



CONSTRUCTION PROJECT

INVITATION TO BID (ITB) NO. 1005-0-2019

**MARTIN COUNTY HIGH SCHOOL (MCHS)
BUILDING REPAIRS PROJECT**

**PURCHASING DEPARTMENT
2845 SE DIXIE HWY, BUILDING #7,
STUART, FLORIDA, 34997
TEL (772) 219-1255
EMAIL bids@martin.k12.fl.us**



**NOTICE OF
INVITATION TO BID**

Bid documents must be received either by mail or hand delivery and time stamped in the Purchasing Department, on or before the date and time referenced below. It is the Bidder’s responsibility to ensure that bids are received in the Purchasing Department. Bids received after closing date and time or submitted to any other District office will not be accepted or considered and will be retained unopened.

Solicitation Documents may be obtained by registering with DemandStar or Vendor Registry in order to receive all required documents and notification of addenda. Register from the Purchasing Website: <https://www.martinschools.org/Page/945>.

Bidders who obtain solicitation documents from any other source are cautioned that the solicitation package may be incomplete. Furthermore, all addenda issued will be posted and disseminated by DemandStar to planholders/members. Bidders obtaining ITB documents from the Purchasing Department website must check the website daily to download their addenda.

The following meeting dates are subject to change according to the needs of the District.

ITB Number:	1005-0-2019
ITB Name:	MCHS Building Repairs Project
ITB Advertising/Publish Dates:	August 9, 16 and 23, 2019
Prebid Meeting followed by Site Visit:	August 28, 2019, at 10:00am
Questions Deadline:	September 11, 2019 at 2:00pm
ITB Closing Date/Time:	September 18, 2019 No Later Than 2:00pm
Proposed Award Date	October 15, 2019
Bonds and Insurance Due	October 25, 2019
Anticipated Notice to Proceed	November 4, 2019
Contact Information: Phone #: Fax #: Email:	Purchasing Department (772) 219-1255 ext 203 (772) 219-1267 bids@martin.k12.fl.us
Email Notifications:	Start all email subject lines with the RFP number for faster recognition.
Submittal Requirements:	ONE (1) MARKED ORIGINAL, ONE FLASHDRIVE, AND TWO (2) PHOTOCOPIES, OF THE COMPLETED BID PACKAGE in a sealed package to the address listed below. Facsimile or electronic responses shall not be accepted.
Submit Bid to::	Martin County School District Attn: Purchasing Department 2845 SE Dixie Hwy, Stuart, FL., 34997-5037
Mark Outside of Envelope	The Project Name, ITB Number, and time and date of the ITB opening shall be clearly marked on the outside of sealed envelope.
ITB Scope of Work:	MCSD Facilities Department is seeking a Licensed Contractor to submit bids for the removal of a decorative stucco/foam banding on the exterior elevations of the Cafeteria and Music Buildings and the replacement of the existing galvanized gutters and downspouts in accordance with the drawings, specifications, and contract documents.

Bidders may not withdraw their bid submittal for a period of ninety (90) calendar days after the day set for the opening of bids.

The District reserves the right to waive any informalities or irregularities, reject any and all bids that are incomplete, conditional, non-responsive, or which contain additions not allowed for; to reject any or all bids in whole or in part with or without cause; to award in whole or in part to one or more Bidders, and to accept the bid which best serves the District.



ADVERTISEMENT PUBLICATION

Martin County School Board
2845 S.E. Dixie Highway
Stuart, FL 34997

**ITB# 1005-0-2019
MARTIN COUNTY HIGH SCHOOL
BUILDING REPAIRS PROJECT**

The Martin County School District is soliciting a Licensed Contractor to submit bids for the removal of decorative stucco/foam banding on the exterior elevations of the Cafeteria and Music Buildings and the replacement of the existing galvanized gutters and downspouts in accordance with the drawings, specifications, and contract documents.

Solicitation Documents may be obtained by registering with DemandStar or Vendor Registry in order to receive all required documents and notification of addenda. Register from the Purchasing Website: <https://www.martinschools.org/Page/945>. The District is not responsible for the content of any submittal package received through any 3rd party service or any other source.

There will be a **non-mandatory pre-bid conference**, followed by a site visit, **on August 28, 2019 at 10:00 AM**, at the Purchasing Warehouse Facility, Service Center Conference Room, 2845 SE Dixie Highway, Building #7, Stuart, Florida 34997. All prospective bidders are encouraged to attend.

A Bid Bond in an amount of five percent (5%) of the total amount proposed is required and must be submitted with their bid. The Bid Surety may be in the form of a Surety Bond with a carrier duly licensed and authorized to do business in the State of Florida, Cashier's Check or Certified Check (checks made payable to School Board of Martin County, Florida).

Firms desiring to provide the services described shall submit one (1) marked original and three (2) copies with **one (1) electronic copy (PDF format preferred) on a flash drive** of their Bid package, containing all of the required information **no later than 2:00pm, September 18, 2019** to:

Mail/Overnight/Hand Deliver Submittal Responses to:

Martin County School District
Attn: Purchasing Department
2845 SE Dixie Hwy
Stuart, FL., 34997-5037

Mark outside of envelope: ITB#, Project Name, time and date of the ITB opening

Questions: Email bids@martin.k12.fl.us

Publish Date: August 9, 16, & 23, 2019



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SECTION I

DEFINITIONS, ABBREVIATIONS, & ACRONYMS

Wherever used in the Contract Documents the following terms have the meanings indicated in the industry which are applicable to both the singular and plural thereof:

- 1.1. **Acceptance:** By the DISTRICT'S PROJECT MANAGER of the Work as being fully complete in accordance with the Contract Documents.
- 1.2. **Addenda:** Written or graphic instruments issued prior to the opening of Bids which clarify, correct or change the Bidding Requirements or the Contract
- 1.3. **Application for Payment:** The form accepted by the CONSULTANT which is to be used by CONTRACTOR to request progress payments or final payment and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
- 1.4. **Bid:** The formal firm price offer of the BIDDER submitted on the prescribed form setting forth the prices for the WORK in response to the Invitation to Bid.
- 1.5. **Bidder:** Any person, firm or corporation submitting a Bid for the Work directly to the DISTRICT. As used in this Invitation to Bid, the words proposer and contractor may be used interchangeably to mean Bidder.
- 1.6. **Bid Documents:** Includes the Invitation to Bid, Instructions to Bidders, Bid Form, and proposed Contract Documents (including all Addenda issued prior to receipt of Bids).
- 1.7. **Bonds:** Bid security/guarantee, performance and payment bonds and other instruments of security, furnished by the CONTRACTOR and his surety in accordance with the Contract Documents and in accordance with the law of the place of the project.
- 1.8. **Cable:** An assembly of one or more insulated conductors or optical fibers, within an enveloping sheath
- 1.9. **Change Order:** A written order to the CONTRACTOR executed by the DISTRICT, CONSULTANT, and CONTRACTOR authorizing an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time issued after execution of the Contract.
- 1.10. **Consultant/Engineer of Record:** The Architect or Engineer, also referred to as **EOR (Engineer or Record)**, firm or corporation named as such in the Contract Documents that acts as the District's authorized agent within the scope of work entrusted to them by the District.
- 1.11. **Consultant's Representative:** An authorized representative of the Consultant assigned to observe the work performed and materials furnished by the CONTRACTOR.
- 1.12. **Contract:** The written agreement between DISTRICT and CONTRACTOR covering the WORK to be performed.
- 1.13. **Contract Documents:** The Contract Documents establish the rights and obligations of the parties and include the Contract, Contract/Bid Addenda, CONTRACTOR'S Bid (including documentation accompanying the Bid and any post Bid documentation submitted prior to the Notice of Tentative Award) when attached as an exhibit to the Contract, the sud, the Bonds, these General Terms and Conditions, the Supplementary Conditions, Technical Specifications, and the Drawings as the same are more specifically identified in the Contract, together shall all Written Amendments, Change Orders, Field Orders, and CONSULTANT'S written interpretations and clarifications issued on or after the Effective Date of the Contract.
- Approved Shop Drawings and the reports and drawings of subsurface and physical conditions are not Contract Documents. Only printed or hard copies of the items listed in this paragraph are Contract Documents. Files in electronic media format of text, data, graphics, and the like that may be furnished by DISTRICT to CONTRACTOR are not Contract Documents.
- 1.14. **Contract Price:** The total monies payable by the DISTRICT to the CONTRACTOR under the terms and conditions of the Contract Document.
- 1.15. **Contract Time:** The number or numbers of successive days or dates stated in the Contract Documents for the completion of the WORK.
- 1.16. **CONTRACTOR:** The individual, partnership, corporation, joint-venture, or other legal entity with whom the DISTRICT has entered into the Contract. Can be used interchangeably with the term bidder and / or vendor.
- 1.17. **Day:** A calendar day of 24 hours measured from midnight to the next midnight.
- 1.18. **Defective Work:** WORK that is unsatisfactory, faulty, or deficient; or that does not conform to the Contract Documents; or that does not meet the requirements of any inspection, reference standard, test, or approval referred to in the Contract Documents; or WORK that has been damaged prior to the CONSULTANT'S recommendation of final payment.
- 1.19. **District:** The Martin District School District, Florida, a Florida school district, its authorized and legal representatives, the public entity with whom the Contractor has entered into the Contract and for whom the WORK is to be provided.
- 1.20. **District Representative:** The person or persons designated by the DISTRICT'S PROJECT MANAGER. The DISTRICT'S PROJECT MANAGER. This may include the CONSULTANT/EOR.
- 1.21. **DP:** Dead pairs: Unused copper pairs terminating within splice case, but without being splices to outgoing cable.
- 1.22. **Drawings:** The drawings, plans, maps, profiles, diagrams, and other graphic representations which show character, location, nature, extent and scope of the WORK, which have been prepared or approved by CONSULTANT and are included and/or referred to in the Contract Documents. Shop Drawings are not Drawings as so defined.
- 1.23. **Effective Date of the Contract:** The date indicated in the Contract, but if no such date is indicated it means the date on which the Contract is signed by the last of the two parties to sign the Contract.
- 1.24. **Field Order:** A written order issued by the DISTRICT'S PROJECT MANAGER or by the CONSULTANT which clarifies or interprets the Contract Documents in accordance with paragraph 9.4 or orders minor changes in the Work in accordance with paragraph 10.1.



1.25.GEC: Grounding electrode conductor: Conductor used to connect grounding electrode to equipment grounding conductor, or to grounded conductor of circuit at service equipment, or at source of separately derived system

1.26.GP: Grounding electrode: Conductor (rod, pipe or plate or group of conductors) in direct contact with earth for purpose of providing low-impedance connection to earth.

1.27. **General Requirements:** See Special Conditions and Division 1 of the Technical Specifications.

1.28.Handbox: Rectangular or square underground pathway element similar to small maintenance hole, which cannot be fully entered, that allows for pulling point or splice point in power, security or communications pathway

1.29.Handhole: A round underground pathway element similar to a handbox, which cannot be fully entered, that allows for a pulling point in a pathway

1.30.ICP: Inside Cable Plant: Part of Information Transport System running within buildings. ICP elements include workstation outlet assembly, cabling to the workstation from network rooms, backbone cabling within building, backbone cabling running between physically contiguous buildings, network racks and hardware (routers, switches, hubs, firewalls, etc.), patch panels, punch blocks, fiber distribution panels, patch cords, and cross-connect cables/wires.

1.31.Identifier: An item of information that links a specific element of the Information Transport System infrastructure with its corresponding record.

1.32.Infrastructure (Information Transport System): A collection of those Information Transport System components, excluding equipment, that together provides the basic support for the distribution of all information within a building or campus

1.33. **Irregular Bids:** Irregular Bids are defined as those containing serious omissions, unauthorized alternative Bids, incomplete Bids or unbalanced Bids.

1.34.ITS: Information Transport System: Copper cabling or optical fiber for transmission of information on School District property. Transmission includes data, video, voice, fire alarm, security, access control, and other low-voltage networks. Information Transport System is not limited to School District-owned cabling, but includes copper and optical fiber, and equipment owned by outside providers carrying School District's information. Pathways are not limited by School District's ownership, but include those owned by any third party. Information Transport System may be referred to as "the network" within project documents

1.35. **Laws and Regulations:** Laws, rules, codes, regulations, ordinances and/or orders promulgated by a lawfully constituted body authorized to issue such Laws and Regulations.

1.36.Linkage: A connection between a record and an identifier or between records.

1.37.Maintenance (man) holes: Underground pathway element large enough for person to fully enter work, used to provide access to underground cable to pull, splice, and maintain.

1.38.Media (Information Transport System): Wire, cable, or conductors used for Information Transport System.

1.39. **Notice to Proceed:** The written notice issued by the DISTRICT, or its agents, to the CONTRACTOR authorizing the CONTRACTOR to proceed with the WORK and establishing the

date of commencement of the Contract Time and the date the Contract WORK is to be completed.

1.40. **Notice of Tentative Award:** The official written notice by the DISTRICT to the apparent successful BIDDER stating that upon compliance by the apparent successful BIDDER with the conditions precedent enumerated therein within the time specified, the DISTRICT may enter into a Contract.

1.41.OB: Outlet box: Metallic or nonmetallic box used to hold Information Transport System outlets/connectors or transition devices

1.42.OCP: Outside Cable Plant: Part of Information Transport System running between buildings, from building to definable exterior point, between definable exterior points, or from non-School District source to School District building or definable exterior point. OCP includes termination punch blocks, fiber distribution panels, interior splices for outside to inside optical fiber transition, and other initial device into which outside cable attaches. OCP does not include backbone cable running between physically contiguous buildings unless cabling enters OSP pathway element (e.g. OSP conduits, maintenance holes, etc.). OCP includes underground cabling and aerial cabling.

1.43.Outlet(Connector) (Information Transport System): Connecting device in work area on which horizontal cable or outlet cable terminates

1.44. **Partial Utilization:** Placing a portion of the WORK in service for the purpose for which it is intended (or a related purpose) before reaching Substantial Completion for all the WORK.

1.45.Pathway: Facility for the placement of Information Transport System cable.

1.46. **Project:** The total construction of which the WORK to be provided under the Contract Documents may be the whole, or a part as indicated elsewhere in the Contract Documents.

1.47.Record: Collection of detailed information related to specific element of Information Transport System infrastructure

1.48.Report: Presentation of collection of information from various records.

1.49. **Resident Project Representative (RPR):** The authorized representative of the CONSULTANT who is assigned to the Site or any part thereof.

1.50. **RESPONSIBLE BIDDER, OFFERER, QUOTER, OR RESPONDENT** - means an individual or business which has submitted a bid, offer, proposal, quotation, or response, which has the capability in all respects to perform fully the contract requirements, and the integrity and reliability which will give reasonable assurance of good faith and performance.

1.51. **RESPONSIVE BIDDER, OFFERER, QUOTER, OR RESPONDENT, VENDOR, CONTRACTOR** means an individual or business which has submitted a bid, offer, proposal, quotation or response, which conforms in all material respects to the solicitation, including, but not limited to compliance with any M/WBE requirements contained within the solicitation.

1.52. **Shop Drawings:** All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by or for the CONTRACTOR, a Subcontractor, manufacturer, supplier or distributor and which illustrate the equipment, material or some portion of the Work and as required by the Contract Documents. Shop Drawings are not part of the Contract Documents and failure of the CONSULTANT or the COUNTY or any of his representatives to take exception to any product, material, system



or installation depicted on Shop Drawings that are not in conformance with the requirements of the Contract Documents shall not constitute a Field Order or Change Order or any other Modification of the Contract Documents, and shall not relieve the CONTRACTOR from complying with any portion of the Contract Documents.

1.53. **Space (Information Transport System):** Area used for housing installation and termination of Information Transport System equipment and cable, e.g., equipment rooms, network rooms, work areas, and maintenance holes/handboxes/handholes

1.54. **Special Conditions:** When included as a part of the Contract Documents, Special Conditions refer only to the Work under this Contract. Special Conditions take precedent over the General Conditions.

1.55. **Specifications:** Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the WORK and certain administrative details applicable thereto.

1.56. **Splice:** Joining of conductors in splice closure, meant to be permanent.

1.57. **Splice box:** Box, located in pathway run, intended to house cable splice.

1.58. **Splice closure:** Device used to protect splice.

1.59. **Sub-Bidder:** One who submits a Bid to a Bidder.

1.60. **Subcontractor** - An individual, firm, or corporation having a direct contract with the CONTRACTOR or with any other Subcontractor for the performance of a part of the WORK at the Site.

1.61. **Substantial Completion:** For purposes of this Contract, and for compliance of those procedures, duties and obligations as set forth in Florida Statutes §218.70 and §218.735, the term Substantial Completion shall be as follows, in lieu of any other definition:

- A. "Substantial Completion" is defined as that point where the District is able to enjoy beneficial occupancy of the Work and where the Work has achieved that level of completion such that District is able to utilize the entire Project for its intended purposes, including but not limited to the completion of all specified systems and items relating to life safety and regulatory use, with the exception of incidental or incomplete items except where a lack of completion of such incidental or incomplete items of Work shall adversely affect the complete operation of other areas of the Work.
- B. Additional conditions (if any) needed to achieve Substantial Completion of the Work and which are project specific are as set forth in attached Technical Specifications.
- C. When the entire Project is considered to be Substantially Complete, this does not constitute Final Acceptance or Final Completion of the entire Project.

1.62. **Successful Bidder:** The lowest, qualified, responsible and responsive Bidder to whom District (on basis of District's evaluation as hereinafter provided) makes an award.

1.63. **Supplementary Conditions:** The part of the Contract Documents which amends or supplements these General Terms and Conditions.

1.64. **Supplier:** A manufacturer, fabricator, supplier, distributor, materialman or vendor.

1.65. **Surety:** The corporate body which is bound with the CONTRACTOR and which engages to be responsible for the CONTRACTOR and his acceptable performance of the Work.

1.66. **Termination position:** Discrete element of termination hardware where information Transport System conductors are terminated

1.67. **Unbalanced Bids:**

- A. **Mathematically Unbalanced Bid** means a bid containing lump sum or unit bid items which do not reflect reasonable actual costs plus a reasonable proportionate share of the bidder's anticipated profit, overhead costs, and other indirect costs.
- B. **Materially Unbalanced Bid** means a bid which generates a reasonable doubt that award to the bidder submitting a mathematically unbalanced bid will result in the lowest ultimate cost to the City; or which is so mathematically unbalanced as to result in an advance payment.

1.68. **Unit Price Work:** WORK to be paid for on the basis of unit prices.

1.69. **Utilities:** All pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels or other such facilities or attachments, and any encasements containing such facilities which have been installed underground or above ground to furnish any of the following services or materials: electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water supply or distribution, sewage and drainage removal, traffic or other control systems.

1.70. **Work:** Any and all obligations, duties and responsibilities necessary to the successful completion of the Project assigned to or undertaken by Contractor under the Contract Documents, including all labor, materials, equipment and other incidentals, and the furnished thereof.

1.71. **Work Area (work station):** Building space where occupants interact with Information Transport System terminal equipment

1.72. **Work Change Directive:** A written directive to Contractor, issued on or after the Effective Date of the Contract and signed by the District and recommended by the Consultant/EOR, ordering an addition, deletion or revision in the WORK, or which references an emergency or unforeseen physical conditions under which the WORK is to be performed. A Work Change Directive may not change the Contract Price or the Contract Time, but is evidence that the parties expect that the change directed or documented by a Work Change Directive shall be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Time.

1.73. **Written Amendment:** A written amendment of the Contract Documents, signed by the DISTRICT and CONTRACTOR on or after the Effective Date of the Contract and normally dealing with the non-engineering or non-technical rather than strictly WORK related aspects of the Contract Documents.

149. **Intent of Certain Terms:**

- A. **Furnish, Install, Perform, Provide**
 - 1) The word "furnish," when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
 - 2) The word "install," when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.



- 3) The words "perform," or "provide," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials or equipment complete and ready for intended use.
- B. When "furnish," "install," "perform," or "provide," is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of contractor, "provide" is implied.
- C. Unless stated otherwise in the contract documents, words or phrases which have a well-known technical or construction industry or trade meaning are used in the contract documents in accordance with such recognized meaning.

150. Abbreviations, Acronyms, and Symbols:

Reference, Design Standards and Abbreviations: Any reference to published specifications or standards of any organization or association or as noted in Florida Building Code, Chapter 2, and Florida Fire Prevention Code are applicable; and shall comply with the requirements of the specification or standard which is current on the date of Advertisement for Bids. In case of a conflict between the referenced specifications or standards, the one having the more stringent requirements shall govern.

Documents listed shall be standard references currently in effect at project commencement.

In case of conflict between the referenced specifications or standards and the Contract Documents, the Contract Documents shall govern.

A. ABBREVIATIONS, REFERENCE STANDARDS, AND ACRONYMS

AA	Aluminum Association
AAA	American Arbitration Association
AABC	Associated Air Balance Council
AAMA	Architectural Aluminum Manufacturers Association
AASHO	American Association of State Highway Officials
ABA	American Bar Association
ABMA	American Boiler Manufacturers Association
ABPA	Acoustical and Board Products Association
ACI	American Concrete Institute
ACPA	American Concrete Pipe Association
ACR	Attenuation-to-Crosstalk Ratio
ADA	Americans with Disabilities Act
AEIC	Association of Edison Illuminating Companies
AFBMA	Anti-Friction Bearing Manufacturers Assoc.
AFF	Above finished floor
AGA	American Gas Association
AGC	Associated General Contractors of America
AGMA	American Gear Manufacturers Association
AHA	American Hardboard Association
AI	The Asphalt Institute
AIA	American Institute of Architects
AIA	American Insurance Association
AIMA	Acoustical and Insulating Materials Association
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
AMCA	Air Moving and Condition Association
ANSI	American National Standard Institute
ANSI/UL263	Fire Tests of Building Construction and Materials.
ANSI/UL723	Surface Burning Characteristics of Building Materials.
ANSI/UL1479	Fire Tests of Through Penetration Firestops.
ANSI/UL2079	Tests for Fire Resistance of Building Joint Systems.

APA	American Plywood Association
API	American Petroleum Institute
APWA	American Public Works Association
AREA	American Railway Engineering Association
ARI	American Refrigeration Institute
ASA	American Standards Association (Now ANSI)
ASAH	American Society of Architectural Hardware Consultants
ASCE	American Society of Civil Engineers
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASSCBC	American Standard Safety Code for Building Construction
ASSHTO	American Association of State Highway Transportation Officials
ASTM	American Society for Testing and Materials
ASTM/D16	Definitions of Terms Relating to Paint, Varnish, Lacquer, and Related Products for interpretation of terms used herein.
ASTM/D4442	Test Method for Moisture Content of Wood.
ASTM/E-84	Surface Burning Characteristics of Building Materials.
ASTM/E119	Fire Tests of Building Construction & Materials
ASTM/E814	Fire Tests of Through Penetration Fire Stops,
ASTM/E1966	Test Method for Fire Resistive Joint Systems.
ASTM/E1399	Test Method for Cyclic Movement & Measuring Minimum & Maximum Joint Widths of Architectural Joint Systems
AWG	American Wire Gauge
AWI	Architectural Woodwork Institute
AWPA	American Wood Preservers Association
AWPB	American Wood Preservers Bureau
AWPI	American Wood Preserves Institute
AWS	American Welding Society
AWWA	American Water Works Association
BHMA	Builders Hardware Manufacturers Association
BIA	Brick Institute of America (formerly SCPI)
BD	Building distributor (replacing main-cross connect and MDF as "building service" room identifiers).
BICSI®	Building Industry Consulting Service International, Inc.
BTU	British Thermal Unit.
CATV	Community Antenna Television (cable television).
CD	Campus distributor (replacing main-cross connect and MDF as "campus-wide service" room identifiers). Also, compact disk for storage of audio or video information.
dB	Decibel.
CDA	Copper Development Association
CFS	Cubic Feet Per Second
CMAA	Crane Manufacturers Association of America
CRSI	Concrete Reinforcing Steel Institute
CS	Commercial Standard
DHI	Door and Hardware Institute
DIPRA	Ductile Iron Pipe Association
DOT Spec	Standard Specification for Road and Bridge Construction Florida Department of Transportation, 1982
E/A	Engineer and/or Architect
EDA	Economic Development Association
EEI	Edison Electric Institute
EF	Entrance Facility
EIA	Electronic Industries Alliance
ELFEXT	Equal Level Far-End Crosstalk
EMC	Electromagnetic Compatibility.
EMI	Electromagnetic Interference.



EMT	Electrical metallic tubing.	NFPA	National Fire Protection Association
ENT	Electrical nonmetallic tubing.	NLA	National Lime Association
EPA	Environmental Protection Agency	NPC	National Plumbing Code
EPDM	Ethylene-polypropylene-diene membrane	NPT	National Pipe Threads
ER	Equipment Room. Replacing "TR"	NR	Network Room
FCC	Federal Communications Commission	NRTL	National Recognized Testing Laboratory
FCI	Fluid Control Institute	NSC	National Safety Council
FD	Floor distributor (replacing network room, intermediate and horizontal cross-connect, and telecommunications as "building service" room identifiers). Also, Floor Drain as part of building plumbing system	NSF	National Sanitation Foundation
		OD	Outside Diameter
FDDI	Fiber Distribution Data Interface.	OSHA	U.S. Department of Labor, Occupational Safety and Health Administration
FDER	Florida Department of Environmental Regulation	OCP	Outside Cable Plant.
FDOT	Florida Department of Transportation	OTDR	Optical Time Domain Reflectometer
Fed Spec	Federal Specification	PCA	Portland Cement Association
FEXT	Far-End Crosstalk	PCI	Prestressed Concrete Institute
FMC	Flexible metallic conduit	PR	Pair
FOTP	Fiber Optic Test Procedure	PS	United States Products Standards
FPL	Florida Power and Light	PSI	Pounds per Square Inch
FPS	Feet Per Second	PSIA	Pounds per Square Inch Atmosphere
Freq	Frequency	PSIG	Pounds Per Square Inch Gauge
FS	Federal Standards	RCDD® :	Registered Communications Distribution Designer
GA	Gypsum Association	RPM	Revolutions Per Minute
GE	Grounding Equalizer	RFI:	Radio Frequency Interference
Gnd	Ground	RH	Relative Humidity.
GPM	Gallons Per Minute	RNC	Rigid nonmetallic conduit.
HB	Handbox. Also, hose bibb for water supply part of plumbing system.	SAE	Society of Automotive Engineers
HC	Horizontal Cross-Connect (replaced by floor distributor "FD")	SDI	Steel Decks Institute
HH	Handhole	SIGMA	Sealed Insulating Glass Manufacturer's Association
HMI	Hoist Manufacturers Institute	SJI	Steel Joists Institute
HP	Horsepower	SMACNA	Sheet Metal and Air Conditioning Contractors' National Association
HSBII	Hartford Steam Boiler Inspection and Insurance Co.	SM	Single Mode
HVAC	Heating, Ventilation, and Air Conditioning	SSI	Scaffolding and Shoring Institute
Hz	Hertz	SSPC	Steel Structures Painting Council
IC	Intermediate Cross-Connect (replaced by building distributor "BD").	SSPC	Structural Steel Painting Council
ID	Inside Diameter	STA	Station (100 feet)
IDC	Insulation Displacement Connectors	TAS	Technical Aid Series
IEEE	Institute of Electrical and Electronic Engineers	TBB	Telecommunication Bonding Backbone
IFI	Industrial Fasteners Institute	TCA	Tile Council America
IMC	Intermediate metal conduit	TDH	Total Dynamic Head
IPCEA	Insulated Power Cable Engineers Association	TE	Telephone Equipment (Wall Mounted Equipment Rack)
IPS	Iron Pipe Size	TGB	Telecommunications Grounding Buss Bar
ISO	International Organization for Standardization	TH	Total Head
ISP	Inside Cable Plant	TIA	Telecommunications Industry Association.
LFMC	Liquidtight flexible metal conduit	TMGB	Telecommunications Main Grounding Buss Bar
LFNC	Liquidtight flexible nonmetallic conduit	UBC	Uniform Building Code
Mbps	Megabits per second.	UL	Underwriter's Laboratories, Inc.
MER	Main Equipment Room	UOM	Units of Measure-Weights and Measures shall be as identified by Weights and Measures Division, NIST, U. S. Department of Commerce, 100 Bureau Dr., Stop 2600, Gaithersburg, MD 20899-2600.
MF	Factory Mutual System	UPS	Uninterruptible Power Supply
MGD	Million Gallons Per Day	USASI	United States of American Standards Institute
MH	Maintenance Hole	WAO	Work Area Outlet
MHI	Materials Handling Institute		
MIL	Military Specification		
MMA	Monorail Manufacturers Association		
MHz	Megahertz		
NBFU	National Board of Fire Underwriters		
NBHA	National Builders' Hardware Association		
NBR	Acrylonitrile-butadiene rubber		
NBS	National Bureau of Standards		
NCSA	National Crushed Stone Association		
NCSPA	National Corrugated Steel Pipe Assoc		
NEC	National Electrical Code		
NECA	National Electrical Contractors' Assoc		
NEMA	National Electrical Manufacturers' Association		
NESC	National Electric Safety Code, C2-1997.		

B. ITSA/WARNOCK-HERSEY - PRODUCT DIRECTORY

- NFPA 101: Life Safety Code - National Fire Protection Association (NFPA).
- NFPA 70: National Electrical Code - National Fire Protection Association (NFPA).
- ANSI/NECA/BICSI-568-2001 "Installing Commercial Building Telecommunications Cabling".
- ANSI/TIA/EIA-568-B.1 and addenda "Commercial Building. Telecommunications Cabling Standard - Part 1: General Requirements".



ANSI/TIA/EIA-568-B.2 and addenda "Commercial Building Telecommunications Cabling Standard - Part 2: Balanced Twisted-Pair".

ANSI/TIA/EIA-568-B.3 and addenda "Commercial Building Telecommunications Cabling Standard - Part 3: Optical Fiber Cabling and Components Standard".

ANSI/TIA/EIA-569-B and Addenda "Commercial Building Standard for Telecommunications Pathways and Spaces".

ANSI/TIA/EIA-606-A and Addenda "Administration Standard for Telecommunications Infrastructure of Commercial Buildings".

ANSI-J-STD-607-A and Addenda "Commercial Building Grounding (Earthing) and Bonding Requirements for Telecommunications".

ANSI/TIA/EIA-526-7 and Addenda "Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant".

ANSI/TIA/EIA-526-14A and Addenda "Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant".

ANSI/TIA/EIA-758 "Customer Owned Outside Plant Telecommunications Cabling Standard".

IEC/TR3 61000-5-2 - Ed. 1.0 and amendments. "Electromagnetic compatibility (EMC) - Part 5: Installation and mitigation guidelines – Section Earthing and cabling".

ANSI/NFPA 70 National Electrical Code, 2008 Edition.

BICSI Telecommunications Distribution Methods Manual (TDMM).

BICSI Telecommunications Cabling Installation Manual (TCIM).

BICSI Customer-Owned Outside Plant Design Manual, 3rd, Edition (CO-OSP).

Applicable Martin County Codes and Regulations.

Underwriters Laboratories (UL).

FCC -Federal Communications Commission.

Occupational Safety and Health Regulations (OSHA).

Florida Fire Protection Code (including NFPA 101 Life Safety Code).

Applicable Florida Statutes and Administrative Rules.

Manufacturers Training Manuals (Design and Installation).

NACE (National Association of Corrosion Engineers) - Industrial Maintenance Painting.

NPCA (National Paint and Coatings Association) - Guide to U.S. Government Paint Specifications.

PDCA (Painting and Decorating Contractors of America) - Painting - Architectural Specifications Manual.

SSPC (Steel Structures Painting Council) - Steel Structures Painting Manual.

- o SSPC-SP 1 – Solvent Cleaning.
- o SSPC-SP 2 – Hand Tool Cleaning.
- o SSPC-SP 3 – Power Tool Cleaning.
- o SSPC-SP 13 – Nace No 6 Surface Preparation for Concrete.

UL Underwriters Laboratories Fire Resistance Directory.

Note: Additional abbreviations and symbols are shown on the Drawings.



SECTION II

INSTRUCTIONS TO BIDDERS

1. **REQUIREMENTS FOR PERSONNEL ENTERING DISTRICT PROPERTY:** Possession of firearms will not be tolerated in or near school buildings. Nor will violations of Federal or State Laws and any applicable District policy regarding Drug Free Workplace be tolerated. Violators shall be subject to immediate termination. "Firearm" means any weapon (including a starter gun or antique firearm) which will, is designed to, or may readily be converted to expel a projectile by the action of an explosive; the frame or receiver of any such weapon; any destructive device; or any machine gun.

No person who has a firearm in their vehicle may park their vehicle on District property. Furthermore, no person may possess or bring a firearm on District property.

If any employee of an awarded Proposer or subcontractor is found to have a firearm on District property, said employee shall be terminated from the project. If the awarded Proposer or subcontractor fails to ensure that said employee is restricted from the project may result in contract cancellation and/or termination.

Proposers are advised that they are responsible to ensure that no employee, agent or representative of their company who has been convicted or who is currently under investigation for a crime against children in accordance with section 435.04, Florida Statutes shall enter any school site.
 2. **FINGERPRINTING, JESSICA LUNSFORD ACT:** Contractor, his subcontractors, vendors and suppliers who are to be permitted access to school grounds while students are present, or have direct contact with students or have access to or control of school funds shall obtain Level 2 background screening in accord with Florida Statute FS1012.465 – Jessica Lunsford Act.
 - 2.1 Level 2 screening excludes personnel working on school district property where students are present who have criminal records that include sexual offender, sexual misconduct with developmentally disabled or mental health patients, terrorism, murder, kidnapping, lewd, lascivious or indecent acts or exposure, incest, child abuse or neglect.
 - 2.2 Persons screened as noted above with other types of criminal history may be allowed on school grounds provided under following conditions:
 - 2.3 Contractor/CM, subcontractors, vendors and suppliers shall be under continuous direct supervision of school district employee or Level 2 screened and cleared employee as noted above.
 - 2.4 Contractor/CM, subcontractors, vendors and suppliers may be allowed on student occupied site if area of construction is isolated from students by continuous six foot high chain link fence separating work area and school.
 - 2.5 Persons with current Level 2 clearance who are subsequently arrested for disqualifying offenses shall be disqualified from access to school sites and shall immediately surrender their Photo ID Badge to their employer who shall be responsible for returning badge to Martin County School District's Department of Human Resources within 48 hours of arrest or notice of arrest or criminal offense.
 - 2.6 Persons failing to notify their employer and Martin County School District's Department of Human Resources within 48 hours of arrest will be charged with 3rd degree felony, punishable by up to five years imprisonment and \$1,000 fine.
 - 2.7 Employers of persons having been arrested for disqualifying offenses who subsequently allows said employee to continue working on school property may also be charged with 3rd degree felony, punishable by up to five years imprisonment and \$1,000 fine.
 - 2.8 Contractor/CM, his subcontractors, vendors and suppliers working on school board sites shall be fingerprinted and obtain work badges.
 - 2.9 Questions regarding fingerprinting or identification badge processing may be directed to District Personnel Department at (772)219-1200, Ext. 296.
 - 2.10 The fingerprint screening must be completed in advance of the awarded Bidder providing any services. The awarded Proposer shall bear the cost of acquiring the background screening required by Fla. Stat. 1012.32, and any fee imposed by the Florida Department of Law Enforcement to maintain the fingerprints provided with respect to the awarded Bidder and its employees. Awarded Bidder shall provide District with a list of its employees. Awarded Bidder shall update these lists in the event that any new employees are added and awarded Bidder agrees that new employees shall be fingerprinted. Awarded Bidder agrees that in the event any employee is convicted of a criminal offense, the awarded Bidder shall notify the District within forty-eight (48) hours.
 - 2.11 The parties agree in the event that the awarded Bidder fails to perform any of the duties described in the above paragraph, this shall constitute a breach of the contract entitling the District to terminate immediately with no further responsibility to make payment or perform any other duties under this contract. Awarded Bidder agrees to indemnify and hold harmless the District, its officers and employees from any liability whatsoever resulting from awarded Bidder's failure to comply with the requirements of this paragraph or Fla. Stat. 1012.32 and 1012.465.
3. **QUALIFICATIONS OF BIDDERS:** To demonstrate qualifications to perform the WORK, each Bidder must be prepared to submit within five (5) calendar days of District's request written evidence acceptable to the District documentary evidence demonstrating, financial data/fiscal responsibilities, previous experience, present commitments and other such data as may be called for to meet all of the Bidder's obligations set forth in the Bid documents. Each Bid must contain evidence of Bidder's qualifications to do business in the State of Florida or obtain such qualification prior to award of the contract.

The District reserves the right to contact any of the firms listed by Bidders in any sections as references or any additional firms or individuals to review Bidder's qualifications. Bids that do not comply with these requirements may be rejected at the option of the District.

The project shall be constructed by a firm with the primary qualifying agent licensed as a Contractor pursuant to and as defined by Florida Statute 489, and shall have been employed full time by the construction firm for at least one year prior to this project's bid date.
 4. **ANNUAL APPROPRIATION:** This Bid is conditional upon the District having funding to implement the Contract.
 5. **DEFINED TERMS:** Terms used in these Instructions to Bidders, have the meanings assigned to them in the Industry involved in the subject matter of the Bid, in the Martin County School District, Standard General Conditions of the Construction Contract.
 6. **COST OF BID:** Costs, either direct or indirect, incurred by the Bidder in the preparation, presentation, demonstration, delivery or for any other reason associated with the submittal of this bid is solely the responsibility of the Bidder and not the District, and are not to be charged to the District.



7. **BACKGROUND INVESTIGATION:** As a part of the Bid evaluation process, the District may conduct a background investigation, including a criminal record check of Bidder's officers and/or employees, by the Sheriff's Office to establish the competency, responsibility, qualifications and financial ability of the Bidders, proposed subcontractors and other persons and organizations to do the work in accordance with the Contract Documents to the District's satisfaction within the prescribed time. The Board reserves the right to reject the Bid of any Bidder who does not pass any such evaluation to the District's satisfaction.

The Bidder's signature on the Bid Form constitutes acknowledgement of and consent to such investigation. The District shall be the sole judge in determining the Bidder's qualifications.

8. **FACILITIES:** The District reserves the right to inspect the Bidder's facilities at any reasonable time, prior to award of the Bid, during normal working hours, with prior notice to determine that it has a bona fide place of business, and is a responsible Bidder.

The District also reserves the right to inspect all facilities of any subcontractor in order to make determination as to the foregoing. The subcontractor shall be equally responsible for meeting all requirements specified in the Invitation to Bid.

9. **INQUIRIES/AVAILABILITY:** Inquiries concerning this ITB should be made in writing. The District will respond to written inquiries, if received at least 7 calendar days prior to the date scheduled for opening the bids. The District shall record its responses to inquiries and any supplemental instructions in the form of a written addendum. If addenda are issued, the District **shall make every attempt to issue such** addenda at least 7 calendar days before the date fixed for receiving the proposals. **Written addenda shall be disseminated via** the Purchasing Website: <https://www.martinschools.org/Page/945> to Vendor Registry and DemandStar. No interpretation shall be considered binding unless provided in writing to the Martin County School District Purchasing Department. **It is the sole responsibility of the Bidder to ensure all addenda are received.**

CONTACT WITH MARTIN COUNTY SCHOOL DISTRICT PERSONNEL OTHER THAN PURCHASING STAFF OR A DESIGNATED REPRESENTATIVE REGARDING THIS INVITATION TO BID SHALL BE GROUNDS FOR ELIMINATION FROM THE PROCESS.

10. **INTERPRETATIONS AND ADDENDA:** All Bidders shall carefully examine the Bid Documents. Any ambiguities or inconsistencies should be brought to the attention of the Purchasing Department through written communication prior to opening of the bids. Failure to do so on the part of the Bidder shall constitute an acceptance by the Bidder of any subsequent decision by the District. MCSD will receive written requests for clarification concerning the meaning or interpretation of this ITB by issuance of addenda via DemandStar and Vendor Registry, until (7) days prior to the bid opening date. Questions shall be emailed to bids@martin.k12.fl.us with reference to the ITB number in the subject for faster recognition. Only questions answered by formal written Addenda issued by the MCSD Purchasing Department shall be binding. Oral and other interpretations or clarifications shall be without legal effect.

It is the sole responsibility of the Bidder to ascertain whether any addenda to this Invitation to Bid has been issued, and to submit all such addenda properly acknowledged with the Bid response.

The District may delay scheduled due dates if it is to the advantage of the District. The District shall notify Bidders of all changes in scheduled due dates by written addenda.

11. **BID DOCUMENTS:** Solicitation Documents may be obtained by registering with DemandStar in order to receive all required

documents and notification of addenda. Register for FREE at <http://www.demandstar.com/subscriptions> "FREE AGENCY", toll-free 1-800-711-1712, or from Vendor Registry at the Purchasing Website: <https://www.martinschools.org/Page/945>. Bidders who obtain solicitation documents from any other source are cautioned that the solicitation package may be incomplete.

Complete sets of Bid Documents shall be used in preparing Bids. Neither District nor EOR assumes and each disclaims any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bid Documents.

District and EOR in making copies of Bid Documents available on the above terms do so only for the purpose of obtaining bids on the WORK and do not confer a license or grant for any other use.

12. **BID SUBMISSION:** Bidders shall submit **one (1) marked original, 1 electronic copy provided on a thumb drive, and three (3) copies** of the completed Bid package in an opaque sealed envelope to the Purchasing Department. All Bids must be accompanied by the Bid Security (if required) and all other required documents. The Bid opening shall be public. Therefore all Bidders and their representatives are invited to attend at the District's Purchasing Department on the date and time specified in the Invitation to Bid. The Bid opening may be delayed if, at the sole discretion of the District, it is considered to be in the District's best interest. Under no circumstances shall Bids delivered after the Bid opening time has begun be considered, and such Bids shall be retained unopened. It is the Bidder's sole responsibility to assure that Contractor's Bid is complete and delivered at the proper time and place of the Bid opening. Offers by facsimile, telegram, or telephone are not acceptable. A Bid may **NOT** be altered or modified by the Bidder after opening of the Bids.

Bids will be opened and read aloud publicly at the time and place indicated in the Invitation to Bid. Submittal of a Bid in response to this Invitation to Bid constitutes an offer by the Bidder.

All Bids shall remain subject to acceptance for ninety (90) calendar days after the day of the Bid opening, but the District may, at the sole discretion of the District, release any Bid and return the Bid Security prior to that date.

13. **MODIFICATION OF BIDS:** Bids may only be modified, by an appropriate document duly executed, prior to the solicitation closing date and time. The Bidder must present certification to assure that they are indeed an authorized representative of the Bidder's firm at the time modification to the Bid is presented.
14. **BID FORM:** Bids must be submitted on the prescribed form; all blank spaces must be filled in as noted, in ink or typed with amounts extended and totaled. Where indicated on the Bid Form, items shall be stated in numbers. Bidders are required to bid all items to be considered. Bidder should not reference the words "No charge, N/A, included, etc." on any of the line items. Vendor must identify a monetary amount for each line item. If vendor is not providing a bid price for an item, zero (0) must be designated on that line item. Failure to identify a monetary amount for each item may cause Bidder's bid response to be considered non-responsive and rejected.

The District reserves the right to accept any Bid or combination of Bid alternates, reject any and all Bids, waive any and all informalities, minor irregularities, to accept any item or group of items unless qualified by Bidder; to acquire additional quantities at prices quoted on the Invitation to Bid unless additional quantities are not acceptable, in which case the bid sheets must be noted "BID IS FOR SPECIFIED QUANTITY ONLY, and the right to disregard all nonconforming, non-responsive, unbalanced or conditional Bids or counter-proposals. In addition, the District reserves the right to make a multiple award if it is in the best interest of the District.



Failure to provide all of the information required to accompany the Bid, Bid Form and Specifications shall be considered a serious omission, which may result in the bid being rejected as non-conforming.

The Bid shall contain acknowledgment of receipt of all addenda (copies of which shall be attached to the Bid Form).

15. **EVALUATION FACTORS:** The District reserves the right to reject the Bid of a non-responsible Bidder that the District determines is of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the District. Further, A Bidder must be, at the time of the Bid opening, a fully authorized agent or representative of the product or service Bid, and capable of producing, providing or installing the items Bid, and so certify upon request.

The District shall consider the firms qualifications, compliance of requirements, and time of completion as evaluation factors. In addition, the District may require the apparent successful Bidder to submit a Schedule of Values priced in line item format including time frames (not dated) for staff to review prior to staff's actual award recommendation being submitted to the DISTRICT Board.

Any inconsistencies shall be brought to the attention of the intended awardee for adjustment prior to award and acceptance of said schedule. An unbalanced Schedule of Values may result in rejection of the bid as non-responsible. Failure to produce said Schedule of Values within four (4) business days of the District's request may result in the bid being rejected as non-responsive.

The District may consider the qualifications and experience of subcontractors and other persons and organizations (including those who are to furnish the principal items or material, services, or equipment) proposed for those portions of the work as to which the identity of subcontractors and other persons and organizations must be submitted.

The District may also consider the operating costs, maintenance requirements, performance data and guarantees of major items of materials and equipment proposed for incorporation in the WORK when such data is required to be submitted prior to the Notice of Tentative Award.

16. **AWARD OF CONTRACT:** The District reserves the right to award item by item, and/or group by group or on an all or none basis to the lowest responsive, responsible Bidder that provides the best value to the District.

NO AWARD RECOMMENDATION SHALL BE BROUGHT BEFORE THE BOARD FOR CONSIDERATION TO AWARD UNTIL THE CONTRACTOR/BIDDER HAS PRESENTED AN EXECUTED ORIGINAL OF THE CONTRACT OR PURCHASE ORDER ALONG WITH ANY OTHER REQUIRED DOCUMENTS TO THE PURCHASING DEPARTMENT.

NO AWARD SHALL BE DEEMED FINAL AND SHALL BE DEEMED CONDITIONAL, UNTIL THE PARTIES HAVE FULLY EXECUTED THE AGREEMENT(S) OR A PURCHASE ORDER HAS BEEN ISSUED BY THE BOARD TO THE BIDDER. THE BOARD RESERVES THE RIGHT TO REVOKE ANY AWARD MADE HEREUNDER, WITHOUT PENALTY, PREMIUM OR OBLIGATION, AT ANY TIME PRIOR TO THE DELIVERY OF THE FULLY EXECUTED AGREEMENT(S) OR PURCHASE ORDER. NO BIDDER SHALL BE ENTITLED TO RELY ON ANY ANNOUNCEMENT OF AN AWARD, AND THE BOARD SHALL IN NO WAY BE ESTOPED IN THE REVOCATION OF AN AWARD PREVIOUSLY GRANTED.

Section 119.071(1)(b)2., F.S., provides an exemption for "sealed bids, proposals, or replies received by an agency pursuant to a competitive solicitation" until such time as the agency provides

notice of an intended decision or until 30 days after opening "the bids, proposals, or final replies," whichever is earlier.

17. **BID TABULATION:** Bid tabulations shall be posted on www.DemandStar.com within ten (10) days after the bid opening.
18. **CONTRACTUAL AGREEMENT:** The submission of your Bid constitutes a firm offer by the Bidder. Upon acceptance by the Board, the Purchasing Department shall issue a notice of award and purchase order(s) and/ or contract for any supplies, equipment and/or services as a result of this bid. The Invitation to Bid and the corresponding purchase order(s)and /or contract shall constitute the complete agreement between the successful Bidder and the Board. Unless otherwise stipulated in the bid documents or agreed to in writing by both parties, no other contract documents shall be issued or accepted.

The District may attach as a part of this solicitation, a Sample Contract document. Bidders shall be responsible for complying with all of the terms and conditions of the Sample Contract document, except where variant or conflicting language may be included in any Special Conditions contained herein. Bidders shall note any deviation or variance with the Sample Contract document at the time of bid submission. Should no revisions be noted, the District will assume and the Contractor agrees that the terms and conditions of agreement are acceptable.

19. **SIGNING OF CONTRACT:** The Notice of Tentative Award will be presented to the Successful Bidder, accompanied by the required number of unsigned counterparts of the Construction Contract with all other written Contract Documents attached. Within fifteen (15) calendar days thereafter, the Successful Bidder shall sign and deliver the required number of counterparts of the Construction Contract and attached documents to District with the required bonds and insurance certificates. Within forty-five (45) calendar days thereafter, the District upon final award by the District Board shall deliver one fully signed counterpart to the Successful Bidder. Each counterpart is to be accompanied by a complete set of the Drawings. The aforementioned documents must be submitted to the District prior to any WORK being performed.

20. **REJECTION / DISQUALIFICATION OF BIDDER:** The Board, at its sole discretion, reserves the right to reject any and all bids, accept any bid or any combination of bids or waive any minor irregularity or technicality in bids received, when in its sole judgment, it shall best serve public interest. The right is reserved to reject any and all Bids or to accept the one deemed by the DISTRICT to be the most advantageous. Contractor's bid shall be rejected as non-responsive if any of the following exist (this list is not all inclusive):

- More than one Bid from an individual, firm, partnership, corporation, or association under the same or different names shall not be considered.
- The District reserves the right to reject the bid of any Bidder in arrears or in default upon any debt or contract to the District or who have failed to perform faithfully any previous contract with the District or with other governmental jurisdictions.
- If there is reason to believe that collusion exists between Bidders.
- Bids that are judged to be mathematically or materially unbalanced shall be rejected.
- The Bid Package is found to have concealed or contained false and/or misleading information.
- Executed requested Attachments/Affidavits are not completed or submitted.



- Incomplete execution of documents, Bidder signature page, and Bid submittal form.
- Not licensed to perform the required work or provide the required product.
- Not eligible to bid due to violations listed under, Public Entity Crimes.
- Submission of an irregular bids. Failure to fill out forms completely, indicating compliance or deviation for each item may be used as reason for rejection.
- Non-compliance with applicable laws or contains any unauthorized additions or deletions or contains irregularities of any kind is considered incomplete, indefinite, or ambiguous as to its meaning.

21. **EXECUTION OF BID:** Bid must contain a manual signature, in ink, of an authorized representative, who has the legal ability to bind the firm in contractual obligations. Bid must be typed or legibly printed in ink. Use of erasable ink is not permitted. All corrections made by Bidder to any part of the bid document must be initialed in ink.

Bids by corporations must be executed in the corporate name by the President or Vice President (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal shall be affixed and attested by the Secretary or Assistant Secretary. The corporate address and State of Incorporation shall be shown below the signature.

Bids by partnership must be executed in the partnership name and signed by a general partner, his title must appear under his signature and the official address of the partnership must be shown below the signature.

All names of persons signing documents must be typed or printed below the signature.

22. **NO BID:** If not submitting a Bid, please respond no later than the Bid opening date and time, by returning the acknowledgment, noting the reason for declining. An addendum may be issued to remedy providing the circumstances are determined reasonable.
23. **WITHDRAWAL OF BIDS:** All Bids shall be irrevocable unless the Bid is withdrawn as provided herein. All Bids may be withdrawn only by written communication delivered to the Purchasing Department prior to the solicitation closing date and time. The Bidder must present certification to assure that they are indeed an authorized representative of the Bidder's firm at the time such communication to withdraw the Bid is presented. A District representative shall verify this information prior to return of the Bid and Bid Security.

However, within twenty-four (24) hours after Bids are opened, any Bidder files a duly signed written notice with the District and successfully demonstrates that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid Security will be returned. Bidder shall be disqualified from further bidding on the WORK to be provided under the Bid Documents.

24. **CONFLICT OF INTEREST:** All Bidders must disclose with their Bid the name of each of its employees, agents, or relatives who are employees of the DISTRICT.

The Bidder represents and warrants to the District the following:

- No officer, employee, or agent of the District has any interest, either directly or indirectly, in the business of the Bidder to be conducted hereunder.

- Bidder has not employed or retained any company or person, other than a bona fide employee working solely for the Bidder, to solicit or secure this contract, and that it has not paid, or agreed to pay any person, company, corporation, individual, or firm, other than bona fide Personnel working solely for the Bidder any fee, commission, percentage, gift or other consideration, contingent upon, or resulting from the award or making of this contract.
- Bidder acknowledges that it has not agreed as an expressed or implied condition for obtaining this contract, to employ or retain the services of any person, company, individual or firm in connection with carrying out this contract.
- Bidder represents that it presently has no interest, either direct or indirect, while performing the services required by this contract, which would conflict in any manner with Florida Statutes.
- Bidder represents that no person having any such interest shall be employed during the term of this contract, including any officer, employee or agent of the District.
- Bidder represents and warrants that it has no current contracts with any entity that would create any conflict of interest in the Bidder's ability to perform the services required by this contract. Further, the Contractor represents and warrants that throughout the term of this contract, it will not undertake any work that would create such a conflict in interest.

It is understood and agreed by the Bidder that, upon the breach or violation of this Section, the District shall have the right to terminate the contract without liability and at its sole discretion, and to deduct from the contract price, or to otherwise recover, the full amount of such fee, commission, percentage, gift or consideration paid by the Bidder.

The Bidder shall promptly notify the District in writing by certified mail or electronic mail of all potential conflicts of interest for any prospective business association, interest or other circumstance that may influence or appear to influence the Bidder's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the Bidder may undertake and request an opinion of the District as to whether the association, interest or circumstance would, in the opinion of the District, constitute a conflict of interest if entered into by the Bidder. If, in the opinion of the District, the prospective business association, interest or circumstance would not constitute a conflict of interest by the Bidder, the District shall so state in the notification and the Bidder shall, at its option, enter into such association, interest or circumstance and it shall be deemed not in conflict of interest with respect to services provided to the District by the Bidder under the terms of this Contract.

25. **NON-COLLUSION:** By submitting a bid, the Bidder certifies that it has not divulged discussed or compared its Bid with other Bidders and has not colluded with any other Bidder or parties to a Bid whatsoever. (Note: Premiums, rebates or gratuities are not permitted with, prior to, or after any delivery of material.) Any such violation shall result in the cancellation and/or return of materials (as applicable) as being non-conforming.
26. **PUBLIC ENTITY CRIMES:** The Bidder certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by the State of Florida or Federal Government. Further, Bidder certifies that it has divulged, in its bid response information regarding any of these actions or proposed actions with other governmental agencies



Pursuant to Section F.S. 287.133, FS as amended: a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a Contract to provide any goods or services to a public entity, may not submit a Bid on a Contract with a public entity for the construction or repair of a public building or public work, may not submit Bids on leases of real property to a public entity, may not be awarded or perform work as a Vendor, supplier, subvendor, or consultant under a Contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in F.S. 287.017 for CATEGORY TWO or higher for a period of 36 months from the date of being placed on the convicted vendor list.

The awarded Bidder or any subcontractor shall not employ any persons with multiple felonies and / or crimes against children. The awarded Bidder must provide documented proof of efforts to comply with this requirement. The Owner may declare any non-compliance or lack of diligent effort by the awarded Bidder to comply as a breach of contract and immediately terminate the services of the awarded Bidder.

Any employees involved in any F.S. Chapter 435, Florida Statutes offenses are precluded from continuing to work on a project and must be replaced. Failure to comply may result in the immediate termination of the awarded Bidder's contract at the sole discretion of the District. Lack of knowledge by the Bidder shall in no way be a cause for relief from responsibility.

27. **PUBLIC RECORDS:** Any material submitted in response to this Invitation to Bid shall become a public document pursuant to Section 119.07, FS. This includes material that the responding BIDDER might consider to be confidential or a trade secret. Any claim of confidentiality is waived upon submission, effective after opening of Bids pursuant to Section 119.07, FS.

If the contractor has questions regarding the application of chapter 119, Florida statutes, to the contractor's duty to provide public records relating to this contract, contact the custodian of public records, staff attorney's office at 772. 219.1200, extension 30241, Instructional Center Bldg. 30, 500 E. Ocean Blvd, Stuart, Florida 34994, email publicrecords@martin.k12.fl.us.

In compliance with F.S. 119.0701 the Contractor shall:

- Keep and maintain public records required by the public agency to perform the service.
- Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.

- Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
- Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.
- A request to inspect or copy public records relating to a public agency's contract for services must be made directly to the public agency. If the public agency does not possess the requested records, the public agency shall immediately notify the contractor of the request, and the contractor must provide the records to the public agency or allow the records to be inspected or copied within a reasonable time.
- If a contractor does not comply with the public agency's request for records, the public agency shall enforce the contract provisions in accordance with the contract.
- A contractor who fails to provide the public records to the public agency within a reasonable time may be subject to penalties under F.S. 119.10.
- If a civil action is filed against a contractor to compel production of public records relating to a public agency's contract for services, the court shall assess and award against the contractor the reasonable costs of enforcement, including reasonable attorney fees, if:
 1. The court determines that the contractor unlawfully refused to comply with the public records request within a reasonable time; and
 2. At least 8 business days before filing the action, the plaintiff provided written notice of the public records request, including a statement that the contractor has not complied with the request, to the public agency and to the contractor.
- A notice complies with subparagraph 2 above, if it is sent to the public agency's custodian of public records and to the contractor at the contractor's address listed on its contract with the public agency or to the contractor's registered agent. Such notices must be sent by common carrier delivery service or by registered, Global Express Guaranteed, or certified mail, with postage or shipping paid by the sender and with evidence of delivery, which may be in an electronic format.
- A contractor who complies with a public records request within eight (8) business days after the notice is sent is not liable for the reasonable costs of enforcement.

- 28 **LICENSES:** Bidders, both corporate and individual, must be fully licensed and certified for the type of work to be performed in the



State of Florida at the time of receipt. The submittal of any bid from a Contractor that is not fully licensed and/or certified shall be rejected.

- 29 **PERMITS:** The Bidder(s) shall be responsible for obtaining any necessary permits and shall comply with laws, rules, and regulations whether state or federal and with all local codes and ordinances without additional cost to the District.
- 30 **SUNBIZ:** Proposers, both corporate and individual, must provide proof that their firm is registered with the Division of Corporations for the State of Florida.
- 31 **BUSINESS TAX RECEIPT:** Bidder shall comply with Business Tax Receipt requirements for their business location, if applicable.. A copy of the business tax receipt or proof of exemption must be included with the submittal package, if applicable.
- 32 **BIDDER MAILING ADDRESS:** It is the responsibility of every Bidder to register and maintain their current registration information. Bidders that have received the BID from DemandStar.com must maintain their information on the DemandStar database. Bidders that have received the BID documents from the Martin County School District Purchasing Department and have not subscribed to the DemandStar service must maintain their current registration information with the Purchasing Department. The information used by the Purchasing Department is maintained at <http://www.demandstar.com>. DemandStar shall be used to make notice of BIDs and other information to Bidders. To check your current registration information log on to <http://www.demandstar.com>. You may also change/ update/revise your mailing address and commodity information on that website.
- 33 **ANTI-DISCRIMINATION:** The BIDDER certifies that they are in compliance with the non-discrimination clause contained in Section 202, Executive Order 11246, as amended by Executive Order 11375 relative to equal employment opportunity for all persons without regard to race, color, religion, sex or national origin. The provisions of the ADA Act of 1990 pertaining to employment shall also be applicable.
- The Bidder shall not discriminate on the basis of race, gender, gender identity or expression, religion, national origin, ethnicity, sexual orientation, age or disability in the solicitation, selection, hiring, or treatment of sub-contractors, vendors, suppliers, or commercial customers. Bidder shall provide equal opportunity for sub-contractors to participate in all of its public sector and private sector sub-contracting opportunities. Bidder understands and agrees that violation of this clause is a material breach of the contract and may result in contract termination, debarment, or other sanctions.
- 34 **MINORITY BUSINESS PARTICIPATION:** The District strongly encourages the use of Minority/Woman owned business enterprises for participation as associates, joint ventures, prime Contractors, and subcontractors in contracting opportunities.
- 35 **JOINT BIDS:** In the event multiple proposers submit a joint Bid in response to the BID, a single proposer shall be identified as the Prime Vendor. If offering a joint Bid, Prime Vendor must include the name and address of all parties of the joint Bid. Prime Vendor shall provide all bonding and insurance requirements, execute any Contract, complete the **REQUIRED RESPONSE FORM** shown herein, and have overall and complete accountability to resolve any dispute arising within this contract. Only a single contract with one proposer shall be acceptable. Prime Vendor responsibilities shall include, but not be limited to, performing of overall contract administration, preside over other proposers participating or present at District meetings, oversee preparation

of reports and presentations, and file any notice of protest and final protest as described herein. The Prime Vendor shall also prepare and present a consolidated invoice(s) for services performed. The District shall issue only one check for each consolidated invoice to the Prime Vendor for services performed. The Prime Vendor shall remain responsible for performing services associated with response to this BID.

- 36 **LOBBYING:** Lobbying is defined as any action taken by an individual, firm, association, joint venture, partnership, syndicate, corporation, and all other groups who seek to influence the governmental decision of a board member or District personnel after advertisement and prior to the posted recommendation on the award of the Contract.

Bidders are hereby advised that they are not to lobby with any District personnel or board members related to or involved with this bid until recommendation for award. All oral or written inquiries must be directed through the Purchasing Department.

Any Bidder or any individuals that lobby on behalf of Bidder during the time specified shall result in rejection / disqualification of said bid.

- 37 **CONE OF SILENCE:** A cone of silence is hereby established for all competitive selection processes for the provision of goods and services. The cone of silence is designed to protect the integrity of the procurement process by shielding it from undue influences prior to the recommendation of contract award. This cone of silence shall be imposed on these procurements after advertisement of same.

The cone of silence prohibits any communication regarding a competitive solicitation process. The cone of silence commences after the advertisement of the competitive solicitations. Competitive procurements are advertised on the purchasing department's web page or in a newspaper of general circulation. The cone of silence terminates at the time the School Board acts on a written recommendation from the purchasing department or planning and construction department regarding contract award; provided, however, that communications are permitted when the School Board receives public comment at the meeting when the recommendation is presented.

Section 119.071(1)(b)2., F.S., provides an exemption for "sealed bids, proposals, or replies received by an agency pursuant to a competitive solicitation" until such time as the agency provides notice of an intended decision or until 30 days after opening "the bids, proposals, or final replies," whichever is earlier.

The purchasing department and planning and construction department shall ensure that all solicitations include provisions describing the requirements and prohibitions of the cone of silence, including how a potential vendor, service provider, Bidder, lobbyist, or consultant may communicate with District personnel.

Any person, whether employed by the District or not, who knowingly violates a provision of this policy shall be prohibited from serving on a District competitive selection committee.

Violation of this policy by a particular Bidder, proposer, respondent, and/or representative may, at the discretion of the District, result in rejection of said Bidder, proposer, respondent, and/or representative's bid, proposal, or offer and may render any contract award to said Bidder, proposer, or respondent voidable.

In addition to any other penalty provided by law, violation of this policy by a District employee shall subject said employee to disciplinary action up to and including dismissal from service.

38. **ASSIGNMENT:** The successful Bidder shall not assign, transfer, convey, sublet, or otherwise dispose of the contract, or of any or



all of its rights, title, or interest therein, or its power to execute such contract to any person, firm, or corporation without prior written consent of the District.

nonacademic commodities and contractual services must include a statement indicating that the purchasing agreements and state term contracts available under s. 287.056 have been reviewed.

- 39. **SUBCONTRACTING:** If an awarded Bidder intends to subcontract any portion of the Contract for any reason, the name and address of the subcontracting firm must be submitted along with the Bidder's bid or prior to work for approval. The Purchasing Department reserves the right to reject a subcontractor who previously failed in the proper performance of a contract or failed to deliver on-time contracts of a similar nature, or who, the DISTRICT has determined in its sole discretion, is not in the position to perform the contract due to the subcontractor's size, experience, or resources.

"The purchasing agreements and state term contracts available under s. 287.056 have been reviewed, and it is determined that the best course of action is to issue a solicitation."

In addition, the awarded Bidder's subcontractors shall comply with all requirements of Fla. Stat. 1012.32 and 1012.465 by completing the fingerprint screening required of the awarded Bidder and all of its employees /subcontractors who provide services under this contract.

- 41. **REPRESENTATIVE:** At all times during the term of the contract, the successful Contractor shall act as an independent Contractor and at no time shall be considered an agent or partner of the District.

If requested by the District or EOR, Contractor shall provide an experience statement with pertinent information regarding similar projects and other evidence of qualification for each Subcontractor, Supplier, person or organization. If the District or EOR after due investigation has reasonable objection to any proposed Subcontractor, Supplier, other person or organization, either may, before the Notice of Tentative Award is given, request the apparent Successful Bidder to submit an acceptable substitute without an increase in Bid price.

BONDING GUARANTY/EVIDENCE: The Bid submittal **must** be accompanied by a notarized letter from your firm's Surety guaranteeing that if your firm is awarded a contract, the Surety will issue a letter of credit that attests to the bonding capacity (the maximum amount of surety credit a surety company) will provide to a contractor, contingent upon a top-notch organization, strong financial presentation, and experience. The Surety shall also guarantee your firm by issuing Performance and Payment bonds as required by the District. Failure to submit the Surety Guaranty letter with your Bid shall cause your bid to be rejected as non-responsive. The District shall be the sole judge in determining Bonding Capacity.

If the apparent Successful Bidder declines to make any such substitution, the District may award the contract to the next lowest Bidder that proposes to use acceptable Subcontractors, Suppliers and other persons and organizations. The declining to make requested substitutions **shall constitute grounds** for sacrificing the Bid Security of any Bidder. Any Subcontractor, Supplier, other person or organization listed and to whom the District or EOR does not make written objection prior to the giving of the Notice of Tentative Award will be deemed acceptable to the District and EOR subject to revocation of such acceptance after the Effective Date of the Contract as provided in **Paragraph 6.5.2** of the Supplementary Conditions. Subcontractors shall not be changed without the approval of the District and the EOR. No acceptance by the District or EOR of any such Subcontractor, Supplier or other person or organization shall constitute a waiver of any right of the District or EOR to reject defective WORK or materials not conforming with these specifications.

In contracts where the Contract Price is on the basis of Cost-of-the-WORK Plus a Fee, the apparent Successful Bidder, prior to the Notice of Tentative Award, shall identify in writing to the District those portions of the WORK that such Bidder proposes to subcontract and after the Notice of Tentative Award the Successful Bidder may only subcontract other portions of the WORK with the District's written consent.

No BIDDER shall be required to employ any Subcontractor, other person or organization against which Bidder has reasonable objection.

- 40. **STATE OF FLORIDA TERM CONTRACTS 1010.04, F.S.:** (1)(a) Purchases and leases by school districts and Florida College System institutions shall comply with the requirements of law and rules of the State Board of Education. (b) Before purchasing nonacademic commodities and contractual services, each district school board and Florida College System institution board of trustees shall review the purchasing agreements and state term contracts available under s. 287.056 to determine whether it is in the school board's or the board of trustees' economic advantage to use the agreements and contracts. Each bid specification for



**SECTION III
GENERAL TERMS AND CONDITIONS**

These general terms and conditions apply to all offers made to the Martin County School District by all prospective Bidders, including but not limited to, Request for Quotes, Invitations to Bid, and Request for Proposals. As such the words "RFP", "Bid", and "Proposal" are used interchangeably in reference to all offers submitted by prospective Bidders.

Where there appears to be variances or conflicts between the General Terms and Conditions, Supplementary Conditions, and the Special Conditions and/or Detailed Specifications outlined in this ITB, Section III, General Terms and Conditions, Item #2, Order of Precedence shall prevail.

1. **ADVERTISING:** In submitting a Bid, Bidder agrees not to use the results there from as a part of any commercial advertising.

2. **ORDER OF PRECEDENCE:** In resolving conflicts resulting from errors or discrepancies in any of the ITB or Contract Documents, the order of precedence (lower number item controls) shall be as follows:

- Amendment
- Change Order
- Contract/Agreement or Purchase Order
- Addenda
- Bid Form, if applicable
- Technical Specifications/Attachments
- Special Conditions
- Supplementary Conditions
- General Terms and Conditions
- Instructions to Bidders
- Invitation to Bid

3. **BID SECURITY:** When required by the Bid documents each Bid must be accompanied by a Bid security made payable to the Martin County School District in an amount of five percent (5%) of the Bidder's maximum Bid price and in the form of a certified check or cashier's check drawn upon any State or National Bank of Florida or a Bid Bond issued by a Surety that must have a "Best" rating of "A", and be authorized to do business in Florida.

Said check or Bid Bond shall be made payable to the Martin County School District and shall be given as a guarantee that Bidder, upon receipt of Notice of Tentative Award of the purchase order or contract, shall enter into the Contract or accept the purchaser order with the District, and furnish the necessary documents including, but not limited to: insurance certificates, other required Bonds, each of the said Bonds to be in the amount stated on the Invitation to Bid.

The Attorney-in-Fact who signs the bond must file with the bond a current certificate of proof of appointment as Attorney-In-Fact.

The Bid Security of the Successful Bidder shall be retained until such Bidder has been awarded a binding Contract or Purchase Order or Contract security whereupon the Bid security shall be returned. If the apparent Successful Bidder fails to execute and deliver the Purchase Order or Contract and furnish the required contract security within fifteen (15) calendar days after the Notice of Tentative Award, which is issued prior to the District's award of Purchase Order or Contract, the District may annul the Notice of Tentative Award, and the bid security of that Bidder shall be forfeited and retained by the District. The District may then recommend to the Board to accept the Bid of the next lowest responding Bidder, or re-advertise for bids. If the Bid of the

next lowest Bidder is accepted, this acceptance shall bind such Bidder as though it was the original Successful Bidder.

There shall be no binding contract until such time as the Board or designee executes the Contract or issues the Purchase Order as the final award of the contract. The Bid Security of other Bidders whom District believes to have a reasonable chance of receiving the award may be retained by the District until the earlier of the seventh day after the effective date of the Purchase Order or Contract or the ninety-first day after the Bid opening, whereupon Bid security furnished by such Bidders shall be returned. Bid security with Bids which are not competitive or responsive shall be returned upon award of the Bid.

4. **EXAMINATION OF BID DOCUMENTS & SITE:** Pursuant to Article 4, Supplementary Conditions, Bidder must satisfy itself by personal and thorough examination of the location of the proposed WORK, Bid Documents, requirements of the WORK and the accuracy of the estimate of the quantities of the WORK to be done; and Bidder shall not at any time after the submission of a Bid dispute or complain of such estimate nor the nature or amount of WORK to be done.

By submission of its Bid, Bidder affirms that it has, at its own expense, made or obtained any additional examinations, investigations, explorations, tests, and studies and obtained any additional information and data which pertain to the physical conditions (surface, subsurface, and Underground Utilities) at or contiguous to the site or otherwise, prior to bidding which may affect cost, progress, or performance of the WORK and which Bidder deems necessary to determine its Bid for performing the WORK in accordance with the time, price, and other terms and conditions of the Bid Documents and/or Bidder has satisfied itself with respect to such conditions and it shall make no claims against the District or the EOR if on carrying out the WORK it finds that the actual conditions do not conform to those indicated.

On request, the District will provide Bidder access to the site to conduct such investigations and tests, as Bidder deems necessary for submission of its Bid. Bidder shall schedule such access in advance with the District.

Upon completion of such additional field investigations and tests, Bidder shall completely restore disturbed areas.

5. **ADJUSTMENTS/CHANGES/DEVIATIONS:** No adjustments, changes, or deviations shall be accepted on any item unless conditions or Specifications of a Bid expressly so provide. All adjustments, changes or deviations shall require prior written approval and shall be binding **ONLY** if issued through the District's Purchasing Office.

6. **BID EXEMPT:** Purchases shall not include any items or services available at lower prices on other public entity or



State of Florida Contract. The District reserves the right to Bid separately any item or service if deemed to be in the best interest of the District.

- 7. **PROMOTIONAL PRICING:** In addition, Bidder shall offer to the District, during the Contract period, any item(s) offered on a "promotional" basis from the manufacturer. It shall be the successful Bidder's responsibility to monitor said item(s) and report any that are or shall be offered at lower price.
- 8. **CONTRACT SECURITY/ INSURANCE:** When required by the specification herein, the successful Bidder shall furnish ALONG WITH THE EXECUTED CONSTRUCTION CONTRACT, a Performance and Payment bond, and/or Warranty bond, and insurance certificates as stated on the cover page of this solicitation, on the DISTRICT's forms, within fifteen (15) calendar days after notification of **INTENT TO AWARD** contract award. Failure to furnish the required bonds within the time specified may be cause for rejection of the bid and any bid deposit may be retained by the DISTRICT as liquidated damages and not as a penalty. Said sum shall be a fair estimate of the amount of damages the DISTRICT would sustain due to BIDDER's failure to furnish said bonds.
- 9. **PRICES:** Bid prices shall be fixed and firm to the extent required under Special Conditions. In the absence of a reference in the Special Conditions, bid prices shall be fixed and firm for a period of ninety (90) calendar days. Give both unit price and extend total. Prices must be stated in units of quantity specified in the bid specifications. In case of a discrepancy in computing the amount of the bid, the UNIT PRICE quoted shall govern. All prices FOB destination, freight prepaid (unless otherwise stated in special conditions). Each item must be bid separately and no attempt is to be made to tie any item or items in with any other item or items. Payment shall be made only after receipt and acceptance of materials/services. Cash discounts may be offered for prompt payment; however, such discounts shall not be considered in determining the lowest net cost for bid evaluation.

All payments shall be governed by the *Local Government Prompt Payment Act*, F.S. Chapter 218.

- 10. **DELIVERY:** All items shall be delivered F.O.B. destination to a specific District address. All delivery costs and charges must be included in the bid price. The District reserves the right to cancel orders or any part thereof, without obligation if delivery is not made at the time specified in the bid.

Unless actual date of delivery is specified, show number of days required to make delivery after receipt of purchase order in space provided. Delivery time may become a basis for making an award

NOTE TO VENDORS DELIVERING TO MARTIN COUNTY SCHOOLS WAREHOUSE: Normal receiving hours are Monday through Friday (excluding holidays) 8:00 A.M. to 2:30 P.M. Summer receiving hours, typically mid June to early August, are 7:30 AM to 2:00 PM, Monday through Thursday. This warehouse is located at 2845 SE Dixie Highway, Building 7, Stuart, Florida 34997.

- 11. **MISTAKES:** Bidders are expected to examine the Specifications, Plans, Delivery Schedule, Bid prices, Extensions and all Instructions pertaining to supplies and services. **FAILURE TO DO SO SHALL BE AT THE BIDDER'S RISK.** In the event of extension error(s), the unit price shall prevail and the Bidder's total offer shall be corrected accordingly. Erasures or corrections on Bids must be initialed in ink by the Bidder.

Discrepancies in the multiplication of units of WORK and unit prices will be resolved in favor of the unit price. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

- 12. **INVOICING AND PAYMENT:** Payment for any and all invoice(s) that may arise as a result of a Contract or Purchase Order issued pursuant to this Bid Specification shall minimally meet the following conditions to be considered as a valid payment request. **If progress payments are applied for, all invoicing and payments shall be as stipulated under the Special Conditions section titled "Progress Payments".**

Timely submission of a property certified invoice(s) in strict accordance with the price(s) and delivery elements as stipulated in the Contract document should be submitted to:

Martin County School District
 Attn: Accounts Payable Department
 500 East Ocean Blvd
 Stuart, FL., 34994
invoices@martin.k12.fl.us

All invoices shall be based upon and submitted with an approved Schedule of Values. Said Schedule of Values shall also contain a percentage breakdown of the supplies and services completed for which payment is requested in comparison to the total contract.

All invoices submitted shall consist of an original and one (1) copy;

- clearly referenced the subject Contract or Purchase Order number;
- provide a sufficient salient description to identify the goods or services for which payment is requested;
- contain date of delivery;
- original or legible copy of a signed delivery receipt including both manual signature and printed name of a designated District employee or authorized agent; be clearly marked as "partial", "complete" or "final" invoice. The District shall accept partial deliveries.

The invoice shall contain the Bidder's Federal Employer Identification number.

The District's terms of payment, unless otherwise stated in the Contract or Purchase Order documents, are "Net 30 Days" after acceptance of goods or services and receipt of an acceptable invoice as described herein. Any other items of payment must have been previously approved by the District and appear on the Contract or Purchase Order document to be binding on the District.

Should the District return an invoice for correction, the Vendor shall resubmit a corrected invoice to the District for processing.

Payment will be made after the goods/services from the awarded Proposer have been received/completed; inspected and found to comply with negotiated contract, free of damage or defect; and a properly billed invoice is received and processed in the Accounting Services Department.

- 13. **ESTIMATED QUANTITIES:** The estimate of the various quantities of work or goods applicable to unit price items as shown on the Bid Form is approximate and is intended solely to provide the basis of comparison upon which the Award of Contract is made. Final payment shall be made on the basis of the actual quantities rec.



The District reserves the right to reduce the quantities of WORK to be done and to completely eliminate any items of the WORK listed in the Bid Form in order that the WORK can be completed within the amount of available funds.

14. **SUBSTITUTE or "OR EQUAL ITEMS"**: The Contract, if awarded, will be on the basis of material and equipment described in the Drawings or specified in the Specifications without consideration of possible substitute or "or-equal" items. Whenever it is indicated in the Drawings or specified in the Specifications that a substitute or "or-equal" item of material or equipment may be furnished or used by Successful Bidder if acceptable to District, application for such acceptance must be made fifteen (15) calendar days prior to the Bid opening date, or such application will not be considered by District. The procedure for submittal of any such application, including those applications made after award of the Construction Contract by Successful Bidder for consideration by EOR, is set forth in Section 6.4 of the Supplementary Conditions which may be supplemented in the General Requirements.
15. **UNBALANCED BIDS**: Bids that are judged to be mathematically or materially unbalanced shall be cause for the bid to be rejected as non-responsive.
16. **ESTIMATED DOLLAR VALUE**: No guarantee of the dollar amount of this Bid is implied or given.
17. **INCORRECT PRICING/INVOICES**: Any pricing on invoices that are incorrect and were not included on the original Purchase Order, must be brought to the attention of the Purchasing Agent and corrected prior to the shipment(s) of goods or initiation of services. Additional costs that were not brought to the District's attention and did not receive written approval via a Change Order issued by the Purchasing Agent shall not be honored.
18. **DISTRICT PURCHASING CARD**: The School District has authorized the use of a Purchasing Card to expedite small dollar purchases for materials, supplies, and other items needed for daily operations. Awarded Bidders may be presented these credit cards by authorized School District personnel for the above mentioned purchases. Bidder (with the exception of travel). Purchase orders are strongly discouraged for purchasing materials, and supplies under \$1,000.
19. **CHANGE ORDERS**: Any addition(s) to the Statement of Work or to a Purchase Order as a result of the ITB award that adds additional costs must be brought to the School Districts attention and approved by the Purchasing Department prior to commencement of additional work, shipment of goods or the addition of unauthorized freight charges. Once approved, a Change Order shall be issued to include the additional costs and work may commence and/or shipment of goods can begin. Additional costs that were not brought to the district's attention and did not result in a Change Order approved by the Purchasing Department shall not be honored.
20. **DISPUTES**: In case of any doubt or difference of opinion as to the services to be furnished hereunder, the decision of the District shall be final and binding on both parties.
21. **BID PROTEST**: Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.
- 21.1 Any person who is adversely affected by the agency decision or intended decision shall file with the agency a notice of protest in writing within 72 hours after the posting of the notice of decision or intended decision.
- 21.2 With respect to a protest of the terms, conditions, and specifications contained in a solicitation, including any provisions governing the methods for ranking proposals, or replies, awarding contracts, reserving rights of further negotiation, or modifying or amending any contract, the notice of protest shall be filed in writing within 72 hours after the advertisement of the solicitation.
- 21.3 The formal written protest shall be filed within 10 days after the date the notice of protest is filed. Failure to file a notice of protest or failure to file a formal written protest shall constitute a waiver of proceedings under this chapter. The formal written protest shall state with particularity the facts and law upon which the protest is based. Saturdays, Sundays, and state holidays shall be excluded in the computation of the 72-hour time periods provided by this paragraph.
- 21.4 In order for the District to consider the protest, the protesting party shall deliver with the formal written protest to the District a "protest bond" in the amount as follows:
- 21.4.1 Twenty-five thousand dollars (\$25,000) or 2 percent (2%) of the lowest accepted proposal, whichever is greater, for projects valued over \$500,000; and
- 21.4.2 Five percent (5%) of the lowest accepted proposal for all other projects, conditioned upon payment of all costs and fees which may be adjudged against the protestor in the administrative hearing.
- 21.4.3 If at the hearing the agency prevails, it shall recover all costs and attorney's fees from the protestor; if the protestor prevails, the protestor shall recover from the agency all costs and attorney's fees.
- 21.4.4 If the protest (with respect to 21.2 above) the protest bond shall be the same as 21.4.1 and 21.4.2, except that the protest bond amount shall be calculated against the budgeted amount of the project.
22. **DEBARMENT**: The Board shall have the authority to debar a person / corporation for cause for consideration or award of future contracts. The debarment shall be for a period commensurate with the seriousness of the causes, generally not to exceed three (3) years. When the offense is willful or blatant, a longer term of debarment may be imposed, up to an indefinite period.
23. **DELETION/OVERSIGHT/MISSTATEMENT**: Any deletion, oversight or misstatement of the Specifications shall not release the Bidder from the responsibility of completing the project within the agreed upon time frame.
24. **SCRUTINIZED COMPANIES**: Pursuant to Sections 287.135, 215.4725, and 215.473, of the Florida Statutes which prohibits agencies from contracting with any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, participation in the Boycott of Israel, the Scrutinized Companies with Activities in the Iran Petroleum Energy List, and is not engaged in business operations in Cuba or Syria are prohibited from contracting for goods or services in any amount at the time of submitting to this solicitation through the term of this contract, including renewals or extensions.

Acceptance of an offer certifies Contractor attests that firm is not on any list, engaged in any business operations, or participates in activities as specified in this section. If firm is



found negligent, contract shall be terminated; and submission of a false certification may subject firm to civil penalties, attorney's fees, and/or costs

25 **DEMONSTRATIONS/SAMPLES/MOCKUPS:** The District may request a full demonstration of any product or service before the award of a contract. All demonstrations will be done at the expense of the Bidder.

When requested, samples are to be furnished free of charge to the District. If a sample is requested it must be delivered within seven (7) days of the request unless otherwise stated in the bid documents. Each sample must be marked with the following:

- The Bidder's name, the bid item and the manufacturer's number.
- Samples shall not be returned unless the Bidder requests it when samples are delivered.
- Samples must be a complete pack, box, bag, etc. of the required items(s), packaged as specified in the bid document.
- Failure to provide samples packaged as required by the bid specifications shall result in the item(s) and/ or the bid being rejected as nonconforming.
- Items may be tested for compliance with specifications under the direction of the Florida Department of Agriculture and Consumer Services, or an independent testing laboratory. Bidders shall assume full responsibility for payment for any and all charges for testing and analysis of any materials offered or delivered that **do not conform** to the minimum required specifications. Bidder's disposition of all items delivered in this category must be at no expense to the District.

The DISTRICT may request a full demonstration of any product or service before the award of a contract. All demonstrations shall be done at the expense of the BIDDER.

Mockups must be approved prior to work beginning. The mockup shall be the basis for the quality of work and the work's acceptance.

26 **COPYRIGHTS OR PATENT RIGHTS:** The Bidder warrants that there has been no violation of copyrights or patent rights in the manufacturing, producing or selling the goods shipped or ordered as a result of this ITB. The seller agrees to hold the District harmless from all liability, loss or expense occasioned by any such violation.

27 **DEFAULT:** In case of default by the Bidder, the Board may procure the articles or services from other sources and hold the Bidder responsible for any excess costs incurred released.

28 **EMPLOYEES:** Employees of the awarded Bidder shall at all times be under its sole direction and not an employee or agent of the District. The Awarded Bidder shall supply competent and physically capable employees. The District may require the Awarded Bidder to remove an employee it deems careless, incompetent, insubordinate or otherwise objectionable. Awarded Bidder shall be responsible to the District for the acts and omissions of all employees working under its directions.

29 **ANTI-DISCRIMINATION:** The Bidder certifies that they are in compliance with the non-discrimination clause contained

in Section 202, Executive Order 11246, as amended by Executive Order 11375 relative to equal employment opportunity for all persons without regard to race, color, religion, sex or national origin. The provisions of the ADA Act of 1990 pertaining to employment shall also be applicable.

30 **NON-DISCRIMINATION & EQUAL OPPORTUNITY**

EMPLOYMENT: The Bidder certifies that they are in compliance with the non-discrimination clause contained in Section 202, Executive Order 11246, as amended by Executive Order 11375 relative to equal employment opportunity for all persons without regard to race, color, religion, sex or national origin. The provisions of the ADA Act of 1990 pertaining to employment shall also be applicable.

30.1 During the performance of the Contract, the awarded Bidder shall not discriminate against any employee or applicant for employment because of race, gender, gender identity or expression, religion, national origin, ethnicity, sexual orientation, marital status, political affiliation, familial status, age or disability in the solicitation, selection, hiring, or treatment of sub-contractors, vendors, suppliers, or commercial customers

30.2 The awarded Bidder will take affirmative action to ensure that employees are treated during employment, without regard to their race, religion, color, gender or national original, or disability. Such actions must include, but not be limited to, employment, promotion; demotion or transfer; recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

30.3 The awarded Bidder shall agree to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

30.4 The awarded Bidder further agrees that he/she will ensure that Subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause. Bidder shall provide equal opportunity for sub-contractors to participate in all of its public sector and private sector sub-contracting opportunities.

30.5 Bidder understands and agrees that violation of this clause is a material breach of the contract and may result in contract termination, debarment, or other sanctions.

31 **TAXES:** The District is exempt from all Federal, State, and Local taxes. An exemption certificate will be provided.

32 **SALES TAX:** All materials and supplies necessary for completion of this contract are subject to Florida Sales and Use Tax in accordance with Florida Statutes and shall be included in the Contract Price stated by the Contractor.

33. **DIRECT MATERIAL PURCHASES:** The District reserves the right to issue purchase orders for materials to either the Contractor's or the District's suppliers for construction related materials.

34 **UNIT PRICES:** Where a discrepancy between unit price and total price is indicated on a Bidder's submitted Schedule of ITB Prices or Bid Form, the unit prices shall prevail.

35 **EXCLUSIVE RIGHTS-USE OF OTHER CONTRACTS:** The right to provide the commodities and services granted under this contract shall not be exclusive. The District reserves the right to utilize any other District contract, any State of Florida Contract, any contract awarded by any other city or county governmental agencies, any other school board, any other



community college/state university system cooperative ITB agreement, or to directly negotiate/purchase per School Board policy and/or State Board Rule 6A-1.012(6) in lieu of any offer received or award made as a result of this ITB, if it is in the best interest to do so. The District also reserves the right to separately ITB any single order or to purchase any item on this ITB if it is in its best interest to do so.

- 36 **COOPERATIVE PURCHASING AGREEMENTS:** All Bidders submitting a response to this ITB agree that such response also constitutes a bid to all State Agencies and Political Subdivisions of the State of Florida under the same conditions, for the same prices and for the same effective period as this bid, ***should the awarded Bidder(s) deem it in the best interest of their business to do so.*** This agreement in no way restricts or interferes with any state agency or political subdivision of the State of Florida to re bid any or all items.
- 37 **RIGHTS TO BID DOCUMENTS:** All copies and contents of any bid, attachment, and explanation thereof submitted in response to this ITB (except copyright material), shall become the property of the School District of Martin County, Florida. The School District reserves the right to use, at its discretion, and in any manner it deems appropriate, any concept, idea, technique or suggestion contained therein. All copyright and industrial/commercial proprietary, confidential and/or privileged information such as financial records, must be clearly identified, as such confidentiality is protected until award of contract, in accordance with Chapter 119, F.S. Said material shall be returned to the Bidders prior to award of contract so as to preserve the proprietary and confidential nature of its contents.
- 38 **SEVERABILITY:** Indulgence by the District on any non-compliance by the Bidder does not constitute a waiver of any rights under this ITB. If any term or provision of this ITB or resulting Contract, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this ITB or Contract, or the application of such terms or provisions to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term provision of this Bid/Contract shall be deemed valid and enforceable to the extent permitted by law.
- 39 **VENUE:** All contracts shall be governed by the laws of the State of Florida and venue shall be in Martin County, Florida. The venue of any legal action resulting from this Proposal shall be Martin County, Florida.

- 40 **EXPENSES:** Neither the DISTRICT nor its representatives shall be liable for any expenses incurred in connection with preparation of a response to this RFP. All expenses in the preparation of this RFP are the sole responsibility of the Proposer. All Submittals should be prepared to provide a straightforward and concise description of the respondents' qualifications and ability to meet the requirements of the RFP.
- 41 **UNAUTHORIZED WORKERS:** The District shall not intentionally award publicly-funded contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324a(e) [Section 274A(e) of the Immigration and Nationality Act ("INA")]. The District shall consider the employment by any contractor of unauthorized aliens a violation of Section 274A(e) of the INA. Such violation by the Recipient of the employment provisions contained in Section 274A(e) of the INA shall be grounds for unilateral cancellation of this Agreement by the District.
- 42 **IRREGULARITIES:** Proposals not meeting stated minimum terms and qualifications may be rejected by the District as non-responsive or irregular. However, the District reserves the right to waive any irregularities, technicalities or informalities in any proposal. The District reserves the right to allow for the clarification of questionable entries and for the correction of typographical and mathematical errors.
- 43 **SOVEREIGN IMMUNITY:** No Waiver of Sovereign Immunity: Nothing contained herein is intended to serve as a waiver of sovereign immunity by any agency or political subdivision to which sovereign immunity may be applicable or as a waiver of limits to liability or rights existing under Section 768.28, Florida Statutes.
- 44 **VERIFICATION OF EMPLOYMENT:** The District shall not intentionally award contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions of the Immigration and Nationality Act ("INA"). The District shall consider the employment by the Contractor of unauthorized aliens a violation of 8 U.S.C. Section 1324a(e) [Section 274A(e) of the INA]. The Contractor agrees that such violation by the Contractor shall be grounds for the unilateral cancellation of this Contract by the District.



SECTION IV
SUPPLEMENTARY CONDITIONS
BY ARTICLES FOR
THE CONSTRUCTION CONTRACT

(ARTICLE 1- Definitions are identified and incorporated in Section I, Definitions, Abbreviations, and Acronyms)

ARTICLE 2 – PRELIMINARY MATTERS

2.1 DELIVERY OF BONDS AND INSURANCE CERTIFICATES:

2.1.1 When the CONTRACTOR delivers the signed Contracts to the DISTRICT, the CONTRACTOR shall also deliver to the DISTRICT such Bonds and Insurance Policies, Certificates or other documents as the CONTRACTOR may be required to furnish in accordance with the Contract Documents. The aforementioned documents must be submitted to the DISTRICT prior to any WORK being performed.

2.2 COPIES OF DOCUMENTS:

2.2.1 The DISTRICT shall furnish to CONTRACTOR ONE (1) copy (unless additional copies exist) of the Contract Documents for the execution of the WORK. CONTRACTOR shall be responsible for procuring additional copies.

2.3 NOTICE TO PROCEED:

2.3.1 The Contract Times shall commence to run on the date stated in the Notice to Proceed.

2.4 STARTING THE WORK:

2.4.1 CONTRACTOR shall begin to perform the WORK on the commencement date stated in the Notice to Proceed, but no WORK shall be done at the Site prior to said commencement date.

1.4.2 CONTRACTOR'S Review of Contract Documents: Before undertaking each part of the WORK, CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field measurements. CONTRACTOR shall promptly report in writing to EOR any conflict, error, ambiguity or discrepancy which CONTRACTOR may discover and shall obtain a written interpretation or clarification from EOR before proceeding with any WORK affected thereby; however, CONTRACTOR shall not be liable to DISTRICT or EOR for failure to report any conflict, error, ambiguity or discrepancy in the Contract Documents, unless CONTRACTOR knew or reasonably should have known thereof.

2.4.3 INTERIOR INSPECTION FORM: Prior to beginning work, inspect with Owner's Representative or Architect, building interior(s). Log conditions of ceiling tiles, lights, walls and flooring materials using the Interior Inspection Form attached at the end of this Section. Confirmation of existing conditions shall be made and recorded onto a video disk.

Submit two copies of the form signed by the Contractor, Owner's Representative or Architect and one copy of video disk.

2.4.4 EXTERIOR INSPECTION FORM: Prior to beginning work, inspect with Owner's Representative or Architect, existing building exterior(s) and site conditions. Log, as required, conditions of exterior walls, building attachments, sidewalks, miscellaneous paving and landscaping using the Exterior Inspection Form attached at the end of this Section. Confirmation of existing conditions shall be recorded onto a video .

Submit two copies of form signed by the Contractor, Owner's Representative or Architect and one copy of video disk.

2.5. PRECONSTRUCTION CONFERENCE:

2.5.1 The CONTRACTOR is required to attend a preconstruction conference within twenty (20) days after the Contract Times start to run, but before any WORK at the site is started. This conference shall be attended by the DISTRICT, CONSULTANT, and others as appropriate in order to discuss the WORK.

2.5.2 The CONTRACTOR'S initial schedule for shop drawings submittals, obtaining permits and Plan of Operation and CPM Schedule shall be reviewed and finalized. As a minimum, the CONTRACTOR'S representatives should include its project manager and schedule expert. If the submittals are not finalized at the end of the meeting, additional meetings shall be held so that the submittals can be finalized prior to the submittal of the first Application for Payment. No Application for Payment shall be processed prior to receiving acceptable initial submittals from the CONTRACTOR.

2.5.3 DISTRICT shall schedule preconstruction conference.

2.5.3.1 Attendance Required: DISTRICT's Project Manager, EOR, and Contractor/CM Project Manager and Superintendent.

2.5.3.2 Agenda:

Distribution of Contract Documents.

Confirmation of prior submission (during bid process) of list of Subcontractors, list of Products, Schedule of Values, and Progress Schedule.

2.5.3.3 Designation of personnel representing the parties in Contract, and the EOR.

2.5.3.4 Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders and Contract closeout procedures.

Scheduling.

2.5.3.5 Scheduling activities of a Geotechnical Engineer.

2.5.3.6 Issuance of Notice to Proceed.

2.5.3.7 Record minutes and distribute copies within two days after meeting to participants, with copies to EOR, DISTRICT, participants, and those affected by decisions made.

2.6 SITE MOBILIZATION MEETING

2.6.1 DISTRICT will schedule a meeting at the Project site prior to Contractor occupancy.

2.6.2 Attendance Required: DISTRICT, EOR, Special Consultants, and Contractor, Contractor's Superintendent, and major Subcontractors.

2.6.3 Agenda:

2.6.3.1 Use of premises by DISTRICT and Contractor.

2.6.3.2 DISTRICT's requirements and partial occupancy.



2.6.3.3 Construction facilities and controls provided by DISTRICT.

2.6.3.4 Temporary utilities provided by DISTRICT.

2.6.3.5 Survey and building layout.

2.6.3.6 Security and housekeeping procedures.

2.3.3.7 Schedules.

2.6.3.8 Application for payment procedures.

2.6.3.9 Procedures for testing.

2.6.3.10 Procedures for maintaining record documents.

2.6.3.11 Requirements for start-up of equipment.

2.6.3.12 Inspection and acceptance of equipment put into service during construction period.

2.6.3.13 Record minutes and distribute copies within two days after meeting to participants, with copies to CONSULTANT, DISTRICT, participants, and those affected by decisions made.

2.7 PROGRESS MEETINGS

2.7.1 Schedule and administer meetings throughout progress of the work at maximum monthly intervals.

Make arrangements for meetings, prepare agenda with copies for participants, and preside at meetings.

2.7.2 Attendance Required: Job superintendent, major Subcontractors and suppliers, DISTRICT, EOR, as appropriate to agenda topics for each meeting.

2.7.3 Agenda:

2.7.3.1 Review minutes of previous meetings.

2.7.3.2 Review of Work progress.

2.7.3.3 Field observations, problems, and decisions.

2.7.3.4 Identification of problems that impede planned progress.

2.7.3.5 Review of submittals schedule and status of submittals.

2.7.3.6 Review of off-site fabrication and delivery schedules.

2.7.3.7 Maintenance of progress schedule.

2.7.3.8 Corrective measures to regain projected schedules.

2.7.3.9 Planned progress during succeeding work period.

2.7.3.10 Coordination of projected progress.

2.7.3.11 Maintenance of quality and work standards.

2.7.3.12 Effect of proposed changes on progress schedule and coordination.

2.7.3.13 Other business relating to work.

2.7.3.14 Record minutes and distribute copies within two days after meeting to participants, with copies to EOR, DISTRICT, participants, and those affected by decisions made.

2.8 PREINSTALLATION MEETING

2.8.1 When required in individual specification section, convene a pre-installation meeting at the site prior to commencing work of the section.

2.8.2 Require attendance of parties directly affecting, or affected by, work of the specific section.

2.8.3 Notify DISTRICT and EOR five (5) working days in advance of meeting date.

2.8.4 Prepare agenda and preside at meeting:

2.8.5 Review conditions of installation, preparation and installation procedures.

2.8.6 Review coordination with related work.

2.8.7 Record minutes and distribute copies within two days after meeting to participants, with copies to EOR, DISTRICT, participants, and those affected by decisions made.

2.9 FINALIZING SCHEDULES:

2.9.1 Within ten (10) days of receiving the Notice to Proceed the CONTRACTOR shall submit the final schedule approved by the DISTRICT and EOR. The finalized progress schedule shall be acceptable to the DISTRICT as providing an orderly progression of the WORK to completion within the Contract Time, but such acceptance shall neither impose on the DISTRICT responsibility for the progress or scheduling of the WORK nor relieve CONTRACTOR from full responsibility thereof. The finalized schedule of Shop Drawing submissions shall be acceptable to the DISTRICT as providing a workable arrangement for processing the submissions. The finalized Schedule Of Values shall be acceptable to the DISTRICT as to form and substance.

2.10 SUBMITTAL PROCEDURES

2.10.1 SCOPE OF WORK

Administrative and procedural requirements for processing of submittals during construction process. Submittals may include the following:

- Proposed Products Lists.
- Proposed Vendor List.
- Product Data.
- Shop Drawings.
- Samples.
- Design Data.
- Field Test Reporting.
- Quality Control Reporting.
- Certificates.
- Manufacturer's Installation, Handling and Storage Instructions.
- Manufacturer's Field Reports.
- Erection Drawings.
- Closeout Documents
- Warranties.
- Scheduling of Work
- Construction Progress Schedule.
- Submittals Schedule.
- Survey and Layout Data.
- Construction Progress Reporting.
- Periodic Work Observation.
- Photographic Documentation.
- Purchase Order Tracking.
- Operation and Maintenance Documentation

2.10.2 RELATED SECTIONS

- A. Payment Procedures.
- B. Project Coordination.
- C. References.
- D. Quality Control.
- E. Product Storage and Handling Requirements.
- F. Closeout Submittals.



2.10.2.1 SEE 2.10.2 RELATED SECTIONS AND SUBMITTAL SECTIONS 2.10.1 FOR INDIVIDUAL SUBMITTAL PROCEDURES.

2.10.3 SUBMITTAL PROCEDURES-GENERAL

2.10.3.1 Submittal Procedures shall be in conformance with General Conditions of the Contract and as amended by District.

2.10.3.2 Transmit each submittal with District's Standard Transmittal form.

2.10.3.3 Sequentially number each transmittal forms. Revise submittals with original number and a sequential alphabetic suffix.

2.10.3.4 Identify project, Contractor, subcontractor or supplier pertinent drawing and detail number, and specification section number, as appropriate.

2.10.3.5 Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, adjacent construction work, and coordination of information are in accord with requirements of the work and contract documents.

2.10.3.6 Schedule submittals to expedite the project, and deliver to Consultant and District at business address. Coordinate submission of related items.

2.10.3.7 For each submittal for review, allow 10 days excluding delivery time to and from the Contractor.

2.10.3.8 Identify variations from contract documents and product or system limitations, which may be detrimental to successful performance of the completed work.

2.10.3.9 Provide space for Contractor and EOR review stamps.

2.10.3.10 When revised for resubmission, identify all changes made since previous submission.

2.10.3.11 Distribute copies of reviewed submittals as appropriate. Instruct parties to promptly report any inability to comply with requirements.

2.10.3.12 Submittals not requested will not be recognized or processed.

2.10.4 PRODUCT DATA

2.10.4.1 Product Data for Review:

2.10.4.1.1 Submit to EOR for review for purpose of checking for conformance with information given and design concept expressed in Contract Documents.

2.10.4.1.2 After review, provide copies and distribute per Submittal Procedures article above and for record documents purposes described in Section 01 78 00 – Closeout Submittals.

2.10.4.2 Product Data for Information:

2.10.4.2.1 Submittal for EOR'S knowledge as contract administrator or for District.

2.10.4.3 Product Data for Project Close-out:

2.10.4.3.1 Submit for District's benefit during and after project completion.

2.10.4.4 Submit number of copies, which Contractor/CM requires, plus two copies for Consultant.

2.10.4.5 Mark each copy to identify applicable products, models, options, and other data.

2.10.4.6 Supplement manufacturers' standard data to provide information unique to project.

2.10.4.7 Indicate product utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.

2.10.4.8 After review, distribute in accord with Submittal Procedures article above and provide copies for record documents described in Section 6.37 Closeout Submittals.

2.10.5 CONSTRUCTION SUBMITTALS

2.10.5.1 Submit one copy of Building Permit, Site Permits, Environmental Permits, or other permits required for construction of work.

2.10.5.2 Submit Payment Applications to Consultant for review for purpose of checking conformance with information given and design concept expressed in Contract Documents.

2.10.5.3 Certificates:

2.10.5.3.1 When specified, submit certification by manufacturer, installation/application subcontractor, or contractor to Consultant, in quantities specified for Product Data.

2.10.5.3.2 Indicate material or Product conforms to or exceeds specified requirements.

2.10.5.3.3 Submit supporting reference date, affidavits, and certifications as appropriate.

2.10.5.3.4 Certificates may be recent or previous test results on material or Product, but must be acceptable to Consultant.

2.10.5.4 Manufacturer's Instructions:

2.10.5.4.1 When specified, submit printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing, to Consultant for delivery to District in quantities specified for Product Data.

2.10.5.4.2 Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.

2.10.5.4.3 Refer to Quality Control and Warranty sections for quality assurance requirements.

2.10.5.5 Manufacturer's Field Reports:

2.10.5.5.1 Submit reports to EOR and District's Project Manager.

2.10.5.5.2 Submit report within 5 days of observation to EOR.

2.10.5.5.3 Submit for information for purpose of assessing conformance with information given and design concept expressed in Documents.

2.10.5.6 Erection Drawings:

2.10.5.6.1 Submit drawings to Consultant and District's Project Manager.

2.10.5.6.2 Submit for information for purpose of assessing conformance with information given and design concept expressed in Documents.

2.10.5.6.3 Data indicating inappropriate or unacceptable work is subject to rejection by EOR or District.



ARTICLE 3 – USE OF CONTRACT DOCUMENTS

3.1 INTENT:

3.1.1 The Contract Documents comprise the entire agreement between the DISTRICT and CONTRACTOR concerning the WORK. The Contract Documents are complementary: what is called for by one is as binding as if called for by all. The Contract Documents shall be construed in accordance with the laws of the State of Florida with venue in Martin County, Florida.

3.1.2 It is the intent of the Contract Documents to describe the WORK, functionally complete, to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials or equipment that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result shall be provided whether or not specifically called for.

3.2 REFERENCE TO STANDARDS:

3.2.1 Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the Laws or Regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code or Laws or Regulations in effect at the time of opening of Bids, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall be effective to change the duties or responsibilities of the DISTRICT, CONTRACTOR or EOR or any of their agents or employees from those set forth in the Contract Documents, nor shall it be effective to assign to DISTRICT, EOR OR EOR'S agents or employees, any duty or authority to supervise or direct the furnishing or performance of the WORK or any duty or authority to undertake responsibility contrary to the provisions of the Contract Documents.

3.3. REVIEW OF CONTRACT DOCUMENTS

3.3.1 The Contract Documents which comprise the Contract between the DISTRICT and the Contractor are attached hereto and made part hereof and consist of the following:

- 3.3.1.1 The Purchase Order.
- 3.3.1.2 Contractor's Bid and Bid Bonds
- 3.3.1.3 Bid Documents, consisting of:
 - 3.3.1.4 Invitation to Bid and Instructions to Bidders.
 - 3.3.1.5 General Terms & Conditions.
 - 3.3.1.6 Supplementary Conditions
 - 3.3.1.7 Special Conditions.
 - 3.3.1.8 Technical Provisions.
 - 3.3.1.9 All Plans.
 - 3.3.1.10 All Addenda.
 - 3.3.1.11 Recorded Public Construction Performance and Payment Bond in a form supplied by the DISTRICT, which shall be provided to the DISTRICT by the Contractor, along with the return of an executed Purchase Order. The Contractor shall be responsible for recording the Public Construction Bond.

3.3.1.12 Insurance Certificates which shall be provided by the Contractor, along with the return of an executed copy of this Contract.

3.3.1.13 Any Modifications, including change orders, duly delivered after execution of this Contract.

3.3.1.14 Executed Notice of Intent to Award.

3.3.1.15 Executed Notice to Proceed

3.3.2 Except for duly authorized and executed Modifications including but not limited to change orders and contract amendments, any conflict between the terms and conditions of this Contract and the terms and conditions of any of the other contract documents shall be interpreted in favor of this Contract

3.3.3 If, during the performance of the WORK, CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, CONTRACTOR shall so notify the CONSULTANT, in writing, at once and before proceeding with the WORK affected thereby shall obtain a written interpretation or clarification, except in an emergency as authorized by paragraph 6.13.

3.4 ORDER OF PRECEDENCE OF CONTRACT DOCUMENTS

3.4.1 In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as follows:

1. Amendment
2. Change Order
3. Construction Contract or Purchase Order
4. Addenda, with later date having greater priority
5. Bid Form
6. Special Conditions
7. Supplementary Conditions
8. Invitation to Bid
9. Instructions to Bidders
10. General Terms & Conditions
11. Technical Specifications
12. Contract Drawings

The captions or subtitles of the several articles and divisions of these Contract Documents constitute no part of the context and hereof, but are only labels to assist in locating and reading the provisions hereof.

3.4.2 With reference to the Drawings, the order of precedence is as follows:

1. Figures govern over scaled dimensions
2. Detail drawings govern over general drawings
3. Addenda/Change Order drawings govern over any other drawings
4. Drawings govern over standard drawings

3.4.3. Except as otherwise specifically stated in the Contract Documents or as may be provided by amendment or supplement thereto issued by one of the methods indicated in paragraph 3.5, (Amending of Contract Documents) the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity or discrepancy between the provisions of the Contract Documents and:

1. The provisions of any such standard, specification, manual, code or instruction (whether or note specifically incorporated by reference in the Contract Documents); or
2. The provisions of any such Laws or Regulations applicable to the performance of the WORK (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

No provision of any such standard, specification, manual, code or instruction shall be effective to change the duties and responsibilities of DISTRICT, CONTRACTOR or CONSULTANT, or any of their subcontractors, agents or employees from those



set forth in the Contract Documents, no shall it be effective to assign to DISTRICT, EOR'S or any of EOR's agents or employees any duty or authority to supervise or direct the furnishing or performance of the WORK or any duty or authority to undertake responsibility inconsistent with the provisions of paragraph 9.10, (Limitations on EOR) or any other provision of the Contract Documents.

3.5 AMENDING CONTRACT DOCUMENTS:

3.5.1 The Contract Documents may be amended to provide for additions, deletions and revisions in the WORK or to modify the terms and conditions thereof by a Change Order (pursuant to Article 10, Changes in the Work).

3.5.2 Additionally, the requirements of the Contract Documents may be supplemented and minor variations and deviations in the WORK may be authorized, in one or more of the following ways:

3.5.2.1 A Field Order (pursuant to paragraph 9.5, Changes in the Work)

3.5.2.2 EOR'S approval of a Shop Drawing or sample (pursuant to paragraphs 6.11, Shop Drawings and Samples), or

3.5.2.3 EOR'S written interpretation or clarification (pursuant to paragraph 9.4 Clarifications and Interpretations).

3.6 REUSE OF DOCUMENTS:

3.6.1 Neither CONTRACTOR nor any Subcontractor or Supplier or other person or organization performing or furnishing any of the WORK under a direct or indirect contract with the DISTRICT shall have or acquire any title to or ownership rights in any of the Contract Documents, drawings, technical specifications or other documents used on the WORK; and, they shall not reuse any of them on extensions of the Project or any other project without prior written consent of the DISTRICT and EOR.

ARTICLE 4 – SITE OF THE WORK

4.1 AVAILABILITY OF LANDS:

4.1.1 The DISTRICT shall furnish, as indicated in the Contract Documents, the lands upon which the WORK is to be performed, rights-of-way and easements for access thereto and such other lands which are designated for the use of CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities shall be obtained and paid for by the DISTRICT, unless otherwise provided in the Contract Documents. Nothing contained in the Contract Documents shall be interpreted as giving the CONTRACTOR exclusive occupancy of the lands or rights-of-way provided. CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.1.2 Occupying Private Land: The Contractor shall not enter upon nor use any property not under the control of the DISTRICT until a written temporary construction easement agreement has been executed by the CONTRACTOR and the property owner, and a copy of said easement furnished to the DISTRICT and EOR prior to said use; and, neither the DISTRICT nor the EOR shall be liable for any claims or damages resulting from the CONTRACTOR'S trespass on or use of any such properties. The CONTRACTOR shall provide the DISTRICT with a signed release from the property owner confirming that the lands have been satisfactorily restored upon completion of the WORK.

4.1.3 WORK in State, County and DISTRICT Rights-of-Way and Easements: When the WORK involves the installation of sanitary sewers, storm sewers, drains, water mains, manholes, underground structures, or other disturbances of existing features in or across streets, rights-of-way, easements, or

other property, the CONTRACTOR shall (as the WORK progresses) promptly back-fill, compact, grade and otherwise restore the disturbed area to a basic condition which shall permit resumption of pedestrian or vehicular traffic and any other critical activity or function consistent with the original use of the land. Unsightly mounds of earth, large stones, boulders, and debris shall be removed so that the site presents a neat appearance as part of the contract.

4.1.4 WORK Adjacent to Telephone, Power, Cable TV and Gas Company Structures: In all cases where WORK is to be performed near telephone, power, water, sewer, drainage, cable TV, or gas company facilities, the Contractor shall provide written notification to the respective companies of the areas of which WORK is to be performed, prior to the actual performance of any WORK in these areas.

4.1.5 Use of Public Streets: The use of public streets and alleys shall be such as to provide a minimum of inconvenience to the public and to other vehicular and non-vehicular traffic. The CONTRACTOR shall remove any earth or excavated materials spilled from trucks and clean the streets to the satisfaction of the DISTRICT, the EOR, the Florida Department of Transportation, or other agency or governmental entity having jurisdiction, as applicable.

4.2 REPORTS OF PHYSICAL CONDITIONS:

4.2.1 Subsurface Explorations: Where applicable, reference is made in the technical specifications for identification of those reports of explorations and tests of subsurface conditions at the site that have been utilized by EOR in preparation of the Contract Documents.

4.2.2 Existing Structures: Where applicable, reference is made to the technical specifications, for identification of those drawings of physical conditions in or relating to existing surface and subsurface structures (except Underground Facilities referred to in paragraph 4.3 herein) which are at or contiguous to the site that have been utilized by EOR in preparation of the Contract Documents.

4.2.3 Neither the DISTRICT nor EOR makes any representation as to the completeness of the reports or drawings referred to in Paragraph 4.2.1. Subsurface Explorations or 4.2.2. Existing Structures above or the accuracy of any data or information contained therein. CONTRACTOR may rely upon the general accuracy of the technical data contained in such reports and drawings but not for the completeness thereof for CONTRACTOR'S purposes including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by CONTRACTOR and safety precautions and programs incident thereto. However, the CONTRACTOR may not rely upon any interpretation of such technical data, including any interpolation or extrapolation thereof, or any non-technical data, interpretations, and opinions contained therein.

4.2.4 Where the dimensions and locations of existing structures are of critical importance in the installation or connection of new WORK, the CONTRACTOR shall verify such dimensions and locations in the field before the fabrication of any materials or equipment which is dependent on the correctness of such information. There shall be no additional cost to the DISTRICT for CONTRACTOR'S failure to verify such dimensions and locations, or for inaccurate verifications by CONTRACTOR.

4.3 PHYSICAL CONDITIONS -- UNDERGROUND FACILITIES:

4.3.1 Indicated: The information and data indicated in the Contract Documents with respect to existing Underground Utilities at or contiguous to the site is based on information and data furnished to the DISTRICT or EOR by the owners of such Underground Utilities or by others.



4.3.1.1 The DISTRICT and EOR shall not be responsible for the accuracy or completeness of any such information or data; and,

4.3.1.2 The CONTRACTOR shall notify the Underground Service Alert (USA) System, Phone No. 1-800-227-2600, and Sunshine State One Call Services (1-800-432-4770) at least 48 hours in advance of the commencement of WORK at any site to allow the member utilities to examine the construction site and mark the location of the utilities' respective facilities.

4.3.1.3 The CONTRACTOR acknowledges that some (or all) of the utility companies with facilities shown on the drawings may not be members of the USA System or Sunshine State One Call Services; and, therefore, not automatically contacted by the above referenced telephone number. The CONTRACTOR shall be responsible for making itself aware of utility company facilities not reported by the USA System or Sunshine State One Call Services, and shall be liable for any and all damages stemming from repair or delay costs or any other expenses resulting from the unanticipated discovery of underground utilities. The CONTRACTOR shall be responsible for notifying all of the utilities at least 48 hours in advance of the commencement of WORK at any site to allow the utilities to examine the construction site and mark the location of the utilities' respective facilities. The CONTRACTOR shall also be responsible for verifying that each utility has responsibly responded to such notification.

4.3.1.4 CONTRACTOR shall have full responsibility for reviewing and checking all such information and data. Further, the CONTRACTOR shall be responsible for locating all Underground Facilities whether or not shown or indicated in the Contract Documents, for coordination of the WORK with the owners of such Underground Facilities during construction, for the safety and protection thereof as provided in paragraph 6.10, and repairing any damage thereto resulting from the WORK, the cost of all of which shall be considered as having been included in the Contract Price.

4.3.1.5 All water pipes, sanitary sewers, storm drains, force mains, gas mains, or other pipe, telephone or power cables or conduits, pipe or conduit casings, curbs, sidewalks, service lines and all other obstructions, whether or not shown, shall be temporarily removed from or supported across utility line excavations. Where it is necessary to temporarily interrupt services, the CONTRACTOR shall notify the DISTRICT or occupant of such facilities both 48 hours before the interruption and again immediately before service is resumed. Before disconnecting any pipes or cables, the CONTRACTOR shall obtain permission from the DISTRICT or occupant, or shall make suitable arrangements for their disconnection by the DISTRICT or occupant. The CONTRACTOR shall be responsible for any damage to any such pipes, conduits or cables, and shall restore them to service promptly, as part of the work, as soon as the WORK has progressed past the point involved. Approximate locations of known water, sanitary, drainage, natural gas, power, telephone and cable TV installations along the route of new pipelines or in the vicinity of new WORK are shown, but are to be verified in the field by the Contractor prior to performing the WORK. The CONTRACTOR shall uncover these pipes, ducts, cables, etc., carefully, by hand prior to installing his WORK. Any discrepancies or differences found shall be immediately brought to the attention of the EOR in order that necessary changes may be made to permit installation of the WORK.

4.3.2 Not Indicated: If an Underground Facility is uncovered or revealed at or contiguous to the site which was not shown, nor located by the facilities DISTRICT and which CONTRACTOR could not reasonably have been expected to be aware of, CONTRACTOR shall, promptly after becoming aware thereof and before performing any WORK affected thereby (except in an emergency as permitted by paragraph 6.10), identify to the DISTRICT of such Underground Facility and give written notice

thereof to that owner and to the DISTRICT and the CONSULTANT. The CONSULTANT shall promptly review the Underground Facility to determine the extent to which the Contract Documents should be modified to reflect and document the consequences of the existence of the Underground Facility, and the Contract Documents shall be amended or supplemented to the extent necessary. During such time, CONTRACTOR shall be responsible for the safety and protection of such Underground Facility as provided in paragraph 6.13.

4.4 DIFFERING SITE CONDITIONS

4.4.1 The CONTRACTOR shall notify the EOR in writing, of the following unforeseen conditions, hereinafter called differing Site conditions, promptly upon their discovery (but in no event later than 14 days after their discovery) and before they are disturbed:

4.4.1.1 Subsurface or latent physical conditions at the Site of the WORK differing materially from those indicated, described, or delineated in the Contract Documents, including those reports discussed in Paragraph 4.2 and 4.3; (Physical Conditions, Underground facilities) and

4.4.3.2 Any unknown physical conditions and the Site of the WORK of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents, including those reports and documents discussed in Paragraph 4.2 and 4.3.

4.4.2 EOR shall promptly review the pertinent conditions, determine the necessity of obtaining additional explorations or tests with respect thereto and advise the DISTRICT in writing (with a copy to the CONTRACTOR) of EOR'S findings and conclusions.

4.4.3 If EOR concludes that because of newly discovered conditions a change in the Contract Documents is required, a Change Order shall be issued as provided in Article 10 (Changes in the Work) to reflect and document the consequences of the difference.

4.4.4 In each such case, an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, or any combination thereof, shall be allowable to the extent that they are attributable to any such inaccuracy or difference. If the DISTRICT and CONTRACTOR are unable to agree as to the amount or length thereof, a claim may be made therefor as provided in Article 11, Change of Contract Price, and Article 12, Change of Contract Time.

4.4.5 The CONTRACTOR'S failure to give notice of differing Site conditions within seven (7) days of their discovery and before they are disturbed shall constitute a waiver of all claims in connection therewith, whether direct or consequential in nature.

4.5 REFERENCE POINTS:

4.5.1 The DISTRICT shall provide, if available, engineering surveys to establish reference points for construction, which in EOR'S judgment are necessary to enable CONTRACTOR to proceed with the WORK.

4.5.2 CONTRACTOR shall be responsible for laying out the WORK (unless otherwise specified in the General Requirements), shall protect and preserve the established reference points and shall make no changes or relocations without the prior written approval of the DISTRICT. The CONTRACTOR shall report to the EOR whenever any reference point is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points by professionally qualified personnel.



Contract Amount	Best Key Rating
Under \$500,000	Class IX A or better
\$500,000 to \$2,499,999.99	Class XI A or better
Over \$2,500,000	Class XIV A or better

ARTICLE 5 – BONDS AND INSURANCE

5.1 BONDS:

5.1.1 CONTRACTOR shall upon delivery of the executed Contract or receipt of a Notice of Tentative Award to the DISTRICT furnish Performance and Payment Bonds, each in an amount at least ONE HUNDRED PERCENT (100%) of the Contract Price as security for the faithful performance and payment of all CONTRACTOR'S obligations under the Contract Documents. Said bonds must be provided to the DISTRICT within FIFTEEN (15) business days of the Notice of Tentative Award or delivery of a Purchase Order or contract to CONTRACTOR to execute and return to the District, or the DISTRICT, at its sole discretion and option may terminate the contract. These Bonds shall remain in effect at least until one year after the date when final payment becomes due, except as otherwise provided by Law or Regulation or by the Contract Documents. CONTRACTOR shall also furnish such other Bonds as are required by the Supplementary Conditions. Each Bond shall be furnished in an amount equal to ONE HUNDRED PERCENT 100% of the amount of the Contract award. The form and conditions of the Bonds and the Surety shall be as specified and supplied by the DISTRICT in the Bid Documents.

5.1.2 The CONTRACTOR shall provide a Maintenance and Guaranty Bond in the amount of 50% of the Performance and Payment Bonds to provide a guarantee against defects in the WORK occurring during the year following the one-year correction period. The Bond shall be payable to the DISTRICT, and be at the sole cost of the CONTRACTOR. The form and conditions of the Bonds and the Surety shall be as specified and supplied by the DISTRICT in the Bid Documents.

5.1.3 The Surety shall be a nationally recognized Surety Company acceptable to the DISTRICT, listed on the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff, Bureau of Government Financial Operations, U.S. Treasury Department, and meet the other requirements of Florida Statutes Section 287.0935 (1989).

For projects exceeding five hundred thousand dollars, all bonds shall be placed with sureties with Best Ratings as stated below. The name, address and telephone number of the surety and its agent must be listed on the bond.

5.1.4 For contracts up to \$499,999.99 the surety shall have twice the minimum surplus and capital required by the Florida Insurance Code at the time the bid is issued for the Work, otherwise the surety shall have the following minimum ratings:

5.1.5 The Bond shall specifically incorporate and acknowledge the Surety's responsibility for liquidated damages.

5.1.6 Bonds shall be executed and issued by a resident agent, licensed and having an office in Palm Beach, Dade, Broward, St. Lucie, Indian River and Martin Counties, Florida, representing such corporate sureties.

5.1.7 If the CONTRACTOR is a partnership, the Bond shall be signed by each of the individuals who are partners; if a corporation, the Bond shall be signed in the correct corporate name by duly authorized officer, agent or attorney-in-fact. There shall be executed an appropriate number of counterparts of the bond corresponding to the number of counterparts in the Contract. Each executed bond shall be accompanied by (a) appropriate acknowledgment of the respective parties; (b) appropriate duly certified copy of Power-of-Attorney or other certification of authority where bond is executed by agent, officer or other representative of Contractor or Surety; (c) duly certified extract from by-laws or resolutions of Surety under which Power-of-Attorney, or other certificate of Authority of its agent, officer or representative was issued.

5.1.8 If the surety on any Bond furnished by CONTRACTOR is declared bankrupt or becomes insolvent or its right to do business is terminated in the state of Florida or it ceases to meet the requirements of paragraph 5.1.3 and 5.1.4, CONTRACTOR shall within five days thereafter substitute another Bond and Surety, both of which must be in conformance with paragraph 5.1.3 and 5.1.4. **Under no circumstances shall the successful CONTRACTOR begin WORK until he/she has supplied to the DISTRICT Performance and Payment Bonds and Affidavit for Bond using the DISTRICT form, and the DISTRICT has approved the bond. Contractor shall execute and record all bonds in the public records of the county where the improvement is located prior to delivering the bonds to the owner. Non-registered bonds shall be rejected.**

5.2 INSURANCE:

5.2.1 The CONTRACTOR agrees to, in the performance of work and services under this Agreement, comply with all Federal, state, and local laws and regulations now in effect, or hereinafter enacted during the term of this agreement that are applicable to the CONTRACTOR, its employees, agents, or subcontractors, if any, with respect to the work and services described herein. The CONTRACTOR shall obtain at CONTRACTOR's expense all necessary insurance in such form and amount as required by the District's Risk & Safety Officer before beginning work under this Agreement. The CONTRACTOR shall maintain such insurance in full force and effect during the life of this Agreement. The CONTRACTOR shall provide to the District's Risk & Safety Officer certificates of all insurance required under this section prior to beginning any work under this Agreement. The CONTRACTOR shall indemnify and save the District harmless from any damage resulting to it for failure of either CONTRACTOR or any subcontractor to obtain or maintain such insurance. The following are required types and minimum limits of insurance coverage, which the CONTRACTOR agrees to maintain during the term of this contract:

Professional Liability	\$1,000,000	\$2,000,000
Line of Business/ Coverage	Occurrence	Aggregate
Commercial General Liability	\$1,000,000	\$2,000,000
Including:		
Premises/		
Operations		
Contractual Liability		
Personal Injury		
Explosion, Collapse, Underground Hazard		
Products/Completed Operations		
Broad Form Property Damage		
Cross Liability and Severability of Interest Clause		



Automobile Liability **\$1,000,000** **\$2,000,000**
**(including owned, non-
owned and hired)**

Workers' Compensation & Statutory limits
Employer's Liability \$500,000 per each disease;
 \$500,000 per each accident;
 and \$500,000 each employee.

5.2.2 The District reserves the right to require higher limits depending upon the scope of work under this Agreement.

5.2.3 Neither the CONTRACTOR nor any subcontractor shall commence work under this contract until they have obtained all insurance required under this section and have supplied the District with evidence of such coverage in the form of an insurance certificate and endorsement. The CONTRACTOR shall ensure that all subcontractors shall comply with the above guidelines and shall maintain the necessary coverage throughout the term of this Agreement.

5.2.4 All insurance carriers shall be rated at least A-VII per A.M. Best's Key Rating Guide and be licensed to do business in Florida. Policies shall be "Occurrence" form. Each carrier shall give the District sixty (60) days notice prior to cancellation.

5.2.5 The CONTRACTOR's general and automobile liability insurance policies shall be endorsed to add the Martin County School District, its board, employees, officers and agents as an "additional insured". The CONTRACTOR's Worker's Compensation carrier shall provide a Waiver of Subrogation to the District. The CONTRACTOR shall be responsible for the payment of all deductibles and self-insured retentions.

5.2.6 The District may require that the CONTRACTOR purchase a contract or performance bond equal to the cost of the project. If the CONTRACTOR is to provide professional services under this Agreement, the CONTRACTOR must provide the District with evidence of Professional Liability insurance with, at a minimum, a limit of \$1,000,000 per occurrence and \$2,000,000 in the aggregate. "Claims-Made" forms are acceptable for Professional Liability insurance.

5.2.7 The District may require higher limits for Professional Liability depending on the size of the project. In any event, the Bidder shall maintain such Professional Liability insurance in effect three (3) years after the completion of the project.

5.2.8 Should the District require the Bidder to carry Builders Risk insurance for the project, it must be in the amount equal to the full replacement cost of the project.

5.2.9 Fulfillment by the Bidder of the insurance provisions does **not** limit the Bidder's liability to the amount of the policy limits.

ARTICLE 6 – CONTRACTOR'S RESPONSIBILITIES

6.1 CONTRACTOR STATUS:

6.1.1 The Contractor is an independent contractor and is not an employee or agent of the DISTRICT. Nothing in this Contract shall be interpreted to establish any relationship other than that of an independent contractor, between the DISTRICT and the Contractor, its employees, agents, subcontractors, or assigns,

during or after the performance of this Contract. The Contractor shall take the whole responsibility for the means, methods, techniques, sequences, and production of the Work.

6.2 CONTRACTOR RISK:

6.2.1 The Contractor shall bear all losses resulting to him, or its, on account of the amount or character of the Work, or because of the nature of the ground beneath, in or on which the Work is done is different from what was assumed or expected, or because of bad weather, or because of errors or omissions in his or its bid on the Contract price, or except as otherwise provided in the Contract Documents because of any other causes whatsoever. Execution of this Contract by the Contractor is a representation that the Contractor has visited the site, has conducted a sufficient investigation of the surface and sub-surface conditions in order to submit its bid, has become familiar with the local conditions under which the Work is to be performed, and correlated personal observations with the requirements of the Contract Documents.

6.2.2 The Contractor shall protect the entire Work, all materials under the Contract and the DISTRICT's property (including machinery and equipment) in, or on, or adjacent to the site of the Work until final completion and Work, from the action of the elements, acts of other contractors, or except as otherwise provided in the Contract Documents, and from any other causes whatsoever; should any damage occur by reason of any of the foregoing, the Contractor shall repair at his, or its, own expenses to the satisfaction of the DISTRICT or its Project Manager. Neither the DISTRICT nor its officers, employees or agents assume any responsibility for collection of indemnities or damages from any person or persons causing injury to the Work of the Contractor.

6.2.3 At his, or its expense, the Contractor shall take all necessary precautions (including without limitation) the furnishing of guards, fences, warnings signs, walks, flags, cables and lights for the safety of and the prevention of injury, loss and damage to persons and property (including without limitation) in the term persons, members of the public, the DISTRICT and its employees and agents, the Project Manager and his employees, Contractor's employees, his or its subcontractors and their respective employees, other contractors, their subcontractors and respective employees, on, about or adjacent to the premises where said Work is being performed, and shall comply with all applicable provisions of safety laws, rules, ordinances, regulations and orders of duly constituted public authorities and building codes.

6.2.4 The Contractor assumes all risk of loss, damage and destruction to all of his or its materials, tools appliances and property of every description and that of his or its subcontractors and of their respective employees or agents, and injury to or death of the Contractor, his or its employees, subcontractors or their respective employees or agents, including legal fees, court costs or other legal expenses, arising out of or in connection with the performance of this Contract.

6.3 SUPERVISION AND SUPERINTENDENCE:

6.3.1 The CONTRACTOR shall supervise and direct the Work. He shall be solely responsible for the means, methods, techniques, sequences and procedures of construction. The CONTRACTOR shall employ and maintain on the Work a qualified supervisor or superintendent who shall have been designated in writing by the CONTRACTOR as the CONTRACTOR'S representative at the site. The supervisor shall have full authority to act on behalf of the CONTRACTOR and all communications given to the supervisor shall be as binding as if given to the CONTRACTOR. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the Work. (Copies of written communications given to the Superintendent shall be mailed to the Contractor's home office.)



6.4 LABOR, MATERIALS AND EQUIPMENT: CONDITIONS, SUBSTITUTIONS

Related Article: 6.40; Product Substitution Requirements and Procedures

6.4.1 The CONTRACTOR shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. He shall at all times maintain good discipline and order at the site. Except in connection with the safety or protection of persons or the Work or property at the site or adjacent thereto, and except as otherwise indicated in the Contract Documents, all Work at the site shall be performed during regular working hours, and CONTRACTOR shall not permit overtime work or the performance of Work on Saturday, Sunday or any legal holiday, observed by the DISTRICT, without the DISTRICT'S PROJECT MANAGER's written consent.

6.4.2 Materials and Equipment: The CONTRACTOR shall furnish all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water and sanitary facilities and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of the Work. All material stored on the job site shall remain the responsibility of the CONTRACTOR until incorporated into the work. The DISTRICT shall not reimburse the CONTRACTOR for materials lost, stolen, or damaged while stored on the job site.

6.4.3 Condition of Materials: All materials and products supplied by the Bidder in conjunction with this bid shall be new, warranted for their merchantability, fit for a particular purpose, free from defects and consistent with industry standards. The products shall be delivered to the District in excellent condition. When special makes or grades of material which are normally packaged by the supplier or manufacturer are specified or approved, such materials shall be delivered to the site in their original packages or container with seals unbroken and labels intact. In the event that any of the products supplied to the District are found to be defective or do not conform to the specifications, the District reserves the right to return the product to the Bidder at no cost to the District.

6.4.4 Installation / Assembly: All materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturer, fabricator or processors, except as otherwise provided in the Contract Documents.

6.4.5 Materials, Equipment, Products, and Substitutions: Materials, equipment and products incorporated in the Work must be approved for use before being purchased by the CONTRACTOR. The CONTRACTOR shall submit to the EOR and the DISTRICT'S PROJECT MANAGER a list of proposed materials, equipment or products, together with such samples as may be necessary for him to determine their acceptability and obtain his approval, per Section III General Terms and Conditions if prior to award, or after award, within ten (10) calendar days after the CONTRACTOR should have been aware of then need for substitution, unless otherwise stipulated in the Special Conditions. No request for payment for "or equal" equipment shall be approved until this list has been received and approved by the EOR. The District may require the CONTRACTOR to furnish at CONTRACTOR'S expense a special performance guarantee or other surety with respect to any substitute.

6.4.6 Should any work or materials, equipment or products not conform with requirements of the Drawings and Specifications or become damaged during the progress of the Work, such Work or materials shall be removed and replaced, together with any work disarranged by such alterations, at any time before completion and acceptance of the Project. All such work shall be done at the expense of the CONTRACTOR.

6.4.7 No materials or supplies for the Work shall be purchased by the CONTRACTOR or by any Subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the Seller. The CONTRACTOR warrants that he has good title to all materials and supplies used by him in the Work.

6.4.8 If a specific means, method, technique, sequence or procedure of construction is indicated in or required by the Contract Documents, CONTRACTOR may furnish or utilize a substitute means, method, sequence, technique or procedure of construction if acceptable to the DISTRICT and EOR, if CONTRACTOR submits sufficient information to allow DISTRICT and EOR to determine that the substitute proposed is equivalent to that indicated or required by the Contract Documents. The procedure for review by DISTRICT and EOR shall be similar to that provided in paragraph 6.4.5.1 (Materials, Equipment, Products and Substitutions, par 2) as applied by EOR and as may be supplemented in the Technical Specifications.

6.4.9 Any two (2) or more pieces of material or equipment of the same kind, type or classification, and being used for identical types of service, shall be made by the same manufacturer.

6.4.10 The successful CONTRACTOR shall furnish all guarantees and warranties to the Purchasing Department prior to final acceptance and payment. The warranty period shall commence upon final acceptance of the product.

6.5 CONCERNING SUBCONTRACTORS:

6.5.1 The CONTRACTOR shall not employ any Subcontractor, other person or organization (whether initially or as a substitute) against whom the DISTRICT or the EOR may have reasonable objection, nor shall the CONTRACTOR be required to employ any Subcontractor against whom he has reasonable objection. The CONTRACTOR shall not make any substitution for any Subcontractor who has been accepted by the DISTRICT'S PROJECT MANAGER and the EOR, unless the EOR determines that there is good cause for doing so. If after bid opening and prior to the award of the contract, the DISTRICT objects to certain suppliers or subcontractors, the DISTRICT may permit CONTRACTOR to submit an acceptable substitute so long as there is no change in the contract price or contract time. If the contract price or contract time is increased, the DISTRICT may return the bid bond and award the contract to the next qualified, competent BIDDER. If after the award of the contract, the DISTRICT objects to certain suppliers or subcontractors, the DISTRICT shall permit CONTRACTOR to make an appropriate and acceptable substitution which is also acceptable to the DISTRICT. No acceptance by the DISTRICT or the EOR of any such Subcontractor, supplier or other person or organization shall constitute a waiver of any right of the DISTRICT or EOR to reject defective WORK.

6.5.2 Responsibility: The CONTRACTOR shall be fully responsible for all acts and omissions of his Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between DISTRICT or EOR and any Subcontractor or other person or organization having a direct contract with CONTRACTOR, nor shall it create any obligation on the part of DISTRICT or EOR to pay or to see to the payment of any moneys due any Subcontractor or other person or organization, except as may otherwise be required by law. DISTRICT or EOR may furnish to any Subcontractor or other person or organization, to the extent practicable, evidence of amounts paid to CONTRACTOR on account of specific Work done in accordance with the schedule of values.



6.5.3 Division of Work: The divisions and sections of the Specifications and the identifications of any Drawings shall not control the CONTRACTOR in dividing the Work among Subcontractors or delineating the Work to be performed by any specific trade.

6.5.4 Terms and Conditions: The CONTRACTOR agrees to bind specifically every Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the DISTRICT.

6.5.5 Agreement: All Work performed for the CONTRACTOR by a Subcontractor shall be pursuant to any appropriate agreement between the CONTRACTOR and the Subcontractor.

6.5.6 Responsibility: The CONTRACTOR shall be responsible for the coordination of the trades, Subcontractors and material men engaged upon His Work.

6.5.7 The CONTRACTOR shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the CONTRACTOR by the terms of these General Conditions and other Contract Documents insofar as applicable to the Work of Subcontractors, and to give the CONTRACTOR the same power as regards terminating any subcontract that the DISTRICT may exercise over the CONTRACTOR under any provisions of the Contract Documents.

6.5.8 The DISTRICT or EOR shall not undertake to settle any differences between the CONTRACTOR and his Subcontractors or between Subcontractors.

6.5.9 If in the opinion of the DISTRICT'S PROJECT MANAGER or EOR, any Subcontractor on the Project proves to be incompetent or otherwise unsatisfactory, he shall be replaced if and when directed in writing.

6.5.10 CONTRACTOR shall also:

6.5.10.1 Observe work of each subcontractor to monitor compliance with schedule.

6.5.10.2 Verify that labor and equipment are adequate for the work and the schedule.

6.5.10.3 Verify that product procurement schedules are adequate.

6.5.10.4 Verify that product deliveries are adequate to maintain schedule.

6.5.10.5 Report noncompliance to EOR, with recommendation for changes

6.6 PATENT, FEES AND ROYALTIES:

6.6.1 The CONTRACTOR shall pay all license fees and royalties and assume all costs incident to the use of any invention, design, process or device which is the subject of patent rights or copyrights held by others. He shall indemnify and hold harmless the DISTRICT and EOR and anyone directly or indirectly employed by either of them from and against all claims, damages, losses and expenses (including attorney's fees) arising out of any infringement of such rights during or after completion of the Work, and shall defend all such claims in connection with any alleged infringement of such rights.

6.6.2 Patent Rights: The CONTRACTOR shall be responsible for determining the application of patent rights and royalties on materials, appliances, articles or systems prior to bidding. However, he shall not be responsible for such determination on systems which do not involve purchase by him of materials, appliances and articles.

6.7 PERMITS, LAWS AND REGULATIONS:

6.7.1 Permits: The CONTRACTOR shall secure and pay for all construction permits and licenses and shall pay all governmental charges and inspection fees necessary for the prosecution of the Work, which are applicable at the time of his Bid. The DISTRICT shall assist the CONTRACTOR, when necessary, in obtaining such permits and licenses. The DISTRICT shall be invoiced at actual cost without markup.

6.7.2 The CONTRACTOR shall also pay all public utility charges. The Contractor shall be responsible for obtaining dewatering permits as required. CONTRACTOR shall be responsible for complying with the South Florida Water Management District, Florida Department of Environmental Regulation, United States Environmental Protection Agency and any other regulatory agency requirements including financial responsibility (fines, etc.).

6.7.2 Laws and Regulations: The CONTRACTOR shall give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the CONTRACTOR observes that the Specifications or Drawings are at variance therewith, he shall give the EOR prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate Modification. If the CONTRACTOR performs any Work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the EOR, he shall bear all costs arising therefrom; however, it shall not be his primary responsibility to make certain that the Drawings and Specifications are in accordance with such laws, ordinances, rules and regulations.

6.8 TAXES:

6.8.1 Cost of all sales and other taxes for which the CONTRACTOR is liable under the Contract shall be included in the Contract Price stated by the CONTRACTOR.

6.9 RECORD DOCUMENTS/RIGHT TO AUDIT:

6.9.1 The CONTRACTOR shall keep in a safe place one record copy of all Specifications, Drawings, Addenda, Modifications, and Shop Drawings at the site in good order and annotated to show all changes made during the construction process. These shall be available to the EOR and shall be delivered to him for the DISTRICT upon completion of the project. It shall be used for this purpose only. Final acceptance of the project shall be withheld until approval of the documents is made by the DISTRICT'S PROJECT MANAGER.

6.9.2 The awarded CONTRACTOR shall maintain during the term of the contract all books, reports and records in accordance with generally accepted accounting practices and standards for records directly related to this contract. The form of all records and reports shall be subject to the approval of the District's Auditor. The awarded CONTRACTOR agrees to make available to the District's Auditor, during normal business hours all books of account, reports and records relating to this contract for the duration of the contract and retain them for a minimum period of one (1) year beyond the last day of the contract term.

6.9.3 If the CONTRACTOR submits a claim to the DISTRICT for additional compensation, the DISTRICT shall have the right, as a condition to considering the claim, and as a basis for evaluation of the claim, and until the claim has been settled, to audit the CONTRACTOR'S books to the extent they are relevant. This right shall include the right to examine books, records, documents, and other evidence and accounting procedures and practices, sufficient to discover and verify all direct and indirect costs of whatever nature claimed to have been incurred or anticipated to be incurred and for which claim has been submitted. The right to audit shall include the right to inspect the CONTRACTOR'S plants, or such parts thereof, as may be or have been engaged in the performance of the WORK. The CONTRACTOR further agrees that the right to audit encompasses all subcontracts and is binding upon all



subcontractors. The rights to examine and inspect herein provided for shall be exercisable through such representatives as the DISTRICT deems desirable during the CONTRACTOR'S normal business hours at the office of the CONTRACTOR. The accounting records and documents, and other financial data, and upon request, shall submit true copies of requested records to the DISTRICT.

6.10 SAFETY, PROTECTION, STORAGE AND EMERGENCIES:

Related Articles:

- 6.2-Contractor Risk and Work Protection
- 6.21-Protection of Existing Property Improvements
- 6.38-Temporary barriers and Enclosures
- 6.39-Security

6.10.1 CONTRACTOR shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the WORK. CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

6.10.1.1 All employees on the Work and other persons who may be affected thereby,

6.10.1.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and

6.10.1.3 Store and protect Products in accordance with manufacturers' instructions, with seals and labels intact and legible.

6.10.1.4 Store sensitive Products in weather tight, climate controlled enclosures.

6.10.1.5 For exterior storage of fabricated Products, place on sloped supports, above ground.

6.10.1.6 Cover Products subject to deterioration with impervious sheet covering. Provide ventilation to avoid condensation or potential degradation of Product.

6.10.1.7 Store loose granular materials on solid flat surfaces in a well drained area. Prevent mixing with foreign matter.

6.10.1.8 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

6.10.2. CONTRACTOR shall comply with all applicable laws, ordinances, rules and regulations of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss on or off the WORK and shall erect and maintain all necessary safeguards for such safety and protection.

6.10.3 CONTRACTOR shall notify owners of adjacent property and of Underground Facilities and utility owners when prosecution of the WORK may affect them, and shall cooperate with them in the protection, removal, relocation and replacement of their property.

6.10.4 All damage, injury or loss to any property referred to in paragraph 6.10.1.2. or 6.10.1.3 caused, directly or indirectly, in whole or in part, by CONTRACTOR, any Subcontractor, Supplier or any other person or organization directly or indirectly employed by any of them to perform or furnish any of the WORK for anyone for whose acts any of them may be liable, shall be remedied by CONTRACTOR (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of the DISTRICT or the EOR or anyone employed by either of them or

anyone for whose acts either of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of CONTRACTOR).

6.10.5 CONTRACTOR'S duties and responsibilities for the safety and protection of the WORK shall continue until such time as all the WORK is completed and EOR has issued a notice to the DISTRICT and CONTRACTOR in accordance with paragraph 14.6.(Substantial Completion) that the WORK is acceptable (except as otherwise expressly provided in connection with Substantial Completion).

6.10.6 The safety provisions of applicable laws and building and construction codes shall be observed and the Contractor shall take or cause to be taken such additional safety and health measures as the Local Public Agency involved may determine to be reasonably necessary. Machinery, equipment and all hazards shall be guarded in accordance with the safety provisions of the "Manual of Accident Prevention in Construction" as published by the Associated General Contractors of America, Inc., to the extent that such provisions are not in conflict with applicable laws.

6.10.7 The Contractor shall maintain an accurate record of all cases of death, occupational disease, or injury requiring medical attention or causing loss of time from WORK, arising out of an and in the course of employment on WORK under the Contract. The Contractor shall promptly furnish the Local Public Agency with reports concerning these matters.

6.10.8 SAFETY REPRESENTATIVE: CONTRACTOR shall designate a responsible representative at the site whose duty shall be the prevention of accidents. This person shall be CONTRACTOR'S superintendent unless otherwise designated in writing by CONTRACTOR to the DISTRICT.

6.10.9 HAZARD COMMUNICATION PROGRAMS: CONTRACTOR shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employees at the Site in accordance with Laws and Regulations.

6.10.10 SUPERINTENDENT: The CONTRACTOR shall designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be the CONTRACTOR'S superintendent unless otherwise designated in writing by the CONTRACTOR to the DISTRICT'S PROJECT MANAGER.

6.10.11 EMERGENCIES: In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, the CONTRACTOR, without special instruction or authorization from the EOR or the DISTRICT'S PROJECT MANAGER, is obligated to act, at his discretion, to prevent threatened damage, injury or loss.

6.10.11.1 CONTRACTOR shall give DISTRICT PROJECT Representative and EOR prompt written notice if CONTRACTOR believes that any significant changes in the WORK or variations from the Contract Documents have been caused thereby. If EOR determines that a change in the Contract Documents is required because of the action taken in response to an emergency, or Change Order shall be issued to document the consequences of the changes or variations.

6.10.11.2 During adverse weather, and against the possibility thereof, the CONTRACTOR shall take all necessary precautions to ensure that the WORK shall be done in a good and workmanlike condition and is satisfactory in all respects. When required, protection shall be provided by the use of tarpaulins, wood and building paper shelters, or other acceptable means. The CONTRACTOR shall be responsible for all changes caused by adverse weather, including unusually high winds and water levels and he shall take such precautions and procure such additional insurance as he deems prudent. The EOR may



suspend construction operations at any time when, in his judgment, the conditions are unsuitable or the proper precautions are not being taken, whatever the weather or water level conditions may be, in any season.

6.10.11.3 If the CONTRACTOR believes that additional work done by him in an emergency which arose from causes beyond his control entitles him to an increase in the Contract Price or an extension of the Contract Time, he may make a claim therefore as provided in Articles 11 (Change in Contract Price) and 12, (Change in Contract Time).

6.10.12. **NATIONAL EMERGENCY:** In the event the DISTRICT is prevented from proceeding with any or all of this WORK as stated in this Contract, due to a declaration of war, or national emergency by the United States government, whereas the construction of the type contracted for herein is specifically prohibited by statute or governmental edict, or due to the stoppage of construction caused by any governmental agency, State, DISTRICT, Town, or County regulations, orders, restrictions, or due to circumstances beyond the DISTRICT'S control, then the DISTRICT herein reserves the right to either suspend the WORK to be done for an indefinite period of time or to cancel this Contract outright by giving notice by registered mail of such intention to the CONTRACTOR herein. In the event of any conditions above mentioned occurring after the WORK herein has already been commenced, then the DISTRICT herein shall be liable for only the cancellation or suspension without the addition of prospective profits or other changes whatsoever.

6.11 SHOP DRAWINGS AND SAMPLES:

Related Article 6.41: Field Samples and Mockups

6.11.1 SHOP DRAWINGS: After checking and verifying all field measurements, the CONTRACTOR shall submit to the CONSULTANT and the DISTRICT'S PROJECT MANAGER for review, in accordance with the accepted schedule of Shop Drawing submissions (see paragraph 2.9) copies (or at the CONSULTANT'S option, one reproducible copy) of all Shop Drawings, which shall have been checked by and stamped with the approval of the CONTRACTOR. The data shown on the Shop Drawings shall be complete with respect to dimensions, design criteria, materials of construction and the like to enable the EOR to review the information as required.

Shop drawings shall include, but not be limited to the following information:

- 6.11.1.2 Fabrication and installation Drawings and details.
- 6.11.1.3 Template placement diagrams.
- 6.11.1.4 Manufacturer's installation instructions.
- 6.11.1.5 Product patterns and colors.
- 6.11.1.6 Coordination Drawings.
- 6.11.1.7 Schedules.
- 6.11.1.8 Product mix formulae.
- 6.11.1.9 Product design or engineering calculations.
- 6.11.1.10 Other information as required by project.

After review, produce copies and distribute per Submittal Procedures article above and for record documents purposes described in Section 6.37 Closeout Submittals.

Submit to EOR for purpose of checking conformance with information given and design concept and District's Project Manager.

6.11.2 SAMPLES: The CONTRACTOR shall also submit to the EOR for review, with such promptness as to cause no delay in Work, all samples required by the Contract Documents. All

samples shall have been checked by and stamped with the approval of the CONTRACTOR, identified clearly as to material, manufacturer, any pertinent catalog numbers and the use for which intended.

Contractor shall submit to Consultant for purpose of checking conformance with information given and design concept expressed in the documents.

After review, Consultant shall submit color board to District's Project Manager per Submittal Procedures. Samples shall also conform to the following:

6.11.2.1 Sample finishes and colors shall be from full range of manufactures' standard colors, textures, and patterns for Consultant's selection and preparation of color board for District's approval.

6.11.2.2 After review and approval by District, provide duplicates and distribute per Submittal Procedures.

6.11.2.3 Submit samples to illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.

6.11.2.4 Include identification on each sample, with full project information.

6.11.2.5 Submit number of samples specified in specification, one of which Consultant shall retain.

Reviewed samples may be used in work, if indicated.

6.11.3 DEVIATIONS: At the time of each submission, the CONTRACTOR shall in writing call the EOR'S attention to any deviations that the Shop Drawings or sample may have from the requirements of the Contract Documents.

6.11.4 CONFORMANCE REVIEW: The EOR shall review within ten (10) days or as extended by District Shop Drawings and samples, but his review shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The review of a separate item as such shall not indicate review of the assembly in which the item functions. The CONTRACTOR shall make any corrections required by the EOR at CONTRACTOR'S expense and shall return the required number of corrected copies of Shop Drawings and resubmit new samples until the review is satisfactory to the EOR. The CONTRACTOR shall direct specific attention in writing or on resubmitted Shop Drawings to revisions other than the corrections called for by the CONSULTANT on previous submissions. The CONTRACTOR'S stamp of approval on any Shop Drawings or sample shall constitute a representation to the DISTRICT and the EOR that the CONTRACTOR has either determined and verified all quantities, dimensions, field construction criteria, materials, catalogue numbers and similar data or he assumes full responsibility for doing so, and that he has reviewed or coordinated each Shop Drawing or sample with the requirements of the Work and the Contract Documents. Shop Drawings submitted without the CONTRACTOR'S stamp or specific written indication shall be returned without action. Shop Drawings and submittal data shall be reviewed two times, thereafter all further review time shall be charged to the CONTRACTOR.

6.11.5 APPROVAL: No work requiring a Shop Drawing or sample submission shall be commenced until the submission has been reviewed and approved by the EOR. A copy of each Shop Drawing and each approved sample shall be kept in good order by the CONTRACTOR at the site and shall be available to the EOR.

6.11.6 SPECIFIC DEVIATIONS: The EOR'S review of Shop Drawings or samples shall not relieve the CONTRACTOR from his responsibility for any deviations from the requirements of the



Contract Documents unless the CONTRACTOR has in writing called the EOR'S attention to such deviation at the time of submission and the EOR has given written approval to the specific deviation, nor shall any review by the EOR relieve the CONTRACTOR from responsibility for errors or omissions in the Shop Drawings.

6.11.7 Where a Shop Drawing or sample is required by the Specifications, any related WORK performed prior to EOR'S review and acceptance of the pertinent submission shall be the sole expense and responsibility of CONTRACTOR.

6.12 SITE CLEAN UP:

6.12.1 SITE: The CONTRACTOR shall clean up behind the Work as much as is reasonably possible as the Work progresses. Upon completion of the Work, and before acceptance of and final payment for the Project by the DISTRICT, the CONTRACTOR shall remove all his surplus and discarded materials, excavated material and rubbish from the roadways, sidewalks, parking areas, lawns and all adjacent property; shall clean his portion of Work involved in any building under this Contract, so that no further cleaning by the DISTRICT is necessary prior to his occupancy; shall restore all property, both public and private, which has been disturbed or damaged during the prosecution of the Work; and shall leave the whole in a neat and presentable condition.

6.12.2 BUILDING CLEAN-UP: Clean-up operations shall consistently be carried on by the CONTRACTOR at all times to keep the premises free from accumulation of waste materials and rubbish. Upon completion of the Work he shall remove all rubbish, tools, scaffolding, surplus materials, etc., from the building and shall leave his work "broom clean", or its equivalent, unless more exactly specified elsewhere in the Contract. The CONTRACTOR shall do the following special cleaning for all trades upon completion of the Work:

6.12.2.1 Remove putty stains and paint from and wash and polish all glass. Do not scratch or otherwise damage glass.

6.12.2.2 Remove all marks, stains, fingerprints and other soil and dirt from painted, stained and decorated work.

6.12.2.3 Remove all temporary protections and clean and polish floors.

6.12.2.4 Clean and polish all hardware for all trades; this shall include removal of all stains, dust, dirt, paint, etc.

6.12.2.5 General: In case of dispute, the DISTRICT may remove the rubbish and charge the cost to the CONTRACTOR.

6.13 PUBLIC CONVENIENCE AND SAFETY:

6.13.1 Convenience: The CONTRACTOR shall, at all times, conduct the Work in such a manner as to insure the least practicable obstruction to public travel. The convenience of the general public and of the residents along and adjacent to the area of the Work shall be provided for in a satisfactory manner, consistent with the operation and local conditions.

6.13.2 Safety: "Street Closed" signs shall be placed immediately adjacent to the Work, in a conspicuous position, at such locations as traffic demands. At any time that streets are required to be closed, Contractor shall obtain approval to close the street from the appropriate regulatory agencies having jurisdiction. The CONTRACTOR shall notify law enforcement agencies, fire departments, and parties operating emergency vehicles before the street is closed and again as soon as it is opened. Approval from the DISTRICT shall be coordinated through the office of the Director of Facilities including notification of the news media and affected property owners. Access to fire

hydrants and other fire extinguishing equipment shall be provided and maintained at all times. Traffic paths shall be maintained for local traffic.

6.14 SANITARY PROVISIONS:

6.14.1 The CONTRACTOR shall furnish necessary toilet conveniences, secluded from public observation, for use of all personnel on the Work, whether or not in his employ. They shall be kept in a clean and sanitary condition and shall comply with the requirements and regulations of the Public Authorities having jurisdiction. He shall commit no public nuisance. Temporary sanitary facilities shall be removed upon completion of the Work and the premises shall be left clean.

6.15 INDEMNIFICATION:

6.15.1 CONTRACTOR agrees to protect, defend, indemnify, and hold harmless the District, its employees, representatives, and elected officials from any and all claims and liabilities including all attorney's fees and court costs, including appeals, for which the District, its employees, representatives, and elected officials can or may be held liable as a result of injury (including death) to persons or damage to property occurring by reason of any negligence, recklessness, or intentional wrongful misconduct of the CONTRACTOR, its employees, or agents, arising out of or connected with this Agreement. The CONTRACTOR shall not be required to indemnify the District or its agents, employees, representatives, or elected officials when an occurrence results solely from the wrongful acts or omissions of the District, or its agents, employees or representatives.

6.15.2 The CONTRACTOR, without exemption, shall indemnify and hold harmless, the District, its employees, representatives and elected officials from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, service marked, trademarked patented or unpatented invention, process, or any other intellectual property right or item manufactured by the CONTRACTOR. Further, if such a claim is made, or is pending, the CONTRACTOR may, at its option and expense, procure for the District the right to use, replace, or modify the item to render it non-infringing. If none of the alternatives are reasonably available, the District agrees to return the article on request to the CONTRACTOR and receive reimbursement from the CONTRACTOR. If the CONTRACTOR used any design, device or materials covered by letters, patent or copyright, it is mutually agreed and understood, without exception, that the Bid prices shall include all royalties or cost arising from the use of such design, device or materials in any way involved in the work. This article shall survive the termination of any contract with the School District.

6.15.3 The parties agree that Ten Dollars (\$10.00) of the total compensation paid to the Bidder for performance of this Agreement shall represent the specific consideration for the Bidder's indemnification of the Owner.

6.15.4 The District reserves the right to select its own legal counsel to conduct any defense in any such proceeding and all costs and fees associated therewith shall be the responsibility of CONTRACTOR under the indemnification agreement.

6.15.5 It is the specific intent of the parties hereto that the foregoing indemnification complies with F.S. 725.06 (Chapter 725). It is further the specific intent and agreement of the parties that all of the Contract Documents on this Project are hereby amended to include the foregoing indemnification and the "Specific Consideration" therefore.

6.15.6 Nothing contained herein is intended nor shall be construed to waive District's rights and immunities under the common law or Florida Statutes 768.28, as amended from time to time.

**6.16 CLAIMS:**

6.16.1 In any and all claims against the DISTRICT or the EOR or any of their agents or employees, by any employee of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under paragraph 6.15 (Indemnification) shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the CONTRACTOR or any Subcontractor under worker's compensation acts, disability benefit acts or other employee benefit acts.

6.16.2 Obligation: The obligations of the CONTRACTOR under paragraph 6.13 shall not extend to the liability of the EOR'S negligent acts, errors or omissions or those of his employees or agents.

6.17 RESPONSIBILITY FOR CONNECTING TO EXISTING WORK:

6.17.1 It shall be the express responsibility of the CONTRACTOR to connect his Work to each part of the existing work or work previously installed as required by the Drawings and Specifications to provide a complete installation.

618 WORK IN STREET, HIGHWAY AND OTHER RIGHTS-OF-WAY: (move to 4.1 section)

6.18.1 Excavation, grading, fill, storm drainage, paving and any other construction or installations in rights-of-way of streets, highways, public carrier lines, utility lines (either aerial, surface or subsurface), etc., shall be done in accordance with requirements of these Specifications and authorities having jurisdiction. The CONTRACTOR shall be responsible for obtaining all permits necessary for the work. Upon completion of the Work, CONTRACTOR shall present to EOR certificates, in triplicate, from the proper authorities stating that the Work has been done in accordance with their requirements.

6.18.2 The DISTRICT shall cooperate with the CONTRACTOR in obtaining action from any utilities or public authorities involved in the above requirements.

6.19 COOPERATION WITH GOVERNMENTAL DEPARTMENTS, PUBLIC UTILITIES, ETC.:

6.19.1 The CONTRACTOR shall be responsible for making all necessary arrangements with governmental departments, public utilities, public carriers, service companies and corporations owning or controlling roadways, railways, water, sewer, gas, electrical, cable television, telephone, and telegraph facilities such as pavements, tracks, piping, wires, cables, conduits, poles, guys, etc., including incidental structures connected therewith, that are encountered in the Work in order that such items may be properly shored, supported and protected, or the CONTRACTOR may relocate them with Utility Owner's approval, if he so desires.

6.19.2 NOTICES: The CONTRACTOR shall give all proper notices, shall comply with requirements of such parties in the performance of his Work, shall permit entrance of such parties on the Project in order that they may perform their necessary work, and shall pay all charges and fees made by such parties for this work.

6.19.3 GOVERNMENT AGENCY CAUSED DELAYS: The CONTRACTOR'S attention is called to the fact that there may be delays on the Project due to work to be done by governmental departments, public utilities, and others in repairing or moving poles, conduits, etc. The CONTRACTOR shall cooperate with the above parties, in every way possible, so that the construction can be completed in the least possible time.

6.19.4 CODES, LAWS, ORDINANCES AND REGULATIONS: The CONTRACTOR shall have made himself

familiar with all codes, laws, ordinances and regulations which in any manner affect those engaged in the Work, or materials and equipment used in or upon the Work, or in any way affect the conduct of the Work, and no plea of misunderstanding shall be considered on account of his ignorance thereof.

6.20 USE OF PREMISES: (move to contractor responsibilities)

6.20.1 CONTRACTOR shall confine construction equipment, the storage of materials and equipment and the operations of workers to the project site and land and areas identified in and permitted by the Contract Documents and other land and areas permitted by laws, ordinances, and regulations, rights-of-way, permits, easements, and directions of the DISTRICT'S REPRESENTATIVE, and shall not reasonably encumber the premises with construction equipment or other materials or equipment.

6.20.2 CONTRACTOR shall assume full responsibility for any damage to any such land or area, or to the DISTRICT or occupant thereof or of any land or areas contiguous thereto, resulting from the performance of the WORK. Should any claim be made against the DISTRICT or EOR by any such owner or occupant because of the performance of the WORK, CONTRACTOR shall promptly attempt to settle with such other party by Contract or otherwise resolve the claim. CONTRACTOR shall, to the fullest extent permitted by laws and regulations, indemnify and hold the DISTRICT and EOR harmless from and against all claims, damages, losses and expenses (including, but not limited to, fees of engineers, architects, attorneys and other professionals and court costs) arising directly, indirectly or consequentially out of any action, legal or equitable, brought by any such other party against the DISTRICT or EOR to the extent based on a claim arising out of CONTRACTOR'S performance of the WORK.

6.20.3. During the progress of the WORK, CONTRACTOR shall keep the premises free from accumulations of waste materials, rubbish and other and other debris resulting from the WORK. At the completion of the WORK CONTRACTOR shall remove all waste materials, rubbish and debris from and about the premises as well as all tools, appliances, construction equipment and machinery, and surplus materials, and shall leave the site clean and ready for occupancy by the DISTRICT. CONTRACTOR shall restore to original condition all property not designated for alteration by the Contract Documents.

6.20.4 CONTRACTOR shall not overload or permit any part of any structure to be loaded with such weight as shall endanger its safety, nor shall he subject any part of the Work to stresses or pressures that shall endanger it.

6.20.5 CONTRACTOR shall enforce the DISTRICT'S PROJECT MANAGER's instructions in connection with signs, advertisements, fires and smoking.

6.20.6 CONTRACTOR shall arrange and cooperate with DISTRICT in routing and parking of automobiles of his employees, Subcontractors and other personnel, and in routing material delivery trucks and other vehicles to the Project site.

6.21 PROTECTION OF EXISTING PROPERTY IMPROVEMENTS:**Related Articles:**

- 6.2- Contractor Risk and Work Protection
- 6.10-Safety, Protection, Storage and emergencies
- 6.38-Temporary barriers and Enclosures
- 6.39-Security

6.21.2 Any existing surface or subsurface improvements, such as pavements, curbs, sidewalks, pipes or utilities, footings, or structures (including portions thereof), trees and shrubbery, not



indicated on the Drawings or noted in the Specifications as being removed or altered shall be protected from damage during construction of the Project. Any such improvements damaged during construction of the Project, whether or not such improvements appear on the drawings, shall be restored to a condition equal, or better, to that existing at time of award of Contract. Such restoration or repair shall be at the sole expense of the Contractor, and no claim for an increase in the Contract Price under paragraph 6.21 or under Article 10 shall be allowed.

6.22 TEMPORARY HEAT:

6.22.1 The CONTRACTOR shall provide heat, fuel and services as necessary to protect all work and materials, within all habitable areas of permanent building construction, for all contracts against injury from dampness and cold until final acceptance of all work and materials for the Project, unless building is fully occupied by the DISTRICT prior to such acceptance, in which case the DISTRICT shall assume all expenses of heating from date of full occupancy. Unless otherwise specifically permitted by Special Conditions, the permanent heating system shall not be used to provide temporary heat. CONTRACTOR'S proposed methods of heating shall be submitted for approval.

6.23. SCHEDULE

6.23.1 CONTRACTOR shall submit to EOR for review and comment (to the extent indicated in paragraph 2.6.Finalizing Schedule) proposed adjustments in the progress schedule to reflect the impact thereon of new developments; these shall conform generally to the progress schedule then in effect and additionally shall comply with any provisions of the General Requirements applicable thereto. All approved changes shall be memorialized as change orders.

6.24 CONTINUING THE WORK:

6.24.1 CONTRACTOR shall carry on the WORK and adhere to the progress schedule during all disputes or disagreements with the DISTRICT. No WORK shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Article 15 (Suspension and termination of Work) or as CONTRACTOR and the DISTRICT may otherwise agree in writing.

6.25 CONTRACTOR'S GENERAL WARRANTY AND GUARANTEE:

Related Articles: Warranties Attachment 14.4, Contractor's Warranty of Title

6.25.1 CONTRACTOR warrants and guarantees to DISTRICT and EOR that all work shall be in accordance with the Contract Documents and shall not be *defective*. That Contractor guarantees to repair, replace or otherwise make good to the satisfaction of the DISTRICT any defect in workmanship or material appearing in the Work; and further guarantees the successful performance of the Work for the service intended.

Contractor's warranty and guarantee hereunder excludes defects or damage caused by:

6.25.1.1 Abuse, modification or improper maintenance or operation by persons other than CONTRACTOR, Subcontractors or Suppliers; or;

6.25.1.2 Normal wear and tear under normal usage.

6.25.2 Contractor's obligation to perform and complete the WORK in accordance with the Contract Documents shall be absolute. None of the following shall constitute an acceptance of WORK that is not in accordance with the Contract Documents or a release of CONTRACTOR's obligation to perform the WORK in accordance with the Contract Documents:

6.25.2.1 Observations by EOR;

6.25.2.2 Recommendation of any progress or final payment by EOR;

6.16.2.3 The issuance of a certificate of Substantial Completion or any payment by DISTRICT to CONTRACTOR under the Contract Documents;

6.25.2.4 Use or occupancy of the WORK or any part thereof by DISTRICT;

6.25.2.5 Any acceptance by DISTRICT or any failure to do so;

6.25.2.6 Any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by EOR pursuant to paragraph 14.10;

6.26 DELETION/OVERSIGHT/MISSTATEMENT:

6.26.1 Any deletion, oversight or misstatement of the Specifications shall not release the Bidder from the responsibility of completing the project within the agreed upon time frame.

6.26.2 The cost of incidental work described in these Contract Requirements, for which there are no specific Contract Items, shall be considered as part of the general cost of doing the work and shall be included in the prices for the various Contract Items. No additional payment will be made therefore.

6.27 EXCEPTIONS TO SPECIFICATIONS:

6.27.1 Any exceptions to the Specifications and/or drawings must be brought to the attention of the Purchasing Department in writing prior to the expiration of the Bid question period. Failure to list any exceptions with the Purchasing Department in writing prior to the end of the Bid question period means the Bidder is complying 100% with the Specifications. All materials may be inspected by the District upon delivery for compliance with the Specifications. Deviations from the specifications shall be cause for the bid to be rejected as non-responsive unless the deviation was approved prior to the submittal of bids.

6.27.2 Any deletion, oversight or misstatement of these Specifications shall not release the Bidder from full responsibility for unsatisfactory workmanship and /or materials, together with all appurtenances necessary for unrestricted operation, as determined by the District in its sole discretion.

6.28 SILENCE OF SPECIFICATIONS:

6.28.1 The apparent Silence of any Specification as to any details, or the omission from the specifications of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that materials of the first quality and correct type, size and design are to be used. All workmanship is to be of first quality.

6.28.1.1 Work not specified in the Specifications, but involved in carrying out their intent or in the complete and proper execution of the work, is required and shall be performed by the Contractor as though it were specifically delineated or described.

6.29 QUALITY

6.29.1 Items delivered as a result of award from this bid shall be free of defects. Any item(s) not meeting this specification shall be picked-up by the awarded Bidder for immediate replacement at no additional charge to the District.

6.30 TRANSPORTATION AND HANDLING:

6.30.1 Transport and handle Products in accordance with manufacturer's instructions.



6.30.2 Promptly inspect shipments to ensure that Products comply with requirements, quantities are correct, and Products are undamaged.

6.30.3 Provide equipment and personnel to handle Products by methods to prevent soiling, disfigurement, or damage.

6.31 DISPOSAL:

6.31.1 Before the Contractor disposes of any existing improvements or equipment which is to be removed as a portion of the work, and for which disposition is not specifically provided for elsewhere in these Specifications, he shall contact the DISTRICT and determine if the removal items are to be salvaged. Items to be salvaged by the DISTRICT shall be neatly stockpiled or stored in a neat and acceptable manner at the construction site easily accessible to the DISTRICT. Equipment and materials which shall not be salvaged by the DISTRICT shall become the property of the Contractor to be removed from the site and disposed of in an acceptable manner.

6.32 OCCUPATIONAL HEALTH AND SAFETY:

6.32.1 The CONTRACTOR, as a result of award of the bid, delivering any toxic substances item as defined in Code of Federal Regulation Chapter 29, shall furnish to the Purchasing Department, a Material Safety Data Sheet (MSDS). The material safety data sheet shall be provided with initial shipment and shall be revised on a timely basis as appropriate. The MSDS must include the following information:

6.32.2 The chemical name and the common name of the toxic substance.

6.32.3 The hazards or other risks in the use of the toxic substance, including:

6.32.3.1 The potential for fire, explosion, corrosion and reactivity;

6.32.3.2 The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the toxic substance; and

6.32.3.3 The primary routes of entry and symptoms of overexposure.

6.32.4 The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the toxic substances including appropriate emergency treatment in case of overexposure.

6.32.5 The emergency procedure for spills, fire, disposal and first aid.

6.32.6 A description in lay terms of the known specific potential health risks posed by the toxic substance intended to alert any person reading this information.

6.32.7 The year and month, if available, that the information was compiled and the name, address and emergency telephone number of the manufacturer responsible for preparing the information. Any questions regarding this requirement should be directed to: Department of Labor and Employment Security, Bureau of Industrial Safety and Health, Toxic Waste Information Center, 2551 Executive Center Circle West, Tallahassee, FL 32301-5014, Telephone 1800-367-4378.

6.33 OSHA:

6.33.1 The CONTRACTOR warrants that the product/services supplied to the District shall conform in all respects to the standards set forth in the Occupational Safety and Health Act 1970, as amended, and the failure to comply with this condition shall be considered as a breach of contract.

6.34 CONDITIONS AND PACKAGING:

Related Article: 6.4 Labor, Materials And Equipment: Conditions, Substitutions

6.34.1 It is understood and agreed that any item offered or shipped as a result of this bid shall be new (current production model at the time of the bid). All containers shall be suitable for storage or shipment, and all prices shall include standard commercial packaging.

6.35 UNDERWRITERS' LABORATORIES:

6.35.1 Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall be UL listed or re-examination testing where such has been established by UL for the items offered and furnished.

6.36 ASBESTOS:

6.36.1 Contractor shall not use any asbestos or asbestos-based fiber materials in the Work performed under this Contract.

6.36.2 If the CONTRACTOR during the course of the WORK observes the existence of asbestos in any structure, building or facility, the CONTRACTOR shall promptly notify the DISTRICT and the EOR. The DISTRICT shall consult with the EOR regarding removal or encapsulation of the asbestos material and the CONTRACTOR shall not perform any WORK pertinent to the asbestos material prior to receipt of special instructions from the DISTRICT through the EOR.

6.37 CLOSEOUT SUBMITTALS:

PART 1 GENERAL

6.37.1 SCOPE OF WORK

- 6.37.1.1 Closeout procedures.
- 6.37.1.2 Final cleaning.
- 6.37.1.3 Adjusting.
- 6.37.1.4 Project record documents.
- 6.37.1.5 As-built survey.
- 6.37.1.6 Operation and maintenance data.
- 6.37.1.7 Spare parts and maintenance Products.
- 6.37.1.8 Warranties and bonds.
- 6.37.1.9 Maintenance service.

6.37.2 RELATED SECTIONS

- Payment Procedures.
- Submittal Procedures.
- Commissioning.
- Testing, Adjusting and Balancing of HVAC.
- Commissioning of HVAC.

6.37.3 CLOSEOUT PROCEDURES

6.37.3.1 Submit written certification that contract documents were reviewed, work inspected, and that work is complete in accordance with contract documents and ready for DISTRICT'S Project Manager and EOR'S review.

6.37.3.2 Provide submittals to EORT and DISTRICT'S Project Manager that are required by governing or other authorities.

Submit final application for payment identifying total adjusted contract sum, previous payments, and sum remaining due.

DISTRICT may opt to occupy or portions of completed facilities upon substantial completion of those portions of work.



Contractor/CM shall provide punch list to EOR identifying items remaining to be completed.

EOR shall inspect project to determine completion of punch list and project compliance with Contract Documents.

6.37.4 FINAL CLEANING

6.37.4.1 Execute final cleaning prior to final project assessment.

6.37.4.2 Clean interior and exterior glass, surfaces exposed to view; remove temporary labels, stains and foreign substances, wax, clean and polish transparent and glossy surfaces, vacuum carpet and soft surfaces.

6.37.4.3 Clean equipment and fixtures to sanitary condition with cleaning materials per manufacturer's written recommendations.

6.37.4.4 Replace filters of operating equipment.

6.37.4.5 Clean debris from roofs, gutters, downspouts, and drainage systems.

6.37.4.6 Clean site; sweep paved areas, rake clean landscaped surfaces.

6.37.4.7 Remove waste and surplus materials, rubbish, and construction facilities from the site.

6.37.4.8 Clean and sanitize water fountains (coolers).

6.37.4.9 Clean ledges countertops and shelves with all-purpose non-abrasive cleaner leaving no residue.

6.37.5 ADJUSTING

6.37.5.1 Adjust operating products and equipment to ensure smooth and unhindered operation.

6.37.6 PROJECT RECORD DOCUMENTS

6.37.6.1 Maintain on site one set of record documents, recording accurate field revisions to contract documents to include:

- Drawings/specifications and addenda.
- Change orders and other modifications to work.
- Reviewed shop drawings, product data, and samples.
- Manufacturer's instruction for assembly, installation, and adjusting.

6.37.6.2 Ensure entries are complete and accurate, enabling ready access and reference by DISTRICT's Project Manager.

6.37.6.3 Store record documents separate from documents used for construction.

6.37.6.4 Record information concurrent with construction progress.

6.37.6.5 Specifications shall be legibly marked and recorded for each product used indicating the following:

- Manufacturer's name, product model and number.
- Product substitutions or alternates utilized.
- Changes made by addenda and modifications.

6.37.6.6 Record drawings and shop drawings shall be legibly marked with each item recorded to indicate actual construction as follows"

1. Measured depths of foundations in relation to finish first floor datum.
2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.

3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the work.

4. Field changes of dimension and details.

5. Details not on original contract drawings.

6.37.6.7 As-built survey: Upon completion of site construction improvements, provide EOR and DISTRICT's Project Manager with complete and accurate field survey prepared, signed and sealed by Florida registered surveyor.

6.37.6.8 Provide exact horizontal and vertical location relative to property lines and NGVD of buildings, concrete and asphalt surfaces and all drainage features including lakes, detention areas, berms, embankments, swales drainage inlets, storm-water outfalls, storm and sewer manholes and water shut off valve locations.

6.37.6.9 Provide actual grades of spot elevations shown on paving and drainage plans.

6.37.6.10 Provide sufficient information indicating a true representation of constructed grade conditions for areas where grading between two elevation points is not constructed at uniform slope.

6.37.6.11 Survey shall include cross sections elevations at 50' stations of swales, lakes, and drainage retention areas including banks, berms, bottoms and transitions constructed or improved.

Elevations shown shall be accurate to the nearest tenth of a foot.

6.37.6.12 Upon project completion, transfer project record drawing information and recording of building and site survey information to Autocad (2008 or later format) files and provide two copies of CD's to EOR for review and transmitted to DISTRICT, prior to claim for final Application for Payment.

Contractor/CM shall also submit hard copies of record drawings and project manual maintained during project to DISTRICT's Project Manager.

DISTRICT will be responsible for making prints from CD's and for their distribution to DISTRICT's user groups.

6.37.6.13 Submit one additional CD in Autocad to DISTRICT for distribution to Sheriff's Department with following information:

Provide Site Plan on black background indicating the following site information and in colors and layers indicated.

- | | |
|---|---------|
| a. Roads and Driveways into and on site | White |
| b. Backflow and PIV Valves | Cyan |
| c. Valves for Fire Lines | Magenta |
| d. Fire Hydrants | White |
| e. Emergency Generator | Cyan |
| f. Flammable Storage Buildings | Red |
| g. Gas Tanks | Red |

Provide separate drawing files for each floor plan along with mechanical mezzanines and roof access locations showing following systems and in colors and layers indicated.

- | | |
|-----------------------------|---------|
| a. Intercom Panel | Yellow |
| b. Fire Alarm Panel | Red |
| c. Electrical Panels | Magenta |
| d. HVAC Control Panels | White |
| e. Roof Access Panels | Cyan |
| f. Flammable Storage Spaces | Red |



- g. Custodial Storage Orange
- h. Walls, windows, room names and numbers Gray

6.37.7 OPERATION AND MAINTENANCE DATA

6.37.7.1 Submit documentation as noted in individual product specifications and as noted herein.

6.37.8 SPARE PARTS AND MAINTENANCE PRODUCTS

6.37.8.1 Provide spare parts, maintenance, and extra products in quantities specified in specification.

6.37.8.2 Deliver to DISTRICT; obtain receipt prior to final payment.

6.37.9 WARRANTIES

6.37.9.1 Submit documentation as noted in individual product specifications and as noted herein.

6.37.9.2 Provide duplicate notarized copies.

6.37.9.3 Execute and assemble transferable warranty documents from subcontractors, suppliers, and manufacturers.

6.37.9.4 Provide Table of Contents and assemble in D-side 3-ring white binders with typed title sheet of contents inside durable plastic front cover.

6.37.9.5 Submit prior to final application for payment.

6.37.9.6 For items of work delayed beyond date of substantial completion, provide updated submittal within ten days after acceptance, listing date of acceptance as start of warranty period.

6.37.10 MAINTENANCE SERVICE

6.37.10.1 Furnish service and maintenance of components indicated in specification sections for one-year from date of substantial completion.

6.37.10.2 Examine, clean, adjust, and lubricate system components as required for reliable operation.

6.37.10.3 Include systematic examination, adjustment, and lubrication of components repairing or replacing parts as required with parts produced by the manufacturer of the original component.

6.37.10.4 DISTRICT shall approve in writing of transfers or reassignments of maintenance service tasks.

6.37.11 ASBESTOS CERTIFICATION

6.37.11.1 Provide notarized letter from Contractor/CM certifying that "to the best of his/her knowledge no asbestos containing building materials were used as a building material in the project", per FS 255.40.

6.37.12 PRODUCTS

6.37.12.1 APPROVED PRODUCTS Use only cleaning and maintenance products approved for use in Florida Educational Facilities.

6.38 TEMPORARY BARRIERS AND ENCLOSURES

6.38.1 GENERAL

Related Articles:

6.2- Contractor Risk and Work Protection

6.10-Safety, Protection, Storage and emergencies

6.21 Protection of Existing Property Improvements

6.38-Temporary barriers and Enclosures

6.39-Security

6.38.1.1 SCOPE OF WORK

6.38.1.2 Temporary barriers and enclosures to provide construction work areas separate from Owner's on-going school operations.

6.38.1.3 Protection of new work, existing facilities and grounds from damage, theft, vandalism, and unauthorized entry.

6.38.1.4 Six (6) foot high chain link fencing surrounding and separating areas under construction including area for contractor's mobilization and parking separate from existing school facilities and on-going school activities.

6.38.1.5 Demising walls and other barriers as required to separate building areas under construction that permits safe and unobstructed exiting of partially Owner occupied buildings.

6.38.1.6 Safety of construction workers and students, faculty and visitors located in areas of school facilities not under renovation or construction.

6.38.1.7 Control dust, erosion and sediment, noise, pollution, rodent and environmental control.

6.38.2 RELATED DOCUMENTS

Project Management and Coordination.

Security Procedures.

Submittal Procedures.

6.38.3 ENTRY CONTROL

6.38.3.3 Restrict entrance of persons and vehicles into Project site and existing facilities in accord with Section 01 35 33 – Security Procedures.

6.38.3.4 Prior to project commencement, Contractor's on-site personnel shall meet with Owner's Project Manager and School staff for renovation and new construction to delineate areas for Contractor's operations to include storage and office trailers, parking, material storage lay-down areas.

6.38.3.5 Material deliveries shall be coordinated with school staff to ensure safe transit of students and staff across delivery routes.

6.38.3.6 Interruption of preapproved entry controls shall be coordinated with Owner's Project Manager and School staff prior to proposed interruption.

6.38.3.7 Allow entrance only to authorized persons with proper identification.

6.38.3.8 Contractor/CM shall post "No Trespassing" and "Hard Hat Area" signs along project perimeter and at construction access points.

1. No Trespassing sign shall include statutory language that area is construction site and that trespassing and theft are felonies and violators will be prosecuted.

2. No Trespassing sign shall include name of Contractor/CM.

3. No Trespassing signs shall not be larger than 24"(600mm) by 24"(600mm).

4. Hard Hat Area sign shall not be larger than 12"(300mm) by 12"(300mm).



6.38.4 DEMISING WALLS

6.38.4.1 Where location of construction is contiguous to or within existing school, Provide demising walls to physically separate new or renovation work from existing on-going school operations.

6.38.4.2 Demising walls shall be continuous plywood with vapor barrier and wood framing to prevent unauthorized entrance, dust or debris from entering occupied portion of school.

6.38.4.3 Where construction is overhead, provide safe and secure method of access through or adjacent to work with system of scaffolding, plywood or wood planking overhead to prevent falling debris or materials from interrupting safe passage through construction area.

6.38.5 FENCING

6.38.5.1 Areas under construction including area for contractor's mobilization and parking shall be separated from existing school facilities and on-going school activities with fencing.

6.38.5.2 Provide 6' high chain link fencing along construction zone boundaries not facing existing buildings.

6.38.5.3 Provide with 6' high chain link fencing with visual fabric covering along construction zone boundaries greater than 20' of existing buildings not in construction zone.

6.38.5.4 Provide with 6' high chain link fencing with plywood covering along construction zone boundaries greater less than 20' of existing buildings not in construction zone.

6.38.5.5 Fencing shall be designed to resist winds up to 74 miles per hour.

6.38.5.6 Contractor (CM) shall have option of providing fencing designed to withstand 140 miles per hour or be completely removed 24 hours prior to occurrence of anticipated high wind event.

6.38.5.7 Provide access gates required by code for ingress and egress and for Owner's and Contractor/CM's access to Owner's access to occupied portion of site and for construction access.

6.38.6 ENVIRONMENTAL CONTROLS

6.38.6.1 Protect existing buildings and adjacent property from dust produced by construction operations. Use encapsulating or wetting devices to control moisture content of traffic and construction areas.

6.38.6.2 Control surface drainage to prevent off site discharge of pollutants and prevent erosion and sedimentation.

6.38.6.3 Provide berms, dikes or drains to divert water flow away from new or existing structures into storm water retention areas.

6.38.6.4 Provide methods necessary to prevent mud and debris from entering storm water system.

6.38.6.5 Provide methods necessary to prevent excessive noise on site.

1. Comply with OSHA and Owner's noise requirements.

2. Coordinate with Owner's Construction Manager for construction activities to limit or cease construction activities creating any noise associated with construction on active school sites when FCAT testing occurs for one week in March of each year.

6.38.6.6 Provide methods necessary to prevent pests and insects from damaging the work.

6.38.6.7 Provide methods necessary to prevent contamination of soil, water, and atmosphere from discharge of noxious, toxic substances or pollutants from construction operations.

6.38.7 SUBMITTALS

6.38.7.1 Comply with Section "Submittal Procedures."

6.38.7.2 Submit site plan and floor plans indicating locations and material construction of proposed protective structures.

6.38.8 TEMPORARY FENCING

6.38.8.1 Six (6) foot high, minimum 10 gage aluminum or galvanized steel fabric.

6.38.8.2 Fencing shall have six foot high visual fabric cover to block visual access to construction activities.

6.38.8.3 5/8" C/D plywood sheets, pressure treated or other means of weather protection, with 2 x 4 wood framing at edges and 24" maximum vertical spacing.

6.38.9 TEMPORARY WALLS

6.38.9.1 Demising Wall: 5/8" C/D plywood sheets, 2 x 4 wood framing at 24" maximum spacing, and 10 mil black polyethylene vapor barrier covering with sealed joints.

6.38.9.2 Overhead Protection: Metal scaffolding with 3/4" B/C plywood or 2" x 12" wood planking.

6.38.10 EXECUTION/ 1 INSTALLATION AND REMOVAL

6.38.10.1 Temporary fencing shall be installed prior to start of vertical construction and removed upon completion of work.

6.38.10.2 Demising walls shall be installed prior to start of renovations or building additions and removed work

6.38.10.3 Walls shall be protected or removed during storm events where winds are anticipated to exceed 74 miles per hour.

6.39 SECURITY PROCEDURES

6.39.1 SCOPE OF WORK

6.39.1.1 Development of site security program, project entry control procedures, personnel screening and identification in compliance with Florida Statute FS1012.465 – Jessica Lunsford Act for vendors, and Contractor/CM's.

6.39.1.2 RELATED SECTIONS

Project Management and Coordination.

Submittal Procedures.

Temporary Barriers and Enclosures.

6.39.1.3 JESSICA LUNSFORD ACT

1. Contractor/CM, his subcontractors, vendors and suppliers who are to be permitted access to school grounds while students are present, or have direct contact with students or have access to or control of school funds shall obtain Level 2 background screening in accord with Florida Statute FS1012.465 – Jessica Lunsford Act.

2. Level 2 screening excludes personnel working on school district property where students are present who have criminal records that include sexual offender, sexual misconduct with developmentally disabled or mental health patients, terrorism, murder, kidnapping, lewd, lascivious or indecent acts or exposure, incest, child abuse or neglect.

3. Persons screened as noted above with other types of criminal history may be allowed on school grounds provided under following conditions:

4. Contractor/CM, subcontractors, vendors and suppliers shall be under continuous direct supervision of school district employee or Level 2 screened and cleared employee as noted above.



5. Contractor/CM, subcontractors, vendors and suppliers may be allowed on a student occupied site if area of construction is isolated from students by continuous six foot high chain link fence separating work area and school.

6. Persons with current Level 2 clearance who are subsequently arrested for disqualifying offenses shall be disqualified from access to school sites and shall immediately surrender their Photo ID Badge to their employer who shall be responsible for returning badge to Martin County School District's Department of Human Resources with 48 hours of arrest or notice of arrest or criminal offense.

7. Persons failing to notify their employer and Martin County School District's Department of Human Resources with 48 hours of arrest will be charged with 3rd degree felony, punishable by up to five years imprisonment and \$1,000 fine.

8. Employers of persons having been arrested for disqualifying offenses who subsequently allows said employee to continue working on school property may also be charged with 3rd degree felony, punishable by up to five years imprisonment and \$1,000 fine.

9. Contractor/CM, his subcontractors, vendors and suppliers working on school board sites shall be fingerprinted and obtain work badges.

10. Contractor/CM, his subcontractors, vendors and suppliers have worked and obtained in other school districts must be screened to obtain new badges.

11. Questions regarding fingerprinting or identification badge processing may be directed to District Personnel Department at (772)219-1200, Ext. 30296.

12. Fingerprinting services are provided by private vendor through Florida Dept. of Education. DOE sponsored website will direct individuals to nearest fingerprinting location.

Cost of fingerprinting is \$81.25 per person and shall be prepaid either by money order to Fingerprinting Services, LLC or by credit card payment via Internet. Website is <http://www.flprints.com>. For information, telephone (877)357-7456.

13. After fingerprinting and criminal background check is complete, individuals shall make appointment for photo ID's by making appointments at Martin County School District Personnel Department located in Building 20 at School District Administration Center, 500 E. Ocean Blvd., Stuart, FL 34994.

Appointments for ID photo badges shall be made after completion of fingerprinting with Martin County School District Personnel Department by phone at (772) 219-1200, Ext. 30296

Cost of Photo ID's is \$6.00. Payment may be made with company check, money order or personal check.

6.39.2 SECURITY PROGRAM

6.39.2.1 Protect new work, existing facilities and grounds from damage, theft, vandalism, and unauthorized entry.

6.39.2.2 Initiate security program in coordination with Owner's existing security system at time of project mobilization to ensure safety of students, faculty and visitors to the unaffected portions of the school facilities.

6.39.2.3 No student contact is permitted between the Contractor's personnel and students. Any breach of this requirement will result in the immediate removal of the personnel from the job site upon direction by the Owner.

6.39.2.4 Smoking is not allowed on School Board property. Any breach of this restriction will result in immediate removal of personnel from the site upon direction by Owner's Project Manager.

6.39.2.5 Maintain security program throughout construction period until Owner's project acceptance.

6.39.3 ENTRY CONTROL

6.39.3.1 Restrict entrance of persons and vehicles into Project site and existing facilities as indicated by Owner approved security plan.

6.39.3.2 Allow entrance only to authorized persons with proper identification.

Maintain log of workers and visitors, make available to Owner on request.

Coordinate access of Owner's personnel to site in coordination with Owner's security forces.

6.39.4 PERSONNEL IDENTIFICATION

6.39.4.1 Contractor/CM on-site staff, subcontractors and vendors on site shall wear identification badges at all times on site.

6.39.4.2 Identification badges shall be current at time of project and shall be reverified and reissued yearly if project extends past original badge expiration date.

6.39.5 SUBMITTALS

6.39.5.1 Comply with Section Submittal Procedures.

6.39.5.2 Provide list of personnel proposed to be used on project for fingerprinting and background checks (only required for existing school projects).

6.39.5.3 Contractor/CM shall submit initial list of accredited persons and provide monthly updated lists to Owner.

6.39.5.4 Provide security plan to Owner indicating how construction site is to be secured and separated from existing school and its operations including normal and emergency egress and exiting from the operational portion of school and for new additions and existing portion under construction.

6.40 PRODUCT SUBSTITUTION REQUIREMENTS AND PROCEDURES

6.40.1 SCOPE OF WORK

6.40.1.1 Administrative and procedural requirements for consideration of request for substitution during the design and construction phases.

6.40.2 REFERENCES

Submittal Procedures.

References.

Quality Control.

Closeout Submittals.

6.40.3 REQUIREMENTS

6.40.3.1 Whenever a material, article or piece of equipment is identified on the Drawings or Specifications by reference to brand name or catalogue number, it shall be understood that this is referenced for the purpose of defining the performance or other salient requirements, and that other products of equal capacities, quality and function may be considered. The CONTRACTOR may request the substitution of a material, article, or piece of equipment of equal substance and function for those referred to in the Contract Documents by reference to brand name or catalogue number, and if, in the opinion of the EOR and DISTRICT, such material, article, or piece of equipment is of equal substance and function to that specified, the EOR with concurrence of the DISTRICT'S PROJECT MANAGER may approve its substitution and use by the CONTRACTOR



6.40.3.2 A request constitutes a representation that the Contractor or Bidder:

6.40.3.2.1 Has investigated proposed Product and determined that it meets or exceeds the quality level of the specified Product.

6.40.3.2.2 Will provide the same warranty for the Substitution as for the specified Product.

6.40.3.2.3 Will coordinate installation and make changes to other Work which may be required for the Work to be complete with no additional cost to Owner.

6.40.3.2.4 Waives claims for additional costs or time extension which may subsequently become apparent.

6.40.3.2.5 Will reimburse Owner and Consultant for review or redesign services associated with substitution.

6.40.3.3 The application shall state that the evaluation and acceptance of the proposed substitute shall not prejudice CONTRACTOR'S achievement of Substantial Completion on time, whether or not acceptance of the substitute for use in the WORK shall require a change in any of the Contract Documents (or in the provisions of any other direct contract with the DISTRICT for WORK on the Project) to adapt the design to the proposed substitute and whether or not incorporation or use of the substitute in connection with the WORK is subject to payment of any license fee or royalty. All variations of the proposed substitute from that specified shall be identified in the application and available maintenance, repair and replacement service shall be indicated.

6.40.3.4 The application shall also contain an itemized estimate of all costs and cost savings that shall result directly or indirectly from acceptance of such substitute, including costs of redesign and claims of other contractors affected by the resulting change, all of which shall be considered by EOR in evaluating the proposed substitute. EOR may require CONTRACTOR to furnish at CONTRACTOR'S expense additional data about the proposed substitute.

6.40.3.5 Incidental changes or extra component parts required to accommodate the substitute shall be made by the CONTRACTOR without an increase in the Contract Price or Contract Time. The CONTRACTOR shall reimburse the DISTRICT for charges of the EOR and EOR'S consultants for review evaluating each proposed substitution. These costs shall include transportation to operating installation at factories, etc.

6.40.3.6 No substitute shall be ordered or installed without the written approval of the EOR with the DISTRICT'S PROJECT MANAGER's concurrence. The District may require the CONTRACTOR to furnish at CONTRACTOR'S expense a special performance guarantee or other surety with respect to any substitute.

6.40.3.7 Delay caused by obtaining approvals for substitute materials or installations shall not be considered justifiable grounds for an extension of construction time.

6.40.4 SUBMITTAL PROCEDURES

6.40.4.1 Transmit three (3) copies of each substitution request on company letterhead with completed Product Substitution Request Form in the Sample Forms Section of the Document.

6.40.4.2 During bidding phase, substitution requests shall be directed to the DISTRICT.

6.40.4.3 During construction phase substitution requests shall be directed to the District.

6.40.4.4 Substitution Form shall identify project, Contractor/CM and EOR during bidding phase plus Subcontractor or supplier during construction phase indicating Specification Section

and Paragraph number of specified material and pertinent drawing and detail numbers, as appropriate.

Include complete information as required in the Substitution Form. Incomplete information will result in automatic rejection of the substitution request.

6.40.4.5 Apply contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, adjacent construction work, and coordination of information are in accordance with the requirements of the work and contract documents.

6.40.4.6 Schedule submittals to expedite the project, and deliver to EOR or Contractor/CM at business address. Coordinate submission of related items.

6.40.4.7 For each submittal for review, allow five(5) work days excluding delivery time to and from the EOR or CM/Contractor.

6.40.4.8 Identify variations from contract documents and product or system limitations, which may be detrimental to successful performance of the completed work.

6.40.4.9 Provide space for Contractor/CM and EOR review stamps.

6.40.4.10 When revised for resubmission, identify all changes made since previous submission.

6.40.4.11 Distribute copies of reviewed submittals as appropriate. Instruct parties to promptly report any inability to comply with requirements.

6.40.4.12 Submittals not requested will not be recognized or processed.

6.40.4.13 Submit shop drawings, product data, and certified test results attesting to the proposed Product equivalence. Burden of proof is on proposer.

6.40.4.14 The Consultant will notify Contractor in writing of decision to accept or reject request.

6.40.5 SUBSTITUTION REQUESTS

Requests for substitutions shall be made not later than ten (10) calendar days prior to bid date. Requests received after the above dates may not be considered.

6.41 FIELD SAMPLES AND MOCKUPS

6.41.1 SCOPE OF WORK

Administrative and procedural requirements for assure quality of construction before and during construction.

General requirements for mockups and field samples, constructed, applied or assembled at the site for reviewed for use as a quality standard.

6.41.2 RELATED SECTIONS

6.11: Shop Drawings and Samples

Payment Procedures

Submittal Procedures.

References.

Quality Control.

Project Storage and Handling Requirements.

Closeout Submittals.

6.41.3 COORDINATION AND PROJECT CONDITIONS

6.41.3.1 Coordinate scheduling, submittals, and work to ensure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.



6.41.3.2 Verify utility requirements and characteristics of operating equipment are compatible with building utilities.

6.41.3.3 Coordinate work of various sections having interdependent responsibilities for installing, connecting to, and placing in service, such equipment.

6.41.3.4 Coordinate space requirements, supports and installation of mechanical and electrical work that is indicated diagrammatically on Drawings.

6.41.3.5 Follow routing shown for pipes, ducts, and conduit, as closely as practicable; place runs parallel with line of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.

6.41.3.6 In finished areas, except as otherwise indicated, conceal pipes, ducts, and wiring within the construction. Coordinate locations of fixtures and outlets with finish elements.

6.41.3.7 Coordinate completion and clean up of Work of separate sections in preparation for Substantial Completion and for portions of Work designated for DISTRICT's partial occupancy.

6.41.3.8 After DISTRICT occupancy of premises, coordinate access to site for correction of defective Work and Work not in accordance with Contract Documents, to minimize disruption of DISTRICT's activities.

6.41.3.9 DISTRICT change orders for extra work required by Contractor/CM due to poor coordination with sub trades will not be considered.

6.41.4 FIELD ENGINEERING

Employ Land Surveyor registered in State of Florida approved by DISTRICT from DISTRICT's continuing services providers. Obtain list from DISTRICT's Project Manager.

6.41.4.1 Contractor shall locate and protect survey control and reference points.

6.41.4.2 Control datum for survey is that established by DISTRICT provided survey.

6.41.1.3 Verify setbacks and easements; confirm drawing dimensions and elevations.

6.41.4.4 Provide field engineering services. Establish elevations, lines, and levels, utilizing recognized engineering survey practices.

6.41.4.5 Submit copy of site drawing and certificate signed by the Land Surveyor that the elevations and locations of the Work are in conformance with the Contract Documents.

6.41.5 MOCKUP REQUIREMENTS

6.41.5.1 Tests will be performed under provisions identified in this section and identified in respective product specification sections.

6.41.5.2 Assemble and erect specified items with specified attachment and anchorage devices, flashings, seals, and finishes.

6.41.5.3 Accepted mock-ups shall be comparison standard for remaining Work.

6.41.5.4 Where mock-up has been accepted by Architect/Engineer and is specified in product specification sections to be removed; remove mock-up and clear area when directed to do so by Architect/Engineer.

ARTICLE 7 – OTHER WORK

7.1. RELATED WORK AT SITE:

7.1.1 The DISTRICT may perform other WORK related to the Project at the site by the DISTRICT'S own forces, let other direct contracts therefor which shall contain General Conditions similar to these. If the fact that such other WORK is to be performed was not noted in the Contract Documents, written notice thereof shall be given to CONTRACTOR prior to starting any such other WORK; and, if CONTRACTOR believes that such performance shall involve additional time and the parties are unable to agree as to the extent thereof, CONTRACTOR may make a claim therefor as provided in Articles 11 (Change in Contract Price) and Article 12 (Change in Contract Time). If the performance of additional WORK by other Contractor or the DISTRICT is noted in the Contract Documents, no additional adjustment of time or compensation shall be considered.

7.1.2 CONTRACTOR shall afford the DISTRICT and other contractors who are a party to such a direct contract (or the DISTRICT, if the DISTRICT is performing the additional WORK with the DISTRICT'S employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such WORK, and shall properly connect

7.1.2 CONTRACTOR shall afford the DISTRICT and other contractors who are a party to such a direct contract (or the DISTRICT, if the DISTRICT is performing the additional WORK with the DISTRICT'S employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such WORK, and shall properly connect and coordinate the WORK with theirs. CONTRACTOR shall do all cutting, fitting and patching of the WORK that may be required to make its several parts come together properly and integrate with such other WORK. CONTRACTOR shall not endanger any WORK of others by cutting, excavating or otherwise altering their WORK and shall only cut or alter their WORK with the written consent of the DISTRICT, EOR, and others whose WORK shall be affected. The duties and responsibilities of CONTRACTOR under this paragraph are for the benefit of the DISTRICT and other contractors to the extent that there are comparable provisions for the benefit of CONTRACTOR in said direct contracts between the DISTRICT and other contractors.

7.1.3 If any part of CONTRACTOR'S WORK depends for proper execution or results upon the WORK of any such other contractor other than CONTRACTOR'S OWN SUBCONTRACTOR, (or the DISTRICT), CONTRACTOR shall inspect and promptly report to CONSULTANT in writing any delays, defects or deficiencies in such other WORK that render it unavailable or unsuitable for such proper execution and results of CONTRACTOR'S WORK. CONTRACTOR'S failure to report shall constitute an acceptance of the other WORK as fit and proper for integration with CONTRACTOR'S WORK except for latent defects and deficiencies in the other WORK.

7.2. COORDINATION:

7.2.1. If the DISTRICT contracts with others for the performance of other WORK on the Project at the site, the person or organization who shall have authority and responsibility for coordination of the activities among the various prime contractors shall be identified in the Technical Specifications and the specific matters to be covered by such authority and responsibility shall be itemized, and the extent of such authority and responsibilities shall be provided in the Technical Specifications. Unless otherwise provided in the Technical Specifications, neither the DISTRICT nor the EOR shall have any authority or responsibility in respect of such coordination.

ARTICLE 8 – DISTRICT'S RESPONSIBILITIES

8.1 COMMUNICATIONS TO CONTRACTOR:



8.1.1 DISTRICT shall issue all communications to CONTRACTOR, copy to EOR.

8.2 FURNISH DATA:

8.2.1 DISTRICT shall promptly furnish the data required of the DISTRICT under the Contract Documents.

8.3. PAYMENTS:

8.3.1 DISTRICT shall make payments to CONTRACTOR promptly when they are due as provided in Sections 14.5 (Review of Application for Progress payment), and 14.10, (Final Payment and Acceptance).

8.4 LANDS, EASEMENTS: REPORTS AND TESTS:

8.4.1 The DISTRICT'S duties in respect of providing lands and easements and providing engineering surveys, if available, to establish reference points are set forth in paragraphs 4.1.1(Availability of Land) and 4.5.1 (Reference Points).

8.4.2 The DISTRICT shall identify and make available to CONTRACTOR copies of reports of physical conditions at the Site and drawings of existing structures that have been utilized in preparing the Contract Documents as set forth in Paragraph 4.2, (Report of Physical Conditions).

8.5 CHANGE ORDERS

8.5.1 The DISTRICT is obligated to execute Change Orders as indicated in Article 10, (Changes in the Work).

8.6 SUSPENSION OF WORK

8.6.1 In connection with the DISTRICT'S right to stop WORK or suspend WORK see paragraph 13.5 (District May Stop Work) and 15.1 District May Suspend Work). Paragraph 15.2 (District May Terminate for Cause) and 15.3 (District May terminate Without Cause) deals with the DISTRICT'S right to terminate services of CONTRACTOR.

8.7 ESTIMATED DOLLAR VALUE:

8.7.1 No guarantee of the dollar amount of this bid is implied or given.

8.8 QUANTITIES:

8.8.1 Quantities shown are estimates only. No guarantee or warranty is given or implied by the District as to the total amount that may or may not be purchased from any resulting contract. The District reserves the right to decrease or increase quantities or add or delete any item from the contract if it is determined that it best serves the interests of the District. Orders shall be placed as needed by individual locations during the contract period. The CONTRACTOR agrees that the price(s) offered shall be maintained irrespective of the quantity actually purchased.

8.9 ADDITIONAL TERMS AND CONDITIONS:

8.9.1 No additional terms and conditions included with the Bid response shall be evaluated or considered, have any force or effect, and are inapplicable to this Bid. It is understood and agreed that the conditions in these Bid Documents are the only conditions applicable to this Bid and the CONTRACTOR'S authorized signature on the Bid Form attests to this.

ARTICLE 9 – CONSULTANT'S (EOR) STATUS DURING CONSTRUCTION

9.1 DISTRICT'S REPRESENTATIVE:

9.1.1 The EOR (if specifically designated), or a specifically designated employee of the DISTRICT, shall act as the DISTRICT'S REPRESENTATIVE during the construction period. The duties and responsibilities and the limitations of authority of the EOR as one of the DISTRICT'S REPRESENTATIVES during

construction are set forth in Articles 1 through 17 of these Supplementary Conditions and shall not be extended without written consent of the DISTRICT'S PROJECT MANAGER and the EOR.

9.1.2 The EOR's decision with the consent of the DISTRICT'S PROJECT MANAGER in matters relating to aesthetics, shall be final, if within the terms of the Contract Documents.

9.1.3 EOR shall work with the DISTRICT to

9.1.3.1 Establish on-site lines of authority and communications:

9.1.3.2 Schedule and conduct pre-construction meeting and progress meetings.

9.1.4 EOR shall also work with the DISTRICT to Establish procedures for:

9.1.4.1 Submittals

9.1.4.2 Reports and records

9.1.4.3 Recommendations

9.1.4.4 Coordination of drawings

9.1.4.5 Schedules

9.1.4.6 Resolution of conflicts

9.1.5 EOR shall also

9.1.5.1 Interpret Contract Specifications and Drawings

9.1.5.2 Transmit written interpretations to Contractor, and to other concerned parties.

9.1.5.3 Assist in Obtaining permits and approvals

9.1.5.4 Verify that Contractor and subcontractors have obtained inspections for Work and for temporary facilities.

9.1.5.5 Assist DISTRICT to control the use of Site:

9.2 VISITS TO SITE:

9.2.1 After written notice to proceed with the WORK, the EOR shall make visits to the site at intervals appropriate to the various stages of construction or as per EOR'S contract with DISTRICT to observe the progress and quality of the executed WORK and to determine, in general, if the WORK is proceeding in accordance with the Contract Documents. On the basis of his on-site observations, as an experienced and qualified design professional, he shall keep the DISTRICT informed of the progress of the WORK, shall endeavor to guard the DISTRICT against defects and deficiencies in the WORK of the Contractor.

9.3 PROJECT REPRESENTATION:

9.3.1 The Martin County School District or its authorized agents, inspectors or representatives acting within the scope of duties entrusted to them by the DISTRICT.

9.4 CLARIFICATIONS AND INTERPRETATIONS:

9.4.1 The EOR shall issue with reasonable promptness such written clarifications or interpretations of the requirements of the Contract Documents (in the form of Drawings or otherwise) as the DISTRICT may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. If CONTRACTOR believes that a written clarification of interpretation justifies an increase in the Contract Price or an extension of the Contract Time and the parties are unable to agree to the amount or extent thereof, CONTRACTOR may make a claim therefor as provided in Articles 11 (Change in Contract Price) and Article 12 (Change in Contract Time).



9.5 MEASUREMENTS:

9.5.1 MEASUREMENTS: All Work completed under the Contract shall be measured by the EOR'S or DISTRICT'S REPRESENTATIVE or PROJECT REPRESENTATIVE according to the United States Standard Measures. All linear surface measurements shall be made horizontally or vertically as required by the item measured.

9.6 REJECTING DEFECTIVE WORK

9.6.1 The EOR, DISTRICT'S REPRESENTATIVE or PROJECT REPRESENTATIVE shall have authority to disapprove or reject Work which is "defective" (which term is hereinafter used to describe Work that is unsatisfactory, faulty or defective, or does not conform to the requirements of the Contract Documents or does not meet the requirements of any inspection, test or approval referred to in the Contract Documents, or has been damaged prior to final acceptance). They shall also have authority to require special inspection or testing of the Work as they may individually or severally deem necessary, whether or not the Work is fabricated, installed or completed.

9.6.2 Mockups must be approved prior to work beginning. The mockup shall be the basis for the quality of work and the work's acceptance.

9.7 SHOP DRAWINGS, CHANGE ORDERS AND PAYMENTS:

9.7.1 In connection with EOR'S responsibility for Shop Drawings and samples, see Sections 6.11 (Shop Drawings and Samples).

9.7.2 In connection with EOR'S responsibilities as to Change Orders see Article 10, (Changes in the Work), Articles 11 (Change in Contract Price) and Article 12 (Change in Contract Time).

9.7.3 In connection with EOR'S responsibilities in respect of Applications for Payment, etc., see Article 14, (Payments to Contractor and Completion).

9.8 DETERMINATIONS FOR UNIT PRICES:

9.8.1 The DISTRICT PROJECT MANAGER and EOR shall determine the actual quantities and classifications of Unit Price WORK performed by CONTRACTOR. The DISTRICT PROJECT MANAGER and EOR shall review with CONTRACTOR EOR'S preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). The DISTRICT PROJECT MANAGER'S written decisions thereon shall be final and binding upon the DISTRICT and CONTRACTOR unless, within ten days after the date of any such decision, the CONTRACTOR delivers to the DISTRICT and to EOR written notice of intention to appeal from such a decision.

9.9 DECISIONS ON DISPUTES:

9.9.1 The DISTRICT PROJECT MANAGER with the input of the CONSULTANT shall be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the WORK thereunder. Claims, disputes and other matters relating to the acceptability of the WORK or the interpretation of the requirements of the Contract Documents pertaining to the performance and furnishing of the WORK and claims under Articles 11 (Change in Contract Price) and Article 12 (Change in Contract Time) in respect of changes in the Contract Price or Contract Time shall be referred initially to EOR in writing with a request for a formal decision in accordance with this paragraph, which EOR with the consent of the District Project Director shall render in writing within a reasonable time. Written notice of each such claim, dispute and other matter shall be delivered by the claimant to The DISTRICT PROJECT MANAGER and EOR and the other party to the Contract promptly (but in no event later than ten (10) days) after the start of the

occurrence or event giving rise thereto, and written supporting data shall be submitted to The DISTRICT PROJECT MANAGER and EOR within ten (10) days after such occurrence unless CONSULTANT with the consent of the District Project Director allows an additional period of time to ascertain more accurate data in support of such claim, dispute or other matter.

9.9.2 The DISTRICT PROJECT MANAGER and EOR shall submit any response to the claimant within ten (10) days after receipt of the claimant's last submittal (unless The DISTRICT PROJECT MANAGER and EOR allows additional time). EOR with the consent of the District Project Director shall render a formal decision in writing thirty days after receipt of the opposing party's submittal, if any, in accordance with this paragraph. The DISTRICT PROJECT MANAGER'S written decision, on such claim, dispute or other matter shall be final and binding upon CONTRACTOR unless:

(i) an appeal from DISTRICT/ EOR's decision is taken within the time limits and in accordance with the procedures set forth pursuant to Article 16, (Dispute Resolution) or

(ii) a written notice of intention to appeal from The DISTRICT PROJECT MANAGER and EOR's written decision is delivered by CONTRACTOR to the DISTRICT PROJECT MANAGER and EOR within ten (10) days after the date of such decision and a formal proceeding is instituted by the appealing party in a forum of competent jurisdiction to exercise such rights or remedies as the appealing party may have with respect to such claim, dispute or other matter in accordance with applicable Laws and Regulations within thirty (30) days of the date of such decision, unless otherwise agreed in writing by DISTRICT and CONTRACTOR.

9.9.3 The rendering of a decision by The DISTRICT PROJECT MANAGER pursuant to paragraphs 9.8.1, (Determinations for Unit Prices), 9.9.1 and 9.9.2 (Dispute Resolution) with respect to any such claim, dispute or other matter (except any which have been waived by the making or acceptance of final payment as provided in paragraph 14.11 Waiver of Claims) shall be a condition precedent to any exercise by CONTRACTOR of such rights or remedies as either may otherwise have under the Contract Documents or by Laws or Regulations in respect of any such claim, dispute or other matter pursuant to Article 16.

9.10 INSPECTION AND TESTING:

9.10.1 EOR shall inspect work to assure performance in accord with requirements of Contract Documents as follows:

9.10.1.1 Administer special testing and inspections of suspect Work.

9.10.1.2 Reject Work, which does not comply with requirements of Contract Documents.

9.10.2 Coordinate Testing Laboratory Services:

9.10.2.1 Verify that required laboratory personnel are present.

9.10.2.2 Verify that tests are made in accordance with specified standards.

9.10.2.3 Review test reports for compliance with specified criteria.

9.10.2.4 Recommend and administer any required re-testing.

9.11 LIMITATIONS ON EOR:

9.11.1 Neither EOR'S authority to act under this Article 9 or elsewhere in the Contract Documents nor any decision made by EOR either to exercise or not exercise such authority shall give



rise to any duty or responsibility of EOR to CONTRACTOR, any Subcontractor, any Supplier, or any other person or organization performing any of the WORK, or to any surety for any of them.

9.11.2 Whenever in the Contract Documents the term "as ordered", "as directed", "as required", "as allowed", "as approved" or terms of like effect or import are used, or the adjectives "reasonable", "suitable", "acceptable", "proper", or "satisfactory" or adjectives of the like effect or import are used to describe a requirement, direction, review or judgment of EOR as to the WORK, it is intended that such requirement, direction, review or judgment shall be solely to evaluate the WORK for compliance with the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective shall not be effective to assign to EOR any duty or authority to supervise or direct the furnishing or performance of the WORK or any duty or authority to undertake responsibility contrary to the provisions of paragraph 9.11.3 or 9.11.4.

9.11.3 EOR shall not be responsible for CONTRACTOR'S means, methods, techniques, sequences or procedures of construction, or the safety precautions and programs incident thereto, and EOR shall not be responsible to CONTRACTOR for CONTRACTOR'S failure to perform or furnish the WORK in accordance with the Contract Documents.

9.11.4 EOR shall not be responsible for the acts or omissions of CONTRACTOR or of any Subcontractor, any Supplier, or of any other person or organization performing or furnishing any of the WORK.

ARTICLE 10 – CHANGES IN THE WORK

10.1 AUTHORIZED CHANGES IN THE WORK

10.1.1 Without invalidating the Contract and without notice to any surety, the DISTRICT may, at any time or from time to time, order additions, deletions or revisions in the WORK; these shall be authorized by a Written Amendment, a Change Order, or a Work Change Directive. Upon receipt of any such document, CONTRACTOR shall promptly proceed with the WORK involved that shall be performed under the applicable conditions of the Contract Documents, except as otherwise specifically provided.

10.1.2. If the DISTRICT and CONTRACTOR are unable to agree as to the extent, if any, of an increase or decrease in the Contract Price or an extension or shortening of the Contract Time that should be allowed as a result of a Work Change Directive, a claim may be made therefore as provided in Articles 11 (Change in Contract Price) and Article 12 (Change in Contract Time).

10.2 UNAUTHORIZED CHANGES IN THE WORK

10.2.1 CONTRACTOR shall not be entitled to an increase in the Contract Price or an extension of the Contract Time with respect to any WORK performed that is not required by the Contract Documents as amended, modified and supplemented as provided in Section 3.2, (References to Standards) except in the case of an emergency as provided in paragraph 6.10.11 (Emergencies) and except in the case of uncovering WORK as provided in paragraph 13.4.2, (Uncovering Work).

10.3 EXECUTION OF CHANGE ORDERS

10.3.1 The DISTRICT and CONTRACTOR shall execute appropriate Change Orders (or Written Amendments) covering:

10.3.1.1 Changes in the WORK, which are ordered by the DISTRICT pursuant to paragraph 10.1.1, (Changes in the Work) are required because of acceptance of *defective* WORK under paragraph 13.8 or correcting *defective* WORK under paragraph 13.9, or are agreed to by the parties.

10.3.1.2 Changes in the Contract Price or Contract time which the parties agree to.

10.3.1.3 Changes in the Contract Price or Contract Time which embody the substance of any written decision rendered by EOR pursuant to paragraph 9.9.1; (Decisions on Disputes) provided that, in lieu of executing any such Change Order, an appeal may be taken from any such decision in accordance with the provision of the Contract Documents and applicable Laws and Regulations, but during any such appeal, CONTRACTOR shall carry on the WORK and adhere to the progress schedule as provided in paragraph 6.24.1.

10.3.2. Surety. It is distinctly agreed and understood that any changes made in the Contract Documents for this WORK (whether such changes increase or decrease the amount thereof) or any change in the manner or time of payments or time of performance made by the DISTRICT to the CONTRACTOR shall in no way annul, release or affect the liability and surety on the Bonds given by the CONTRACTOR. If notice of any change affecting the general scope of the WORK or the provisions of the Contract Documents (including, but not limited to, Contract Price or contract Time) is required by the provisions of any bond to be given to a Surety, the giving of any such notice shall be CONTRACTOR'S responsibility, and the amount of each applicable Bond shall be adjusted accordingly.

10.3.3 Notwithstanding, anything to the contrary contained within the contract documents, all change orders involving additional cost or extensions of time, shall be governed by the ordinances of the DISTRICT.

ARTICLE 11 – CHANGE OF CONTRACT PRICE

11.1 GENERAL

11.1.1 The Contract Price constitutes the total compensation (subject to authorized adjustments) payable to CONTRACTOR for performing the WORK. All duties, responsibilities and obligations assigned to or undertaken by CONTRACTOR shall be at his expense without change in the Contract Price.

11.1.2 The Contract Price may only be changed by a Change Order or by a Written Amendment. Any claim for an increase or decrease in the Contract Price shall be based on written notice delivered by the party making the claim to the other party and to EOR promptly (but in no event later than ten (10) days) after the occurrence of the event giving rise to the claim and stating the general nature of the claim. Notice of the amount of the claim with supporting data shall be delivered within thirty (30) days after such occurrence (unless EOR allows an additional period of time to ascertain more accurate data in support of the claim) and shall be accompanied by claimant's written statement that the amount claimed covers all known amounts (direct, indirect and consequential) to which the claimant is entitled as a result of the occurrence of said event. All claims for adjustment in the Contract Price shall be determined by DISTRICT and EOR in accordance with paragraph 9.9.1 if the DISTRICT and CONTRACTOR cannot otherwise agree on the amount involved. No claim for an adjustment in the Contract Price shall be valid if not submitted in accordance with this paragraph 11.1.2.

11.1.3 The value of any WORK covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:

11.1.3.1 Where the WORK involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the items involved (subject to the provisions of Section 11.5 (Unit Price Work) inclusive).

11.1.3.2 By mutual acceptance of a lump sum (which shall include an allowance for overhead and profit in accordance with paragraph 11.3.1.2.a Contractor's Fee).

11.1.3.3 On the basis of the Cost of the WORK (determined as provided in Section 11.2, inclusive) plus a



CONTRACTOR'S Fee for overhead and profit (determined as provided in Section 11.3, Contractor's Fee, inclusive).

11.2 COST OF THE WORK:

11.2.1 General. The term Cost of the WORK means the sum of all costs necessary incurred and paid by CONTRACTOR in the proper performance of the WORK. Except as otherwise may be agreed to in writing by the DISTRICT, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall include only the following items and shall not include any of the costs itemized in paragraph 11.2.2: (Exclusions to Cost of the Work).

11.2.1.1 Labor. Payroll costs for employees in the direct employ of CONTRACTOR in the performance of the WORK under schedules of job classification agreed upon by the DISTRICT and CONTRACTOR. Payroll costs for employees not employed full time on the WORK shall be apportioned on the basis of their time spent on the WORK. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' or workmen's compensation, health and retirement benefits, sick leave, vacation and holiday pay applicable thereto. Such employees shall include superintendents and foremen at the site. The expenses of performing WORK after regular working hours, on Saturday, Sunday or legal holidays shall be included in the above to the extent authorized by the DISTRICT.

11.2.1.2 Materials and Equipment. Cost of all materials and equipment furnished and incorporated in the WORK, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to CONTRACTOR unless the DISTRICT deposits funds with CONTRACTOR with which to make payments, in which case the cash discounts shall accrue to the DISTRICT. All trade discounts, rebates and refunds and all returns from sale of surplus materials and equipment shall accrue to the DISTRICT, and CONTRACTOR shall make provisions so that they may be obtained.

11.2.1.3 Subcontractor. Payments made by CONTRACTOR to the Subcontractors for WORK performed by Subcontractors. If required by the DISTRICT, CONTRACTOR shall obtain competitive bids from Subcontractors acceptable to CONTRACTOR and shall deliver such bids to the DISTRICT who shall then determine, with the advice of the EOR, which bids shall be accepted. If a subcontract provides that the Subcontractor is to be paid on the basis of Cost of the WORK Plus a Fee, the Subcontractor's Cost of the WORK shall be determined in the same manner as CONTRACTOR'S Cost of WORK. All subcontracts shall be subject to the other provisions of the Contract Documents insofar as applicable.

11.2.1.4 Costs of Special Consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys and accountants) employed for services specifically related to the WORK.

11.2.1.5 Supplemental costs include the following:

a. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and tools not owned by the workers, which are consumed in the performance of WORK, and cost less market value of such items used but not consumed which remain the property of CONTRACTOR.

b. Rentals of all construction equipment and machinery and the parts thereof whether rented from CONTRACTOR or others in accordance with rental agreements approved by the DISTRICT with the advice of EOR, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof--all in accordance with terms of said rental

agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the WORK. For special equipment and machinery such as power driven pumps, concrete mixers, trucks, front end loaders, backhoes, and tractors, or other equipment, required for the economical performance of the authorized WORK, the CONTRACTOR shall receive payment based on the weekly rate divided by 40 to arrive at an hourly cost. The weekly rate shall be from the latest edition of the Rental Rate blue book for Construction Equipment, published by Equipment Guide Book Co., reduced by 25 percent. Equipment cost shall be calculated based upon the actual time the equipment is used in the WORK. If said WORK required the use of machinery not on the WORK or not to be used on the WORK, the cost of transportation, not exceeding a distance of one hundred (100) miles, of such machinery to and from the WORK shall be added to the fair rental rate; provided, however, that this shall not apply to machinery or equipment already required to be furnished under the terms of the Contract.

c. Sales, consumer, use or similar taxes related to the WORK and for which CONTRACTOR is liable, imposed by laws and regulations.

d. Royalty payments and fees for permits and licenses.

e. The site costs of utilities, fuel and sanitary facilities.

f. Cost of premiums for additional bonds and insurance required because of changes in the WORK.

11.2.2 Exclusions to Cost of the Work: The term Cost of the WORK shall not include any of the following:

11.2.2.1 Payroll costs and other compensation of CONTRACTOR'S officers, executives, principals (of partnership and sole proprietorships), general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks and other personnel employed by CONTRACTOR whether at the site or in CONTRACTOR'S principal or a branch office for general administration of the WORK and not specifically included in the agreed upon schedule of job classifications referred to in paragraph 11.2.1.1 or specifically covered by paragraph 11.2.1.4 -- all of which are to be considered administrative costs covered by the CONTRACTOR'S Fee.

11.2.2.2 Expenses of CONTRACTOR'S principal and branch offices other than CONTRACTOR'S office at the site.

11.2.2.3 Any part of CONTRACTOR'S capital expenses, including interest on CONTRACTOR'S capital employed for the WORK and charges against CONTRACTOR for delinquent payments.

11.2.2.4 Cost of premiums for all Bonds and for all Insurance whether or not CONTRACTOR is required by the Contract Documents to purchase and maintain the same (except for the cost of premiums covered by subparagraph 11.2.1.5f above).

11.2.2.5 Costs due to the negligence or intentional acts of the CONTRACTOR, any Subcontractor, or anyone whose acts any of them may be liable, including but not limited to, the correction of *defective* WORK, disposal of materials or equipment wrongly supplied and making good any damage to property.

11.2.2.6 Costs associated with fringe benefits that are greater than actual costs; i.e., where worker hours exceed a typical 8-hour day and 40-hour workweek.

11.2.2.7 Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Section 11.2.



11.3 CONTRACTOR'S FEE:

11.3.1 The CONTRACTOR'S Fee for overhead and profits shall be determined as follows:

11.3.1.1 A mutually acceptable fixed fee; or if none can be agreed upon,

11.3.1.2 A fee based on the following percentages of the various portions of the Cost of the WORK:

a. For costs incurred under paragraphs 11.2.1.1 (Labor) and 11.2.1.2, (Materials and Equipment) the CONTRACTOR'S Fee shall be five (5%) percent;

b. For costs incurred under paragraph 11.2.1.3, (Subcontractors) the CONTRACTOR'S Fee shall be five percent; and if a subcontract is on the basis of Cost of the WORK Plus a Fee, the maximum allowable to CONTRACTOR on account of overhead and profit of all Subcontractors shall be five (5%) percent;

c. No fee shall be payable on the basis of costs itemized under paragraphs 11.2.1.4, (Cost of EORs) 11.2.1.5 (Supplemental Costs) and 11.2.2; (Exclusions)

d. The amount of credit to be allowed by CONTRACTOR to the DISTRICT for any such change which results in a net decrease in cost shall be the amount of the actual net decrease plus a deduction in CONTRACTOR'S Fee by an amount equal to ten percent of the net decrease; and

e. When both additions and credits are involved in any one change, the adjustment in CONTRACTOR'S Fee shall be computed on the basis of the net change in accordance with paragraphs 11.3.1.2a through 11.3.1.2d, inclusive.

11.3.2 Whenever the cost of any WORK is to be determined pursuant to paragraph 11.2.1 (General) or 11.2.2, (Exclusions), CONTRACTOR shall submit in form acceptable to EOR an itemized cost breakdown together with supporting data.

11.4 CASH ALLOWANCES:

11.4.1 It is understood that CONTRACTOR has included in the Contract Price all allowances so named in the Contract Documents and shall cause the WORK so covered to be done by such Subcontractors or Suppliers and for such sums within the limit of the allowances as may be acceptable to the DISTRICT, CONTRACTOR agrees that:

11.4.1.1 The allowances include the cost to CONTRACTOR (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the site, and all applicable taxes; and

11.4.1.2 CONTRACTOR'S costs for unloading and handling on the site, labor, installation costs, overhead, profit and other expenses contemplated for the allowances have been included in the Contract Price and not in the allowances. No demand for additional payment on account of any thereof shall be valid.

11.4.1.3 Prior to final payment, an appropriate Change order shall be issued as recommended by EOR to reflect actual amounts due CONTRACTOR on account of WORK covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.5 UNIT PRICE WORK:

11.5.1 Where the Contract Documents provide that all or part of the WORK is to be Unit Price WORK, initially the Contract Price shall be deemed to include for all Unit Price WORK an amount equal to the sum of the established unit prices for each separately identified item of Unit Price WORK times the estimated quantity of each item as indicated in the Contract. The estimated quantities

of items of Unit Price WORK are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price WORK performed by CONTRACTOR shall be made by EOR DISTRICT in accordance with Paragraph 9.8, Determinations for Unit Prices.

11.5.2 Each unit price shall be deemed to include an amount considered by CONTRACTOR to be adequate to cover CONTRACTOR'S overhead and profit for each separately identified item.

11.5.3 Where the quantity of any item of Unit Price WORK performed by CONTRACTOR differs materially and significantly from the estimated quantity of such item indicated in the Contract and there is no corresponding adjustment with respect to any other item of WORK and if CONTRACTOR believes that CONTRACTOR has incurred additional expense as a result thereof, CONTRACTOR may make a claim for an increase in the Contract Price in accordance with Article 11 Change of Contract Price, if the parties are unable to agree as to the amount of any such increase.

11.5.4 Where the quantity of any item of Unit Price WORK performed by CONTRACTOR differs materially and significantly from the estimated quantity of such item indicated in the Contract and there is no corresponding adjustment with respect to any other item of WORK and if DISTRICT believes that CONTRACTOR has incurred reduced expense as a result thereof, DISTRICT may make a claim for a decrease in the Contract Price in accordance with Article 11 Change of Contract Price if the parties are unable to agree as to the amount of any such decrease.

11.6 OMITTED WORK:

11.6.1 The DISTRICT may at any time, by written order, without Notice to the Sureties, require omission of such contract WORK as it may find necessary or desirable. An order for omission of WORK shall be valid only by an executable change order. All WORK so ordered must be omitted by the CONTRACTOR. The amount by which the contract price shall be reduced shall be determined as follows:

11.6.1.1 By such applicable unit prices, or rates for WORK of a similar nature or character as set forth in the contract; or,

11.6.1.2. By the appropriate lump sum price set forth in the Contract; or,

11.6.1.3. By the reasonable and fair estimated cost of such omitted WORK and profit percentage as determined by the CONTRACTOR and the EOR, and approved by the DISTRICT.

ARTICLE 12 – CHANGE OF CONTRACT TIME

12.1 GENERAL

12.1.1 The Contract Time may only be changed by a Change Order or Written Amendment. Any claim for an extension or shortening of the Contract time shall be based on written notice delivered by the party making the claim to the other party and to EOR promptly (but in no event later than ten days) after the occurrence of the event giving rise to the claim and stating the general nature of the claim. Notice of the extent of the claim with supporting data shall be delivered within ten (10) days after such occurrence (unless EOR allows an additional period of time to ascertain more accurate data in support of the claim) and shall be accompanied by the claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant has reason to believe it is entitled as a result of the occurrence of said event. Claims made beyond these time limits shall be null and void.



12.1.2 Requests for extension of time shall be fully documented and shall include copies of daily logs, letters, shipping orders, delivery tickets, and other supporting information. In case of a continuing cause of delay only one (1) claim is necessary. Normal working weeks are based on a five (5) day week. All claims for adjustment of the Contract Time shall be determined by the DISTRICT with input from the EOR. No claim for an adjustment in the Contract Time shall be valid if not submitted in accordance with the requirements of this paragraph 12.1.1.

12.1.3 All time limits stated in the Contract Documents are of the essence of the Contract.

12.1.4 Where CONTRACTOR is prevented from completing any part of the WORK within the Contract Times (or Milestones) that, in the sole judgment of the DISTRICT whose decision shall be binding upon CONTRACTOR are due to delay beyond the control of CONTRACTOR, the Contract Times (or Milestones) shall be extended in an amount equal to the time lost due to such delay if a claim is made therefore as provided in paragraph 12.1.1.

12.1.5 Delays beyond the control of CONTRACTOR shall include, but not be limited to, acts or neglect by DISTRICT, acts or neglect of utility owners or other contractors performing other work as contemplated by Article 7, (Related Work at Sight) fires, floods, epidemics, or acts of God.

12.1.6 The CONTRACTOR must mitigate any loss of time by performing but not be limited to just performing ancillary WORK as is applicable to the project.

12.1.7 Claims for delay due to inclement weather (i.e., beyond the 10 year mean average) shall be made by the 10th day of the month following the month of the delay.

12.1.8 Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of CONTRACTOR.

12.1.9 Where CONTRACTOR IS prevented from completing any part of the WORK within the Contract Times (or Milestones) due to delay beyond the control of both DISTRICT and CONTRACTOR, an extension of the Contract Times (or Milestones) in an amount equal to the time lost due to such delay shall be CONTRACTOR's sole and exclusive remedy for such delay. In no event shall DISTRICT be liable to CONTRACTOR, any Subcontractor, any Supplier, any other person or organization, or to any surety or employee or agent of any of them, for damages arising out of or resulting from (i) delays caused by or within the control of CONTRACTOR, or (ii) delays beyond the control of both parties including but not limited to fires, floods, epidemics, abnormal weather conditions, acts of God or acts of neglect by utility owners or other contractors performing other work as contemplated by Article 7, (Related work at Sight).

12.2 LIQUIDATED DAMAGES.

12.2.1 The DISTRICT and CONTRACTOR recognize and acknowledge that time is of the essence of this Contract and that the DISTRICT shall suffer financial loss if the WORK is not completed within the times specified in paragraph 2.3 of the Supplementary Conditions and the Notice To Proceed, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. Each of the parties acknowledges that it has attempted to quantify the damages which would be suffered by DISTRICT in the event of the failure of CONTRACTOR to perform in a timely manner, but neither one has been capable of ascertaining such damages with a certainty. DISTRICT and CONTRACTOR also recognize and acknowledge the delays, expense and difficulties involved in proving in a legal proceeding the actual loss suffered by the DISTRICT if the WORK is not completed on time. Accordingly, instead of requiring any such proof, the DISTRICT and CONTRACTOR agree that as liquidated

damages for delay (but not as a penalty) CONTRACTOR shall pay the DISTRICT:

Base Bid Liquidated Damages Per Day	(\$ Dollar Amt
\$1000 to \$20,000	100
20,001 to 75,000	500
75,001 to 150,000	200
150,000 to 350,000	750
350,001 to 750,000	800
750,001 to 1,000,000	1,000
1,000,001 to 2,000,000	1,200
2,000,001 to 3,000,000	1,500
3,000,001 to 4,000,000	1,600
4,000,001 to 5,000,000	1,700
5,000,001 to 6,000,000	1,800
6,000,001 to 7,000,000	1,900
7,000,001 to 8,000,000	2,000
8,000,001 to 9,000,000	2,100
9,000,001 to 10,000,000	2,200
10,000,001 to 11,000,000	2,300
11,000,001 to 12,000,000	2,400
12,000,001 and over	2,500

for each day that expires after the time specified in paragraph 2.3 of the Supplementary Conditions, and the NOTICE TO PROCEED for substantial completion until the WORK is substantially complete.

12.2.2 After Substantial Completion, if CONTRACTOR shall neglect, refuse or fail to complete the remaining WORK within the Contract Time or any proper extension thereof granted by the DISTRICT, CONTRACTOR shall pay DISTRICT

Base Bid Liquidated Damages Per Day

\$1000 to \$20,000	\$25.00
20,001 to 75,000	50.00
75,001 to 150,000	125.00
150,000 to 350,000	187.50
350,001 to 750,000	200.00
750,001 to 1,000,000	250.00
1,000,001 to 2,000,000	300.00
2,000,001 to 3,000,000	370.00
3,000,001 to 4,000,000	400.00
4,000,001 to 5,000,000	425.00
5,000,001 to 6,000,000	450.00
6,000,001 to 7,000,000	475.00
7,000,001 to 8,000,000	500.00
8,000,001 to 9,000,000	525.00
9,000,001 to 10,000,000	550.00
10,000,001 to 11,000,000	575.00
11,000,001 to 12,000,000	600.00
12,000,001 and over	625.00

for each day that expires after the time specified in paragraph 2.3 of the Supplementary Conditions and as stated in the NOTICE TO PROCEED.

12.2.3 This sum is not a penalty, being the liquidated damages the DISTRICT shall have sustained in event of such default by the Contractor. The DISTRICT reserves the right to additionally recover direct job site expenses incurred during the period of any delay. The Contractor shall be liable for liquidated damages even if the Contract is terminated by the DISTRICT for cause or if the Contractor abandons the Work. The liability of the Contractor and its surety or sureties for damages provided by this Article is joint and several.

12.3 REIMBURSEMENT OF CONSULTANT EXPENSES:

12.3.1 Should the completion of this Contract be delayed beyond the specified or adjusted time limit, CONTRACTOR shall



reimburse the DISTRICT for all expenses of consulting and inspection incurred by the DISTRICT during the period between said specified or adjusted time and the actual date of final completion. All such expenses for consulting and inspection incurred by the DISTRICT shall be charged to CONTRACTOR and be deducted from payments due CONTRACTOR as provided by this Contract. Said expenses shall be further defined as EOR charges associated with the construction contract administration, including resident project representative costs.

ARTICLE 13 – TESTS AND INSPECTIONS, CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.1 NOTICE OF DEFECTS:

13.1.1 Prompt notice of all defects for which DISTRICT or EOR have actual knowledge shall be given to CONTRACTOR. All *defective* WORK, whether or not in place, may be rejected, corrected or accepted as provided in Article 13, Test and Inspections: Correction, Removal or Acceptance of Defective Work.

13.1.2 Unremedied defects identified for correction during the guarantee period but remaining after its expiration shall be considered as part of the obligations of the guarantee. Defects in material, workmanship or equipment, which are remedied as a result of obligations of the guarantee, shall subject the remedied portion of the WORK to an extended guarantee period of one year after the defect has been remedied. The Surety shall be bound with and for the Contractor in the Contractor's faithful observance of the guarantee.

13.2 ACCESS TO WORK:

13.2.1 EOR'S and EOR'S representatives, other representatives of the DISTRICT, testing agencies and governmental agencies with jurisdictional interests shall have access to the WORK at reasonable times for their observation, inspecting and testing. CONTRACTOR shall provide proper and safe conditions for such access.

13.3 TESTS AND INSPECTIONS:

13.3.1 CONTRACTOR shall give EOR timely notice of readiness of the WORK for all required inspections, tests or approvals.

13.3.2 If Laws or Regulations of any public body having jurisdiction require any WORK (or part thereof) to specifically be inspected, tested or approved, CONTRACTOR shall assume full responsibility therefor, pay all costs in connection therewith and furnish EOR the required certificates of inspection, testing or approval. CONTRACTOR shall also be responsible for and shall pay all costs in connection with any inspection or testing required in connection with the DISTRICT'S or EOR'S acceptance of a Supplier of materials or equipment proposed to be incorporated in the WORK, or of materials or equipment submitted for approval prior to CONTRACTOR'S purchase thereof for incorporation in the WORK.

13.3.3 All inspections, tests or approvals other than those required by Laws or Regulations of any public body having jurisdiction shall be performed by organizations acceptable to the DISTRICT (or by EOR if so specified).

13.3.4 If any WORK (including the WORK of others) that is to be inspected, tested or approved is covered without written concurrence of EOR, it must, if requested by EOR, be uncovered for observation. Such uncovering shall be at CONTRACTOR'S expense unless CONTRACTOR has given EOR timely notice of CONTRACTOR'S intention to cover the same and EOR has not acted with reasonable promptness in response to such notice.

13.3.5 Neither observations by EOR nor inspections, tests or approvals by others shall relieve CONTRACTOR from

CONTRACTOR'S obligation's to perform the WORK in accordance with the Contract Documents.

13.3.6 General: For tests specified to be made by the Contractor, the testing personnel shall make the necessary inspections and tests and the reports thereof shall be in such form as will facilitate checking to determine compliance with the Contract Documents. Five (5) copies of the reports shall be submitted and authoritative certification thereof must be furnished to the Consultant as a prerequisite for the acceptance of any material or equipment.

13.3.6.1 If, in the making of any test of any material or equipment, it is ascertained by the EOR that the material or equipment does not comply with the Contract Documents, the Contractor will be notified thereof and he will be directed to refrain from delivering said material or equipment, or to remove it promptly from the site or from the work and replace it with acceptable material, without cost to the DISTRICT.

13.3.6.2 Tests of electrical and mechanical equipment and appliances shall be conducted in accordance with the recognized test codes.

13.3.7 Costs: All inspection and testing of materials furnished under this Contract will be provided by the Contractor, unless otherwise expressly specified.

13.3.7.1 Materials and equipment submitted by the Contractor as the equivalent to those specifically named in the Contract may be tested by the DISTRICT for compliance. The Contractor shall reimburse the DISTRICT for the expenditures incurred in making such tests of materials and equipment which are rejected for non-compliance.

13.3.8 Certificate of Manufacture: Contractor shall furnish Consultant authoritative evidence in the form of Certificate of Manufacture that the materials to be used in the work have been manufactured and tested in conformity with the Contract Documents.

13.3.8.1 These certificates shall be notarized and shall include copies of the results of physical tests and chemical analyses, where necessary, that have been made directly on the product or on similar products of the manufacturer.

13.3.9 Start up Tests: As soon as conditions permit, the Contractor shall furnish all labor, materials, and instruments and shall make start-up tests of equipment.

13.3.9.1 If the start-up tests disclose any equipment furnished under this Contract which does not comply with the requirements of the Contract Documents, the Contractor shall, prior to demonstration tests, make all changes, adjustments and replacements required. The furnishing Contractor shall assist in the start-up tests as applicable.

13.4 TESTING AND INSPECTIONS SPECIFIC

RESPONSIBILITIES

13.4.1 The independent firm will perform tests, inspections and other services specified in individual specification sections and as may be required by Owner.

13.4.1.1 Laboratory: Authorized to operate at Project location.

13.4.1.2 Laboratory Staff: Maintain full time specialist on staff to review services.

13.4.1.3 Testing Equipment: Calibrated at reasonable intervals with devices of accuracy traceable to National Bureau of Standards or accepted values of natural physical constants.



13.4.2 Testing, inspections and source quality control may occur on or off project site. Perform off-site testing as required by Architect/Engineer or Owner.

13.4.3 Reports will be submitted by independent firm to Architect/Engineer, Contractor, and authority having jurisdiction, in duplicate, indicating observations and results of tests and indicating compliance or non-compliance with Contract Documents. Submit final report indicating correction of Work previously reported as non-compliant.

13.4.4 Cooperate with independent firm; furnish samples of materials, design mix, equipment, tools, storage, safe access, and assistance by incidental labor as requested.

13.4.4.1 Notify Owner, Architect/Engineer and independent firm [24] hours prior to expected time for operations requiring services.

13.4.4.2 Make arrangements with independent firm and pay for additional samples and tests required for Contractor's use.

13.4.5 Testing and employment of testing agency or laboratory shall not relieve Contractor of obligation to perform Work in accordance with requirements of Contract Documents.

13.4.6 Re-testing or re-inspection required because of non-conformance to specified requirements shall be performed by same independent firm on instructions by Architect/Engineer. Payment for re-testing or re-inspection will be charged to Contractor by deducting testing charges from Contract Sum/Price.

13.4.7 Testing Agency Responsibilities:

13.4.7.1 Test samples of mixes submitted by Contractor.

13.4.7.2 Provide qualified personnel at site.

13.4.7.3 Cooperate with Owner, Architect/Engineer and Contractor in performance of services.

13.4.7.4 Perform specified sampling and testing of products in accordance with specified standards.

13.4.7.5 Ascertain compliance of materials and mixes with requirements of Contract Documents.

13.4.7.6 Promptly notify Owner, Architect/Engineer and Contractor of observed irregularities or non-conformance of Work or products.

13.4.7.7 Perform additional tests required by Architect/Engineer.

13.4.8 Testing Agency Reports

After each test, promptly submit five (5) copies of report to Architect/Engineer, Contractor, and authority having jurisdiction. When requested by Architect/Engineer, provide interpretation of test results. Include the following:

13.4.8.1 Date issued.

13.4.8.2 Project title and number.

13.4.8.3 Name of inspector.

13.4.8.4 Date and time of sampling or inspection.

13.4.8.5 Identification of product and specifications section.

13.4.8.6 Location in Project.

13.4.8.7 Type of inspection or test.

13.4.8.8 Date of test.

13.4.8.9 Results of tests.

13.4.8.10 Conformance with Contract Documents

13.4.9 Limits On Testing Authority:

13.4.9.1 Agency or laboratory may not release, revoke, alter, or enlarge on requirements of Contract Documents.

13.4.9.2 Agency or laboratory may not approve or accept any portion of the Work.

13.4.9.3 Agency or laboratory may not assume duties of Contractor.

13.4.9.4 Agency or laboratory has no authority to stop the Work.

13.5 MANUFACTURERS' FIELD SERVICES

13.5.1 When specified in individual specification sections, require material or product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, as applicable, and to initiate instructions when necessary.

13.5.2 Submit qualifications of observer to Architect/Engineer [30] days in advance of required observations.

13.5.3 Report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.

13.6. UNCOVERING WORK:

13.6.1. If any WORK is covered contrary to the request of EOR, it must, if requested by EOR, be uncovered for EOR'S observation and replaced, at CONTRACTOR'S expense.

13.6.2. If EOR considers it necessary or advisable that covered WORK be observed by EOR or inspected or tested by others, CONTRACTOR, at EOR'S request shall uncover, expose or otherwise make available for observation, inspection or testing as EOR may require, that portion of the WORK in question, furnishing all necessary labor, material and equipment. If it is found that such WORK is *defective*, CONTRACTOR shall bear all direct, indirect and consequential costs of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, (including but not limited to fees and charges of engineers, architects, attorneys and other professionals), and the DISTRICT shall be entitled to an appropriate decrease in the Contract Price, and, if the parties are unable to agree as to the amount thereof, may make a claim therefor as provided in Article 11. If, however, such WORK is not found to be *defective*, CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction; and if the parties are unable to agree as to the amount or extent thereof. CONTRACTOR may make a claim therefor as provided in Article 11 Change of Contract Price and Article 12, Change of Contract Time.

13.7 DISTRICT MAY STOP THE WORK:

13.7.1 If the WORK is *defective*, or CONTRACTOR fails to supply sufficient skilled workers or suitable materials or equipment, or fails to furnish or perform the WORK in such a way that the completed WORK shall conform to the Contract Documents, the DISTRICT may order CONTRACTOR to stop the WORK, or any portion thereof, until the cause for such order has been eliminated; however, this right of the DISTRICT to stop the WORK shall not give rise to any duty on the part of the DISTRICT to exercise this right for the benefit of CONTRACTOR or any other party.

13.8 CORRECTION OR REMOVAL OF DEFECTIVE WORK:

13.8.1 If required by EOR, CONTRACTOR shall promptly, as directed, either correct all *defective* WORK, whether or not



fabricated, installed or completed, or, if the WORK has been rejected by EOR, remove it from the site and replace it with non-*defective* WORK. CONTRACTOR shall bear all direct, indirect, and consequential costs of such correction or removal (including but not limited to fees and charges of engineers, architects, attorneys and other professionals) made necessary thereby.

13.8.2 If the Contractor refuses to comply, the DISTRICT has the right to do either (or more) of the following:

13.8.3 The DISTRICT has the right to correct any work so performed by the CONTRACTOR and deduct the expenses for doing so from the final payment due the CONTRACTOR, or

13.8.4 The DISTRICT shall hold back final payment due CONTRACTOR until such time as the work is completed to the satisfaction of the DISTRICT'S PROJECT MANAGER and in compliance with the DISTRICT'S specifications. The DISTRICT'S PROJECT MANAGER shall have the sole discretion to determine if the work is satisfactory and in compliance with specifications.

13.8.5 The remedies contained herein are not exclusive and the OWNER reserves the right to pursue any and all other remedies it deems applicable.

13.9 ONE-YEAR CORRECTION PERIOD:

13.9.1 If within one year after the date of Acceptance of WORK or such longer period of time as may be prescribed by Laws or Regulations or by the terms of any applicable special guarantee required by the Contract Documents or by any specific provision of the Contract Documents, any WORK is found to be *defective*, CONTRACTOR shall promptly, without cost to the DISTRICT and in accordance with the DISTRICT'S written instructions, either correct such *defective* WORK, or, if it has been rejected by the DISTRICT, remove it from the site and replace it with non-*defective* WORK.

13.9.2 If CONTRACTOR does not promptly comply with the terms of such instructions or in an emergency where delay would cause serious risk of loss or damage, the DISTRICT may have the *defective* WORK corrected or the rejected WORK removed and replaced, and all direct, indirect and consequential costs of such removal and replacement (including but not limited to fees and charges of engineers, architects, attorneys and other professionals) shall be paid by CONTRACTOR.

13.9.3 In special circumstances where a particular item of equipment is placed in continuous service before Final Acceptance of all the WORK, the correction period for that item may start to run from an earlier date if so provided in the Specifications or by Written Amendment.

13.9.4 Nothing herein shall be deemed a waiver of the statute of limitations as provided in Florida Law.

13.9.5 Where *defective* WORK (and damage to other WORK resulting therefrom) has been corrected, removed or replaced under this paragraph 13.7., the correction period hereunder with respect to such WORK shall be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.

13.10 ACCEPTANCE OF DEFFECTIVE WORK:

13.10.1 If, instead of requiring correction or removal and replacement of *defective* WORK, DISTRICT (and, prior to EOR's recommendation of final payment, also EOR) prefers to accept it, DISTRICT may do so. CONTRACTOR shall pay all claims, costs, losses and damages attributable to DISTRICT'S evaluation of and determination to accept such *defective* WORK (such costs to be approved by EOR as to reasonableness and to include but not be limited to fees and charges of engineers, architects, attorneys and other professionals).

13.10.2 If any such acceptance occurs prior to CONSULTANT'S recommendation of final payment, a Change Order shall be issued incorporating the necessary revisions in the Contract Documents with respect to the WORK; and the DISTRICT shall be entitled to an appropriate decrease in the Contract Price, and, if the parties are unable to agree as to the amount thereof, the DISTRICT may make a claim therefor as provided in Article 11, Change of Contract Price. If the acceptance occurs after such recommendation, CONTRACTOR shall pay an appropriate amount to the DISTRICT.

13.11 DISTRICT MAY CORRECT DEFECTIVE WORK:

13.11.1 If CONTRACTOR fails within thirty days (30) after written notice of EOR to proceed to correct and to correct *defective* WORK or to remove and replace rejected WORK as required by CONSULTANT in accordance with paragraph 13.7.1, or if CONTRACTOR fails to perform the WORK in accordance with the Contract Documents, or if CONTRACTOR fails to comply with any other provision of the Contract Documents, the DISTRICT may, after seven days written notice to CONTRACTOR, correct and remedy any such deficiency.

13.11.2 In exercising the rights and remedies under this paragraph the DISTRICT shall proceed expeditiously. To the extent necessary to complete corrective and remedial action, the DISTRICT may exclude CONTRACTOR from all or part of the site, take possession of all or part of the WORK, and suspend CONTRACTOR'S services related thereto, take possession of CONTRACTOR'S tools, appliances, construction equipment and machinery at the site and incorporate in the WORK all materials and equipment stored at the site or for which the DISTRICT has paid CONTRACTOR but which are stored elsewhere. CONTRACTOR shall allow the DISTRICT, the DISTRICT'S representative, agents and employees such access to the site as may be necessary to enable the DISTRICT to exercise the rights and remedies under this paragraph.

13.11.3. All direct, indirect and consequential costs of the DISTRICT in exercising such rights and remedies shall be charged against CONTRACTOR by DISTRICT and a Change Order shall be issued incorporating the necessary revisions in the Contract Documents with respect to the WORK; and the DISTRICT shall be entitled to an appropriate decrease in the Contract Price, and, if the parties are unable to agree as to the amount thereof, the DISTRICT may make a claim therefor as provided in Article 11, Change of Contract Price. Such direct, indirect and consequential costs shall include but not be limited to fees and charges of engineers, architects, attorneys and other professionals, all court costs and all costs of repair and/or replacement of WORK of others destroyed or damaged by correction, removal or replacement of CONTRACTOR'S *defective* WORK. Contractor shall also be responsible for restoring any other sites affected by such repairs or remedial work at no cost to DISTRICT. CONTRACTOR shall not be allowed an extension of the Contract Time because of any delay in performance of the WORK attributable to the exercise by the DISTRICT of the DISTRICT'S rights and remedies hereunder.

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

14.1 SCHEDULE OF VALUES

14.1.1 The schedule of values established as provided in paragraph 2.6., Finalizing Schedules, shall serve as the basis for progress payments and shall be incorporated into a form of Application for Payment acceptable to EOR.

14.2 UNIT PRICE BID SCHEDULE

14.2.1 Progress payments on account of Unit Price WORK shall be based on the number of units completed.



14.2.2 The quantities for payment under this Contract shall be determined by actual measurement of the completed items, in place, ready for service and accepted by the DISTRICT, in accordance with the applicable method of measurement therefore contained herein.

14.2.3 The Contractor shall receive and accept the compensation provided in the Bid and the Contract as full payment for furnishing all materials, labor, tools and equipment, for performing all operations necessary to complete the work under the Contract, and also in full payment for all loss or damages arising from the nature of the work, or from any discrepancy between the actual quantities of work and quantities herein estimated by the EOR, or from the action of the elements or from any unforeseen difficulties which may be encountered during the prosecution of the work until the final acceptance by the DISTRICT.

14.2.4 The prices stated in the Bid include all costs and expenses for taxes, labor, equipment, materials, commissions, transportation charges and expenses, patent fees and royalties, labor for handling materials during inspection, together with any and all other costs and expenses for performing and completing the work as shown on the Drawings and specified herein. The basis of payment for an item at the unit price shown in the bid shall be in accordance with the description of that item.

14.3 APPLICATION FOR PROGRESS PAYMENTS:

14.3.1 Unless otherwise prescribed by law, at the end of each month, the CONTRACTOR shall submit to the EOR for review, an Application for Progress Payment filled out and signed by the CONTRACTOR covering the WORK completed as of the date of the Application and accomplished by such supporting documentation as is required by the Contract Documents.

14.3.2 The Application for Progress Payment shall identify, as a subtotal, the amount of the CONTRACTOR'S Total Earnings to Date, plus the Value of Materials Stored which have not yet been incorporated in the WORK, less a deductive adjustment for materials stored which have been installed which were not previously incorporated in the WORK, but for which payment was allowed.

14.3.3 The Net Payment Due to the CONTRACTOR shall be the above- mentioned subtotal from which shall be deducted the amount of retainage specified in the Contract, and the total amount of all previous approved Applications for Progress Payment submitted by the CONTRACTOR. Retainage shall be calculated based upon the above-mentioned subtotal.

The above calculation in tabular form is as follows:

Total Earnings to Date	\$
Value of Materials Stored	\$
Less Value of Materials Stored for which payment was allowed and which have been installed	(\$)
Sub Total	\$
Less Retainage (based on sub total)	(\$)
Less total of all previous approved Applications for Progress Payment	(\$)
NET PAYMENT DUE	\$

14.3.4 The Value of Materials Stored shall be an amount equal to the specified percent of the value of same as set forth in the Contract or Schedule of Values. Said amount shall be based upon the value of all acceptable materials and equipment not incorporated in the WORK but delivered and suitably stored at the site or at another location agreed to in writing; provided, each such individual item has a value of more than \$5,000 and shall become a permanent part of the WORK and is planned for installation within the following thirty (30) days. The Application for Progress Payment shall also be accompanied by a Bill of Sale, paid invoice, or other documentation warranting that the

DISTRICT has received the materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the materials and equipment are covered by appropriate property insurance and other arrangements to protect the DISTRICT'S interest therein, all of which shall be satisfactory to the DISTRICT.

14.3.5 List each Change Order executed prior to date of submission, at the end of the continuation sheets. List by Change Order Number, and description, as for an original component item of work.

14.3.6 As provided for in the "Application for Payment" form, the Contractor shall certify, for each current pay request, that all previous progress payments received from the DISTRICT, under this Contract, have been applied by the Contractor to discharge in full all obligations of the Contractor in connection with Work covered by prior Applications for Payment, and all materials and equipment incorporated into the Work are free and clear of all liens, claims, security interest and encumbrances. Contractor shall attach to each Application for Payment like affidavits by all subcontractors

14.4 CONTRACTOR'S WARRANTY OF TITLE:

14.4.1 The CONTRACTOR warrants and guarantees that title to all Work and equipment covered by an Application for Payment, whether incorporated in the Project or not, shall have passed to the DISTRICT prior to the making of the Application for Payment, free and clear of all liens, claims, security interests and encumbrances (hereafter in these General Conditions referred to as "Liens"); and that no work or equipment covered by an Application for Payment shall have been acquired by the CONTRACTOR or by any other person performing the Work at the site or furnishing equipment for the Project, subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the CONTRACTOR or such other person.

14.5 REVIEW OF APPLICATIONS FOR PROGRESS PAYMENT:

14.5.1 EOR shall, within ten days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to the DISTRICT, or return the Application to CONTRACTOR indicating in writing EOR'S reasons for refusing to recommend payment. In the latter case, CONTRACTOR may make necessary corrections and resubmit the Application. Thirty days after receipt of the Application for Payment by the DISTRICT with EOR'S recommendation, the amount recommended shall (subject to the provisions of the last sentence of paragraph 14.5.4) become due and when due shall be paid by the DISTRICT to CONTRACTOR.

14.5.2 EORS recommendation of any payment requested in the application for payment shall not prohibit the DISTRICT from withholding payment or prohibit the DISTRICT from paying additionally sums regarding other matters or issues between the parties.

14.5.3 EOR'S recommendation of final payment shall constitute an additional representation by EOR to the DISTRICT that the conditions precedent to CONTRACTOR'S being entitled to final payment as set forth in paragraph 14.10, Final Payment and Acceptance, have been fulfilled.

14.5.4. EOR may refuse to recommend the whole or any part of any payment if, in EOR'S opinion, it would be incorrect to make such representations to the DISTRICT. The EOR may also refuse to recommend any such payment, or, because of subsequently discovered evidence or the results of subsequent inspections or tests, nullify any such payment previously recommended, to such extent as may be necessary in EOR'S opinion to protect the DISTRICT from loss, including but not limited to:



14.5.4.1 The WORK is *defective*, or completed WORK has been damaged requiring correction or replacement.

14.5.4.2 The Contract Price has been reduced by a Written Amendment or Change Order.

14.5.4.3 The DISTRICT has been required to correct *defective* WORK or complete WORK in accordance with paragraph 13.9, or

14.5.4.4 Of EOR'S actual knowledge of the occurrence of any of the events enumerated in paragraphs 15.2.1.1 through 15.2.1.9 inclusive (District May Terminate).

14.5.5 The DISTRICT may refuse to make payment of the full amount recommended by the EOR because claims have been made against the DISTRICT on account of CONTRACTOR'S performance or furnishing of the WORK, or there are other items entitling the DISTRICT to credit against the amount recommended, but the DISTRICT must give CONTRACTOR written notice (with a copy to EOR) stating the reasons for such action.

14.5.6 The Work for which payment is requested cannot be verified,

14.5.7 Claims or Liens have been filed or there is reasonable evidence indicating the probable filing thereof,

14.5.8 Of unsatisfactory prosecution of the Work, including failure to clean up as required

14.5.9 Of persistent failure to cooperate with other Contractors on the Project and persistent failure to carry out the Work in accordance with the Contract Documents,

14.5.10 Of liquidated damages payable by the CONTRACTOR, or

14.5.11 Of any other violation of, or failure to comply with, the provisions of the Contract Documents

14.6 SUBSTANTIAL COMPLETION:

14.6.1 When the CONTRACTOR considers the entire WORK ready for its intended use, the CONTRACTOR shall notify the DISTRICT and the EOR in writing that the WORK is substantially complete and request that the EOR prepare a Certificate of Substantial Completion

14.6.2 For construction projects having an estimated cost of less than \$10 million, the DISTRICT, the EOR and the CONTRACTOR shall make an inspection of the WORK within thirty (30) calendar days after the notice from the CONTRACTOR that the work is substantially complete to determine the status of completion.

14.6.3 For construction projects having an estimated cost of more than \$10 million, the DISTRICT, the EOR and the CONTRACTOR shall make an inspection of the WORK within thirty (30) calendar days unless otherwise extended by contract not to exceed sixty (60) calendar days after notice from the CONTRACTOR that the work is substantially complete to determine the status of completion. If the EOR does not consider the WORK substantially complete, the EOR shall notify the CONTRACTOR in writing giving the reasons therefore. If the EOR considers the WORK to be substantially complete, the EOR shall prepare and deliver to the DISTRICT for its execution and recordation the Certificate of Substantial Completion signed by the EOR and CONTRACTOR, which shall fix the Date of Substantial Completion.

14.6.4 The DISTRICT shall have the right to exclude CONTRACTOR from the WORK after the date of Substantial Completion, but the DISTRICT shall allow CONTRACTOR reasonable access to complete or correct items on the "punch list".

14.7 PARTIAL UTILIZATION:

14.7.1 The DISTRICT shall have the right to enter the premises for the purpose of doing work not covered by the Contract Documents. This provision shall not be construed as relieving the CONTRACTOR of the sole responsibility for the care and protection of the Work, or the restoration of any damaged Work except such as may be caused by agent or employees of the DISTRICT

14.7.2 Prior to Substantial Completion, the DISTRICT, with the approval of the EOR and with the concurrence of the CONTRACTOR, may use any completed or substantially completed portion of the Work. Such use shall not constitute an acceptance of such portions of the Work.

14.7.3 Use by the DISTRICT of any finished part of the WORK, which has specifically been identified in the Contract Documents, or which the DISTRICT, EOR and CONTRACTOR agree constitutes a separately functioning and useable part of the WORK that can be used by the DISTRICT without significant interference with CONTRACTOR'S performance of the remainder of the WORK, may be accomplished prior to Substantial Completion of all WORK subject to the following:

14.7.4 The DISTRICT at any time may request CONTRACTOR in writing to permit the DISTRICT to use any such part of the WORK which the DISTRICT believes to be ready for its intended use and substantially complete. If CONTRACTOR agrees, CONTRACTOR shall certify to the DISTRICT and EOR that said part of the WORK is substantially complete and request CONSULTANT to issue a certificate of Substantial Completion for that part of the WORK. CONTRACTOR at any time may notify the DISTRICT and EOR in writing that CONTRACTOR considers any such part of the WORK ready for its intended use and substantially complete and request EOR to issue a certificate of Substantial Completion for that part of the WORK. Within a reasonable time after either such request, the DISTRICT, CONTRACTOR and EOR shall make an inspection of that part of WORK to determine its status of completion. If CONSULTANT does not consider that part of the WORK to be substantially complete, EOR shall notify the DISTRICT and CONTRACTOR in writing giving the reasons therefore. If EOR considers that part of the WORK to be substantially complete, the provisions of paragraphs 14.6.1 and 14.6.2 shall apply with respect to certification of Substantial Completion of that part of the WORK and the division of responsibility in respect thereof and access thereto.

14.7.5 The DISTRICT may at any time request CONTRACTOR in writing to permit the DISTRICT to take over operation of any such part of the WORK although it is not substantially complete. A copy of such request shall be sent to EOR and within a reasonable time thereafter the DISTRICT, CONTRACTOR and EOR shall make an inspection of that part of the WORK to determine its status of completion and shall prepare a list of items remaining to be completed or corrected thereon before final payment. If CONTRACTOR does not object in writing to the DISTRICT and EOR that such part of the WORK is not ready for separate operation by the DISTRICT, EOR shall finalize the list of items to be completed or corrected and shall deliver such list to the DISTRICT and CONTRACTOR together with a written recommendation as to the division of responsibilities pending final judgment between the DISTRICT and CONTRACTOR with respect to security, operation, safety, maintenance, utilities, insurance, warranties and guarantees for that part of the WORK which shall become binding upon the DISTRICT and CONTRACTOR at the time when the DISTRICT takes over such operation (unless they shall have otherwise agreed in writing and so informed EOR). During such operation and prior to Substantial Completion of such part of the WORK, the DISTRICT shall allow CONTRACTOR reasonable access to complete or correct items on said list and to complete other related WORK.



14.8. FINAL INSPECTION:

14.8.1 Upon written notice from CONTRACTOR that the entire WORK or an agreed portion thereof is complete, EOR shall make a final inspection with the DISTRICT and CONTRACTOR and shall notify CONTRACTOR in writing of all particulars in which this inspection reveals that the WORK is incomplete, *defective*, or not in accordance with the Contract Documents. CONTRACTOR shall immediately take such measures as are necessary to remedy such deficiencies.

14.9 FINAL APPLICATION FOR PAYMENT:

14.9.1 After CONTRACTOR has completed in writing all such corrections to the satisfaction of EOR and delivered all maintenance and operating instructions, schedules, guarantees, Bonds, certificates of inspection, marked-up record documents (as provided in paragraph 14.6, Substantial Completion) and other documents--all as required by the Contract Documents, and after EOR has indicated in writing that the WORK is acceptable and has been completed in conformance with the drawings and specifications and any approved changes thereto, CONTRACTOR may make application for final payment following the procedure for progress payments. The final Application for Payment shall be accompanied by: (i) all documentation called for in the Contract Documents, including but not limited to the evidence of insurance required, (ii) consent of the surety, if any, to final payment, and (iii) complete and legally effective releases or waivers (satisfactory to DISTRICT) of all Liens arising out of or filed in connection with the WORK.

14.10 FINAL PAYMENT AND ACCEPTANCE:

14.10.1 Upon receipt of written notice from the Contractor that the WORK has been completed in conformity with the Drawings and Specifications and any approved changes thereto, and receipt of the Final Application for Payment, Final Receipt and Release of Lien and accompanying documentation, the DISTRICT'S EOR shall promptly examine the WORK and, making such tests as he may deem proper and using all of the care and judgment normally exercised in the examination of completed WORK by a properly qualified and experienced Professional EOR, shall satisfy himself that the CONTRACTOR'S statement appears to be correct and the CONTRACTOR'S other obligations under the Contract Documents have been fulfilled. He shall then inform the DISTRICT in writing that he has examined the WORK and that it appears, to the best of his knowledge and belief, to conform to the Contract Drawings, Specifications and any approved Change Orders, that the CONTRACTOR'S other obligations under the Contract Documents have been fulfilled, and that he therefore recommends acceptance of the WORK for ownership and Final Payment to the CONTRACTOR. However, it is agreed by the DISTRICT and the CONTRACTOR that such statement by the DISTRICT'S EOR does not in any way relieve the CONTRACTOR from his responsibility to deliver a fully completed job in a good and workmanlike condition, and does not render the EOR or the DISTRICT liable for any faulty WORK done or defective materials or equipment used by the CONTRACTOR.

14.10.2 The EOR shall then make a final estimate of the value of all WORK done and shall deduct all previous payments which have been made. The EOR shall report such estimate to the DISTRICT together with his recommendation as to the acceptance of the WORK or his findings as to any deficiencies therein. After receipt and acceptance by the DISTRICT of the properly executed Final Warranty of Title and after approval of the EOR'S estimate and recommendation to the DISTRICT, the DISTRICT shall make final payment to the CONTRACTOR of the Amount remaining after deducting all prior payments and all amounts to be kept or retained under the provisions of the Contract Documents, or as may be lawfully retained, including, but not limited to, Liquidated Damages, as applicable. Title passes and warranty begins at final acceptance.

14.10.3. All prior estimates are subject to correction in the final estimate. Thirty days after approval by the DISTRICT of the application for final payment, the amount recommended by EOR shall become due and shall be paid to Contractor.

14.11 WAIVER OF CLAIMS:

14.11.1 The making and acceptance of final payment shall constitute:

14.11.1.1 A waiver of all claims by DISTRICT against CONTRACTOR, except claims arising from unsettled Liens, from *defective* WORK appearing after final inspection pursuant to paragraph 14.8, Final Inspection, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from CONTRACTOR'S continuing obligations under the Contract Documents or the Public Construction Bond and Payment Bonds; and

14.11.1.2 a waiver of all claims by CONTRACTOR against DISTRICT other than those previously made in writing and still unsettled.

14.12 PUNCHLIST PROCEDURES:

For Contracts over \$10,000,000.00: Further to §218.735(7)(a)(ii) Florida Statutes, punchlist procedures to render the Work complete, satisfactory and acceptable are established as follows:

14.12.1 Within twenty (20) days of Substantial Completion of the construction services purchased as defined in the Contract, Contractor shall schedule a walkthrough with DISTRICT AND EOR ("Initial Walkthrough" a/k/a "IW"). The purpose of the IW is to develop a preliminary checklist ("Checklist") of items to be performed by the Contractor, based upon observations made jointly between the Contractor, EOR and DISTRICT during the IW. The IW is to occur within twenty (20) days of Substantial Completion of the Work as defined by the Contract, again predicated upon the Contractor's timely initiation of a request for the IW. At its option, DISTRICT may conduct the IW with its and EOR.

14.12.2 Contractor shall endeavor to address and complete as many items as possible noted on the Checklist either during the IW itself, or thereafter for a period of forty-five (45) days from the date of the IW.

14.12.3 No later than forty-five (45) days following the scheduled IW, Contractor shall again initiate and request a second walkthrough of the Project with DISTRICT. The purpose of this second walkthrough is to identify which items remain to be performed from the IW Checklist and to supplement that list as necessary (based, for example, upon work which may have been damaged as a result of the Contractor's performance of completion of items contained on the IW Checklist) and for the purpose of developing a joint Final Punchlist.

14.12.4 The intent of this section is for DISTRICT and the Contractor to cooperate to develop a Final Punchlist to be completed no later than forty-five (45) days from the date of reaching Substantial Completion of the construction services purchase as defined in the Contract.

14.12.5 In no event may the Contractor request payment of final retainage under §218.735(7)(d) Florida Statutes until the Contractor considers the Final Punch list to be 100% complete.

14.12.6 Contractor agrees to complete the Final Punchlist items within sixty (60) days of the date of its issuance by DISTRICT.

14.12.7 Contractor acknowledges and agrees that no item contained on the Final Punchlist shall be considered a warranty item until such time as (a) the Final Punchlist is 100% complete, and (b) DISTRICT has been able to operate or utilize the affected punchlist item for an additional period of fifteen (15) days.



14.12.8 Contractor acknowledges and agrees that DISTRICT may, at its option, during performance of the Work and prior to Substantial Completion, issue lists of identified non-conforming or corrective work for the Contractor to address. The intent of any such DISTRICT generated lists prior to Substantial Completion is to attempt to streamline the punchlist process upon achieving Substantial Completion, and to allow for the Contractor to address needed areas of corrective work as they may be observed by DISTRICT during performance of the Work.

14.12.9 Contractor acknowledges and agrees that in calculating 150% of the amount which may be withheld by DISTRICT as to any Final Punchlist item for which a good faith basis exists as to it being complete, as provided for by §218.735(7)(d) Florida Statutes, DISTRICT may include within such percentage calculation its total costs for completing such item of work, including its administrative costs as well as costs to address other services needed or areas of work which may be affected in order to achieve full completion of the Final Punchlist item. Such percentage shall in no event relate to the schedule of value associated with such Work activity, but rather total costs are based upon the value (i.e. cost) of completing such Work activity based upon market conditions at the time of Final Punchlist completion.

For Contracts between \$200,000.00 and \$10,000,000.00: Further to §218.735(7)(a)(ii) Florida Statutes, punchlist procedures to render the Work complete, satisfactory and acceptable are established as follows:

14.12.10 Within five (5) days of Substantial Completion of the construction services purchased as defined in the Contract, Contractor shall schedule a walkthrough with DISTRICT ("Initial Walkthrough" a/k/a "IW"). The purpose of the IW is to develop a preliminary checklist ("Checklist") of items to be performed by the Contractor, based upon observations made jointly between the Contractor and DISTRICT during the IW. The IW is to occur within ten (10) days of Substantial Completion of the Work as defined by the Contract, again predicated upon the Contractor's timely initiation of a request for the IW. At its option, DISTRICT may conduct the IW with its Field Inspector.

14.12.11 Contractor shall endeavor to address and complete as many items as possible noted on the Checklist either during the IW itself, or thereafter for a period of fifteen (15) days from the date of the IW.

14.12.12 No later than fifteen (15) days following the scheduled IW, Contractor shall again initiate and request a second walkthrough of the Project with DISTRICT. The purpose of this second walkthrough is to identify which items remain to be performed from the IW Checklist and to supplement that list as necessary (based, for example, upon work which may have been damaged as a result of the Contractor's performance of completion of items contained on the IW Checklist) and for the purpose of developing a joint Final Punchlist.

14.12.13 The intent of this section is for DISTRICT and the Contractor to cooperate to develop a Final Punchlist to be completed no later than thirty (30) days from the date of reaching Substantial Completion of the construction services purchase as defined in the Contract.

14.12.14 In no event may the Contractor request payment of final retainage under §218.735(7)(d) Florida Statutes until the Contractor considers the Final Punch list to be 100% complete.

14.12.15 Contractor agrees to complete the Final Punchlist items within forty-five (45) days of the date of its issuance by DISTRICT.

14.12.16 Contractor acknowledges and agrees that no item contained on the Final Punchlist shall be considered a warranty item until such time as (a) the Final Punchlist is 100% complete,

and (b) DISTRICT has been able to operate or utilize the affected punchlist item for an additional period of fifteen (15) days.

14.12.17 Contractor acknowledges and agrees that DISTRICT may, at its option, during performance of the Work and prior to Substantial Completion, issue lists of identified non-conforming or corrective work for the Contractor to address. The intent of any such DISTRICT generated lists prior to Substantial Completion is to attempt to streamline the punchlist process upon achieving Substantial Completion, and to allow for the Contractor to address needed areas of corrective work as they may be observed by DISTRICT during performance of the Work.

14.12.18 Contractor acknowledges and agrees that in calculating 150% of the amount which may be withheld by DISTRICT as to any Final Punchlist item for which a good faith basis exists as to it being complete, as provided for by §218.735(7)(d) Florida Statutes, DISTRICT may include within such percentage calculation its total costs for completing such item of work, including its administrative costs as well as costs to address other services needed or areas of work which may be affected in order to achieve full completion of the Final Punchlist item. Such percentage shall in no event relate to the schedule of value associated with such Work activity, but rather total costs are based upon the value (i.e. cost) of completing such Work activity based upon market conditions at the time of Final Punchlist completion.

14.13 REDUCTION OF RETAINAGE PROCEDURES:

14.13.1 Contractor may request a reduction of retainage as provided for by §218.735(7)(8) Florida Statutes. The term "Fifty Percent Completion" as contained in §218.735(7)(8)(b) Florida Statutes shall be defined as follows, in lieu of any other definition:

14.13.2 "Fifty Percent Completion" of the Work is defined as that point in time where 50% of the overall value of Work items incorporated and which shall remain in place subsequent to final completion of the Work have been completed, based upon the schedule of values contained in the Contract. As such, and by way of example, the value of Contractors mobilization, general conditions, supervision or like items which do not involve permanent incorporation of Work do not apply to the determination of "Fifty Percent Completion" of the Work for purposes of establishing entitlement to a reduction of retainage.

14.13.3 With regard to any contract for construction services, a local governmental entity may withhold from each progress payment made to the contractor an amount not exceeding 10 percent of the payment as retainage until 50-percent completion of such services.

14.13.4 After 50-percent completion of the construction services purchased pursuant to the contract, the local governmental entity must reduce to 5 percent the amount of retainage withheld from each subsequent progress payment made to the contractor. For purposes of this subsection, the term "50-percent completion" has the meaning set forth in the contract between the local governmental entity and the contractor or, if not defined in the contract, the point at which the local governmental entity has expended 50 percent of the total cost of the construction services purchased as identified in the contract together with all costs associated with existing change orders and other additions or modifications to the construction services provided for in the contract. However, notwithstanding this subsection, a municipality having a population of 25,000 or fewer, or a county having a population of 100,000 or fewer, may withhold retainage in an amount not exceeding 10 percent of each progress payment made to the contractor until final completion and acceptance of the project by the local governmental entity.

14.13.5 After 50-percent completion of the construction services purchased pursuant to the contract, the contractor may elect to withhold retainage from payments to its subcontractors at



a rate higher than 5 percent. The specific amount to be withheld must be determined on a case-by-case basis and must be based on the contractor's assessment of the subcontractor's past performance, the likelihood that such performance will continue, and the contractor's ability to rely on other safeguards. The contractor shall notify the subcontractor, in writing, of its determination to withhold more than 5 percent of the progress payment and the reasons for making that determination, and the contractor may not request the release of such retained funds from the local governmental entity.

14.13.6 After 50-percent completion of the construction services purchased pursuant to the contract, the contractor may present to the local governmental entity a payment request for up to one-half of the retainage held by the local governmental entity. The local governmental entity shall promptly make payment to the contractor, unless the local governmental entity has grounds, pursuant to paragraph (f), for withholding the payment of retainage. If the local governmental entity makes payment of retainage to the contractor under this paragraph which is attributable to the labor, services, or materials supplied by one or more subcontractors or suppliers, the contractor shall timely remit payment of such retainage to those subcontractors and suppliers.

14.13.7 This section does not prohibit a local governmental entity from withholding retainage at a rate less than 10 percent of each progress payment, from incrementally reducing the rate of retainage pursuant to a schedule provided for in the contract, or from releasing at any point all or a portion of any retainage withheld by the local governmental entity which is attributable to the labor, services, or materials supplied by the contractor or by one or more subcontractors or suppliers. If a local governmental entity makes any payment of retainage to the contractor which is attributable to the labor, services, or materials supplied by one or more subcontractors or suppliers, the contractor shall timely remit payment of such retainage to those subcontractors and suppliers.

14.13.8 This section does not require the local governmental entity to pay or release any amounts that are the subject of a good faith dispute, the subject of a claim brought pursuant to s. [255.05](#), or otherwise the subject of a claim or demand by the local governmental entity or contractor.

14.13.9 The time limitations set forth in this section for payment of payment requests apply to any payment request for retainage made pursuant to this section.

14.13.10 Paragraphs 14.13.3 through 14.13.6 do not apply to construction services purchased by a local governmental entity which are paid for, in whole or in part,

with federal funds and are subject to federal grantor laws and regulations or requirements that are contrary to any provision of the Local Government Prompt Payment Act.

14.13.11 This subsection does not apply to any construction services purchased by a local governmental entity if the total cost of the construction services purchased as identified in the contract is \$200,000 or less.

14.13.12 All payments due under this section and not made within the time periods specified by this section shall bear interest at the rate of 1 percent per month, or the rate specified by contract, whichever is greater.

ARTICLE 15 – SUSPENSION OF WORK AND TERMINATION

15.1 DISTRICT MAY SUSPEND/STOP WORK:

15.1.1 The DISTRICT may, at any time and without cause, suspend the WORK or any portion thereof for a period of not more than ninety days by notice in writing to CONTRACTOR and EOR which shall fix the date on which WORK shall be resumed. CONTRACTOR shall resume the WORK on the date so fixed.

CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if CONTRACTOR makes an approved claim therefore as provided in Articles 11 (Change of Contract Price) and 12, (Change of Contract Time).

15.1.2 THE DISTRICT MAY STOP WORK: The DISTRICT REPRESENTATIVE may stop the Work or any portion thereof when it has been determined that the Contractor is not complying with the Drawings or Specifications or the intent thereof. The Stop Work order may be verbal and the CONTRACTOR shall cease work immediately except for leaving the Work area in a safe and acceptable condition. A verbal Stop Work order shall be confirmed in writing. The CONTRACTOR shall not be allowed an increase in the contract price or an extension of the Contract time during the Stop Work period. A Start Work order may be verbal and shall be confirmed in writing.

15.2 DISTRICT MAY TERMINATE FOR CAUSE:

15.2.1 Upon the occurrence of any one or more of the following events:

15.2.1.1 If CONTRACTOR commences a voluntary case under any chapter of the Bankruptcy Code (Title 11, United States Code), as now or hereafter in effect, or if CONTRACTOR takes any equivalent or similar action by filing a petition or otherwise under any other federal or state law in effect at such timing relating to the bankruptcy or insolvency;

15.2.1.2 If a petition is filed against CONTRACTOR under any chapter of the Bankruptcy Code as now or hereafter in effect at the time of filing, or if a petition is filed seeking any such equivalent or similar relief against CONTRACTOR under any other federal or state law in effect at the time relating to bankruptcy or insolvency;

15.2.1.3 If CONTRACTOR makes a general assignment for the benefit of creditors;

15.2.1.4 If a trustee, receiver, custodian or agent of CONTRACTOR is appointed under applicable law or under contract, whose appointment or authority to take charge of property of CONTRACTOR is for the purpose of enforcing a Lien against such property or for the purpose of general administration of such property for the benefit of CONTRACTOR'S creditors;

15.2.1.5. If CONTRACTOR admits in writing an inability to pay its debts generally as they become due;

15.2.1.6 If CONTRACTOR fails to perform the WORK in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the progress schedule established under paragraph 2.6 as revised from time to time);

15.2.1.7 If CONTRACTOR disregards Laws or Regulations of any public body having jurisdiction;

15.2.1.8 If CONTRACTOR disregards the authority of EOR; or

15.2.1.9 If CONTRACTOR otherwise violates any provisions of the Contract Documents;

15.2.1.10 In the event of termination, the DISTRICT may take possession of the premises and all materials, tools, and appliances, thereon and finish the Work by whatever method it may deem expedient. In such cases, the Contractor shall only be entitled to receive payment for Work satisfactorily completed prior to the termination date, subject to any setoffs due the DISTRICT in completing the Project and for reimbursement of damages incurred. The DISTRICT may take possession of and use any materials, plant, tools, equipment, and property of any kind furnished by Contractor to complete the Work. In such case



CONTRACTOR shall not be entitled to receive any further payment until the WORK is finished. If the expense incurred by the DISTRICT to finish the Work (including additional managerial and administrative services, plus the DISTRICT'S direct, indirect and consequential losses), exceeds the unpaid balance on this Contract, the Contractor or the Surety shall pay the difference to the DISTRICT promptly on demand. The expense incurred by the DISTRICT as herein provided, and the damage incurred through the Contractor's default, shall be certified by the Project Manager. The Contractor shall be responsible for both liquidated damages attributable to delay and for excess completion costs. The liability of the Contractor and its surety or sureties for such damages and costs is joint and several. The obligations of the Contractor and his surety with respect to the warranty and maintenance shall remain in full force and effect for the portion of the Work completed by the Contractor and shall not expire until the expiration of the prescribed time period measured from the final acceptance of the project in its entirety. These clauses shall survive the termination of this Contract. If the DISTRICT makes a determination pursuant to this Contract to hold the Contractor in default and terminate the Contract for cause and it is subsequently determined that any such determination was improper, unwarranted, or wrongful, then any such termination shall be deemed for all purposes as a termination without cause as described below. The Contractor agrees that it shall be entitled to no damages, allowances or expenses of any kind other than as provided in this Agreement in connection with such termination, and does expressly waive, in the event of termination, any and all claims for consequential damages, loss of bonding capability, destruction of business, unabsorbed home office overhead, lost profit and the like.

15.2.2 Where CONTRACTOR'S services have been so terminated by the DISTRICT, the termination shall not affect any rights or remedies of the DISTRICT against CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys due CONTRACTOR by the DISTRICT shall not release CONTRACTOR from liability.

15.3 DISTRICT MAY TERMINATE WITHOUT CAUSE:

15.3.1 The DISTRICT may terminate this Contract without cause by giving seven (7) days prior written notice to the Contractor, and in such event, the DISTRICT shall pay the CONTRACTOR for that portion of the Contract Sum, less the aggregate of previous payments, allocable to the WORK completed as of the Date of Termination, plus reasonable termination expenses. The DISTRICT also shall reimburse the CONTRACTOR for all costs necessarily incurred for organizing and carrying out the stoppage of the WORK and paid directly by the CONTRACTOR, not including overhead, general expenses or profit. The DISTRICT shall not be responsible to reimburse the CONTRACTOR for any continuing contractual commitments to subcontractors or material men or for penalties or damages for canceling such contractual commitments, (with the exception that the DISTRICT shall reimburse the CONTRACTOR for major materials or equipment purchased before termination if the CONTRACTOR can show proof of said purchases prior to notice of termination) inasmuch as the CONTRACTOR shall make all subcontracts and other commitments subject to this provision. In the event of termination by the DISTRICT, the DISTRICT may require the CONTRACTOR promptly to assign to it all or some subcontracts, construction, plant, materials, tools, equipment, appliances, rental agreements, and other commitments which the DISTRICT, in its sole discretion, chooses to take by assignment, and in such event the CONTRACTOR shall promptly execute and deliver to the DISTRICT written assignments of the same.

15.4 REMOVAL OF EQUIPMENT DUE TO TERMINATION:

15.4.1 Removal of Equipment: In the case of termination of this Contract before completion, for any cause whatever, the CONTRACTOR, if notified to do so by the DISTRICT'S PROJECT

MANAGER, shall promptly remove any part or all of this equipment and supplies from the property of the DISTRICT. Should the CONTRACTOR not remove such equipment and supplies, the DISTRICT shall have the right to remove them at the expense of the CONTRACTOR. Equipment and supplies shall not be construed to include such items for which the CONTRACTOR has been paid in whole or in part.

15.5 CONTRACTOR MAY STOP WORK OR TERMINATE:

15.5.1 If, through no act or fault of CONTRACTOR, the WORK is suspended for a period of more than ninety (90) days by the DISTRICT or under an order of court or other public authority, or EOR fails to act on any Application for Payment within thirty (30) days after it is submitted, or the DISTRICT fails for sixty (60) days to pay CONTRACTOR any sum finally determined to be due, then CONTRACTOR may, upon seven (7) days written notice to the DISTRICT and EOR, terminate the Contract and the DISTRICT shall pay the CONTRACTOR for that portion of the Contract Sum, less the aggregate of previous payments, allocable to the WORK completed as of the Date of Termination plus reasonable termination expenses. The DISTRICT shall not be responsible to reimburse the CONTRACTOR for any continuing contractual commitments for canceling such contractual commitments inasmuch as the CONTRACTOR shall make all subcontracts and other commitments subject to this provision. The DISTRICT may require the CONTRACTOR promptly to assign to it all or some subcontracts, construction, plant, materials, tools, equipment, appliances, rental agreements, and any other commitments which the DISTRICT, in its sole discretion, chooses to take by assignment, and in such event the CONTRACTOR shall promptly execute and deliver to the DISTRICT written assignments of the same. In addition and in lieu of terminating the Contract, if EOR has failed to act on an Application for Payment or the DISTRICT has failed to make any payment as aforesaid, CONTRACTOR may upon seven days written notice to the DISTRICT and EOR stop the WORK until payment of all amounts then due. The provisions of this paragraph shall not relieve CONTRACTOR of the obligations under paragraph 6.24, Continuing the Work, to carry on the WORK in accordance with the progress schedule and without delay during disputes and disagreements with the DISTRICT.

ARTICLE 16 – DISPUTE RESOLUTION

16.1 GOOD FAITH EFFORT:

16.1.1 Any disputes relating to interpretation of the terms of this Contract or a question of fact or arising under this Contract shall be resolved through good faith efforts upon the part of the CONTRACTOR and the DISTRICT or its Project Manager. At all times, the CONTRACTOR shall carry on the work and maintain its progress schedule in accordance with the requirements of the Contract and the determination of the DISTRICT or its representatives, pending a final resolution of the dispute, including, if necessary, any determination by a Court of competent jurisdiction. Any dispute which is not resolved by mutual agreement of CONTRACTOR and DISTRICT Project Manager shall be decided by the DISTRICT Superintendent or designee who shall reduce the decision to writing. The decision of the DISTRICT shall be final and conclusive unless determined by a court of competent jurisdiction to be fraudulent, capricious, arbitrary, so grossly erroneous as to necessarily imply bad faith, or not be supported by substantial evidence.

16.2 MEDIATION:

16.2.1 Prior to initiating any litigation concerning this Contract, the DISTRICT reserves the right to submit the disputed issue or issues to a mediator for non-binding mediation. The parties shall agree on a mediator chosen from a list of certified mediators available from the Clerk of Court for Martin County. The fee of the mediator shall be shared equally by the parties. To the extent allowed by law, the mediation process shall be confidential



and the results of the mediation or any testimony or argument introduced at the mediation shall not be admissible as evidence in any subsequent proceeding concerning the disputed issue.

ARTICLE 17 – MISCELLANEOUS

17.1 GIVING NOTICE:

17.1.1 All notices, requests, consents, and other communications required or permitted under this Contract shall be in writing and shall be (as elected by the person giving such notice) hand delivered by messenger or courier service, telecommunicated, electronically communicated, or mailed by registered or certified mail (postage prepaid) return receipt requested, addressed to:

<u>As To DISTRICT:</u>	<u>With A Copy To:</u>	<u>CONTRACTOR:</u>
Director of Facilities Martin County School District 1050 East 10 th St. Stuart, Fl., 34996	Director of Purchasing Martin County School District 2845 S.E. Dixie Hwy, Bldg 7 Stuart, Fl., 34997	Individual or to a member of the firm or to an officer of the corporation for whom it is intended

17.2 COMPUTATION OF TIME:

17.2.1 When any period of time is referred to in the Contract Documents by days, it shall be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation.

17.3 NOTICE OF CLAIM:

17.3.1 Should DISTRICT or CONTRACTOR suffer injury or damage to person or property because of any error, omission or act of the other party or of any of the other party's employees or agents or others for whose acts the other party is legally liable, claim shall be made in writing to the other party within a reasonable time of the first observance of such injury or damage. The provisions of this paragraph 17.3 shall not be construed as a substitute for or a waiver of the provisions of any applicable statute of limitations or repose.

17.4 CUMULATIVE REMEDIES:

17.4.1 The duties and obligations imposed by these General Terms & Conditions and the rights and remedies available hereunder to the parties hereto, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon CONTRACTOR by Sections 6, Contractor's Responsibilities, Section 13, Test and Inspections, Correction, Removal or Acceptance of Defective Work, Section 14, Payments to Contractor and Completion, and Section 15, Suspension of work and Termination and all of the rights and remedies available to the DISTRICT and EOR thereunder, are in addition to , and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee or by other provisions of the Contract Documents, and the provisions of this paragraph shall be as effective as if repeated specifically in the Contract Documents in connection with each particular duty obligation, right and remedy to which they apply. All representations warranties and guarantees made in the Contract Documents shall survive final payment and termination or completion of the Contract.

17.5 ACCIDENT AND PREVENTION:

17.5.1 The safety provisions of applicable laws and building and construction codes shall be observed and the Contractor shall take or cause to be taken such additional safety and health measures as the Local Public Agency involved may determine to be reasonably necessary. Machinery, equipment and all hazards shall be guarded in accordance with the safety provisions of the "Manual of Accident Prevention in Construction" as published by the Associated General Contractors of America, Inc. to the extent that such provisions are not in conflict with applicable laws. The Contractor shall maintain an accurate record of all cases of death, occupational disease, or injury requiring medical attention or causing loss of time from WORK, arising out of and in the course of employment on WORK under the Contract. The Contractor shall promptly furnish the Local Public Agency with reports concerning these matters.

17.6 FLORIDA PRODUCTS AND LABOR:

17.6.1 The CONTRACTOR'S attention is called to Section 255.04, Florida Statutes, which requires that on public building contracts, Florida products and labor shall be used wherever price and quality are equal.

17.6.2 255.099 Preference to State Residents.—

(1) Each contract for construction that **is funded by state funds** must contain a provision requiring the contractor to give preference to the employment of state residents in the performance of the work on the project if state residents have substantially equal qualifications to those of nonresidents. A contract for construction funded by local funds may contain such a provision.

(a) As used in this section, the term "substantially equal qualifications" means the qualifications of two or more persons among whom the employer cannot make a reasonable determination that the qualifications held by one person are better suited for the position than the qualifications held by the other person or persons.

(b) A contractor required to employ state residents must contact the Department of Economic Opportunity to post the contractor's employment needs in the state's job bank system.

(2) No contract shall be let to any person refusing to execute an agreement containing the provisions required by this section. However, in work involving the expenditure of federal aid funds, this section may not be enforced in such a manner as to conflict with or be contrary to federal law prescribing a labor preference to honorably discharged soldiers, sailors, or marines, or prohibiting as unlawful any other preference or discrimination among the citizens of the United States.

17.6.3 255.0991 Contracts For Construction Services; Prohibited Local Government Preferences.—

(1) For purposes of this section, the term:

(a) "Competitive solicitation" has the same meaning as in s. 255.248.

(b) "State-appropriated funds" means all funds appropriated in the General Appropriations Act, excluding federal funds.

(2) For a competitive solicitation for construction services in which 50 percent or more of the cost will be paid from state-appropriated funds which have been appropriated at the time of the competitive solicitation, a state college, county, municipality, school district, or other political subdivision of the state **may not use a local ordinance** or regulation that provides a preference based upon:

(a) The contractor's maintaining an office or place of business within a particular local jurisdiction;



(b) The contractor's hiring employees or subcontractors from within a particular local jurisdiction; or

(c) The contractor's prior payment of local taxes, assessments, or duties within a particular local jurisdiction.

(3) For any competitive solicitation that meets the criteria in subsection (2), a state college, county, municipality, school district, or other political subdivision of the state shall disclose in the solicitation document that any applicable local ordinance or regulation does not include any preference that is prohibited by subsection (2).

(4) Except as provided in subsection (2), this section does not prevent a state college, county, municipality, school district, or other political subdivision of the state from awarding a contract to a contractor in accordance with applicable state laws or local ordinances or regulations.

17.6.4 255.20 Specification of State-Produced Lumber.

(3)(a) All county officials, boards of county commissioners, school boards, city councils, city commissioners, and all other public officers of state boards or commissions that are charged with the letting of contracts for public work, for the construction of public bridges, buildings, and other structures must specify in the contract lumber, timber, and other forest products produced and manufactured in this state, if wood is a component of the public work, and if such products are available and their price, fitness, and quality are equal.

(b) This subsection does not apply:

1. To plywood specified for monolithic concrete forms.
2. If the structural or service requirements for timber for a particular job cannot be supplied by native species.
3. If the construction is financed in whole or in part from federal funds with the requirement that there be no restrictions as to species or place of manufacture.

17.7 EMPLOYEES:

17.7.1 All labor described in these specifications or indicated on the Drawings and the WORK specified or indicated shall be executed in a thoroughly substantial and workmanlike manner by mechanics skilled in the applicable trades.

17.7.2 Any person employed on the WORK who fails, refuses or neglects to obey the instructions of the CONTRACTOR in anything relating to this WORK or who appears to the DISTRICT to be disorderly, intoxicated, insubordinate, or incompetent, shall upon the order of the DISTRICT, be at once discharged and not again employed in any part of the WORK. Any interference with, or abuse or threatening conduct toward the DISTRICT, EOR or their inspectors by the CONTRACTOR or his employees or agents, shall be authority for the DISTRICT to annul the Contract and re-let the WORK. No intoxicating substance shall be allowed on the WORK site.

17.8 NON-DISCRIMINATION:

17.8.1 The CONTRACTOR shall not discriminate against employees or applicants for employment because of race, creed, color, religion, sex, age, handicapped status, disabilities, or national origin. The CONTRACTOR shall endeavor to ensure that applicants are employed and that employees are treated during employment, without regard to their race, creed, color, religion, sex, age, handicapped status, or national origin. Such action shall include but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices

setting forth the provisions of this nondiscrimination clause. These provisions apply to all subcontractors and it is the responsibility of the subcontractor compliance.

17.9 DRUG-FREE WORKPLACE:

17.9.1 The DISTRICT requires all prospective contractors to maintain a drug free work place and have their Drug Free Workplace policy posted in their offices and available for inspection by the DISTRICT.

17.10 PUBLIC ENTITY CRIMES:

17.10.1 Pursuant to F.S. 287.133, as amended: a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a Contract to provide any goods or services to a public entity, may not submit a Bid on a Contract with a public entity for the construction or repair of a public building or public work, may not submit Bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, supplier, subcontractor, or EOR under a Contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in F.S. 287.017 for CATEGORY TWO or higher for a period of 36 months from the date of being placed on the convicted vendor list.

The DISTRICT shall not intentionally award publicly-funded contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in U.S.C. Section 1324a(e) [Section 274A9e) of the Immigration and Nationality Act (AINA@)]. The DISTRICT shall consider the employment by any contractor of unauthorized aliens a violation of Section 274A(e) of the INA. Such a violation by the Recipient of the employment provisions contained in Section 274A(e) of the INA shall be grounds for unilateral cancellation of this Agreement by the DISTRICT.

17.11 ASSIGNMENT:

17.11.1 This Contract, nor any monies due hereunder, or any part thereof, shall not be assigned, or transferred, by CONTRACTOR, nor shall the DISTRICT be liable to any assignee or transferee, without the written consent of the DISTRICT, to the assignment, or transfer. The DISTRICT shall not release or discharge CONTRACTOR from any obligation hereunder. The DISTRICT shall not approve an assignment or transfer unless the Surety on the Contract Performance and Payment Bonds has informed the DISTRICT in writing that it consents to the assignment or transfer.

17.12 VENUE:

17.12.1 This Contract shall be interpreted as a whole unit and section headings are for convenience only. All interpretations shall be governed by the laws of the State of Florida. In the event it is necessary for either party to initiate legal action regarding this Contract, venue shall be exclusively in the Nineteenth Judicial Circuit for Martin County, Florida, for claims under state law and the Southern District of Florida for any claims which are justiciable in Federal court.

17.13 FUNDING OUT:

17.13.1 Florida School Laws prohibit the Board or its designee from creating obligations on anticipation of budgeted revenues from one fiscal year to another without year-to-year extension provisions in the contracts. It is necessary that fiscal funding out provisions be included in all bids in which the terms are for periods of longer than one year. Therefore, the following funding out provisions are an integral part of this Invitation to Bid and must be agreed to by all CONTRACTORS:

17.13.2 The Board or its designee may, during the contract period, terminate or discontinue the items covered in this bid for lack of appropriated funds upon the same terms and conditions.



17.13.3 Such prior written notice shall state that the lack of appropriated funds is the reason for termination, and

17.13.4 Board agrees not to replace the equipment or services being terminated with equipment and services with functions similar to those performed by the equipment covered in this bid from another awarded CONTRACTOR in the succeeding funding period.

17.14 DISTRICT PURCHASING CARD:

17.14.1 The School District has authorized the use of a Purchasing Card to expedite small dollar purchases for materials, supplies, and other items needed for daily operations. CONTRACTOR may be presented these credit cards by authorized School District personnel for the above mentioned purchases.

17.14.2 Additionally, The District reserves the right to use the Purchasing Card as an optional method to pay invoices for the project WORK submitted by the CONTRACTOR.

17.15 DEBARMENT:

17.15.1 The Board shall have the authority to debar a person / corporation for cause for consideration or award of future contracts. The debarment shall be for a period commensurate with the seriousness of the causes, generally not to exceed three (3) years. When the offense is shallful or blatant, a longer term of debarment may be imposed, up to an indefinite period.

17.16 REQUIREMENTS FOR PERSONNEL ENTERING DISTRICT PROPERTY:

17.16.1 Possession of firearms shall not be tolerated in or near school buildings. Nor shall violations of Federal or State Laws and any applicable District policy regarding Drug Free Workplace be tolerated. Violators shall be subject to immediate termination.

17.16.2 "Firearm" means any weapon (including a starter gun or antique firearm) which shall, is designed to, or may readily be converted to expel a projectile by the action of an explosive; the frame or receiver of any such weapon; any destructive device; or any machine gun.

17.16.3 No person who has a firearm in their vehicle may park their vehicle on District property. Furthermore, no person may possess or bring a firearm on District property.

17.16.4 If any employee of an independent awarded CONTRACTOR or subcontractor is found to have brought a firearm on District property, said employee must be terminated from the Board project by the independent awarded CONTRACTOR or subcontractor. If the subcontractor fails to terminate said employee, the subcontractor's agreement with the independent awarded CONTRACTOR for the District project shall be terminated. If the independent awarded CONTRACTOR fails' to terminate said employee or fails to terminate the agreement with the subcontractor, who fails to terminate said employee, the independent awarded CONTRACTOR's agreement with the District shall be terminated.

17.16.5 CONTRACTORs are advised that they are responsible to ensure that no employee, agent or representative of their company who has been convicted or who is currently under investigation for a crime against children in accordance with section 435.04, Florida Statutes shall enter any school site.

17.17 BACKGROUND INVESTIGATION:

17.17.1 As a part of the Bid evaluation process, the District may conduct a background investigation including a criminal record check of CONTRACTOR's officers and/or employees, by the Sheriff's Office. The CONTRACTOR's submission of a bid constitutes acknowledgement of and consent to such

investigation. The District shall be the sole judge in determining the CONTRACTOR's qualifications.

17.18 PRODUCT RECALL:

17.18.1 In the event the awarded CONTRACTOR receives notice that a product delivered by the awarded CONTRACTOR to the District has been recalled, seized or embargoed, and/or has been determined to be misbranded, adulterated, or found to be unfit for human consumption by a packer, processor, subcontractor, retailer, manufacturer, or by any State or Federal regulatory agency, the awarded CONTRACTOR shall notify the District's Purchasing Department within two business days of receiving such notice. The District's acceptance or failure to reject the affected product as non-conforming shall not in any way impact, negate, or diminish the awarded CONTRACTOR's duty to notify the District's Purchasing Department that the affected product has been recalled, seized or embargoed, and/or has been determined to be misbranded, adulterated, or found to be unfit for human consumption. The form and content of such notice to the District shall include the name and description of the affected product; the approximate date the affected product was delivered to the District; the bid number; and relevant information relating to the proper handling of the affected product and/or proper disposition of the affected product by the District, if necessary to protect the health, welfare, and safety of District students or employees; and any health hazards known to the awarded CONTRACTOR which may be caused or created by the affected product.

17.18.2 The awarded CONTRACTOR shall, at the option of the Purchasing Department, either reimburse the purchase price or provide an equivalent replacement product at no additional cost to the District. Unless it was absolutely necessary for the District to dispose of the affected product, the awarded CONTRACTOR shall be responsible for removal and/or replacement of the affected product within the time specified by the District, without causing significant inconvenience to the District.

17.18.3 At the option of the District, the awarded CONTRACTOR may be required to reimburse storage, disposal and/or handling fees to be calculated from time of delivery and acceptance to actual removal or disposal. The awarded CONTRACTOR shall bear all costs associated with the removal and proper disposal of the affected product. The failure to reimburse the purchase price and storage and/or handling fees or to remove and/or replace the affected product with an equivalent replacement within the time specified by the District, without causing significant inconvenience to the District shall be considered a default.



SECTION V SCOPE OF WORK

The Martin County School District (hereinafter referred to as "MCSD") is soliciting a Licensed Contractor to submit bids for the removal of decorative stucco/foam banding on the exterior elevations of the Cafeteria and Music Buildings and repair work at the top of the brick wall. There are areas of the existing banding that have failed on these two buildings. The scope includes the replacement of the coping cap along the identified area on the Cafeteria Building where the banding exists. Additional scope involves the replacement of the existing galvanized gutters and downspouts on the Cafeteria and Music Buildings, to be replaced with stainless steel material. Refer to the Construction Documents, and as described herein.

5.1 INTENT AND INFORMATION

- A. It is the intent of the bid and construction documents to have a finished project at completion of construction. Thus, the Bidder shall include all costs associated with the construction documents to ensure a full and complete bid for the construction and associated site work. If a specific bid quantity is not listed in the construction and bid documents, it is the contractor's responsibility to include such items in like or in associated bid items.
- B. All work shall be performed in a professional manner and shall conform to all applicable District, County, State and Federal Regulations and/or Codes. The Bidder/Contractor shall also be responsible for obtaining all permits and licenses required to begin work.
- C. **Inspection of Facilities:** It is the bidder's responsibility to become fully informed as to the nature and extent of the work required and its relation to any other work in the area, including possible interference from other site activities. Thereby, Contractor is responsible for confirming actual site conditions prior to starting construction, and assures that the construction project produced will be completed as specified. **Any oral explanation provided prior to the bid opening will not be binding.**
- D. **Measurements:** Awarded bidder will be responsible for their own measurements and must submit a firm price accordingly. There will be no adjustments, for increase or decrease of measurements required for this job. Therefore, the "Total Offer" must be based on accurate measurements by bidders during inspection. Failure to do so will be at the bidder's risk.
- E. **Inspection and Direction:** The work will be conducted under the general direction of the Facilities Department, and is subject to inspection by an appointed inspector to insure compliance with the terms of the bid. No inspector is authorized to change any provision of the specifications without written authorization from the Project Manager, nor shall the presence or absence of an inspector relieve the Contractor from any requirements of the bid. Appointments for the final inspection shall be made three (3) days in advance.
- F. **Schedule of Values:** All work for this project, including but not limited to, all profit and overhead, incidentals, all labor, mobilization/demobilization, supervision, testing, machinery, equipment, tools, materials, coordination with utility companies, cleanup and other means of construction necessary to complete the described work in accordance with drawings, specifications, and other contract documents.
- G. **Warranty:** The successful bidder shall warranty all workmanship/labor for a period of 12 months from date of completion and final acceptance by the Facilities Department designee. Should any defect in workmanship, excepting ordinary wear and tear, appear during the above stated warranty period, the successful bidder shall repair or replace same at no cost to the District, immediately upon written notice from the Facilities Department Designee.
- H. **Start of Work and Time for Completion:** It is hereby understood and mutually agreed by and between parties hereto that the time of completion is an essential condition of this contract. By submitting a bid response, successful bidder agrees to start the work within 10 days of issuance of



Notice to Proceed. Awarded vendor is to prosecute the work uninterrupted in such a manner, with sufficient labor, equipment and/or materials so as to insure its completion by no later than February 28, 2020.

- I. The Technical Specifications and Plan Drawings for this project are prepared by Harvard Jolly Architecture, Inc., and contained in Section VIII.

5.2 **BOND REQUIREMENTS**

The Successful Contractor shall be required to submit the following Bond requirements on a per project basis based upon method of award.

- A. **Bid Bond:** The bond shall be in an amount equal to five percent (5%) of the total amount. The guarantee may be in the form of a Surety Bond with a carrier duly licensed and authorized to do business in the State of Florida, a Cashier's Check or a Certified Check (checks made payable to District).

Purpose of the Bid Bond/Guarantee is to assure the apparent low, responsive and responsible bidder will enter into a contract to provide the described services. Should the Bidder not enter into a contract the Bid Bond/Guarantee shall be retained by the District to defray the additional costs of either awarding to the second low, responsive and responsible Bidder or re-advertise and re-solicit the project.

- C. **Payment & Performance Bonds:** Provide evidence confirming the firm's ability to obtain Payment and Performance Bonds for the construction project as detailed herein. The successful Bidder will be required to furnish payment and performance bonds with a carrier duly licensed and authorized to do business in the State of Florida, equal to one hundred percent (100%) of the total amount of the contract to assure faithful performance and timely payments to all persons providing labor, materials or supplies used in the performance of the work.

5.3 **LIQUIDATED DAMAGES**

Liquidated damages are identified in Section IV, Article 12.



SECTION VI SPECIAL CONDITIONS

6.1 QUALIFICATIONS OF BIDDERS

This ITB shall be awarded only to a responsive and responsible Bidder, qualified to provide the work specified. The Bidder should submit the following information with their bid response package to be considered responsive in order for the District to fully evaluate the firm's qualifications. Failure to fully submit the requested information may result in the bid response being considered non-responsive.

- A. No bid will be accepted from, nor will any contract be awarded to, any person who is in arrears to the District, upon any debt or contract, or who has defaulted, as surety or otherwise, upon any obligation to the District, or who is deemed irresponsible or unreliable by the Martin County School Board in its sole discretion.
- B. Contractor must provide proof of at least three (3) successfully completed projects in similar scope and complexity within the past five (5) years.
- C. Contractor must provide current proof of a general contractor's license to work in the State of Florida and must be registered with the State of Florida DBPR Construction Industry Licensing Board at time of Bid opening. Copies of all applicable certificates, registrations and licenses must be submitted with the Bid and must be in the name of the Bidder shown on the Signature of Bidder Form.
- D. Contractor must provide proof that their firm is registered with the Division of Corporations for the State of Florida.
- E. Contractor shall comply with Business Tax Receipt requirements for their business location, if required. A copy of the business tax receipt or proof of exemption must be included with the submittal package.
- F. Contractor shall provide evidence of bondability/Letter of Credit from Surety within their submittal response.

6.2 MEETING SCHEDULE

- A. **Pre-Bid Meeting:** There will be a **non-mandatory pre-bid meeting, followed by a site visit, on August 28, 2019 at 10:00 AM**, at the Purchasing Warehouse Facility, Service Center Conference Room, 2845 SE Dixie Highway, Building# 7, Stuart, Florida 34997. All prospective bidders are encouraged to attend.
- B. **Questions Deadline:** The Purchasing Department will receive written requests for clarification and inquiries concerning the meaning or interpretation of this ITB. Questions shall be emailed to bids@martin.k12.fl.us with reference to the ITB number in the subject for faster recognition. Only questions answered by formal written Addenda issued by the MCSD Purchasing Department shall be binding. Oral and other interpretations or clarifications shall be without legal effect. The District will respond to written inquiries, if received by no later than 2:00pm on September 11, 2019. The District shall record its responses to inquiries and any supplemental instructions in the form of a written addendum. If addenda are issued, the District **shall make every attempt to issue such** addenda at least seven (7) calendar days before the date fixed for receiving the bids.
- C. **Bid Opening:** Firms desiring to provide the goods and services described above shall submit their bids, one original, two (2) copies, and one (1) electronic copy (PDF format preferred) on a flash drive containing all of the required information on the proper forms as identified in Section VII, **no later than 2:00 PM, September 18, 2019**. Bids will be opened and read in public. It is the sole responsibility of the bidder to assure that bids are received no later than the specified time and date.
- D. **Preconstruction Conference:** The District will schedule a preconstruction conference within fifteen (15) business days after Notice of Award.



6.3 **BADGE POLICY**

This work is to take place on an active campus with active buildings around the area of work. All personnel working onsite with this project must have & wear MCS D badge at all times on the site. The Awarded Contractor must apply for the MCS D Badge and pay for all associated costs for each individual working on the project, and as specified in the General Notes of plan drawings.

6.4 **SUBCONTRACTING**

It is the intention of this bid not to subcontract any work. However, if a vendor must subcontract, they may not subcontract any more than 25% of any portion of this contract for any reason. (The District discourages subcontracting practices for any substantial portion of the requested services in this bid). **If bidders are subcontracting, this information is to be submitted with their bid response in writing on the attached form or as a separate attachment subcontractor's information as follows; name, address, license number, type of work to be performed and percentage of work that may be provided by Subcontractor.** The District reserves the right to reject a bid of any bidder if the bid names a subcontractor who has previously failed in the proper performance of an award or failed to deliver on time contract of a similar nature, or who is not in a position to perform properly under this award. Changing subcontractors throughout the course of the contract is prohibited, unless the using department and the Purchasing Department approve changes in writing by Bidder's written request. The District reserves the right to reject any request to change subcontractors.

6.5 **AWARD METHOD**

The District reserves the right to award on an all or none basis to the lowest and best responsive responsible bidder.

6.6 **INSURANCE REQUIREMENTS**

The following requirements are in correlation with Articles 5 and 6 of Supplementary Conditions.

- A. Be authorized by subsisting certificates of authority issued to the companies by the Department of Insurance of the State of Florida or be eligible surplus lines insurers under Florida Statute 626.918, and
- B. Must have a current rating of "A-" or better and a Financial Size Category of "VIII" or better according to the most recent rating in effect by the A.M. Best Company.
- C. The Martin County School Board must be named as an additional insured on the Commercial General Liability, Business Auto Liability and the Builder's Risk/Installation Floater if required below. If applicable, Certificates shall be filed with the School Board by the Contractor, prior to commencement of the Work.
- D. These Certificates shall contain a provision that coverage afforded under the policies will not be cancelled without prior written notice to the Board. The Certificates of Insurance from the Commercial General Liability, Business Auto Liability and the Builder's Risk/Installation Floater, must have the Martin County School Board as an additional insured in connection with the work contracted to (Name of Contractor). This insurance applies separately to the School Board except with respect to limits of liability and is primary to rather than contributory with any insurance or self-insurance carried by the School Board.
- E. Any deviation to the insurance contract terms, conditions or limits listed below need to be approved by the Risk and Benefits Department. Any projects involving Design Professionals (i.e. architects, engineers) shall also have professional liability requirements in the contract. Any projects involving medical professional services (i.e. doctors, dentists) shall contain malpractice/professional liability coverage. Any Professional Service providers who have "Student Contact" must have Sexual Abuse and Molestation Coverage as outlined herein.



- F. Contractors shall not charge a markup or fee of any type on any insurance policies required herein.
- G. References to letter and number combinations (i.e. CG 2037) refer to Insurance Services Office (ISO) forms and represent specific coverage provisions that may not be deviated from without approval by the Risk and Benefits Management Department. Contractors, vendors and consultants should consult with their insurance agent/carrier for more information.
- H. Contact the Risk and Benefits Specialist at Ext. 30262 with any questions. All exceptions must be approved, in advance by Risk and Benefits Department.
- I. Construction businesses are required to carry workers' compensation insurance for every employee, including contractors. Firms with four (4) or less employees and does not acquire workers' compensation insurance must submit their State certificate of election to be exempt.
- J. Other applicable insurance and indemnification terms are identified in Articles 5 and 6 of Supplementary Conditions.

Construction Contracts Less than \$1,000,000

Type of Coverage	Minimum Coverage Limit	Notes
Commercial General Liability	\$1,000,000 / \$2,000,000	Requires endorsements CG 20 37 and 20 38 and contract language shall require Waiver of Subrogation
Workers' Compensation Employer's Liability	To Statutory Limits (F.S. 440) \$ 500,000/\$500,000/\$500,000	Contract language shall require Waiver of Subrogation
Auto Liability	\$ 500,000	Contract language shall require Waiver of Subrogation with owned, hired and non-owned.
Umbrella Liability	N/A	N/A for most contracts under \$ 1,000,000
Builder's Risk	Purchased by the contractor in form acceptable to the School Board, for value of building and labor costs.	Applicable if project includes construction or rehab of a building (re-roof). School Board to be listed as additional insured and contractor responsible for deductibles.
Professional Liability	\$1,000,000	Required for all design and design/build activities such as architects, engineers, etc.
Pollution Liability	\$1,000,000	If applicable to work being performed
Railroad Protective Liability	\$1,000,000	If applicable to work being performed next to railroad property.



**SECTION VII
FORMS**

- 7.1 BID COVER PAGE CHECKLIST/BID FORM
- 7.2 BID FORM
- 7.3 BID BOND
- 7.4 BIDDER'S QUALIFICATIONS STATEMENT
- 7.5 SUBCONTRACTOR LIST
- 7.6 WARRANTIES
- 7.7 REFERENCE QUESTIONNAIRE
- 7.8 NON-COLLUSIVE AFFIDAVIT
- 7.9 CONFLICT OF INTEREST
- 7.10 DRUG FREE WORKPLACE
- 7.11 PUBLIC ENTITY CRIMES
- 7.12 NO BID



BID FORM: BID COVER PAGE CHECKLIST

THIS SHOULD BE THE FIRST PAGE OF YOUR BID SUBMITTAL

BID NAME: _____

BID NO: _____

COMPANY NAME: _____

PHONE NO: _____

BEFORE SEALING YOUR BID MAKE SURE THE FOLLOWING ITEMS ARE INCLUDED IN YOUR BID

- 1. **Submit One (1) Original, One (1) Electronic Flash Drive + Two (2) copies of this form to the Martin County School District Purchasing Department, 2845 SE Dixie Hwy, Building 7, Stuart, FL., 34997) prior to the Bid deadline.** Bids submitted after the bid deadline shall be retained unopened and deemed non-responsive.
- 2. **Bid Bond:** Include a five percent (5%) Bid Bond. **Failure to provide a Bid guarantee will result in automatic rejection of your Bid.** All required Bonds must be submitted on the DISTRICT'S Bond forms, included in this document. *Failure to properly complete and submit this document using the form provided shall cause the Bid submittal to be rejected as non-responsive.)*
- 3. Bid Form/Bid Submittal Certification: **Carefully read all Bid Documents, and properly complete the Bid Form and execute the certification.** *(Failure to properly complete and sign this document shall cause the Bid submittal to be rejected as non-responsive.)*
- 4. Bonding Guaranty Letter: **Failure to submit the notarized letter with your bid may cause it to be rejected as non-responsive.**
- 5. References: **Complete and submit three with the Bid Form.**
- 6. Bidder's Qualification Statement: **Complete and sign the Bidder's Qualification Statement.** *(Failure to properly complete and sign this document shall cause the Bid submittal to be rejected as non-responsive.)*
- 7. Non-Collusion Affidavit: Sign the Non-Collusion Affidavit and have it notarized.
- 8. Drug Free WorkPlace Form: **Sign the Drug Free WorkPlace Form.**
- 9. Warranties: **Complete and sign the Warranties form.**
- 10. Material List: **Complete the form.**
- 11. Subcontractor List: **Complete the form.**
- 12. Public Entity Crime Statement: Sign the Public Entity Crime Statement and have it notarized.
- 13. Proof of Insurance: Include proof of insurance containing **a provision or endorsement that the coverage afforded will not be canceled, reduced in coverage, or renewal refused until at least 30 days' prior written notice has been given to the DISTRICT and additional insured by certified mail. All such insurance required herein (except for worker's compensation and employer's liability) shall name the DISTRICT, and their officers, directors, agents, and employees as "additional insured".** Attach to the back of your submittal.
- 14. Licenses: **Attach certificate of competency, state registration and any other applicable licenses.** Attach to the back of your submittal.
- 15. **Proof that firm is registered with Florida Division of Corporations (Sunbiz) and Business Tax Receipt, if applicable.**
- 16. **IF "NO BID" is offered, please complete the last section in the Bid Form and return to the Purchasing Department.**



BID FORM

BID NAME:

BID No:

(Submit One (1) Original, One (1) Electronic Flash Drive + Two (2) copies of this form to:
The Martin County School District, Purchasing Department,
2845 SE Dixie Hwy, Building 7, Stuart, FL., 34997

Submitted By: _____
(BIDDER)

Date: _____

A. SCOPE OF WORK

The scope of work is or the replacement of the existing metal roofing on the Bldg. #6, Auditorium Building. The existing gutter & downspouts, metal roofing system and insulation will be removed down to metal deck as required per the Construction Documents. The new gutter & downspouts, new insulation and underlayment shall be installed with new metal roofing system in accordance with the manufacturers Product Approval. The new roofing will match the existing roofing pattern.

B. BIDDER ACKNOWLEDGES

In order to be considered for this project, **the Bidder must** have successfully completed a minimum of three (3) projects of similar scope and complexity over the past five (5) years, in the State of Florida, and must be able to document the required experience upon request.

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Contract with the DISTRICT to perform and furnish all WORK and deliver all materials in accordance with the bid documents as specified herein for the Contract Price and within the Contract Period indicated in this Bid.
2. This Bid will remain subject to acceptance for ninety (90) days after the day of Bid opening. BIDDER will sign and submit the necessary documents required by the DISTRICT within ten (10) days after the date of DISTRICT'S Notice of Intent to Award.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Contract, that
 - a. BIDDER has examined the Bid Documents, including the following addenda, receipt of which is hereby acknowledged:

Number	Date	Number	Date	Number	Date
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

- b. BIDDER has familiarized itself with the nature and extent of the Bid Documents, locality, and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or furnishing of the WORK. These General Conditions are applicable to all specifications contained in the project manual.
- c. BIDDER has given the DISTRICT written notice of all conflicts, errors or discrepancies that it has discovered in the Bid Documents and the written resolution thereof by the DISTRICT is acceptable to BIDDER.



- 4. BIDDER proposes to furnish the WORK in conformity with the specifications and at the Bid Prices referenced below in the Schedule of Bid Prices. The Bid Prices quoted have been checked and certified to be correct. Said Bid Prices are fixed and firm and shall be paid to BIDDER for the successful completion of its obligation as specified in the Bid Documents.
- 5. BIDDER agrees that the WORK will be substantially completed within 150 calendar days after the receipt of the Notice to Proceed and final completion will occur by no later than February 28, 2020.
- 6. BIDDER accepts the provisions of the Contract as to liquidated damages in the event of failure to complete the WORK on time.
- 7. Communications concerning this Bid shall be as follows:

Contact Person _____

Business Address _____

City, State, Zip Code _____

Business Phone Number _____

Fax Number _____

Cell Phone Number _____

- 8. Other pertinent information is as follows:

License Number
(Please Attach Copy) _____

Federal Tax ID# _____

Federal Employment ID # _____



SCHEDULE OF BID PRICES

For all work associated and described in the bid documents, drawings and specifications. The cost of incidental work described in these Contract Requirements, for which there are no specific Contract and or contract line items, shall be considered as part of the general cost of doing the work and shall be included in the prices for the various Contract Items. No additional payment will be made therefore

The District reserves the right to award on an all or none basis to the lowest and best responsive responsible Bidder.

A materials list with unit price shall be recorded and reviewed with the Owner and Architect at each Project Progress Meeting. Acceptances of quantities / materials list used to date are to be documented in the Meeting Minutes.

If these documentation and approval procedures are not followed by the contractor, a later request for award of Unit Price Costs may be denied by the Owner and Architect.

The District intends to award a contract to the lowest Responsive and Responsible bidder as a basis for award. Items include all profit and overhead, incidentals, all labor, supervision, testing, machinery, equipment, tools, materials, cleanup and other means of construction to successfully complete the project in accordance with specifications and construction documents herein.

ITEM	DESCRIPTION	BID PRICE
1	Mobilization / Demobilization, Overhead, Profit, Bonds and Insurance	\$
2	Construction Fencing & Gates with Fabric Screen Around Project Site	\$
3	Removal & Disposal of the decorative stucco, foam banding, coping and gutters and down-spouts on the exterior elevations of the Cafeteria and Music Buildings as Specified in Construction Documents.	\$
4	Installation of the new the decorative stucco, foam banding, coping and gutters and down-spouts on the exterior elevations of the Cafeteria and Music Buildings and all required work as specified in the Construction Documents for a complete project.	\$
OVERALL TOTAL PRICE (ADD ITEMS 1-4)		\$
IF WORK CAN BE ACCOMPLISHED PRIOR TO 2/28/20, CALENDAR DAYS FROM NOTICE TO PROCEED TO FINAL COMPLETION		Days

ALL LINE ITEMS MUST ADD UP TO THE TOTAL COST OF THAT SECTION AND TOTAL COST OF THE BID SUBMITTAL

Submitted on this _____ day of _____, 20__.

a. (If an individual, partnership, or non-incorporated organization)

Signature of BIDDER _____

By _____

b. (If a corporation)

(Affix Seal)

Signature of BIDDER _____

By _____

Attested by Secretary _____

Incorporated under the laws of the State of _____.

BID PRICES WITHOUT THE MANUAL SIGNATURE OF AN AUTHORIZED AGENT OF THE BIDDER SHALL BE REJECTED AS NON-RESPONSIVE, NON-CONFORMING AND INELGIBLE FOR AWARD.



CERTIFICATE
(For Partnership)

I HEREBY CERTIFY that a meeting of the partners of _____, a Partnership under the laws of the State of _____ held on _____, 20____, the following resolution was duly passed and adopted:

"RESOLVED, that _____ as _____ of the Partnership, is hereby authorized to execute the Bid Form dated _____, 20____, between the Martin County School District, Florida, and this Partnership, and that the execution thereof, attested by the _____ of the Partnership be the official act and deed of this Partnership."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of _____, 20____.

(Signature)

(Title)

STATE OF FLORIDA

COUNTY OF _____

Sworn to and subscribed before me on this ____ day of _____, 20____ by _____ who is personally known to me or who has presented the following type of identification: _____.

Signature of Notary Public, State of Florida

Notary seal (stamped in black ink)
OR

Printed, typed or stamped name of Notary and Commission Number



CERTIFICATE
(For Corporation)

I HEREBY CERTIFY that a meeting of the Board of Directors of _____, a corporation under the laws of the State of _____ held on _____, 20 ____, the following resolution was duly passed and adopted:

"RESOLVED, that _____, as _____ of the Corporation, is hereby authorized to execute the Bid Form dated _____, 20____, between the Martin County School District, Florida, and this Corporation, and that the execution thereof, attested by the Secretary of the Corporation and with corporate seal affixed, shall be the official act and deed of this Corporation".

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of _____, 20____.

Secretary

STATE OF FLORIDA

COUNTY OF _____

Sworn to and subscribed before me on this ____ day of _____, 20____ by _____ who is personally known to me or who has presented the following type of identification: _____

Signature of Notary Public, State of Florida

Notary seal (stamped in black ink)
OR
Printed, typed or stamped name of Notary and
Commission Number



BID BOND

STATE OF _____

COUNTY OF _____

KNOW ALL MY BY THESE PRESENTS that _____ as Principal, hereinafter called BIDDER and _____ as Surety, are held and firmly bound unto the Martin County School District, hereinafter called the DISTRICT in the penal sum of:

_____ Dollars \$_____

lawful money of the United States, for the payment of which sum will and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH, that whereas the BIDDER has submitted the accompanying Bid, dated _____, 20____, for:

PROJECT NAME _____

BID NO: _____

NOW, THEREFORE,

1. It is a condition precedent to the submission of said Bid that a certified check, cashiers check or bid bond in the amount of five percent (5%) of the base Bid be submitted with said Bid as a guarantee that BIDDER will, if awarded the contract, enter into a written contract with DISTRICT.
2. If the BIDDER shall not withdraw said bond within ninety (90) days after date of the same, and shall within fifteen (15) days after the prescribed forms are presented to him for signature, enter into a written contract with the DISTRICT in accordance with the Bid as accepted, and give bonds with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such contract, then the above obligation shall be void and of no effect, otherwise the sum herein stated shall be due and payable to DISTRICT and the Surety herein agrees to pay said sum immediately upon demand of the DISTRICT in good and lawful money of the United States of America as liquidated damages for failure thereof of said BIDDER.

IN WITNESS WHEREOF, the above bounded parties executed this instrument under their several seals, this _____ day of _____, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.



WITNESS: (If Sole Ownership or Partnership, two (2) Witnesses required. If Corporation, Secretary Only will attest and affix seal.)

WITNESSES:

(AFFIX SEAL)

BIDDER

By (Signature & Title)

Typed Name & Title signed above

ATTEST:

Secretary

CORPORATE SURETY (Affix Seal)

By (Signature & Title)

Typed Name & Title signed above

ATTEST:

Secretary

Attorney in Fact (Affix Seal)

Business Phone

Business Address

DISTRICT State

(AFFIX SEAL)

Name of Local Insurance Agency



CERTIFICATE AND AFFIDAVIT FOR BONDS (MUST BE SUBMITTED WITH ALL BONDS)

TO: THE MARTIN COUNTY SCHOOL DISTRICT BOARD

RE: Bid Number: _____

Bidder: _____

Name: _____

Address: _____

City/ State: _____ ZIP: _____

Phone: _____

Bond Amount: _____

SURETY BOND COMPANY:

Name: _____

Address: _____

City/ State: _____ ZIP: _____

Phone: _____

This is to certify that in accordance with Chapter 85-104, Laws of Florida (HB 1266) the insurer named above:

1. Holds a certificate of authority authorizing it to write surety bonds in the state of Florida;
2. Has twice the minimum surplus and capital required by the Florida Insurance Code; and
3. Holds a current valid certificate of authority issued by the United States Department of Treasury under Sections 9304 to 9308 of Title 31 of the United States Code.

Date

Agent and Attorney-in-Fact



BIDDER'S QUALIFICATIONS STATEMENT

THE UNDERSIGNED GUARANTEES THE TRUTH AND ACCURACY OF ALL STATEMENTS AND ANSWERS HEREIN CONTAINED:

BIDDER'S GENERAL INFORMATION: BIDDER shall furnish the following information. Failure to comply with this requirement will render Bid non-responsive and shall cause its rejection. **Additional sheets can be attached as required.**

1. BIDDER'S Name, Principal Address, Phone Number, Fax Number, and email address as follows:

BIDDER'S Name and Principal Address: _____

Contact Person's Name and Title: _____

BIDDER'S Telephone, _____ Fax Number: _____

BIDDER'S Email address: _____

BIDDER'S License Number: _____

(Please attach certificate of status, competency, and/or state registration.)

Certification: MBE SFDB MWBE DVBE SBA Other
(Please attach certificate)

BIDDER'S Federal Identification Number: _____

2. Number of years as a Contractor in this type of work: _____

Number of years under your present business name?

3. How many years under a previous business name? List name(s) below.

4. Type of Business:

Sole Proprietorship Partnership Corporation Joint Venture

If a Corporation, answer this: _____

If a Partnership or Individual Proprietorship, answer this: _____

Date of incorporation: _____

Date of organization: _____

In what State: _____

If a partnership, state whether partnership is general, limited association: _____

5. Names and titles of all officers, partners or individuals doing business under trade name:

Name of Officers _____

Name and Address of Partners: _____

President: _____

Vice President: _____



Vice President: _____

Secretary: _____

Treasurer: _____

**SUBSIDIARY OR AFFILIATED COMPANIES
IN WHICH PRINCIPALS HAVE FINANCIAL INTEREST**

NAME AND ADDRESS OF SUBSIDIARY OR AFFILIATED COMPANIES	EXPLAIN IN DETAIL THE PRINCIPAL'S INTEREST IN THIS COMPANY AND NATURE OF BUSINESS

6. Business Structure – Corporation, Joint Venture, or Partnership. Applicants submitting applications as joint ventures, shall submit a copy of their joint venture agreement. If a joint venture or prime/subcontractor arrangement of two (2) firms, indicate how the work will be distributed between the partners.

Business Structure	Indicate By (X)	Copy of Joint Venture Agreement Attached (Y/N)	If applicable, how will work be distributed between partners?
Corporation			
Joint Venture			
Partnership			

Length of time in business for separate Firms of a Joint Venture

Firm(s) Name	Length of Time in Business

7. Principal Office Location – Location of principal office, which will be responsible for implementation of this contract. Please list telephone number (s), facsimile number (s) and email address (s).

--	--



8. Other Office Locations – Location of other offices from which resources may be drawn.

9. Firm is a certified Minority Business Enterprise as defined in Florida Statute 287.09431, and proof is attached.
Yes No

10. Have you, in the previous five years, been denied a contract award on which you submitted the low bid in competitive bidding, or been refused prequalification? If so, please list and describe

11. Within the previous 5 years has your organization or predecessor organizations ever failed to complete a project? If so, state name of organization and reason thereof.

12. Within the previous 5 years has your organization been involved in litigation? _____. If so, please list and explain nature and current status or resolution

13. Within the last 10 years has your organization been convicted of a Public Entity Crime? If so, please explain.

14. Is your organization currently pre-qualified with any governmental agency?_____ If so, please list.

15. Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

16. What is the last project of this nature that you have completed?

17. Have the Surety Company who will provide your bonds (said Surety Company must have an AM Best rating of Class XI A or better per the Supplementary Conditions, Section IV), provide you with written verification showing that your firm will be bonded for the amount of the contract. This must be submitted with your bid.

18. Have you personally inspected the proposed WORK and do you have a complete plan for its performance?

19. List three SIGNIFICANT SIMILAR PROJECTS (in scope and complexity) successfully completed within the past five (5) years.



Project No. 1	Location:	Your \$	\$	Date Completed:
		Subcontract Amount:	\$	

Contracting Agency:	Contact Person:	Email:
		Tel:
		Fax:

Project No. 2	Location:	Your \$	\$	Date Completed:
		Subcontract Amount:	\$	

Contracting Agency:	Contact Person:	Email:
		Tel:
		Fax:

Project No. 3	Location:	Your \$	\$	Date Completed:
		Subcontract Amount:	\$	

Contracting Agency:	Contact Person:	Email:
		Tel:
		Fax:

20. Give full information about all of your present contracts. In Column C insert "S" if a Subcontractor or "P" if a prime contractor, whether in progress or awarded but not yet begun; and regardless of with whom contracted.

A Project Description Location, Owner, Phone, Fax, email	B Design Architect And/Or Design Engineer	C Total Amount of Your Contract Or Subcontract)	D Amount In Column C Sublet To Others	E Uncompleted Amount of Contract
Total	Total	Total	Total	Total

21. List the pertinent experience of the key individuals of your organization assigned to this project.(continue on insert sheet, if necessary).



PRINCIPAL'S NAME	TITLE	YEARS OF CONSTRUCTION EXPERIENCE	IN WHAT CAPACITY AND WITH WHOM

SUPERVISORY PERSONNEL	TITLE	YEARS OF CONSTRUCTION EXPERIENCE	IN WHAT CAPACITY AND WITH WHOM

22. List your firm, licensing, type of work licensed for, and also the licensing and types of work the individual who will have personal supervision of the work is licensed for.

Name	License#	Type of Work

23. Will you sublet any part of this WORK (NTE 25%)? If so, give details.

24. What equipment do you own that is available for the WORK? (Attach additional sheets as necessary)

25. What equipment will you purchase for the proposed WORK? (Attach additional sheets as necessary)

26. What equipment will you rent for the proposed WORK? (Attach additional sheets as necessary)



27. List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.

28. List and describe all successful Bond claims made to your surety (ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).

29. List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Bidder or its predecessor organizations(s) during the three (3) years. The list shall include all case names; case, arbitration or hearing identification case or file numbers; the name of the engagement over which the dispute arose; and a description of the subject matter of the dispute, and the status or disposition of the reported action. For joint venture or team Bidders, submit the requested information for each member of the joint venture or team. Use additional paper if necessary.

30. List and describe all criminal proceedings or hearings concerning business related offenses in which the Bidder, its principals or officers or predecessor organization(s) were defendants.

31. Has the Bidder, its principals, officers or predecessor organization(s) ever filed for bankruptcy? If so, provide details.

32. Principal Materials Manufacturer and Subcontractors. The BIDDER who proposes to perform WORK specified and shown on the Drawings is submitting this Bid Form. The Schedule of Bid Prices shown on the preceding pages(s) has been calculated and tabulated using basic material prices. The following is a list of material manufacturers and subcontractors whose materials and services said BIDDER proposes to furnish and utilize if awarded a CONTRACT for the WORK specified herein and shown on the Plans. It is understood that the following list is not complete, but includes the names of manufacturers of the principal components and subcontractors supplying principal services to said project. It is also understood that if awarded a Contract, the BIDDER will furnish the materials of the manufacturers and utilize the services of the subcontractors stated herein and that if for any reason whatsoever BIDDER wishes to substitute materials or subcontractors BIDDER shall request permission in writing from the DISTRICT stating fully the reason for making such a request prior to ordering same.

All manufacturers or their authorized vendors have been made aware of all the appropriate portions of the Bid Documents and agree that their materials will meet all of the requirements stated therein and deliveries will be scheduled so as not to impede the progress of the WORK.

Materials:

<u>Item</u>	:	<u>Manufacturer</u>
_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____



_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____
_____	:	_____

The Bidder acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by DISTRICT in awarding the contract and such information is warranted by Bidder to be true. The discovery of any omission or misstatement that materially affects the Bidder's qualifications to perform under the contract shall cause the DISTRICT to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

Print Name/Title

Date:

Signature

Email:



SUBCONTRACTOR LIST

The undersigned Bidder hereby designates, as follows, all major subcontractors whom he proposes to utilize for the major areas of work for the project, and may not subcontract any more than 25% of any portion of this contract for any reason. The Bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Owner with a certificate of insurance in accordance with Section VI, Special Conditions, Insurance Requirements. Failure to furnish this information shall be grounds for rejection of the Bidder's submittal.

<u>Name, Address/ Phone#</u>	<u>License#</u>	<u>Specialty-Duties</u>	<u>Contract Amount \$</u>	<u>% of contract</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



The BIDDER acknowledges and understands that the information contained in response to this Qualification's Statement shall be relied upon by DISTRICT in awarding the contract and such information is warranted by BIDDER to be true. The discovery of any omission or misstatement that materially affects the BIDDER'S qualifications to perform under the contract shall cause the DISTRICT to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

The BIDDER also acknowledges that all information listed above may be checked by the DISTRICT and authorizes all entities or persons listed above to answer any and all questions. BIDDER hereby indemnifies the DISTRICT and persons or entities listed above and hold them harmless from any claim arising from such authorization or the exercise thereof, including the dissemination of information requested above.

By _____
(Signature)

Date _____



WARRANTIES

In consideration of, and to induce the Award of **THE MARTIN COUNTY SCHOOL DISTRICT**, Construction Contract described in these Bid Documents, the Contractor represents and warrants to the Martin County School District:

1. The Contractor is financially solvent and sufficiently experienced and competent to perform all of the work required of the Contractor in the Construction Contract; and
2. That the facts stated in the Contractor's Bid and information given the Contractor pursuant to the request or proposal for Bids, instructions to Contractors and Specifications are true and correct in all respects; and
3. That the Contractor has read and complied with all of the requirements set forth in the request for Bids, instructions to Contractors and Specifications; and
4. That the Contractor warrants all materials supplied by it under the terms of the Construction Contract are delivered to the Martin County School District, free from any security interest, and other lien, and that the Contractor is a lawful owner having the right to sell the same and will defend the conveyance to the Martin County School District, against all persons claiming the whole or any part thereof; and
5. That the materials supplied to the Martin County School District, under the Construction Contract are free from the rightful claims of any persons whomsoever, by way of patent or trademark infringement or the like; and
6. That the materials supplied under the Construction Contract are merchantable within the meaning of the Uniform Commercial Code Section 2-314; and
7. That the materials supplied under the Construction Contract are free from defects in materials and workmanship under normal use and service and that any such materials found to be defective shall be replaced by the Contractor as per the attached Warranty.
8. That the materials supplied pursuant to the Construction Contract are fit for the purposes for which they are intended to be used; that under normal use and maintenance the material will continue to be fit for such purposes for the warranty period after delivery, provided that the District shall give the Contractor notice that the materials failed to fulfill the warranty; such notice shall state in what respect the materials have failed to fulfill the warranty, where upon the Contractor shall be allowed a reasonable time after receipt of such notice to correct the defect and the District agrees to cooperate in this regard. If the materials cannot be made to fulfill the Contract within the warranty period the Contractor will either furnish duplicate materials, or at its option refund the amount paid, which shall constitute a settlement in full for all damages occasioned by reason at this warranty of fitness; and
9. That this Warranty is included in exposures for which the Contractor has products liability and completed operations insurance, in minimum amounts of One Hundred Thousand (\$100,000.00) Dollars for property damage and Three Hundred Thousand (\$300,000.00) Dollars for personal injury as shown on the Certificates of such Insurance attached hereto, and the Contractor agrees to keep such insurance coverage during the period of this Warranty; and
10. That it is an express condition of this Warranty that the item(s) hereby warranted shall be operated and maintained by the District in accordance with the manufacturer's recommendations as to those portions of the item(s) that are not fabricated by the Contractor, and in accordance with the Contractor's recommendations, a copy of which has either been supplied to the District should maintain complete and accurate records made at the time of performance of maintenance showing compliance with such instructions, and by acceptance of this Warranty, the Martin County School District, agrees to present such records to the Contractor upon request in the event of a claim hereunder by the District;
11. The foregoing Warranties apply as a minimum and are supplemental to other Warranties offered. They are not substituted, but in addition to, any other Warranties offered; and



12. That it is agreed and understood by the Contractor that the Martin County School District, is induced to enter the Construction Contract in reliance upon this Warranty.

SIGNED, sealed and delivered on this __ day of _____, 20__ .

(SEAL)

CONTRACTOR:

By _____

ATTEST:

Secretary



REFERENCE CHECK QUESTIONNAIRE

PROJECT NO & NAME: _____

BIDDER's FIRM NAME: _____

BIDDERS COMPLETE THE FOLLOWING COMPANY INFORMATION IN TRIPLE-3 DIFFERENT FIRMS

Company Name:		Reference Contact:
Telephone:	Fax:	Email:

Please complete the following questionnaire below regarding services provided by the above listed firm and email to the Purchasing Department at bids@martin.k12.fl.us within 24 hours.

No.	Questions	Rating	Comments
1.	Was the Project completed within the promised time frame? If not, why?		
2.	Were change orders requested, what type, and were they granted, refused, and why?		
3.	Did the contractor provide enough labor to maintain the schedule?		
4.	Did the contractor provide on site supervision, and how much supervision was provided on a daily basis?		
5.	Did the contractor move his labor to other jobs and not work on your site during the course of the work?		
6.	What types of problems did you encounter, and how were they handled by the contractor?		
7.	Did they communicate well with staff?		
8.	Were pay requests timely, accurate, easy to read, and contain all required backup information?		
9.	Was the punchlist, and work required for substantial and full completion done efficiently? Were there any responsibility issues?		
10.	Would you consider using this firm again?		
11.	Any other comments you would like to make about the Firm		
Rating: 1=Poor 2=Fair 3=Average 4=Good 5=Excellent			

For internal use only (Staff Reviewer) _____



NON-COLLUSIVE AFFIDAVIT

STATE OF FLORIDA

COUNTY OF _____

_____ being first duly sworn, deposes and says that:

BIDDER is the _____,
(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached BID and of all pertinent circumstances respecting such BID;

Such BID is genuine and is not a collusive or sham BID;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham BID in connection with the Contract for which the attached BID has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached BID or any other BIDDER, or to fix any overhead, profit, or cost element of the BID Price or the BID Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached BID are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

By _____

Subscribed and sworn to before me this _____ day of _____, 20____ by _____ who
 is personally known to me or who has presented the following type of identification: _____.

SEAL

Notary Public (Signature), State of Florida

My Commission Expires: _____



DISCLOSURE OF POTENTIAL CONFLICT OF INTEREST AND CONFLICTING EMPLOYMENT OR CONTRACTUAL RELATIONSHIP

In accordance with Instructions to Bidder's, each BIDDER must disclose, in its submittal, the names of any employees who are employed by BIDDER who are also an employee of MCSB. Persons identified below may have obligations and restrictions applicable to them under Chapter 112, Florida Statutes.

Name of Bidder's Employee	MCSB Title or Position of Bidder's Employee	MCSB Department/ School of Bidder's Employee
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Check one of the following and sign:

- I hereby affirm that there are no known persons employed by BIDDER who are also an employee of MCSB.
- I hereby affirm that all known persons who are employed by BIDDER, who are also an employee of MCSB, have been identified above.

Signature

Company Name

Name, Title of Official

Business Address, City, State, Zip Code



DRUG FREE WORKPLACE CERTIFICATION

IDENTICAL TIE RFPS: Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quantity, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a ITB received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie ITBs will be followed if none of the tied vendors have a drug-free workplace program (Florida Statutes Section 287.087). In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under ITB a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under ITB, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature

(Print or Type Name)



SWORN STATEMENT ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with any agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
2. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of the public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
3. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
4. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
5. Based on information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Indicate which statement applies.)

- Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of



Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (Attach a copy of the final order)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

(Signature)

STATE OF FLORIDA
COUNTY OF _____

Sworn to and subscribed before me on this ____ day of _____, 20____ by _____ who is personally known to me or who has presented the following type of identification: _____.

Signature of Notary Public, State of Florida

Notary seal (stamped in black ink)
OR
Printed, typed or stamped name of Notary and Commission Number



STATEMENT OF NO BID

Please complete and return this form prior to ITB opening date.

ITB NAME: _____

ITB NO: _____

COMPANY NAME: _____

PHONE NO: _____

We have declined to submit on this solicitation for the following reasons:

- Specifications too "restrictive", i.e., geared toward one brand or manufacturer (Please explain below)
- Insufficient time to respond to solicitation
- We do not offer this product/service or equivalent
- Our project schedule would not permit us to perform
- Unable to meet specifications, please explain _____
- Unable to meet requirements, please explain _____
- Specifications unclear, please explain _____
- Other, please specify _____

REMARKS:

WE UNDERSTAND THAT IF THE "NO BID" LETTER IS NOT EXECUTED AND RETURNED; OUR NAME MAY BE DELETED FROM THE LIST OF QUALIFIED BIDDERS FOR THE MCSB FOR FUTURE PROJECTS.

Typed Name

Title

Signature

Date



**SECTION VIII
TECHNICAL SPECIFICATIONS & PLAN DRAWINGS**

Cover Sheet	G001
Overall Site Plan	AS101
Roof Plan	A141
Exterior Elevations Demolition	AD201-AD203
Exterior Elevations	A201-A203
Details	A401
Specifications	A501-A506

MARTIN COUNTY HIGH SCHOOL EXTERIOR STUCCO REPAIRS & GUTTER/DOWNSPOUT REPLACEMENT: CAFETERIA & MUSIC BUILDINGS

MARTIN COUNTY SCHOOL DISTRICT
PERMIT DOCUMENTS SUBMITTAL

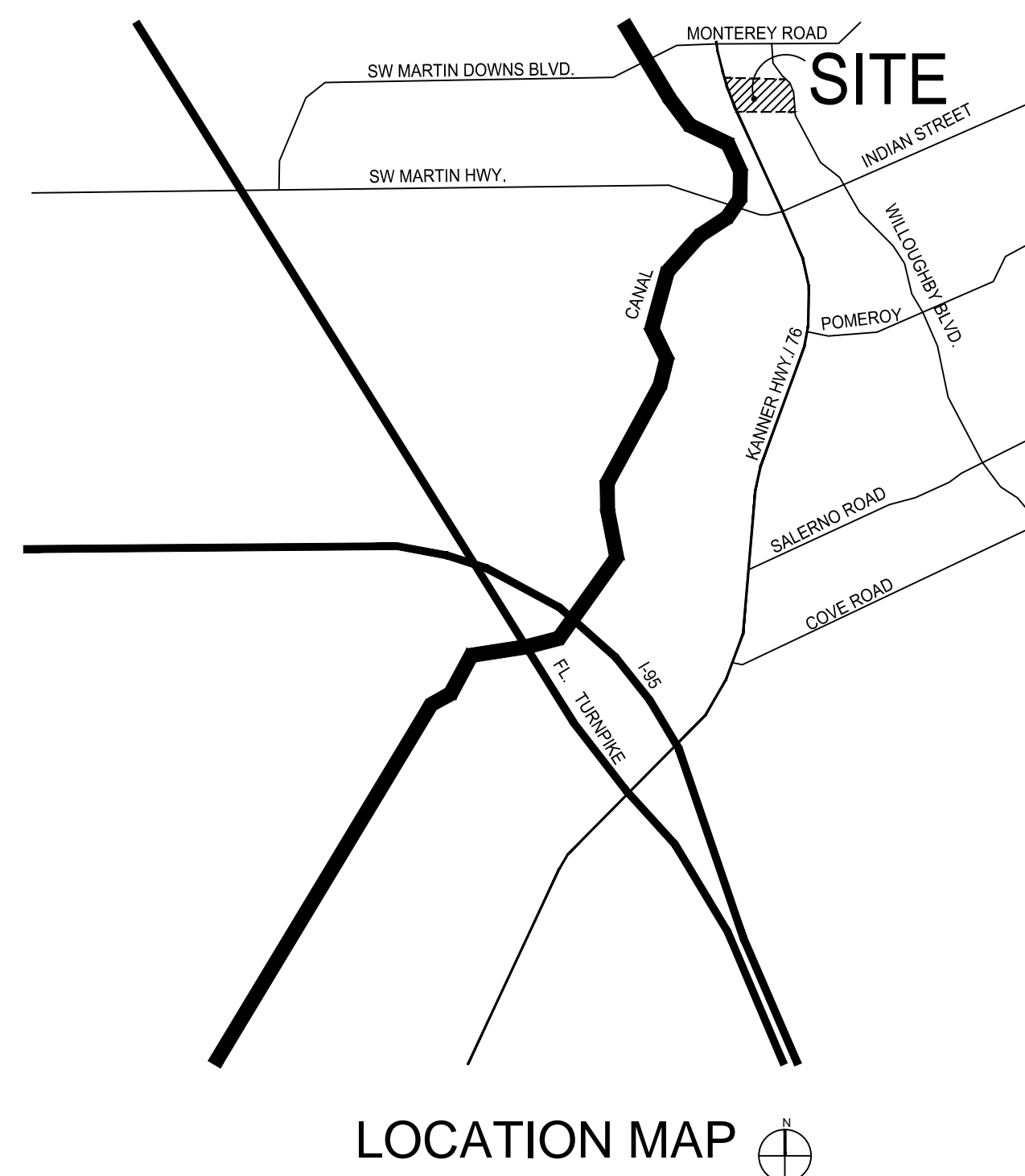
ARCHITECTURAL DESIGN CONSULTANT:

HARVARD JOLLY ARCHITECTURE

2047 VISTA PARKWAY, SUITE 100
WEST PALM BEACH, FL 33411
PHONE: 561-478-4457 FAX: 561-478-4102

BOARD MEMBERS:

CHRISTIA LI ROBERTS	CHAIR
MICHAEL DITERLIZZI	VICE CHAIR
MARSHA POWERS	MEMBER
VICTORIA DEFENTHALER	MEMBER
TONY ANDERSON	MEMBER
Laurie J Gaylord	SUPERINTENDENT



SHEET NO.	TITLE	ORIGINAL DATE	REVISION NO.	LATEST REVISION DATE
ARCHITECTURAL				
G-001	COVER SHEET & INDEX	04/16/19		
AS-101	OVERALL SITE PLAN	04/16/19		
A-141	ROOF PLANS	04/16/19		
AD-201	EXTERIOR ELEVATIONS DEMOLITION	04/16/19		
AD-202	EXTERIOR ELEVATIONS DEMOLITION	04/16/19		
AD-203	EXTERIOR ELEVATIONS DEMOLITION	04/16/19		
A-201	EXTERIOR ELEVATIONS RENOVATION	04/16/19		
A-202	EXTERIOR ELEVATIONS RENOVATION	04/16/19		
A-203	EXTERIOR ELEVATIONS RENOVATION	04/16/19		
A-401	DETAILS	04/16/19		
A-501	SPECIFICATIONS	04/16/19		
A-502	SPECIFICATIONS	04/16/19		
A-503	SPECIFICATIONS	04/16/19		
A-504	SPECIFICATIONS	04/16/19		
A-505	SPECIFICATIONS	04/16/19		
A-506	SPECIFICATIONS	04/16/19		

SCOPE OF WORK

SCOPE OF WORK INCLUDES TOTAL REMOVAL AND DISPOSAL OF APPLIED DECORATIVE FOAM BAND AS WELL AS GUTTERS AND DOWNSPOUTS FROM BUILDING 10 MUSIC AND BUILDING 14 CAFETERIA. EXISTING GUTTERS AND DOWNSPOUTS SHALL BE REPLACED IN SIMILAR PROFILE AND DIMENSIONS EXCEPT USING STAINLESS STEEL MATERIALS. REPLACED DOWNSPOUTS SHALL BE RECONNECTED TO UNDERGROUND UTILITIES AS CURRENTLY INSTALLED. FOAM BAND SHALL BE REMOVED AND EXPOSED SURFACES CLEANED OF ALL ADHESIVE RESIDUE. STAINLESS STEEL FLASHING SHALL BE INSTALLED IN CONDITIONS WHERE EXISTING BRICK IS OFFSET FROM EXTERIOR BUILDING WALL. AT CONDITIONS WHERE THE TOP ROW BRICK IS FLUSH WITH THE EXTERIOR WALL REPLACE MORTAR JOINT AS REQUIRED. EXISTING STUCCO WALL ABOVE BRICK/STUCCO TRANSITION SHALL BE REPAINTED TO MATCH EXISTING COLOR.

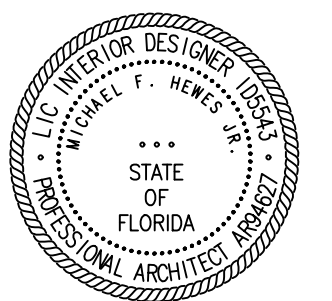
Comm. No: 16025.10

Date: 04/16/2019

Drawn: *

Revisions		
No.	Date	Note

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.



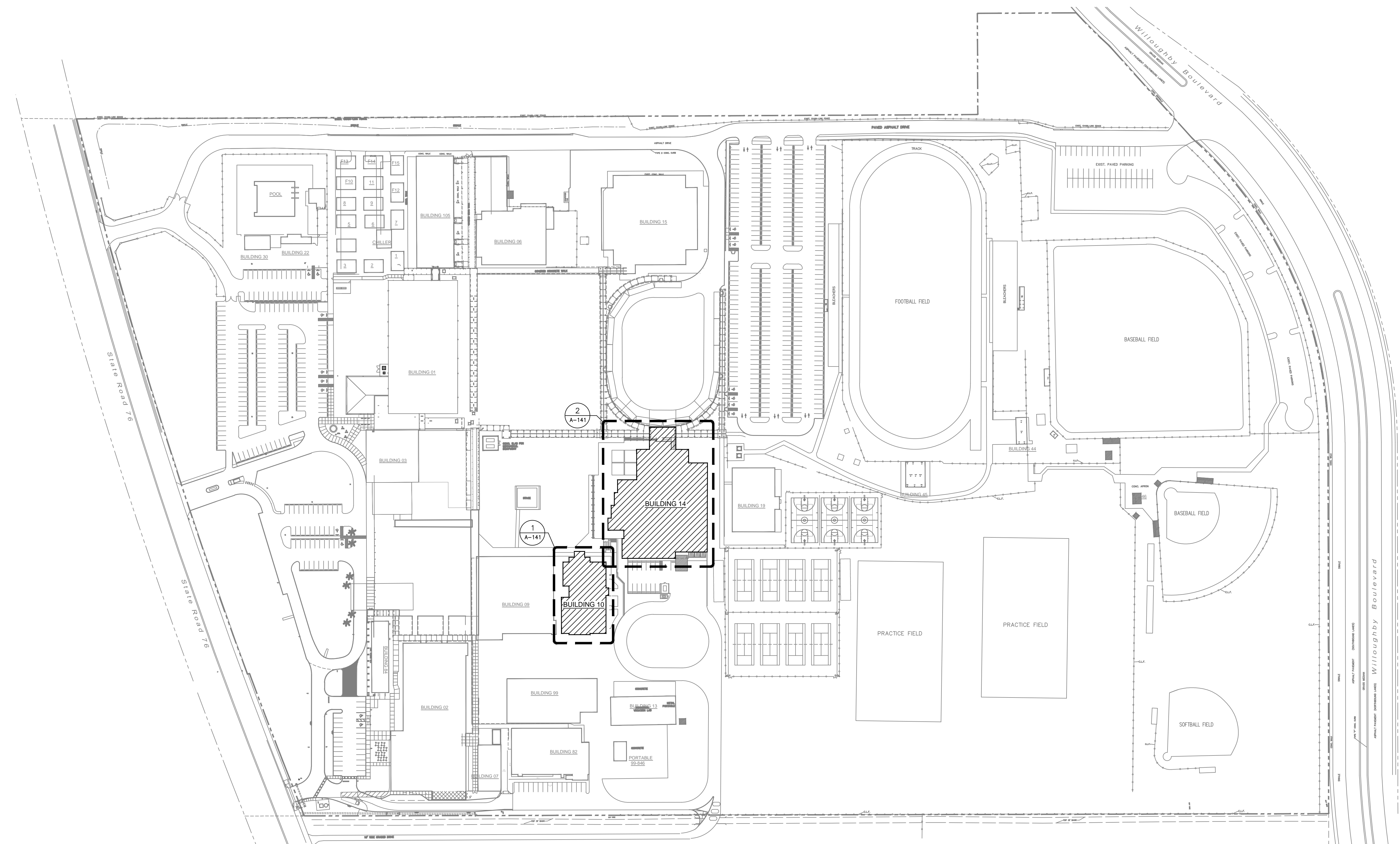
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COVER SHEET

G-001

GENERAL NOTES

1. ALL CONSTRUCTION SHALL COMPLY WITH SREF 2014, THE FLORIDA BUILDING CODE 6TH EDITION (2017) (WITH ALL APPLICABLE REVISIONS), FLA. FIRE PREVENTION CODE 6TH EDITION. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH ALL APPLICABLE REQUIREMENTS OF:
 - 1.1. THE FLORIDA BUILDING CODE 2017 6TH EDITION INCLUDING ALL SUPPLEMENTS.
 - 1.2. THE AUTHORITY OF JURISDICTION/PLAN REVIEW AND FIRE REVIEW PERMITS AND APPROVALS INCLUDING THE DISTRICT DESIGN GUIDELINES AND MASTER SPECIFICATIONS
 - 1.3. ALL STATE AND LOCAL ZONING CODES
 - 1.4. PERMITS SHALL BE POSTED IN A VISIBLE PLACE AT ALL TIMES. ALL PERMITS SHALL BE OBTAINED BY THE CONTRACTOR.
2. ALL WORK, MATERIALS AND EQUIPMENT UTILIZED IN THIS PROJECT SHALL BE NEW AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.
3. ALL WORK FOR THIS PROJECT SHALL CONFORM TO STANDARDS PUBLISHED BY RECOGNIZED PROFESSIONAL AND INDUSTRY ORGANIZATIONS.
4. ANY DEVICES/ EQUIPMENT REMOVED FOR THE PURPOSES OF CONSTRUCTION SHALL BE RE-CONNECTED AND TESTED ACCORDING TO THE CURRENT CODES AND DISTRICT REQUIREMENTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND FAMILIARIZING HIMSELF WITH ALL EXISTING CONDITIONS AFFECTING THE WORK, INCLUDING BUT NOT LIMITED TO PRIVATE AND PUBLIC UTILITIES, ON AND OFF SITE ACCESS ROADS AND OTHER SUPPORT FACILITIES.
6. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY UNEXPECTED OR UNKNOWN FIELD CONDITIONS, ERRORS, OMISSIONS, OR DISCREPANCIES IN THE DRAWINGS, PROJECT MANUAL, OR CONTRACT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK OR SHOP FABRICATIONS.
7. CONTRACTOR SHALL PREPARE AND MAINTAIN ALL CONSTRUCTION AREAS, AS WELL AS SURROUNDING AREAS FREE OF DEBRIS OR HAZARDOUS EQUIPMENT AT ALL TIMES.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR THE REPLACEMENT OF ANY ITEMS DAMAGED DURING CONSTRUCTION OR CLEAN-UP. CONSTRUCTION PERSONNEL SHALL BE CONFINED TO THE LIMITS OF THE CONSTRUCTION AREA. ALL OSHA REGULATIONS FOR CONSTRUCTION AREAS SHALL BE STRICTLY FOLLOWED.
9. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS SHALL BE FOLLOWED.
10. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE COMMENCING FABRICATION AND/OR INSTALLATION OF ALL APPLICABLE ITEMS FOR CONSTRUCTION. ALL SHOP DRAWINGS DIMENSIONS SHALL BE FIELD VERIFIED, REVIEWED AND APPROVED BY CONTRACTOR BEFORE SUBMITTAL. SHOP DRAWINGS WHICH ARE INCOMPLETE OR LACKING SUFFICIENT INFORMATION WILL BE RETURNED WITHOUT REVIEW. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS AND CONSTRUCTION MATERIAL FROM THE SITE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROPERLY CLEANING ALL AREAS PRIOR TO FINAL ACCEPTANCE BY THE OWNER INCLUDING BUT NOT LIMITED TO WINDOWS, FLOORS, WALLS, DOORS, EQUIPMENT, ETC.
12. CONTRACTOR TO INSTALL BARRIERS AS NECESSARY AND REQUIRED AROUND PERIMETER OF CONSTRUCTION LIMITS TO PROTECT THE PUBLIC. EGRESS FROM THE EXISTING BUILDINGS SHALL NOT BE REDUCED OR LIMITED.
13. WHERE EXISTING SURFACES ARE TO BE PATCHED AND FILLED TO LIKE NEW CONDITION, THEY SHALL BE MADE TO MATCH THICKNESS AND FINISH OF ADJACENT CONSTRUCTION. FINISHES SHALL BE REPLACED TO THE END OF EACH WALL OR NEAREST CONSTRUCTION JOINT.
14. CONTRACTOR TO PROVIDE A SAFETY PLAN PRIOR TO START OF CONSTRUCTION TO CLEARLY DELINEATE AREAS FOR CONSTRUCTION, SAFETY BARRIERS, EXITS AND CONSTRUCTION TRAFFIC DURING THE DEMOLITION/ NEW CONSTRUCTION ACTIVITIES.
15. ALL AREAS, REGARDLESS OF LOCATION, WILL BE REQUIRED TO BE REPAIRED IF DISTURBED BY THE CONSTRUCTION. CONTRACTOR TO REVIEW AS-BUILT DOCUMENTS BEFORE COMMENCING CONSTRUCTION AND VISIT THE SITE TO RECOGNIZE THE AREAS WITHIN THE SCOPE OF WORK.
16. TO THE BEST OF OWNER'S KNOWLEDGE THERE ARE NO HAZARDOUS CONTAINING MATERIALS IN THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IF ANY HAZARDOUS CONTAINING MATERIALS ARE ENCOUNTERED.
17. IN THE EVENT OF ANY CONFLICTS BETWEEN ANY AND ALL OF THE ABOVE MENTIONED REQUIREMENTS THE MOST STRINGENT SHALL APPLY.
18. THE WORK IS TO TAKE PLACE ON AN OCCUPIED AND ACTIVE CAMPUS. ALL PERSONNEL WORKING ON-SITE WITH THIS PROJECT MUST HAVE, WEAR AND DISPLAY A MCSD BADGE. CONTRACTOR/ VENDOR MUST APPLY AT THE MCSD AND PAY FOR ALL MCSD BADGE ASSOCIATED COSTS.



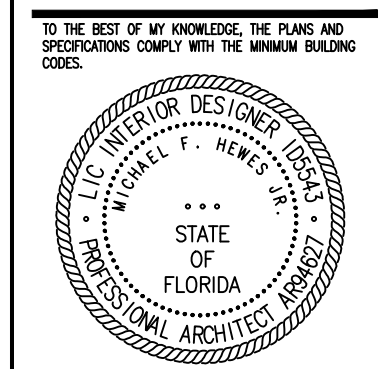
1 OVERALL SITE PLAN
SCALE: 1" = 100'-0"

Filename: P:\16025.10 - MCS Exterior Repairs\5 CAD Sheets\24x36\AS Sheets\AS-101 OVERALL SITE PLAN Plot Date: 4/16/2019 Plotted By: Michael F. Hewes, Jr.

MCS Martin County High School
Exterior Repairs/Gutter & DS Replacement
2801 S Kanner Highway, Stuart, FL 34994
Permit Documents Submittal

Comm. No: 16025.10
Date: 04/16/2019
Drawn: *

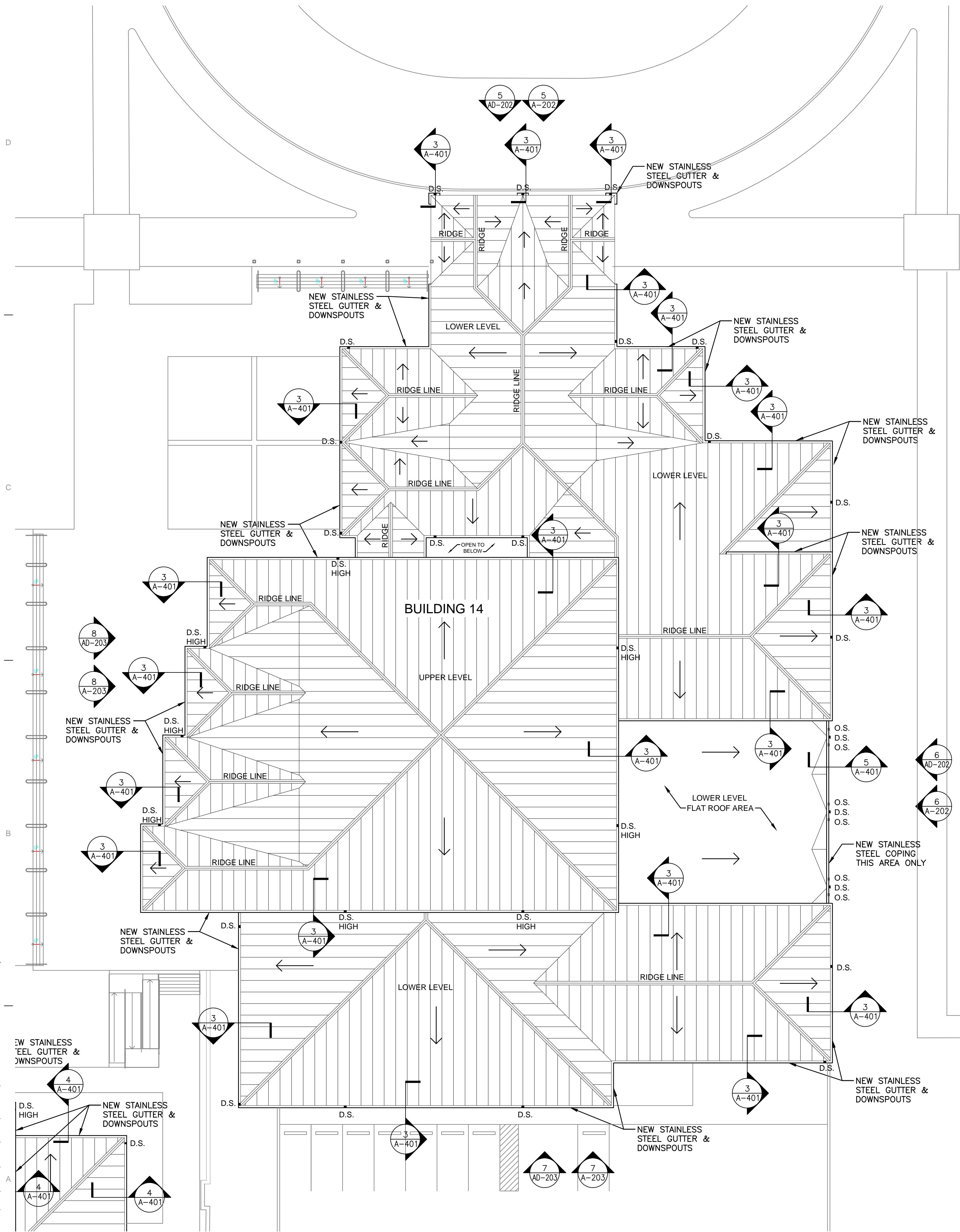
Revisions	
No.	Date



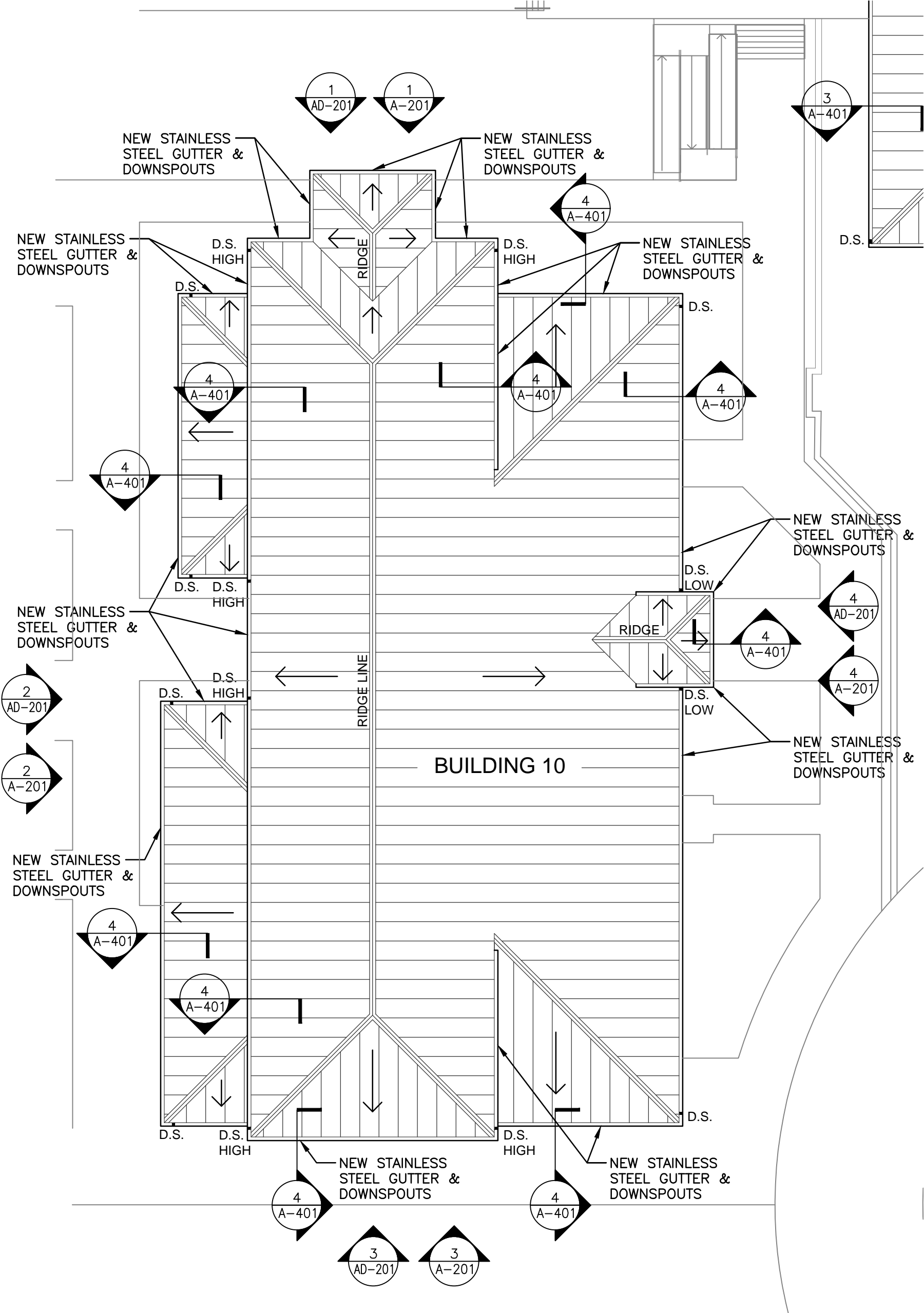
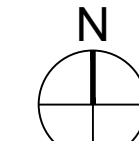
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OVERALL SITE PLAN

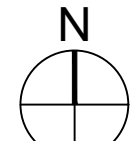
AS-101



2 ROOF PLAN: BUILDING 14 CAFE
SCALE: 1/16" = 1'-0"



1 ROOF PLAN: BUILDING 10 MUSIC
SCALE: 1/16" = 1'-0"



LEGEND

- D.S. NEW STAINLESS STEEL DOWNSPOUT
- O.S. EXISTING OVERFLOW SCUPPER TO REMAIN
- ▨ EXISTING ROOF TO REMAIN
- EXISTING ROOF SLOPE DIRECTION

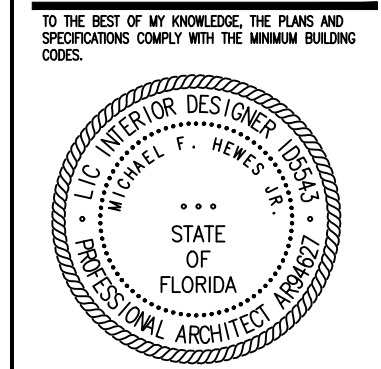
DEMOLITION GENERAL NOTES

1. DEMOLITION KEY NOTES - REFER TO DEMOLITION KEY NOTES FOR SPECIFIC DEMOLITION REQUIREMENTS. SPECIFIC DEMOLITION ITEMS ARE NOT TO BE CONSIDERED UNLESS SPECIFICALLY NOTED OTHERWISE.
2. SCHEDULING - SCHEDULE DEMOLITION WORK WITH OWNER'S PROJECT MANAGER PRIOR TO START OF WORK TO MAXIMIZE PRODUCTIVITY.
3. PROTECTION - EXERCISE CARE DURING WORK TO PROTECT INTERIOR AND EXTERIOR EXISTING CONSTRUCTION TO REMAIN. REPAIR TO EXISTING CONSTRUCTION DUE TO DAMAGE SHALL BE DONE AT NO COST TO THE OWNER.
4. HAZARDOUS MATERIALS - THE OWNER HAS TESTED FOR AND REMOVED LEAD & ASBESTOS CONTAINING MATERIALS ON THE PROJECT. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY HAZARDOUS OR TOXIC MATERIALS DISCOVERED TO ARCHITECT, OWNER AND AUTHORITIES HAVING JURISDICTION. OWNER HAS TESTED FOR AND HAS REMOVED LEAD AND ASBESTOS CONTAINING MATERIALS.
5. CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF WORK OF OTHER TRADES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
6. THE WORK SHALL INCLUDE ALL ITEMS MENTIONED ON THE DRAWINGS AS WELL AS IN THE SPECIFICATIONS AND NOTES. ITEMS NOTED "BY OTHERS" MAY STILL REQUIRE COORDINATION FOR PROPER INSTALLATION. WORK TO BE DONE SHALL BE ALL INCLUSIVE AND ANY WORK NOT MENTIONED, BUT REASONABLY IMPLIED, SHALL BE INCLUDED. THIS INCLUDES ANY PATCHING MADE NECESSARY BY THE WORK. THE CONTRACTOR SHALL FURNISH AND COORDINATE ALL LABOR AND MATERIALS FOR WORK INCLUDED IN HIS CONTRACT, IN AMPLE TIME AND WITH SUFFICIENT QUANTITIES, SO THAT ALL WORK MAY BE COMPLETED WITHIN THE DESIGNATED TIME LIMITS.
7. THE CONTRACTOR AND SUBCONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL FIELD CONDITIONS WITH THE DRAWINGS AND SPECIFICATIONS. INCONSISTENT INFORMATION SHALL BE REPORTED TO THE ARCHITECT PRIOR TO SUBMITTING THE BID.
8. THE PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) EDITION CURRENT AT THE TIME OF ISSUANCE OF PERMITS. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND MUNICIPAL LAWS AND ORDINANCES. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THE EMPLOYEES ON THE WORK AND SHALL COMPLY WITH ALL APPLICABLE OSHA PROVISIONS.
9. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND THE PROJECT'S COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS.
10. ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF GOOD QUALITY. LIKE MATERIALS SHALL BE OBTAINED FROM THE SAME MANUFACTURER, SUPPLIER AND DYE LOT TO ENSURE AESTHETIC AND FUNCTIONAL CONTINUITY OF MATERIALS. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS USED. MATERIALS SHALL BE AS NOTED, UNLESS APPROVED AS AN ACCEPTABLE ALTERNATE. INFORMATION FOR SUBSTITUTIONS SHALL BE SUBMITTED IN DUPLICATE WITH A WRITTEN REQUEST THAT STATES THE PROPOSED CHANGE AND THAT THE PROPOSED MATERIALS ARE AS EQUAL TO OR BETTER THAN THE SPECIFIED MATERIAL OR PRODUCT. REQUESTS FOR SUBSTITUTIONS SHALL BE SUBMITTED PRIOR TO THE BEGINNING OF THE WORK WITH SUFFICIENT TIME ALLOWED FOR THEIR REVIEW.
11. THE CONTRACTOR SHALL COORDINATE ALL TRADES SO THAT MECHANICAL EQUIPMENT AND SPACES ARE USED IN THE MOST EFFICIENT MANNER POSSIBLE FOR INSTALLATION, AS WELL AS SERVICE ACCESS. ALL TRADES SHALL RECEIVE A COMPLETE SET OF DRAWINGS AND INFORMATION THAT AFFECTS THEIR AREA OF WORK. ANY CONFLICTS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO THE BEGINNING OF WORK.
12. THE DRAWINGS, SPECIFICATIONS AND OTHER INFORMATION PREPARED BY THE ARCHITECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICES THROUGH WHICH THE WORK TO BE EXECUTED IS DESCRIBED. THE ARCHITECT IS THE OWNER AND HAS THE COPYRIGHT OF ALL DRAWINGS, SPECIFICATIONS AND INFORMATION PREPARED BY HIM. THE USE OF THESE DOCUMENTS AND INFORMATION FOR ANY PURPOSE OTHER THAN THE CONSTRUCTION OF THE PROPOSED PROJECT IS STRICTLY FORBIDDEN.
13. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR PROPOSAL FOR THE PROJECT. SHOULD ANY DISCREPANCIES BE ENCOUNTERED, THE ARCHITECT SHALL BE NOTIFIED IN WRITING SEVEN (7) DAYS PRIOR TO SUBMITTING THEIR BID PROPOSAL.
14. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EQUIPMENT AND UTILITY POINTS OF SERVICE.
15. CLEANING: REMOVE RUBBISH, DEBRIS AND WORKER'S FOOD ITEMS FROM THE JOB-SITE ON A DAILY BASIS.
16. THE CONTRACTOR SHALL FIELD MEASURE ALL DISTANCES AND CLEARANCES PRIOR TO COMMENCEMENT OF NEW WORK OR ORDERING OF MATERIALS. ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO PROCEEDING WITH THAT PORTION OF WORK. THE CONTRACTOR SHALL NOT SCALE ANY DRAWINGS WITHIN THE CONSTRUCTION DOCUMENTS, ANY DISCREPANCIES SHALL BE RESOLVED BY THE ARCHITECT.
17. UNLESS SPECIFICALLY NOTED OTHERWISE WITHIN THE CONSTRUCTION DOCUMENTS, INSTALL ALL MATERIAL PRODUCTS FOR THIS PROJECT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S LATEST PUBLISHED SPECIFICATIONS / RECOMMENDATIONS.
18. THE CONTRACTOR IS TO PROVIDE ALL THE SUPPLEMENTARY MATERIALS REQUIRED TO PROPERLY INSTALL, SUPPORT, BRACE AND SHORE ALL BUILDING COMPONENTS WITHIN THE SCOPE OF THE PROJECT.
19. CONTRACTOR SHALL PROTECT ALL FINISHES FROM DAMAGE OR UNNECESSARY SOILING THROUGHOUT THE DURATION OF CONSTRUCTION. ALL MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
20. ALL WORK SHALL BE DONE IN A NEAT AND WORKMAN LIKE MANNER, IN ACCORDANCE WITH ALL GOVERNING AGENCIES, RULES AND REGULATIONS HAVING JURISDICTION.
21. GENERAL CONTRACTOR IS REQUIRED TO INSTALL AND MAINTAIN CONSTRUCTION FENCING AND GATES WITH GATES WITH PRIVACY SCREEN TO REMAIN IN PLACE THRU DURATION OF THE WORK. CONSTRUCTION ACTIVITIES SHALL BE SEPARATED FROM THE OCCUPIED SITE.

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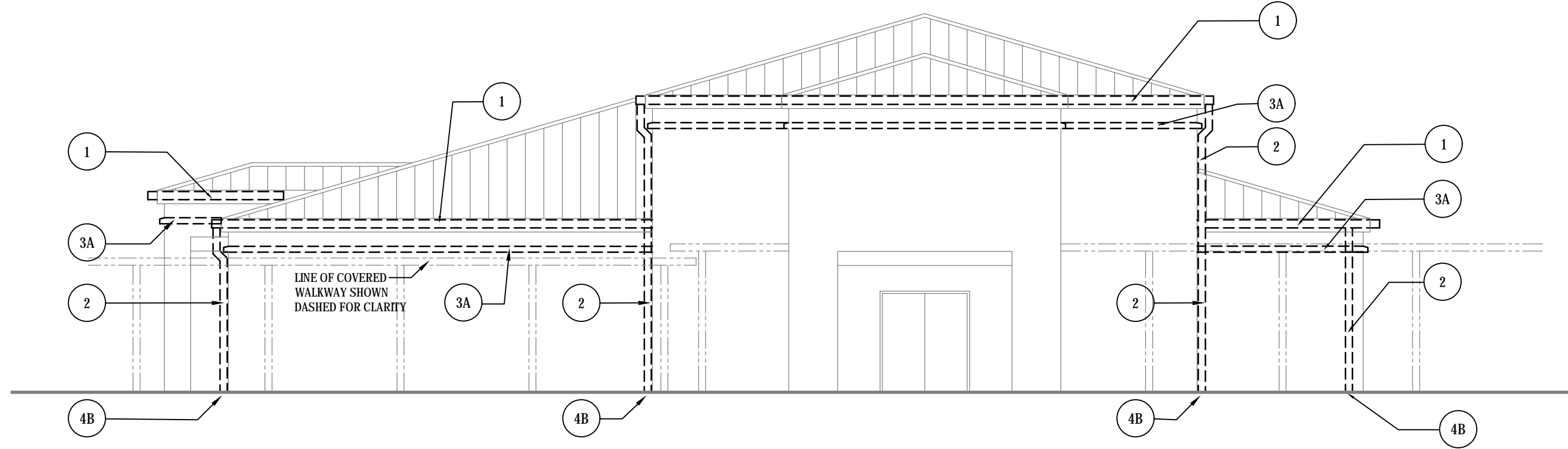
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Revisions		
No.	Date	Note

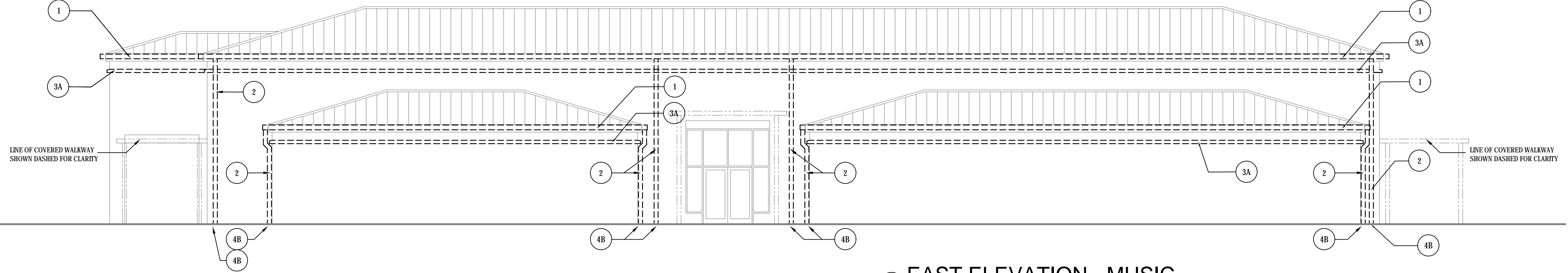


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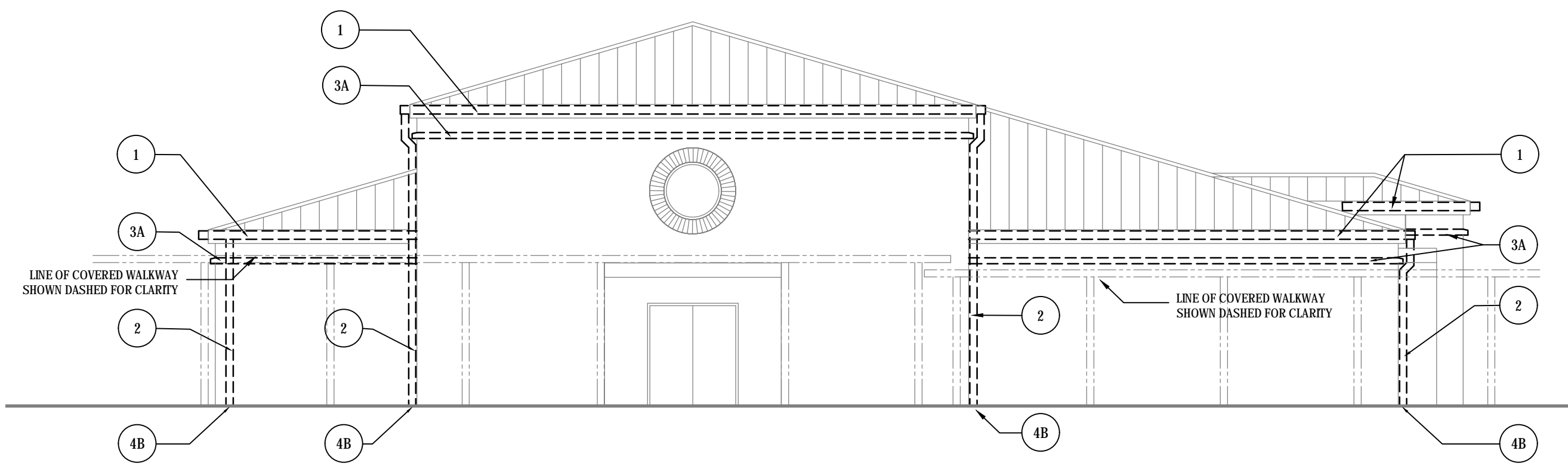
File name: P:\16025.10 - MCHS Exterior Repairs\5 CAD Sheets\24-36\A Sheets\AD-201 EXTERIOR ELEVATIONS DEMOLITION Plot Date: 1.16.2019 Plotted By: Michael F. Hewes, Jr.



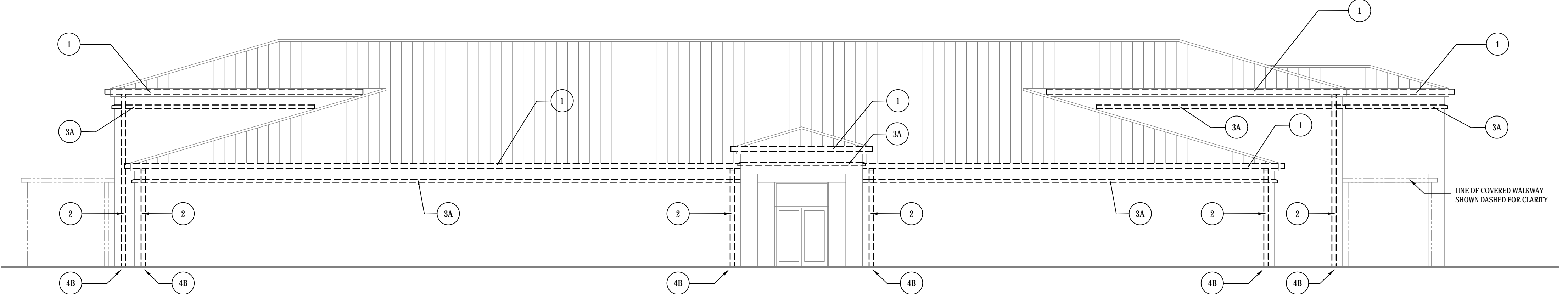
1 NORTH ELEVATION - MUSIC
SCALE: 1/8" = 1'-0"



2 EAST ELEVATION - MUSIC
SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION - MUSIC
SCALE: 1/8" = 1'-0"



4 WEST ELEVATION - MUSIC
SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

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2. SCHEDULING - SCHEDULE DEMOLITION WORK WITH OWNER'S PROJECT MANAGER PRIOR TO START OF WORK TO MAXIMIZE PRODUCTIVITY.
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11. THE CONTRACTOR SHALL COORDINATE ALL TRADES SO THAT MECHANICAL EQUIPMENT AND SPACES ARE USED IN THE MOST EFFICIENT WAY POSSIBLE FOR INSTALLATION, AS WELL AS SERVICE ACCESS. ALL TRADES SHALL RECEIVE A COMPLETE SET OF DRAWINGS AND INFORMATION THAT AFFECTS THEIR AREA OF WORK. ANY CONFLICTS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO THE BEGINNING OF WORK.
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14. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EQUIPMENT AND UTILITY POINTS OF SERVICE.
15. CLEANING - REMOVE RUBBISH, DEBRIS AND WORKER'S FOOD ITEMS FROM THE JOB-SITE ON A DAILY BASIS.
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22. GENERAL CONTRACTOR SHALL PROVIDE SEPARATION FROM DISSIMILAR METALS IN THE INSTALLATION OF NEW GUTTERS, DOWNSPOUTS, COLLECTOR BOXES, STRAPS, FLASHINGS AND ASSOCIATED ACCESSORIES.
23. GENERAL CONTRACTOR SHALL REPLACE DAMAGED AND DETERIORATED FASCIA BOARDS AS REQUIRED FOR THE INSTALLATION OF NEW GUTTERS.

DEMOLITION KEY NOTES

- 1 REMOVE EXISTING GUTTER AND SUPPORT STRAPS. APPROPRIATE METHODS SHALL BE EMPLOYED TO ENSURE THE REMOVAL SHALL NOT CAUSE DAMAGE TO EXISTING METAL ROOF EAVE FASCIA
- 2 REMOVE EXISTING DOWNSPOUT AND SUPPORT STRAPS. APPROPRIATE METHODS SHALL BE EMPLOYED TO REMOVE STRAP FASTENERS FROM EXISTING WALL MATERIAL TO PREVENT REMOVAL/DAMAGE OF EXISTING WALL MATERIAL.
- 3A REMOVE EXISTING DECORATIVE FOAM BANDING FROM FACE OF WALL. MECHANICALLY REMOVE REMAINING FOAM PIECES LEFT TO WALL
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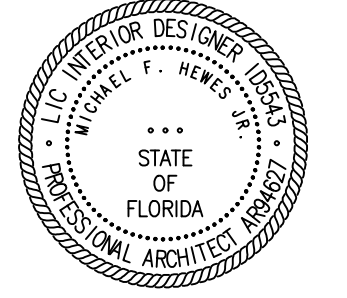
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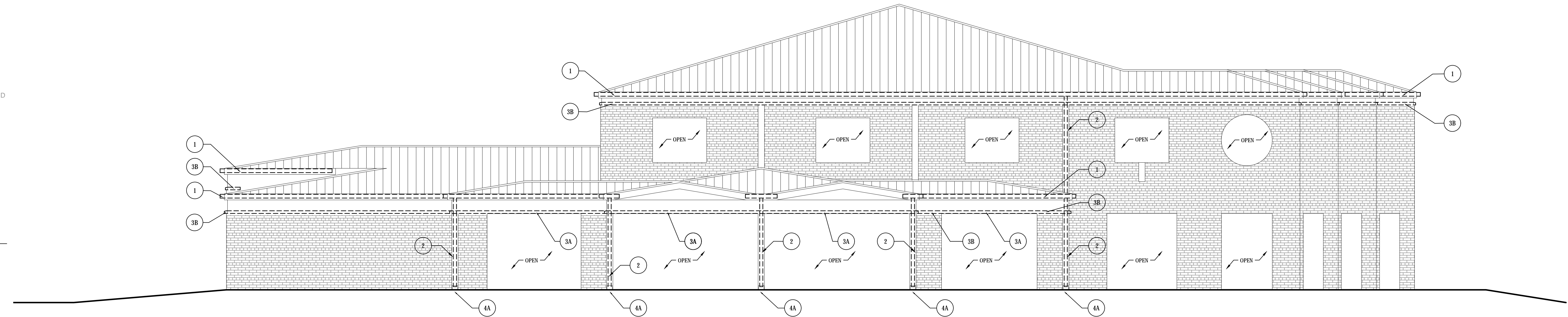
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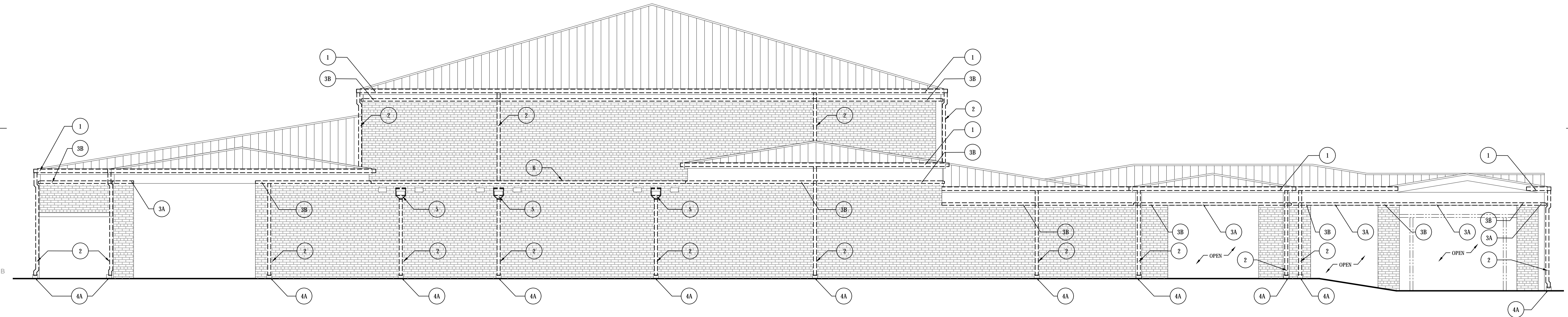
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EXTERIOR ELEVATIONS DEMOLITION

AD-201



5 NORTH ELEVATION - CAFETERIA
 SCALE: 1/8" = 1'-0"



6 EAST ELEVATION - CAFETERIA
 SCALE: 1/8" = 1'-0"

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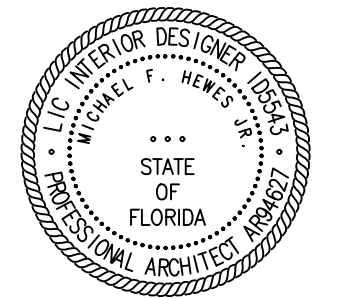
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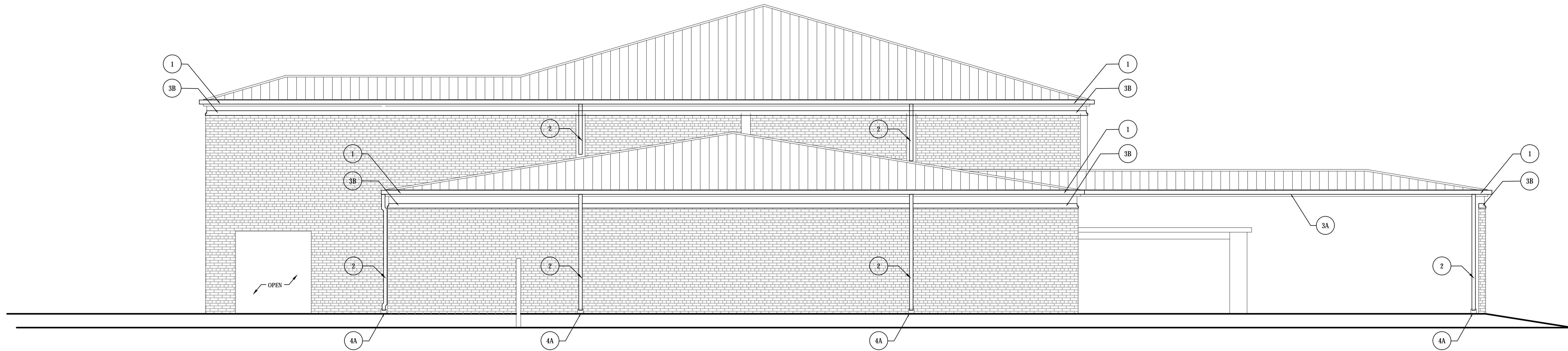
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EXTERIOR ELEVATIONS DEMOLITION

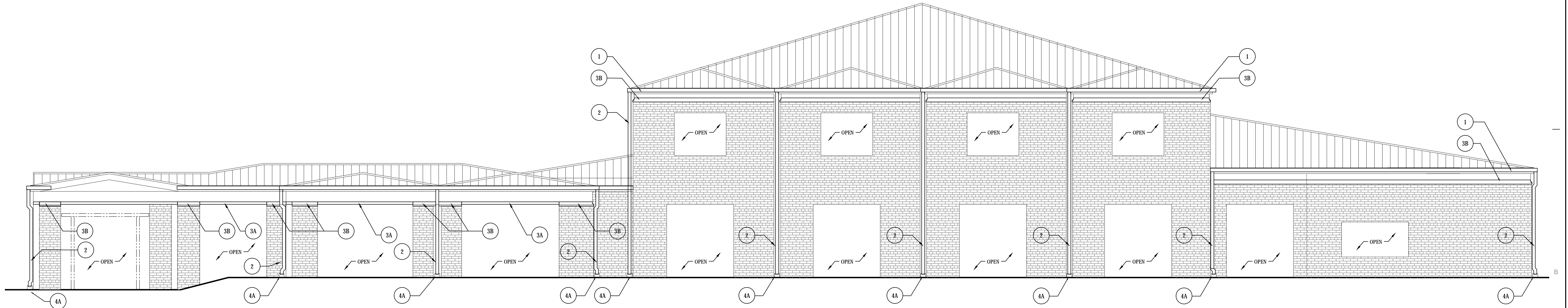
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7 SOUTH ELEVATION - CAFETERIA
SCALE: 1/8" = 1'-0"



8 WEST ELEVATION - CAFETERIA
SCALE: 1/8" = 1'-0"

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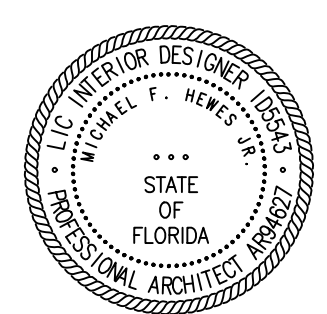
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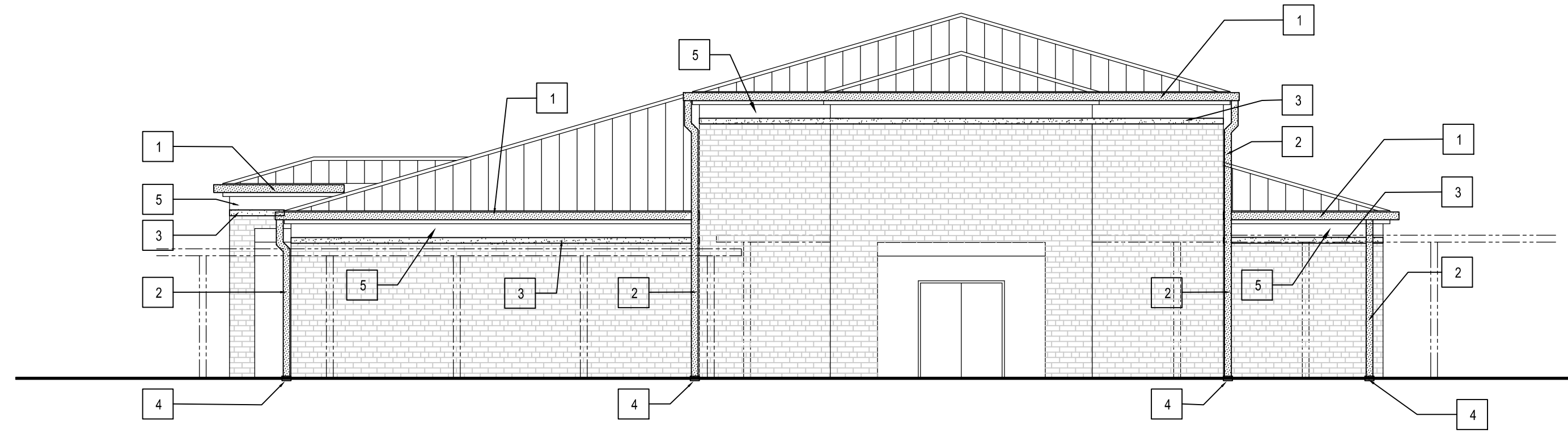
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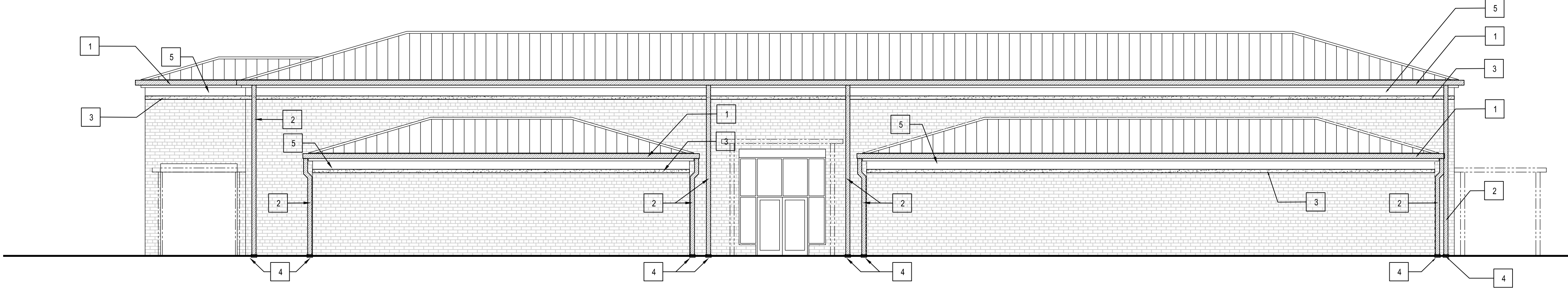
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EXTERIOR ELEVATIONS DEMOLITION

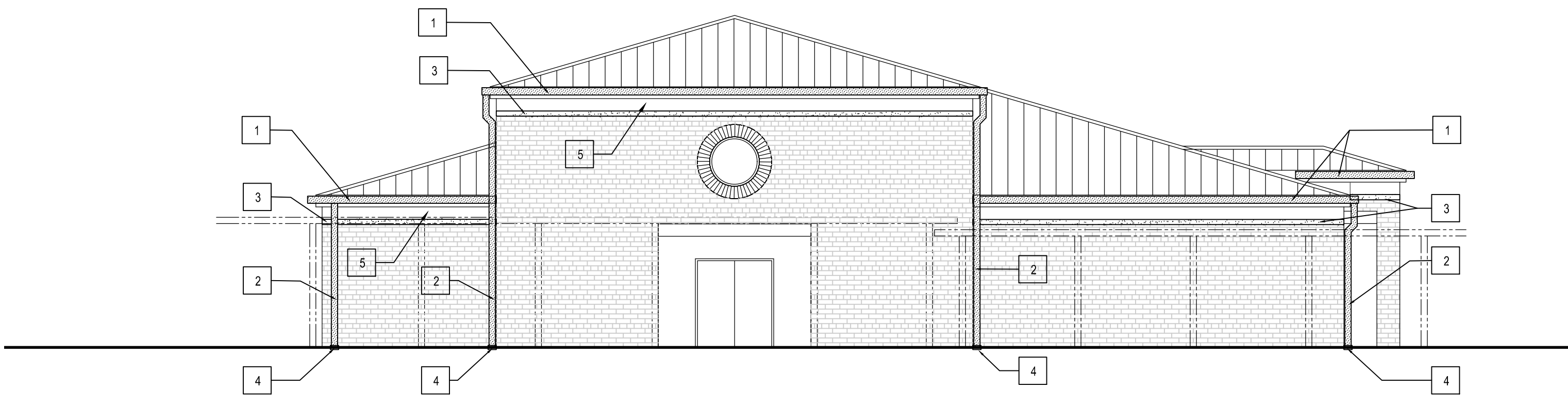
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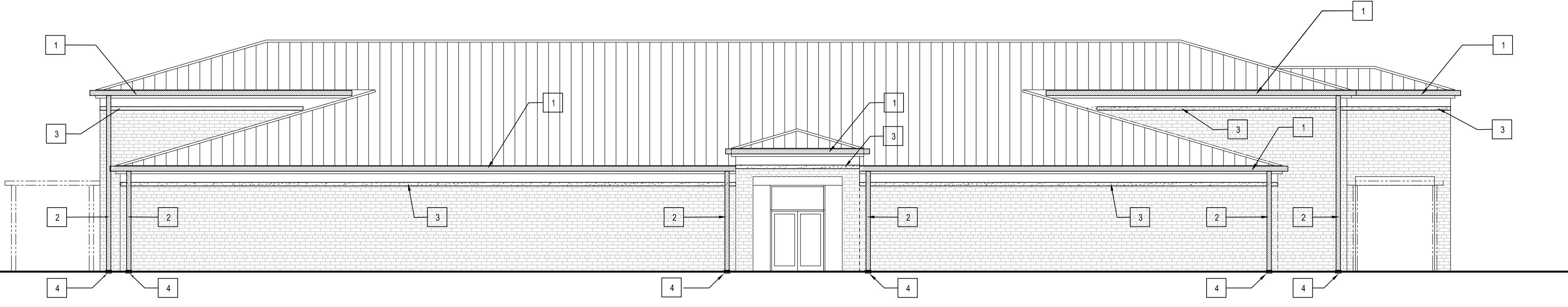
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SCALE: 1/8" = 1'-0"



2 EAST ELEVATION - MUSIC
SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION - MUSIC
SCALE: 1/8" = 1'-0"



4 WEST ELEVATION - MUSIC
SCALE: 1/8" = 1'-0"

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2017 Visa Dhs, Sls 100, West Palm Beach, FL 33411 | 772-896-4611 | www.harvardjolly.com | AAC000119

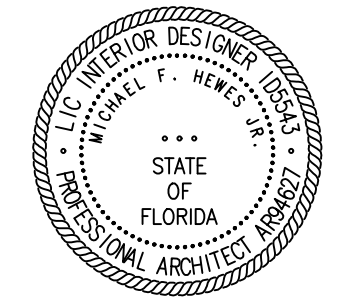
MCSD Martin County High School
Exterior Repairs/Gutter & DS Replacement
2801 S Kanner Highway, Stuart, FL 34994
Permit Documents Submittal

Comm. No: 16025.10
Date: 04/16/2019

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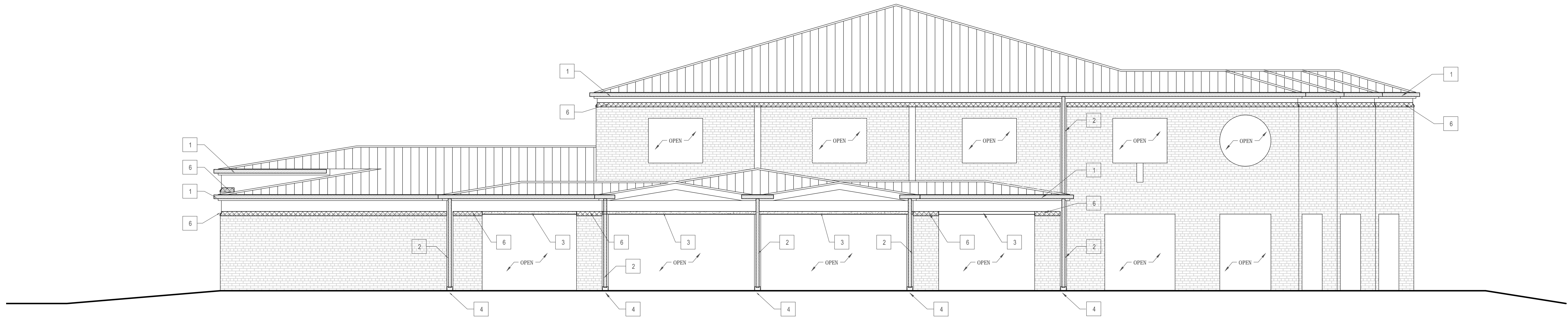
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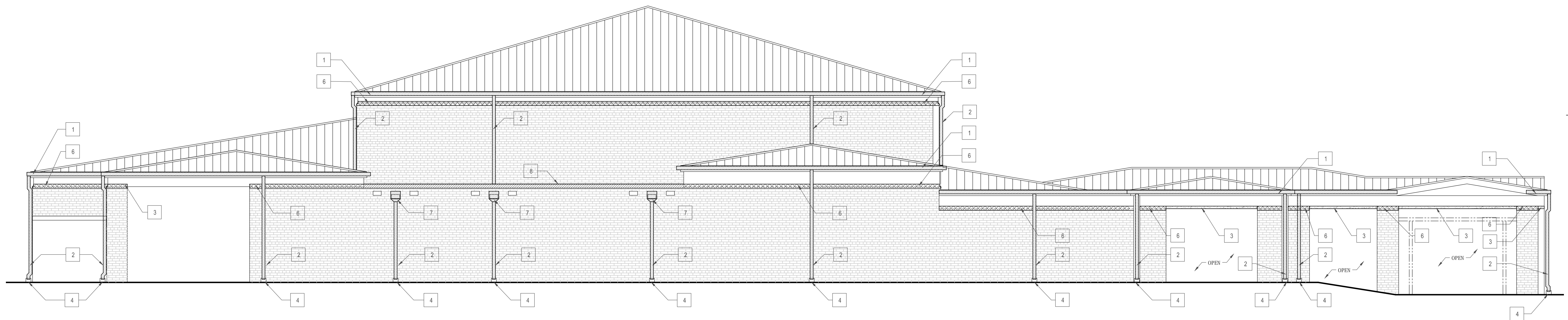


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EXTERIOR ELEVATIONS



5 NORTH ELEVATION - CAFETERIA
SCALE: 1/8" = 1'-0"



6 EAST ELEVATION - CAFETERIA
SCALE: 1/8" = 1'-0"

RENOVATION GENERAL NOTES

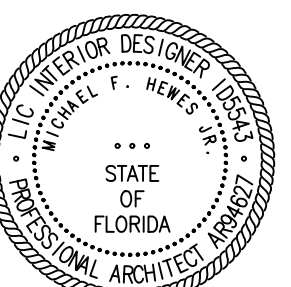
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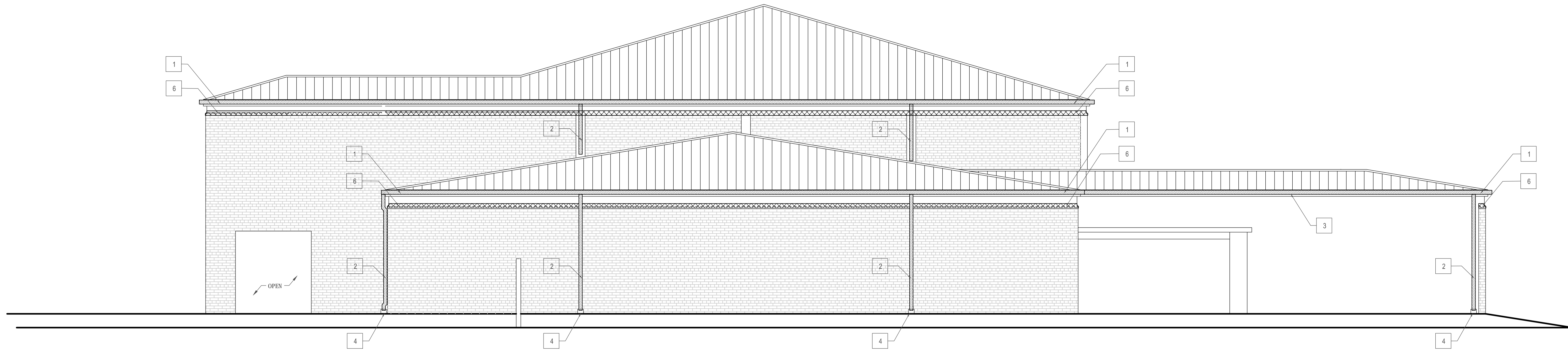


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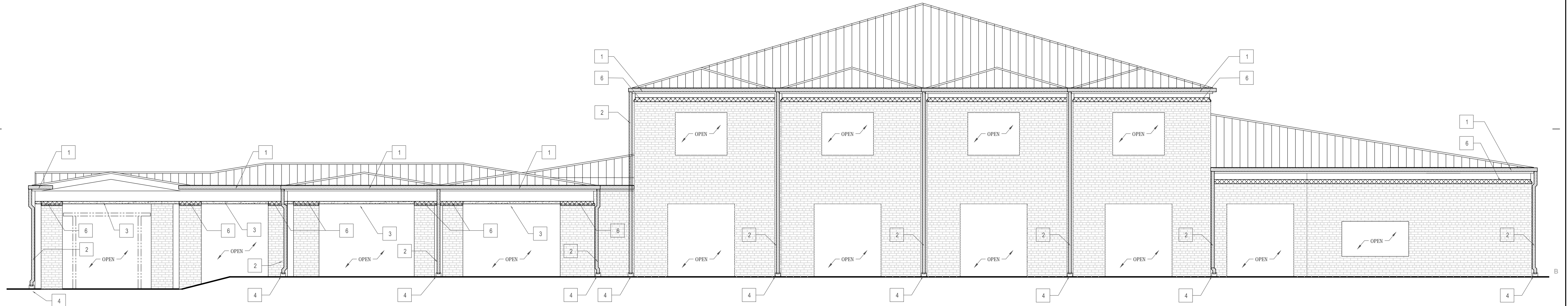
EXTERIOR ELEVATIONS

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7 SOUTH ELEVATION - CAFETERIA
SCALE: 1/8" = 1'-0"



8 WEST ELEVATION - CAFETERIA
SCALE: 1/8" = 1'-0"

RENOVATION GENERAL NOTES

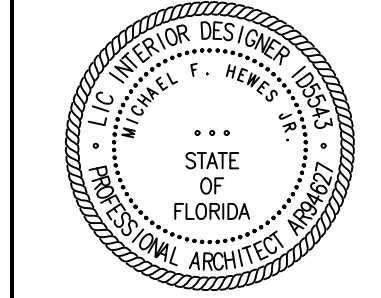
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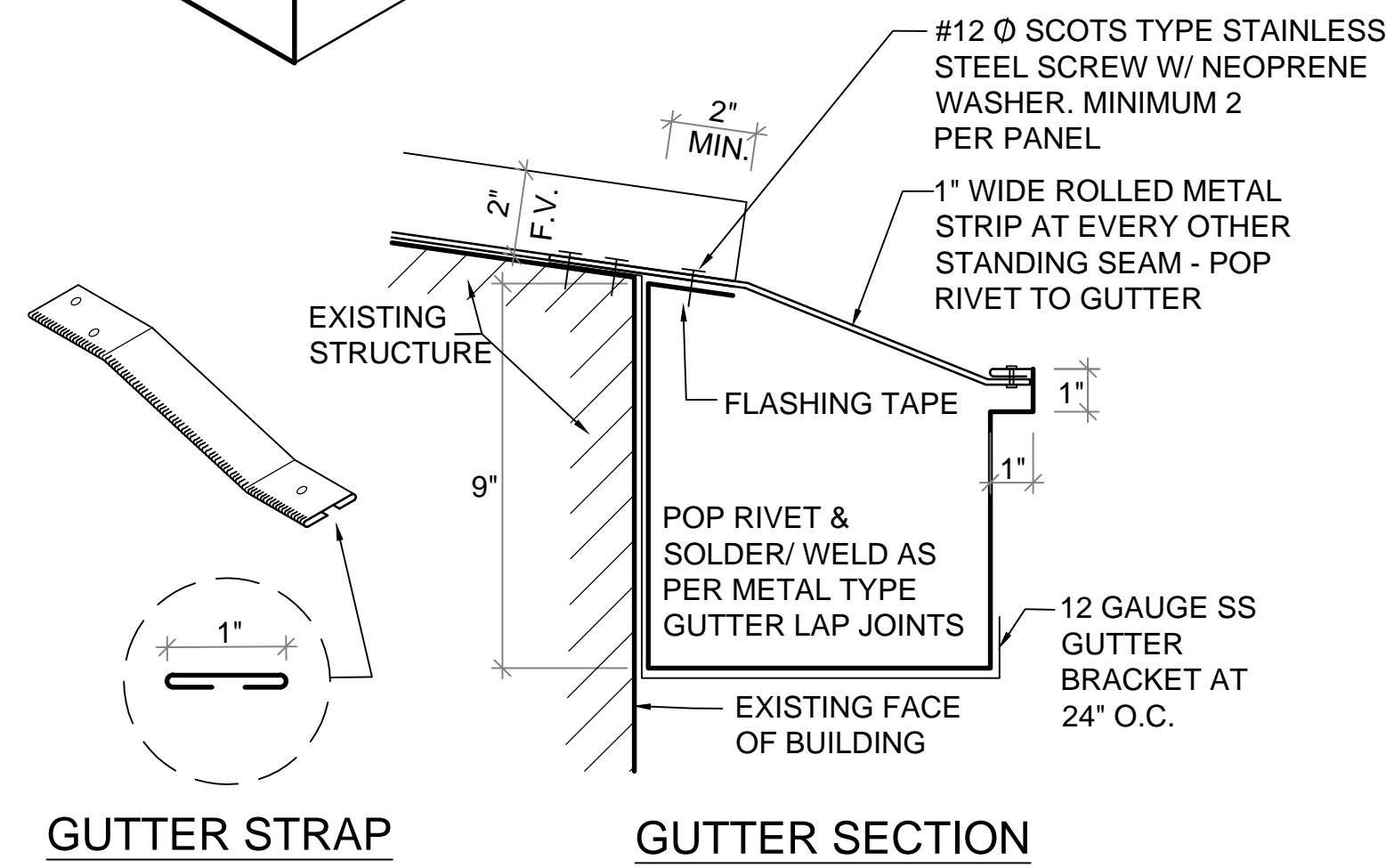
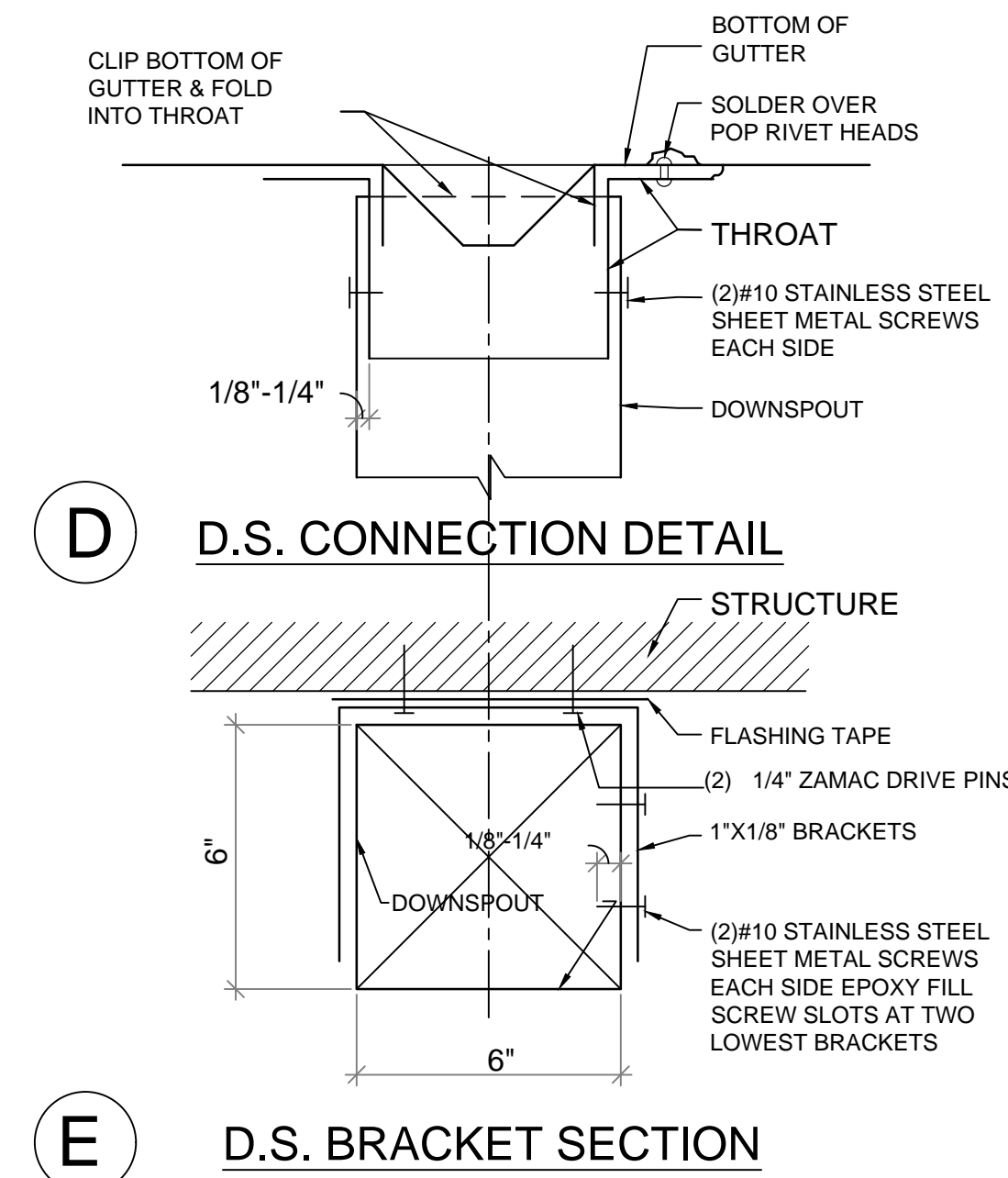
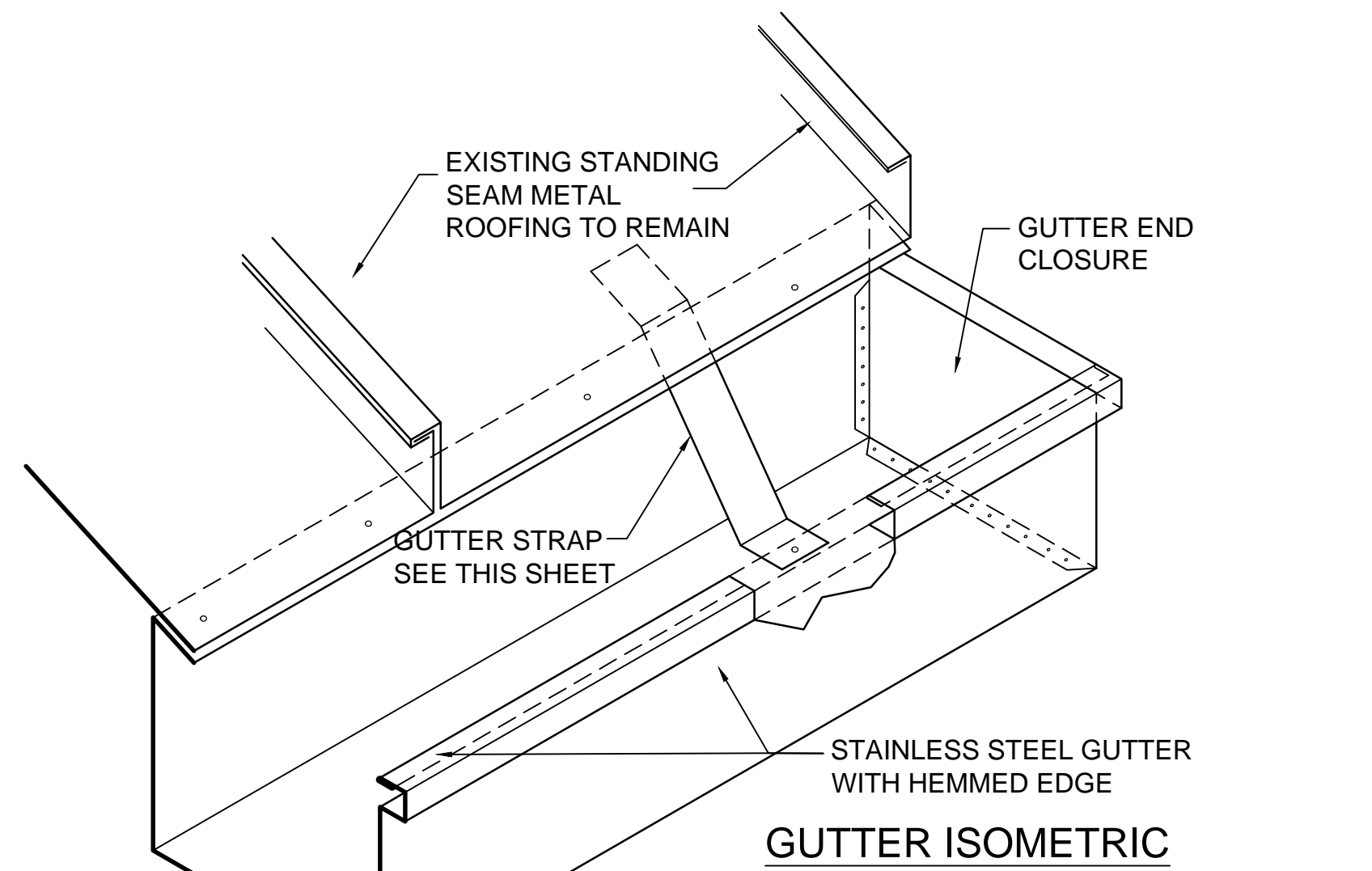
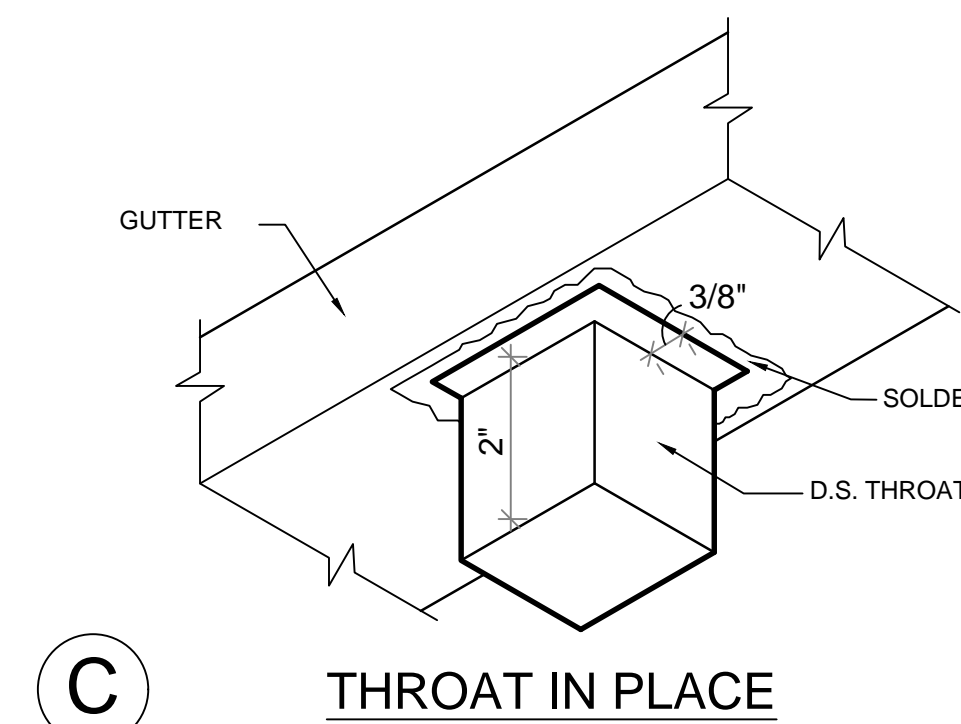
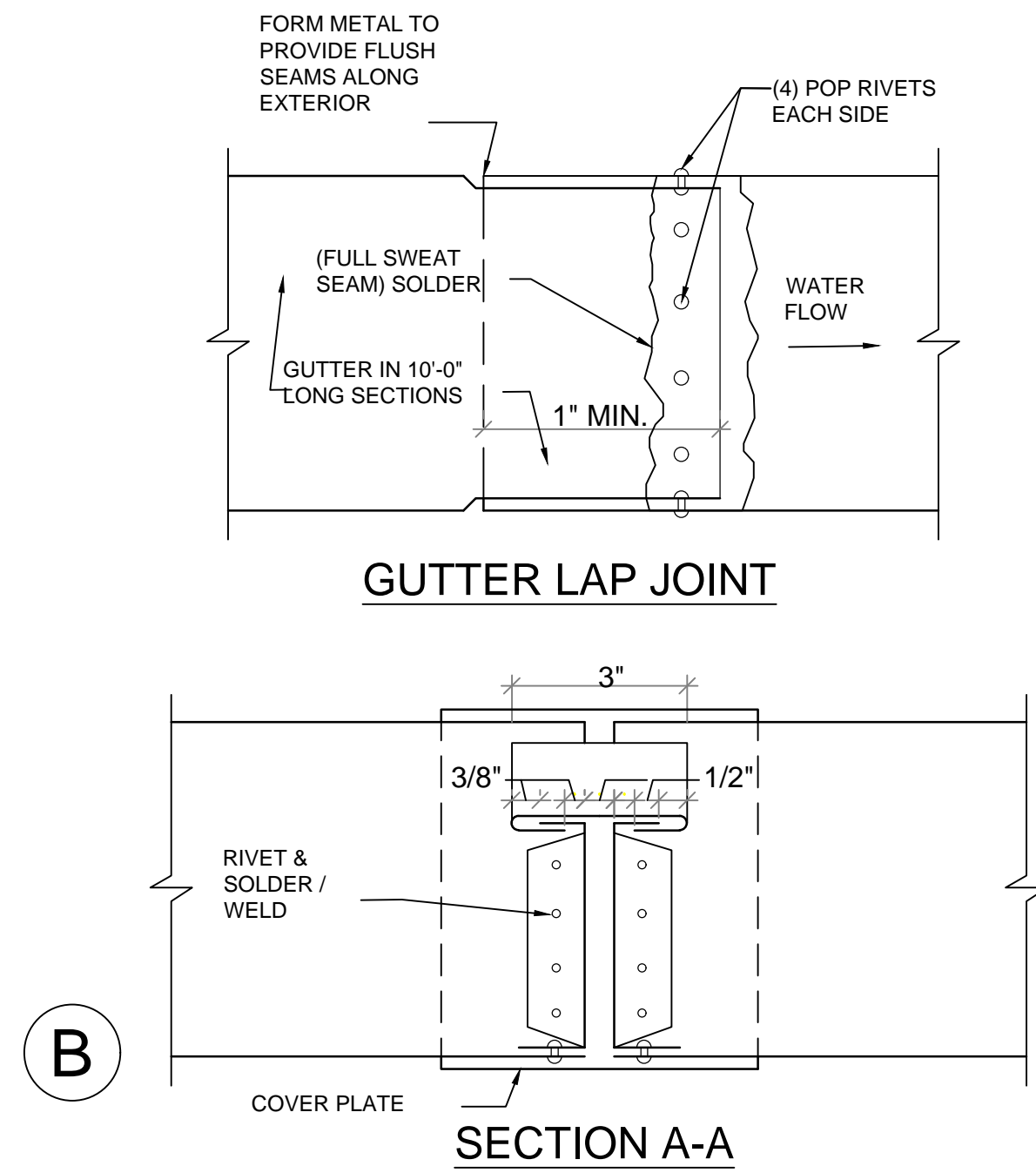
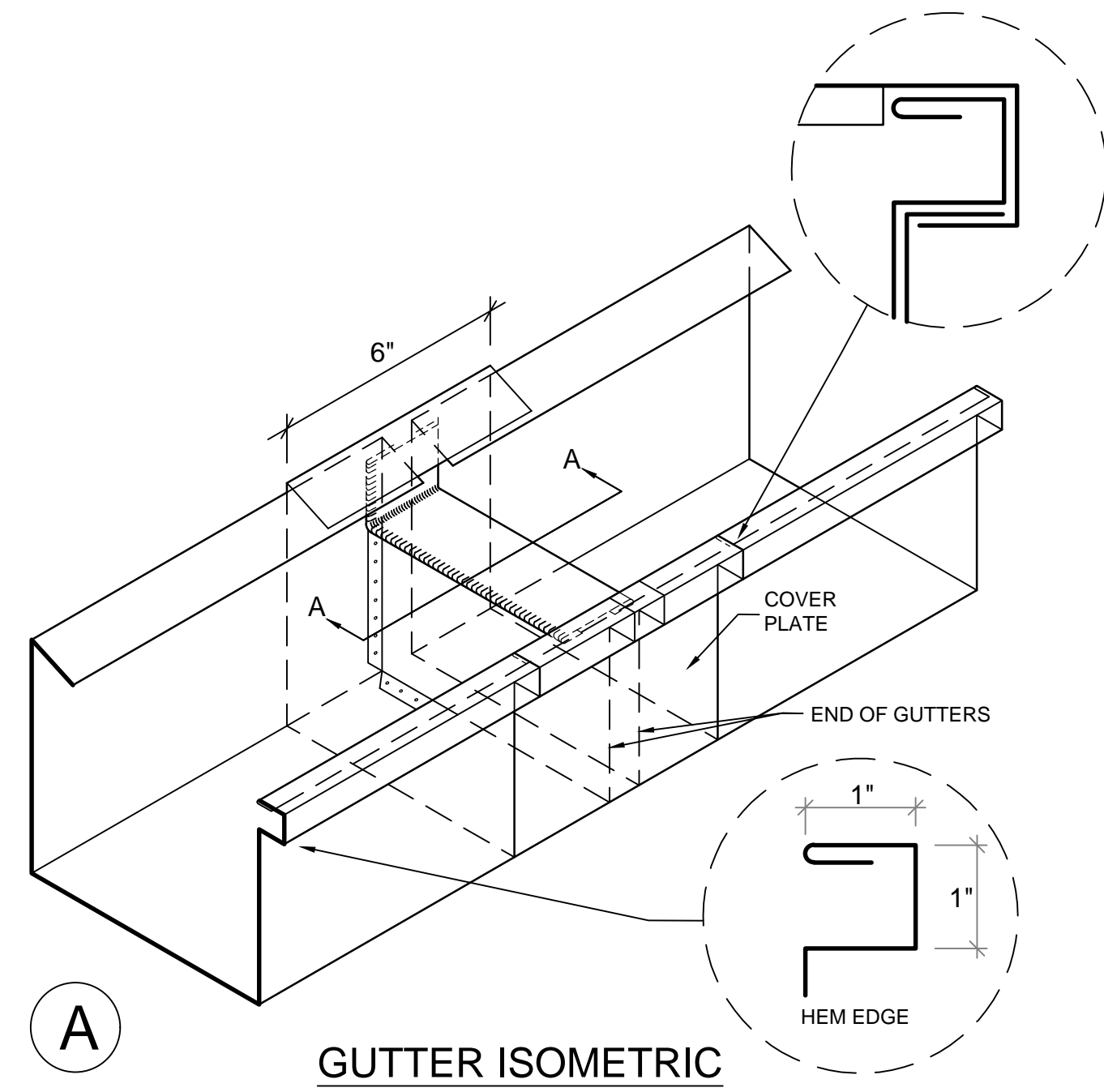
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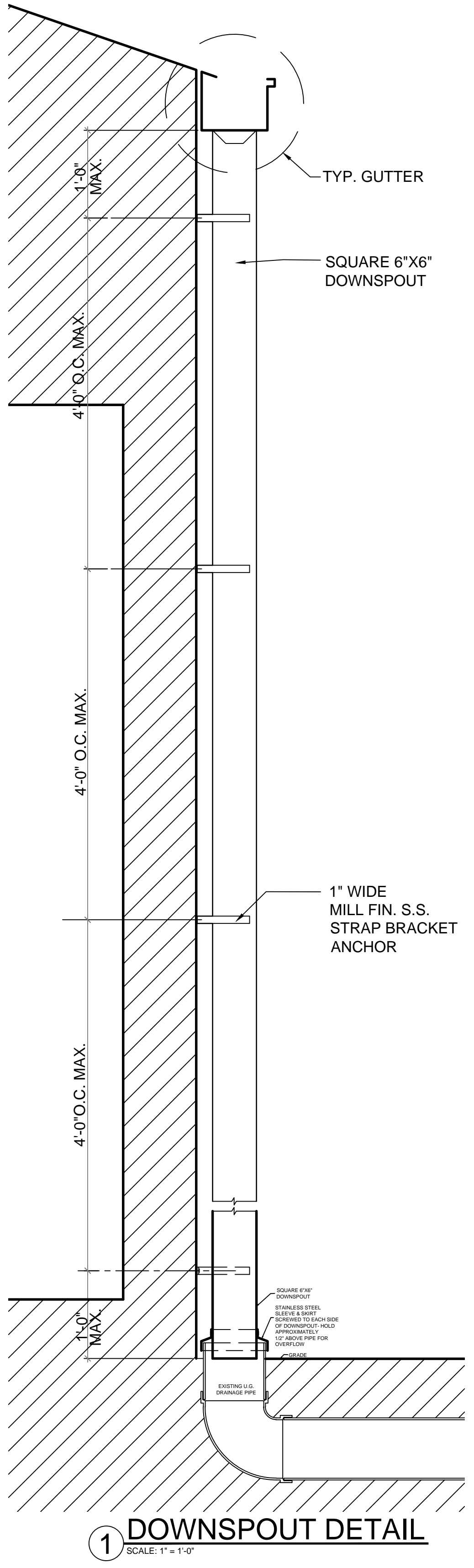
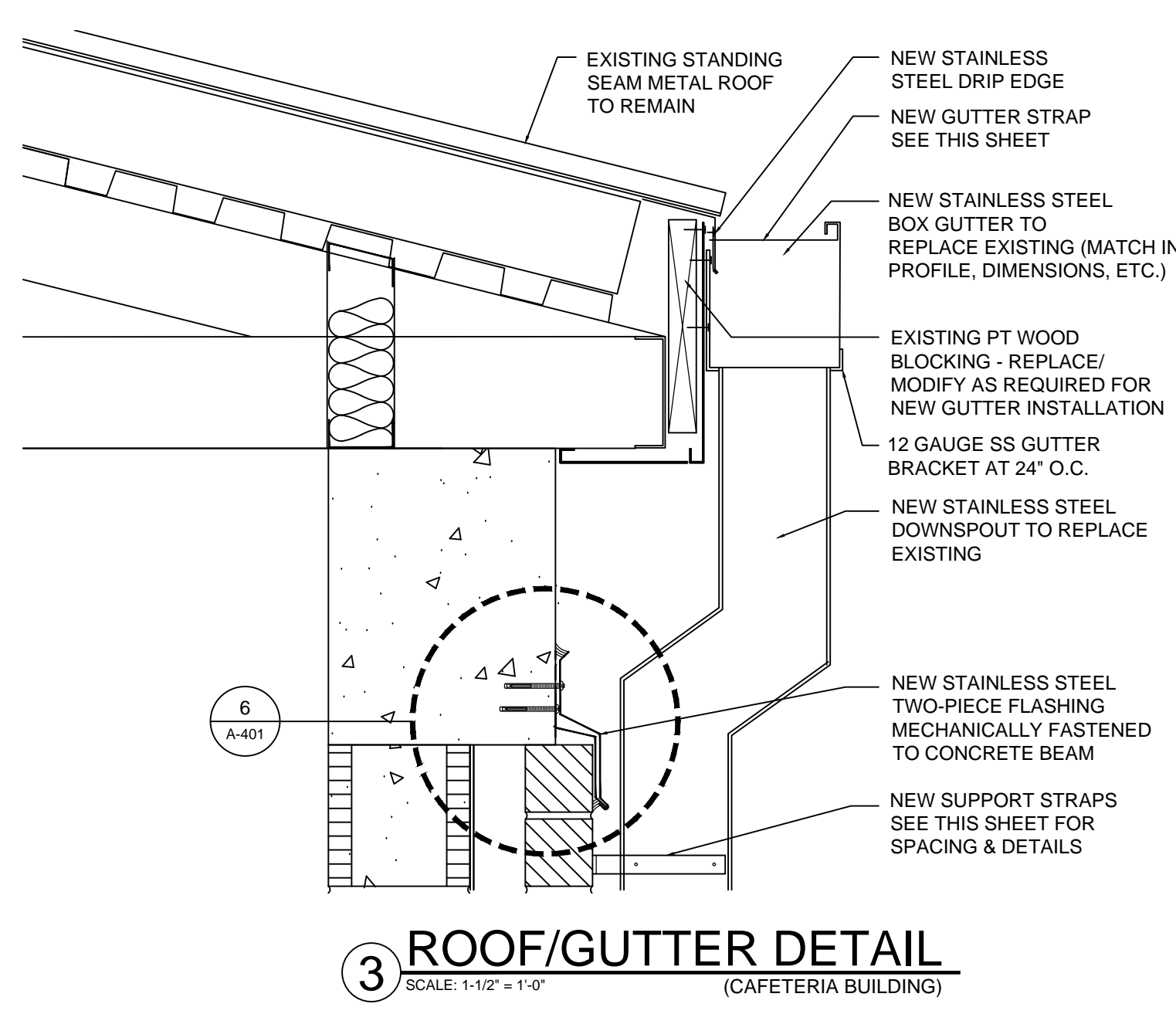
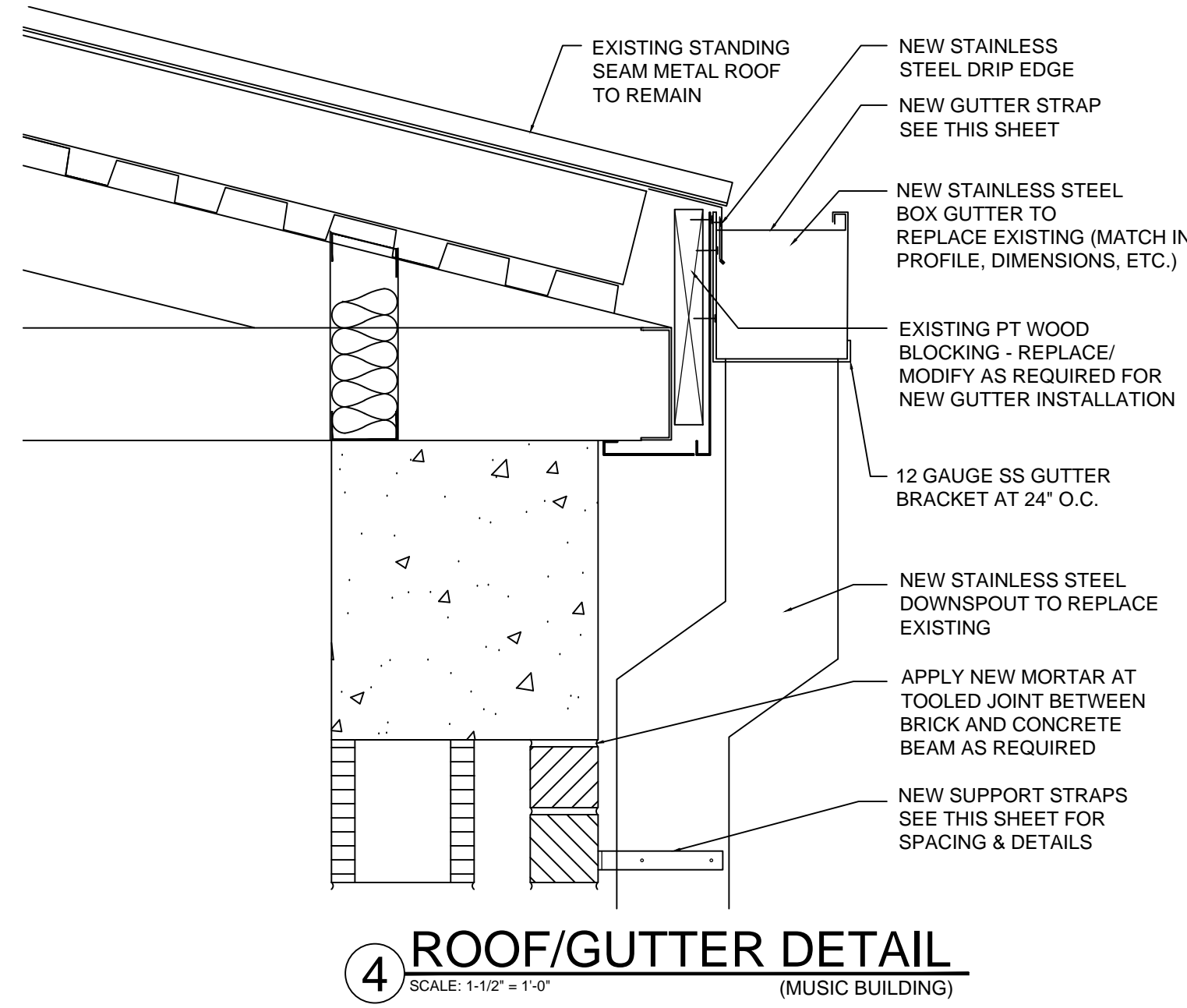
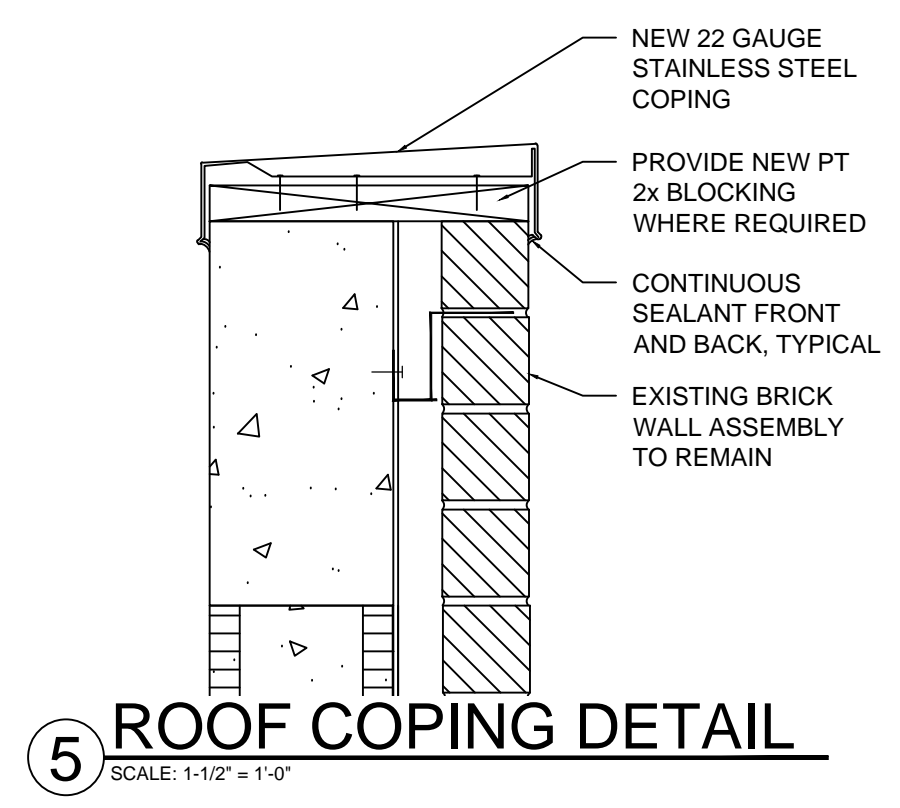
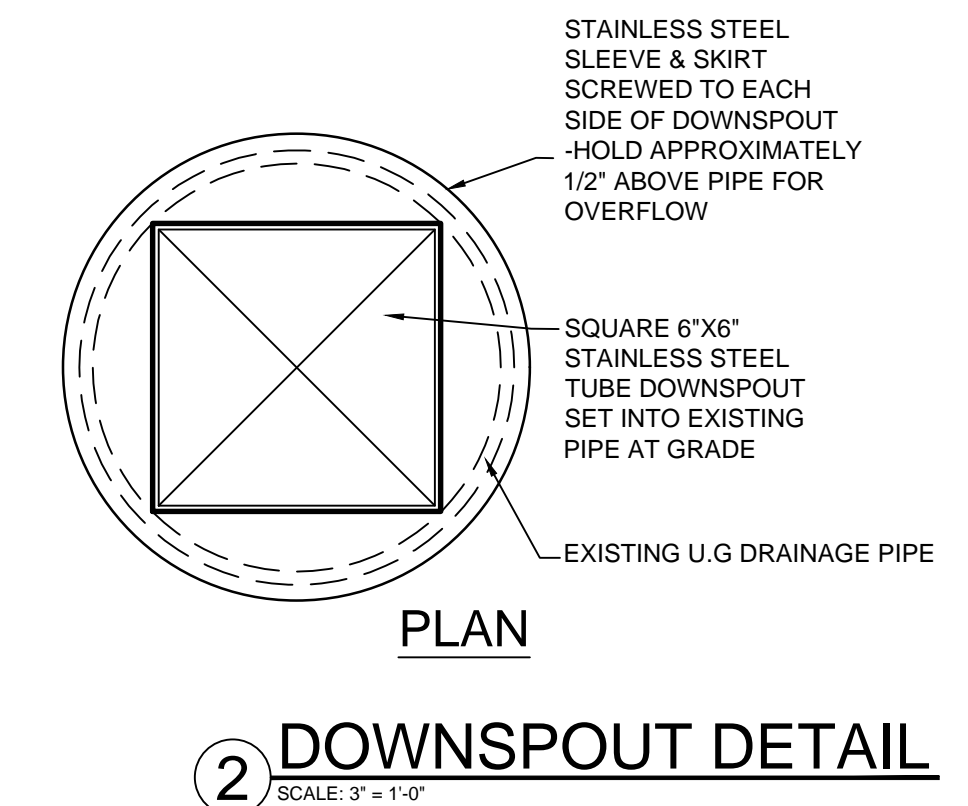
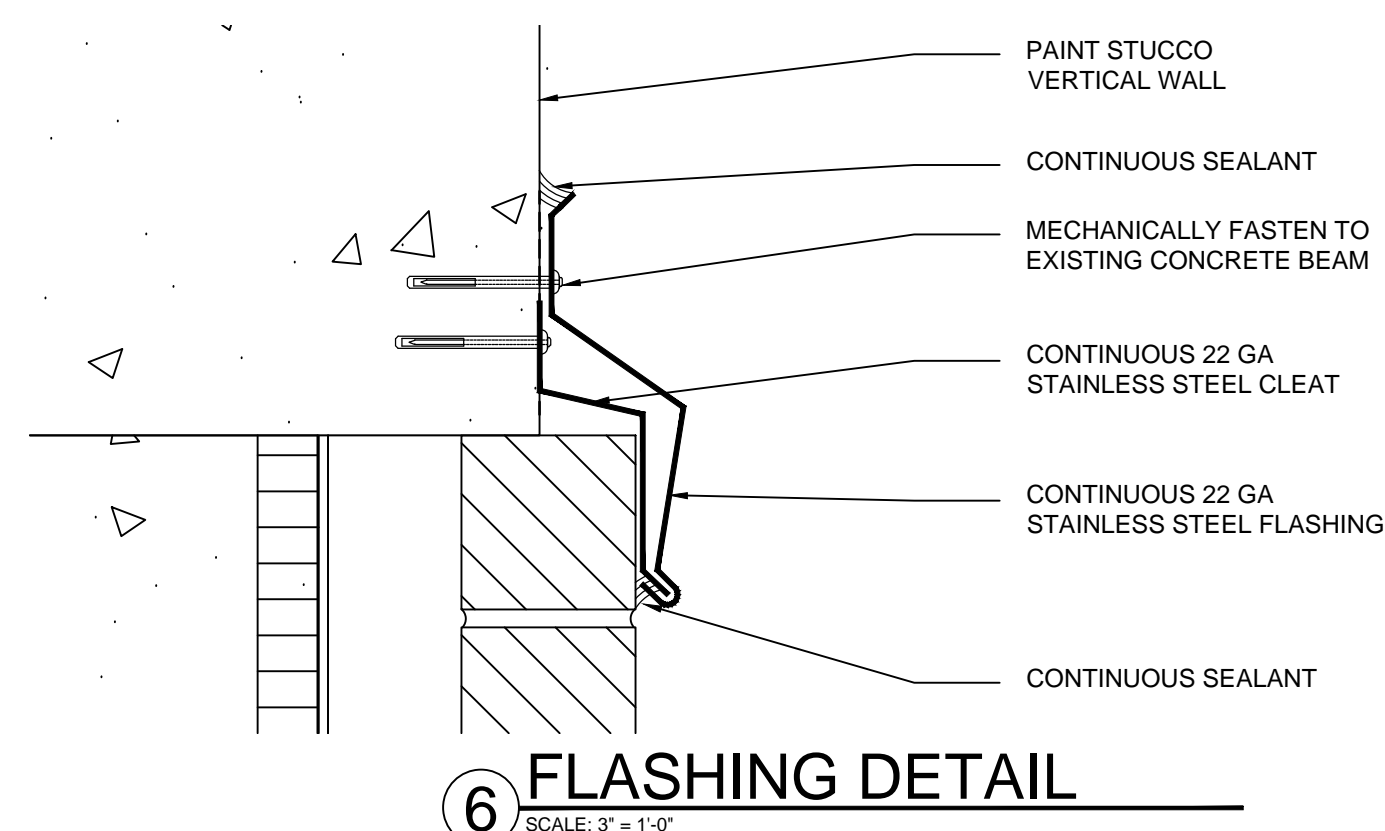


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EXTERIOR ELEVATIONS

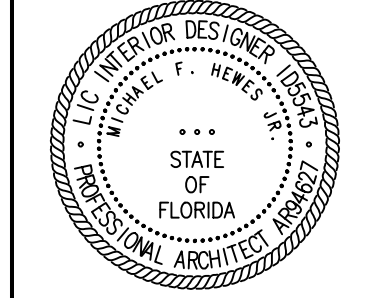


7 GUTTER DETAILS
SCALE: 3" = 1'-0"



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SECTION 01 30 00 - SPECIAL PROJECT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 REQUIREMENTS INCLUDED

A. Coordinate work of trades and schedule elements of alterations and renovation work by procedures and methods of expedite completion of the work.
B. In addition to demolition specified in Section 02 07 20, and that specifically shown, cut, move or remove items as necessary to provide access or to allow alterations and new work to proceed. Include such items as:

- 1. Repair or removal of hazardous or unsanitary conditions.
2. Removal of abandoned items and items serving no useful purpose, such as abandoned piping, conduit and wiring.
3. Removal of unusable or extraneous materials not marked for salvage, such as abandoned furnishings and equipment, and debris such as rotted wood, rusted metals and deteriorated concrete.
4. Cleaning of surfaces, and removal of surface finishes as needed to install new work and finishes.
C. Patch, repair and refinish existing items to remain, to the specified condition for each material, with a workmanlike transition to adjacent new items of construction.

1.3 RELATED SECTIONS

A. Section 01 11 00 - Summary of Work
B. Section 01 71 00 - Cleaning

C. Section 02 07 20 - Minor Demolition for Remodeling

1.4 SEQUENCE AND SCHEDULES

A. Schedule work in the sequences specified in Section 01 11 00 - Summary of Work.
B. Submit separate detailed sub-schedule for alterations work, coordinated with the Construction Schedules. Show:

- 1. Each stage of work and dates of Substantial Completion of areas, as appropriate.
2. Date of Substantial Completion for each area of alterations work, as appropriate.
3. Trades and subcontractors employed in each stage.

1.5 ALTERATIONS, CUTTING AND PROTECTION

A. Assign the work of moving, removal, cutting and patching, to trades qualified to perform the work in a manner to cause the least damage to each type of work, and provide means of returning surfaces to appearance of new work.

B. Perform cutting and removal work to remove minimum necessary, and in a manner to avoid damage to adjacent work:

1. Cut finish surfaces such as masonry, concrete, wood, tile, plaster or metals, by methods to terminate surfaces in a straight line at a natural point of division.

C. Protect from damage existing finishes, equipment, and adjacent work which is scheduled to remain:

1. Protect existing and new work from weather and extremes of temperature:
a. Maintain existing interior work above 60 degrees F, but less than 75 degrees F.
b. Provide weather protection, waterproofing, heat and humidity control as needed to prevent damage to remaining existing work and to new work.

D. Provide temporary enclosure to separate work areas from existing building, completed areas, and from areas occupied by Owner. Provide weatherproof enclosures, humidity and thermal environment necessary for Owner's operations, and wherever roof or exterior walls are penetrated. Additionally, assure that such enclosures prevent dust and debris from entering areas outside the work area.

E. Discoveries of construction, furnishings and articles having a value shall remain in possession of Owner.

- 1. Promptly notify Architect.
2. Protect discovery from damage from elements or work.
3. Architect will promptly transmit Owner's decision for disposition of discovery.
4. Contractor shall store items to be retained by Owner in a safe, dry place on site, or shall dispose of items which Owner releases.

PART 2 - PRODUCTS

2.1 PRODUCTS FOR PATCHING, EXTENDING AND MATCHING

A. General Requirements that Work Be Complete:

1. Provide same products or types of construction as that in existing structure, as needed to patch, extend or match existing work:
a. Generally, Contract Documents will not define products or standards of workmanship present in existing construction; Contractor shall determine products by inspection and any necessary testing, and workmanship by use of the existing as a sample of comparison. Contractor shall be responsible for paying all required costs for testing indicated above.
2. Presence of a product, finish, or type of construction, requires that patching, extending, or matching shall be performed as necessary to make work complete and consistent to identical standards of quality as specified for new work of like character.

PART 3 - EXECUTION

3.1 PERFORMANCE

A. Patch and extend existing work using skilled mechanics who are capable of matching existing quality of workmanship. Quality of patched or extended work shall not be less than that specified for new work.

3.2 ADJUSTMENTS

A. Where partitions are removed, patch floors, walls, and ceilings, with finish materials to match existing.

1. Where removal of partitions results in adjacent spaces becoming one, rework floors, walls and ceilings to provide smooth planes without breaks, steps or bulkheads.
2. Where extreme change of plane of two (2) inches or more occurs, request instructions from Architect/Engineer as to method of making transition.

B. Where existing floor surfaces are found to be in poor condition or are damaged, patch, repair or replace surface to be flush with existing or new floor surface prior to replacing finish flooring material.

C. Trim and refinish existing doors as necessary to clear new floors.

3.3 DAMAGED SURFACES

A. Patch and replace any portions of an existing finished surface which is found to be damaged, lifted, discolored, or shows other imperfections, with matching material:

- 1. Provide adequate support of substrate prior to patching the finish.
2. Refinish patched portions of painted or coated surfaces in a manner to produce uniform color and texture over entire surface.
3. When existing surface finish cannot be matched, refinish entire surface to nearest intersections.

B. Existing concrete surfaces that are damaged or not level shall be patched and leveled.

3.4 TRANSITION FROM EXISTING TO NEW WORK

A. When new work abuts or finishes flush with existing work, make a smooth and workmanlike transition. Patched work shall match existing adjacent work in texture and appearance so that the patch or transition is invisible at a distance of five (5) feet:

1. When finished surfaces are cut in such a way that a smooth transition with new work is not possible, terminate existing surface in a neat manner along a straight line at a natural line of division, and provide a trim appropriate to finish surface.
2. Verify with Architect as to the type or style of trim required prior to purchase or installation of such trim.

3.5 CLEANING

A. Perform Periodic and Final Cleaning as Specified in Section 017100:

- 1. Clean Owner-occupied areas daily where subject to construction dirt, dust or debris.
2. Clean spillage, overspray, and heavy collection of dust from construction operations in Owner-occupied areas immediately.
3. Clean adjacent site or public areas of construction debris, including windblown debris, on a daily basis.

B. At completion of work or each trade, clean area and make surfaces ready for work of successive trades.

C. At completion of alterations work in each area, provide final cleaning and return space to a condition suitable for use by Owner, or suitable for the next phase of construction.

END OF SECTION 01 30 00

SECTION 01 33 00 - SUBMITTAL PROCEDURES

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Submittals include shop drawings, design calculations, diagrams, illustrations, schedules, performance charts, nomenclature charts, samples, brochures, and other data prepared by the Contractor or any subcontractor, manufacturer, supplier, fabricator, or distributor and which illustrate some portion of the Project.

B. Contract Documents do not include shop drawings, vendor drawings, or any material prepared and submitted by the Contractor.

1.2 SUBMITTAL PROCEDURES

A. Prior to the initial submittal, Contractor shall submit to the Architect/Engineer a completed

B. Submittals shall be accompanied by a transmittal letter with the following information:

- 1. Project name.
2. Contractor's name.
3. Date submitted.
4. Description of items submitted; identify work and product by Specification Section.
5. Number of drawings and other pertinent data.

C. Provide blank space on each submittal for the Architect/Engineer's review stamp.

D. Submit four prints of each shop drawing.

E. Contractor shall direct specific attention on the submittal to any deviation from the Contract Documents.

1.3 CONTRACTOR RESPONSIBILITY

A. Contractor shall make all submittals in advance of installation or construction to allow the Architect/Engineer sufficient time for review.

B. Contractor shall stamp and sign each sheet of shop drawings and product data, and sign or initial each sample to certify compliance with requirements of Contract Documents. SUBMITTALS RECEIVED WITHOUT THE CONTRACTOR'S STAMP OF REVIEW WILL BE RETURNED TO THE CONTRACTOR FOR REVIEW AND RESUBMITTAL.

C. It is the Contractor's responsibility to furnish equipment, materials, and labor for the Project which meets the requirements of the codes and authorities quoted as well as the Contract Documents. Proprietary items specified herein only establish a minimum functional and aesthetic standard and it is incumbent upon the Contractor to ascertain conformance of these proprietary items or any proposed substitution with the codes and authorities.

D. By reviewing, approving and submitting shop drawings, product data, or samples, Contractor thereby represents that he has determined and verified all field measurements, field construction criteria, materials, member sizes catalog numbers, and similar data and that he has checked and coordinated shop drawings with the requirements of the Project and of the Contract Documents.

E. Work requiring shop drawings, whether called for by the Contract Documents or requested by the Contractor, shall not commence until the submission has been reviewed by the Architect/Engineer. Work may commence if the Contractor verifies the accuracy of the Architect/Engineer's corrections and notations and complies with them without exception and without requesting change in Contract Sum or Contract Time.

1.4 ARCHITECT / ENGINEER REVIEW

A. Architect/Engineer will review submittals with reasonable promptness.

B. Architect/Engineer's review or corrections refer only to the general arrangement and conformance of the subject of the submittals with the design concept of the project and with the information given in the Contract Documents. Under no conditions should the Contractor consider the review to include the dimensions, quantities, and details of the items nor the approval of an assembly in which the item functions.

C. Architect's/Engineer's review shall not relieve the Contractor from responsibility for errors or omissions in the submittals.

D. Architect/Engineer's review of submittals shall not relieve the Contractor of responsibility for any deviation from the requirements of the Contract Documents unless the Contractor has directed specific attention to the deviation at the time of submission and the Architect/Engineer has given written approval to the specific deviation.

E. Architect/Engineer's review of submittals shall not be construed as authorizing any change in the Contract Sum or Contract Time.

1.5 SHOP DRAWINGS

A. Present in a clear and thorough manner. Title each drawing with Project name and number; identify each element of drawings by reference to sheet number and detail of Contract Documents.

B. Reproduction of Contract Drawings for shop drawings is not acceptable.

C. Identify field dimensions; show relationship to adjacent or critical features of Work or products.

1.6 PRODUCT DATA

A. Submit only pages which are pertinent; mark each copy of standard printed data to identify pertinent products, referenced to Specification Section and Article number. Show reference standards, performance characteristics, and capacities; wiring and piping diagrams and controls; components parts; finishes; dimensions; and required clearances.

B. Modify manufacturer's standard schematic drawings and diagrams to supplement standard information and to provide information specifically applicable to the work. Delete information which is not applicable.

C. Provide manufacturer's preparation, assembly, and installation instructions.

1.7 SAMPLES

A. Submit full range of manufacturer's standard finishes except where more restrictive requirements are specified; indicating colors, textures, and patterns.

B. Submit samples to illustrate functional characteristics of products, including parts and attachments as required by Architect/Engineer.

C. Approved samples which are of proper size may be incorporated in Work.

D. Label each sample with identification.

E. Field Finishes: Provide full samples at Project, at location acceptable to Architect/Engineer, as required by individual Specification Section. Install each sample complete and finished. Acceptable finishes in place may be retained in completed work.

1.8 RESUBMITTALS

A. When submittals are returned to the Contractor with the Architect/Engineer's corrections the Contractor shall make the required corrections. Upon request, resubmit one corrected set.

B. Contractor shall direct specific attention on the resubmittal to all revisions including those requested by the Architect/Engineer on previous submission.

1.9 DISTRIBUTION

A. Distribute reproductions of shop drawings, copies of product data, and samples which bear the Architect/Engineer's review stamp to job site file, Record Documents file, subcontractors, suppliers, other affected contractors, and other entities requiring information.

B. Work shall be in accordance with and performed from the reviewed drawings.

PART 2 - PRODUCTS

(Not Used)

PART 3 - EXECUTION

(Not Used)

END OF SECTION 01 33 00

SECTION 01 40 00 - QUALITY REQUIREMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 SUMMARY

A. Section includes administrative and procedural requirements for quality assurance and quality control.

B. Testing and inspecting services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with the Contract Document requirements.

- 1. Specific quality-assurance and -control requirements for individual construction activities are specified in the Sections that specify those activities. Requirements in those Sections may also cover production of standard products.
2. Specified tests, inspections, and related actions do not limit Contractor's other quality-assurance and -control procedures that facilitate compliance with the Contract Document requirements.
3. Requirements for Contractor to provide quality-assurance and -control services required by Architect, Owner, or authorities having jurisdiction are not limited by provisions of this Section.
4. Specific test and inspection requirements are not specified in this Section.

1.3 DEFINITIONS

A. Quality-Assurance Services: Activities, actions, and procedures performed before and during execution of the Work to guard against defects and deficiencies and substantiate that proposed construction will comply with requirements.

B. Quality-Control Services: Tests, inspections, procedures, and related actions during and after execution of the Work to evaluate that actual products incorporated into the Work and completed construction comply with requirements. Services do not include contract enforcement activities performed by Architect.

C. Mockups: Full-size physical assemblies that are constructed on-site. Mockups are constructed to verify selections made under Sample submittals; to demonstrate aesthetic effects and, where indicated, qualities of materials and execution; to review coordination, testing, or operation; to show interface between dissimilar materials; and to demonstrate compliance with specified installation tolerances. Mockups are not Samples. Unless otherwise indicated, approved mockups establish the standard by which the Work will be judged.

- 1. Laboratory Mockups: Full-size physical assemblies constructed at testing facility to verify performance characteristics.
2. Integrated Exterior Mockups: Mockups of the exterior envelope erected separately from the building but on Project site, consisting of multiple products, assemblies, and subassemblies.
3. Room Mockups: Mockups of typical interior spaces complete with wall, floor, and ceiling finishes, doors, windows, millwork, casework, specialties, furnishings and equipment, and lighting.

D. Preconstruction Testing: Tests and inspections performed specifically for Project before products and materials are incorporated into the Work, to verify performance or compliance with specified criteria.

E. Product Testing: Tests and inspections that are performed by an NRTL, an NVLAP, or a testing agency qualified to conduct product testing and acceptable to authorities having jurisdiction, to establish product performance and compliance with specified requirements.

F. Source Quality-Control Testing: Tests and inspections that are performed at the source, e.g., plant, mill, factory, or shop.

G. Field Quality-Control Testing: Tests and inspections that are performed on-site for installation of the Work and for completed Work.

H. Testing Agency: An entity engaged to perform specific tests, inspections, or both. Testing laboratory shall mean the same as testing agency.

I. Installer/Applicator/Erector: Contractor or another entity engaged by Contractor as an employee, Subcontractor, or Sub-subcontractor, to perform a particular construction operation, including installation, erection, application, and similar operations.

1. Use of trade-specific terminology in referring to a trade or entity does not require that certain construction activities be performed by accredited or unionized individuals, or that requirements specified apply exclusively to specific trade(s).

J. Experienced: When used with an entity, individual, "experienced" means having successfully completed a minimum of five years previous projects similar in nature, size, and extent to this Project; being familiar with special requirements indicated; and having complied with requirements of authorities having jurisdiction.

1.4 CONFLICTING REQUIREMENTS

A. Referenced Standards: If compliance with two or more standards is specified and the standards establish different or conflicting requirements for minimum quantities or quality levels, comply with the most stringent requirement. Refer conflicting requirements that are different, but apparently equal, to Architect for a decision before proceeding.

B. Minimum Quantity or Quality Levels: The quantity or quality level shown or specified shall be the minimum provided or performed. The actual installation may comply exactly with the minimum quantity or quality specified, or it may exceed the minimum within reasonable limits. To comply with these requirements, indicated numeric values are minimum or maximum, as appropriate, for the context of requirements. Refer uncertainties to Architect for a decision before proceeding.

1.5 INFORMATIONAL SUBMITTALS

A. Contractor's Quality-Control Plan: For quality-assurance and quality-control activities and responsibilities.

B. Qualification Data: For Contractor's quality-control personnel.

C. Contractor's Statement of Responsibility: When required by authorities having jurisdiction, submit copy of written statement of responsibility sent to authorities having jurisdiction before starting work on the following systems:

- 1. Seismic-force-resisting system, designated seismic system, or component listed in the designated seismic system quality-assurance plan prepared by Architect.
2. Main wind-force-resisting system or a wind-resisting component listed in the wind-force-resisting system quality-assurance plan prepared by Architect.

D. Testing Agency Qualifications: For testing agencies specified in "Quality Assurance" Article to demonstrate their capabilities and experience. Include proof of qualifications in the form of a recent report on the inspection of the testing agency by a recognized authority.

E. Schedule of Tests and Inspections: Prepare in tabular form and include the following:

- 1. Specification Section number and title.
2. Entity responsible for performing tests and inspections.
3. Description of test and inspection.
4. Identification of applicable standards.
5. Identification of test and inspection methods.
6. Number of tests and inspections required.
7. Time schedule or time span for tests and inspections.
8. Requirements for obtaining samples.
9. Unique characteristics of each quality-control service.

1.6 CONTRACTOR'S QUALITY-CONTROL PLAN

A. Quality-Control Personnel Qualifications: Engage qualified full-time personnel trained and experienced in managing and executing quality-assurance and quality-control procedures similar in nature and extent to those required for Project.

B. Submittal Procedure: Describe procedures for ensuring compliance with requirements through review and management of submittal process. Indicate qualifications of personnel responsible for submittal review.

C. Testing and Inspection: In quality-control plan, include a comprehensive schedule of Work requiring testing or inspection, including the following:

- 1. Contractor-performed tests and inspections including subcontractor-performed tests and inspections. Include required tests and inspections and Contractor-elected tests and inspections.
2. Special inspections required by authorities having jurisdiction and indicated on the "Statement of Special Inspections".
3. Owner-performed tests and inspections indicated in the Contract Documents.

D. Continuous Inspection of Workmanship: Describe process for continuous inspection during construction to identify and correct deficiencies in workmanship in addition to testing and inspection specified. Indicate types of corrective actions to be required to bring work into compliance with standards of workmanship established by Contract requirements and approved mockups.

E. Monitoring and Documentation: Maintain testing and inspection reports including log of approved and rejected results. Include work Architect has indicated as nonconforming or defective. Indicate corrective actions taken to bring nonconforming work into compliance with requirements. Comply with requirements of authorities having jurisdiction.

1.7 REPORTS AND DOCUMENTS

A. Test and Inspection Reports: Prepare and submit certified written reports specified in other Sections. Include the following:

- 1. Date of issue.
2. Project title and number.
3. Name, address, and telephone number of testing agency.
4. Dates and locations of samples and tests or inspections.
5. Names of individuals making tests and inspections.
6. Description of the Work and test and inspection method.
7. Identification of product and Specification Section.
8. Complete test or inspection data.
9. Test and inspection results and an interpretation of test results.
10. Record of temperature and weather conditions at time of sample taking and testing and inspecting.
11. Comments or professional opinion on whether tested or inspected Work complies with the Contract Document requirements.
12. Name and signature of laboratory inspector.
13. Recommendations on retesting and reinspecting.

B. Manufacturer's Technical Representative's Field Reports: Prepare written information documenting manufacturer's technical representative's tests and inspections specified in other Sections. Include the following:

- 1. Name, address, and telephone number of technical representative making report.
2. Statement on condition of substrates and their acceptability for installation of product.
3. Statement that products at Project site comply with requirements.
4. Summary of installation procedures being followed, whether they comply with requirements and, if not, what corrective action was taken.
5. Results of operational and other tests and a statement of whether observed performance complies with requirements.
6. Statement whether conditions, products, and installation will affect warranty.
7. Other required items indicated in individual Specification Sections.

C. Factory-Authorized Service Representative's Reports: Prepare written information documenting manufacturer's factory-authorized service representative's tests and inspections specified in other Sections. Include the following:

- 1. Name, address, and telephone number of factory-authorized service representative making report.
2. Statement that equipment complies with requirements.
3. Results of operational and other tests and a statement of whether observed performance complies with requirements.
4. Statement whether conditions, products, and installation will affect warranty.
5. Other required items indicated in individual Specification Sections.
D. Permits, Licenses, and Certificates: For Owner's records, submit copies of permits, licenses, certifications, inspection reports, releases, jurisdictional settlements, notices, receipts for fee payments, judgments, correspondence, records, and similar documents, established for compliance with standards and regulations bearing on performance of the Work.

1.8 QUALITY ASSURANCE

A. General: Qualifications paragraphs in this article establish the minimum qualification levels required; individual Specification Sections specify additional requirements.

B. Manufacturer Qualifications: A firm experienced in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.

C. Fabricator Qualifications: A firm experienced in producing products similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.

D. Installer Qualifications: A firm or individual experienced in installing, erecting, or assembling work similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.

E. Professional Engineer Qualifications: A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for installations of the system, assembly, or product that are similar in material, design, and extent to those indicated for this Project.

F. Specialists: Certain Specification Sections require that specific construction activities shall be performed by entities who are recognized experts in those operations. Specialists shall satisfy qualification requirements indicated and shall be engaged for the activities indicated.

1. Requirements of authorities having jurisdiction shall supersede requirements for specialists.

G. Manufacturer's Technical Representative Qualifications: An authorized representative of manufacturer who is trained and approved by manufacturer to observe and inspect installation of manufacturer's products that are similar in material, design, and extent to those indicated for this Project.

H. Factory-Authorized Service Representative Qualifications: An authorized representative of manufacturer who is trained and approved by manufacturer to inspect installation of manufacturer's products that are similar in material, design, and extent to those indicated for this Project.

I. Owner Responsibilities: Where quality-control services are indicated as Owner's responsibility, Owner will engage a qualified testing agency to perform these services.

1. Owner will furnish Contractor with names, addresses, and telephone numbers of testing agencies engaged and a description of types of testing and inspecting they are engaged to perform.

2. Payment for these services will be made from testing and inspecting allowances, as authorized by Change Orders.

3. Costs for retesting and re-inspecting construction that replaces or is necessitated by work that failed to comply with the Contract Documents will be charged to Contractor.

J. Contractor Responsibilities: Tests and inspections not explicitly assigned to Owner are Contractor's responsibility. Perform additional quality-control activities required to verify that the Work complies with requirements, whether specified or not.

1. Unless otherwise indicated, provide quality-control services specified and those required by authorities having jurisdiction. Perform quality-control services required of Contractor by authorities having jurisdiction, whether specified or not.
2. Where services are indicated as Contractor's responsibility, engage a qualified testing agency to perform these quality-control services.
a. Contractor shall not employ same entity engaged by Owner, unless agreed to in writing by Owner.

3. Notify testing agencies at least 24 hours in advance of time when Work that requires testing or inspecting will be performed.

4. Where quality-control services are indicated as Contractor's responsibility, submit a certified written report, in duplicate, of each quality-control service.

5. Testing and inspecting requested by Contractor and not required by the Contract Documents are Contractor's responsibility.
6. Submit additional copies of each written report directly to authorities having jurisdiction, when they so direct.

K. Manufacturer's Field Services: Where indicated, engage a factory-authorized service representative to inspect field-assembled components and equipment installation, including service connections. Report results in writing as specified in Section 013300 "Submittal Procedures".

L. Manufacturer's Technical Services: Where indicated, engage a manufacturer's technical representative to observe and inspect the Work. Manufacturer's technical representative's services include participation in pre-installation conferences, examination of substrates and conditions, verification of materials, observation of Installer activities, inspection of completed portions of the Work, and submittal of written reports.

M. Coordination: Coordinate sequence of activities to accommodate required quality-assurance and -control services with a minimum of delay and to avoid necessity of removing and replacing construction to accommodate testing and inspecting.

- 1. Schedule times for tests, inspections, obtaining samples, and similar activities.

PART 3 - EXECUTION

3.1 TEST AND INSPECTION LOG

A. Test and Inspection Log: Prepare a record of tests and inspections. Include the following:

- 1. Date test or inspection was conducted.
2. Description of the Work tested or inspected.
3. Date test or inspection results were transmitted to Architect.
4. Identification of testing agency or special inspector conducting test or inspection.

3.2 REPAIR AND PROTECTION

A. General: On completion of testing, inspecting, sample taking, and similar services, repair damaged construction and restore substrates and finishes.

- 1. Provide materials and comply with installation requirements specified in other Specification Sections or matching existing substrates and finishes. Restore patched areas and extend restoration into adjoining areas with durable seams that are as invisible as possible. Comply with the Contract Document requirements for cutting and patching in Section 01 72 29.

B. Protect construction exposed by or for quality-control service activities.

C. Repair and protection are Contractor's responsibility, regardless of the assignment of responsibility for quality-control services.

END OF SECTION 01 40 00

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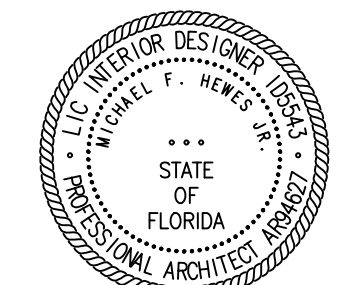
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Date: 04/16/2019

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TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.



SECTION 01 41 00 - REGULATORY REQUIREMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 CODE REQUIREMENTS

A. Perform all work on this Project in strict accordance with, but not limited to, applicable requirements and portions of the latest editions of the currently adopted codes, revisions, amendments, and their references.

1. Florida Building Code:
 - a. Florida Building Code - Building
 - b. Florida Building Code - Fuel Gas
 - c. Florida Building Code - Mechanical
 - d. Florida Building Code - Plumbing
 - e. National Electrical Code - FBC Chapter 27
 - f. FBC Referenced Codes and Standards -- Chapter 35
2. Florida Fire Prevention Code, Ch. 69A-60, Florida Administrative Code, which includes:
 - a. NFPA 1
 - b. Referenced Mandatory Codes and Standards listed in 69A-60.005, FAC
 - c. Referenced Mandatory Codes and Standards listed in NFPA 101
3. U.S. Access Board, Americans with Disabilities Act Architectural Guidelines, July 23, 2004, accessibility requirements for children
4. State Fire Marshal's rule 69A-58 FAC

1.3 CODE STANDARDS

A. All work shall conform to applicable portions of the adopted, or the latest edition of the standards listed, which shall include, but is not limited to, the following:

1. Aluminum Association (AA)
2. American Concrete Institute (ACI)
3. American Institute of Steel Construction (AISC)
4. American National Standards Institute (ANSI)
5. American Society for Testing and Materials (ASTM)
6. American Society of Mechanical Engineers (ASME)
7. American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
8. American Welding Society (AWS)
9. Architectural Woodworking Institute (AWI)
10. Architectural Aluminum Manufacturer's Association (AAMA)
11. Commercial Standards (CS)
12. Federal Specifications and Standards (FSS)
13. National Occupations Safety and Health Administration (OSHA)
14. National Institute for Standards and Technology (NIST)
15. Architectural Sheet Metal Manual (SMACNA)
16. Underwriter's Laboratories (UL)
17. U.S. of America Standards Institute (ASI)
18. U.S. Department of Commerce Product Standards (USDCPS)

1.4 CODE DISCREPANCIES

A. In case of discrepancy between the codes, standards, and specifications listed, the most strict or most stringent requirement shall govern.

1.5 COMPLIANCE WITH CODES

A. A permit issued by the Building Department having jurisdiction will be construed as permission to proceed with construction, and not as authority to violate, cancel, alter, or set aside any of the provisions of any Codes.
B. Nor shall issuance of a permit prevent the Building Official from thereafter requiring a correction of errors in plans, construction, or violations of any Codes.

PART 2 - PRODUCTS

(Not Used)

PART 3 - EXECUTION

(Not Used)

END OF SECTION 01 41 00

SECTION 01 60 00 - PRODUCT REQUIREMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 SUMMARY

A. Section includes administrative and procedural requirements for selection of products for use in Project; product delivery, storage, and handling; manufacturers' standard warranties on products; special warranties; and comparable products.

1.3 DEFINITIONS

- A. Products: Items obtained for incorporating into the Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes the terms "material," "equipment," "system," and terms of similar intent.
1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation shown or listed in manufacturer's published product literature that is current as of date of the Contract Documents.
 2. New Products: Items that have not previously been incorporated into another project or facility. Products salvaged or recycled from other projects are not considered new products.
 3. Comparable Product: Product that is demonstrated and approved through submittal process to have the indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product.
- B. Basis-of-Design Product Specification: A specification in which a specific manufacturer's product is named and accompanied by the words "basis-of-design product," including make or model number or other designation, to establish the significant qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics for purposes of evaluating comparable products of additional manufacturers named in the specification.

1.4 ACTION SUBMITTALS

A. Comparable Product Requests: Submit request for consideration of each comparable product. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.

1. Include data to indicate compliance with the requirements specified in "Comparable Products" Article.

2. Architect's Action: If necessary, Architect will request additional information or documentation for evaluation within one week of receipt of a comparable product request. Architect will notify Contractor of approval or rejection of proposed comparable product request within 10 days of receipt of request.
 - a. Form of Approval: As specified in Section 01 33 00 "Submittal Procedures".
 - b. Use product specified if Architect does not issue a decision on use of a comparable product request within time allocated.

B. Basis-of-Design Product Specification Submittal: Comply with requirements in Section 01 33 00 "Submittal Procedures." Show compliance with requirements.

1.5 QUALITY ASSURANCE

A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, select product compatible with products previously selected, even if previously selected products were also options.

1. Each Contractor is responsible for providing products and construction methods compatible with products and construction methods of other contractors.
2. If a dispute arises between contractors over concurrently selectable but incompatible products, Architect will determine which products shall be used.

1.6 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle products using means and methods that will prevent damage, deterioration, and loss, including theft and vandalism. Comply with manufacturer's written instructions.

B. Delivery and Handling:

1. Schedule delivery to minimize long-term storage at Project site and to prevent overcrowding of construction spaces.
2. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.
3. Deliver products to Project site in an undamaged condition in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.
4. Inspect products on delivery to determine compliance with the Contract Documents and to determine that products are undamaged and properly protected.

C. Storage:

1. Store products to allow for inspection and measurement of quantity or counting of units.
2. Store materials in a manner that will not endanger Project structure.
3. Store products that are subject to damage by the elements, under cover in a weathertight enclosure above ground, with ventilation adequate to prevent condensation.
4. Protect foam plastic from exposure to sunlight, except to extent necessary for period of installation and concealment.
5. Comply with product manufacturer's written instructions for temperature, humidity, ventilation, and weather-protection requirements for storage.
6. Protect stored products from damage and liquids from freezing.
7. Provide a secure location and enclosure at Project site for storage of materials and equipment by Owner's construction forces. Coordinate location with Owner.

1.7 PRODUCT WARRANTIES

A. Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.

1. Manufacturer's Warranty: Written warranty furnished by individual manufacturer for a particular product and specifically endorsed by manufacturer to Owner.
 2. Special Warranty: Written warranty required by the Contract Documents to provide specific rights for Owner.
- B. Special Warranties: Prepare a written document that contains appropriate terms and identification, ready for execution.
1. Manufacturer's Standard Form: Modified to include Project-specific information and properly executed.
 2. Specified Form: When specified forms are included with the Specifications, prepare a written document using indicated form properly executed.
 3. See other Sections for specific content requirements and particular requirements for submitting special warranties.
- C. Submittal Time: Comply with requirements in Section 017700 "Closeout Procedures".

PART 2 - PRODUCTS

2.1 PRODUCT SELECTION PROCEDURES

A. General Product Requirements: Provide products that comply with the Contract Documents, are undamaged and, unless otherwise indicated, are new at time of installation.

1. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect.
2. Standard Products: If available, and unless custom products or nonstandard options are specified, provide standard products of types that have been produced and used successfully in similar situations on other projects.
3. Owner reserves the right to limit selection to products with warranties not in conflict with requirements of the Contract Documents.
4. Where products are accompanied by the term "as selected," Architect will make selection.
5. Descriptive, performance, and reference standard requirements in the Specifications establish salient characteristics of products.
6. Or Equal: For products specified by name and accompanied by the term "or equal," or "approved equal," or "or approved," comply with requirements in "Comparable Products" Article to obtain approval for use of an unnamed product.

B. Product Selection Procedures:

1. Product: Where Specifications name a single manufacturer and product, provide the named product that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered.
2. Manufacturer/Source: Where Specifications name a single manufacturer or source, provide a product by the named manufacturer or source that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered.
3. Products:
 - a. Restricted List: Where Specifications include a list of names of both manufacturers and products, provide one of the products listed that complies with requirements. Comparable products or substitutions for Contractor's convenience will be considered.
 - b. Non-restricted List: Where Specifications include a list of names of both available manufacturers and products, provide one of the products listed, or an unnamed product, that complies with requirements. Comply with requirements in "Comparable Products" Article for consideration of an unnamed product.
4. Manufacturers:
 - a. Restricted List: Where Specifications include a list of manufacturers' names, provide a product by one of the manufacturers listed that complies with requirements. Comparable products or substitutions for Contractor's convenience will be considered.
 - b. Non-restricted List: Where Specifications include a list of available manufacturers, provide a product by one of the manufacturers listed, or a product by an unnamed manufacturer, that complies with requirements. Comply with requirements in "Comparable Products" Article for consideration of an unnamed manufacturer's product.
5. Basis-of-Design Product: Where Specifications name a product, or refer to a product indicated on Drawings, and include a list of manufacturers, provide the specified or indicated product or a comparable product by one of the other named manufacturers. Drawings and Specifications indicate sizes, profiles, dimensions, and other characteristics that are based on the product named. Comply with requirements in "Comparable Products" Article for consideration of an unnamed product by one of the other named manufacturers.

C. Visual Matching Specification: Where Specifications require "match Architect's sample", provide a product that complies with requirements and matches Architect's sample. Architect's decision will be final on whether a proposed product matches.

1. If no product available within specified category matches and complies with other specified requirements, comply with requirements in Section 012500 "Substitution Procedures" for proposal of product.

D. Visual Selection Specification: Where Specifications include the phrase "as selected by Architect from manufacturer's full range" or similar phrase, select a product that complies with requirements. Architect will select color, gloss, pattern, density, or texture from manufacturer's product line that includes both standard and premium items.

2.2 COMPARABLE PRODUCTS

A. Conditions for Consideration: Architect will consider Contractor's request for comparable product when the following conditions are satisfied. If the following conditions are not satisfied, Architect may return requests without action, except to record noncompliance with these requirements:

1. Evidence that the proposed product does not require revisions to the Contract Documents that it is consistent with the Contract Documents and will produce the indicated results, and that it is compatible with other portions of the Work.
2. Detailed comparison of significant qualities of proposed product with those named in the Specifications. Significant qualities include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements included.
3. Evidence that proposed product provides specified warranty.
4. List of similar installations for completed projects with project names and addresses and names and addresses of Architects and Owners, if requested.
5. Samples, if requested.

PART 3 - EXECUTION

(Not Used)

END OF SECTION 01 60 00

SECTION 01 71 00 - CLEANING

PART 1 - GENERAL

1.1 REQUIREMENTS INCLUDED

A. Execute cleaning during progress of the work and at completion of the work, as required by General Conditions and other portions of the Specifications.

1.2 RELATED SECTIONS

- A. Conditions of the Contract
- B. Each Specification Section - Cleaning for specific products or work.

1.3 DISPOSAL REQUIREMENTS

A. Conduct cleaning and disposal operations to comply with codes, ordinances, regulations, and anti-pollution laws.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Use only those cleaning materials which will not create hazards to health or property and which will not damage surfaces.
- B. Use only those cleaning materials and methods recommended by manufacturer of the surface material to be cleaned.
- C. Use cleaning materials only on surfaces recommended by cleaning material manufacturer.

PART 3 - EXECUTION

3.1 DURING CONSTRUCTION

- A. Execute periodic cleaning to keep the work, the site, and adjacent properties free from accumulations of waste materials, rubbish and windblown debris, resulting from construction operations.
- B. Provide on-site containers for the collection of waste materials, debris, and rubbish.
- C. Remove waste materials, debris and rubbish from the site periodically, and dispose of legal disposal areas away from the site. Pay all fees for disposal.

3.2 DUST CONTROL

- A. Perform work operations and cleaning in a manner to prevent excessive dust generation.
- B. Clean interior spaces prior to the start of finish painting and continue cleaning on an as-needed basis until painting is finished.
- C. Schedule operations so that dust and other contaminants resulting from cleaning process will not fall on wet or newly coated surfaces.

3.3 FINAL CLEANING

- A. Employ skilled workmen for final cleaning.
- B. Remove grease, mastic, adhesives, dust, dirt, stains, fingerprints, labels, and other foreign materials from sight-exposed interior and exterior surfaces.
- C. Wash and shine glazing and mirrors.
- D. Polish glossy surfaces to a clear shine.
- E. Ventilating Systems:
 1. Clean permanent filters and replace disposable filters in units were operated during construction.
 2. Clean ducts, blowers and coils if units were operated without filters during construction.
 3. Clean surfaces and blades of grilles, diffusers, registers, lenses, louvers, etc.
- F. Broom clean exterior paved surfaces; rake clean other surfaces of the grounds. Clean roof area and adjacent surfaces of any dirt or debris from construction activities.
- G. Prior to final completion, or Owner occupancy, Contractor shall conduct an inspection of sight-exposed interior and exterior surfaces, and all work areas, to verify that the entire work is clean. Inspect areas adjacent to the work area for any windblown debris and clean as necessary.

END OF SECTION 01 71 00

SECTION 01 72 00 - PROJECT RECORD DOCUMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 REQUIREMENTS INCLUDED

A. Maintain at the site for the Owner one (1) record copy of:

1. Drawings.
2. Specifications
3. Addenda
4. Change Orders and other modifications to the Contract.
5. Architect Field Orders or written instructions
6. Approved Shop Drawings, Product Data and Samples.
7. Field Test Records

B. Update Record Documents on a continual basis.

1.3 RELATED SECTIONS

A. Section 01 33 00 - Shop Drawings, Product Data and Samples

1.4 MAINTENANCE OF DOCUMENTS AND SAMPLES

A. Store documents and samples in Contractor's field office apart from documents used for construction.

1. Provide files and racks for storage of documents.
- B. File documents and samples in accordance with CS/CSC format.
- C. Maintain documents in a clean, dry, legible condition and in good order. Do not use record documents for construction purposes.
- D. Make documents and samples available at all times for inspection by Architect. Review and verify monthly, prior to submittal of Contractor's Application for Payment.

1. Owner and Architect shall review record documents prior to approval of monthly Application for Payment.

E. Update documents to record changes as the work progresses. Completed portions of work should be recorded in a clear, legible and finished manner.

F. As a minimum, update documents prior to each Application for Payment. Architect shall review documents prior to approval of Application for Payment. Failure of the Contractor to maintain record documents/as stated shall result in the non-approval of the Application for Payment.

1.5 RECORDING

A. Drawings - Legibly mark drawings to record actual construction:

1. Depths of various elements of foundation in relation to finish first floor datum.
2. Horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
3. Location of internal utilities and appurtenances concealed in the construction, referenced to visible and accessible features of the structure.
4. Field changes of dimension and detail
5. Changes made by Addenda, Supplemental Instruction, Construction Change Directive, or Change Order.
6. Details not an original Contract Drawings.

B. Specifications - Legibly mark each section to record:

1. Manufacturer, trade name, catalog number, and supplier of each product and item of equipment actually installed.
2. Changes made by Supplemental Instruction, Construction Change Directive, or Change Order.

C. Addenda - Legibly mark or post in Drawings and Specifications all items as listed in Addenda.

1.6 SUBMITTAL

A. At Contract close-out, the Contractor shall be responsible for providing an electronic PDF file of final Record Drawings and documents onto a readable portable storage unit. The Contractor shall request AutoCAD and Word electronic files of the Contract Documents from the Architect. The Contractor shall engage knowledgeable, professional personnel to produce electronic Record Documents from the received electronic files and be based on the actual construction recordings of the Work. Deliver the electronic file and two (2) sets of full-size printed Record Drawings to Architect for the Owner and Architect's records.

B. Accompany submittal with transmittal letter in duplicate, containing:

1. Date
2. Project title and number
3. Contractor's name and address
4. Title and number of each Record Document
5. Signature of Contractor or his authorized representative.

END OF SECTION 01 72 00

Filename: P:\16025.10 - MCHS Exterior Repairs\5 CAD Sheets\24-36\A Sheets\A-502 SPECIFICATIONS Plot Date: 4/16/2019 Plotted By: Michael F. Hewes, Jr.

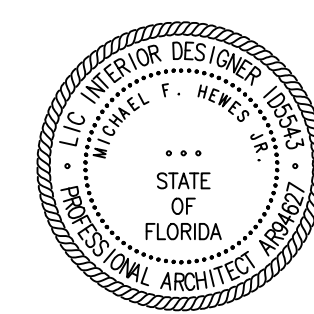
Comm. No: 16025.10

Date: 04/16/2019

Drawn: *

Revisions	
No.	Note

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS CONFORM WITH THE MINIMUM BUILDING CODES.



Michael F Hewes Jr
Architect License #AR94627
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SPECIFICATIONS

SECTION 01 72 29 - CUTTING AND PATCHING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 SECTION INCLUDES

A. The requirements and limitations for the cutting and patching of work

1.3 SUBMITTALS

A. Submit written request in advance of cutting or alteration, which affects:

- 1. The structural integrity of any element of project
2. The integrity of weather exposed or moisture resistant element
3. The efficiency, maintenance, or safety of any operational element
4. Visual qualities of sight exposed elements
5. Work of Owner or separate contractor
B. Include in request:
1. The identification of project
2. The location and description of affected work
3. The necessity for cutting or alteration
4. A description of proposed work, and products
5. Any possible alternatives to cutting and patching
6. Any effect on work of Owner or separate contractor
7. Written permission from affected separate contractor(s)
8. Proposed date and time the work starts

PART 2 - PRODUCTS

2.1 MATERIALS

A. Primary Products: Those required for original installation.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching.
B. After uncovering existing work, assess conditions affecting performance of work.
C. The Contractor beginning of cutting or patching means acceptance of existing conditions.

3.2 PREPARATION

A. Provide temporary supports to ensure structural integrity of the work.
1. Provide devices and methods to protect other portions of project from damage.
B. Provide protection from elements for areas, which may be exposed by uncovering work.
C. Maintain excavations free of water.

3.3 CUTTING

A. Execute cutting and fitting including excavation and fill to complete work.
B. Uncover work to install improperly sequenced work.
C. Remove and replace defective or non-conforming work.
D. Remove samples of installed work for testing when requested.
E. Provide openings in the work for penetration of mechanical and electrical work.
F. Employ skilled and experienced installer to perform cutting for weather exposed and moisture resistant elements, and sight-exposed surfaces.
G. Cut rigid materials using masonry saw or core drill.
1. Pneumatic tools not allowed without prior approval.

3.4 PATCHING

A. Execute patching to complement adjacent work.
B. Properly fit products together to integrate with other work.
C. Execute work by methods to avoid damage to other work and which, provide appropriate surfaces to receive patching and finishing.
D. Employ original installer to perform cutting and patching for weather exposed and moisture resistant elements, and sight-exposed surfaces.
E. Restore work with new products in accordance with requirements of Contract Documents.
F. Fit work air tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
G. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids with fire rated material, to full thickness of the penetrated element.
H. Refinish surfaces to match adjacent finish.
1. For continuous surfaces, refinish to nearest intersection or natural break.
2. For an assembly, refinish entire unit.

END OF SECTION 01 72 29

SECTION 01 74 00 - WARRANTIES AND BONDS

PART 1 - GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Compile specified warranties and bonds
B. Compile specified service and maintenance contracts
C. Co-execute submittals when so specified
D. Review submittals to verify compliance with Contract Documents
E. Submit to Architect for review and transmittal to Owner
1.2 RELATED SECTIONS
A. Instruction to Bidders - Bid or Proposal Bonds
B. Conditions of the Contract - Labor and Material Payment Bond
C. Supplementary Conditions - Maintenance Bonds
D. Conditions of the Contract - General Warranty of Construction
E. Section 01 77 00 - Contract Close-Out
F. Section 01 78 23 - Operating and Maintenance Data
G. Each respective Section of Specifications: Warranties and Bonds Required for Specific Products
H. The respective Section of Specifications which specifies the product: Provisions of Warranties and Bonds, Duration
1.3 SUBMITTAL REQUIREMENTS
A. Assemble warranties, bonds and service and maintenance contracts, executed by each of respective manufacturers, suppliers and subcontractors in accordance with General Conditions and Supplementary Conditions.
B. Number of original signed copies required: Two (2) each.
C. Table of Contents: Neatly typed, in orderly sequence. Provide complete information of each item:
1. Product of work item.
2. Firm, with name of principal, address and telephone number.
3. Scope.
4. Date of beginning of warranty, bond or service and maintenance contract.
In no case shall the date begin prior to acceptance by Architect of that portion of the work.
5. Duration of warranty, bond or service maintenance contract.
6. Provide information for Owner's personnel:
a. Proper procedure in case of failure
b. Instances which might affect the validity of warranty or bond.
c. Contractor, name of responsible principal, address and telephone number.
D. The Contractor shall assure that no products, equipment, or materials bearing asbestos shall be used or installed in the Work.

The Contractor shall submit on his letterhead the Warranty - Guarantees in the following form for all overall Projects and the work under each Section of the Specifications. The Contractor shall submit all of the Warranty-Guarantees to the Architect, as a prerequisite to the final payment. The period of time shall be one (1) year, unless otherwise noted under the various Sections.

WARRANTY - GUARANTEE

We hereby warrant and guarantee the _____ which we have installed in the _____ Project _____ year(s) from the Date of Substantial Completion.

We agree to repair or replace to the satisfaction of the Architect any or all work that may prove defective in workmanship or materials within that period, ordinary wear and tear and unusual abuse or neglect excepted, together with any other work which may be damaged or displaced in so doing.

Any repairs or replacements shall bear an additional twelve (12) months guarantee, in addition to any remaining warranty period, as herein stated, dated from the final acceptance of repairs or guarantee.

In the event of our failure to comply with the above-mentioned conditions within a reasonable time after being notified in writing, we collectively and separately do hereby authorize the Owner to proceed to have defects repaired and made good at our expense, and will pay the costs and charges therefore immediately upon demand.

(SIGNATURE OF CONTRACTOR OR SUBCONTRACTOR)

DATE: _____

(SIGNATURE OF CONTRACTOR) only where subcontractor is major signer

1.4 FORMS OF SUBMITTALS

A. Prepare in duplicate packets

B. Format:

- 1. Size: 8-1/2 x 11 punch sheets for standard 3-ring binder:
a. Folder larger sheet to fit into binders.
2. Cover: Identify each packet with typed or printed title "WARRANTIES AND BONDS". List:
a. Title of Project.
b. Location of Project
c. Name of Contractor
C. Binders: Commercial quality, 3-ring, with durable and cleanable plastic covers, all of same color.

1.5 TIME OF SUBMITTALS

A. For equipment of components parts of equipment put into service during progress of construction:
1. Submit documents within ten (10) days after inspection and acceptance.
B. Otherwise make submittals within ten (10) days after Date of Substantial Completion, prior to final request for payment.
C. For items of work where acceptance is delayed materials beyond Date of Substantial Completion, provide updated submittal within ten (10) days after acceptance, listing date of acceptance as start of warranty period.

1.6 SUBMITTALS REQUIRED

A. Submit warranties, bonds, and service and maintenance contracts as specified in respective Sections of Specifications.
B. Submit additional manufacturer's standard warranties where available at no additional cost, but not specifically indicated in respective Specification Section.

END OF SECTION 01 74 00

SECTION 01 77 00 - CONTRACT CLOSE-OUT

PART 1 - GENERAL

1.1 REQUIREMENTS INCLUDED

A. Comply with requirements stated in Conditions of the Contract and in Specifications for administrative procedures in closing out the work.

1.2 RELATED SECTIONS

- A. Conditions of the Contract - Fiscal provisions, legal submittals and additional administrative requirements.
B. Section 01 11 00 - Summary of Work
C. Section 01 71 00 - Cleaning
D. Section 01 72 00 - Project Record Documents
E. Section 01 78 23 - Operating and Maintenance Data
F. Section 01 74 00 - Warranties and Bonds
G. The respective Sections of Specifications - Close-Out Submittals required of Trades.

1.3 SUBSTANTIAL COMPLETION

- A. When Contractor considers the work is substantially complete, he shall submit to Architect:
1. A written notice that the work or designated portion thereof, is substantially complete.
2. A complete list of items to be completed or corrected.
B. Within a reasonable time after receipt of such notice, Architect will make a project review to determine the status of completion.
C. Should Architect concur that the work is substantially complete, he will:
1. Architect will promptly notify the Contractor in writing, giving the reasons therefore.
2. Contractor shall remedy the deficiencies in the work and send a second written notice of Substantial Completion to the Architect.
D. When Architect concurs that the work is substantially complete, he will:
1. Prepare a Certificate of Substantial Completion on AIA form G704, accompanied by Contractor's list of items to be completed or corrected, as verified and amended by the Architect.
2. Submit the Certificate of Owner and Contractor for their written acceptance of the responsibilities assigned to them in the Certificate.

1.4 FINAL PROJECT REVIEW

- A. When Contractor considers the work is complete, he shall submit written certification that:
1. Contract Documents have been reviewed.
2. Work has been inspected for compliance with Contract Documents.
3. Work has been completed in accordance with Contract Documents.
4. Equipment and systems have been tested in the presence of the Owner's representative and are operational.
5. Work is completed and ready for Architect's final project review.
B. Architect will make a project review visit to verify the status of completion with reasonable promptness after receipt of such certification.

C. Should Architect consider that the work is incomplete or defective:

- 1. Architect will promptly notify the Contractor's in writing, listing the incomplete or defective work.
2. Contractor shall take immediate steps to remedy the stated deficiencies and send a second written certification to Architect that the work is complete.
3. Architect will again review the corrected work.

D. When the Architect finds that the work is acceptable under the Contract Documents, he shall request the Contractor to make close-outs submittals.

1.5 ADDITIONAL REVIEW FEES

A. Should Architect perform additional project review(s) due to failure of the work to comply with either the Contract Documents or with the claims of completion made by the Contractor?

- 1. Owner shall compensate Architect of such additional services, and Contractor shall reimburse Owner by means of a deductive Change Order.

1.6 CONTRACTOR'S CLOSE-OUT SUBMITTALS TO ARCHITECT'S

- A. Evidence of compliance with requirements of governing authorities:
1. Certificate of Occupancy.
2. Certificates of Inspection:
a. Mechanical
b. Electrical
B. Project Record Documents: To requirements of Section 01 72 00.
C. Operating and Maintenance Data Instruction to Owner's Personnel: To requirements of Section 01 78 23.
D. Warranties and Bonds: To requirements of Section 01 74 00.
E. Evidence of Payment and Release of Liens: To requirements of General and Supplementary Conditions, AIA Forms G706 and G706A.
F. Certificate of Insurance for products and completed operations, including continuing insurance coverage complying with requirements.
G. Submit updated final statement, accounting for additional (final) changes to Contract Sum.
H. Contractor's written warranty for minimum of one (1) year to accordance with the General Conditions.
I. Submit certified copy of Architect's/Engineer's final punch-list of itemized work to be completed or corrected, stating that each item has been completed or otherwise resolved for acceptance, endorsed and dated by Architect/Engineer.
J. Submit Consent of Surety Company to Final Payment, AIA Form G707.

1.7 FINAL ADJUSTMENT OF ACCOUNTS

- A. Submit updated final statement of accounting to Architect.
B. Statement shall reflect all adjustments to the Contract Sum:
1. The Original Contract Sum.
2. Additions and Deductions resulting from:
a. Previous Change Orders
b. Allowances
c. Unit Prices
d. Deductions for uncorrected work
e. Penalties and bonuses
f. Deductions for liquidated damages
g. Deductions for additional review fees
h. Other adjustments
3. Total Contract Sum, as adjusted
4. Previous payments
5. Sum remaining due
C. Architect will prepare a final Change Order reflecting approved adjustments to the Contract Sum which were not previously made by Change Orders.

1.8 FINAL APPLICATION FOR PAYMENT

A. Contractor shall submit the final Application of Payment in accordance with procedures and requirements stated in the Conditions of the Contract.

END OF SECTION 01 77 00

SECTION 02 41 13 - SELECTIVE DEMOLITION

PART 1 GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 SECTION INCLUDES

A. Provide labor, materials, services, and equipment necessary to furnish and install work as indicated and as specified herein, which includes, but is not limited to:
1. Required demolition of designated existing elements
2. Salvage of designated items

1.3 REFERENCES

- A. Comply with NFPA 1 - Chapter 29 and NFPA 241 Standard for Safeguarding Construction Alteration and Demolition Operation 2000 Edition
B. Florida Building Code - FBC

1.4 NOTIFICATION OF OWNERS OF UTILITY LINES AND EQUIPMENT

A. Notify the Owner or local authority owning any conduits, wires, pipes, or equipment affected by demolition work.
B. Arrange for removal or relocation of affected items and pay fees or costs in conjunction with removal or relocation, except as otherwise noted.

1.5 PROTECTION

- A. Prior to starting any work on site, provide a safety plan as outlined in Section 423 FBC to the Building Department for approval.
B. Coordinate the implementation of the safety plan with the Building Department, Campus Police, School Representative, and Program Management.
C. Prior to starting demolition operations, provide necessary protection of existing spaces and items to remain.
D. Owner may be continuously occupying areas of the building immediately adjacent to areas of selective demolition. If Owner continues to occupy the facility comply with the following:
1. Conduct demolition work in a manner that will minimize need for disruption of the Owners normal operations.
2. Provide protective measures as required to provide free and safe passage of Owner's personnel and public to and from occupied portions of the facilities.
3. Provide minimum of 72 hours advance notice to Owner of demolition activities that will impact Owners normal operations.
a. Obtain specific approval from Owner for impact.
E. Owner assumes no responsibility for actual condition of items to be demolished.
1. Owner will maintain conditions at time of commencement of contract insofar as practical.
F. Protect any exposed existing finish work that is to remain during demolition operations.
G. Erect and maintain dust proof partitions, closures, and ventilator system as required preventing the spread of dust or fumes to occupied portions of the building.
1. Take whatever precautions necessary to minimize impact on occupied areas.

1.6 REGULATORY REQUIREMENTS

- A. Conform to applicable codes for demolition of structures, safety of adjacent structures, dust control, runoff, and erosion control, and disposal of demolished materials.
B. Obtain required permits from authorities having jurisdiction.
C. Notify affected utility companies before starting work and comply with their requirements.
D. Do not close or obstruct roadways, sidewalks, and hydrants, without permits.
E. Conform to applicable regulatory procedures when discovering hazardous or contaminated materials.
1. Contact the Architect and Owner immediately.
F. Test soils around buried tanks for contamination.
G. No demolition will occur during school hours without the written permission of the Owner.

1.7 EXPLOSIVES

A. The use of explosives is strictly prohibited.

PART 2 PRODUCTS - (Not applicable)

PART 3 EXECUTION

3.1 PREPARATION

- A. Verify the proper disconnection and capping of all abandoned utilities.
B. Verify that required barricades and other protective measures are in place.
C. Provide necessary shoring, bracing, and other precautions required for proper support of existing structure during cutting and demolition operations.
D. Photograph existing conditions of structure, surfaces, equipment and surrounding spaces that could be misconstrued as damage resulting from selective demolition work; submit photographs and written report of existing damage to Architect prior to starting work.
1. Contractor shall repair damage caused to existing facilities at no cost to Owner unless they can provide documentation indicating pre-existing damage.

3.2 DEMOLITION OPERATIONS

- A. Cut and remove elements and equipment as designated on Drawings.
1. Remove elements in their entirety unless otherwise indicated.
B. Execute demolition in a careful and orderly manner with least possible disturbance or damage to adjoining surfaces and structure.
C. Exercise extreme caution in cutting and demolition of portions of existing structure.
1. Obtain approval of Architect prior to cutting or removing structural members for any reason.
D. Avoid excessive vibrations in demolition procedures that may transmit through existing structure and finish materials.
E. If hazardous materials are encountered during demolition operations, comply with applicable regulations, laws, and ordinances concerning assessment, removal, handling, and protection against exposure or environmental pollution and immediately contact the District's ECO.

3.3 DISPOSAL

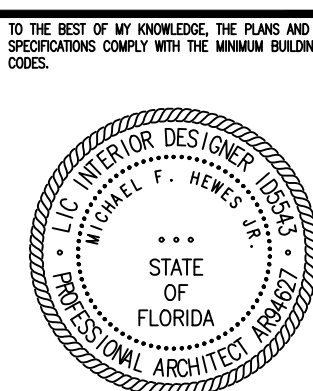
- A. Materials, equipment, and debris resulting from demolition operations shall become property of Contractor.
1. Remove demolition debris at least once each day in accordance with applicable City, State, and Federal Laws.
B. Cover debris in trucks with approved netting to prevent spillage during transportation.
C. Do not store except in approved containers or burn materials on site.
1. Remove combustible waste materials in a manner approved by local Fire Department.
2. Remove, handle, and dispose of any hazardous waste and debris in accordance with applicable City, State, and Federal Laws.
D. Transport demolition debris to off-site disposal area and legally dispose of debris.
E. Use street routes specifically designated by City for hauling debris.
F. When possible dispose of material to recycling centers.

3.4 CLEANING AND REPAIR

- A. Leave building broom clean and free of debris, ready to receive new work.
B. Repair demolition performed in excess of that required:
1. Return structures and surfaces to remain to condition existing prior to commencement of selective demolition.

END OF SECTION

Revisions table with columns for No., Date, and Note.



SECTION 02 41 13 - SELECTIVE DEMOLITION

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 SECTION INCLUDES

- A. Provide labor, materials, services, and equipment necessary to furnish and install work as indicated and as specified herein, which includes, but is not limited to:
1. Required demolition of designated existing elements
 2. Salvage of designated items

1.3 REFERENCES

- A. Comply with NFPA 1 - Chapter 29 and NFPA 241 Standard for Safeguarding Construction Alteration and Demolition Operation 2000 Edition
B. Florida Building Code - FBC

1.4 NOTIFICATION OF OWNERS OF UTILITY LINES AND EQUIPMENT

- A. Notify the Owner or local authority owning any conduits, wires, pipes, or equipment affected by demolition work.
B. Arrange for removal or relocation of affected items and pay fees or costs in conjunction with removal or relocation, except as otherwise noted.

1.5 PROTECTION

- A. Prior to starting any work on site, provide a safety plan as outlined in Section 423 FBC to the Building Department for approval.
B. Coordinate the implementation of the safety plan with the Building Department, Campus Police, School Representative, and Program Management.
C. Prior to starting demolition operations, provide necessary protection of existing spaces and items to remain.
D. Owner may be continuously occupying areas of the building immediately adjacent to areas of selective demolition. If Owner continues to occupy the facility comply with the following:
1. Conduct demolition work in a manner that will minimize need for disruption of the Owners normal operations.
2. Provide protective measures as required to provide free and safe passage of Owner's personnel and public to and from occupied portions of the facilities.
3. Provide minimum of 72 hours advance notice to Owner of demolition activities that will impact Owners normal operations.
a. Obtain specific approval from Owner for impact.
E. Owner assumes no responsibility for actual condition of items to be demolished.
1. Owner will maintain conditions at time of commencement of contract insofar as practical.
F. Protect any exposed existing finish work that is to remain during demolition operations.
G. Erect and maintain dust proof partitions, closures, and ventilator system as required preventing the spread of dust or fumes to occupied portions of the building.
1. Take whatever precautions necessary to minimize impact on occupied areas.

1.6 REGULATORY REQUIREMENTS

- A. Conform to applicable codes for demolition of structures, safety of adjacent structures, dust control, runoff, and erosion control, and disposal of demolished materials.
B. Obtain required permits from authorities having jurisdiction.
C. Notify affected utility companies before starting work and comply with their requirements.
D. Do not close or obstruct roadways, sidewalks, and hydrants, without permits.
E. Conform to applicable regulatory procedures when discovering hazardous or contaminated materials.
1. Contact the Architect and Owner immediately.
F. Test soils around buried tanks for contamination.
G. No demolition will occur during school hours without the written permission of the Owner.

1.7 EXPLOSIVES

- A. The use of explosives is strictly prohibited.

PART 2 PRODUCTS - (Not applicable)

PART 3 EXECUTION

3.1 PREPARATION

- A. Verify the proper disconnection and capping of all abandoned utilities.
B. Verify that required barricades and other protective measures are in place.
C. Provide necessary shoring, bracing, and other precautions required for proper support of existing structure during cutting and demolition operations.
D. Photograph existing conditions of structure, surfaces, equipment and surrounding spaces that could be misconstrued as damage resulting from selective demolition work; submit photographs and written report of existing damage to Architect prior to starting work.
1. Contractor shall repair damage caused to existing facilities at no cost to Owner unless they can provide documentation is indicating pre-existing damage.

3.2 DEMOLITION OPERATIONS

- A. Cut and remove elements and equipment as designated on Drawings.
1. Remove elements in their entirety unless otherwise indicated.
B. Execute demolition in a careful and orderly manner with least possible disturbance or damage to adjoining surfaces and structure.
C. Exercise extreme caution in cutting and demolition of portions of existing structure.
1. Obtain approval of Architect prior to cutting or removing structural members for any reason.
D. Avoid excessive vibrations in demolition procedures that may transmit through existing structure and finish materials.
E. If hazardous materials are encountered during demolition operations, comply with applicable regulations, laws, and ordinances concerning assessment, removal, handling, and protection against exposure or environmental pollution and immediately contact the District's ECO.

3.3 DISPOSAL

- A. Materials, equipment, and debris resulting from demolition operations shall become property of Contractor.
1. Remove demolition debris at least once each day in accordance with applicable City, State, and Federal Laws.
B. Cover debris in trucks with approved netting to prevent spillage during transportation.
C. Do not store except in approved containers or burn materials on site.
1. Remove combustible waste materials in a manner approved by local Fire Department.
2. Remove, handle, and dispose of any hazardous waste and debris in accordance with applicable City, State, and Federal Laws.
D. Transport demolition debris to off-site disposal area and legally dispose of debris.
E. Use street routes specifically designated by City for hauling debris.
F. When possible dispose of material to recycling centers.

3.4 CLEANING AND REPAIR

- A. Leave building broom clean and free of debris, ready to receive new work.
B. Repair demolition performed in excess of that required.
1. Return structures and surfaces to remain to condition existing prior to commencement of selective demolition.

END OF SECTION

SECTION 07 62 00 - FLASHING AND SHEET METAL

PART 1 GENERAL

1.1 SCOPE OF WORK

- A. Flashing, counter-flashing, roofing gunders and nailers, and fabricated sheet metal items for roofing intersections with vertical surfaces, copings, curbs, gutters, eaves, roof drains, scuppers, vents and other roof penetrations.

1.2 RELATED SECTIONS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
B. See District Master Specifications and Design Criteria for other related sections. These include but are not limited to the following:

- A. Section 01 25 13 - Product Substitution Procedures.
B. Section 01 31 00 - Project Coordination.
C. Section 01 33 00 - Submittal Procedures.
D. Section 01 42 00 - References.
E. Section 01 45 00 - Quality Control.
F. Section 01 66 00 - Product Storage and Handling.
G. Section 01 78 00 - Closeout Submittals.
H. Section 03 52 16 - Lightweight Insulating Concrete.
I. Section 06 10 00 - Rough Carpentry.
J. Section 05 31 23 - Steel Roof Decking.
K. Section 07 11 13 - Bituminous Dampproofing.
L. Section 07 52 00 - Modified Bituminous Membrane Roofing
M. Section 07 61 13 - Standing Seam Metal Roofing.
N. Section 07 72 00 - Roof Accessories.
O. Section 07 92 13 - Elastomeric Joint Sealants.

1.3 REFERENCES

- A. See Section 01 42 00 - References for additional reference standards, abbreviations, definitions, and acronyms.
B. ANSI-SPR/IES-1.
C. American Society for Testing and Materials (ASTM):
1. ASTM A240/A240M-15a: Standard Specification for Heat-resisting Chromium and Chromium-nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels
2. ASTM A653/A653M-13: Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot Dip Process
3. ASTM A755/A755M-15: Standard Specification for Steel Sheet, Metallic-Coated by the Hot Dipped Process (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot Dip Process.
4. ASTM D4586/D4586M-07(2012)e1: Standard Specification for Asphalt Roof Cement, Asbestos Free.
5. ASTM B32-08(2014): Standard Specification for Solder Metal (Lead Free).
D. Florida Building Code (FBC), 6th Edition.
E. National Roofing Contractors Association (NRCA) "Roofing and Waterproofing Manual" Detail for installation of units.
F. Sheet Metal and Air-Conditioning Contractor's National Association, Inc. (SMACNA): Architectural Sheet Metal Manual", latest Edition. Details for fabrication of units, including flanges and installation to coordinate with type of roofing indicated.

1.4 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
B. Submit Shop Drawings on flashing and sheet metal work.
C. Samples:
1. Submit 8" (203 mm) x 8" (203 mm) square samples of each specified sheet materials to be exposed as finished surfaces.
2. Submit each samples of factory fabricated products exposed as finished work, complete with specified factory finish.

1.5 QUALITY ASSURANCE

- A. Comply with Section 01 45 00 - Quality Control.
B. Regulatory Requirements: Ensure flashing and sheet metal complies with requirements of Florida Building Code, NRCA, SMACNA, and ANSI-SPRI/ES-1.
C. Coordinate application of flashings with application of roofing, protruding material, and roof accessories to provide a complete weather tight installation under provisions of the specified warranty requirements.
D. Perform work in accord with referenced standards and manufacturer's printed installation instructions.

1.6 PRE-INSTALLATION MEETING

- A. Comply with Section 01 31 00 - Project Coordination.
B. Meeting Format:
1. Pre-installation meeting shall occur after approval of Shop Drawings by Contractor/CM and accepted by AE.
2. Meeting shall convene minimum of one week before starting work.
3. Required Attendees:
a. Contractor/CM.
b. Roof flashings installer.
c. Roofing and roofing equipment manufacturers.
d. Installers of deck or substrate construction to receive roofing work.
e. Installers of roof-top mechanical, plumbing or electrical items or other work in and around roofing that must precede or follow roofing work.
f. Other subcontractors associated with work.
g. Architect.
h. Owner's Project Manager.
4. Contractor/CM shall make arrangements for meeting and notify parties required to attend.
5. Agenda shall include:
a. Review preparation and installation procedures and coordinating and scheduling required with related work.
b. Review roof, roof equipment, doors, and window system requirements (drawings, specifications, and other contract documents).
c. Review Shop Drawings and associated submittals.
d. Review manufacturer's technical materials.
e. Review and finalize construction schedule related to work and verify availability of materials, personnel, equipment and facilities needed to make progress and avoid delays.
f. Review required inspection, testing, certifying and material usage accounting procedures.
g. Review weather and forecasted weather conditions, and procedures for coping with unfavorable conditions, including temporary roofing.
h. Meeting may be combined with roofing pre-installation meeting.

1.7 WARRANTIES

- A. Comply with Section 01 78 00 - Closeout Submittals.
B. Provide installer's five (5) year written warranty for flashings indicated.
1. Flashings shall resist design wind speeds required by Florida Building Code, Chapter 16, in which installer agrees to repair or replace flashing components of roofing system that fail in materials or workmanship within specified warranty period.
2. Flashing failures shall include water leaks, fasteners, accessories, flashing and sheet metal, grounds/nailers, gutters and downspouts, scuttles and vents, curbs, and other flashing components of roofing system.
C. See Roofing Specifications for additional warranties that shall also apply.
D. Warranty shall be a term type, with no conditions, exclusions, including exclusions of remedies by Owner, deductibles or limitations on coverage amount. Conditions, exclusions, or dollar limits.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Manufactured flashing and sheet metal products are to contain recycled content.
B. Sheet Material:
1. Type 316L stainless steel, 22 gage, complying with ASTM A167.
2. Flashing for Pipes, Conduits, and Round Equipment Supports: Type 316L stainless steel, 22 gage, complying with ASTM A240.
3. Solder: Per ASTM B32.
C. Fastening Devices:
1. Stainless steel fasteners compatible with metal and roofing system. Use of powder-activated fasteners is prohibited.
2. Attach sheet metal to wood with exposed fastenings: No. 10 x 1-1/4" (31.8mm) pan head stainless steel sheet metal screws. Provide neoprene sealant washers and stainless steel washers under screw heads.
3. Attachment of sheet metal to masonry or concrete: No. 10 x 1-1/4" (31.8mm) pan head stainless steel masonry screws. Provide neoprene sealant washers and stainless steel washers under screw heads.
4. Roofing Cement: Plastic roofing cement complying with requirements of ASTM D2822 or as appropriate and as recommended by roofing manufacturer.

2.2 ACCESSORIES

- A. Roof Drain Flashing: Minimum 4 lb (1.82 Kg) per ft² lead sheet flashing, 36" (91.44 cm) x 36" (91.44 cm) installed in accord with NRCA specifications.
B. Cants:
1. Pre-fabricated 16-gage, galvanized, minimum 4" (101 mm) vertical height, formed at 45° angle to walls and parapets.
2. Manufacturer: Concrete USA; Product: ARBS (Alternative Roof Blocking System).
3. Substitutions: Comply with Section 01 25 13 - Product Substitution Procedures.

C. Copings:

1. Fabricate in approximately 10' (3 m) sections using sheet 22-gage stainless steel to detail as indicated.
2. Provide continuous 16-gage stainless steel outer hold-down cleat with punched holes at 6" (152 mm) on center and face fasten at inward facing parapet components with removable fasteners as required for sheet metal.
3. Provide 8" (203 mm) wide joint covers.
4. Manufacturer: SBC Industries, North Miami, Florida.
5. Substitutions: Comply with Section 01 25 13 - Product Substitution Procedures.
D. Curb to Duct Flashing and Counter Flashing:
1. Fabricate from stainless steel to fit duct curbs and ducts projecting from curbs.
2. Provide 4" (101 mm) vertical flange to cover top edge of bituminous base flashings. Form flange bottom towards curb, with 1/4" (6.3 mm) bottom edge bent 1/4" (6.3 mm) out and hemmed.
3. At top of curb bent metal 90° and extend horizontally over to duct, then bend upward and extend vertically not less than 3" (71.2 mm) from top edge of flashing out 3/8" (9.5 mm) to receive sealant.
4. Provide for field soldered lap joints at corners and 1" (25.4 mm) lap joints at horizontal miter splices.

E. Edge Drrips:

1. Fabricate using sheet 22-gage stainless steel drip edge to detail indicated, in not over 10' (3 m) sections.
2. Provide continuous 16-gage stainless steel continuous cleat with punched holes spaced as necessary. If cleat extends 6" (152 mm) or more below top fastener, provide second row of punched holes spaced as necessary.
3. Provide 4" (101 mm) roof flange, and extend bottom drip not less than 1" (25.4 mm) below bottom of roof sheathing, with bottom 1/2" (19 mm) kick-out to drip water away from finish wall.
4. Manufacturer: Concrete USA; Product: ARBS (Alternative Roof Blocking System).
5. Substitutions: Request for substitutions shall be in accord with Section 01 25 13 - Product Substitution Procedures.
F. Pipes, Conduits, Wires, and Round Equipment Supports Penetrating Roofing or Resting on Roofing:
1. Type 304L stainless steel, 22-gage, complying with ASTM A240.
2. Form punch stainless steel sleeves sized to shape of penetration, not less than 8" (202 mm) above finished roofing with 4" (101 mm) wide base flange welded to water-tight to sleeve.
3. Shop punch flanges.
4. Seal flashing and cover with protective umbrella.
5. Pre-manufactured roof penetration seals.
a. Manufacturer: SBC Industries, North Miami, Florida.
6. Substitutions: Request for substitutions shall be in accord with Section 01 25 13 - Product Substitution Procedures.

G. Sanitary Vent Stack Flashings:

1. 4 lb (1.82 Kg) per ft² lead flashing.
2. Form tubular lead flashing sleeve not less than 8" (202 mm) high with diameter 1/2" (12.7mm) larger than vent stack.
3. Provide 4" (101 mm) wide flange soldered water-tight.
4. Provide vandal-proof vent covers.

H. Scuppers:

1. Fabricate using stainless steel to profiles and details shown.
2. Lock seam corners, solder water-tight and hem outer exposed edges.
3. Provide 4" (101 mm) wide minimum flanges formed to fit cants, decks and vertical wall surface.
4. Shop punch flanges for fastenings at 6" (152 mm) on center.
5. Type 316L stainless steel, 22 gage, stainless steel with mill finish.

I. Gutters:

1. Type 316L stainless steel, 22 gage, stainless steel with mill finish.
2. Gutters shall be minimum 10' (3 m) wide x 6" (152 mm) deep, 22-gage stainless steel with mill finish.
3. Gutter straps shall be 1" (25.4 mm) wide rolled stainless steel located at 24" o.c. (61 cm) and pop riveted to gutter.
4. Gutter brackets shall be 1.25" wide by 0.125" thick stainless steel with mill finish located at 2'-6" o.c.
5. Gutters shall be in minimum 10'-0" long sections formed to provide flush exterior seams between gutter sections. Joints between gutter sections shall be 1/2" wide with 6" wide cover plates and support brackets to allow for expansion and contraction. Joints shall be fully bedded in sealant on inside joints.

J. Downspouts:

1. Downspouts:
a. Downspouts shall be 5" by 5" square 0.125" thick stainless steel with mill finish fabricated in one continuous piece down to kick-out diverter section at bottom of downspout.
b. Sections shall be welded and ground smooth.
c. Type 316L stainless steel, 22 gage, stainless steel with mill finish.
2. Downspout bracket/straps:
a. Straps shall be 1" wide by 0.125" thick located not more than 4'-0" apart with top and bottom brackets located not more than 12" from ends of downspouts.
b. Brackets shall be attached to structure with two .025" diameter Zamac drive pins per bracket.
c. Bracket shall be attached to gutter with two #10 sheet metal screws each side of bracket and calked with sealant.
d. Type 316L stainless steel, 22 gage, stainless steel with mill finish.

K. Stucco Stop with Counter-flashing (2-piece):

1. Fabricate in approximately 10 ft sections using sheet stainless steel to details indicated.
2. Provide receiver with 1.5" wall flange, 0.75" sloping stucco stop, and 0.75" flange bend downward with 0.50" hem.
3. Shop punch wall flange for fastening.
4. Provide shop fabricated soldered corner splices extending 4" each way.
5. Provide counterflashing with 1.5" 45° top flange with 0.35" kick back at top and 4" bottom flange formed inward 3/4" towards wall with hemmed 0.25" kick at bottom.
6. Provide 1.5" x 4" storm cleats.
7. Manufacturer: Subject to compliance with requirements, provide products by following manufacturer:
a. SBC Industries, North Miami, Florida.
8. Substitutions: Request for substitutions shall be in accord with Section 01 25 13 - Product Substitution Procedures
L. Stucco Stop with Counter-flashing (1-piece for re-roofing):
1. Fabricate in approximately 10 ft sections using sheet stainless steel to details as indicated.
2. Provide counterflashing with 0.50" 45° leg for sealant with 1.5" wall flange with a 4" bottom flange formed inward 0.75" towards wall with hemmed 0.50" kick at bottom.
3. Shop punch wall flange for fastening to meet wind loads per FBC.
4. Provide shop fabricated corner splices extending 4".
5. Manufacturer: Subject to compliance with the specified requirements, provide products by following manufacturers:
a. SBC Industries, North Miami, Florida.
6. Substitutions: Request for substitutions shall be in accord with Section 01 25 13 - Product Substitution Procedures

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not proceed with work until conditions detrimental to proper and timely completion of work have been corrected in acceptable manner.

3.2 INSTALLATION

- A. Lap, rivet, lock, or seal joints, as field conditions require.
B. Provide necessary reinforcement, miscellaneous fittings, and accessories.
C. Apply flashing and sheet metal work including miscellaneous fittings and accessories to even, smooth, sound, thoroughly clean and dry surfaces that are free from defects that might affect application. Prime metal flanges that receive bitumen under provisions of FBC and manufacturer's requirements.
D. Perform soldering work slowly, with properly heated coppers to thoroughly heat seam material and sweat solder through full width of seam that shows no less than 1" of evenly flowed solder. Solder under provisions of ASTM B 32.
1. Start soldering immediately after application of flux.
2. Solder flat locked seam.
E. Isolate dissimilar metals with accepted isolation paint or other accepted materials.
F. Make flashing and sheet metal work water and weather tight, with lines, arises and angles sharp and true and plane surfaces free from waves and buckles.
G. Provide sufficient fasteners and related hardware to ensure a complete and weather tight system.
H. Base Flashings at Aluminum Walkways, Covers Abutting Concrete and Masonry:
1. Set flashing tight against wall and with roof flange set on aluminum deck in bed of sealant.
2. Secure roof flanges to metal deck with No. 10 x 0.50" stainless steel sheet metal screws at 6" on center maximum.
Provide sealant washers and stainless steel washers under screw heads.
I. Cants Strips: Install at transitions of roof membrane with flat vertical surfaces.
J. Copings:
1. Secure outer hold-down cleat to woodblock at 6 inches on center with ring shank roofing nails.
2. Install coping over cleat. Allow 0.125" space between each coping section.
3. Secure inside face of coping with removable groutmet type fasteners.
4. Provide 1" to 12" slope at coping to inner parapet wall.
5. Install joint covers in full bed of sealant.
K. Curb to Duct Flashing and Counterflashing:
1. Install flashings after ducts through curbs are in place and after bituminous base flashings are completed.
2. Place flashings in place on curbs and solder corners and corner miter laps water-tight.
3. Secure counterflashing to vertical edge of curb nailers with No. 10 stainless steel sheet metal screws through sealant washers at not over 12" on center.
4. Secure vertical upturned duct flashing to duct with No. 10 stainless steel sheet metal screws through sealants washers at not over 6" on center.
5. Seal joint between flashings and ducts with sealant per Section 07 92 13 - Elastomeric Joint Sealants.
L. Edge Drrips:
1. Install continuous 20 gage stainless steel cleat.
2. Set 22 gage stainless steel edge drip roof flanges in full bed of roofing cement over completed roofing.

3. Lap splices 4" minimum and seal top horizontal surface laps with cold bitumen.
4. Stagger nails at flange to roof deck at 4" on center.
5. Cover roof flanges with 2-ply felt stripping set in full bed of roofing cement.
6. Locate drip bottom not less than 0.75" away from finished vertical surfaces.

M. Roof Drains:

1. Prime roof drain flanges before applying roof felts.
2. Set lead in full bed of cold bitumen over intermediate plies or cap sheet.
3. Strip lead cover with 2 layers of roofing felts in solid coats of hot bitumen.
N. Roof penetration materials at pipes, conduits and round equipment supports.
1. After preliminary examination install conical sealant cover with sealant.
O. Sanitary Vent Stack Flashings:
1. Install in accord with NRCA specifications.

P. Scuppers:

1. Set scuppers in full bed of roofing cement over completed base flashing and roof membrane.
2. Secure to masonry walls and concrete decks with stainless steel metal screws in lead shields at 6" on center.
3. Secure to wood nailers with stainless steel sheet metal screws at 6" on center.
Q. Stucco Stop with Counterflashing (2-piece):

1. Set receiver on masonry and concrete walls where indicated.
2. Lap splices 4 inches minimum and seal laps with sealant.
3. Secure to wall with No. 10 x 1.25" minimum Tap-Con Screws 12" on center maximum.
4. Check for membrane/bitumen seal on top of felt flashing before counterflashing installation.
5. Attach storm cleats at 30" on center and with 1 cleat at each joint.
6. Insert counterflashing into receiver, and secure tightly with storm cleats.

R. Surface Mounted Flashing (1-piece):

1. Set on masonry and concrete walls over base flashing where indicated.
2. Lap splices 4" minimum and seal laps with sealant.
3. Secure to wall with No. 10 x 1-1/4 inch Tap-Con pan head screws at 12 inches on center maximum. Provide neoprene sealant washers and stainless steel washers.
4. Where corrugated metal wall occurs, place premolled neoprene filler strip on wall immediately above top of metal base flashing.
a. Set filler strip in sealant and seal abutting edges of filler strip with sealant.
b. Place counterflashing over filler strip set in sealant and secure flashing to metal wall through filler strip with No. 10 x appropriate length stainless steel sheet metal screws at 6 inches on center maximum and centered on wall flutes.
c. Provide sealant washers and stainless steel washers under screw heads.
5. Check for membrane/bitumen seal on top of felt flashing before flashing installation.

END OF SECTION

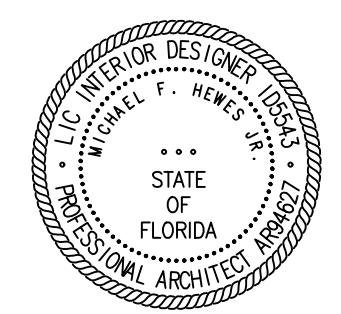
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Revisions	
No.	Note

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

Michael F Hewes Jr
Architect License #ARS94627
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SPECIFICATIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 SUMMARY

A. Section Includes:

- 1. Silicone joint sealants.
- 2. Urethane joint sealants.
- 3. Latex joint sealants.
- 4. Acoustical joint sealants.

B. Related Sections:

- 1. Division 7 Section "Through Penetration Firestop System" for sealing joints in fire-resistance-rated construction.
- 2. Division 9 Section "Gypsum Board" for sealing perimeter joints.
- 3. Division 9 Section "Acoustical Panel Ceilings" for sealing edge moldings at perimeters with acoustical sealants.

1.3 PRECONSTRUCTION TESTING

A. Preconstruction Compatibility and Adhesion Testing: Submit to joint-sealant manufacturers, for testing indicated below, samples of materials that will contact or affect joint sealants.

- 1. Use ASTM C 1087 to determine whether priming and other specific joint preparation techniques are required to obtain rapid, optimum adhesion of joint sealants to joint substrates.
- 2. Submit not fewer than eight pieces of each kind of material, including joint substrates, shims, joint-sealant backings, secondary seals, and miscellaneous materials.
- 3. Schedule sufficient time for testing and analyzing results to prevent delaying the Work.
- 4. For materials failing tests, obtain joint-sealant manufacturer's written instructions for corrective measures including use of specially formulated primers.
- 5. Testing will not be required if joint-sealant manufacturers submit joint preparation data that are based on previous testing, not older than 24 months, of sealant products for adhesion to, and compatibility with, joint substrates and other materials matching those submitted.

B. Preconstruction Field-Adhesion Testing: Before installing sealants, field test their adhesion to Project joint substrates as follows:

- 1. Locate test joints where indicated on Project or, if not indicated, as directed by Architect.
- 2. Conduct field tests for each application indicated below:
 - a. Each kind of sealant and joint substrate indicated.
- 3. Notify Architect seven days in advance of dates and times when test joints will be erected.
- 4. Arrange for tests to take place with joint-sealant manufacturer's technical representative present.
 - a. Test Method: Test joint sealants according to Method A, Field-Applied Sealant Joint Hand Pull Tab, in Appendix X1 in ASTM C 1193 or Method A, Tail Procedure, in ASTM C 1521.
 - i. For joints with dissimilar substrates, verify adhesion to each substrate separately; extend cut along one side, verifying adhesion to opposite side. Repeat procedure for opposite side.
- 5. Report whether sealant failed to adhere to joint substrates or tore cohesively. Include data on pull distance used to test each kind of product and joint substrate. For sealants that fail adhesively, retest until satisfactory adhesion is obtained.
- 6. Evaluation of Preconstruction Field-Adhesion-Test Results: Sealants not evidencing adhesive failure from testing, in absence of other indications of noncompliance with requirements, will be considered satisfactory. Do not use sealants that fail to adhere to joint substrates during testing.

1.4 ACTION SUBMITTALS

- A. Product Data: For each joint-sealant product indicated.
- B. Samples for Initial Selection: Manufacturer's color charts consisting of strips of cured sealants showing the full range of colors available for each product exposed to view.
- C. Samples for Verification: For each kind and color of joint sealant required, provide Samples with joint sealants in 1.2-inch- (13-mm-) wide joints formed between two 6-inch- (150-mm-) long strips of material matching the appearance of exposed surfaces adjacent to joint sealants.
- D. Joint-Sealant Schedule: Include the following information:
 - 1. Joint-sealant application, joint location, and designation.
 - 2. Joint-sealant manufacturer and product name.
 - 3. Joint-sealant formulation.
 - 4. Joint-sealant color.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer and testing agency.
- B. Product Certificates: For each kind of joint sealant and accessory, from manufacturer.
- C. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, indicating that sealants comply with requirements.
- D. Preconstruction Compatibility and Adhesion Test Reports: From sealant manufacturer, indicating the following:
 - 1. Materials forming joint substrates and joint-sealant backings have been tested for compatibility and adhesion with joint sealants.
 - 2. Interpretation of test results and written recommendations for primers and substrate preparation needed for adhesion.
- E. Preconstruction Field-Adhesion Test Reports: Indicate which sealants and joint preparation methods resulted in optimum adhesion to joint substrates based on testing specified in "Preconstruction Testing" Article.
- F. Field-Adhesion Test Reports: For each sealant application tested.
- G. Warranties: Sample of special warranties.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.
- B. Source Limitations: Obtain each kind of joint sealant from single source from single manufacturer.
- C. Product Testing: Test joint sealants using a qualified testing agency.
 - 1. Testing Agency Qualifications: An independent testing agency qualified according to ASTM C 1021 to conduct the testing indicated.
- D. Pre-installation Conference: Conduct conference at Project site.

1.7 PROJECT CONDITIONS

- A. Do not proceed with installation of joint sealants under the following conditions:
 - 1. When ambient and substrate temperature conditions are outside limits permitted by joint-sealant manufacturer or are below 40 deg F (5 deg C).
 - 2. When joint substrates are wet.
 - 3. Where joint widths are less than those allowed by joint-sealant manufacturer for applications indicated.
 - 4. Where contaminants capable of interfering with adhesion have not yet been removed from joint substrates.

1.8 WARRANTY

- A. Special Installer's Warranty: Manufacturer's standard form in which Installer agrees to repair or replace joint sealants that do not comply with performance and other requirements specified in this Section within specified warranty period.
- B. Special Manufacturer's Warranty: Manufacturer's standard form in which joint-sealant manufacturer agrees to furnish joint sealants to repair or replace those that do not comply with performance and other requirements specified in this Section within specified warranty period.
 - 1. Warranty Period: Ten (10) years from date of Substantial Completion.
- C. Special warranties specified in this article exclude deterioration or failure of joint sealants from the following:
 - 1. Movement of the structure caused by structural settlement or errors attributable to design or construction resulting in stresses on the sealant exceeding sealant manufacturer's written specifications for sealant elongation and compression.
 - 2. Disintegration of joint substrates from natural causes exceeding design specifications.
 - 3. Mechanical damage caused by individuals, tools, or other outside agents.
 - 4. Changes in sealant appearance caused by accumulation of dirt or other atmospheric contaminants.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

- A. Compatibility: Provide joint sealants, backings, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by joint-sealant manufacturer, based on testing and field experience.
 - B. VOC Content of Interior Sealants: Sealants and sealant primers used inside the weatherproofing system shall comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - 1. Architectural Sealants: 250 g/L.
 - 2. Sealant Primers for Nonporous Substrates: 250 g/L.
 - 3. Sealant Primers for Porous Substrates: 775 g/L.
 - C. Liquid-Applied Joint Sealants: Comply with ASTM C 920 and other requirements indicated for each liquid-applied joint sealant specified, including those referencing ASTM C 920 classifications for type, grade, class, and uses related to exposure and joint substrates.
 - D. Stain-Test-Response Characteristics: Where sealants are specified to be non-staining to porous substrates, provide products that have undergone testing according to ASTM C 1248 and have not stained porous joint substrates indicated for Project.
- Colors of Exposed Joint Sealants: As selected by Architect from manufacturer's full range.

2.2 SILICONE JOINT SEALANTS

- A. Single-Component, Nonsag, Neutral-Curing Silicone Joint Sealant: ASTM C 920, Type S, Grade NS, Class 50, for Use NT.
 - 1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
 - a. BASF Building Systems; Omiseal 50.
 - b. Dow Corning Corporation; 756 SMS, 791, 795, 995.
 - c. GE Advanced Materials - Silicones; SIGlaze II SCS2800, SilPruf NB SCS9000 SilPruf SCS2000, UltraPruf II SCS2900.
 - d. May National Associates, Inc.; Bondaflex Sil 295.
 - e. Pecora Corporation; 864, 895, 898.
 - f. Polymeric Systems, Inc.; PSI-641.
 - g. Sika Corporation, Construction Products Division; SikaSil-C995.
 - h. Tremco Incorporated; Spectrem 2, Spectrem 3.
- B. Mildew-Resistant, Single-Component, Nonsag, Neutral-Curing Silicone Joint Sealant: ASTM C 920, Type S, Grade NS, Class 25, for Use NT.

- 1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Pecora Corporation; 898.

2.3 URETHANE JOINT SEALANTS

- A. Single-Component, Pourable, Traffic-Grade, Urethane Joint Sealant: ASTM C 920, Type S, Grade P, Class 25, for Use T.
 - 1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
 - a. BASF Building Systems; Sonolastic SL 1.
 - b. Bostik, Inc.; Chem-Calk 950.
 - c. May National Associates, Inc.; Bondaflex PUR 35 SL.
 - d. Pecora Corporation; Urepan NR-201.
 - e. Polymeric Systems, Inc.; Flexiprene 952.
 - f. Schnee-Morehead, Inc.; Permuthane SM7101.
 - g. Sika Corporation, Construction Products Division; Sikaflex - ICSL.
 - h. Tremco Incorporated; Vulkan 45.
- B. Immersible, Single-Component, Pourable, Traffic-Grade, Urethane Joint Sealant: ASTM C 920, Type S, Grade P, Class 25, for Uses T and I.

- 1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Sika Corporation, Construction Products Division; Sikaflex - ICSL.
 - b. Tremco Incorporated; Vulkan 45.

2.4 LATEX JOINT SEALANTS

- A. Latex Joint Sealant: Acrylic latex or siliconized acrylic latex, ASTM C 834, Type OP, Grade NF.
 - 1. Products: Subject to compliance with requirements available products that may be incorporated into the Work include, but are not limited to, the following:
 - a. BASF Building Systems; Sonolac.
 - b. Bostik, Inc.; Chem-Calk 600.
 - c. May National Associates, Inc.; Bondaflex 600, Bondaflex Sil-A 700.
 - d. Pecora Corporation; AC-20+.
 - e. Schnee-Morehead, Inc.; SM 8200.
 - f. Tremco Incorporated; Tremflex 834.

2.5 ACOUSTICAL JOINT SEALANTS

- A. Acoustical Joint Sealant: Manufacturer's standard nonsag, paintable, non-staining latex sealant complying with ASTM C 834. Product effectively reduces airborne sound transmission through perimeter joints and openings in building construction as demonstrated by testing representative assemblies according to ASTM E 90.
 - 1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Pecora Corporation; AC-20 FTR, AIS-919.
 - b. USG Corporation; SHEETROCK Acoustical Sealant.

2.6 JOINT SEALANT BACKING

- A. General: Provide sealant backings of material that are non-staining; are compatible with joint substrates, sealants, primers, and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.
 - B. Cylindrical Sealant Backings: ASTM C 1330, Type C (closed-cell material with a surface skin, and of size and density to control sealant depth and otherwise contribute to producing optimum sealant performance).
 - C. Bond-Breaker Tape: Polyethylene tape or other plastic tape recommended by sealant manufacturer for preventing sealant from adhering to rigid, inflexible joint-filler materials or joint surfaces at back of joint. Provide self-adhesive tape where applicable.
- 2.7 MISCELLANEOUS MATERIALS
- A. Primer: Material recommended by joint-sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint-sealant-substrate tests and field tests.
 - B. Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing materials, free of oily residues or other substances capable of staining or harming joint substrates and adjacent nonporous surfaces in any way, and formulated to promote optimum adhesion of sealants to joint substrates.
 - C. Masking Tape: Non-staining, nonabsorbent material compatible with joint sealants and surfaces adjacent to joints.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine joints indicated to receive joint sealants, with Installer present, for compliance with requirements for joint configuration, installation tolerances, and other conditions affecting joint-sealant performance.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants to comply with joint-sealant manufacturer's written instructions and the following requirements:
 - 1. Remove all foreign material from joint substrates that could interfere with adhesion of joint sealant, including dust, paints (except for permanent, protective coatings tested and approved for sealant adhesion and compatibility by sealant manufacturer), old joint sealants, oil, grease, waterproofing, water repellents, water, surface dirt, and frost.
 - 2. Clean porous joint substrate surfaces by brushing, grinding, mechanical abrading, or a combination of these methods to produce a clean, sound substrate capable of developing optimum bond with joint sealants. Remove loose particles remaining after cleaning operations above by vacuuming or blowing out joints with oil-free compressed air. Porous joint substrates include the following:
 - a. Concrete.
 - b. Masonry.
 - c. Exterior insulation and finish systems.
 - 3. Remove laitance and form-release agents from concrete.
 - 4. Clean nonporous joint substrate surfaces with chemical cleaners or other means that do not stain, harm substrates, or leave residues capable of interfering with adhesion of joint sealants. Nonporous joint substrates include the following:
 - a. Metal.
 - b. Glass.
 - c. Porcelain enamel.
- B. Joint Priming: Prime joint substrates where recommended by joint-sealant manufacturer or as indicated by preconstruction joint-sealant-substrate tests or prior experience. Apply primer to comply with joint-sealant manufacturer's written instructions. Confine primers to areas of joint-sealant bond; do not allow spillage or migration onto adjoining surfaces.
- C. Masking Tape: Use masking tape where required to prevent contact of sealant or primer with adjoining surfaces that otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove sealant messes. Remove tape immediately after tooling without disturbing joint seal.

3.3 INSTALLATION OF JOINT SEALANTS

- A. General: Comply with joint-sealant manufacturer's written installation instructions for products and applications indicated, unless more stringent requirements apply.
- B. Sealant Installation Standard: Comply with recommendations in ASTM C1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.
- C. Install sealant backings of kind indicated to support sealants during application and at position required to produce cross-sectional shapes and depths of installed sealants relative to joint widths that allow optimum sealant movement capability.
 - 1. Do not leave gaps between ends of sealant backings.
 - 2. Do not stretch, twist, puncture, or tear sealant backings.
 - 3. Remove absorbent sealant backings that have become wet before sealant application and replace them with dry materials.
- D. Install bond-breaker tape behind sealants where sealant backings are not used between sealants and backs of joints.
- E. Install sealants using proven techniques that comply with the following and at the same time backings are installed:
 - 1. Place sealants so they directly contact and fully wet joint substrates.
 - 2. Completely fill recesses in each joint configuration.
 - 3. Produce uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability.
- F. Tooling of Nonsag Sealants: Immediately after sealant application and before skinning or curing begins, tool sealants according to requirements specified in subparagraphs below to form smooth, uniform beads of configuration indicated; to eliminate air pockets; and to ensure contact and adhesion of sealant with sides of joint.
 - 1. Remove excess sealant from surfaces adjacent to joints.
 - 2. Use tooling agents that are approved in writing by sealant manufacturer and that do not discolor sealants or adjacent surfaces.
 - 3. Provide concave joint profile per Figure 8A in ASTM C 1193, unless otherwise indicated.
 - 4. Provide flush joint profile where indicated per Figures 8B in ASTM C 1193.
 - 5. Provide recessed joint configuration of recess depth and at locations indicated per Figure 8C in ASTM C 1193.
 - a. Use masking tape to protect surfaces adjacent to recessed jointed joints.
- G. Acoustical Sealant Installation: At sound-rated assemblies and elsewhere as indicated, seal construction at perimeters, behind control joints, and at openings and penetrations with a continuous bead of acoustical sealant. Install acoustical sealant at both faces of partitions at perimeters and through penetrations. Comply with ASTM C 919 and with manufacturer's written recommendations.

3.4 FIELD QUALITY CONTROL

- A. Field-Adhesion Testing: Field test joint-sealant adhesion to joint substrates as follows:
 - 1. Extent of Testing: Test completed and cured sealant joints as follows:
 - a. Perform 10 tests for the first 1000 feet (300 m) of joint length for each kind of sealant and joint substrate.
 - b. Perform 1 test for each 1000 feet (300 m) of joint length thereafter or 1 test per each floor per elevation.
 - 2. Test Method: Test joint sealants according to Method A, Field-Applied Sealant Joint Hand Pull Tab, in Appendix X1 in ASTM C 1193 or Method A, Tail Procedure, in ASTM C 1521.
 - a. For joints with dissimilar substrates, verify adhesion to each substrate separately; extend cut along one side, verifying adhesion to opposite side. Repeat procedure for opposite side.
 - 3. Inspect tested joints and report on the following:
 - a. Whether sealants filled joint cavities and are free of voids.
 - b. Whether sealant dimensions and configurations comply with specified requirements.
 - c. Whether sealants in joints connected to pulled-out portion failed to adhere to joint substrates or tore cohesively. Include data on pull distance used to test each kind of product and joint substrate. Compare these results to determine if adhesion passes sealant manufacturer's field-adhesion hand-pull test criteria.
 - 4. Record test results in a field-adhesion-test log. Include dates when sealants were installed, names of persons who installed sealants, test dates, test locations, whether joints were primed, adhesion results and percent elongations, sealant fill, sealant configuration, and sealant dimensions.
 - 5. Repair sealants pulled from test area by applying new sealants following same procedures used originally to seal joints. Ensure that original sealant surfaces are clean and that new sealant contacts original sealant.
- B. Evaluation of Field-Adhesion Test Results: Sealants not evidencing adhesive failure from testing or noncompliance with other indicated requirements will be considered satisfactory. Remove sealants that fail to adhere to joint substrates during testing or to comply with other requirements. Retest failed applications until test results prove sealants comply with indicated requirements.

3.5 CLEANING

- A. Clean off excess sealant or sealant smears adjacent to joints as the Work progresses by methods and with cleaning materials approved in writing by manufacturers of joint sealants and of products in which joints occur.
- 3.6 PROTECTION

- A. Protect joint sealants during and after curing period from contact with contaminating substances and from damage resulting from construction operations or other causes so sealants are without deterioration or damage at time of Substantial Completion. If, despite such protection, damage or deterioration occurs, cut out and remove damaged or deteriorated joint sealants immediately so installations with repaired areas are indistinguishable from original work.

3.7 JOINT-SEALANT SCHEDULE

- A. Joint-Sealant Application: Exterior joints in horizontal traffic surfaces.
 - 1. Joint Locations:
 - a. Isolation and contraction joints in cast-in-place concrete slabs.
 - b. Other joints as indicated.
 - 2. Urethane Joint Sealant: Single component, pourable, traffic grade.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- B. Joint-Sealant Application: Exterior joints in horizontal traffic surfaces subject to water immersion.
 - 1. Joint Locations:
 - a. Joints in pedestrian plazas.
 - b. Other joints as indicated.
 - 2. Urethane Joint Sealant: Immersible, single component, pourable, traffic grade.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- C. Joint-Sealant Application: Exterior joints in vertical surfaces and horizontal non-traffic surfaces.
 - 1. Joint Locations:
 - a. Construction joints in cast-in-place concrete.
 - b. Joints between plant-precast architectural concrete units.
 - c. Control and expansion joints in unit masonry.
 - d. Joints in exterior insulation and finish systems.
 - e. Joints between different materials listed above.
 - f. Perimeter joints between materials listed above and frames of doors, windows and louvers.
 - g. Control and expansion joints in ceilings and other overhead surfaces.
 - h. Other joints as indicated.
 - 2. Silicone Joint Sealant: Single component, nonsag, neutral curing, Class 50.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- D. Joint-Sealant Application: Interior joints in horizontal traffic surfaces.
- E. Joint-Sealant Application: Interior joints in vertical surfaces and horizontal non-traffic surfaces.

- 1. Joint Locations:
 - a. Control and expansion joints on exposed interior surfaces of exterior walls.
 - b. Perimeter joints of exterior openings where indicated.
 - c. Tile control and expansion joints.
 - d. Vertical joints on exposed surfaces walls and partitions.
 - e. Perimeter joints between interior wall surfaces and frames of interior doors and windows.
 - f. Other joints as indicated.
 - 2. Joint Sealant: Latex
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- F. Joint-Sealant Application: Mildew-resistant interior joints in vertical surfaces and horizontal non-traffic surfaces.
- 1. Joint Sealant Location:
 - a. Joints between plumbing fixtures and adjoining walls, floors, and counters.
 - b. Tile control and expansion joints where indicated.
 - c. Other joints as indicated.
 - 2. Joint Sealant: Mildew resistant, single component, nonsag, neutral curing, Silicone Single component, nonsag, mildew resistant, acid curing.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- G. Joint-Sealant Application: Interior acoustical joints in vertical surfaces and horizontal non-traffic surfaces.
- 1. Joint Location:
 - a. Acoustical joints where indicated.
 - b. Other joints as indicated.
 - 2. Joint Sealant: Acoustical.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range.

- 1. Joint Locations:
 - a. Control and expansion joints on exposed interior surfaces of exterior walls.
 - b. Perimeter joints of exterior openings where indicated.
 - c. Tile control and expansion joints.
 - d. Vertical joints on exposed surfaces walls and partitions.
 - e. Perimeter joints between interior wall surfaces and frames of interior doors and windows.
 - f. Other joints as indicated.
 - 2. Joint Sealant: Latex
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- F. Joint-Sealant Application: Mildew-resistant interior joints in vertical surfaces and horizontal non-traffic surfaces.
- 1. Joint Sealant Location:
 - a. Joints between plumbing fixtures and adjoining walls, floors, and counters.
 - b. Tile control and expansion joints where indicated.
 - c. Other joints as indicated.
 - 2. Joint Sealant: Mildew resistant, single component, nonsag, neutral curing, Silicone Single component, nonsag, mildew resistant, acid curing.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- G. Joint-Sealant Application: Interior acoustical joints in vertical surfaces and horizontal non-traffic surfaces.
- 1. Joint Location:
 - a. Acoustical joints where indicated.
 - b. Other joints as indicated.
 - 2. Joint Sealant: Acoustical.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range.

- 1. Joint Locations:
 - a. Control and expansion joints on exposed interior surfaces of exterior walls.
 - b. Perimeter joints of exterior openings where indicated.
 - c. Tile control and expansion joints.
 - d. Vertical joints on exposed surfaces walls and partitions.
 - e. Perimeter joints between interior wall surfaces and frames of interior doors and windows.
 - f. Other joints as indicated.
 - 2. Joint Sealant: Latex
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- F. Joint-Sealant Application: Mildew-resistant interior joints in vertical surfaces and horizontal non-traffic surfaces.
- 1. Joint Sealant Location:
 - a. Joints between plumbing fixtures and adjoining walls, floors, and counters.
 - b. Tile control and expansion joints where indicated.
 - c. Other joints as indicated.
 - 2. Joint Sealant: Mildew resistant, single component, nonsag, neutral curing, Silicone Single component, nonsag, mildew resistant, acid curing.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range of colors.
- G. Joint-Sealant Application: Interior acoustical joints in vertical surfaces and horizontal non-traffic surfaces.
- 1. Joint Location:
 - a. Acoustical joints where indicated.
 - b. Other joints as indicated.
 - 2. Joint Sealant: Acoustical.
 - 3. Joint-Sealant Color: As selected by Architect from manufacturer's full range.

END OF SECTION 07 92 00

SECTION 09 11 13 - EXTERIOR PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, Drawings, Specifications and the Sections included under Division 1, General Requirements and References are included as a part of this Section as though bound herein.

1.2 SECTION INCLUDES

A. Provide labor, material, services and equipment necessary to furnish and install work as indicated and as specified herein, which includes, but is not limited to:

- 1. Exterior paint and coating systems.

1.3 REFERENCES

- A. ASTM D16 - Definitions of Terms Relating to Paint, Varnish, Lacquer, and Related Products
- B. ASTM D3359 - Standard Test Methods for Measuring Adhesion by Tape Test
- C. ASTM D4442/92 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood Base Materials
- D. EPA - Method 24
- E. GS-11, GC-03
- F. NACE International (National Association of Corrosion Engineers) - Industrial Maintenance Painting
- G. NPCA (National Paint and Coatings Association) - Guide to U.S. Government Paint Specifications
- H. Paint - Certified Product List - Florida Department of Agriculture and Consumer Services
- I. PDCA (Painting and Decorating Contractors of America) - Architectural Painting Specifications Manual
- J. PDCA Standard P1-04 Touchup Painting and Damage Repair; Financial Responsibility
- K. PDCA Standard P5-04 Benchmark Sample Procedures for Paint and other Decorative Coating System
- L. SSPC (Steel Structures Painting Council) - Steel Structures Painting Manual
- M. SSPC-SP 1 - Solvent Cleaning
- N. Modern Guide to Paint Specifications (current edition) - Standard Type I

1.4 DEFINITIONS

A. Conform to ASTM D16 for interpretation of terms used in this section.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product:
 - 1. Product characteristics
 - 2. Surface preparation instructions and recommendations
 - 3. Primer requirements and finish specifications
 - 4. Storage and handling requirements
 - 5. Application methods
 - 6. Cautions and VOC levels, certification from manufacturer that products comply with local regulations controlling volatile organic compounds (VOCs).
 - 7. Include Printout of current "MPI Approved Products List" for each product category specified, with the proposed product highlighted.
 - 8. Product List: Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules. Include color designations.
- B. Samples:
 - 1. Submit a complete set of color chips representing the full range of manufacturer's color samples available.
 - 2. Submit two 9" x 9" samples illustrating selected colors and textures for each type.

1.6 INFORMATION SUBMITTALS

- A. Closeout Documents:
 - 1. Coating Maintenance Manual: Upon conclusion of the project, the Contractor or paint manufacturer/supplier shall furnish a coating maintenance manual, such as "Custodian Project Color and Product Information" by Sherwin-Williams or equal. Manual shall include an Area Summary with finish schedule designating where each product/color/finish was used. It shall also include care and Cleaning instructions, touch up procedures, and a Product Data Sheet for each product used.

1.7 QUALITY ASSURANCE

- A. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Architect will select one surface to represent surfaces and conditions for application of each paint system.
 - a. Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft. and at exterior inside and outside corner.
 - b. Other Items: Architect will designate items or areas required.
 - 2. Final approval of color selections will be based on mockups.
 - a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by Architect at no added cost to Owner.
 - 3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 - 4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.8 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing the products specified in this section with minimum 5-years documented experience.
- B. Applicator: Company specializing in performing the work of this section with minimum 5-years documented experience.

1.9 REGULATORY REQUIREMENTS

- A. Conform to applicable code for flame and smoke rating requirements for finishes.
- B. Painting manufacturer and Contractor shall conform to Federal Rules and Regulations, Vol. 63, No. 176, September 11, 1998, State and Local VOC (Volatile Organic Compound) Regulations in area where Project is located. Notify Architect in writing if variations to Specifications herein are required.
 - 1. VOC content shall be a maximum 350 gm/liter, unless noted otherwise
- C. VOC Content: Determine VOC (Volatile Organic Compound) content of solvent borne and waterborne paints and related coatings in accordance with EPA Method 24 or ASTM D3960.

1.10 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F.
 - 1. Maintain containers in clean condition, free of foreign materials and residue.
- B. Storage:
 - 1. Store paint materials in a properly ventilated area at the temperature range r required by the manufacturer.
 - 2. Store and dispose of solvent-based materials and materials used with solvent-based materials in accordance with manufacturer's and other regulating authorities having jurisdiction.

1.11 FIELD CONDITIONS

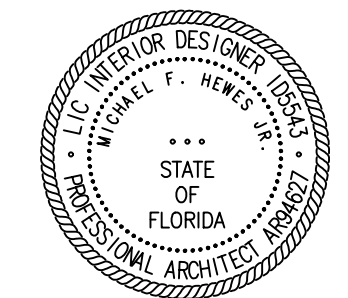
- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F.
- B. Do not apply paints when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

1.12 MAINTENANCE MATERIAL

- A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Paint: 5 percent, but not less than 1 gal. of each material and color applied.

Revisions		
No.	Date	Note

TO THE BEST OF MY KNOWLEDGE, I HAVE PREPARED THESE DOCUMENTS IN ACCORDANCE WITH THE MINIMUM STANDARD CODES.



Filename: P:\16025.10 - MCHS Exterior Repairs\5 CAD Sheets\24-36\A Sheets\A-506 SPECIFICATIONS Plot Date: 4/16/2019 Plotted By: Michael F. Hewes, Jr.

PART 2 - PRODUCT 2.1

2.1 MANUFACTURERS

- A. Acceptable Manufacturers
 1. The painting schedule is based on products manufactured by the Sherwin-Williams Company.
- B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 1. Sherwin Williams
 2. Benjamin Moore & Co.
 3. PPG Industries

2.2 COMPATIBILITY

- A. MPI Standards: Products shall comply with MPI standards indicated and shall be listed in its "MPI Approved Products Lists".
- B. Paint materials and equipment shall be compatible in use; finish coats shall be compatible with prime coats; prime coats shall be compatible with the surface to be coated; tools and equipment shall be compatible with the coating to be applied.
 1. Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristic of finish materials to ensure use of compatible primers.
 2. For each coat in a paint system, products shall be recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated.
- C. Adhesion Test: Provide adhesion X-cut and tape test for primer adhesion per ASTM D3359 for every 200 s.f. of primed area.
- D. Thinners, when used, shall be only those thinners recommended for that purpose by the manufacturer of the material to be thinned.
- E. The term "paint," as used herein, includes enamels, paints, sealers, stains, fillers, emulsions, and other coatings, whether used as prime, intermediate, or finish coats.

2.3 ACCEPTANCE OF SPECIFICATION

- A. By submitting a proposal, the Contractor has reviewed the bidding documents with the painting subcontractor and accepts the Specifications as sufficient to produce approved painting results. If the painting subcontractor contends that the materials or number of coats specified will not produce satisfactory results, he shall so notify the Architect directly or indirectly through a Bidding Contractor 14 days prior to receipt of bids for proper action.
- B. The type of material to be used and the number of coats to be applied are listed in the "Painting Schedule" of this section of these specifications. Also refer to Room Finish Schedule.
 1. Paint exposed surfaces whether or not colors are designated in schedules, except where a surface or material is specifically indicated not to be painted or is to remain natural. Where an item or surface is not specifically mentioned, paint the same as similar adjacent materials or surfaces. If color or finish is not designated, the Architect will select from standard colors or finishes available.
 2. The Architect shall not be limited in the number of colors selected for single space or for the complete Project.

2.4 PAINTING SCHEDULE

- A. Concrete (Cast-In Place Precast Concrete, Cement Plaster and Simulated Stucco)
 1. Latex Systems
 - a. Satin Finish
 - 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (3.2_dry) - MPI#3
 - 2nd Coat: S-W SuperPaint Acrylic Satin, A89 Series - MPI#15
 - 3rd Coat: S-W SuperPaint Acrylic Satin, A89 Series (1.4-mil dry per coat)
 - B. Masonry
 1. Latex Systems
 - a. Satin Finish
 - 1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42W150 (8-10.5mil dry) - MPI#4 X-Green
 - 2nd Coat: S-W SuperPaint Acrylic Satin, A89 Series - MPI#15
 - 3rd Coat: S-W SuperPaint Acrylic Satin, A89 Series (1.4-mil dry per coat)
- A. Paints and Coatings - General
 1. Unless otherwise indicated, provide factory-mixed coatings.
 2. When required, mix coatings to correct consistency in accordance with manufacturer's instructions before application.
 3. Do not reduce, thin, or dilute coatings or add materials to coatings unless approved in manufacturer's product instructions.
 4. Confirm VOC's need by using the products MSDS sheets.
 - B. Primers: Where the manufacturer offers options on primers for a particular substrate, use primer categorized as "best" by the manufacturer.

2.5 ACCESSORIES

- A. Coating application accessories: Provide all primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials required, per manufacturer's specifications.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows (Do not apply finishes unless moisture content of surfaces are below the following maximums):
 1. Concrete: 12 percent.
 2. Masonry (Clay and CMUs): 12 percent.
 3. Plaster: 12 percent.
- C. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.
- D. Proceed with coating application only after unsatisfactory conditions have been corrected.
- E. Do not begin application of coatings until substrates have been properly prepared; notify Owner's Representative of unsatisfactory conditions before proceeding.
- F. If substrate preparation is the responsibility of another installer, notify Owner's Representative of unsatisfactory preparation before proceeding.
- G. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions otherwise detrimental to formation of a durable paint film.
- H. Test shop applied primer for compatibility with subsequent cover materials.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.
- B. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.
- C. The surface shall be dry and in sound condition. Remove all oil, dust, dirt, loose rust, peeling paint, or other contamination to ensure good adhesion.
- D. Provide barrier coats over incompatible primers or remove and re-prime. Notify Architect in writing about anticipated problems using the specified finish coat material with substrates primed by others.
- E. Impervious Surfaces:
 1. Remove mildey by scrubbing with solution of tri_sodium phosphate and bleach.
 2. Rinse with clean water and allow surface to dry.
- F. Aluminum Surfaces:
 1. Remove all oil, grease, dirt, oxide, and other foreign material by cleaning per SSPC-SPI Solvent Cleaning.
- G. Block/Unit Masonry (Cinder and Concrete)
 1. Remove all loose mortar and foreign material.
 2. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement, and hardeners.
 3. Let concrete and mortar cure at least 30 days at 75°F unless the manufactures products are designed for application prior to the 30-day period.
 4. The pH of the surface and moisture content must be in accordance with the paint manufacturer's recommendations prior to painting.
- H. Concrete:
 1. Remove contamination by washing with an appropriate cleaner, rinse thoroughly.
 2. The pH of the surface and moisture content shall be in accordance with the paint manufacturer's recommendations prior to painting.
 3. Allow the surface to thoroughly dry.
 4. Clean concrete floor surfaces scheduled to be painted with a commercial solution of muriatic acid or other etching cleaner. Flush floor with clean water to neutralize acid and allow to dry before painting.
 5. Fill bug holes, air pockets, and other voids under another section with a cement-patching compound of sufficient cohesive strength to support the specified coating system.
 6. Clean per SSPC-SPI using detergent and water or a degreasing cleaner to remove greases and oils.
 7. Apply a test area, priming as required.
 8. Allow the coating to cure in accordance with the manufacturer's recommendation before testing.
 9. Perform adhesion tests in accordance with ASTM 3359 Adhesion by Tape Test.
 10. If adhesion is poor, then notify Owner's representative that additional surface preparation under another section is necessary to remove pre-treatments or contaminants that interfere with adhesion of the coating.
- I. Plaster Cement Surfaces:
 1. Shall allow to thoroughly dry for at least 30 days before painting, unless the manufacturer's products are designed for application prior to the 30-day period.
 1. Bare plaster must be cured and hard prior to painting.
 2. Correct any soft, porous, or powdery plaster per requirements under another section of the specifications.

3.3 MATERIALS PREPARATION

- A. Mix and prepare painting materials in accordance with manufacturer's directions.
- B. Store materials not in actual use in tightly covered containers. Maintain containers used in storage, mixing, and application of paint in a clean condition, free of foreign materials and residue.
- C. Stir materials before application to produce a mixture of uniform density and stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain material before using.
- D. Use only thinners approved by the paint manufacturer and only within recommended limits.
- E. Preparation and testing of existing painted surfaces, indicated to be repainted to accommodate new work, shall be performed as work of this section.

3.4 APPLICATION

- A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual".
- B. Use applicators and techniques suited for paint and substrate indicated.
- C. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers.
- D. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- E. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

3.5 FIELD QUALITY CONTROL

- A. The right is reserved by Owner/Architect to invoke the following material testing procedure in addition to other tests indicated when and as often as he deems necessary during the period of field painting.
- B. Engage services of an independent testing laboratory to sample paint being used. Samples of materials delivered to project site will be taken, identified and sealed, and certified in presence of Contractor.
- C. Testing laboratory will perform appropriate tests for one or each of the following characteristics: Abrasion resistance, apparent reflectivity, flexibility, washability, absorption, accelerated weathering, dry opacity, accelerated yellowness, recoating, skinning, color retention, alkali resistance, and quantitative materials analysis.
- D. If test results show that material being used does not comply with specified requirements, Contractor may be directed to stop painting work, and remove noncomplying paint; pay for testing; repaint surfaces coated with rejected paint; remove rejected paint from previously painted surfaces if, upon repainting with specified paint, the 2 coatings are noncomparable.

3.6 EQUIPMENT

- A. Paint the following work where exposed.
 1. Uninsulated metal and plastic piping.
 2. Pipe hangers and supports.
 3. Metal and plastic conduit.

3.7 CLEAN-UP AND PROTECTION

- A. Upon completion of painting work, clean window glass and other paint_splattered surfaces. Remove splattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage finished surfaces.
- B. Provide "Wet Paint" signs as required to protect newly painted finishes.
- C. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- D. After completing paint application, clean splattered surfaces. Remove splattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- E. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.
- F. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.8 TOUCH-UP AND DAMAGE REPAIR

- A. Contractor shall repair all deficiencies in coating application in accordance with PDCA Standard P1-04.
- B. Inform Owner's representative of all damage to properly painted surfaces and receive authorization prior to performing damage repair.

3.9 SITE ENVIRONMENTAL PROCEDURES

- A. Indoor Air Quality: Provide temporary ventilation as specified in Section - Temporary Controls.
- B. Waste Management: As specified in Section - Temporary Construction Facilities and as follows:
 1. Coordinate with manufacturer for take-back program. Set aside scrap to be returned to manufacturer for recycling into new product. Close and seal all partially used containers of pain to maintain quality as necessary for reuse.

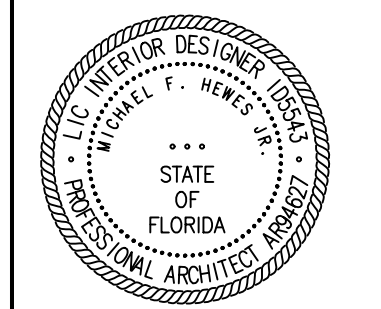
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Comm. No: 16025.10
 Date: 04/16/2019

Drawn: *

Revisions	
No.	Date

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.



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