TOILET FACILITY at SOUTH BEND PARK

(ARCHITECTURAL)

PROJECT NUMBER 1922

FOR PERMIT & BIDDING

14 FEB 2020

SMITH DESIGN GROUP, INC. | 206 W HARALSON STREET, LAGRANGE, GA 30240 | 706.882.5511 | WWW.SDGARCH.NET

ABBREVIATIONS:

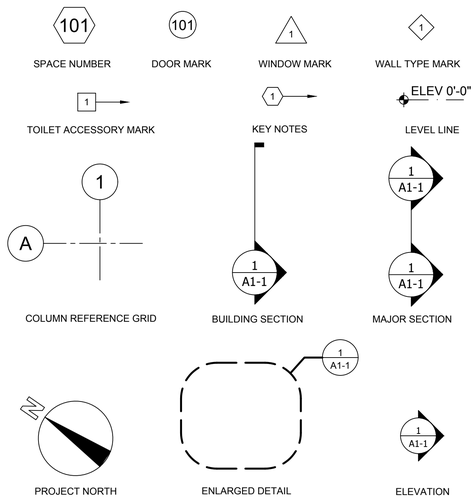
@	At
A.B.	Anchor Bolt
A.C.	Air Conditioner
ACOUST.	Acoustical
ALUM.	Aluminum
ARCH.	Architectural
A.T.	Acoustical Tile
B.C.	Bottom of Curb
BLK.	Block
BOTT.	Bottom
CER.	Ceramic
CHM.	Custom Hollow Metal
C.I.	Curb Inlet
	Centerline
CLO.	Closet
CMU.	Concrete Masonry Unit
C.O.	Clean Out
COL.	Column
CONC.	Concrete
CONST.	Construction
CONT.	Continuous
C.T.	Ceramic Tile
CHR.	Coat & Hat Rack
C.J.	Control Joint
D: DIAM.	Diameter
DF	Drink Fountain
DI	Drain Inlet
DN	Down
DRIV.	Driver
DS	Downspout
DWGS.	Drawings
DWLS.	Dowels
DR	Drawer
E.J.; EXP. JT.	Expansion Joint
EL.; ELEV	Elevation
EQ	Equal
EQUIP.	Equipment
E.F.I.S.	Exterior Finish Insulation System
F.E.	Fire Extinguisher
F.H.	Fire Hose
FES	Fire Extinguisher Sign
FIN.	Finish
FLEX.	Flexible
FLR.	Floor
FT.	Foot
FTG.	Footing
GA	Gauge
G.C.	General Contractor
GYP. BRD.	Gypsum Wallboard
H	Height
HC	Handicapped
HCM	Hollow Concrete Masonry
HORIZ.	Horizontal
HW	Hand Wash
I.D.	Inside Diameter
IND.	Industrial
INV.	Invert
JAN.	Janitor
J.B.	Joist Bearing
JST.	Joist
J.T.	Joist
LAV.	Lavatory
LLV.	Long Leg Vertical
MAS.; MSRY	Masonry
MCS	Modular Cabinet System
MECH.	Mechanical
MIN.	Minimum
N	North
NA	Not Applicable
N.I.C.	Not In Contract
NTS	Not to Scale
O.C.	On Center
OPP.	Opposite
PL	Plate
PT	Pressure Treated
PEJ	Premolded Expansion
PLAST	Plaster
PSF	Pounds Per Square Foot
PSI	Pounds Per Square Inch
R	Radius
REF	Refrigerator
REQ'D	Required
RL	Roof Level
RM	Room
RT	Resilient Tile
RW	Regular Weight
	Round
SQ.	Square
SIM	Similar
SLV	Short Leg Vertical
S.M.	Sheet Metal
STL	Steel
STO.; STOR	Storage
STRUCT.	Structural
SH	Shelves
TC	Teacher Cabinet
T.C.	Top of Curb
TD	Turn Down
TFF	Top of Finished Floor
TFS	Top of Finished Slab
T & G	Tongue and Groove
T.M.	Transitional Material
TP	Top of Pavement
T/S	Top of Steel
TYP.	Typical
U.N.O.	Unless Noted Otherwise
V.C.J.	Veneer Control Joint
VERT.	Vertical
VRS	Varies
VWC	Vinyl Wall Covering
W	Width
W/	With
W.C.	Water Cooler
WD	Wood
WWF	Welded Wire Fabric

CONSTRUCTION MATERIALS:

PLAN / SECTION

- face brick
- hollow concrete masonry
- gypsum wallboard
- ceramic/quarry tile
- acoustical tile
- resilient flooring
- carpet
- steel/iron
- aluminum
- small scale metal
- rough lumber
- large scale finish lumber
- small scale finish lumber
- large scale plywood
- small scale plywood
- batt/blanket insulation
- laminated plastic

INDEX OF SYMBOLS:



VIEW TITLE

Current Mandatory Codes as Adopted by DCA:

International Building Code
2012 Edition, with Georgia Amendments (2014) (2015) (2017)(2018)

International Residential Code
2012 Edition, with Georgia Amendments (2014) (2015)(2018)

International Fire Code
2012 Edition, with Georgia Amendments (2014)

International Plumbing Code
2012 Edition, with Georgia Amendments (2014) (2015)

International Mechanical Code
2012 Edition, with Georgia Amendments (2014) (2015)

International Fuel Gas Code
2012 Edition, with Georgia Amendments (2014) (2015)

National Electrical Code
2017 Edition (No Georgia Amendments)

International Energy Conservation Code
2009 Edition, with Georgia Supplements and Amendments (2011) (2012)

International Swimming Pool and Spa Code
2012 Edition, with Georgia Amendments (2014)

For information and questions regarding the Life Safety Code (NFPA 101) or the Georgia Accessibility Code please contact the State Fire Marshal's Office.

INDEX OF SHEETS

ARCHITECT'S STAMP

STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

INDEX OF SHEETS

ABBREVIATIONS
LEGENDS

MODIFIED DATE:

JOB NO: 1922

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

SHEET: **G-2**

GENERAL CONDITIONS OF THE CONSTRUCTION AGREEMENT

1. General
 1.1 The Work of the contract shall consist of all construction materials, labor, equipment and services required by the Drawings, Specifications and other Contract Documents, or as reasonably inferable from any or all of the Construction Documents.

 1.2 The Work of the project shall comply in all respects with applicable federal, state, county and/or city regulations, laws and codes. All required building and other permits shall be obtained before beginning construction.

 1.3 Substitution of items will not be permitted unless specifically approved by the Owner.

2. Owner
 2.1 The Owner shall furnish the Contractor with a survey of the project site if required.

 2.2 The Owner shall obtain and pay for the necessary approvals, easements and/or variances required for the construction of the project.

 2.3 If the Contractor fails to complete the Work, or part of the Work, of the Agreement in accordance with the Construction Documents and fails to correct such discrepancies, the Owner may, by written order, stop work on all or part of the project until the cause has been corrected.

 2.4 The Owner reserves the right to occupy the building space, or such portions thereof as may be desired, at any time without in any way invalidating this Agreement.

3. Contractor
 3.1 The Contractor shall be solely responsible for the Work described in the construction agreement. He shall have complete control over construction methods, techniques and procedures and shall supervise such work with his best skill and attention

 3.2 The Contractor shall pay for all labor, equipment, materials and services required to complete the Work as described in the Construction Agreement as well as building permits and other governmental fees, licenses and inspections necessary for the proper completion of the work.

 3.3 The Contractor shall be held responsible for all damages resulting from his, or his subcontractors, errors, omissions or negligence in the performance of the Work of the Construction Agreement.

 3.4 The Contractor shall hold harmless the Owner from and against all claims, damages, losses, expenses, legal fees or other costs resulting from the contractor's performance of the Work of the Construction Agreement.

 3.5 The Contractor shall provide the Owner access to the Work.

 3.6 The Contractor shall perform the Work in a timely manner; should the Contractor cease work for seven (7) consecutive calendar days and this cessation is not due to Acts of God or other items outlined in the Construction Documents, the Owner may terminate the agreement according to provisions in Sec. 11.

4. Subcontractors
 4.1 The Contractor shall select the subcontractors, except that he shall not use subcontractors to whom the Owner has a reasonable objection. The Contractor shall not be required to use a subcontractor to whom he has a reasonable objection.

5. Disputes
 5.1 Any claims or disputes between the Contractor and the Owner arising from this Agreement shall be resolved by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association unless both parties

6. Work By Other Contractor
 6.1 All contractors and subcontractors shall work in harmony with others on the project and shall afford the Owner and other subcontractors reasonable opportunity for the storage of materials and equipment.

7. Changes
 7.1 Changes, modifications, additions and/or deletions to the Work under this agreement will only be made by written order signed by the Owner and the Contractor. Any such changes will not invalidate this Agreement. The time for project completion and project cost will be adjusted accordingly.

8. Time
 8.1 If at any time the Contractor is delayed in performing the work under this agreement by Owner-requested changes, labor disputes, fire or other circumstances over which the Contractor has no control, the contract time shall be extended by the same amount of time as was caused by the delay.

9. Payments
 9.1 Payments will be made by the Owner to the Contractor in accordance with the payment schedule stipulated in the Agreement.

 9.2 Payments may be withheld because of any of the following conditions:

  a. Defective work not corrected.

  b. Failure of the Contractor to make payments to subcontractors or for materials, labor, equipment or services.

  c. Continued failure to perform the work in accordance with the terms and conditions set forth in this Agreement.

  d. Legal or other claims by third parties relating to the work performed under the Agreement.

 9.3 Final payment shall become due when the Work of the Agreement is completed in accordance with the Construction Documents, when a release for any and all liens arising out of this agreement or a Labor and Materials Payment Bond is submitted to the Owner and when all equipment operating manual and warranties are submitted to the Owner.

10. Insurance
 10.1 The Contractor shall furnish the Owner with the following certificates of insurance in the amounts indicated or other amounts as required by law, whichever is greater:

  a. Workmen's Compensation Insurance in the amount of not less than $500,000 each occurrence and $500,000 aggregate for bodily injury including Personal Injury.

  b. Property Damage in not less than $100,000.

  c. Comprehensive Auto Liability in the amount of not less than $250,000 each person, $500,000 each occurrence, and Property Damage in the amount of $100,000 each accident.

 10.2 The Owner shall maintain property insurance for the project to its full insurable value. This insurance shall include the interests of the bank, or other mortgage holder, if any, and the Owner and shall insure against all risks of physical loss or damage.

11. Termination of the Agreement
 11.1 If the Owner fails to make payment under the terms of the Agreement, through no fault of the Contractor, the Contractor may, upon seven (7) days written notice to the Owner, terminate the contract. The Owner shall pay for work completed and any proven loss with respect to materials, equipment and machinery and reasonable profit applicable to the work under this agreement.

 11.2 If the Contractor fails to carry out the Work in accordance with the Agreement and other Construction Documents, the Owner may, upon seven (7) days written notice to the Contractor, terminate the contract, and finish the work by whatever method the Owner determines. If the cost of completing the work exceeds the balance due under this agreement, the difference is to be paid to the Owner by the Contractor.

12. Allowances
 12.1 The contractor shall submit invoice amounts to owner reflecting actual costs for items covered under allowance provisions. The owner will recieve a credit for the difference.

13. Jurisdiction
 13.1 This agreement shall be governed by the laws of the place where the project is located.

BUILDING DEMOLITION

1. Demolish and remove from site those items so indicated on the Drawings.

2. Prior to start of demolition, carefully study the Drawings and these Specifications. In company with the Owner, visit the site and verify the extent of demolition to be performed under this Contract.

3. Seventy-two (72) hours prior to any demolition, notify the Utilities Protection Center at telephone number 811.
 This is required by the State of Georgia's "CALL- BEFORE-YOU-DIG" Law.

4. Shut off, cap and otherwise protect public utility lines in accordance with the requirements of the public agency or utility having jurisdiction.

5. Verify the proposed demolition will not be detrimental to the structural integrity of the building. If structural members are impacted, adequate temporary bracing shall be installed.

6. Completely remove footings, foundations, and above-ground and underground construction of all kinds.

7. Remove rocks larger than 6" diameter, all roots and debris.

8. Dispose of all debris in accordance with local regulations and Owner approval.

CLEARING

1. Clear the site as shown on the Drawings and as specified in this Section.

2. Protect the existing utilities indicated or made known.

3. Protect trees and shrubs, where indicated to remain, by providing a fence around the tree or shrub of sufficient distance away and of sufficient height so trees and shrubs will not be damaged in any way as part of this work.

4. Protection of persons and property:

 a) Barricade open depressions and holes occurring as part of this Work, and post warning lights on property adjacent to or with public access.

 b) Protect structures, utilities, sidewalks, pavements and other facilities from damage caused by settlement, lateral movement, undermining, washout and other hazards created by operations under this Section.

5. After the area has been cleared of vegetation, strip existing topsoil in those areas to be excavated. Stockpile in an area clear of new construction.

6. Dispose of all debris in accordance with local regulations and Owner approval.

EXCAVATION AND GRADING

1. Finish grades in the vicinity of the house, and in the area of the driveway, as shown on the Site Plan or a positive 10% slope away from structures 10' around perimeter.

2. Excavate for footings and piers to a minimum. of 1'-4" below existing grades or to firm, undisturbed soil bearing conditions, whichever is greater.
 Testing Lab to test building footing after excavation to insure safe bearing capacity of at least 3,000 psf.
 All fill within 5'-0" around structure to be compacted to 95% standard proctor.

3. Site retaining walls to be placed on soil with minimum bearing capacity of 3,000 psi.
 On completion of foundation walls and piers, backfill and tamp excavations to interior and exterior finish grades, keep all heavy equipment a minimum of 15' from foundation walls.

4. Install hay bales and silt fencing in run-off areas to avoid soil from washing into adjoining streams, property and roadways. Maintain erosion control measures throughout construction until adequate vegetation is present.

5. Install hay or other measures around the building to avoid staining of finished exterior.

ASPHALT PAVING

1. Provide asphaltic concrete paving where shown on the Drawings, as specified herein and as needed for a proper and complete installation.

2. Base aggregate maximum size:

 a) Base courses 6" thick: 1-1/2" topping.

 b) Compacted to 98%.

3. Comply with the provision of Asphalt Institute Specification SS-2:

 a) Asphalt cement: GA D.O.T. Spec. Type F

4. Thickness tolerance: provide the compacted thickness shown on the Drawings within a tolerance of minus 0.00" to plus 0.5".

5. Smoothness tolerance: provide the lines and grades shown the Drawings within a tolerance of 3/8" in 10'. Correct deviations by removing materials, replacing with new materials and reworking or recompacting as required.

6. Moisture content: use only the amount of moisture needed to achieve the specified compaction.

7. Variation from true elevation: within 1/2".

8. Do not commence placement of asphaltic concrete materials when the atmospheric temperature is below 50°F, nor during fog, rain or other unsuitable conditions.

CONCRETE WORK

1. All concrete materials in foundations, sub-slabs, elevated, slab on grade, retaining walls, slabs, curbs, driveways, etc. is to develop a compressive strength of 3,000 psi at 28 days. Minimum slab on grade thickness = 4".
2. Furnish and install grade 60 (ASTM A615) reinforcing steel and no. 6 x 6 - 10 / 10 or 6 x 6 - w1.4 x w1.4 wire mesh in all concrete including driveways and where shown on plans. (minimum lap = 6")
3. All continuous bars shall have 42 bar diameter tension lap splice (26" for #5 bars) with corner bars at all corners and wall intersections.
4. Furnish and install asphalt impregnated expansion joints as indicated on the drawings.
5. Stone fill below slabs on grade to receive treatment for termites. Prior to installation of vapor barrier, provide 5 year warranty for termite treatment. Treat under footings as well.
6. Sidewalks, patios and porches shall have a medium broom finish perpendicular to normal traffic.
7. Carports and interior exposed concrete shall have a smooth trowel finish with Ashford Formula curing compound.
8. All exposed concrete shall be air entrained concrete.

MASONRY

1. Concrete masonry units are to be equal to ASTM C-90 light-weight grade A.
2. Face brick shall be grade MW, type FBS with size, texture and colors to match existing or selected by Owner from manufacturer's standard.
3. Horizontal joint reinforcement shall be galvanized by Durawall or equal and spaced 16" o.c. vertically. (min. lap = 6")
4. Wall ties shall be adjustable masonry ties secured to each wall stud 16" vertically and 32" horizontally (max).
5. Mortar shall meet ASTM C270-84 type "M" above grade and type "S" below grade.
6. Mortar joints shall be 3/8" wide and tooled to match existing or as shown on the drawings.
7. Weep holes at 24" o.c. horizontally; flashing to be flexible rubber set in mastic and nailed 12" o.c. Weep holes to be above flashing at foundation and at all lintels.
8. Masonry installation should not be performed unless ambient temperature is 40°F and rising.
9. Tolerances:

 a) Plumb: 1/4" in 10'-0"
 b) Level: 1/4" in 20'-0"

10. Cleaning of brick shall be by nylon brush and Sure Kleen No. 600 or equal.
11. The masonry contractor is to protect all windows and doors with 6 mil Polyethylene if they have been installed.

STRUCTURAL STEEL AND ORNAMENTAL IRON

1. In addition to complying with pertinent codes and regulations, comply with:

 a) AISC "Specifications for Design, Fabrication and Erection of Structural Steel for Buildings".

 b) AISC "Code of Standard Practice".

2. Rolled steel plates, bars, and other miscellaneous shapes as noted in the Drawings: ASTM A36. Structural steel beams and columns: ASTM 572 GRADE 50.
3. Bolts, washers and nuts: A325 (damage threads after final installation).
4. All tube steel shall be ASTM A500, grade B.
5. Prime and paint all exposed members with a rust inhibitor paint after installation. All exposed steel, such as lintels, shall be galvanized.
6. All welded connection shall employ E70XX electrodes.
7. Install ornamental iron as shown on drawings, apply one coat of primer and two coats of rust inhibitor paint after installation.

ROUGH CARPENTRY

1. Provide wood, nails, bolts, screws, framing anchors and other items and perform rough carpentry for construction shown on the Drawings, as specified herein and as needed for a complete and proper installation.

2. Lumber materials: use lumber, S4S, S-Dry (moisture content 19%) unless otherwise indicated, grade marked complying with the following requirements:

 a) Girder framing:
  i. Species: Southern Yellow Pine
  ii. Grade: No. 2

 b) Joist Framing:
  i. Species: Southern Yellow Pine
  ii. Grade: No. 2

 c) Rafter framing:
  i. Species: Southern Yellow Pine
  ii. Grade: No. 2

 d) Wall stud:
  i. Species: Southern Yellow Pine
  ii. Grade: No. 1

 e) Ceiling joists:
  i. Species: Southern Yellow Pine
  ii. Grade: No. 1

 f) Concealed boards:
  i. Species: Southern Yellow Pine
  ii. Grade: No. 2

 g) Sill boards: pressure treated
  i. Species: Southern Yellow Pine
  ii. Grade: No. 2

 h) Structural light framing: No. 2 or better.

 i) Lumber for misc. uses: unless otherwise indicated, use standard grade lumber for support of other work, including bucks, nailer, blocking, furring, grounds, stripping and similar members.

 j) All laminated veneer lumber "LVL" shall be equal to Microlam as manufactured by the Truss Joist Corp. and shall provide allowable stress values that meet or exceed the following:
  Fb = 2,800 psi
  Fv = 285 psi
  E = 2,000,000 psi

3. Fasteners: galvanized steel for exterior, high humidity, and treated wood locations. Plain finish elsewhere.
4. Joist hangers: galvanized steel, sized to suit framing.
5. Anchors:

 a) Hollow masonry: toggle bolt.

 b) Solid masonry or concrete: expansion shield and lag bolt.

 c) Steel: bolt or ballistic fastener.

6. Plywood wall sheathing: CDX plywood 1/2" thick 10d nails 6" o.c. at edges, 12" o.c. in fill.
7. Sub-flooring: A-C exterior plywood tongue and groove, 3/4"thick, 1-3/4" screws 12" o.c. glued at each joist.
8. Roof sheathing: CDX plywood tongue and groove, 3/4" thick, 10d nails at 6" o.c. at edges, 12" o.c. in fill.
9. Underlayment: particle board, 3/4" thick with waterproof resin binder.
10. Sill flashing: galvanized steel or aluminum.
11. Subfloor glue: APA AFG-01, solvent base, waterproof, liquid nail subfloor or equal.
12. Building paper: 30# asphalt felt or Tyvek.
13. Termite shield: galvanized sheet steel or aluminum or galvalume.
14. Wood treatment: Thompson Water Seal where noted on the drawings.
15. All wood to wood connections shall employ metal anchors. No toe or end nailing shall be permitted, except for top and bottom plates in walls. Metal anchors shall be Simpson Strong-Tie or equal.
16. All multiple beams and lintels shall be nailed with 2 rows (1 top and 1 bottom) of 16d nails spaced at 12" o.c.
17. Studs or joists shall not be cut to install plumbing or wiring unless metal or wood side pieces are provided to strengthen the member. All cuts in timber to install plumbing or wiring shall be in accordance with the CABO One and Two Family Dwelling Code.

FINISH CARPENTRY (Verify exact kitchen cabinets and hardware with Owner.)

NOTE: Master bath, kitchen, laundry cabinetwork has been selected by owner from specialty cabinet supplier. Contractor to coordinate this work with owner's specialty contractor.

1. Perform work in accordance with Architectural Woodwork Institute Quality Standards.
2. Comply with local code requirements for fire-resistive construction.
3. All trim to be in shapes shown on Drawings. Wood is to be clear Pine, free of defects. Finger jointed members allowed only when member is to be painted.
4. All abutting joints are to be miter cut. Two abutting members in the same plane are to be spliced with 45° angle cuts.
5. All exterior trim and fascia boards are to be back primed before erection.

FOUNDATION DAMPROOFING \ WATER PROOFING

1. In areas where the damproofing shown and a crawl space is throughout the under structure: area, use the following:

 a) Bituminous Foundation Damproofing.
  i. Asphalt: ASTM D449, type 1.
  ii. Asphalt Primer: ASTM D41.

2. In areas where damproofing is shown and a finished or future finished basement is located, use the following:

 a) Membrane Waterproofing.
  i. "Sealtight Meinar" by W. R. Meadows, Inc., Elgin, IL or equal.

3. Install according to manufacturer's instructions after surfaces are cleaned.
4. Install clear 6 mil polyethylene throughout entire crawl space area over any exposed soil.

ARCHITECT'S STAMP

STATE OF GEORGIA · GORDON W. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION
1		

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

SPECIFICATIONS

MODIFIED DATE:

JOB NO: 1922

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

SHEET: SP-1

GENERAL NOTES:

THESE NOTES SHALL APPLY UNLESS OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.

STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. THE CONTRACTOR SHALL SURVEY THE EXISTING SITE AND THE ARCHITECTURAL MECHANICAL AND ELECTRICAL DRAWINGS TO DETERMINE THAT ALL MODIFICATIONS AS INDICATED IN THESE DRAWINGS ARE FEASIBLE AND PRACTICAL AND SHALL REPORT AND DISCREPANCY OR UNUSUAL CONDITIONS TO THE ARCHITECT.

CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OR SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD REINFORCING BARS SHALL CONFORM WITH ASTM A 615. ALL BARS SHOULD BE GRADE 60.

ALL CONCRETE SHOULD BE STANDARD WEIGHT 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS

ALL CONTINUOUS BARS SHOULD HAVE 42 BAR DIAMETER TENSION LAP SPLICE (26" FOR #5 BARS) WITH CORNER BARS AT ALL CORNERS AND WALL INTERSECTIONS.

IF, AFTER EXCAVATION, THE CONDITION OF THE SOIL INDICATES A SAFE BEARING CAPACITY OF LESS THAN 2000 PSI ON SOIL, THE ENGINEER SHALL BE NOTIFIED AND THE FOOTINGS REVISED IF NECESSARY.

TIMBER NOTES:

ALL TIMBER SHALL BE #2 SOUTHERN YELLOW PINE (M.C. - 19 %) OR EQUAL UNLESS OTHERWISE NOTED ON DRAWINGS. ALL STUDS SHALL BE #1 SYP. SEE NOTES ON SP-1.

ALL LAMINATED VENEER LUMBER "LVL" SHALL BE EQUAL TO MICRO-LAM AS MANUFACTURED BY THE THE TRUSS JOIST CORP. AND SHALL PROVIDE ALLOWABLE STRESS VALUES THAT MEET OR EXCEED THE FOLLOWING:

Fb	=	2,800 PSI
Fv	=	285 PSI
E	=	2,000,000 PSI

ALL WOOD TO WOOD CONNECTIONS SHALL EMPLOY METAL ANCHORS. NO TOE OR END NAILING SHALL BE PERMITTED, EXCEPT FOR TOP AND BOTTOM PLATES IN WALLS. METAL ANCHORS SHALL BE SIMPSON STRONG-TIE OR EQUAL.

ALL MULTIPLE BEAMS AND LINTELS SHALL BE NAILED WITH 2 ROWS (1 TOP AND 1 BOTTOM) OF 16D NAILS SPACED AT 12" O.C.

STUDS OR JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING UNLESS METAL OR WOOD SIDE PIECES ARE PROVIDED TO STRENGTHEN MEMBER. ALL CUTS IN TIMBER TO INSTALL PLUMBING OR WIRING SHALL BE IN ACORDANCE WITH THE CABO ONE AND TWO FAMILY DWELLING CODE.

ALL ROOF SHEATHING SHALL BE ¾"" CDX PLYWOOD WITH 10D NAILS AT 6" O.C. AT ALL PANEL BOUNDARIES AND 12" O.C. AT ALL INTERMEDIATE SUPPORTS. SEE SP-1.
ALL PLYWOOD JOINTS SHALL BE BLOCKED WITH DOUBLE 2 X 4 BLOCKING.

STEEL NOTES:

ALL STEEL BEAMS & CHANNELS SHALL CONFORM TO ASTM 572 GRADE 50. ALL ANGLES AND PLATES SHALL CONFORM TO ASTM A-36.

ALL TUBE STEEL SHALL BE ASTM A500, GRADE B.

ALL BOLTED CONNECTIONS SHALL EMPLOY ASTM A325 BOLTS.

ALL WELDED CONNECTIONS SHALL EMPLOY E70XX ELECTRODES

GENERAL STRUCTURAL NOTES & REQUIREMENTS FOR MASONRY CONSTRUCTION

1. CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OR SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD.
2. BACKFILL AGAINST WALLS SHALL BE DEPOSITED EVENLY AGAINST BOTH SIDES OF THE WALL UNTIL THE LOWER FINAL GRADE IS REACHED.
3. HOLLOW LOAD BEARING MASONRY UNITS SHALL CONFORM TO ASTM C90, LIGHTWEIGHT, WITH A MINIMUM COMPRESSIVE STRENGTH fm = 1500 PSI ON THE NET BLOCK AREA.
4. MORTAR SHALL CONFORM TO ASTM C270 CEMENT-LIME, TYPE M OR S.
5. HORIZONTAL WALL REINFORCEMENT SHALL BE #9 TRUSS TYPE WIRE REINFORCING AT 16" ON CENTER. LAP 16" MINIMUM.
6. ARCHITECTURAL CONCRETE BLOCK SHALL BE EITHER SPLIT-FACE OF SPLIT-RIB DESIGN PER ARCHITECT'S SELECTION. SPLIT-FACE ARCHITECTURAL BLOCK SHALL BE STANDARD FULL LENGTH SPLIT-FACE AND SCORED SPLIT-FACE. BLOCK COLOR SHALL BE STANDARD GRAY AND BLOCK SHALL BE SEALED AND/OR STAINED AS NOTED OR DETAILED.
7. CONSTRUCTION-CONTROL JOINTS IN MASONRY WALLS SHALL OCCUR AT ALL EXTERIOR MAIN BUILDING COLUMN CENTERLINES AND/OR AS SHOWN ON THE DRAWINGS. COORDINATE EXACT LOCATIONS WITH ARCHITECT PRIOR TO CONSTRUCTION OF WALLS.

NOTE:
ALL EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. CONTRACTOR IS TO VERIFY CORRECTNESS OF ALL EXISTING CONSTRUCTION.

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH JR.
7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

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REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

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MODIFIED DATE:

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14 FEB 2020

JOB NO:
1922

SHEET:
SP-2

GENERAL NOTES APPLICABLE TO THIS PROJECT

1. COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE FOLLOWING AS RELATED TO THIS PROJECT:
   A. STANDARD BUILDING CODE, LATEST EDITION ADOPTED AND ENFORCED BY LOCALLY APPLICABLE AUTHORITIES
   B. LIFE SAFETY CODE (NFPA 101), LATEST EDITION ADOPTED AND ENFORCED BY LOCALLY APPLICABLE AUTHORITIES
   C. PUBLISHED APPLICABLE REGULATIONS OF LOCAL AUTHORITIES, AGENCIES, ETC., AS PERTAIN TO THIS PROJECT AND ITS SITE.
   D. REQUIREMENTS OF THE STATE IN WHICH THE PROJECT IS LOCATED, INCLUDING STATE FIRE MARSHAL, AS APPLICABLE.
   E. FEDERAL REQUIREMENTS AS APPLICABLE
   F. D.O.T. REQUIREMENTS AS APPLICABLE
   G. O.S.H.A. REGULATIONS AS APPLICABLE
   H. STANDARD PLUMBING CODE, STANDARD MECHANICAL CODE, STANDARD GAS CODE, STANDARD ELECTRICAL CODE, STANDARD FIRE PREVENTION CODE, STANDARD EXISTING BUILDING CODE AND HOUSING CODE, LATEST EDITION(S) AS ADOPTED AND ENFORCED BY LOCALLY APPLICABLE AUTHORITIES
   I. NFPA #13 IF AUTOMATIC SPRINKLER FIRE PROTECTION SYSTEM IS INCLUDED

2. IN THE EVENT OF A CONFLICT BETWEEN REQUIREMENTS AND/OR RECOMMENDATIONS OF VARIOUS CODES AND/OR AUTHORITY AND/OR REGULATORY AGENCY REQUIREMENTS THE MORE STRINGENT OF THOSE IN CONFLICT SHALL GOVERN.

3. CURB CUTS , DRIVE ENTRANCES, CONSTRUCTION ENTRANCES, CURB AND GUTTER TYPES,AND INSTALLATIONS THEREOF SHALL CONFORM TO THE REQUIREMENTS OF THE AUTHORITY GOVERNING THE PROJECT, THE PROJECT SITE AND ACCESS–EGRESS THERETO.

4. COORDINATE THE CONNECTION TO EXISTING UTILITIES WITH LOCAL UTILITIY COMPANIES.

5. PROVIDE SITE EROSION CONTROLS DURING AND AFTER CONSTRUCTION INCLUDING BUT NOT LIMITED TO SILT CONTROL FENCING AT LOW POINTS AT ALL PROPERTY LINES. THESE CONTROLS SHALL CONFORM STRICTLY TO ALL PUBLISHED AND OTHERWISE APPLICABLE REQUIREMENTS AND GUIDELINES FOR CONTROLLING EROSION AND STORM WATER RUN–OFF AND PROTECTION OF ADJACENT PROPERTIES.

6. PROVIDE GENERAL CONSTRUCTION ENTRANCES TO ACCESS THE PROJECT SITE DURING CONSTRUCTION. CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED OF COMPACTED GRAVEL (STONE) OF THE TYPE AND SIZE REQUIRED BY THE LOCALLY APPLICABLE AUTHORITIES. WHERE POSSIBLE THE CONSTRUCTION ENTRANCES SHALL BE LOCATED WHERE THE FINAL SITE ENTRANCE DRIVE(S) IS PLANNED TO BE LOCATED (SEE SITE PLAN). KEEP MUD, STORM WATER DRAINAGE AND OTHER DEBRIS OFF OF PUBLIC STREETS AND ADJACENT PROPERTIES.

7. PROVIDE POSITIVE SITE DRAINAGE TO ROUTE STORM WATER AWAY FROM BUILDINGS. INCLUDE "FRENCH" DRAINS AND/OR OTHER APPROVED MEANS OF POSITIVE UNDERGROUND DRAINAGE AT ALL BELOW–GRADE WALLS AND WALL FOUNDATIONS.

8. ALL PRE–MANUFACTURED ('PRE–FAB') BUILDING AND/OR STRUCTURAL ELEMENTS, COMPONENTS, ETC. SHALL BE DESIGNED BY A STRUCTURAL ENGINEER CURRENTLY REGISTERED IN THE LOCALITY OF THE PROJECT AND COMPLETE SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SEALED BY THE ABOVE REGISTERED ENGINEER SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF THESE ELEMENTS AND/OR COMPONENTS.

9. SEE SOILS TEST REPORTS AND RECOMMENDATIONS FOR ADDITIONAL INFORMATION REGARDING FOUNDATION DESIGN AND SOILS PREPARATION AND COMPACTION PARAMETERS.

10. COMPACT ALL EARTH (FILL AND 'VIRGIN' SOIL) UPON WHICH CONSTRUCTION IS TO TAKE PLACE INCLUDING DRIVES AND PARKING AREAS TO 98% OPTIMUM PROCTOR DENSITY OR BETTER UNLESS OTHERWISE RECOMMENDED IN SOILS TEST REPORTS. ALL ORGANIC MATERIALS MUST BE REMOVED FROM CONSTRUCTION SITE PRIOR TO CONSTRUCTION OR INSTALLATION AND/OR CONSTRUCTION OF FOUNDATIONS, SLABS AND/OR PAVING.

11. PROVIDE SOILS POISONING TREATMENT IN ACCORDANCE WITH CURRENT FHA–VA STANDARD REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION OF SLABS, FOOTINGS, ETC. INCLUDE WRITTEN CONFIRMATION OF METHOD, TIMING AND AREAS OF TREATMENT USED AND INCLUDE DATE REQUIRED TO RETREAT IN ORDER TO CONTINUE WARRANTY OF TERMITE AND OTHER PEST AND/OR RODENT INFESTATION PREVENTION TREATMENT.

12. PROTECT ALL EXISTING TREES WHICH ARE NOT DIRECTLY AFFECTED BY THE PHYSICAL CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR REPLACEMENT (WITH LIKE SIZE AND SPECIE) OF ANY TREES DAMAGED AND/OR REMOVED UNNECESSARILY AND/OR BY CONTRACTOR'S ERROR.

13. UNLESS HVAC DRAWINGS AND SPECIFICATIONS ARE INCLUDED IN THIS SET OF DOCUMENTS, HVAC CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR THE DESIGN, INSTALLATION (INCLUDING COORDINATION WITH OTHER RELATED TRADES, E.G. ELECTRICAL, PLUMBING, ETC.) AND THE PERFORMANCE OF THE COMPLETE HVAC SYSTEM. COMPLETE SUBMITTALS SHOWING EQUIPMENT AND INSTALLATION PARAMETERS, LOCATIONS AND REQUIREMENTS (INCLUDING STRUCTURAL) OF ALL EQUIPMENT PROPOSED, WRITTEN DOCUMENTATION DEPICTING PERFORMANCE CHARACTERISTICS RELATIVE TO EXTERIOR TEMPERATURE CONDITIONS MUST BE SUBMITTED AS PART OF THE HVAC CONTRACTOR'S SUBMITTALS PRIOR TO INSTALLATION OF THE PROPOSED SYSTEM. COMPLIANCE WITH CURRENT A.S.H.R.A.E. RECOMMENDATIONS SHALL BE CONSIDERED A REQUIREMENT.

14. ALL WATER SUPPLY, DRAIN AND/OR CONDENSATE LINES WHICH OCCUR IN CEILING CAVITIES, ATTIC, BASEMENT OR CRAWL SPACES SHALL BE FULLY INSULATED TO PROTECT PIPES FROM FREEZING AND TO PREVENT CONDENSATION. ENTRANCE PIPING AT HOSE BIBBS SHALL BE THOROUGHLY INSULATED AND OPENINGS AT THESE LOCATIONS SHALL BE THOROUGHLY SEALED. HOSE BIBBS SHALL BE FURNISHED WITH ANTI–SIPHONING DEVICES AND SHALL BE OF FREEZE–PROOF CERTIFIED DESIGN.

15. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE INSTALLATION, CIRCUITING, ETC. OF FIXTURES, EQUIPMENT, APPLICANCE AND DEVICES, ETC. SHOWN, NOTED, SCHEDULED AND/OR OTHERWISE LOGICALLY IMPLIED BY THESE DOCUMENTS. ALL PANELS SHALL BE CLEARLY AND COMPLETELY LABELED TO SHOW AS CLEARLY AS POSSIBLE THE AREAS, FIXTURES, EQUIPMENT, DEVICES, ETC. WHICH MAY BE CONTROLLED AND/OR SERVICED BY EACH CIRCUIT AND CIRCUIT BREAKER ETC. SPARE BREAKERS SHALL BE LABELED.

16. MAINTENANCE MANUALS, WARRANTIES, OPERATIONAL INSTRUCTION MATERIAL, ETC. FOR ALL EQUIPMENT, FIXTURES, APPLIANCES, ETC. INCLUDED IN THE PROJECT SHALL BE DELIVERD TO THE OWNER (VIA THE ARCHITECT) PRIOR TO FINAL PAYMENT FOR ANY CATEGORY OF WORK.

17. CONTRACTOR'S LIABILITY TO OBTAIN APPROVED ITEMS ON SCHEDULE BECAUSE OF HIS FAILURE TO PLACE A TIMELY ORDER SHALL NOT BE CONSIDERED SUFFICIENT CAUSE FOR AN UNAPPROVED SUBSTITUTION.

18. INSTALLATION OF A MATERIAL OR PRODUCT, OR APPLICATION OF A FINISH AND/OR A MATERIAL ON A SURFACE BY A SUBSEQUENT PROCESS OR OPERATION, SUPPLIER OR APPLICATOR SHALL CONSTITUTE ACCEPTANCE OF THE EXISTING SURFACES, CONDITIONS, ETC. UNLESS OTHERWISE STATED IN ADVANCE IN WRITING.

19. AIA DOCUMENT A201 (1997 EDITION) "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" SHALL BE CONSIDERED AN INTEGRAL PART OF THE REQUIREMENTS OF THIS PROJECT. ANY MODIFICATIONS TO THIS DOCUMENT SHALL BE GENERATED IN WRITING AND SHALL BE AGREED UPON IN WRITING BY ALL PARTIES CONCERNED IN ORDER TO BE VALID.

20. INCLUDE PURCHASE AND INSTALLATION OF APPROVED PORTABLE FIRE EXTINGUISHEERS AS REQUIRED AND/OR RECOMMENDED BY NFPA–10 FOR THE OCCUPANCY AND BUILDING TYPE INDICATED. LOCATE AS DIRECTED BY ARCHITECT AND/OR LOCAL AUTHORITIES.

GENERAL CLEARING AND GRUBBING NOTES

A. Remove all brush, tops, & limbing debris from site.

B. Contractors are responsible for obtaining all permits and approvals for land disturbing operations.

C. All laoding and unloading of equipment must take place on the site and not on adjacent property or in designated "tree save areas".

D. Clean mud from vehicles before leaving the site and traveling on paved right–of–ways. Water is available on site for washing down vehicles

E. On site burning will be permitted to the extent allowed by law. It shall be the Contractor's responsibility to obtain all required permits for "on premise" burning.

F. Use all necessary care to protect the roots and branches of adjacent trees to remain, and to prevent damage to existing construction, persons,

G. Do not park any vehicles or store any equipment in designated "tree save area" or any access drive or loading dock area.

H. It shall be the grading Contractor's responsibility to remove & dispose of all stumps and roots from the job site.

TIMBER NOTES:

ALL TIMBER SHALL BE #2 SOUTHERN YELLOW PINE (M.C. – 19%) OR EQUAL UNLESS OTHERWISE NOTED ON DRAWINGS. ALL STUDS SHALL BE HEM–FIR STUD GRADE OR EQUAL.

ALL LAMINATED VENEER LUMBER "LVL" SHALL BE EQUAL TO MICRO–LAM AS MANUFACTURED BY THE TRUSS JOIST CORP. AND SHALL PROVIDE ALLOWABLE STRESS VALUES THAT MEET OR EXCEED THE FOLLOWING:

Fb = 2,800 PSI
Fv = 285 PSI
E = 2,000,000 PSI

ALL WOOD TO WOOD CONNECTIONS SHALL EMPLOY METAL ANCHORS. NO TOE OR END NAILING SHALL BE PERMITTED, EXCEPT FOR TOP AND BOTTOM PLATES IN WALLS. METAL ANCHORS SHALL BE SIMPSON STRONG–TIE OR EQUAL.

ALL MULTIPLE BEAMS AND LINTELS SHALL BE NAILED WITH 2 ROWS OF 16d NAILS SPACED AT 12" O.C.

STUDS OR JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING UNLESS METAL OR WOOD SIDE PIECES ARE PROVIDED TO STRENGTHEN THE MEMBER. ALL CUTS IN TIMBER TO INSTALL PLUMBING OR WIRING SHALL BE IN ACCORDANCE WITH THE CABO ONE AND TWO FAMILY DWELLING CODE.

ALL ROOF SHEATHING SHALL BE 1/2" CDX PLYWOOD WITH 10d NAILS AT 6" O.C. AT ALL PANEL BOUNDARIES AND 12" O.C. AT ALL INTERMEDIATE SUPPORTS.

ALL WALL SHEATHING SHALL BE 1/2" CDX PLYWOOD WITH 10d NAILS AT 6" O.C. AT ALL PANEL BOUNDARIES AND 12" O.C. AT ALL INTERMEDIATE SUPPORTS. ALL PLYWOOD JOINTS SHALL BE BLOCKED WITH DOUBLE 2 X 4 BLOCKING.

STEEL NOTES:

ALL STEEL BEAMS, CHANNELS, ANGLES AND PLATES SHALL CONFORM TO ASTM A–36.

ALL TUBE STEEL SHALL BE ASTM A500, GRADE B.

ALL BOLTED CONNECTIONS SHALL EMPLOY ASTM A325 BOLTS.

ALL WELDED CONNECTIONS SHALL EMPLOY E70XX ELECTRODES.

GENERAL NOTES:

THESE NOTES SHALL APPLY UNLESS OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.
STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. THE CONTRACTOR SHALL SURVEY THE EXISTING SITE AND THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TO DETERMINE THAT ALL MODIFICATIONS AS INDICATED IN THESE DRAWINGS ARE FEASIBLE AND PRACTICAL AND SHALL REPORT ANY DISCREPANCY OR UNUSUAL CONDITIONS TO THE ARCHITECT.
CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OR SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD.
REINFORCING BARS SHALL CONFORM WITH ASTM A 615. ALL BARS SHALL BE GRADE 60.
ALL CONCRETE SHALL BE STANDARD WEIGHT 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
ALL CONTINUOUS BARS SHALL HAVE 42 BAR DIAMETER TENSION LAP SPLICE (26" FOR #5 BARS) WITH CORNER BARS AT ALL CORNERS AND WALL INTERSECTIONS.
IF, AFTER EXCAVATION, THE CONDITION OF THE SOIL INDICATES A SAFE BEARING CAPACITY OF LESS THAN 200 PSF ON SOIL, THE ENGINEER SHALL BE NOTIFIED AND THE FOOTINGS REVISED IF NECESSARY.

LINTEL SCHEDULE

OPENING WIDTH		FOR EACH 4" WALL THICKNESS	WALL DIMENSION AND REINFORCING			
			LIGHTWEIGHT CONCRETE BLOCK			
MIN.	MAX.	STEEL	DEPTH	4" WALL	6" WALL	8" WALL
——	2'–0"	∠ –3 1/2X3X1/4SLV	7 5/8"	1#4	1#4BOT.	1#4BOT.
2'–1"	3'–6"	∠ –3 1/2X3X1/4SLV	7 5/8"	1#4	1#4 T&B	1#4BOT.
3'–7"	5'–0"	∠ –3 1/2X3X1/4SLV	7 5/8"	1#4	1#4 T&B	1#5BOT.
5'–1"	6'–6"	∠ –4X3 1/2X1/4LLV	7 5/8"	——	1#6 T&B	1#7BOT.
6'–7"	8'–0"	∠ –5X3 1/2X1/4LLV	7 5/8"	——	1#6 T&B	1#8BOT.
8'–1"	12'–0"	∠–6X3 1/2X5/16LLV	15 5/8"	——	1#6 T&B	1#8BOT.

NOTES: 1. DO NOT USE THIS SCHEDULE IF CONCENTRATED LOAD IS APPLIED TO LINTEL.
2. PROVIDE 1'–4"(MIN.) BEARING AT EACH END FOR MASONRY.
3. PROVIDE 8"(MIN.) BEARING AT EACH END FOR STEEL.

SEE MECH'L. DWGS. & ARCH'L. DWGS. FOR QUANTITY & LOCATION OF OPENING AT DOORS, WINDOWS, LOUVERS, VENTS AND RECESSED OPENINGS.

ARCHITECT'S STAMP

STATE OF GEORGIA · GORDON W. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

REVISIONS

⚠	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

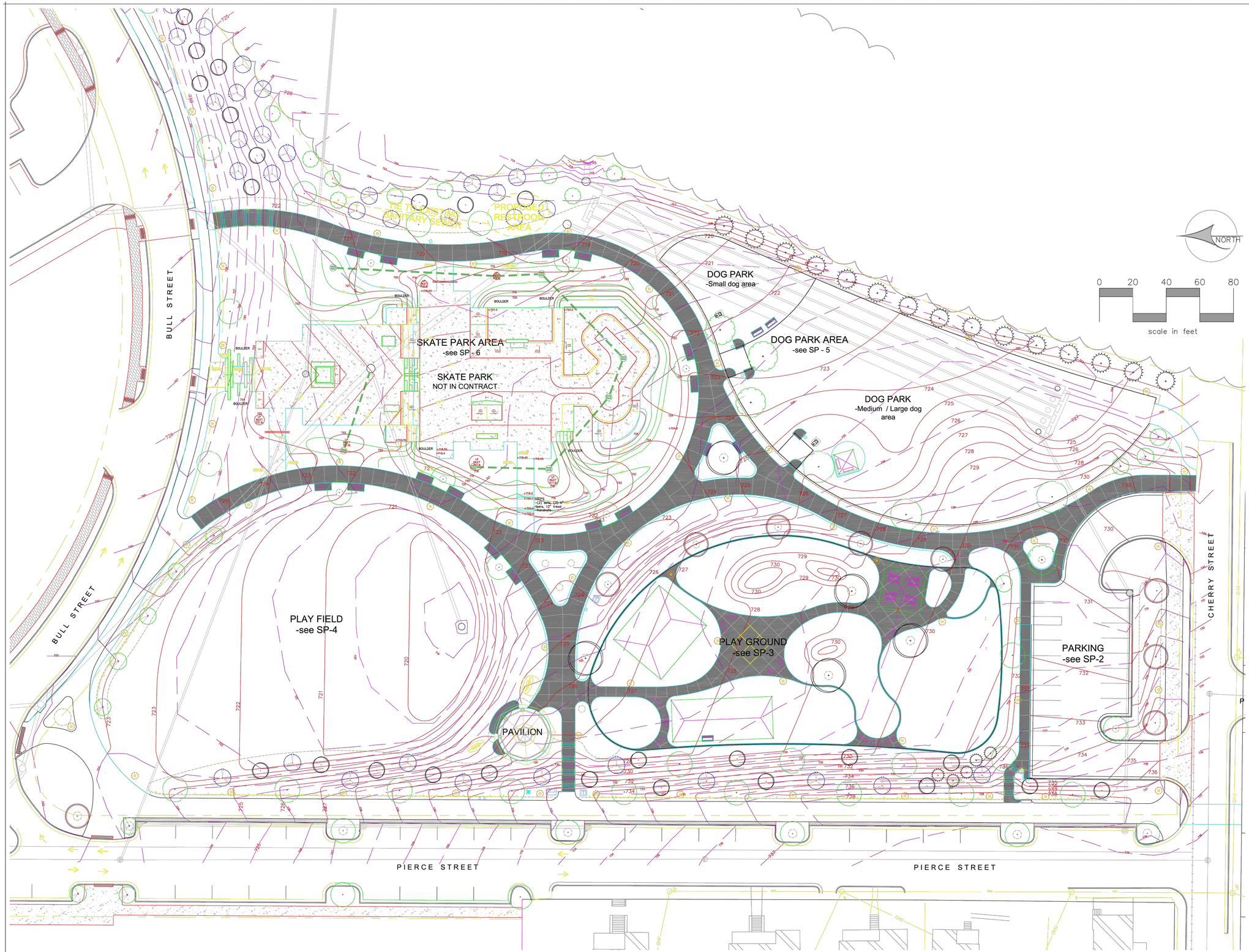
GENERAL NOTES

MODIFIED DATE:

JOB NO: 1922

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

SHEET: **SP-3**



David Barclift, LLC
landscape architecture
land planning
3524 Sunderland Way, NE
Atlanta, GA 30319
404-375-8609

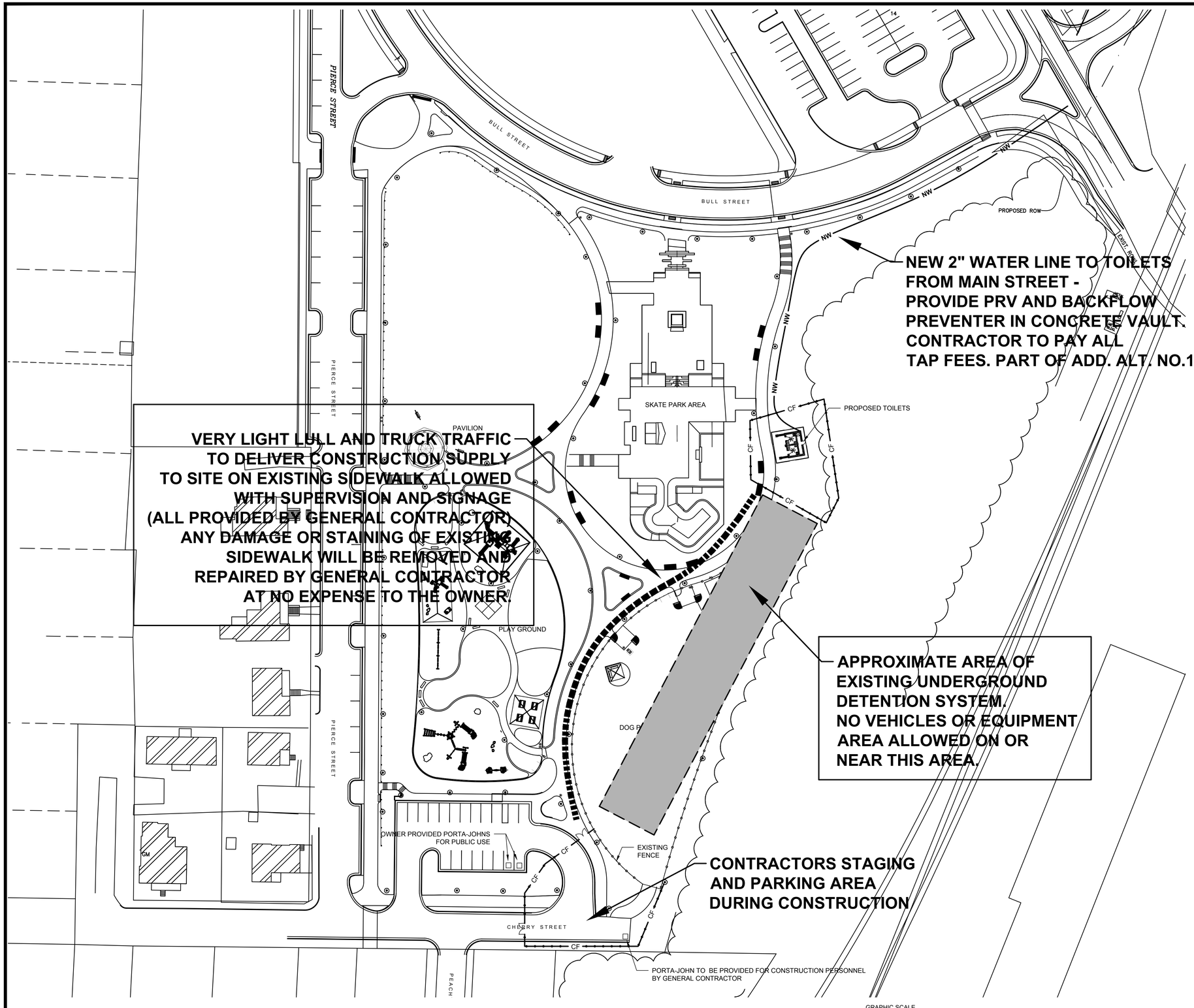
master plan / key

southbend park
site improvements
LAGRANGE, GA

EXISTING SITE

MARCH 16, 2018

SHEET **SD-0** 1.0



1 SD-1 OVERALL SITE PLAN
Scale: 1" = 40'-0"

GRAPHIC SCALE
0' 10' 20' 40' 80'

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH, JR.
7575
REGISTERED LANDSCAPE ARCHITECT
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LEGEND

CF — 6'-0" HIGH CHAIN LINK CONSTRUCTION FENCE WITH SCREEN

NW — **ADDITIVE ALTERNATIVE #1** NEW 2" WATER LINE BY GENERAL CONTRACTOR

BASE BID: STUB WATER LINE 5'-0" OUTSIDE OF BUILDING

REVISIONS

	DATE	DESCRIPTION
1		

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

OVERALL SITE PLAN

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JOB NO:
1922

SHEET:
SD-1

EXISTING 12" PVC SEWER LINE

NEW DOG HOUSE MAN HOLE - RIM AT 721.0'
INVERT IN FROM SOUTH AT 713.0'
INVERT IN FROM WEST AT ±710.0' (G.C. FIELD VERIFY)
SEE DETAILS ON SHEET SD-5.

NEW 4" SANITARY SEWER TO TIE INTO EXISTING

EXISTING UNDERGROUND DETENTION SYSTEM: NO VEHICLES OR EQUIPMENT

BOULDER

POST LIGHT

SOD

KEYNOTES

1. SANITARY SEWER CLEAN-OUT UP TO GRADE. SEE DETAIL.
2. REMOVE EXISTING TREES. REPLANT TEMPORARY - THEN - REPLANT AFTER CONSTRUCTION IS COMPLETE.
3. INCLUDE REMOVAL AND REPLACEMENT OF EXISTING CONCRETE SIDEWALK IN THIS AREA AT THE END OF THE PROJECT.

1 SD-2 PARTIAL SITE PLAN
Scale: 1" = 10'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT
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SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

PARTIAL SITE PLAN

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JOB NO:
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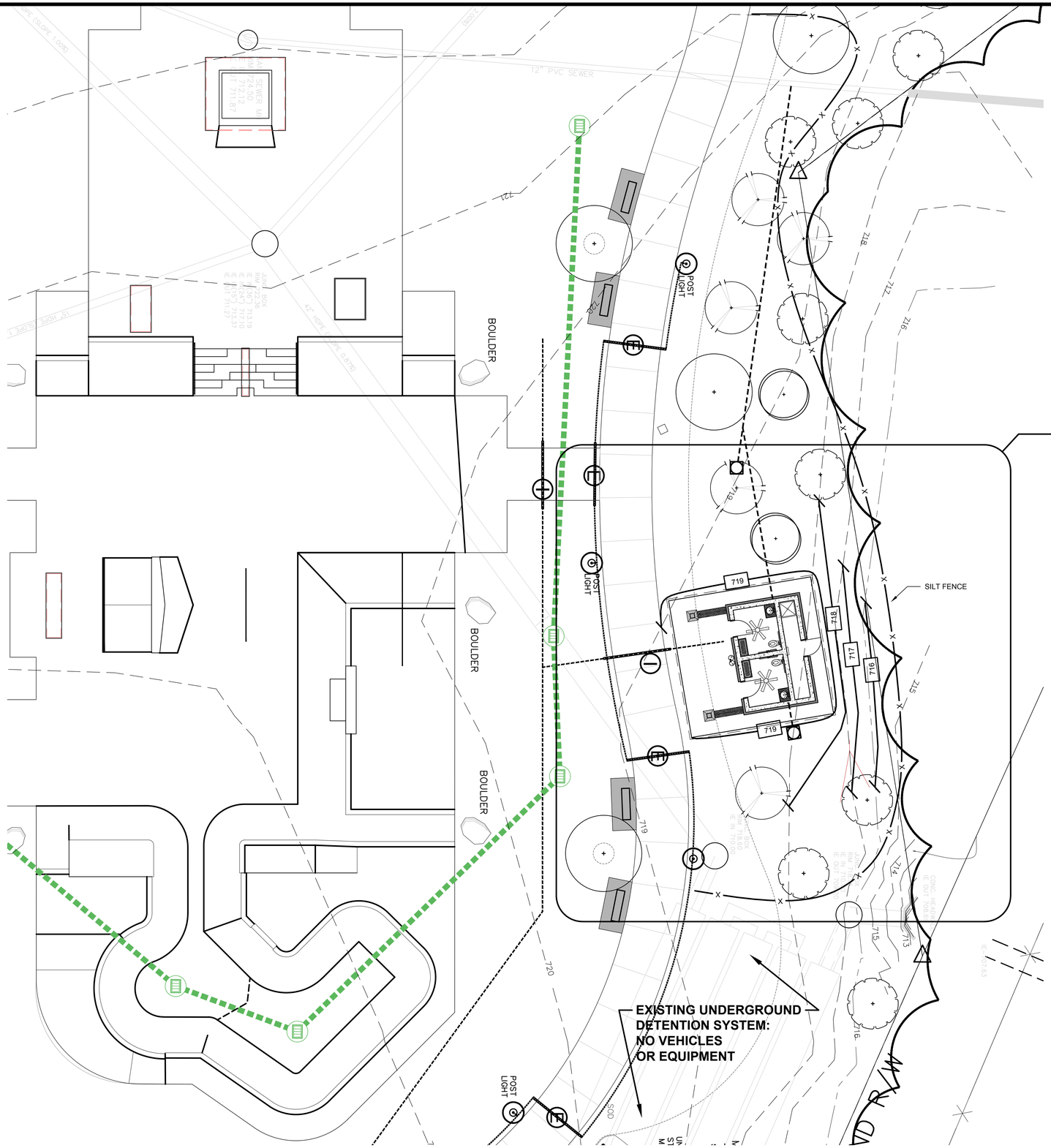
SHEET:
SD-2



LEGEND

719 — EXISTING CONTOUR

719 — NEW CONTOUR

X — SILT FENCE: SEE 'C' AND 'D' ON SHEET SD-7

SITE CONSTRAINTS

DUE TO EXISTING SITE CONDITIONS CONTRACTOR IS TO INCLUDE THE COST OF CONCRETE PUMP TRUCK, AND A GROUND PIPE OF APPROX. 250'-0" TO POUR CONCRETE FOR TOILET CONSTRUCTION.

1 SD-3 PARTIAL SITE PLAN - PROPOSED

Scale: 1" = 10'-0"

GRAPHIC SCALE

0' 2' 5' 10' 20'

ARCHITECT'S STAMP

STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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REVISIONS

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TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

PARTIAL SITE PLAN

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JOB NO:
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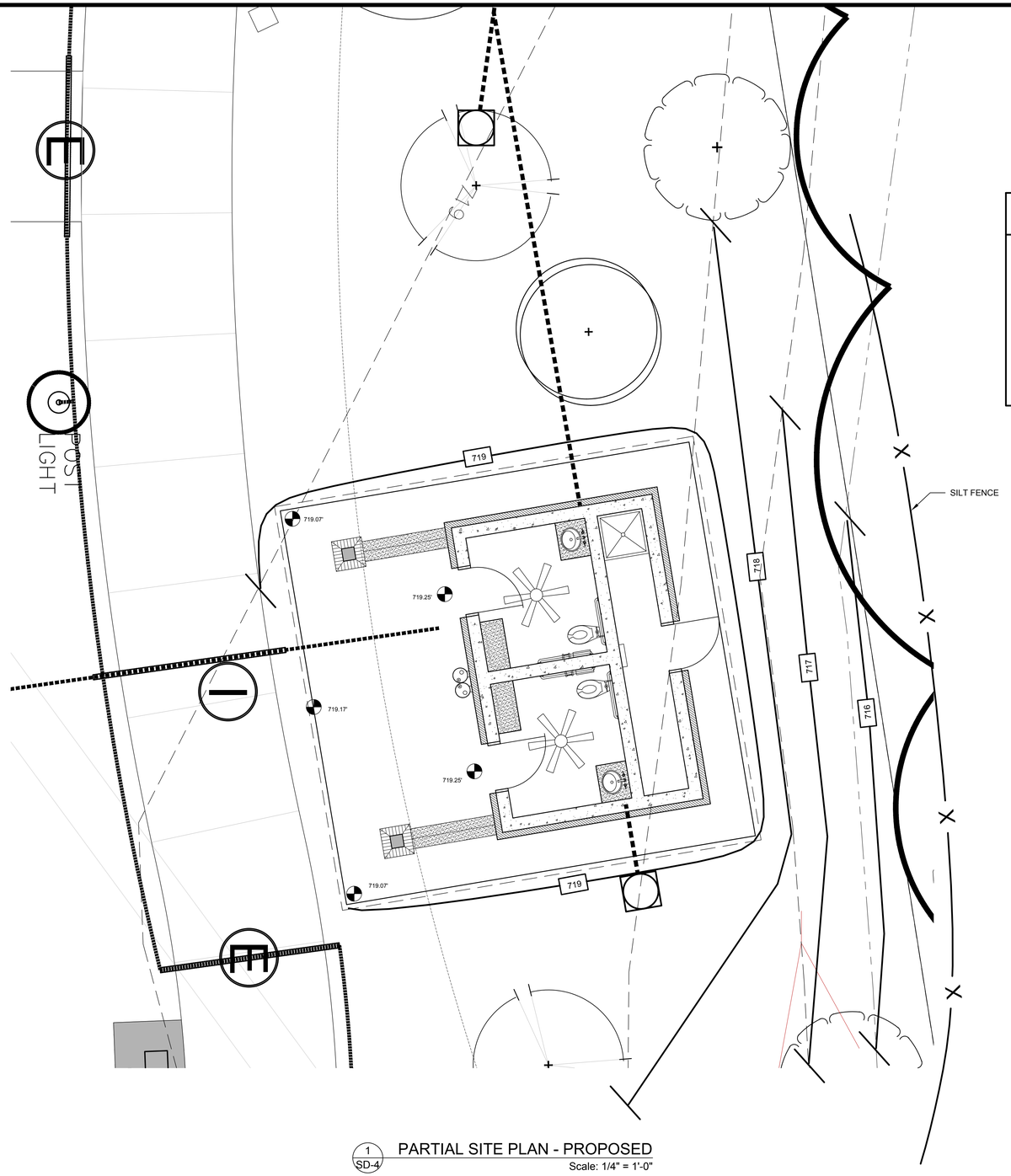
SHEET:
SD-3



1 SD-4 PARTIAL SITE PLAN - PROPOSED
Scale: 1/4" = 1'-0"

LEGEND

719 EXISTING CONTOUR

719 NEW CONTOUR

X SILT FENCE: SEE 'C' AND 'D' ON SHEET SD-7

SITE CONSTRAINTS

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GROVER W. SMITH JR.
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TITLE:

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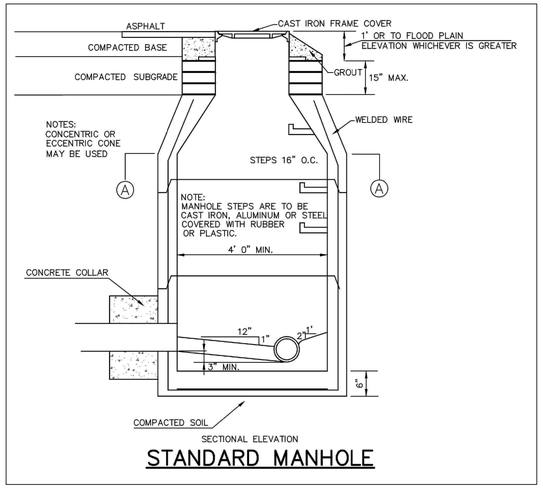
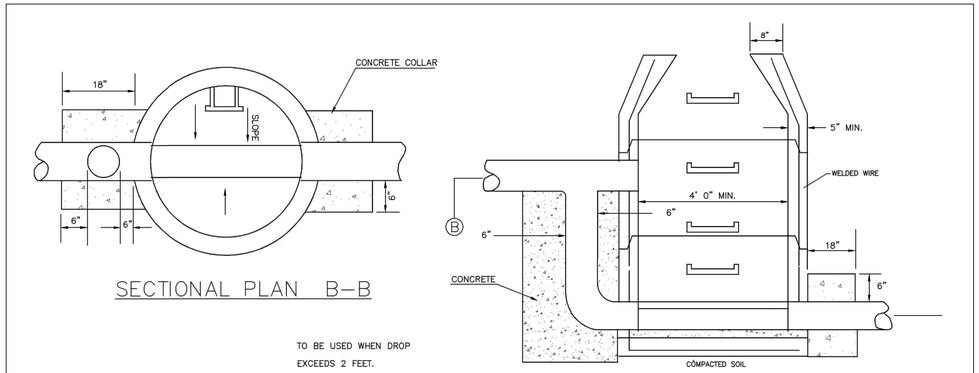
SHEET:
SD-4



SECTIONAL ELEVATION

STANDARD MANHOLE

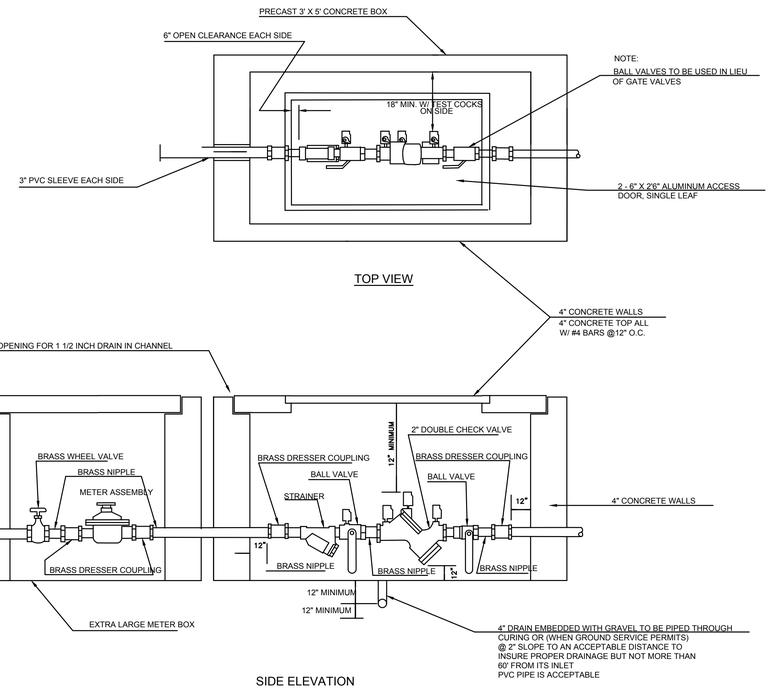


SECTIONAL PLAN B–B

TO BE USED WHEN DROP EXCEEDS 2 FEET.

SECTIONAL ELEVATION

DROP MANHOLE



SIDE ELEVATION

TYPICAL 1 1/2" - 2" SERVICE CONNECTION WITH DOUBLE CHECK VALVE ASSEMBLY INSTALLED IN NON-TRAFFIC AREA

(NTS)

A SD-5 DOMESTIC WATER SITE DETAILS

SCALE: NONE

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REVISIONS

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PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

SITE DETAILS / NOTES AND SPECIFICATIONS

MODIFIED DATE:

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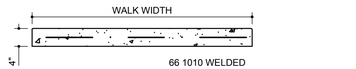
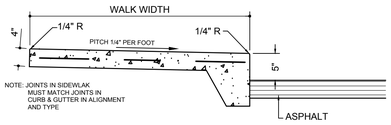
SD-5



1A / SD-6 TYPICAL WALK

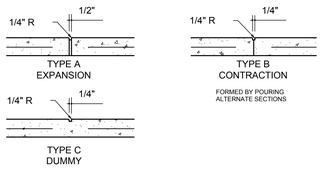
NOTE: DO NOT PITCH ANY FRONT, REAR, OR SIDE YARD WALKS UNLESS SO INDICATED ON GRADING PLAN.



TURNDOWN SIDEWALK ADJACENT TO PAVING

1 / SD-6 TYPICAL CONCRETE WALK SECTIONS

SCALE 3/4" = 1'-0"



NOTES

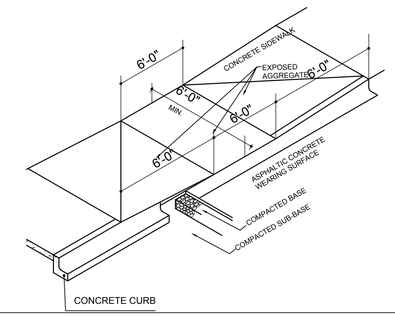
(1) CONSTRUCT TYPE A JOINT AT INTERVALS NOT EXCEEDING 40'-0" WHERE WALK ABUTTS OTHER CONCRETE OR MASONRY SURFACES AND AT OTHER LOCATIONS MARKED ON THE DRAWINGS.

(2) CONSTRUCT TYPE B JOINT AT INTERVALS NOT EXCEEDING 20'-0" OR AT MID-POINT OF WALK AND AT OTHER LOCATIONS MARKED ON THE DRAWINGS.

(3) CONSTRUCT TYPE C JOINT AT INTERVALS NOT EXCEEDING 5'-0" AND AT OTHER LOCATIONS MARKED ON THE DRAWINGS.

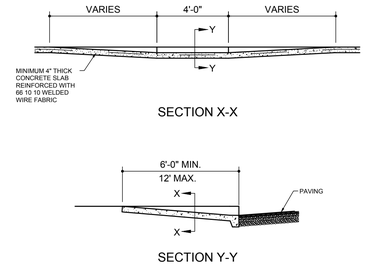
2 / SD-6 CONCRETE WALK JOINTS

SCALE 3/4" = 1'-0"



3 / SD-6 ISOMETRIC-WHEELCHAIR RAMP WARPED SIDEWALK/ DROPPED CURB

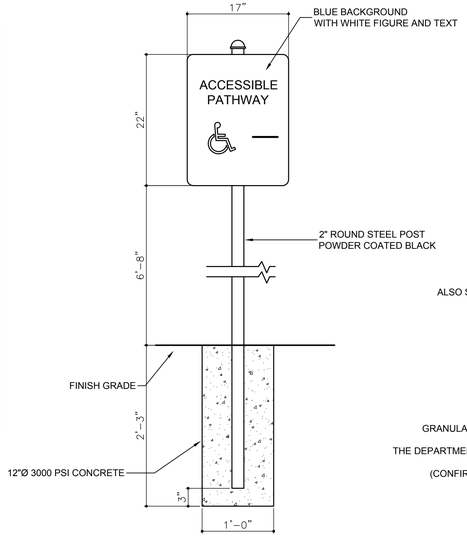
SCALE 1/4" = 1'-0"



4 / SD-6 WHEELCHAIR RAMP DETAILS WARPED SIDEWALK/ DROPPED CURB

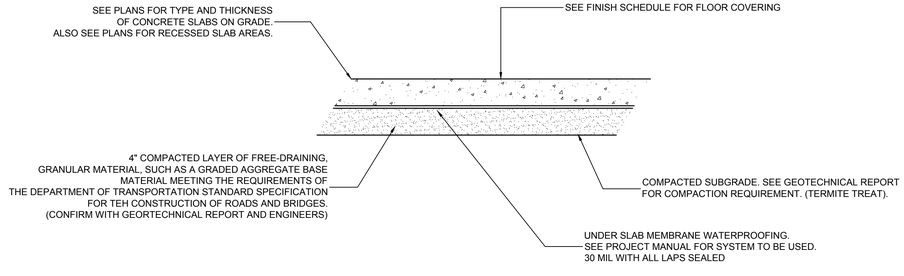
SCALE 1/4" = 1'-0"

NOTES:
1. METAL POST TO BE POWDER COATED. ALL NUTS, BOLTS, WASHERS AND SCREWS MUST BE RUST PROOF.
2. NOT USED.
3. CONCRETE FOR FOOTING SHALL BE PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
4. SIGNS WILL BE FABRICATED BY USING REFLECTIVE COATING IN THE SYMBOL, MESSAGE AND BORDER APPLIED TO A SHEET ALUMINUM BACKING (.080) IN THICKNESS.
5. MESSAGE LETTERING SHALL BE UPPERCASE (WHITE) (SERIES B) 2" HIGH IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
6. THE SYMBOL IS COMPOSED OF TWO ELEMENTS: A WHITE WHEELCHAIR FIGURE (WHICH SHOULD ALWAYS FACE RIGHT) ON A SQUARE BACKGROUND, INTERNATIONAL BLUE IN COLOR (FED. STD. 595a, COLOR #15180.
7. SIGN POST SHALL BE 2'-0" CLEAR FROM BACK OF CURB.



12 / SD-6 ACCESSIBLE PATHWAY SIGNAGE

SCALE: 1" = 1'-0"



13 / A2-6 SLAB ON GRADE (TYPICAL)

NOT TO SCALE

ARCHITECT'S STAMP
STATE OF GEORGIA
GORDON W. SMITH JR.
7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
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www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

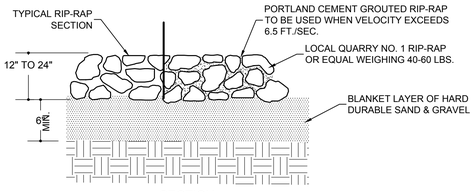
SITE DETAILS / NOTES
AND SPECIFICATIONS

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

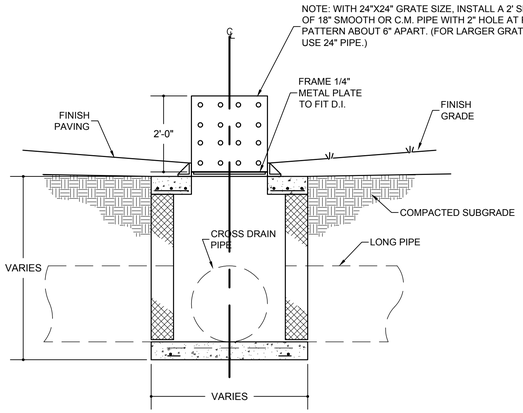
JOB NO:
1922

SHEET:
SD-6

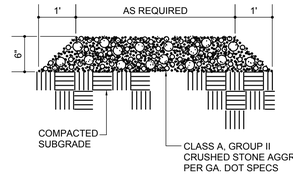


SECTION

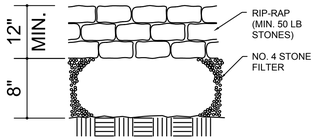
TYPICAL RIP-RAP SECTION



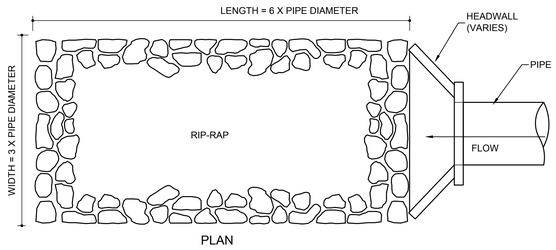
SILT GRATE FOR DROP INLETS



TEMPORARY CONSTRUCTION EXIT



RIP RAP DETAIL



PLAN

RIP-RAP PLACEMENT DETAIL

NOTE: "RIP-RAP"

#1 RIP-RAP IS LARGE STONE HAVING A WEIGHT OF APPROXIMATELY 40 TO 60 LBS., THIS MATERIAL WILL SUFFICE TO VELOCITIES UP TO 6 FEET PER SECOND. TO MEET WEIGHT CRITERIA FOR HIGHER VELOCITIES RIP-RAP SHOULD BE GROUTED. FOR VELOCITIES FROM 6.5 TO 10 FT./SEC. A 12" DOUBLE LAYER OF GROUTED RIP-RAP SHOULD BE USED. FROM 10 TO 15 FT./SEC. A 18" TRIPLE LAYER OF RIP-RAP SHOULD BE USED. DIMENSIONS OF THIS BLANKET ARE TO BE 6 TIMES THE PIPE DIAMETER FOR THE LENGTH AND AT LEAST 3 TIMES THE DIAMETER FOR THE WIDTH, THIS WIDTH SHOULD BE UP THE SIDES OF THE SECTION AND SHOULD ACCOMMODATE THE 10 YEAR STORM LEVEL.

GRADED RIP-RAP STONE

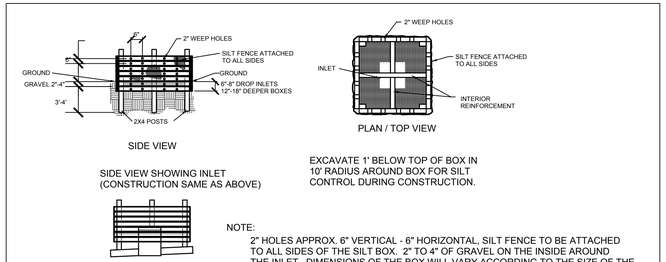
D.O.T. NO.	SIZE INCHES (sq. opening) MAX.	AVG.	MIN.	COMMON USES
TYPE 3	12	9	5	CREEK BANKS PIPE OUTLETS LAKES & SHORELINES RIVERS
TYPE 1	24	12	7	

Georgia Department of Transportation

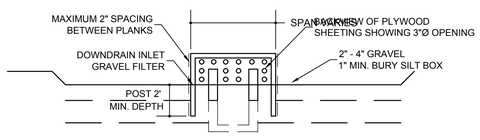
FILTER BEDDING STONE

D.O.T. NO.	NOMINAL SIZES (inches)
3	2" - 1"
4	1 1/2" - 3/4"
5	1" - 1/2"
6	3/4" - 3/8"
57	1" - NO. 4

Georgia Department of Transportation



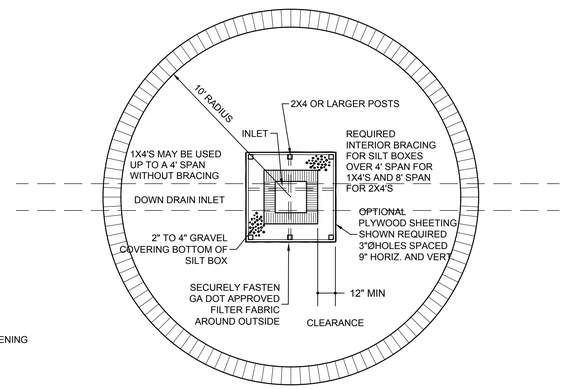
SEDIMENT TRAP BOX



PROFILE
NO SCALE

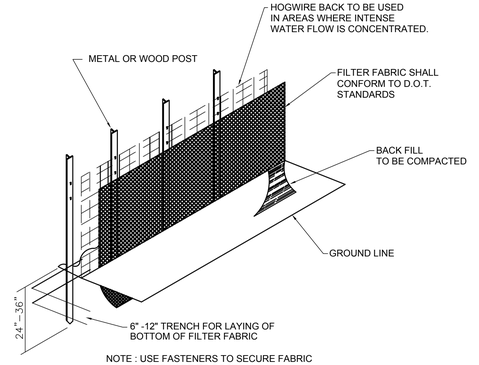
DIMENSIONS SHOWN ARE MINIMUMS ACTUAL SIZE OF BOX WILL VARY ACCORDING TO SIZE OF INLET

TEMPORARY SEDIMENT TRAP



PLAN
NO SCALE

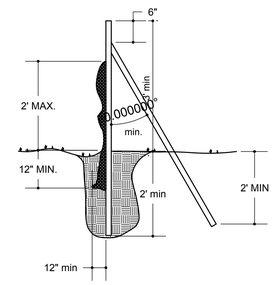
C
SD-7



NOTE : USE FASTENERS TO SECURE FABRIC AND WIRE TO POST

SILT FENCE DETAIL

D
SD-7



SILT FENCE BRACING DETAIL

THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO AND CONCURRENT WITH LAND DISTURBING ACTIVITIES.

ARCHITECT'S STAMP

STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION
1		

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

SITE DETAILS / NOTES AND SPECIFICATIONS

MODIFIED DATE:

ISSUED DATE:
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1922

SHEET:
SD-7

PROJECT DESCRIPTION

This project site is approximately 4.8 acres of a total site acreage.
Approximately .08 acres will be developed for a tennis center expansion.

VEGETATION:

The site is presently paved with curb and gutter and landscaping. Topsoil will be stockpiled, and spread on areas to be vegetated. Trees outside the clearing limits will be protected from damage by appropriate markings. Supplemental vegetation will be established.

EROSION CONTROL PROGRAM:

Clearing will be kept to an absolute minimum. Vegetation and mulch will be applied to applicable areas immediately after grading is completed. Gravel will be applied to roadways as soon as grading is completed. Land disturbing activities will be scheduled to limit exposure of bare soils to erosive elements. Storm water management structures will be used to prevent erosion in areas of concentrated water flows. Erosion at the exits of all storm water structures will be prevented by the installation of storm drain outlet protection devices. Approximately .1 acres are to be disturbed as part of this project.

SEDIMENT CONTROL PROGRAM:

Sediment control will be accomplished by the installation of approximately 190 linear feet of silt fence and installation of a construction entrance/exit.

STANDARDS AND SPECIFICATIONS:

All designs will conform to and all work will be performed in accordance with the 2003 EPA Construction General Permit and specific Sediment Control in Georgia, as well as all local ordinances.

SAFETY PROTECTION:

Construction activities will be performed in compliance with all applicable laws, rules, and regulations.

MAINTENANCE PROGRAM:

Sediment and erosion control measures will be inspected daily, and any damages observed will be repaired by the end of that day. Clean out of sediment control structures will be accomplished in accordance with the specifications and sediment disposal will be accomplished by spreading on the site. Sediment barriers will remain in place until sediment contributing areas are stabilized. Silt fences and other barriers will then be removed and the areas occupied by these structures planted. Guidelines for the maintenance of established vegetation will be provided to the owner when all disturbed areas are stabilized.

GENERAL NOTES:

1. All work performed shall be in accordance with all applicable standards, specifications and practices as established by the local governing agency and City of LaGrange, County of Troup, State of Georgia.

2. The Contractor shall meet all applicable Federal, State, and local codes, laws, regulations, and requirements.

3. The Contractor is responsible for obtaining and maintaining all permit requirements. Prior to starting construction the general contractor shall be responsible to verify that all required permits and approvals have been obtained. No construction or fabrication of any item shall begin until the contractor has received all plans and any other documentation from all of the permitting and other authorities. Failure of the contractor to follow this procedure constitutes his financial responsibility for any subsequent modification of the work mandated by any regulatory authority.

4. The general contractor shall be responsible for on site mulching of all existing vegetation and demolition of structures necessary to develop the site. The general contractor shall remove and recycle all trash and debris from the site upon completion of the project.

5. Dimensions, building location and grading of this site are based on available information at the time layout. Deviations may be necessary in the field. Any such changes or conflicts between this plan and the field conditions are to be reported to the Architect in writing prior to starting construction.

6. Do not scale from drawings.

7. Contractor shall be responsible for verification of all property lines, setbacks and/or easements before beginning construction on all buildings and canopies.

8. All new side slopes shall not exceed 1' vertical to 3' horizontal.

9. All slopes are to be stabilized at earliest practical time.

10. All areas shall be graded to provide positive drainage - into appropriate drainage inlets - and away from proposed building structures.

11. All final grading shall be smooth and uniform.

12. All disturbed uncovered areas shall be appropriately grassed or mulched 6" after topsoil is re-spread.

13. All pavement surfaces that are to be removed, both concrete and asphalt, shall be saw cut in a straight line before pavement is removed.

14. All building and painting subgrade areas shall be compacted in 8" layers to 95% of the maximum dry density at optimum moisture content as determined in accordance with ASTM D-1557 current edition.

15. Commercial driveways are to be constructed in accordance with applicable standard regulations, standards and specifications of the City, County, or State Department of Transportation.

16. For all paved surfaces, the following grades shall be maintained: 10% maximum and 1.5% minimum.

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL

1. THE AREA TO BE DISTURBED ON THIS PROJECT IS APPROXIMATELY .08 ACRES.
2. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION DUE TO CONDITIONS NOT SHOWN ON PLANS.
3. FAILURE TO PROPERLY INSTALL AND MAINTAIN EROSION CONTROL PRACTICES MAY RESULT IN CONSTRUCTION BEING HALTED.
4. EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY AND FOLLOWING RAINFALL AND REPAIRED BY CONTRACTOR OR OWNER.
5. ALL SILT FENCING SHALL COMPLY WITH DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE A LETTER OF WARRANTY THAT MATERIALS MEET THESE SPECIFICATIONS AND THAT THE FABRIC IS ON THE D.O.T. QUALIFIED PRODUCTS LIST (QPL) #36.
6. TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION SHALL BE PROVIDED WITHIN TWO WEEKS OF REACHING FINAL GRADE.
7. STORM DRAIN SYSTEMS SHALL BE MAINTAINED CLEAN AND FREE OF SILT AND DEBRIS.
8. A RESPONSE TO A NOTIFICATION OF NON-COMPLIANCE OR INADEQUATE MEASURES SHALL BE MADE WITHIN 3 WORKING DAYS AFTER RECEIVING SUCH NOTIFICATION.
9. PERMANENT VEGETATION SHALL BE PROVIDED AT THE EARLIEST SUITABLE GROWING SEASON.
10. CONSTRUCTION BEGIN DATE IS JULY 1, 2018.
11. CONSTRUCTION COMPLETION DATE IS JAN ,1 2019.
12. IMPLEMENTATION AND MAINTENANCE:
    - A. IMPLEMENTATION: NOTIFY THE DEPARTMENT OF ENGINEERING 24 HOURS PRIOR TO COMMENCING WORK.
        1. NO CLEARING, GRADING, FILLING, OR OTHER LAND DISTURBING ACTIVITIES SHALL BE PERMITTED UNTIL APPROVED EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED, EXCEPT THOSE OPERATIONS NEEDED TO INSTALL SUCH MEASURES.
        2. THESE EROSION AND SEDIMENT CONTROL MEASURES SHALL APPLY TO ALL FEATURES OF THE CONSTRUCTION SITE INCLUDING BUT NOT LIMITED TO STREET AND UTILITY INSTALLATIONS AS WELL AS TO THE PROTECTION OF INDIVIDUAL LOTS.
    - B. MAINTENANCE: ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR OR PERMITEE DURING THE CONSTRUCTION PHASE OF THE DEVELOPMENT AND UNTIL PERMANENT STABILIZATION OF DITCHES, SHOULDERS, SLOPES AND ALL DISTURBED AREAS IS ACCOMPLISHED TO ELIMINATE THE NEED FOR THE TEMPORARY CONTROL MEASURES WHICH SHALL THEN BE REMOVED BY SAME.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ARCHITECT'S STAMP

STATE OF GEORGIA · GREGORY W. SMITH · 7575 · REGISTERED LANDSCAPE ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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SOUTHBEND PARK

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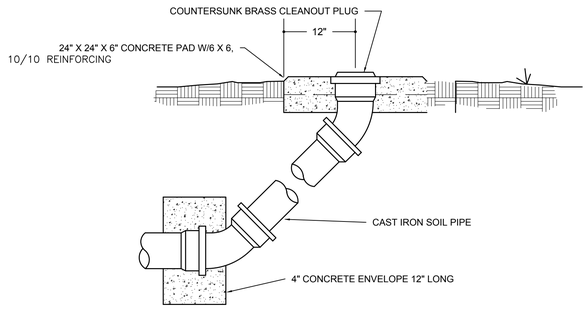
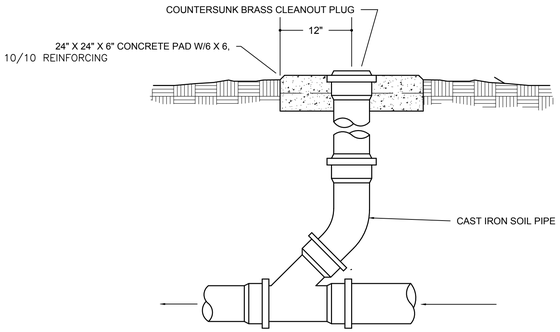
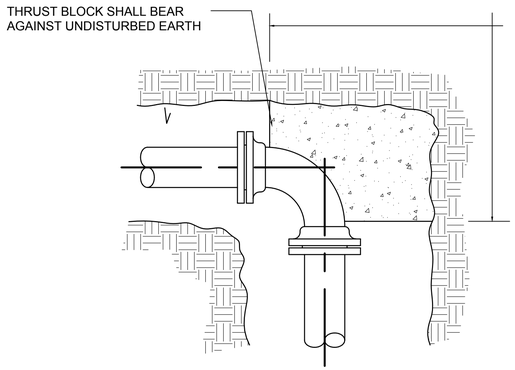
SD-8



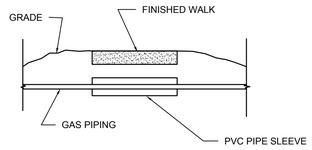
1 / SD-9 CLEANOUT AT END OF LINE
NOT TO SCALE



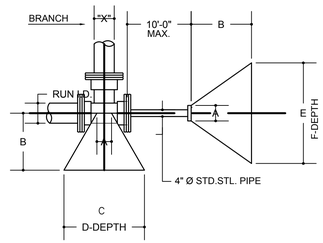
2 / SD-9 CLEANOUT UP TO GRADE
NOT TO SCALE

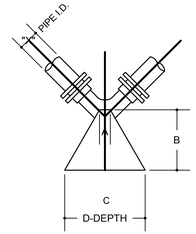


3 / SD-9 WATER MAIN ANCHOR DETAIL
NOT TO SCALE



5 / SD-9 GAS PIPING UNDER WALK
NOT TO SCALE





BLOCKING DIMENSIONS							
TEES							
	"X"	A	B	C	D	E	F
12"	12"	1'-0"	3'-0"	4'-6"	3'-0"	4'-6"	3'-0"
	10"	1'-0"	3'-0"	4'-0"	2'-6"	4'-6"	3'-0"
	8"	1'-0"	3'-0"	3'-3"	2'-0"	4'-6"	3'-0"
	6"	1'-0"	3'-0"	2'-6"	1'-6"	4'-6"	3'-0"
	4"	1'-0"	3'-0"	1'-9"	1'-0"	4'-6"	3'-0"
10"	10"	1'-0"	2'-6"	4'-0"	2'-6"	4'-0"	2'-6"
	8"	1'-0"	2'-6"	3'-3"	2'-0"	4'-0"	2'-6"
	6"	1'-0"	2'-6"	2'-6"	1'-6"	4'-0"	2'-6"
	4"	1'-0"	2'-6"	1'-9"	1'-0"	4'-0"	2'-6"
8"	8"	0'-10"	2'-3"	3'-3"	2'-0"	3'-3"	2'-0"
	6"	0'-10"	2'-3"	2'-6"	1'-6"	3'-3"	2'-0"
	4"	0'-10"	2'-3"	1'-9"	1'-0"	3'-3"	2'-0"
6"	6"	0'-8"	1'-6"	2'-6"	1'-6"	2'-6"	1'-6"
	4"	0'-8"	1'-6"	1'-9"	1'-0"	2'-6"	1'-6"
4"	4"	0'-6"	1'-0"	1'-9"	1'-0"	1'-9"	1'-0"

4 / SD-9

BLOCKING DIMENSIONS					
TEES					
	"X"	A	B	C	D
90° BEND	12"	12"	4'-3"	6'-0"	3'-3"
	10"	12"	3'-6"	5'-0"	2'-9"
	8"	10"	2'-9"	4'-0"	2'-3"
	6"	8"	2'-0"	3'-0"	1'-9"
	4"	6"	1'-9"	2'-6"	1'-0"
45 ° BEND	12"	12"	2'-9"	4'-3"	2'-6"
	10"	12"	1'-9"	3'-0"	2'-6"
	8"	10'	1'-6"	2'-6"	2'-0"
	6"	8"	1'-3'	2'-0"	1'-6"
	4"	6"	1'-3"	2'-0"	0'-9"
22-1/2° BEND	12"	12"	1'-9"	3'-0"	1'-9"
	10"	12"	1'-4"	2'-6"	1'-6"
	8"	10"	1'-0"	2'-0"	1'-3"
	6"	8"	0'-9"	1'-6"	1'-0"
	4"	6"	0'-9"	1'-0"	0'-9"

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH JR.
7575
REGISTERED LANDSCAPE ARCHITECT
SIGNATURE REQUIRED

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206 WEST HARALSON STREET
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PIERCE STREET
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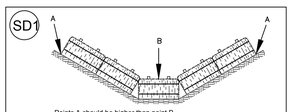
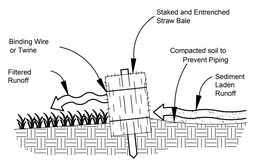
SD-9

PERMANENT GRASSING SPECIFICATIONS
MARCH 1 TO JUNE 30
BERMUDA, COMMON (HULLED) - 10 LBS/AC
OR
APRIL 1 TO JUNE 30
CENTIPEDE - BLOCK SOD ONLY

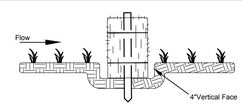
TEMPORARY SEEDING SPECIFICATIONS
AUGUST 1 TO APRIL 15
RYEGRASS, ANNUAL - 40 LBS/AC
OR
AUGUST 15 TO DECEMBER 30
RYE - 3 BU/AC
OR
APRIL 15 TO AUGUST 31
MILLET, PEARL - 50 LBS/AC



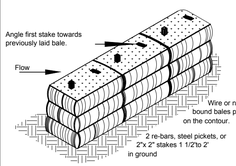
Points A should be higher than point B
PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY



NOTE: Embed hay bales a minimum of 4".
CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE
Figure 6-13.1



EMBEDDING DETAIL



ANCHORING DETAIL

NOTE:
-Anchor and embed into soil to prevent washout or water working under barrier.
-Repair or replacement must be made promptly as needed

STAKED HAYBALE BARRIERS
NTS
Figure 6-13.2

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL

1. The area to be disturbed on this project is_____1.0 ACRES_____.
2. Additional erosion and sediment control measures shall be installed if deemed necessary by site inspection due to conditions not shown on plans.
3. Failure to properly install and maintain erosion control practices may result in construction being halted.
4. Erosion control measures will be inspected at least weekly and following rainfall and repaired by contractor.
5. All silt fences shall comply with Georgia Department of Transportation standards and specifications. Contractor shall provide a letter of warranty that materials meet these specifications and that the fabric is on the DOT qualified list (QPL) #36.
6. Temporary or permanent vegetative stabilization shall be provided within two weeks of reaching final grade.
7. Storm drain systems shall be maintained clean and free of silt and debris.
8. A response to a notification of Non-Compliance or inadequate measures shall be made within 3 working days after receiving such notification.
9. Soil series for this project _____

11. The site is located on Soil Survey Sheet No. _____.
12. Construction begin date is_____.
13. Construction completion date is_____.
14. IMPLEMENTATION AND MAINTENANCE:
A. IMPLEMENTATION: Notify the Department of Engineering 24 hours prior to commencing work.
1.) No clearing, grading, filling or other land disturbing activities shall be permitted until approved erosion and sediment control measures have been installed, except those operations needed to install such measures.
2.) These erosion and sediment control measures shall apply to all features of the construction site, including, but not limited to, street and utility installations as well as to the protection of individual lots.
B. MAINTENANCE:
All erosion and sediment control measures shall be continuously maintained by the contractor or owner during the construction phase of the development and until permanent stabilization of ditches, shoulders, slopes and all disturbed areas is accomplished to eliminate the need for the temporary control measures which shall then be removed by same.
C. To facilitate acceptance of the streets and improvements prior to establishment of such permanent stabilization, a specific bond in the amount of a specific for the cost of maintaining the temporary control measures, including temporary grassing and establishing the permanent stabilization within a reasonable time relative to the growing season shall be provided with the request for acceptance.
D. If full implementation of the approved plan does not provide for effective erosion control, additional erosion control measures shall be implemented to control or treat the sediment source.

SPECIES	YEAR	ANALYSIS OR EQUIVALENT N–P–K	RATE	N TOP DRESSING RATE
1. COOL SEASON GRASSES	FIRST SECOND MAINT	6–12–12 6–12–12 10–10–10	1500 lbs/AC 1000 lbs/AC 400 lbs/AC	50–100 LBS/AC 1/2/ – 30 LBS/AC
2. COOL SEASON GRASSES AND LEGUMES	FIRST SECOND MAINT	6–12–12 0–10–10 0–10–10	1500 lbs/AC 1000 lbs/AC 400 lbs/AC	0–50 LBS/AC 1/ – –
3. GROUND COVERS	FIRST SECOND MAINT	10–10–10 10–10–10 10–10–10	1300 lbs/AC 1300 lbs/AC 1100 lbs/AC	– – –
4. PINE SEEDLINGS	FIRST	20–10–15	one 21 gram pellet per seedling placed in the closing hole	–
5. SHRUB LEEPEDEZA	FIRST MAINT	0–10–10 0–10–10	700 lbs/AC 700 lbs/AC	–
6. TEMP COVER CROP SEEDED DONE	FIRST	10–10–10	500 lbs/AC	30 LBS/AC 5/
7. WARM SEASON GRASSES	FIRST SECOND MAINT	6–12–12 6–12–12 10–10–10	1500 lbs/AC 800 lbs/AC 400 lbs/AC	50–100 LBS/AC 2/6/ 50–100 LBS/AC 2/ 30 LBS/AC
8. WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINT	6–12–12 0–10–10 0–10–10	1500 lbs/AC 1000 lbs/AC 400 lbs/AC	50 LBS/AC 6/

1/ APPLY IN SPRING FOLLOWING SEEDING
2/ APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED
3/ APPLY IN THREE SPLIT APPLICATIONS
4/ APPLY WHEN PLANTS ARE PRUNED
5/ APPLY TO GRASS SPECIES ONLY
6/ APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES

GA. UNIFORM CODING SYSTEM - STRUCTURAL PRACTICES

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

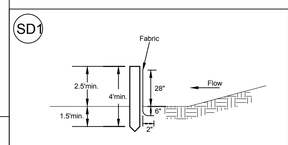
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAMS			A small temporary barrier or dam constructed across a swale,drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel, existing stream, or ditch.
Co	CONSTRUCTION EXIT		Co (Label)	A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets
Di	DIVERSION			An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE		Dn1 (Label)	A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
Dn2	PERMANENT DOWNDRAIN STRUCTURE		Dn2 (Label)	A paved chute, pipe, sectional conduit or similar material, temporary or permanent, designed to safely conduct surface runoff down a slope.
Ga	GABION			Rock filled baskets which are hand-placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE		Gr (Label)	Permanent structures installed to protect natural or artificial channels or waterways where other-wise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of water into less erosive sheet flow. this should be constructed only on undisturbed soils.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or drainageways.
Re	RETIANING WALL		Re (Label)	A wall installed tp stabilize cut and fill slopes where maximum permissable slopes are not obtainable. Each situation will require special design.
Rt	RETROFITTING		Rt (Label)	A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
Sd1	SEDIMENT BARRIER		TYPE (Indicate type)	A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a sediment fence. The barriers are usually temporary and inexpensive.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out. the basin is usually temporary but may be designed as a permanent pond or stormwater retention device.
Sr	TEMPORARY STREAM CROSSING		Sr (Label)	A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.
St	STORM DRAIN OUTLET PROTECTION		St	A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Su	SURFACE ROUGHENING		Su	A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Tp	TOPSOILING		Tp (Show Striping & Storage Areas)	The practice of stripping off the more fertile top soil, storing it, then spreading it over the disturbed area after the completion of construction activities.
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions terraces, berms, dikes or similar structures.

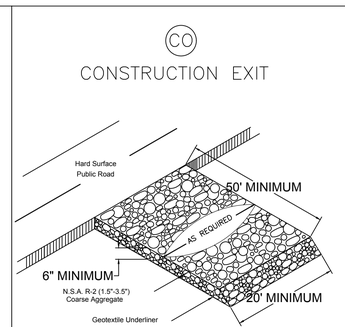
VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Bf	BUFFER ZONE		Bf (Label)	An undisturbed natural " green belt " separating the land-disturbed site from surrounding property and bordering streams. It serves to reduce water velocity and remove some sediment It is also at times a noise or " vision pollution" barrier.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Ds1	Establishing temporary protection for disturbed areas where seedings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)		Ds2	Establishing a temporary vegatative cover with fast growing seedings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)		Ds3	Establishing permanent vegatative cover such as trees, shrubs, vines, grasses,sod, or legumes on disturbed areas.
Du	DUST CONTROL ON DISTURBED AREAS		Du	Controlling surface and air movement of dust on construction sites, roadways and similar sites.

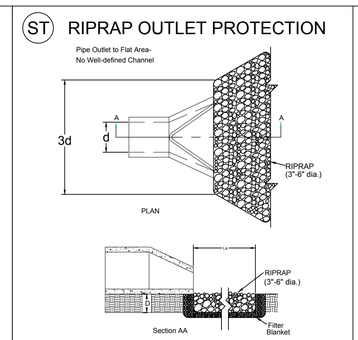
THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.



NOTE: Use 36" D.O.T. approved fabric.
Use wood or steel posts.
NTS
SILT FENCE-TYPE A
Figure 6-13.3

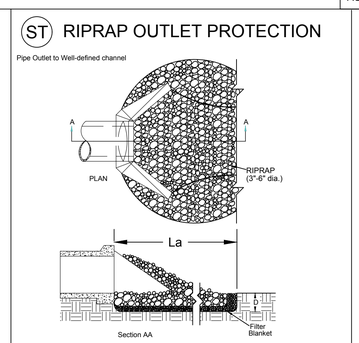


CRUSHED STONE CONSTRUCTION EXIT
NTS
FIGURE 6-3.1



NOTES:
1. La is the length of the riprap apron.
2. D=1.5 times the maximum stone diameter but not less than 6".
3. In a well-defined channel extend the apron up the channel banks to an elevation of 6" above the maximum tailwater depth or to the top of the bank, whichever is less.
4. A filter blanket or filter fabric should be installed between the riprap and the soil foundation.

NTS FIGURE 6-17.1
Riprap outlet protection (modified from Va SWCC).



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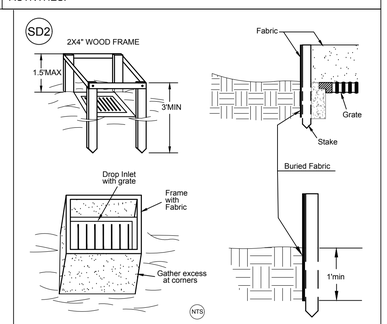
NTS FIGURE 6-17.1
Riprap outlet protection (modified from Va SWCC).



NTS
Figure 6-14.1-Fabric and supporting frame for inlet protection.

1. For stakes, use 2x4"wood (preferred) or equivalent metal with a minimum length of 3'.
2. Space stakes evenly around the perimeter of the inlet a maximum of 3'apart, and securely drive them into the ground,approximately 18" deep.
3. To provide needed stability to the installation, frame with 2x4" wood strips around the crest of the overflow area at a maximum of 1.5' above the drop inlet crest
4. Place the bottom 12" of the fabric in a trench and backfill the trench with at least 4" of crushed stone or compacted soil.
5. Fasten fabric securely to stakes and frame.Joints must be overlapped to the next stake.
6. The top of the frame and fabric must be well below the ground elevation downslope from the drop inlet to keep runoff from bypassing the inlet. It may be necessary to build a temporary dike on the down slope side of the stucture to prevent bypass flow.

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH JR.
7575
REGISTERED LANDSCAPE ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION
1		

PROJECT:
TOILET FACILITIES
SOUTHBEND PARK
PIERCE STREET
LAGRANGE, GEORGIA

TITLE:
SITE DETAILS / NOTES AND SPECIFICATIONS

MODIFIED DATE:
ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
SD-10

GENERAL NOTES

SECTION 1 (GENERAL CONDITION AND STATEMENTS)

A. THESE NOTES SHALL APPLY UNLESS OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.

B. STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.

C. THE USE OR REPRODUCTIONS OF THESE CONTRACT DRAWINGS BY ANY CONTRACTOR, SUB-CONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.

D. THE STRUCTURE SHOWN ON THESE DRAWINGS IS STRUCTURALLY SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL TEMPORARILY BRACE ALL EARTH, FORMS, CONCRETE, STEEL, WOOD, MASONRY, TO RESIST GRAVITY, EARTH, WIND, SEISMIC AND CONSTRUCTION LOADS DURING CONSTRUCTION.

E. WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR AS NOTED IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS UNLESS OTHERWISE NOTED. IF THERE ARE QUESTIONS REGARDING THE APPLICABILITY OF A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION, OR AN AS NOTED NOTE, CONTACT THE ARCHITECT IN WRITING REQUESTING A CLARIFICATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUPPLYING AND INSTALLING REQUIRED ITEMS OR PERFORMING OTHER REQUIRED WORK DUE TO NOT UNDERSTANDING THE REQUIRED SCOPE OF WORK OR DUE TO ANY OTHER MISINTERPRETATION OF THE PROJECT DRAWINGS.

F. THESE STRUCTURAL DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 2006 INTERNATIONAL BUILDING CODE.

G.

DESIGN DEAD LOADS:		DESIGN LIVE LOADS:	
1. ROOF	−10 P.S.F.	1. ROOF (BASIC)	− 20 P.S.F.
2. FLOOR	−45 P.S.F.	2. FLOOR (MECH RM)	−100 P.S.F.

ROOF SNOW LOADS:

GROUND SNOW LOAD	EXPOSURE FACTOR	DESIGN SLOW LOAD
5 P.S.F.	B	5.6 P.S.F.

ROOF IS NOT DESIGNED TO SUPPORT FUTURE MECHANICAL EQUIPMENT LOADS.

H. WIND LOADS 100 MPH (LOW) RISE

PRESSURE #/SF

MAIN FRAME HORIZONTAL LOADS

WALLS	END ZONE	INTERIOR ZONE
	19.9 3.2	14.4 3.3

ROOF MAINFRAME ROOF VERTICAL LOADS	END ZONE	INTERIOR ZONE
	− 8.8 / −12.0	−6.4 / −9.7

COMPONENTS AND CLADDING

WALLS (100SF)	END ZONE	INTERIOR ZONE
	+15.3 −18.7	+ 15.3 − 16.8

ROOF (100SF)	CORNER	END ZONE	INTERIOR ZONE
	+7.3 / −33.2	+7.3 / −21.0	+7.3 / −14.9

I. SEISMIC

EQUIVALENT LATERAL FORCE PROCEDURE

Sds = 0.16 Sd2 = 0.162 SITE CLASS "D" Ie = 1.0

SEISMIC DESIGN CATEGORY "B"
WOOD BEARING WALLS & WOOD SHEAR WALLS R = 6 1/2, Cd = 4
BASE SHEAR = .0246xW

K. DO NOT SCALE FOR DIMENSIONS NOT SHOWN ON DRAWINGS. SEND WRITTEN REQUEST FOR INFORMATION TO THE ARCHITECT FOR FOR DIMENSIONS NOT PROVIDED.

L. THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLING STRUCTURAL MEMBERS.

M. EXISTING CONDITIONS:
1. THE CONTRACTOR SHALL SURVEY THE EXISTING SITE TO DETERMINE THAT ALL STRUCTURES AS INDICATED IN THE DRAWINGS ARE FEASIBLE AND PRACTICAL AND SHALL REPORT ANY DISCREPANCIES OR UNUSUAL CONDITIONS TO THE ENGINEER. FIELD DIMENSION NEW STRUCTURAL ELEMENTS PRIOR TO THE SUBMISSION OF SHOP DRAWINGS.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES IN THE AREA OF CONSTRUCTION THAT MIGHT BE AFFECTED BY OR OTHERWISE INTERFERE WITH INSTALLATION OF NEW WORK. THIS INCLUDES THOSE THAT MIGHT BE DAMAGED BY NEW FOUNDATIONS OR OTHER WORK, AND THOSE WHOSE PRESENCE MIGHT LEAD DAMAGE TO THE NEW WORK (SUCH AS DIFFERENTIAL SETTLEMENT, ETC.).

SECTION 2 (SOILS, SUBSURFACE CONDITION AND DEMOLITION)

A. SOIL BEARING CAPACITY SHALL BE VERIFIED BY A REGISTERED GEOTECHNICAL SOILS ENGINEER AT THE TIME OF EXCAVATION.

B. IF, AFTER EXCAVATION, THE CONDITION OF THE SOIL INDICATES A SAFE BEARING CAPACITY OF LESS THAN 2000 PSF ON THE SOIL. THE STRUCTURAL ENGINEER OF RECORD SHALL BE NOTIFIED AND THE FOOTINGS REVISED IF NECESSARY. COLUMN FOOTINGS AND WALL FOOTINGS SHALL BE POURED MONOLITHIC WITH TOPS OF ADJACENT FOOTINGS AT THE SAME ELEVATION. ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL, WHERE POSSIBLE.

C. TOP OF FOOTING ELEVATIONS GIVEN ARE FOR PURPOSES OF CONTRACT AND SHALL BE ADJUSTED AT THE TIME OF EXCAVATION TO MEET SOIL CONDITIONS IF SO REQUIRED. SEE FOUNDATION INFLUENCE DETAIL FOR MAXIMUM SLOPE BETWEEN FOOTINGS AND OTHER ELEMENTS.

D. BACKFILLING OF WALLS AND PIERS SHALL BE PLACED SUCH THAT SYMMETRICAL LOADING SHALL BE MAINTAINED ON BOTH SIDES. WHERE DESIGN CONDITIONS REQUIRE BACKFILLING EACH SIDE TO UNEQUAL HEIGHTS, THEN WALLS OR PIERS SHALL BE FIRMLY SHORED IN POSITION, AND SHORES SHALL REMAIN UNTIL FLOORS OR OTHER PERMANENT BRACING ELEMENTS ARE PLACED AND PROPERLY SET TO PROVIDE FULL SUPPORT.

E. PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING AREA, BOTH DURING CONSTRUCTION AND PERMANENTLY.

F. DO NOT ALLOW STORED EXCAVATION MATERIAL TO DISRUPT PROPER DRAINAGE OF AREA.

G. MAINTAIN STABILITY OF EXCAVATIONS UNTIL PROPERLY BACKFILLED. KEEP EXCAVATIONS FREE OF ANY LOOSE MATERIAL. DEWATER EXCAVATIONS AND REMOVE ANY WET MATERIAL PRIOR TO THE PLACING OF CONCRETE WORK.

H. HEAVY EQUIPMENT FOR SPREADING AND COMPACTING BACKFILL SHALL NOT BE OPERATED CLOSER TO WALL, GRADE BEAM, ETC., THAN A DISTANCE EQUAL TO THE HEIGHT OF BACKFILL ABOVE TOP OF WALL FOOTING & BOTTOM OF GRADE BEAM, ETC. THE AREA REMAINING SHALL BE COMPACTED BY HAND TAMPERS.

J. USE EXCAVATED MATERIAL AS BACKFILL IF ACCEPTABLE TO TESTING AGENCY. IF EXCAVATED BACKFILL MATERIAL IS NOT AVAILABLE, USE SELECT FILL MATERIAL ACCEPTABLE TO TESTING AGENCY.

K. GRADE SHALL BE SUCH THAT THICKNESS OF FOUNDATION, SLAB ON GRADE, ETC., IS NOT REDUCED BY MORE THAN 5% OF THAT SHOWN ON DRAWINGS.

L. POUR A 3 TO 4 INCH "MUDMAT" OF LEAN CONCRETE IN THE BOTTOM OF A FOOTING EXCAVATIONS THAT WILL BE EXPOSED TO RAIN OR REMAIN OPEN OVERNIGHT.

SECTION 3 CONCRETE

A. MIX DESIGNS FOR EACH TYPE OF CONCRETE SPECIFIED SHALL BE SUBMITTED FOR APPROVAL. ADMIXTURES, CURING COMPOUNDS AND HARDENERS WHICH ARE INTENDED FOR USE ARE TO BE SUBMITTED FOR APPROVAL. USE OF ADMIXTURES CONTAINING CHLORIDES SHALL NOT BE PERMITTED. SUBMIT HISTORICAL DATA FOR APPROVAL.

B. ALL CONCRETE SHALL BE STANDARD WEIGHT 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS (U.N.O.) ALL CONCRETE PERMANENTLY EXPECTED TO WEATHER SHALL BE AIR-ENTRAINED.

C. TESTING LABORATORY, TO BE PAID BY CONTRACTOR, SHALL SAMPLE AND TEST CONCRETE AS FOLLOWS:
1. SAMPLING:
   A. GENERAL: IN ACCORDANCE WITH ASTM C172 AND ASTM C31.
   B. NO.: 4 CYLINDERS FOR EACH 100 CUBIC YARDS, 3000 SQUARE FEET OF SURFACE AREA, OR EACH PLACEMENT OF EACH MIX DESIGN OF CONCRETE PLACED IN ANY ONE DAY.
   C. DESIGNATION: LABEL EACH CYLINDER IN EACH SET OF 4 CYLINDERS WITH AN ALPHA-NUMERIC DESIGNATION, E.G., THE FIRST SET SHALL BE NUMBERED 1A, 1B, 1C, AND 1D.
2. TESTING:
   A. SLUMP: IN ACCORDANCE WITH ASTM C 143, TO BE TAKEN WHEN EACH SET OF CYLINDERS IS PREPARED.
   B. AIR CONTENT: TEST EACH TIME A SET OF CYLINDERS IS PREPARED, IN ACCORDANCE WITH ASTM C231 OR ASTM C173.
   C. COMPRESSIVE STRENGTH: IN ACCORDANCE WITH ASTM C 31 AND ASTM C 39, BREAK ONE CYLINDER AT 7 DAYS, (2) AT 28 DAYS, AND HOLD (1) IN RESERVE. EACH PAIR OF BREAKS FROM EACH SET OF CYLINDERS WILL BE CONSIDERED ONE TEST.
3. TEST REPORTS SHALL BE AVAILABLE AT JOBSITE. ONE COPY SHALL BE SENT DIRECTLY TO THE STRUCTURAL ENGINEER AT THE ADDRESS SHOWN ON THE BOTTOM OF THIS SHEET.

D. CONCRETE WORK SHALL CONFORM TO ACI 318-99 (STRUCTURAL CONCRETE) AND THE FOLLOWING:
1. DETAILS & DETAILING OF CONCRETE REINFORCEMENT SHALL COMPLY WITH ACI 315 AND THE CRSI "MANUAL OF STANDARD PRACTICE". ALL CONCRETE WORK SHALL CONFORM TO ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", UNLESS MORE STRINGENT CRITERIA ARE APPLIED IN THESE DOCUMENTS. CONCRETE SHALL BE MIXED IN ACCORDANCE WITH ASTM C94. CEMENT SHALL COMPLY WITH ASTM C150. AGGREGATES SHALL COMPLY WITH ASTM C33, #57 OR SMALLER. SHEET MATERIALS FOR CURING CONCRETE SHALL COMPLY WITH ASTM C171, & LIQUID MEMBRANE-FORMING COMPOUNDS FOR CURING CONCRETE SHALL COMPLY WITH ASTM C309. AIR ENTRAINING ADMIXTURES FOR CONCRETE SHALL COMPLY WITH ASTM C260. CHEMICAL ADMIXTURES SHALL COMPLY WITH ASTM C494. FLY ASH, IF USED, SHALL COMPLY WITH ASTM C618, TYPE F.
2. CONSTRUCTION TOLERANCES SHALL BE IN ACCORDANCE WITH ACI 301.

E. REINFORCING BARS SHALL CONFORM WITH ASTM A 615. ALL BARS SHALL BE GRADE 60.
REINFORCING BARS TO BE WELDED SHALL CONFORM TO REQUIREMENTS OF ANSI/AWI D1.4 − 98.
DEFORM BAR ANCHORS (D.B.A'S.) SHALL CONFORM TO ASTM A496. D.B.A'S. SHALL BE AUTOMATICALLY END WELDED USING MANUFACTURER'S RECOMMENDED PROCEDURES, EQUIPMENT, FLUX, AND FERRULES, U.N.O. D.B.A'S. SHALL BE NELSON FLUXED D.B.A'S. OR APPROVED ALTERNATE.

F. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A−82 AND A−185.

G. REBAR SUPPORT DEVICES: CRSI MANUAL OF STANDARD PRACTICE.

H. REINFORCING STEEL COVERAGE SHALL BE AS FOLLOWS:
CAST IN PLACE CONCRETE − NON PRESTRESSED

(A)	PIERS	−	2" TO TIES
(B)	GRADE BEAMS	−	3" SIDES AND BOTTOM, 2" TOP
(C)	SLABS ABOVE GRADE	−	3/4" NOT EXPOSED TO WEATHER*
(D)	BEAMS ABOVE GRADE	−	1 1/2" NOT EXPOSED TO WEATHER*
(E)	CONCRETE JOINTS	−	3/4" NOT EXPOSED TO WEATHER*
(F)	WALLS	−	2" NOT EXPOSED TO EARTH & WEATHER*
(G)	FOOTINGS	−	3" SIDES AND BOTTOM, 2" TOP

* IF WALLS, SLABS, BEAMS OR JOISTS ARE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND, PROVIDE 2" COVER TO REINFORCING BARS.

I. CONTINUOUS BARS LOCATED IN TURNED DOWN SLABS, THICKENED SLABS, AND CONTINUOUS STRIP FOOTINGS SHALL HAVE 42 BAR DIAMETER LAP SPLICES (26" FOR #5 BAR). ALL OTHER CONTINUOUS BARS SHALL BE LAP SPLICED IN ACCORDANCE WITH TABLE 2/S2. PROVIDE CORNER BARS AT ALL WALLS, FOOTINGS, AND GRADE BEAMS. BARS SHALL BE THE SAME SIZE AND SPACING AS THE HORIZONTAL REINFORCING. INTERSECTING WALLS OR GRADE BEAMS SHALL BE DOWELED TOGETHER IN THE SAME MANNER. PROVIDE TWO NO. 4 TOP DIAGONAL BARS 4'−0" LONG AT ALL REENTRANT CORNERS IN ALL SLABS ON GRADE.

J. CONSTRUCTION OR CONTROL JOINTS SHALL BE PROVIDED IN SLABS ON GRADE SO THAT THE MAXIMUM AREA OF SLAB BETWEEN JOINTS SHALL BE 600 SQUARE FEET, OR AS SHOWN ON THE PLANS. SAW CUT CONTROL JOINTS SHALL BE MADE AS SOON AS SLAB WILL SAFELY SUPPORT MEN AND EQUIPMENT AND THE SLAB WILL NOT BE DAMAGED BY EQUIPMENT. ASPECT RATIO (LONGSIDE TO SHORTSIDE OF CONCRETE AREA) SHALL NOT EXCEED 1.5. CONTROL JOINTS IN WALLS SHALL MATCH CONTROL JOINTS IN SLABS ON GRADE. NO EMBEDDED ANGLES OR OTHER FIXED METAL ITEMS SHALL EXTENDED THROUGH JOINTS, UNLESS OTHERWISE NOTED. EMBEDDED ANGLES AND OTHER FIXED METAL ITEMS SHALL BE CONTINUOUS BETWEEN CONCRETE JOINTS, UNLESS OTHERWISE NOTED. ENGINEER SHALL APPROVE LOCATION OF ALL JOINTS NOT SHOWN ON DRAWINGS.

K. CONFORM TO ACI 306R FOR COLD WEATHER CONCRETING AND ACI 305R FOR HOT WEATHER CONCRETING WHEN ANY COMBINATION OF HIGH TEMPERATURE, LOW RELATIVE HUMIDITY AND WIND VELOCITY TEND TO IMPAIR THE QUALITY OF THE CONCRETE. CONCRETE IS TO BE REJECTED IF ITS TEMPERATURE AT TIME OF PLACEMENT IS 90 DEG. F OR ABOVE. PROTECT SURFACES OF EXPOSED CONCRETE FROM PRECIPITATION DAMAGE UNTIL ADEQUATE STRENGTH IS GAINED TO PREVENT DAMAGE.

L. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, EQUIPMENT ARRANGEMENT, CIVIL AND VENDOR'S DRAWINGS FOR EMBEDDED ITEMS NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PLACING ALL EMBEDDED ITEMS SHOWN ON THE DRAWINGS OR REQUIRED BY THE VARIOUS TRADES. DO NOT PLACE PIPES OR SLEEVES THROUGH FOOTINGS UNLESS SPECIFICALLY NOTED ON STRUCTURAL DRAWINGS. CONTACT STRUCTURAL ENGINEER FOR APPROVAL FOR PLACEMENT OF ANY SLEEVES OR PIPES THROUGH FOOTINGS UNLESS SPECIFICALLY SHOWN ON STRUCTURAL DRAWINGS.

M. SHOP DRAWINGS: SUBMIT COMPLETE SHOP DRAWINGS OF ALL MATERIALS PROVIDED UNDER THIS SECTION. COMPLY WITH ACI 315. INCLUDE BAR SCHEDULES, STIRRUP SPACING, DIAGRAMS OF BENT BARS, ARRANGEMENT, AND ASSEMBLIES; SPECIAL REINFORCEMENT REQUIRED AROUND OPENINGS; LOCATION OF ALL PROPOSED CONSTRUCTION JOINTS AND KEYING; LOCATIONS OF ALL OPENINGS, DEPRESSIONS, CONSTRUCTION AND CONTROL JOINTS, TRENCHES, SLEEVES, INSERTS, AND OTHER ITEMS AFFECTING THE REINFORCEMENT AND PLACING OF CONCRETE. STEEL PRODUCER'S CERTIFICATES OF MILL ANALYSIS, TENSILE, AND BEND TESTS FOR REINFORCING STEEL SHALL ACCOMPANY THE SHOP DRAWINGS. SUBMIT PLACEMENT SCHEDULE FOR ALL POURS IN PROJECT. NUMBER EACH POUR IN SCHEDULE AND CROSS REFERENCE SCHEDULE NUMBER TO TEST REPORT SUBMITTALS INDICATING LOCATION FOR EACH POUR. INFORM STRUCTURAL ENGINEER AT LEAST 48 HOURS IN ADVANCE OF ANY CHANGES IN POUR SCHEDULE. HORIZONTAL BARS TO BE SPLICED 50% MAXIMUM AT ANY LOCATION.

N. CHAIRS, BOLSTERS, AND OTHER PREFABRICATED ACCESSORIES SHALL COMPLY WITH CRSI "MANUAL OF STANDARD PRACTICE", CLASS 1 AT EXPOSED SURFACES, AND CLASS 2 AT UNEXPOSED. LEGS OF ALL ACCESSORIES USED IN EXPOSED CONCRETE SHALL BE SOLID PLASTIC OR PLASTIC COATED. CONSULT ARCHITECT FOR COLOR REQUIREMENTS. SUBMIT SAMPLE OF TYPICAL CHAIR AND BOLSTER TO ARCHITECT FOR APPROVAL. SUPPORT BARS USED TO MAINTAIN HEIGHT OF TOP REINFORCEMENT SHALL BE #5 MINIMUM. DO NOT WELD BARS OR WELD ACCESSORIES TO REINFORCING STEEL. ALL BARS SHALL BE BENT COLD, AND SHALL NOT BE REBENT. REINFORCEMENT SHALL BE AT TIME OF CONCRETE POUR RELATIVELY FREE FROM RUST SCALE AND OTHER COATINGS REDUCING BOND.
PLACEMENT OF REINFORCEMENT MUST BE INSPECTED BY THE STRUCTURAL ENGINEER OR BY A REPRESENTATIVE OF AN APPROVED TESTING AGENCY PRIOR TO THE POUR. CONCRETE SHALL NOT BE PLACED IN FORMS WITHOUT PRIOR APPROVAL OF THE ARCHITECT.

P. ALL CONDUIT, SLEEVES AND PIPES EMBEDDED IN CONCRETE SHALL CONFORM TO SECTION 6.3 OF ACI 318 AND THE FOLLOWING:
1. SLEEVES AND PIPES SHALL BE PLACED SO THAT REINFORCING STEEL CAN BE PLACED WITH THE SPECIFIED COVER AND CLEAR DISTANCE BETWEEN BARS.
2. THE CONCRETE COVERING OF PIPE AND SLEEVES SHALL NOT BE LESS THAN TWO INCHES. CLEAR DISTANCE BETWEEN SUCH PIPES AND SLEEVES SHALL NOT BE LESS THAN TWO AND ONE−HALF INCHES.
3. CONDUIT AND PIPES PLACED IN SLABS ON GRADE SHALL NOT BE LARGER IN OUTSIDE DIAMETER THAN ONE−THIRD THE THICKNESS OF SLAB. IF IT IS NECESSARY TO USE LARGER CONDUIT OR PIPES, THE SLAB OR TOPPING SHALL BE THICKENED.
4. NOT MORE THAN TWO LAYERS OF CONDUIT MAY INTERSECT AT ANY POINT IN THE CONSTRUCTION. USE NO ALUMINUM CONDUITS OR COUPLING IN CONCRETE.

Q. DO NOT USE CONCRETE WHICH BECOMES NONPLASTIC AND UNWORKABLE, OR DOES NOT MEET THE REQUIRED QUALITY CONTROL LIMITS, OR WHICH HAS BEEN CONTAMINATED BY FOREIGN MATERIALS. CONCRETE MUST BE PLACED IN FORMS WITHIN 90 MINUTES OF BATCHING. ANY REJECTED CONCRETE MUST BE REMOVED FROM THE SITE AND DISPOSED OF IN AN APPROVED LOCATION AT THE CONTRACTOR'S EXPENSE.

R. PLACE CONCRETE IN FORMS IN HORIZONTAL LAYERS NOT EXCEEDING 24" DEEP. CONSOLIDATE ALL CONCRETE IN FORMS IN ACCORDANCE WITH ACI 309. CONSOLIDATE EACH LAYER IMMEDIATELY AFTER PLACING, BY USE OF INTERNAL CONCRETE VIBRATORS, SUPPLEMENTED BY HAND SPADING, RODDING, OR TAMPING. DO NOT USE VIBRATORS TO TRANSPORT CONCRETE. MAINTAIN A FREQUENCY OF NOT LESS THAN 10,000 VIBRATIONS PER MINUTE FOR INTERNAL VIBRATORS. PROVIDE ADEQUATE NUMBER OF VIBRATORS AND SIZE OF POWER SOURCE AT ALL TIMES. MAINTAIN SPARE UNITS ON HAND AT SITE. LIMIT DURATION OF VIBRATION TO TIME NECESSARY TO PRODUCE SATISFACTORY CONSOLIDATION WITHOUT CAUSING SEGREGATION OF AGGREGATE. IN THE CASE OF WALL CONSTRUCTION, ASSIGN ONE VIBRATOR AND OPERATOR TO BLEND THE MIX, AND ASSIGN AT LEAST ONE OTHER VIBRATOR AND OPERATOR FOR CONSOLIDATING THE MASSES OF CONCRETE.

S. ALL CONCRETE SHALL BE CURED BY AN APPROVED METHOD FOR A MINIMUM OF 7 DAYS. CURING SHALL BE ACCOMPLISHED BY MOIST CURING USING BURLAP, WATERPROOF PAPER, POLYETHYLENE SHEET, OR WOOD FORMS LEFT IN PLACE. ALL SHALL BE KEPT WET THROUGHOUT THE CURING PERIOD. MEMBRANE CURING MAY BE USED ON ALL SURFACES NOT RECEIVING SUBSEQUENT TREATMENTS DEPENDING ON ADHESION OR BONDING TO THE CONCRETE. CONCRETE SURFACES WHICH RECEIVE RAINFALL WITHIN 3 HOURS OF APPLICATION OF CURING COMPOUND SHALL BE RECOATED THE SAME AS THE ORIGINAL APPLICATION.

T. ALL EXPOSED CONCRETE FINISHES SHALL BE AS SPECIFIED IN THE ARCHITECTURAL DRAWINGS. UNEXPOSED CONCRETE SHALL RECEIVE A COMMON FINISH PRODUCED BY FILLING SMOOTHLY ALL HOLES AND HONEYCOMB AREAS, AND KNOCKING OFF AND EVENING UP BURRS. AT MINIMUM, SLABS SHALL RECEIVE A SMOOTH FLOAT FINISH. PROVIDE TROWEL FINISH OR NONSLIP BROOM FINISH IF SPECIFIED ON THE ARCHITECTURAL DRAWINGS.

U. ANY CONCRETE OR CONCRETE WORK WHICH FAILS TO MEET SPECIFICATIONS SHALL BE REJECTED. DETERMINATION OF STRENGTH PROBLEMS SHALL BE IN ACCORDANCE WITH ACI 318. ANY REPAIRS DUE TO UNACCEPTABLE CONCRETE OR FINISHES SHALL BE AT THE CONTRACTOR'S EXPENSE.

ABBREVIATIONS

A.B.	ANCHOR BOLT	LB. OR #	POUND
ADJ.	ADJACENT	LG.	LONG
A.F.F.	ABOVE FINISH FLOOR	LLH	LONG LEG HORIZONTAL
AL.	ALUMINUM	LLV.	LONG LEG VERTICAL
ALT.	ALTERNATE	LIN.	LINEAR OR LINEAL
&	AND	L.P.	LOW POINT
APPROX.	APPROXIMATE	LGTH.	LENGTH
APPVD.	APPROVED	LIN. FT.	LINEAR FEET
ASPH.	ASPHALT		
@	AT	MAX.	MAXIMUM
AVG.	AVERAGE	M.B.	MACHINE BOLT
		M.H.	MANHOLE
BLDG.	BUILDING	MACH. RM.	MACHINE ROOM
B. OR BOT	BOTTOM	MSRY. OPNG.	MASONRY OPENING
B/	BOTTOM OF	MET.	METAL
B/S	BOTTOM OF STEEL	MEZZ.	MEZZANINE
BRG.	BEARING	MK.	MARK
BLK.	BLOCK	MFGR.	MANUFACTURER
BM.	BEAM	MIN.	MINIMUM
B.M.	BENCH MARK	MISC.	MISCELLANEOUS
BRIDG.	BRIDGING		
BTW. OR BETW.	BETWEEN	N.I.C.	NOT IN CONTRACT
		N.S. OR NS	NEAR SIDE
C.G.	CENTER OF GRAVITY	N.T.S. OR NTS	NOT TO SCALE
	(PT TENDONS)	NOM.	NOMINAL
C.I.	CAST IRON	NO.	NUMBER
C.L.	CENTER LINE	#	NUMBER (REBAR SIZE)
CHG.	CHANGE		
CIR.	CIRCLE, CIRCULAR	O.H.	OPPOSITE HAND
CL. OR CLR.	CLEAR OR CLEARANCE	o.c.	ON CENTER
CONN.	CONNECTION	O.D.	OUTSIDE DIAMETER
C.M.U. OR CMU	CONCRETE MASONRY UNIT	O.F.	OUTSIDE FACE
CONST.	CONSTRUCTION	OPNG.	OPENING
CONT.	CONTINUOUS, CONTINUED	OPP.	OPPOSITE
C.J.	CONSTRUCTION JOINT OR CONTROL JOINT	PAF	POWDER ACTUATED FASTENERS
CONC.	CONCRETE	P.L.F. OR PLF	POUNDS PER LINEAR FOOT
COL.	COLUMN	P.C.F. OR PCF	POUNDS PER CUBIC FOOT
CSK.	COUNTERSUNK	P.C.I. OR PCI	POUNDS PER CUBIC INCH
CTR.	CENTERS	P.J.F.	PREMOLDED JOINT FILLER
		P.S.F. OR PSF	POUNDS PER SQUARE FOOT
D.B.C.	DIAMETER BOLT CIRCLE	P.S.I. OR PSI	POUNDS PER SQUARE INCH
DEG. OR °	DEGREE	P.T.	POST TENSIONED
DET.	DETAIL	PART.	PARTITION
DIAG.	DIAGONAL	PRES.	PRESSURE
dia. OR ø	DIAMETER	PROJ.	PROJECTION
DN.	DOWN	PT.	POINT
DIM.	DIMENSION	P.E.J. OR PEJ	PREMOLDED EXPANSION JOINT
DWG.	DRAWING		
DBL. OR DBLE.	DOUBLE	R OR RAD.	RADIUS
D.B.A. OR DBA	DEFORMED BAR ANCHOR	R.D.	ROOF DRAIN
		REV.	REVISION
E.E OR EE	EACH END	RM.	ROOM
EA.	EACH	REF.	REFERENCE
E.F. OR EF	EACH FACE	REINF.	REINFORCING,REINFORCED OR REINFORCEMENT
E.J.	EXPANSION JOINT		
E.S. OR ES	EACH SIDE	REQ'D.	REQUIRED
E.W. OR EW	EACH WAY	RECT.	RECTANGULAR
EL.	ELEVATION		
ELEC.	ELECTRICAL	SHT.	SHEET
EMBED.	EMBEDMENT	SIM.	SIMILAR
= OR EQ.	EQUAL	SECT.	SECTION
EQUIP.	EQUIPMENT	SCHED.	SCHEDULE
EST.	ESTIMATE	SLH	SHORT LEG HORIZONTAL
EX. GR.	EXISTING GRADE	SLV	SHORT LEG VERTICAL
EXIST.	EXISTING	SLV.	SLEEVE
EXP.	EXPANSION	SPA.	SPACING OR SPACES
EXT.	EXTENDED	SPEC.	SPECIFICATION
		SQ.	SQUARE
F.D.	FLOOR DRAIN	SQ.FT. OR SF	SQUARE FOOT
F.F.	FINISH FLOOR	S.S.	STAINLESS STEEL
F/	FACE OF	STD.	STANDARD
F TO F	FACE TO FACE	STIFF.	STIFFENER
FIN.	FINISH	STL.	STEEL
FLR.	FLOOR	STRUCT.	STRUCTURAL
FT. OR (')	FEET OR FOOT	SUSP.	SUSPENDED
F.S.	FAR SIDE	SYM.	SYMMETRICAL
FTG.	FOOTING		
FDN.	FOUNDATION	T/	TOP OF
FUT.	FUTURE	T/BM	TOP OF BEAM
Fy OR fy	YIELD STRENGTH	T/COL	TOP OF COLUMN
f'c	28 DAY CONCRETE COMPRESSIVE STRENGTH	T/FTG	TOP OF FOOTING
		T/SLAB	TOP OF SLAB
GA.	GAUGE OR GAGE	T/S	TOP OF STEEL
GALV.	GALVANIZED	T.R.C.	TOP OF ROUGH CONCRETE
GEN.	GENERAL	TAN.	TANGENT
GR.	GRADE	THD.	THREAD
H.C.A.	HEADED CONCRETE ANCHOR	THK.	THICK
H.P.	HIGH POINT	TRD.	TREAD
H.S.	HEADED STUD ANCHOR	T/WALL	TOP OF WALL
HGT.	HEIGHT	T	TOP
HK.	HOOK	TEMP.	TEMPORARY
HORZ.	HORIZONTAL	THRU	THROUGH
		TS	TUBE STEEL
IN. OR (")	INCH OR INCHES	T.O.S.	TOP OF SLAB
INCL.	INCLUSIVE OR INCLUDING	TDS OR T.D.S.	TURNED DOWN SLAB
I.D.	INSIDE DIAMETER	TYP.	TYPICAL
INSUL.	INSULATION	UNO OR U.N.O.	UNLESS NOTED OTHERWISE
INT.	INTERIOR		
INV.	INVERT	VERT.	VERTICAL
		VOL.	VOLUME
JST.	JOIST		
JT.	JOINT	W.C.J.	WALL CONTROL OR CONSTRUCTION JOINT
J.G.	JOIST GIRDER		
		WD.	WOOD
K.	KIPS (1000 POUNDS)	WPFG.	WATERPROOFING OR WATERPROOF
K.S.I. OR KSI	KIPS PER SQUARE INCH	WT.	WEIGHT
K.S.F. OR KSF	KIPS PER SQUARE FOOT	W/O	WITHOUT
		W/	WITH
		WWF	WELDED WIRE FABRIC

LEGEND

ITEM	SYMBOL
CONCRETE	
GROUT	
EARTH	
CONCRETE BLOCK (CMU)	
BRICK	
SECTION INDICATOR	1 / S03
DETAIL INDICATOR	2 / S03
COLUMN TYPE FOOTING TYPE TOP OF FOOTING ELEVATION	C1 F1 −2'−0

ITEM	SYMBOL
TOP OF FOOTING ELEVATION	−1'−8
SPOT ELEVATION TOP OF CONCRETE	+0'−0"
STEP IN FTG. OR GRADE BM.	8"
~C BEAM SPLICE	
AND	&
PLATE	~P
CENTERLINE	~C
NUMBER (PRECEDING)	#, NO.
PLUS OR TENSION	+
MINUS OR COMPRESSION	−
POUNDS (FOLLOWING)	#
STEP IN STRUCTURE OR DEPRESSED SLAB	4" OR (4")
TOP OF STEEL ELEVATION	T/S EL. +20'−8" OR (+20'−0")

ARCHITECT'S STAMP

STATE OF GEORGIA · GORDON W. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION
1		

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

STRUCTURAL NOTES

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
S-1

GENERAL NOTES:

THESE NOTES SHALL APPLY UNLESS OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.

STRUCTURAL DRAWINGS INDICATED TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.

BACKFILL AGAINST WALLS SHALL BE DEPOSITED EVENLY AGAINST BOTH SIDES OF THE WALL UNTIL THE LOWER FINAL GRADE IS REACHED.

CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OR SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD.

CONSTRUCTION OR CONTROL JOINTS SHALL BE PROVIDED IN SLABS ON GRADE SO THAT THE MAXIMUM AREA OF SLAB BETWEEN JOINTS SHALL BE 1000 SQUARE FEET, OR AS SHOWN ON THE PLANS.

REINFORCING BARS SHALL CONFORM WITH ASTM A 615. ALL BARS SHALL BE GRADE 60.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A–82 AND A–185.

ALL WALL AND FOOTING CONCRETE SHALL BE STANDARD WEIGHT 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. ALL SLAB CONCRETE SHALL BE 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, STANDARD WEIGHT.

CONCRETE STRENGTH: CLASS "A" – 3000 PSI
CLASS "B" – 4000 PSI

IF, AFTER EXCAVATION, THE CONDITION OF THE SOIL INDICATES A SAFE BEARING CAPACITY OF LESS THAN 2000 PSF ON SOIL, THE ENGINEER SHALL BE NOTIFIED AND THE FOOTINGS REVISED IF NECESSARY. COLUMN FOOTINGS AND WALL FOOTINGS SHALL BE POURED MONOLITHIC WITH TOPS OF ADJACENT FOOTINGS AT THE SAME ELEVATION. ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL, WHERE POSSIBLE. ANY FILL WITHIN 10'–0" OF BUILDING LIMIT SHALL BE COMPACTED TO 95% STANDARD PROCTOR. SEE ARCHITECTURAL DRAWINGS FOR UNDERFLOOR FOUNDATION DRAINS.

FASTENER SCHEDULE

NOTE: ALL GYP. BRD. WALLS AND CEILINGS TO BE FASTENED USING SCREWS @ 6" O.C. ON EDGES AND 12" O.C. INTERMEDIATE.

	FASTENER	NUMBER OR SPACING
JOIST TO SILL OR GIRDER, TOE NAIL	8D COMMON	3
BRIDGING TO JOIST, TOE NAIL EACH END	8D COMMON	2
LEDGER STRIP	16D COMMON	3 AT EACH JOIST
1"X6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	8D COMMON	2
OVER 1"X6" SUBFLOOR TO EACH JOIST, FACE NAIL	8D COMMON	3
2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	16D COMMON	2
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	16D COMMON	16" O.C.
TOP OR SOLE PLATE TO STUD, END NAILED	16D COMMON	2
STUD TO SOLE PLATE, TOE NAIL	8D COMMON	4
DOUBLED STUDS, FACE NAIL	10D COMMON	24" O.C.
DOUBLED TOP PLATES, FACE NAIL	10D COMMON	16" O.C.
TOP PLATES, LAP AND INTERSECTIONS, FACE NAIL	16D COMMON	2 OR 3 10D COMMON
CONTINUOUS HEADER, TWO PIECES	16D COMMON	16" O.C. ALONG EACH EDGE
CEILING JOISTS TO PLATE, TOE NAIL	8D COMMON	3
CONTINUOUS HEADER TO STUD, TOE NAIL	8D COMMON	3
CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	16D COMMON	3 OR 4 10D COMMON
CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	16D COMMON	3 OR 4 10D COMMON
RAFTER TO PLATE, TOE NAIL	8D COMMON	3
1–INCH BRACE TO EACH STUD AND PLATE, FACE NAIL	8D COMMON	2
1"X8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	8D COMMON	2
OVER 1"X8" SHEATHING TO EACH BEARING, FACE NAIL	8D COMMON	3
BUILT–UP CORNER STUDS	16D COMMON	24" O.C.
BUILT–UP GIRDERS AND BEAMS, OF THREE MEMBERS	20D COMMON	32" O.C. AT TOP AND BOTTOM AND STAGGERED 2 ENDS AND AT EACH SPLICE.

	FASTENER	NUMBER OR SPACING
2–INCH PLANKS STUDS TO SOLE PLATE, END NAIL	16D COMMON 16D COMMON	2 EACH BEARING 2 EACH END
PLYWOOD AND PARTICLEBOARD SUBFLOORING 1/2" 5/8" – 3/4" 1" – 1 5/8"	6D COMMON ANNULAR OR SPIRAL THREAD 8D COMMON OR 6D ANNULAR OR SPIRAL THREAD 10D COMMON OR 8D ANNULAR OR SPIRAL THREAD	6" O.C. EDGES AND 10" O.C. INTERMEDIATE 6" O.C. EDGES AND 10" O.C. INTERMEDIATE 6" O.C. EDGES AND 6" O.C. INTERMEDIATE
1/2" 5/8"	16 GA. GALVANIZED WIRE STAPLES, 3/8" MINIMUM CROWN 1–5/8" LENGTH	3" O.C. EDGES AND 3" O.C. INTERMEDIATE 2 1/2" O.C. EDGES AND 4" O.C. INTERMEDIATE
PLYWOOD AND PARTICLEBOARD ROOF & WALL SHEATHING 1/2" OR LESS 5/8" OR GREATER 5/16" – 1/2"	6D COMMON 8D COMMON 16 GA. GALVANIZED WIRE STAPLES, 3/8" MIN. CROWN, LENGTH OF 1" PLUS PLYWOOD OR PARTICLEBOARD THICKNESS	6" O.C. EDGES AND 12" O.C. INTERMEDIATE 6" O.C. EDGES AND 12" O.C. INTERMEDIATE 4" O.C. EDGES AND 8" O.C. INTERMEDIATE
5/8" – 3/4" 1/2" FIBERBOARD SHEATHING	1–1/2" GALVANIZED ROOFING NAIL 6D COMMON NAIL	2" O.C. EDGES AND 5" O.C. INTERMEDIATE 3" O.C. EDGES 6" O.C. AT OTHER BEARINGS
25/32" FIBERBOARD SHEATHING 1/2" GYPSUM SHEATHING	1–3/4" GALVANIZED ROOFING NAIL 8D COMMON NAIL 12 GAGE 1–1/4" LARGE HEAD CORROSION–RESISTIVE	3" O.C. EDGES 6" O.C. AT OTHER BEARINGS 4" O.C. EDGES 8" O.C. AT OTHER BEARINGS
PARTICLEBOARD SIDING 3/8" – 1/2" 5/8" 3/4" 1/2" AND 5/8" GYPSUM BOARD WALLS AND CEILINGS	6D 8D 8D 1 1/2" SCREWS. SCREW ALL GYPSUM BOARD TO STUDS	SCREWS @ 6" O.C. EDGES AND 12" O.C. INTERMEDIATE

1. SIDING APPLIES TO FIVE–EIGHTHS (5/8) INCH NET WOOD SHEATHING OR ONE–HALF (1/2) PLYWOOD OR ONE–HALF (1/2) PARTICLEBOARD SHEATHING.
2. CORROSION RESISTANT NAILS SPACED 6–INCHES ON CENTER AT EDGE AND 8–INCHES ON CENTER AT INTERMEDIATE SUPPORTS. NAILS SHALL HAVE A MINIMUM EDGE DISTANCE OF 3/8–INCH.
3. SIDING APPLIED TO STUDS SPACED 16–INCH ON CENTER MAXIMUM.
4. SIDING APPLIED DIRECTLY TO STUDS SPACED 24–INCHES ON CENTER MAXIMUM.
5. USE ANNULAR OR SPIRAL THREAD NAILS FOR COMBINATION SUBFLOOR–UNDERLAYMENT.

*FIBERBOARD SHEATHING MAY BE STAPLED USING 16 GAGE GALVANIZED STAPLES 1–1/8" LONG FOR 1/2" SHEATHING AND 1–1/2" LONG FOR 25/32" SHEATHING. STAPLES TO HAVE MINIMUM CROWN OF 7/16" AND SPACED 3" O.C. AT EDGES AND 6" O.C. AT OTHER BEARINGS.

TIMBER NOTES:

1. ALL TIMBER SHALL BE #2 S.Y.P. (M.C.–19%) OR EQUAL UNLESS OTHERWISE NOTED ON DRAWINGS.
2. ALL WOOD TO WOOD CONNECTIONS SHALL EMPLOY METAL ANCHORS. NO TOE OR END NAILING SHALL BE PERMITTED.
3. PROVIDE ONE ROW OF BRIDGING FOR EACH 8'–0" SPAN FOR ROOF JOISTS. STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING UNLESS METAL OR WOOD SIDE PIECES ARE PROVIDED TO STRENGTHEN THE MEMBER.
4. PREFABRICATED WOOD TRUSSES CONNECTED WITH LIGHT GAGE METAL PLATES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE. SHOP DRAWINGS SHALL BE SUBMITTED FOR EACH TRUSS DESIGN AND SHALL INDICATE DESIGN LOADS, SPACING AND LATERAL BRACING RE–QUIREMENTS AND SHALL BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER FOR THE STATE IN WHICH THE STRUCTURE IS BUILT.
5. ROOF TRUSS LOADING:

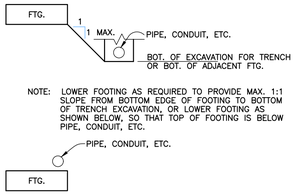
TOP CHORD	LL	20 PSF
	DL	10 PSF
BOTTOM CHORD	DL	10 PSF
TOTAL LOAD		40 PSF

6. ALLOWABLE INCREASE FOR SHORT TERM LOADING = 25%

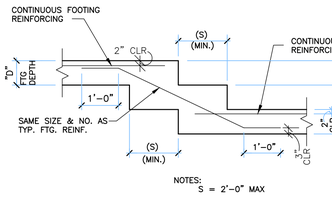
TENSION DEVELOPMENT LENGTH *		
CONCRETE STRENGTH (psi)	TOP BARS	OTHER BARS
3000	44 BAR DIA.	34 BAR DIA.
4000	38 BAR DIA.	30 BAR DIA.
TENSION LAP SPLICE *		
CONCRETE STRENGTH (psi)	TOP BARS	OTHER BARS
3000	56 BAR DIA.	44 BAR DIA.
4000	48 BAR DIA.	38 BAR DIA.
COMPRESSION LAP SPLICES *		
f'c ≥ 3,000	30 BAR DIA., 12" MIN.	

* LENGTHS SHOWN ARE MINIMUMS, U.N.O. PROVIDE GREATER LENGTHS WHERE SHOWN IN PLANS, DETAILS, SECTIONS, ETC. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL LAP SPLICES ARE TO BE CONSIDERED TENSION LAP SPLICES.

REINFORCING STEEL TABLE — 2/S2
NOT TO SCALE

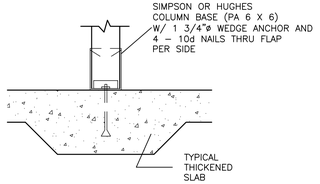


TYPICAL FOUNDATION INFLUENCE DETAIL — 3/S2
NOT TO SCALE

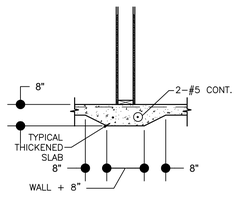


NOTES:
S = 2'–0" MAX

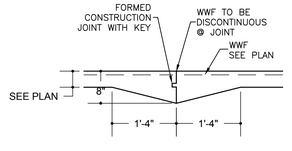
TYPICAL STEPPED FOOTING DETAIL FOR CONCRETE WALLS — 4/S2
NOT TO SCALE



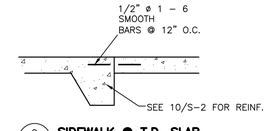
6/S–2 TYPICAL WOOD COL. FTG. DETAIL



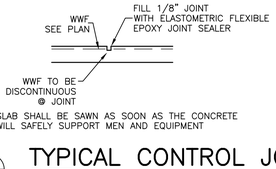
5/S–2 THICKENED SLAB DETAIL
NOT TO SCALE
TYPICAL AT ALL LOAD BEARING INTERIOR WALLS



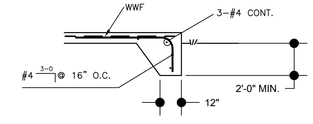
7/S–2 TYPICAL CONST. JOINT DETAIL
SCALE: 3/4" = 1'–0"



8/S–2 **SIDEWALK @ T.D. SLAB**
SCALE: 3/4" = 1'–0"



9/S–2 TYPICAL CONTROL JOINT DETAIL
SCALE: 3/4" = 1'–0"



10/S–2 TURNED DOWN DETAIL
NOT TO SCALE

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706-882-5511
www.SDGarch.net

REVISIONS

/1	DATE	DESCRIPTION

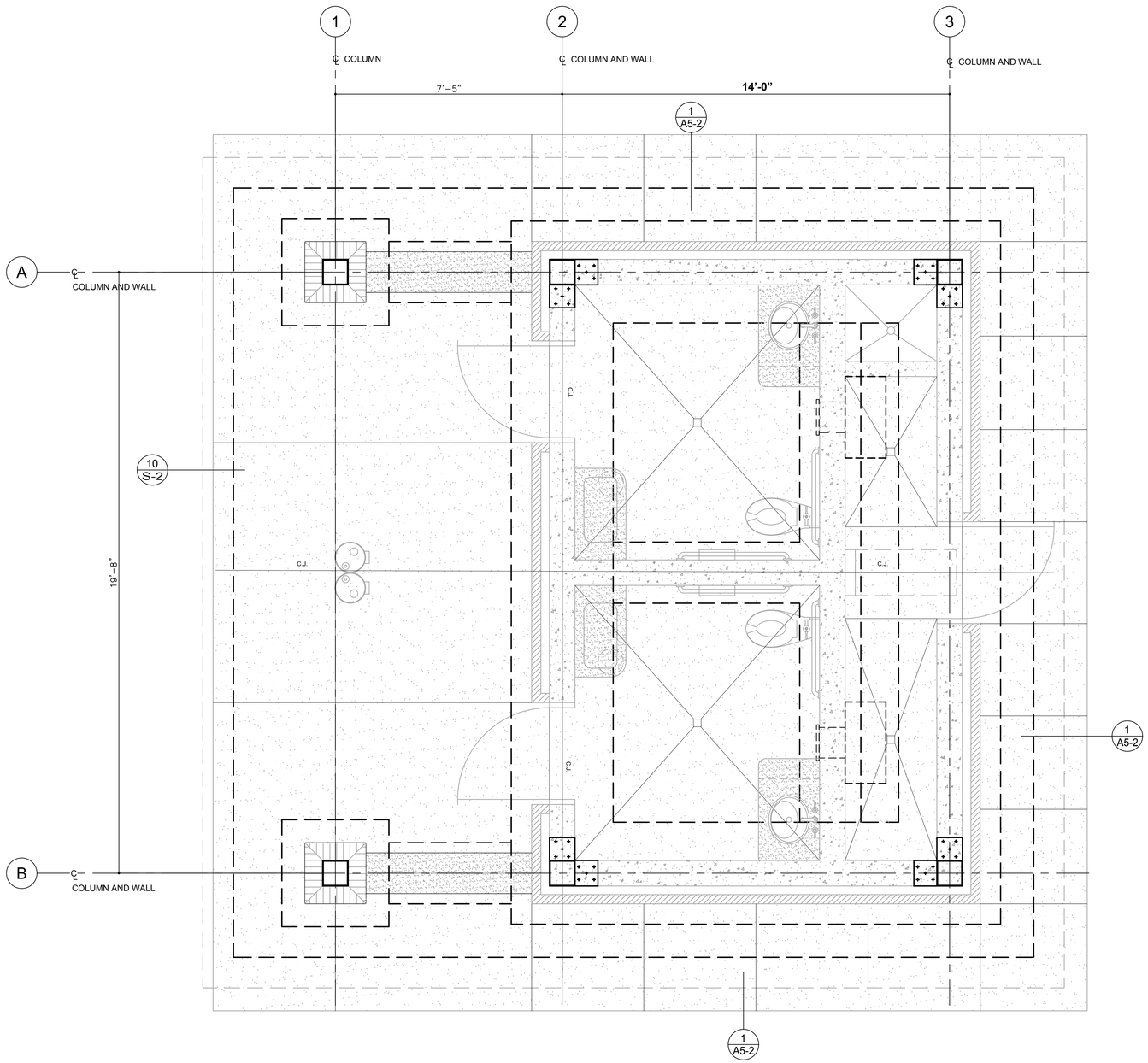
PROJECT:
TOILET FACILITIES
SOUTHBEND PARK
PIERCE STREET
LAGRANGE, GEORGIA

TITLE:
STRUCTURAL NOTES

MODIFIED DATE:
ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
S-2



1 / S-3 FOUNDATION PLAN

Scale: 1/4" = 1'-0"

GRAPHIC SCALE
0' 1' 2' 4' 8' 12'

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LEGEND

" 2 " SEE SHEET A2-4 FOR WALL TYPE DESIGNATIONS

F.D. FLOOR DRAIN
SLOPE CONCRETE SLAB 3/16" TO THE FOOT TO DRAIN. PROVIDE WITH AUTOMATIC DRIP PRIMER.

SLOPE CONCRETE SLAB 3/16" TO THE FOOT TO DRAIN.

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

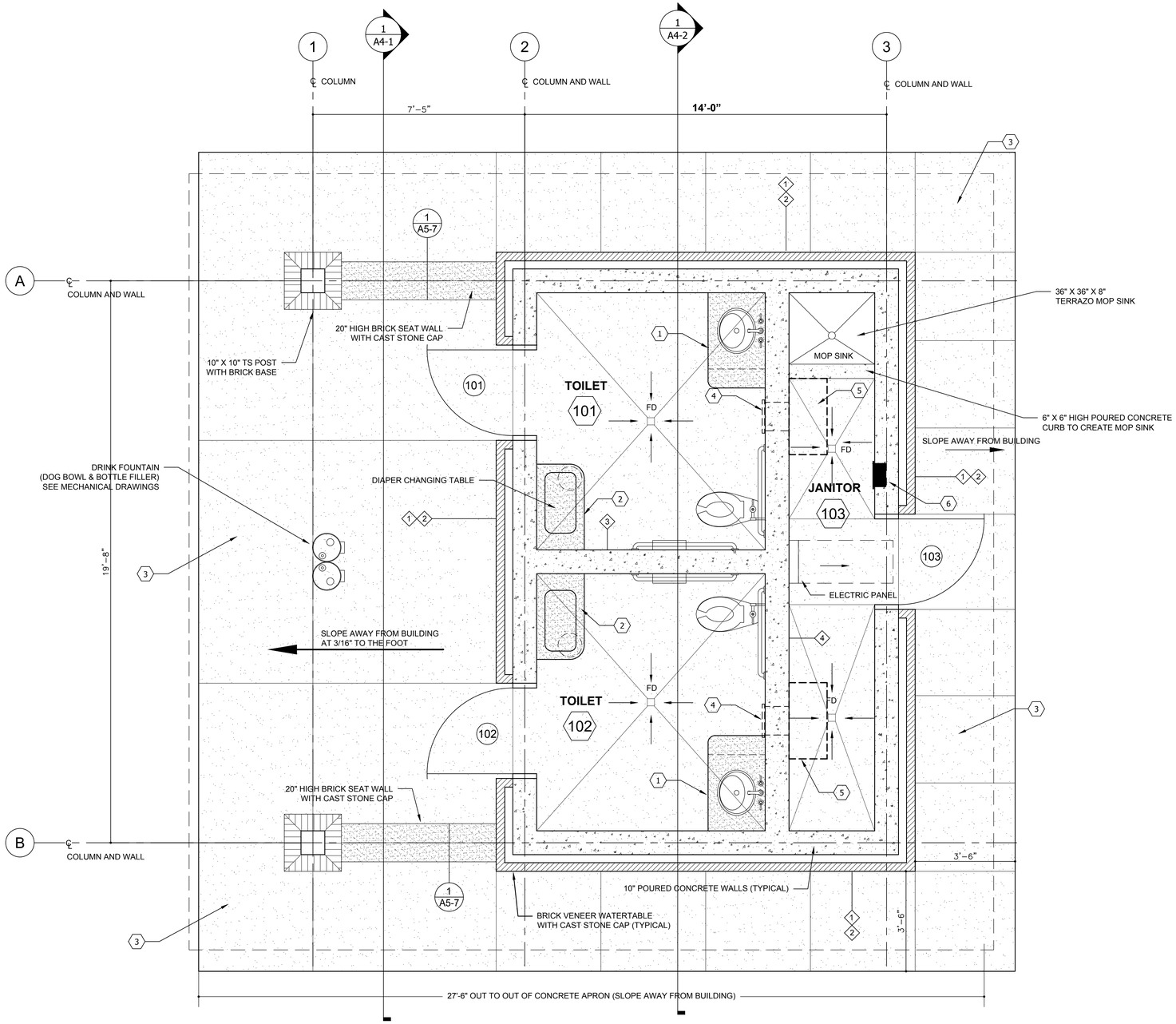
FOUNDATION PLAN

MODIFIED DATE:

JOB NO: 1922

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

SHEET: S-3



1 A1-1 FLOOR PLAN
Scale: 1/2" = 1'-0"

KEYNOTES

1. CONCRETE VANITY - SEE DETAIL 4/A7-1
2. CONCRETE DIAPER CHANGING TABLE - SEE DETAIL 1/A8-3
3. 4" THICK CONCRETE SLAB ON GRADE SLOPED AWAY FROM BUILDING. LIGHT BROOM FINISH.
4. CUSTOM TRASH CHUTE. SEE DETAIL 2/A8-3
5. TRASH CAN ENCLOSURE. SEE DETAIL '1' AND '2' ON A8-4
6. FULLY RECESSED FIRE EXTINGUISHER AND CABINET SEE DETAIL 'A' AND 'B' ON A2-2

LEGEND

- FD — SQUARE FLOOR DRAIN WITH TRAP PRIMER. PROVIDE HEAT TAPE ON TRAP PRIMER. SLOPE CONCRETE TO FLOOR DRAIN.
- 1 — WALL TYPE - SEE SHEET A2-3
- SLOPE CONCRETE SLAB TO SQUARE FLOOR DRAIN @ 3/16" TO THE FOOT

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REVISIONS

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SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

FLOOR PLAN

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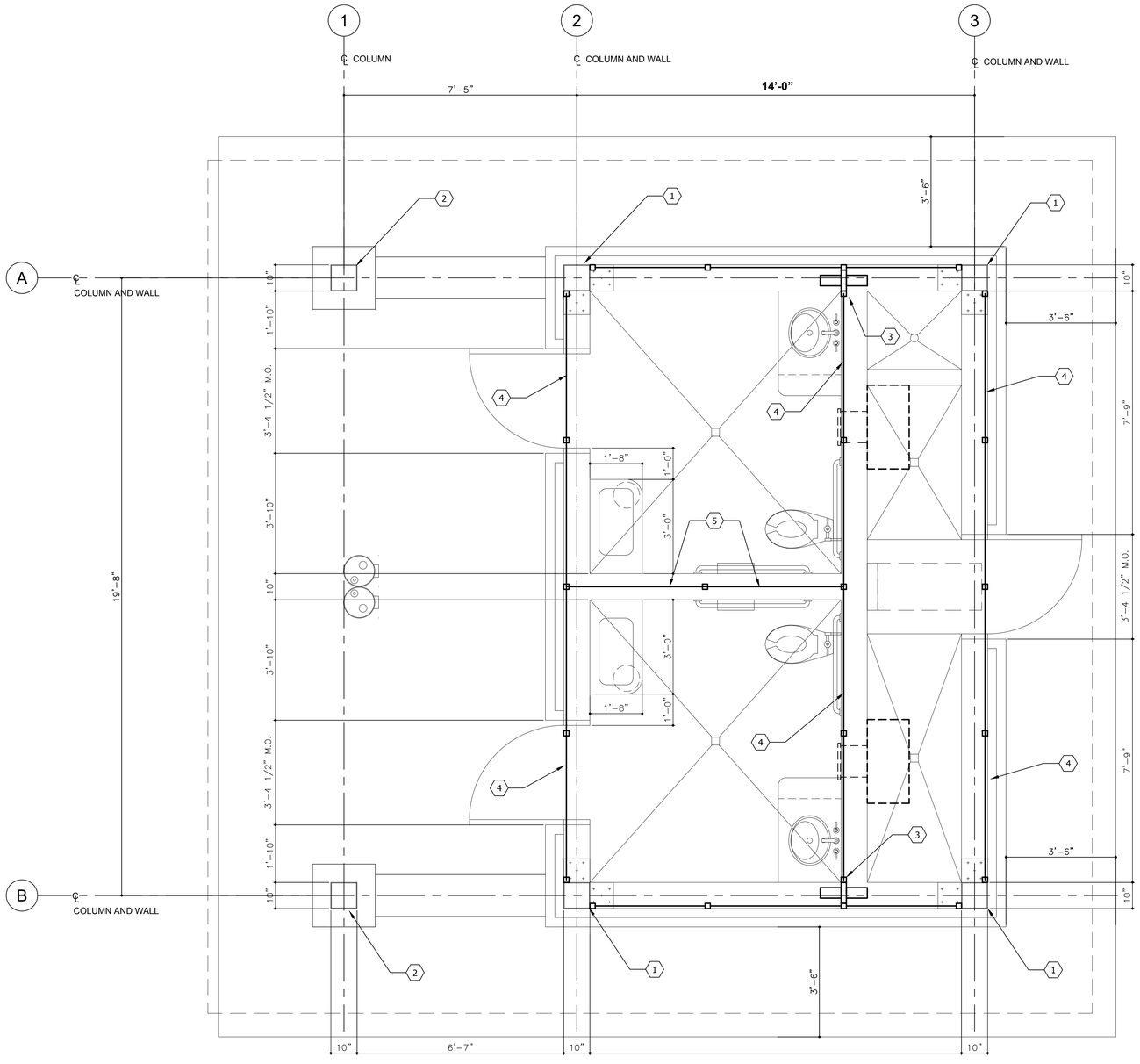
JOB NO:
1922

SHEET:
A1-1



1 / A1-2 DIMENSION PLAN
Scale: 1/2" = 1'-0"

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SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

DIMENSION PLAN

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14 FEB 2020

JOB NO:
1922

SHEET:
A1-2

DOOR AND FRAME SCHEDULE

DOOR SCHEDULE

DOOR MARK	SIZE W	SIZE H	SIZE T	TYPE	MAT'L	FIN.	GLASS TYPE	GLASS W	GLASS H	LOUVER TYPE	LOUVER W	LOUVER H	GRILLE TYPE	GRILLE W	GRILLE H	LABEL	DOOR SIGN READING	NOTES
1	3'-0"	7'-0"	1 3/4"	CHM-2	METAL	PAINT												B, C, PVCY, WS, FS, KP, AT
2	3'-0"	7'-0"	1 3/4"	CHM-2	METAL	PAINT												B, C, PVCY, WS, FS, KP, AT
3	3'-0"	7'-0"	1 3/4"	CHM-2	METAL	PAINT												B, C, PVCY, WS, FS, KP, AT

FRAME SCHEDULE

DOOR MARK	SIZE W	SIZE H	SIZE D	TYPE	MAT'L	FIN.	DETAIL HD	DETAIL JB	DETAIL SL	LABEL	FIN. HARDWARE SET No.	FIN. HARDWARE KEY SIDE	NOTES
1	3'-4"	7'-4"	15 1/2"	CHM-2	METAL	PAINT	1/A2-2	1/A2-2	3				
2	3'-4"	7'-4"	15 1/2"	CHM-2	METAL	PAINT	1/A2-2	1/A2-2	3				
3	3'-4"	7'-4"	15 1/2"	CHM-2	METAL	PAINT	1/A2-2	1/A2-2	3				

INTERIOR FINISH SCHEDULE

SPACE NO.	SPACE NAME	FLOOR MATERIAL	FLOOR FINISH	BASE MATERIAL	BASE FINISH	NORTH WALL MATERIAL	NORTH WALL FINISH	EAST WALL MATERIAL	EAST WALL FINISH	SOUTH WALL MATERIAL	SOUTH WALL FINISH	WEST WALL MATERIAL	WEST WALL FINISH	CEILING MATERIAL	CEILING FINISH	CLR. HT.	CLR. GP.	NOTES
		1 CARPET TYPE 1 2 CARPET TYPE 2 3 ENTRANCE CARPET 4 RESILIENT TILE 5 RESILIENT SHEET 6 CERAMIC TILE 7 QUARRY TILE (2-1/2" BED) 8 CONCRETE 9 PAINTED FLOOR CARPET	1 FACTORY 2 TROWEL AND SEAL 3 PAINT 4 LIGHT BROOM FINISH 5 KEMIKO CONCRETE STAIN	1 RESILIENT 2 CERAMIC TILE 3 PORCELAIN TILE/SILICONE GROUT 4 WOOD-6" WOOD-STAIN	1 PAINT 2 FACTORY 3 STAIN	1 HOLLOW CONC. MASONRY 2 CERAMIC TILE 3 GYPSUM BOARD 4 GLASS 5 CONCRETE(RUB & PATCH) 6 BRICK 7 LOG AND SCREEN 8 T1-11 SIDING 4'X8' 9 CMU W/ FURRED BEAD BOARD	1 PAINT / VANDAL PROOF 2 FACTORY 3 SPECIAL COATING 4 STAINED	1 HOLLOW CONC. MASONRY 2 CERAMIC TILE 3 GYPSUM BOARD 4 GLASS 5 CONCRETE(RUB & PATCH) 6 BRICK 7 LOG AND SCREEN 8 T1-11 SIDING 4'X8' 9 CMU W/ FURRED BEAD BOARD	1 PAINT / VANDAL PROOF 2 FACTORY 3 SPECIAL COATING 4 STAINED	1 HOLLOW CONC. MASONRY 2 CERAMIC TILE 3 GYPSUM BOARD 4 GLASS 5 CONCRETE(RUB & PATCH) 6 BRICK 7 STONE AND SCREEN 8 T1-11 SIDING 4'X8' 9 CMU W/ FURRED BEAD BOARD	1 PAINT / VANDAL PROOF 2 FACTORY 3 SPECIAL COATING 4 STAINED	1 HOLLOW CONC. MASONRY 2 CERAMIC TILE 3 GYPSUM BOARD 4 GLASS 5 CONCRETE(RUB & PATCH) 6 BRICK 7 EXPOSED T&G CEILING (STAIN) 8 1/2 PLYWOOD (PAINTED & BACK PAINTED) 9 T1-11 SIDING 4'X8'	1 PAINT / VANDAL PROOF 2 FACTORY 3 SPECIAL COATING 4 STAINED	1 ACOUST. TILE TYPE 1 2 ACOUST. TILE TYPE 2 3 EXPOSED STRUCTURE 4 1/2" W.R. GYP. BRD. 5 1/2" GYP. BRD. 6 5/8" GYP. BRD. TYPE 'X' 7 EXPOSED T&G CEILING (STAIN) 8 1/2 PLYWOOD (PAINTED & BACK PAINTED) 9 T1-11 SIDING 4'X8'	1 PAINT 2 FACTORY 3 SPECIAL COATING 4 STAINED			
101	TOILET	8	2 5	3	2	5	1	5	1	5	1	5	1	7	4	VARIES		(1) ADD. ALT. NO. 1
102	TOILET	8	2 5	3	2	5	1	5	1	5	1	5	1	7	4	VARIES		(1) ADD. ALT. NO. 1
103	JANITOR	8	2 5	3	2	5	1	5	1	5	1	5	1	7	4	VARIES		

NOTES:

1. COMPLY WITH ALL HANDICAPPED ACCESSIBILITY AND RELATED REQUIREMENTS
2. HARDWARE TO BE MID-LINE COMMERCIAL GRADE LEVER HANDLE HARDWARE WITH BRUSHED STAINLESS STEEL FINISH, S MANUFACTURED BY SARGENT, SCHLAGE, RIXON OR APPROVED EQUIVALENT. (SEE PROJECT MANUAL FOR DETAILED SPECIFICATIONS)
3. ALL HARDWARE NOTED TO BE PRIVACY HARDWARE SHALL BE KEYED FROM ENTRY SIDE AND THUMBLATCH OR OTHER NON-KEYED LOCK RELEASE FROM INSIDE.
4. ALL DOORS TO HAVE WALL OR FLOOR MOUNTED DOOR STOPS AND SILENCERS AS APPROVED BY ARCHITECT.
5. COORDINATE ALL KEYING AND HARDWARE FUNCTIONS WITH OWNER / AND OR TENANT PRIOR TO PURCHASE OR INSTALLATION OF DOORS, FRAMES AND / OR HARDWARE.
6. DOORS 1,2 AND 3 TO RECEIVE HAGER INTERLOCKING / OVERHEAD DRIP GUARDS, MODEL#7175.
7. ALL DOORS TO HAVE SILENCERS.

VANDAL PROOF PAINTING - INTERIOR

NOTE - PAINT ALL WALLS IN SPACES 101, 102 AND 103 WITH ONE COAT OF PRIMER AND ONE COAT OF 7.8 MIL THICKNESS OF TNEMEC PAINT COATING. AFTER INSTALLATION OF PAINT COATING, WAIT 72 HOURS MINIMUM, THEN PAINT 3 COATS OF VANDLGUARD, NON-SCARIFING ANTI-GRAFFITI COATING OVER ALL PAINTED CONCRETE SURFACES

VANDAL PROOF PAINTING - EXTERIOR

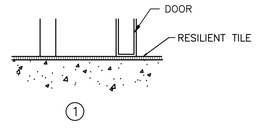
AFTER PAINTING ALL EXPOSED TO VIEW STEEL INSTALL 3 NEW COATS OF VANDLGUARD, NON-SCARIFING ANTI-GRAFFITI COATING TO ALL BRICK VENEER, EXPOSED CORRUGATED METAL WALL PANELS, DOORS AND FRAMES, STEEL COLUMNS AND STAINED WOOD CEILING.

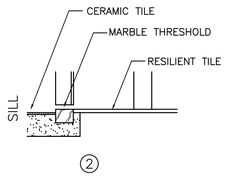
ADDITIVE ALTERNATIVE NO. 1

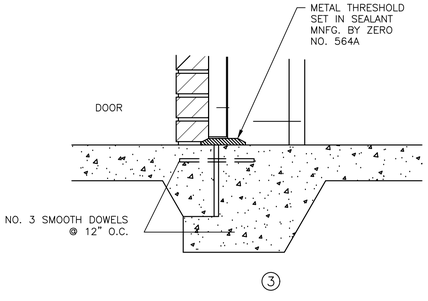
IN LIEU OF STAINED CONCRETE FLOOR - RECESS SLAB 2-1/2" AND INSTALL FULL SETTING BED AND INSTALL 4"TO 5" WIDE X 3'-0" LONG PORCELAIN TILE WITH A WOOD GRAIN APPEARANCE. GROUT TO BE COLORED URETHANE GROUT.

DOOR SCHEDULE
HARDWARE ABBREVIATIONS

B	3 BUTT HINGES
C	CLOSER
K	KICKPLATE (8" X 34")
PP	PUSH / PULL HARDWARE
PSG	PASSAGE HARDWARE
PVCY	PRIVACY HARDWARE / OFFICE LOCK
WS	WEATHER SEAL
X	EXIT PANIC HARDWARE W/ LOCKSET
XO	EXIT ONLY PANIC DEVICE HARDWARE
DS	DOOR STOP ON WALL
FS	FLOOR STOP DOOR STOP
KP	KEY PAD WITH ELECTRICAL STRIKE TIED TO CITY OF LAGRANGE FIBER SECURITY
AT	ALUMINUM THRESHOLD SET IN SEALANT







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7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

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REVISIONS

	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

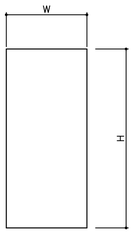
DOOR SCHEDULE
FINISH SCHEDULE

MODIFIED DATE:

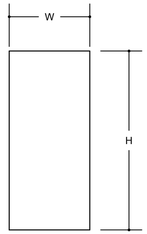
ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A2-1



CHM - 1



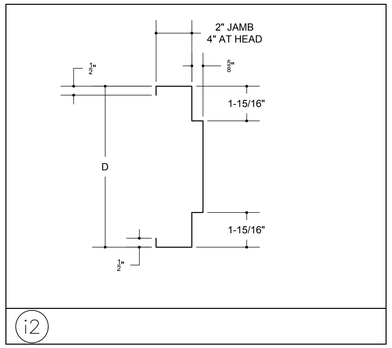
CHM - 2

(FEMA LABELED STORM DOOR SEE SPECIFICATIONS THIS SHEET.)

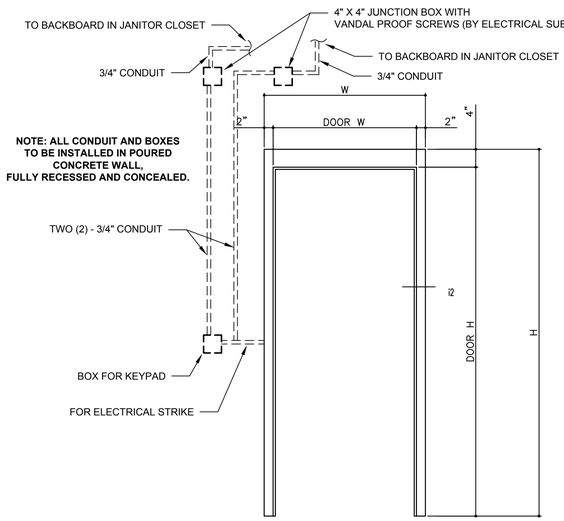
HOLLOW METAL DOORS

FEMA STEEL SHELTER DOOR SPECIFICATIONS

FEMA STEEL STORM DOORS WITH 320/361 SERIES STEEL STORM DOOR FRAME. DESIGN BASED ON STORM DEFEND FEMA DOOR ASSEMBLY MEETING FEMA 320/361 STANDARDS FOR TORNADO RESISTANCE OF FLYING DEBRIS UP TO 250 MPH. EACH DOOR/FRAME ASSEMBLY IS TO BE CLEARLY LABELED WITH "FEMA 320/361".
PROVIDE EACH DOOR ASSEMBLY WITH FEMA APPROVED HARDWARE BY STORM DEFEND WITH 8000 SERIES SECURITECH PANIC EXIT DEADLOCK SYSTEM. DOORS LOCATED IN 2-HOUR RATED WALLS TO HAVE 2-HOUR RATED DOOR/FRAME ASSEMBLIES AND 2-HOUR RATED HARDWARE.



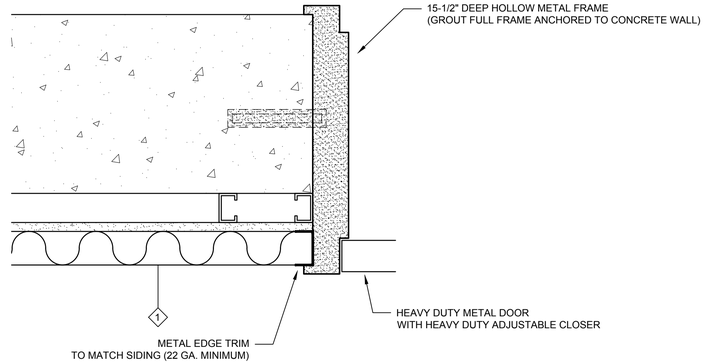
CHM - 1



• CHM - 2

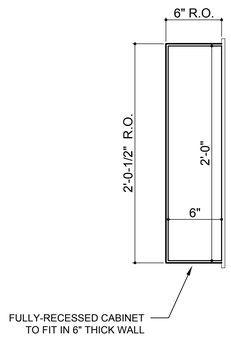
(FEMA LABELED STORM FRAME; SEE SPECS THIS SHEET)

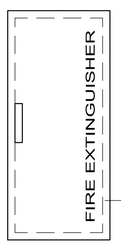
HOLLOW METAL AND ALUMINUM FRAMES



1 / A2-2 DOOR JAMB DETAIL

SCALE: 3" = 1'-0" (HEAD SIMILAR)

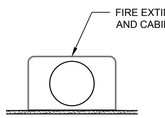




SEE PLANS FOR LOCATIONS

2'-6" TO BOTTOM OF R.O.

FIRE EXTINGUISHER CABINETS SHALL BE EQUAL TO LARSEN "OCCULT" SERIES MODEL NO. SS0-2409, FULLY RECESSED, SOLID DOOR STYLE, BLACK TYPE "A" LETTERS, STAINLESS STEEL FINISH.



A / A2-2 FIRE EXTINGUISHER CABINET
TYPE 1 - SURFACE MOUNT

SCALE: NONE

B / A2-2 FIRE EXTINGUISHER CABINET
TYPE 2 - FULLY RECESSED

SCALE: NONE

NOTE TO G.C.:

IF A CURING COMPOUND IS USED ON THE CONCRETE SLAB, BE AWARE THAT IN DIV. 9 THE RESILIENT TILE, CARPET, CERAMIC TILE AND OTHER FLOORING MANUFACTURERS REQUIRE THAT THE SUBFLOOR IS FREE OF CURING COMPOUNDS. IT WILL TAKE DELIBERATE ACTION TO REMOVE THE CURING COMPOUND.

ALSO BE AWARE THAT IN DIV. 9 ANOTHER REQUIREMENT PERTAINING TO THE CONCRETE STATES THAT MOISTURE EMISSIONS SHALL NOT EXCEED 3 OR 5 POUNDS OF WATER PER 1,000 S.F. PER 24 HOURS, AS MEASURED BY ANHYDROUS CALCIUM CHLORIDE TESTS.

TIMELY REMOVAL OF THE CURING COMPOUND (AFTER COMPRESSIVE STRENGTH IS ESTABLISHED) MAY HAVE A DIRECT BEARING ON THE MOISTURE EMISSIONS PRESENT WHEN IT IS TIME TO INSTALL FLOOR COVERINGS IN DIV. 9.

ARCHITECT'S STAMP

STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT

SIGNATURE REQUIRED

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LAGRANGE, GEORGIA 30240

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REVISIONS

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SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

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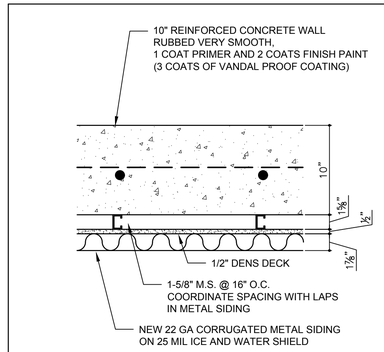
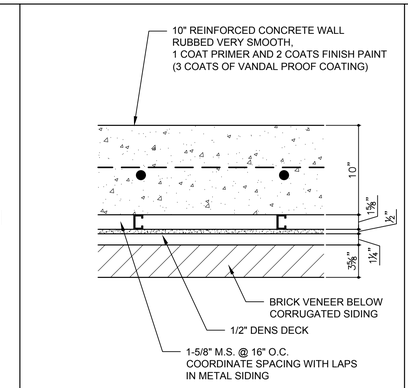
SHEET:
A2-2

GENERAL WALL TYPE NOTES:

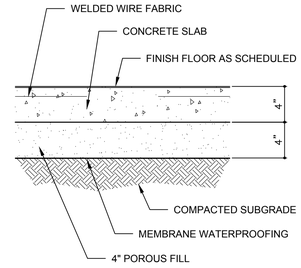
1. DETAILS SHOWN ARE TYPICAL AND SHALL APPLY TO ALL LIKE AND/OR SIMILAR CONDITIONS WHETHER SPECIFICALLY MARKED OR NOT
2. PAINT ABOVE CEILINGS AT 12'-0" O.C. IN 2" HIGH RED LETTERS [1,2,4] HOUR FIRE WALL AND SMOKE BARRIER - PROTECT ALL OPENINGS ON ALL RATED WALLS.
3. SEAL AROUND ALL PENETRATIONS IN RATED WALLS.
4. PROVIDE CONTROL JOINTS @ 30'-0" O.C. FOR ALL GYPSUM BOARD WALL TYPES. SEE DETAIL 6/A9-1. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
5. 600S162-68 (6" DEEP, 1-5/8" WIDE, 14 GAUGE) GALV. STUDS @ 16" O.C. (MAX) ATTACHED TO RUNNERS W/ 1/2" TYPE S-12 SCREW OR PER AISI SPECS. PROVIDE LATERAL SUPPORT WHERE REQ'D.
6. SEAL AROUND ALL PENETRATIONS TO LIMIT SMOKE AND SOUND TRANSMISSION THROUGH RATED WALL TYPES. USE UL APPROVED SEALANT.
7. ALL EXPOSED TO VIEW GYPSUM BOARD WALLS TO HAVE TYPE / LEVEL 5 FINISH



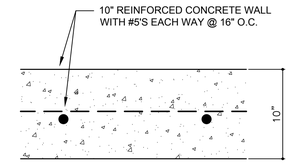
1 EXTERIOR WALL (CONCRETE & METAL)



2 EXTERIOR WALL (CONCRETE & BRICK)



3 TYPICAL SLAB ON GRADE



4 INTERIOR WALL (CONCRETE)

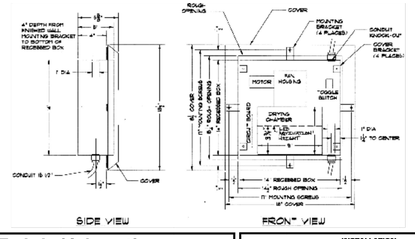
METAL ROOF & METAL WALL PANELS SPECIFICATION:

DESIGN BASED ON FABRAL "V BEAM" 1-3/4" TALL X 32" COVERAGE, STEEL PANELS (22 GAUGE)

PAINT COLOR TO BE SELECTED FROM CORE COLORS, MICA COLORS OR ALUNATUR COLORS.

PINNACLE DRYER CORPORATION

Recessed Model PDC-R10



Technical Information

MOTOR – Heavy Duty, 7500 RPM, Double-insulated, CSA & UL Component Approved

POWER CONSUMPTION – 11.5 amps 1.37 KW at 120 Vac Nominal

FAN ROTOR – Pressed, Galvanized and Electrically balanced delivering 150 cfm

HEATING ELEMENT – 1000W Heavy-duty, thermally protected to cut out at 90 C.

WARRANTY – Limited 10 year warranty

COVER – 18 gauge stainless steel

CIRCUITRY– All new solid state circuitry has completely eliminated all mechanical parts. Unit is activated by infra-red sensor when hands are placed in drying chamber. Dryer operates only when in use.

DRYING TIME – Complete drying is accomplished in 20-25 seconds.

WEIGHT – 20 lbs.

SAFETY – Five Levels of Over-Temperature Protection

INSTALLATION

The "Pinnacle" touchless hand dryer must be installed on a 20 AMP dedicated circuit and must be properly grounded. We recommend installing dryers on a GFI breaker.

CAUTION : Route Field Wiring Connections Away from Moving Parts. Disconnect from Power Before Servicing.

Dryer must be installed in accordance with the **National Electric Code (NEC)** and any local or state codes.

Mount Model #PDC-R10 in cut-out of wall after construction of finished wall is complete. 4" depth from mounting brackets to rear of recessed box requires mounting on finished wall surface. Knock-outs for conduit are provided on the top and bottom right side of the recess box, 1.5" from the right side to the center of the knock-outs.

FOR THE UNIT TO FUNCTION PROPERLY INSTALLATION SHOULD BE COMPLETE AND THE COVER IN PLACE.

RECOMMENDED MOUNTING HEIGHTS
(check Code requirements in your area)
Distance from Floor to electronic eye in Drying Chamber :

Men's Washrooms.....46"(117 cm)
Women's Washrooms.....44"(112 cm)
Children's Washroom's (ages 4-7 yrs).....32"(81 cm)
Children's Washroom's (ages 7-10 yrs).....36"(91 cm)
Children's Washroom's (ages 10-13 yrs).....40"(102 cm)
Children's Washroom's (ages 13-17 yrs).....44"(112 cm)

WARRANTY

PINNACLE DRYER CORPORATION EXTENDS A **TEN (10) YEAR LIMITED WARRANTY** ON REPLACEMENT PARTS. This warranty applies only to the original purchaser and is effective from date of purchase. The printed circuit board shall have a warrantee for one (1) year from date of purchase. Liability other than replacement of defective parts will not be accepted by the company. This warranty does not include parts damaged due to electrical storms and other acts of nature. As "Pinnacle" hand dryers are designed to be repaired very easily without removal from the wall, shipping and factory labor costs are normally eliminated. In the event the purchaser prefers to return the hand dryer to the factory for repair, all parts under warranty will be repaired with purchaser paying a $30.00 service charge and all freight costs. This warranty is limited to replacement of defective parts only and does not apply to normal wear and tear, malicious damage, vandalism or improper installation. All defective parts must be returned prepaid to the factory along with hand dryer serial number.

MADE IN USA

307 FIELDS DRIVE · ABERDEEN, NC 28315 · TEL: 910.944.2117 OR 800.943.7937 · FAX: 910.944.9430
www.pinnacledryer.com

VandlGuard®

Non-Sacrificial Graffiti Protection

Product Highlights

- Protects Surfaces from Damage caused by Graffiti
- Has a Tough & Durable Finish that Will Not Yellow
- Protective Layer is Unaffected by Repeated Graffiti Removals
- Protects Concrete, Stucco, EFIS, Brick, Wood, Metal, Plastic & Painted Surfaces

AVAILABLE SIZES

VandlGuard® Non-Sacrificial Ant-Graffiti Coating is available in 2 sizes: 1 gallon & 5 gallons.

FEATURED PROJECT

VandlGuard® keeps a Walmart Supercenter in Hesperia, CA free from permanent graffiti stains.

Overview

VandlGuard® is a non-sacrificial anti-graffiti coating that protects surfaces from staining & damage caused by commercial spray paints.

VandlGuard® can be applied to any vertical or horizontal exterior surface and dries clear (will not yellow over time).

Material Warranty:
1 Year Warranty - *Apply 1 coat*
5 Year Warranty - *Apply 2 coats*
10 Year Warranty - *Apply 3 coats*

ARCHITECT'S STAMP
STATE OF GEORGIA
GREGORY W. SMITH JR.
7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

1 / A5-1
0.00' FINISH FLOOR

REVISIONS

	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

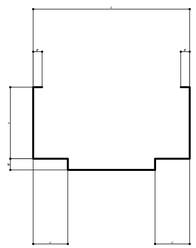
WALL TYPES

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A2-3



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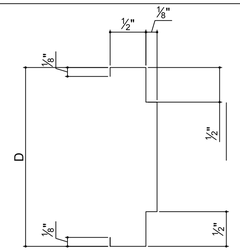

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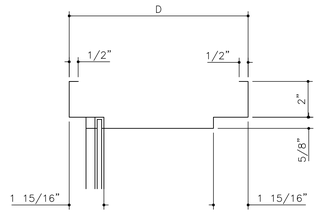

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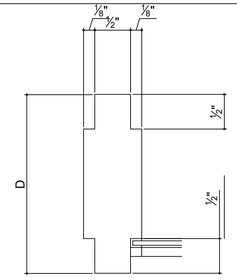

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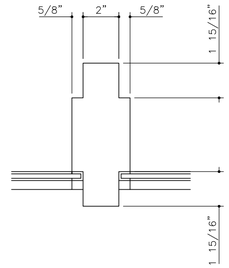

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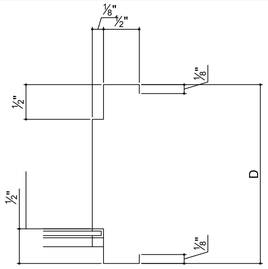

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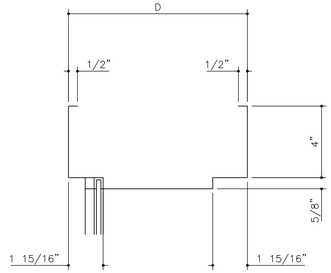

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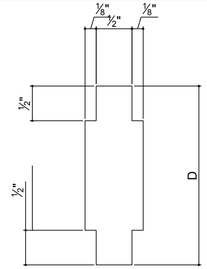

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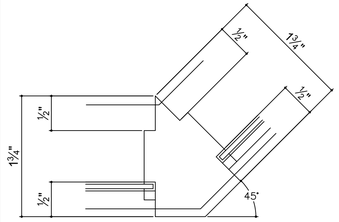

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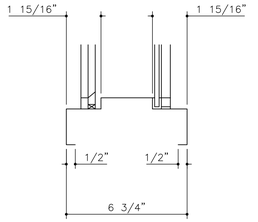

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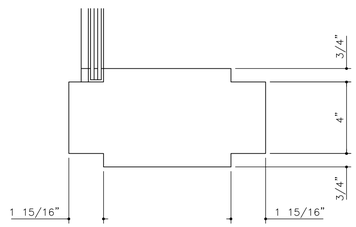

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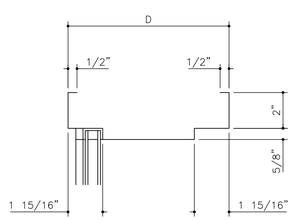

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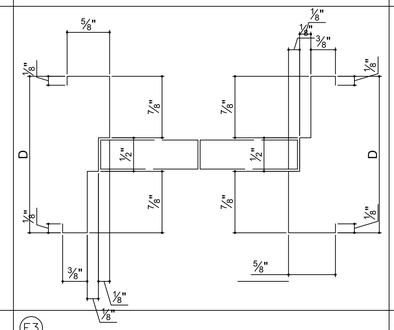

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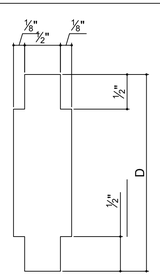

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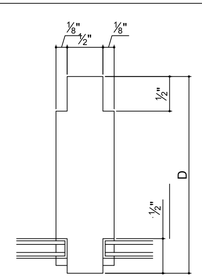

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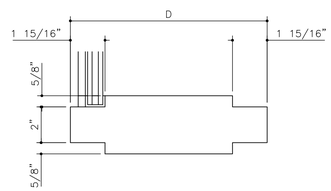

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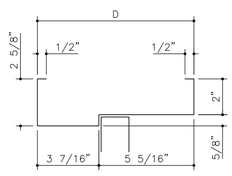


E8

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH JR.
7575
REGISTERED LANDSCAPE ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

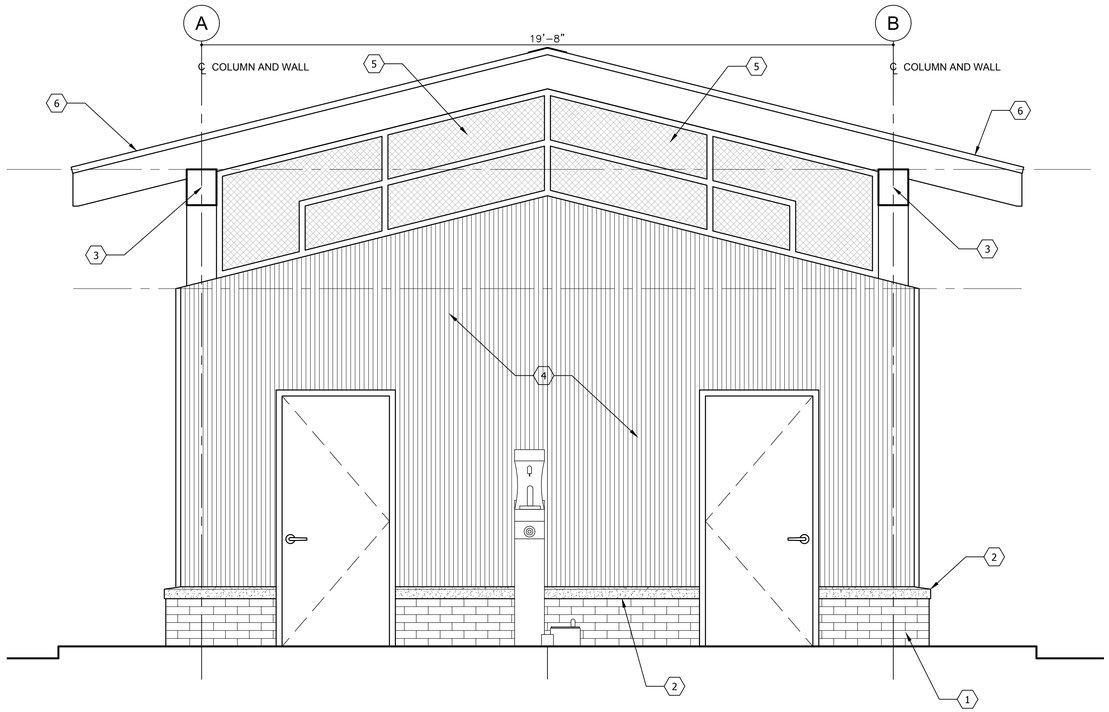
FRAME TYPES

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

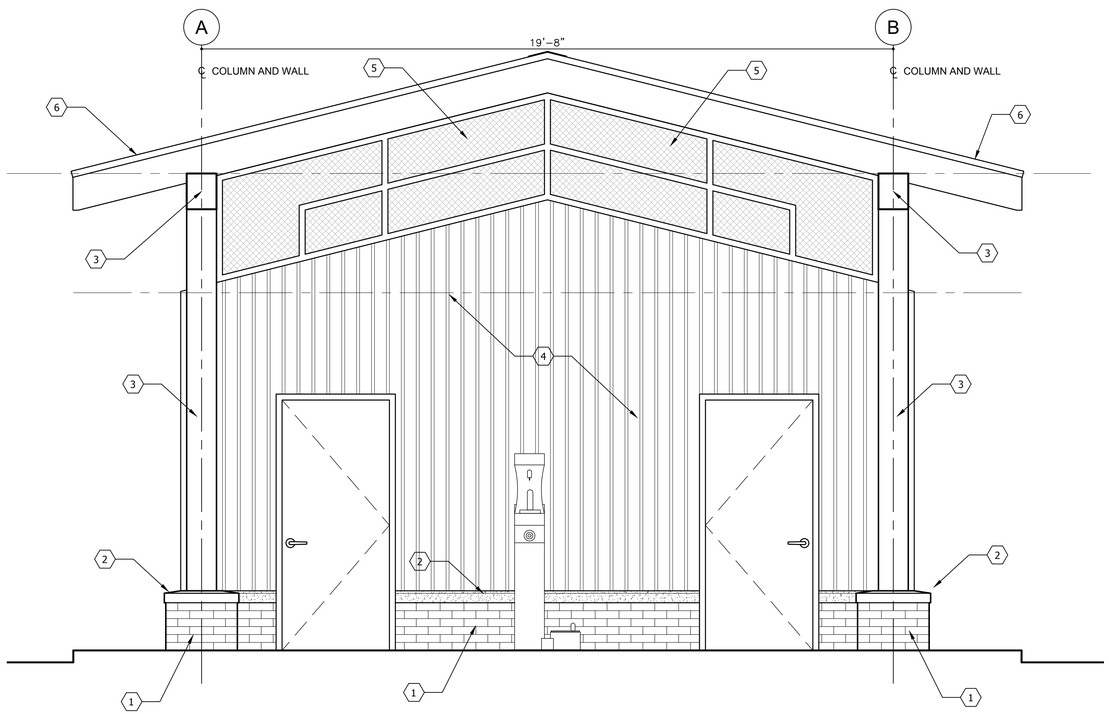
JOB NO:
1922

SHEET:
A2-4



1 / A3-1 EXTERIOR ELEVATION (WITHOUT PORCH)

Scale: 1/2" = 1'-0"



2 / A3-1 EXTERIOR ELEVATION (SHOWING PORCH)

Scale: 1/2" = 1'-0"

KEYNOTES

1. BRICK VENEER (TO MATCH EXISTING PAVILION)
2. CAST STONE (TO MATCH EXISTING PAVILION)
3. TUBE STEEL - PAINTED
4. 22 GAUGE CORRUGATED METAL SIDING
5. CUSTOM METAL FRAME AND METAL MESH (SEE DETAIL 3/A5-5)
6. P.T. WOOD FASCIA WRAPPED IN 0.62" ALUMINUM
7. METAL ROOF TO MATCH EXISTING PAVILION

METAL ROOF & METAL WALL PANELS SPECIFICATION:

DESIGN BASED ON FABRAL "V BEAM" 1-3/4" TALL X 32" COVERAGE, STEEL PANELS (22 GAUGE)

PAINT COLOR TO BE SELECTED FROM CORE COLORS, MICA COLORS OR ALUNATUR COLORS.

NOTE: CAST STONE TO MEET THE FOLLOWING:

a. Physical properties: provide the following:
   1. Compressive Strength: ASTM C 1194: 6,500 psi (45 Mpa) min. for products at 28 days.
   2. Absorption: ASTM C 1195: 6% max. by cold water method, or 10% max. by the boiling method for products at 28 days.
   3. Air Content: ASTM C 173 or C 231, for wet cast product shall be 4-6% for units used in a freeze-thaw environment.

b. Manufacturer of cast stone must be a producer member of the Cast Stone Institute. Provide detailed shop drawings with mix design meeting Cast Stone Institute specifications. Color to be white or off-white to match sample in Architect's office at a ten foot distance.

ARCHITECT'S STAMP

STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

1 / A5-1 0.00' FINISH FLOOR

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

EXTERIOR ELEVATIONS

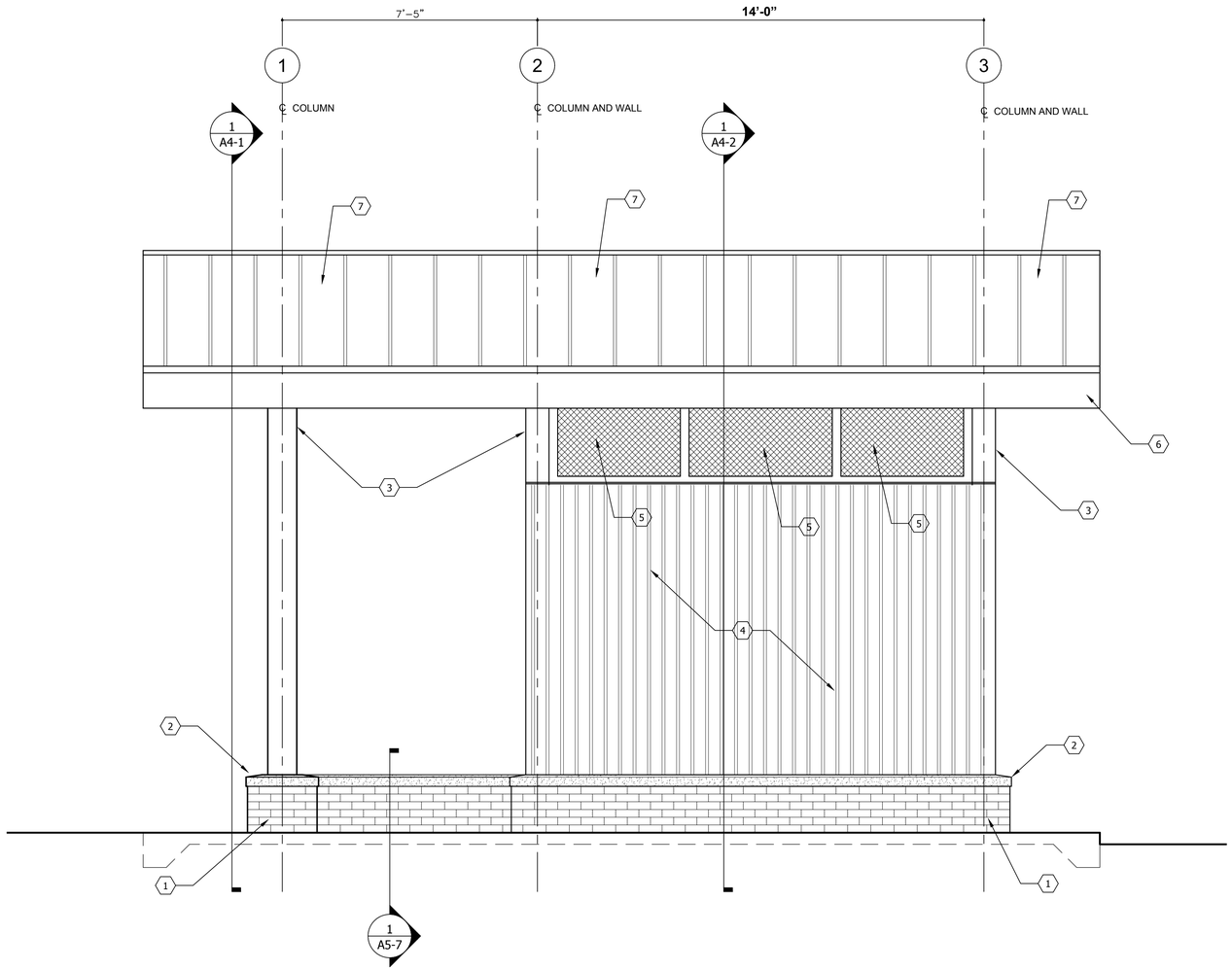
MODIFIED DATE:

ISSUED DATE:

FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A3-1



1 A3-2 EXTERIOR ELEVATION
Scale: 1/2" = 1'-0"

KEYNOTES

1. BRICK VENEER (TO MATCH EXISTING PAVILION)
2. CAST STONE (TO MATCH EXISTING PAVILION)
3. TUBE STEEL - PAINTED
4. 22 GAUGE CORRUGATED METAL SIDING
5. CUSTOM METAL FRAME AND METAL MESH (SEE DETAIL 3/A5-5)
6. P.T. WOOD FASCIA WRAPPED IN 0.62" ALUMINUM
7. METAL ROOF TO MATCH EXISTING PAVILION

METAL ROOF & METAL WALL PANELS SPECIFICATION:

DESIGN BASED ON FABRAL "V BEAM" 1-3/4" TALL X 32" COVERAGE, STEEL PANELS (22 GAUGE)

PAINT COLOR TO BE SELECTED FROM CORE COLORS, MICA COLORS OR ALUNATUR COLORS.

NOTE: CAST STONE TO MEET THE FOLLOWING:

a. Physical properties: provide the following:
   1. Compressive Strength: ASTM C 1194: 6,500 psi (45 Mpa) min. for products at 28 days.
   2. Absorption: ASTM C 1195: 6% max. by cold water method, or 10% max. by the boiling method for products at 28 days.
   3. Air Content: ASTM C 173 or C 231, for wet cast product shall be 4-6% for units used in a freeze-thaw environment.

b. Manufacturer of cast stone must be a producer member of the Cast Stone Institute. Provide detailed shop drawings with mix design meeting Cast Stone Institute specifications. Color to be white or off-white to match sample in Architect's office at a ten foot distance.

ARCHITECT'S STAMP
STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

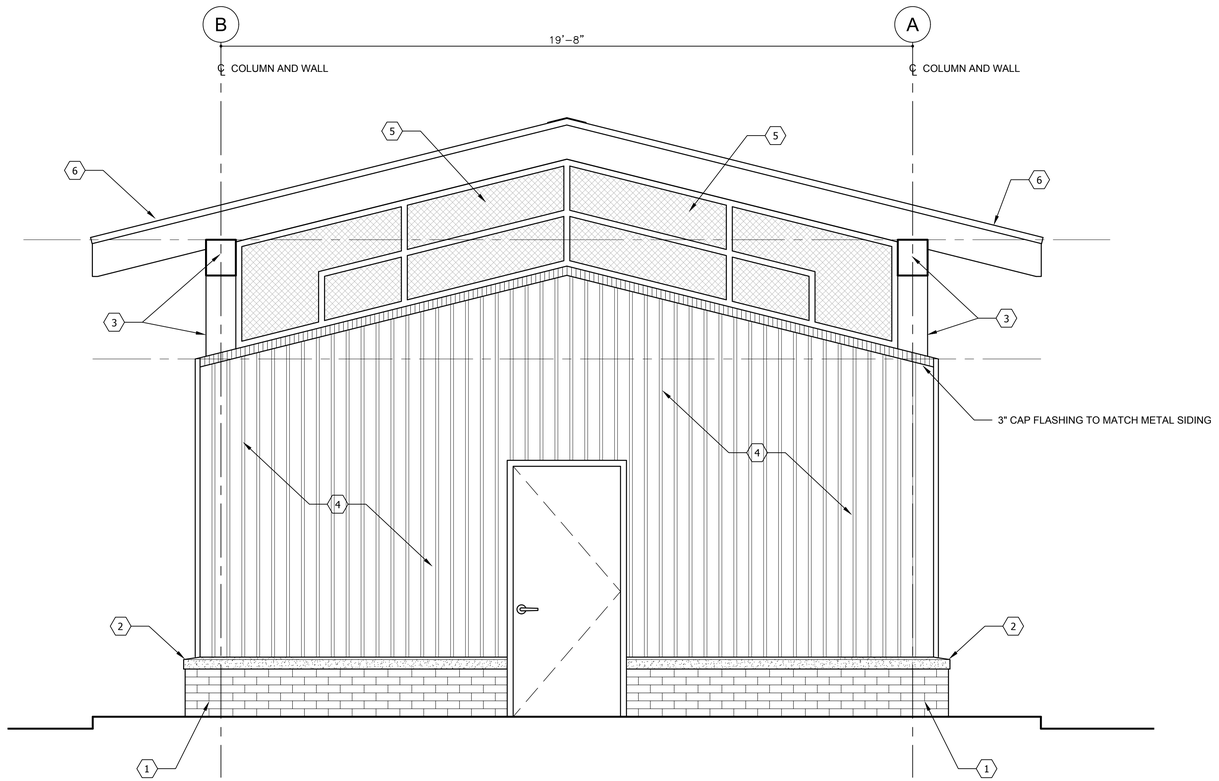
EXTERIOR ELEVATIONS

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A3-2



1 / A3-3 EXTERIOR ELEVATION

Scale: 1/2" = 1'-0"

KEYNOTES

1. BRICK VENEER (TO MATCH EXISTING PAVILION)
2. CAST STONE (TO MATCH EXISTING PAVILION)
3. TUBE STEEL - PAINTED
4. 22 GAUGE CORRUGATED METAL SIDING
5. CUSTOM METAL FRAME AND METAL MESH (SEE DETAIL 3/A5-5)
6. P.T. WOOD FASCIA WRAPPED IN 0.62" ALUMINUM
7. METAL ROOF TO MATCH EXISTING PAVILION

METAL ROOF & METAL WALL PANELS SPECIFICATION:

DESIGN BASED ON FABRAL "V BEAM" 1-3/4" TALL X 32" COVERAGE, STEEL PANELS (22 GAUGE)

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NOTE: CAST STONE TO MEET THE FOLLOWING:

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   3. Air Content: ASTM C 173 or C 231, for wet cast product shall be 4-6% for units used in a freeze-thaw environment.

b. Manufacturer of cast stone must be a producer member of the Cast Stone Institute. Provide detailed shop drawings with mix design meeting Cast Stone Institute specifications. Color to be white or off-white to match sample in Architect's office at a ten foot distance.

ARCHITECT'S STAMP

STATE OF GEORGIA · GROVER W. SMITH, JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

1 / A5-1 0.00' FINISH FLOOR

REVISIONS

⚠	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

EXTERIOR ELEVATIONS

MODIFIED DATE:

ISSUED DATE:

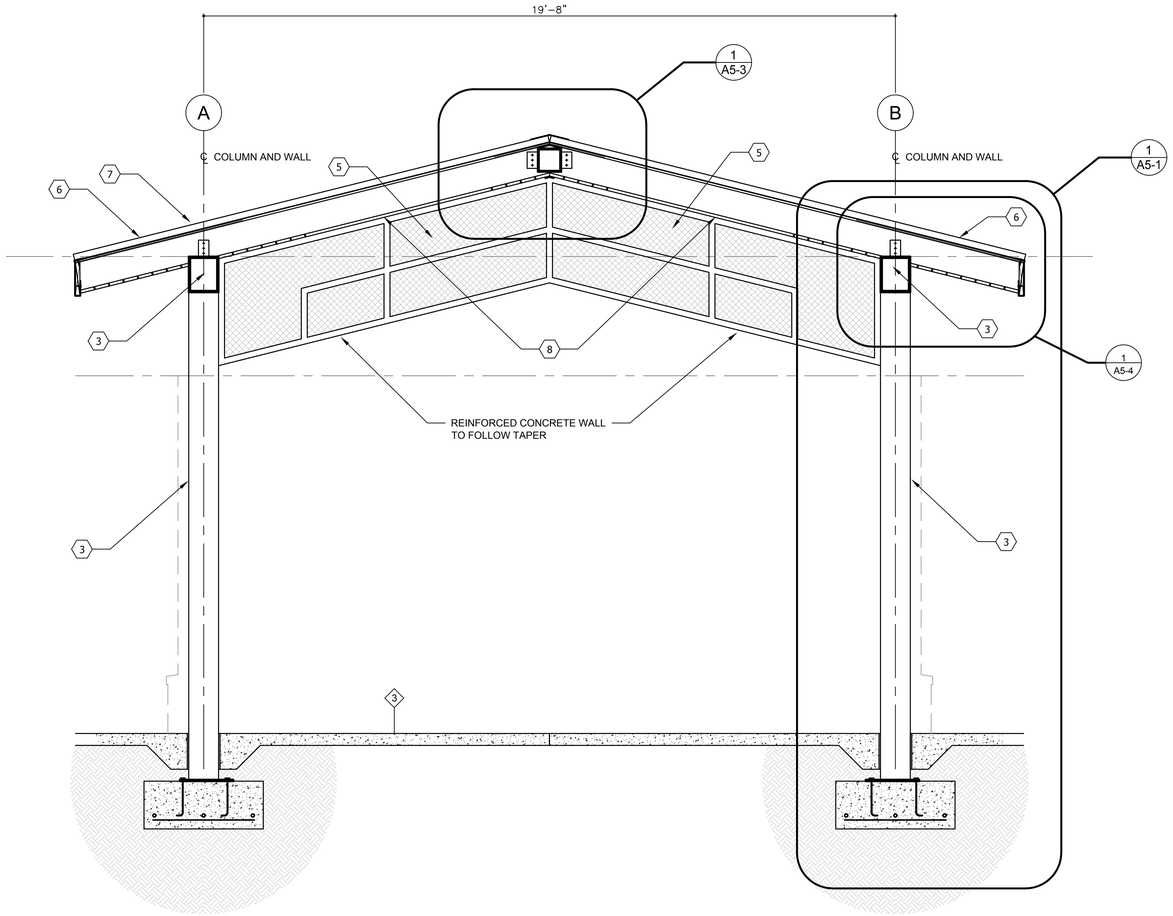
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A3-3

KEYNOTES

1. BRICK VENEER (TO MATCH EXISTING PAVILION)
2. CAST STONE (TO MATCH EXISTING PAVILION)
3. TUBE STEEL - PAINTED
4. 22 GAUGE CORRUGATED METAL SIDING
5. CUSTOM METAL FRAME AND METAL MESH (SEE DETAIL 3/A5-5)
6. P.T. WOOD FASCIA WRAPPED IN 0.62" ALUMINUM
7. METAL ROOF TO MATCH EXISTING PAVILION
8. 1X6 TONGUE & GROOVE DECK BOARDS STAINED ON 2X10'2 @ 16" O.C.



1 / A4-1 BUILDING SECTION
Scale: 1/2" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA · GROVER W. SMITH, JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

BUILDING SECTION

MODIFIED DATE:

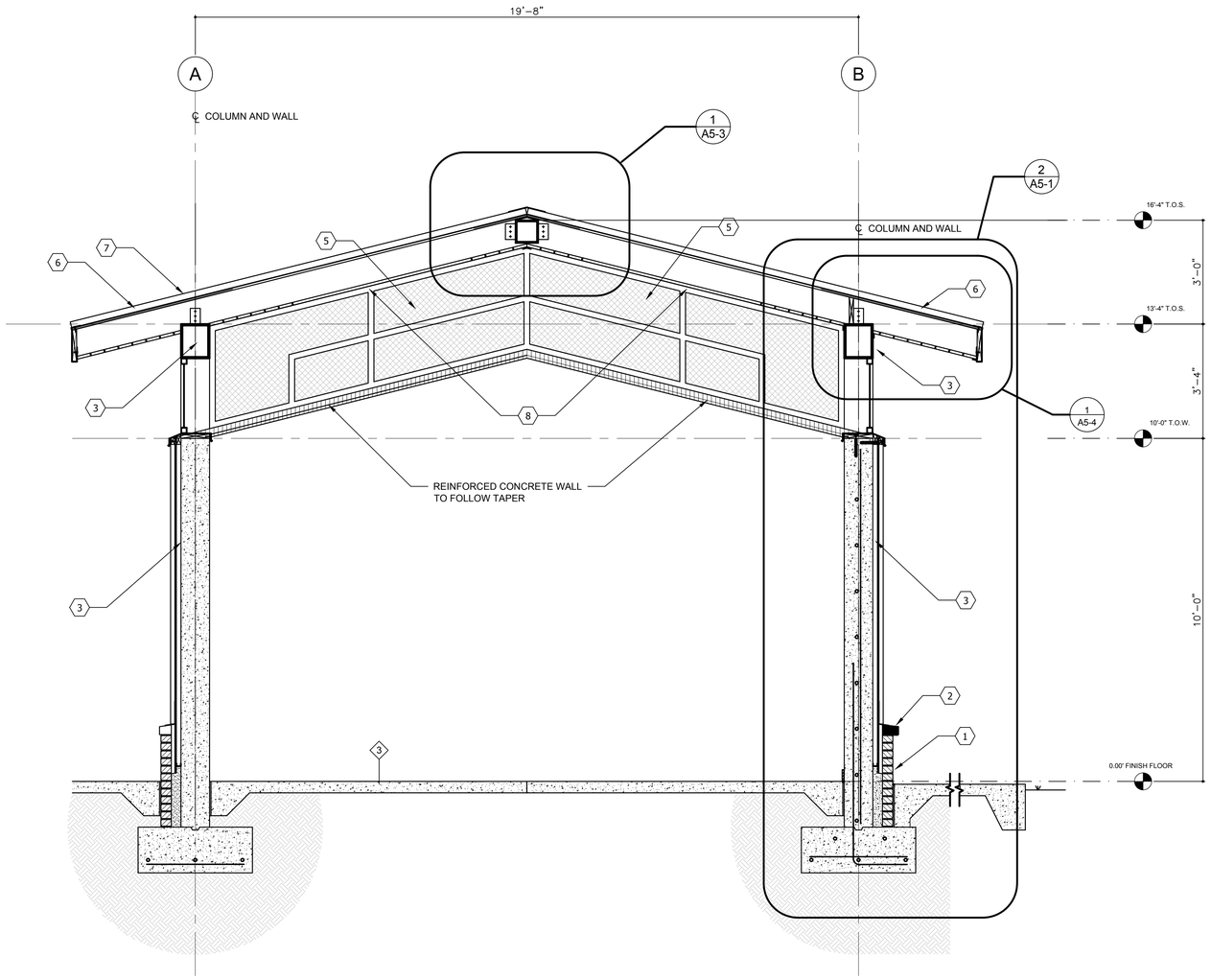
ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A4-1

KEYNOTES

1. BRICK VENEER (TO MATCH EXISTING PAVILION)
2. CAST STONE (TO MATCH EXISTING PAVILION)
3. TUBE STEEL - PAINTED
4. 22 GAUGE CORRUGATED METAL SIDING
5. CUSTOM METAL FRAME AND METAL MESH (SEE DETAIL 3/A5-5)
6. P.T. WOOD FASCIA WRAPPED IN 0.62" ALUMINUM
7. METAL ROOF TO MATCH EXISTING PAVILION
8. 1X6 TONGUE & GROOVE DECK BOARDS STAINED ON 2X10'2 @ 16" O.C.



1 A4-2 BUILDING SECTION
Scale: 1/2" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH JR.
7575
REGISTERED LANDSCAPE ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

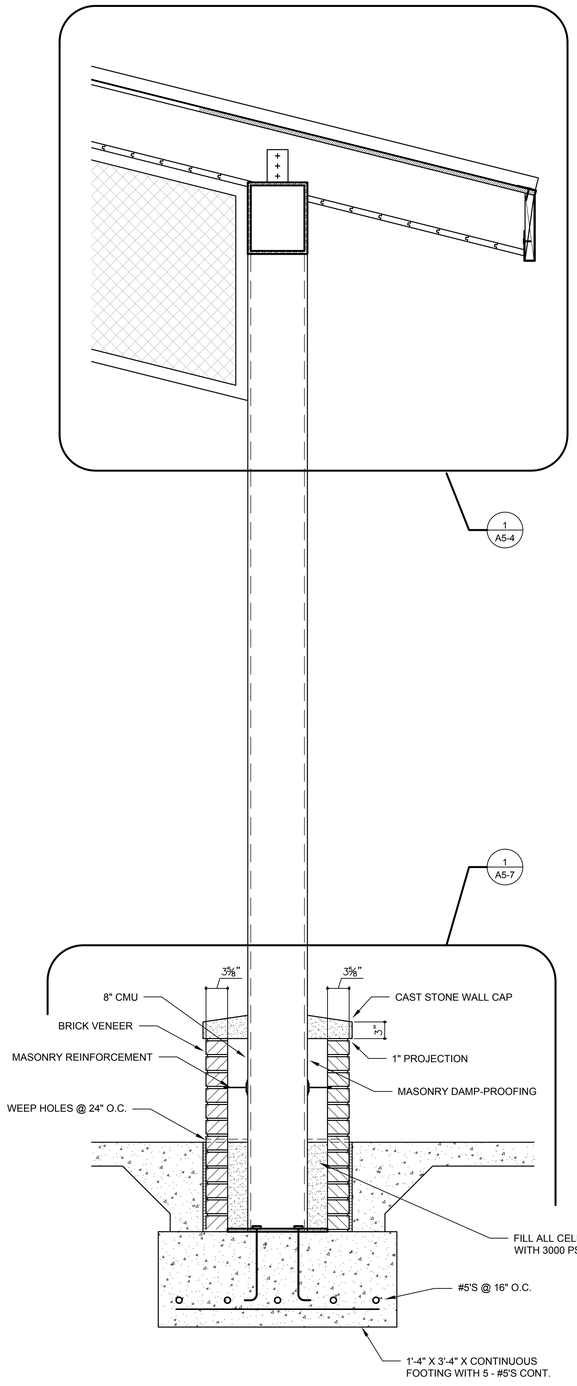
BUILDING SECTION

MODIFIED DATE:

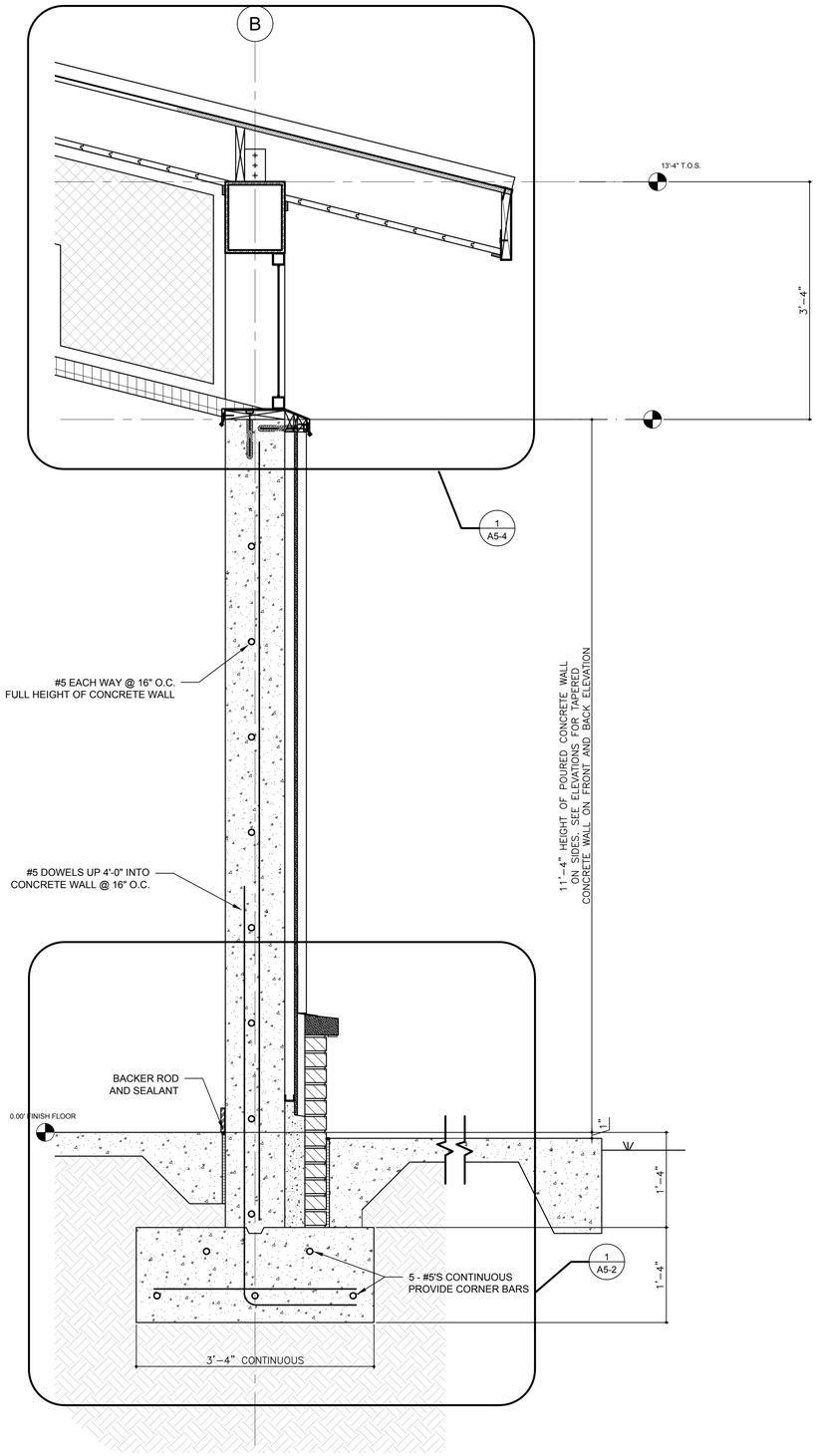
ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A4-2



1 A5-1 WALL SECTION
Scale: 1" = 1'-0"



2 A5-1 WALL SECTION
Scale: 1" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH JR.
7575
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REVISIONS

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PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

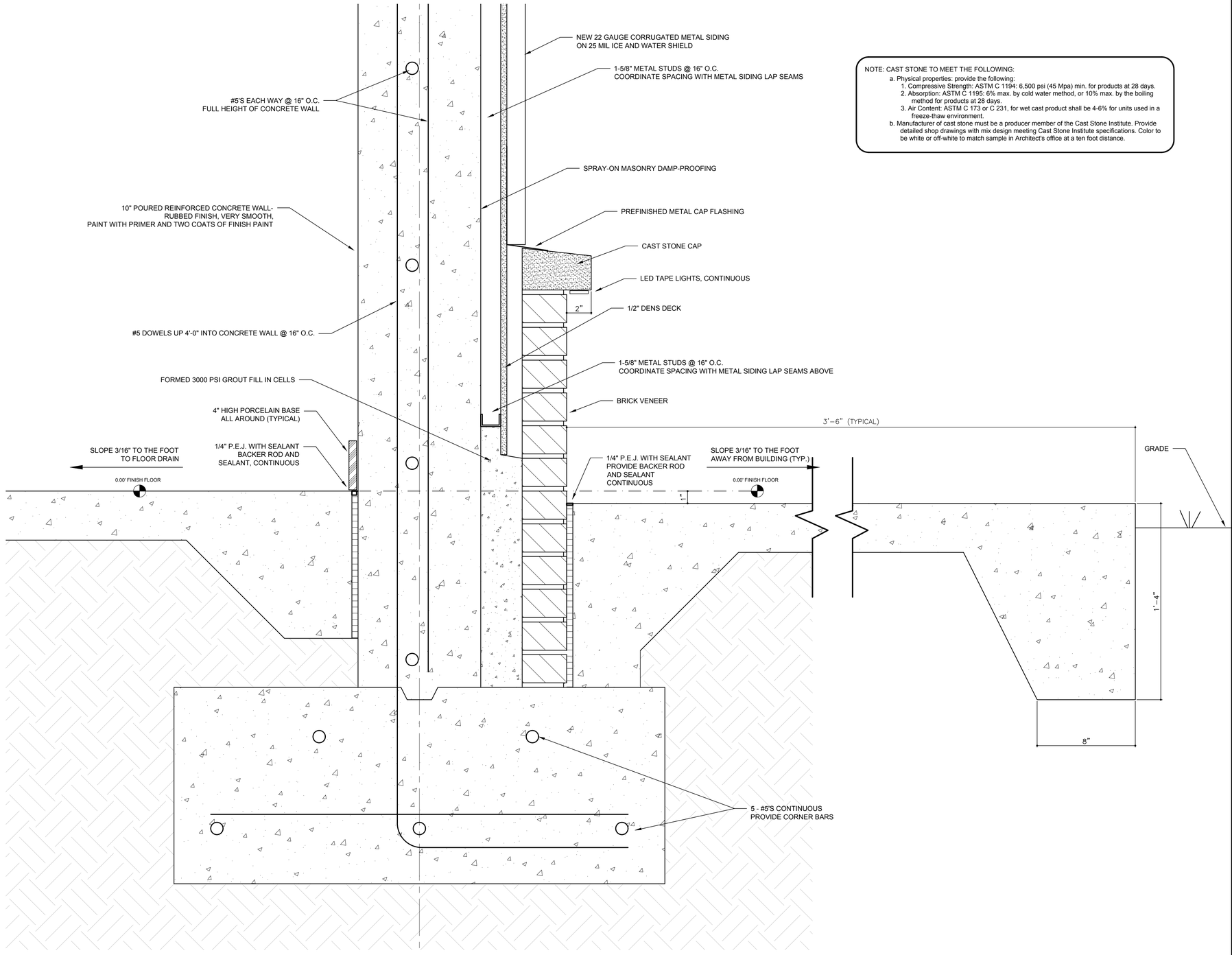
WALL SECTION

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A5-1



1 A5-2 SECTION DETAIL

Scale: 3" = 1'-0"

NOTE: CAST STONE TO MEET THE FOLLOWING:

a. Physical properties: provide the following:
   1. Compressive Strength: ASTM C 1194: 6,500 psi (45 Mpa) min. for products at 28 days.
   2. Absorption: ASTM C 1195: 6% max. by cold water method, or 10% max. by the boiling method for products at 28 days.
   3. Air Content: ASTM C 173 or C 231, for wet cast product shall be 4-6% for units used in a freeze-thaw environment.
b. Manufacturer of cast stone must be a producer member of the Cast Stone Institute. Provide detailed shop drawings with mix design meeting Cast Stone Institute specifications. Color to be white or off-white to match sample in Architect's office at a ten foot distance.

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STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED LANDSCAPE ARCHITECT

SIGNATURE REQUIRED

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206 WEST HARALSON STREET
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REVISIONS

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PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

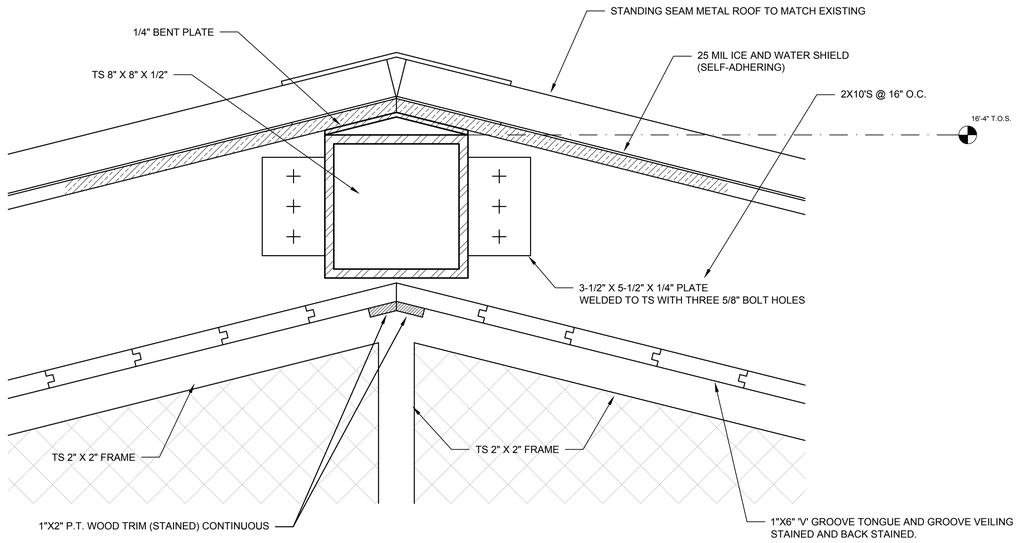
SECTION DETAIL

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A5-2



1 / A5-3 SECTION DETAIL

Scale: 3" = 1'-0"

ARCHITECT'S STAMP

STATE OF GEORGIA
GROVER W. SMITH, JR.
7575
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REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

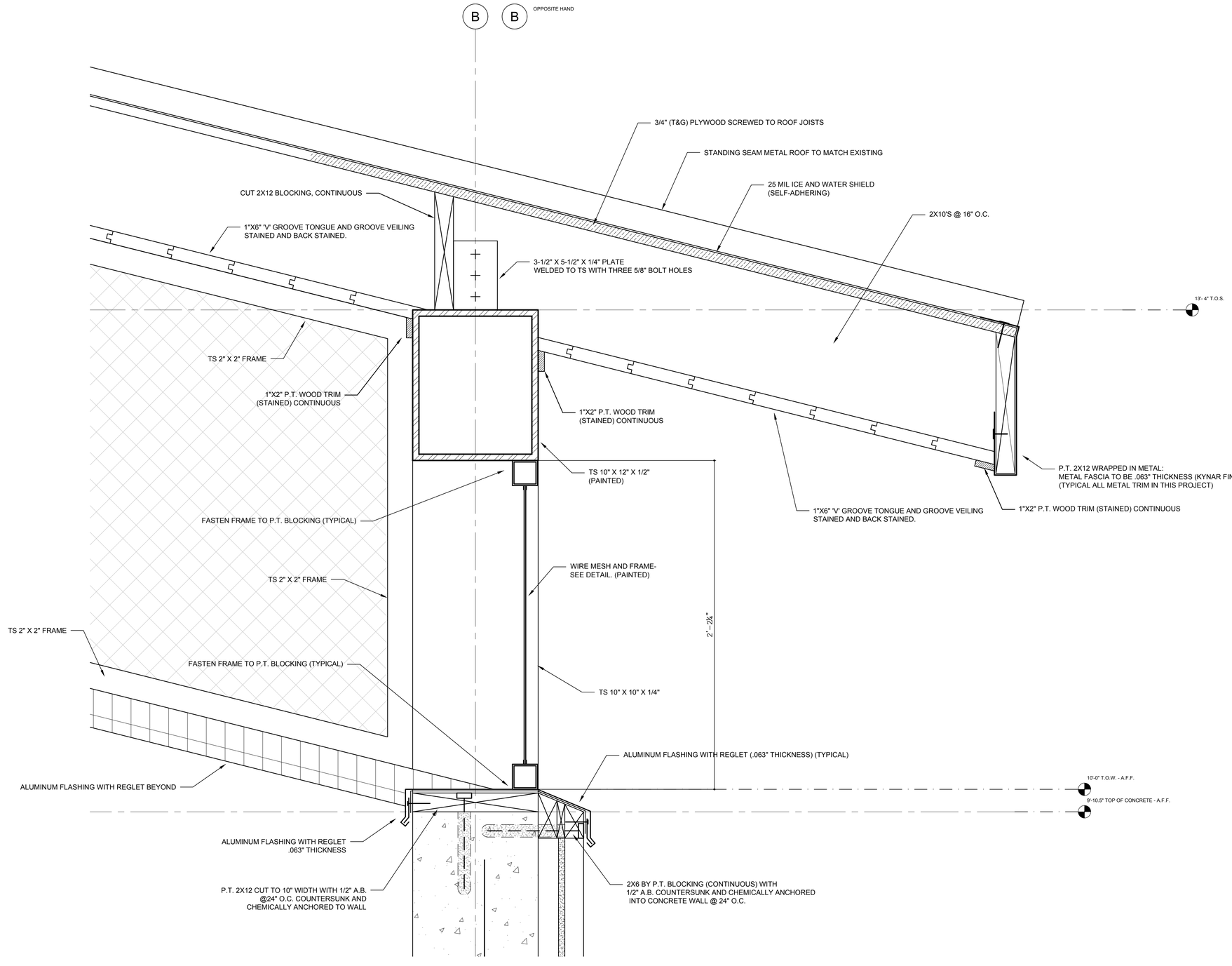
SECTION DETAIL

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A5-3



1 / A5-4 SECTION DETAIL

Scale: 3" = 1'-0"

ARCHITECT'S STAMP

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REVISIONS

⚠	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

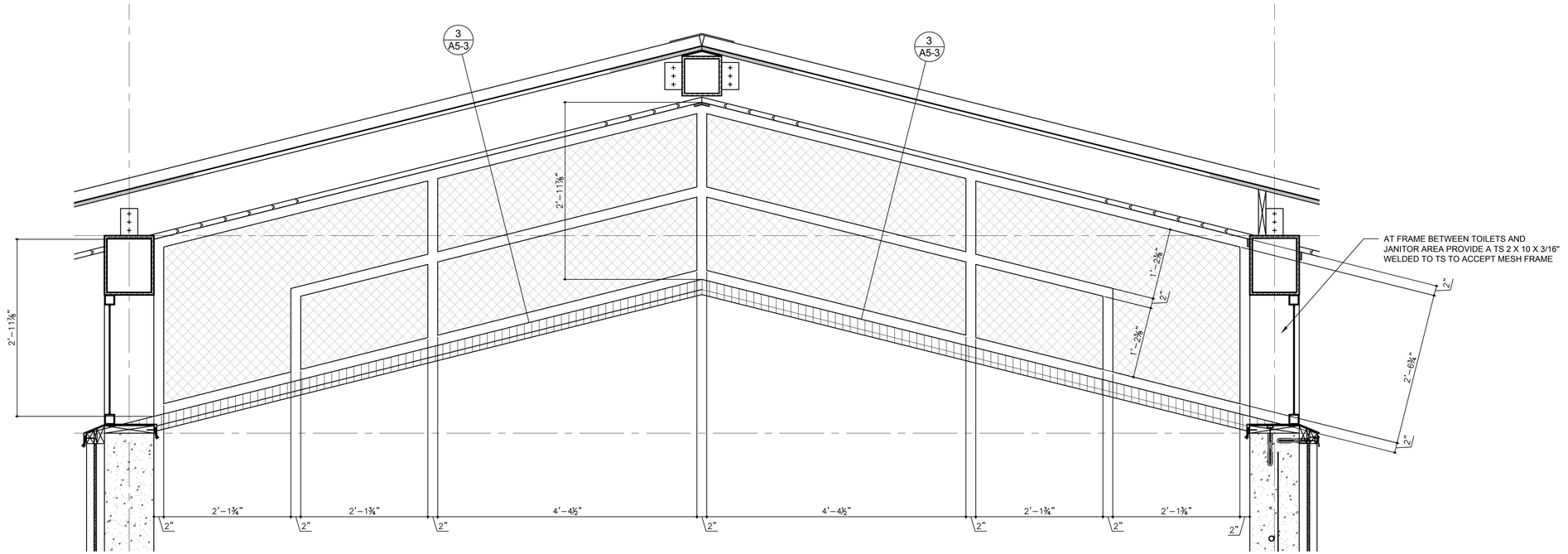
SECTION DETAIL

MODIFIED DATE:

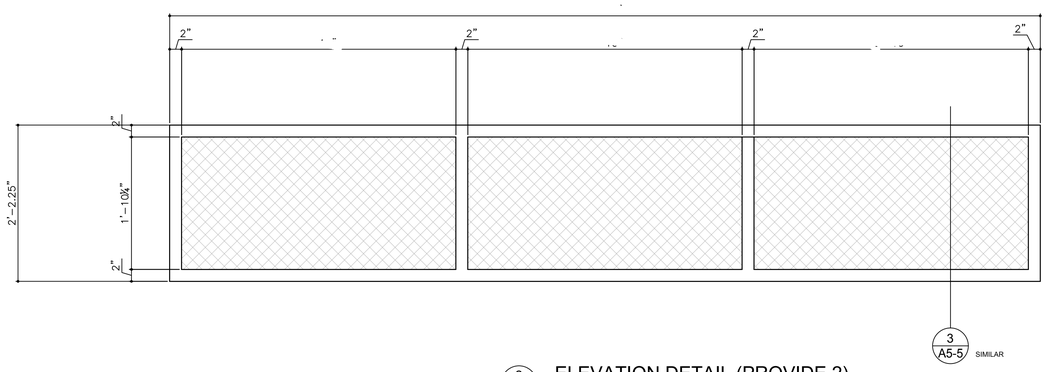
ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

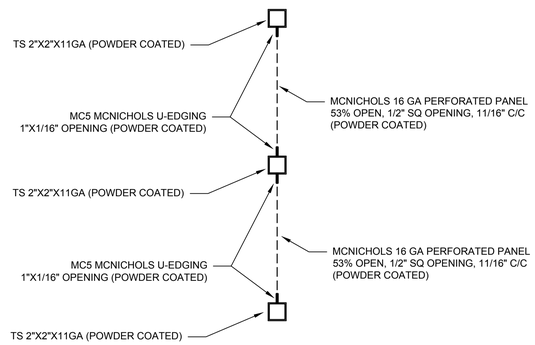
SHEET:
A5-4



1 A5-5 ELEVATION DETAIL (PROVIDE 3)
Scale: 1" = 1'-0"



2 A5-5 ELEVATION DETAIL (PROVIDE 2)
Scale: 1" = 1'-0"



3 A5-5 MESH DETAIL
Scale: 1-1/2" = 1'-0"

G.C. TO SUBMIT DETAILED SHOP DRAWINGS
OF MESH FRAMES TO ARCHITECT PRIOR TO FABRICATION.

ARCHITECT'S STAMP
STATE OF GEORGIA
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7575
REGISTERED LANDSCAPE ARCHITECT
SIGNATURE REQUIRED

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REVISIONS

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PROJECT:
TOILET FACILITIES
SOUTHBEND PARK
PIERCE STREET
LAGRANGE, GEORGIA

TITLE:
ELEVATION DETAIL

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
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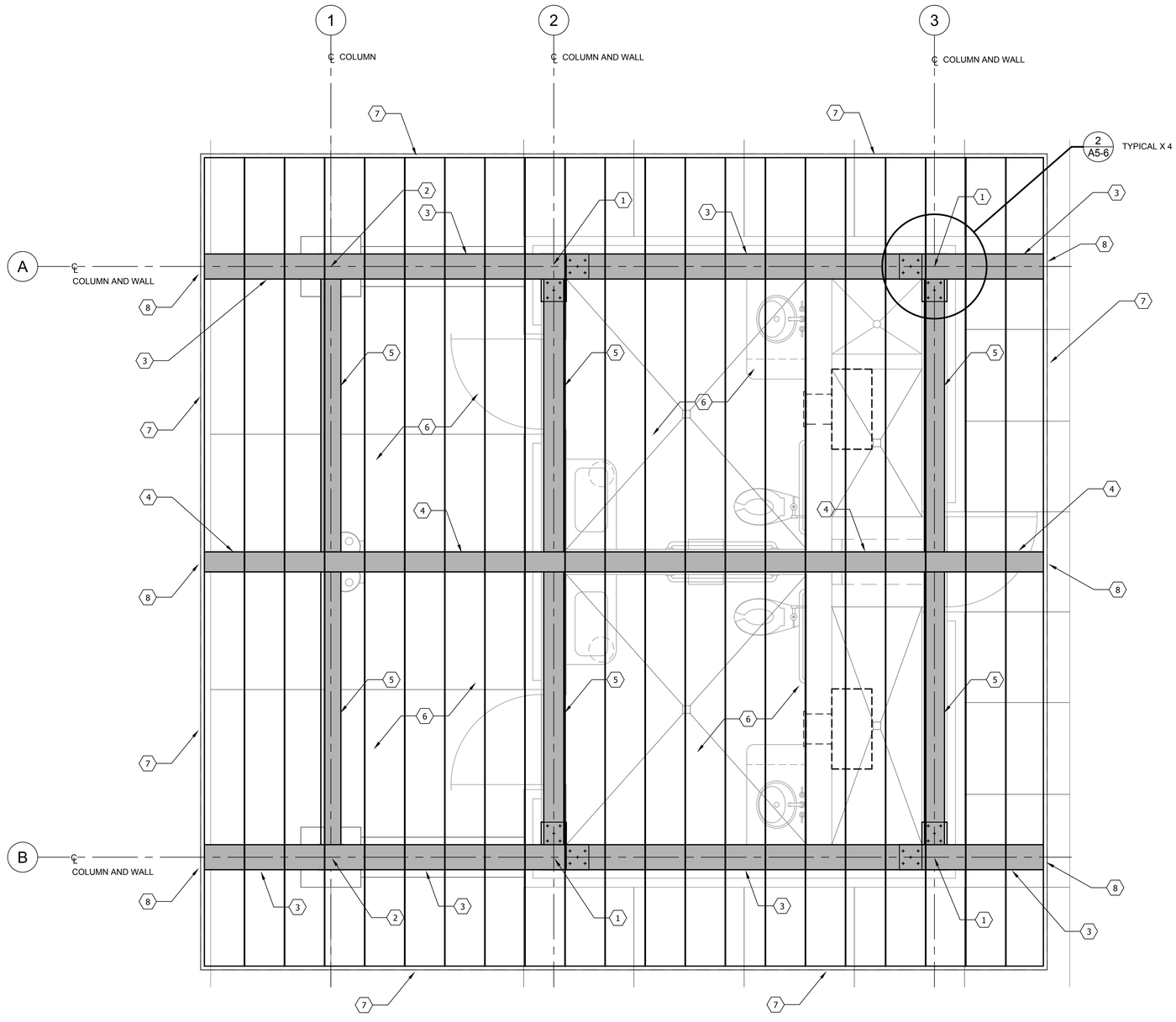
JOB NO:
1922

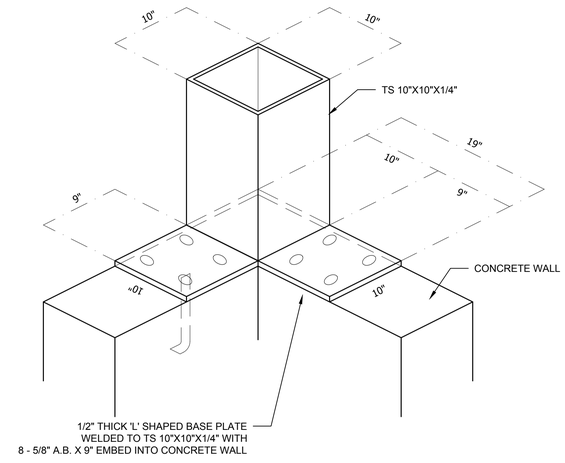
SHEET:
A5-5



1 A5-6 ROOF FRAMING PLAN
Scale: 1/2" = 1'-0"

KEYNOTES

1. 10" X 10" X 1/4" TS COLUMN ANCHORED TO TOP OF 10" POURED CONCRETE WALL
2. 10" X 10" X 1/4" TS COLUMN ON 3/4" X 16" X 16" BASE PLATE ON 3'-6" X 3'-6" X 1'-4" FOOTING WITH 6 - #5'S EACH WAY BOTTOM
3. TS 10" X 12" X 1/2"
4. TS 8" X 8" X 1/4" AT RIDGE
5. TS 8" X 8" X 1/4" ON SLOPE
6. 2X10'S @ 16" O.C.
7. 2X10 AT PERIMETER
8. PROVIDE 1/4" THICK CLOSURE PLATE AT EACH END OF THE T.S. BEAM



2 A5-6 COLUMN ON TOP OF CONCRETE WALL
Scale: NOT TO SCALE

ARCHITECT'S STAMP
STATE OF GEORGIA
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7575
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REVISIONS

⚠	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

ROOF FRAMING PLAN

MODIFIED DATE:

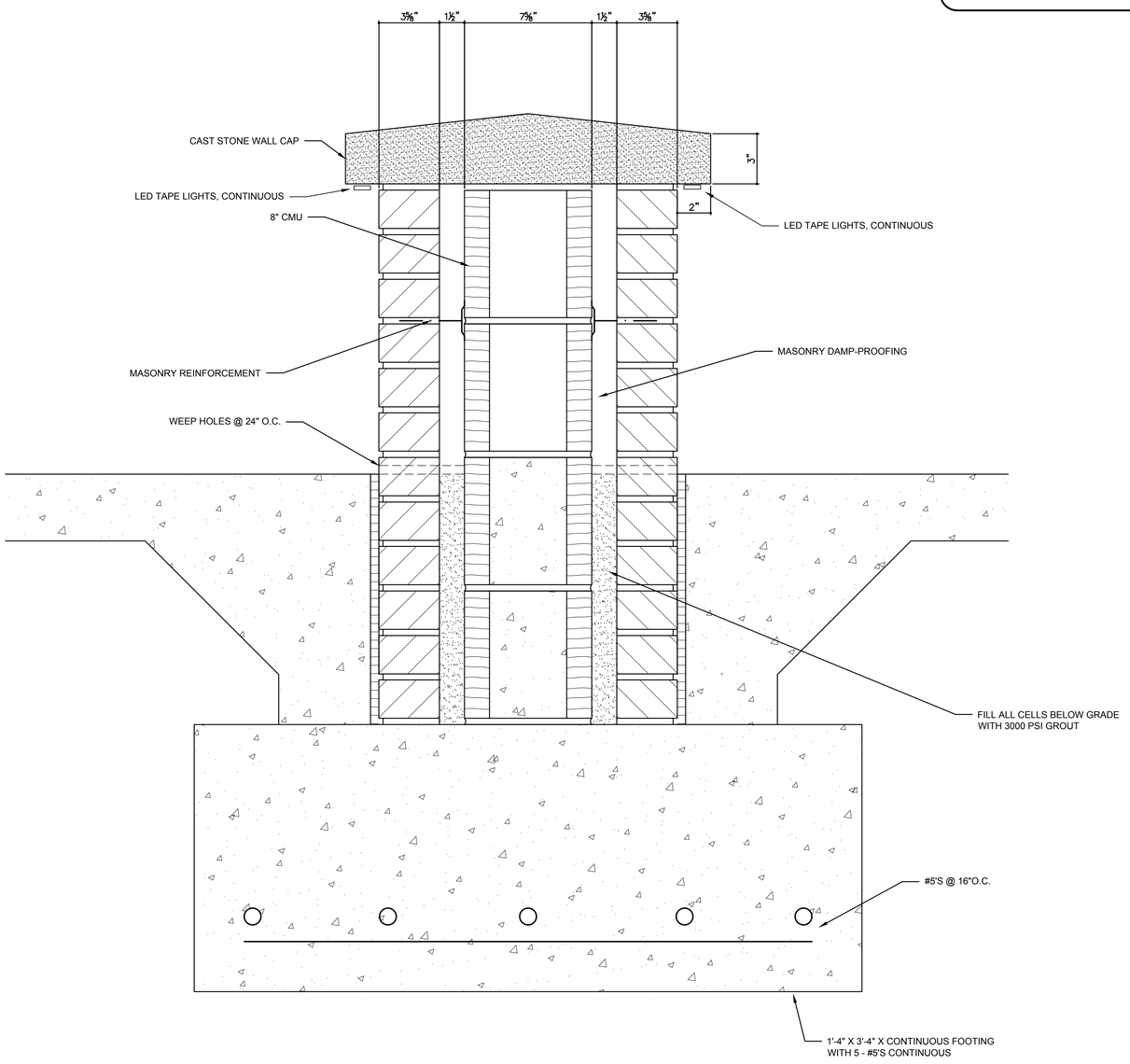
ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A5-6

NOTE: CAST STONE TO MEET THE FOLLOWING:

a. Physical properties: provide the following:
   1. Compressive Strength: ASTM C 1194: 6,500 psi (45 Mpa) min. for products at 28 days.
   2. Absorption: ASTM C 1195: 6% max. by cold water method, or 10% max. by the boiling method for products at 28 days.
   3. Air Content: ASTM C 173 or C 231, for wet cast product shall be 4-6% for units used in a freeze-thaw environment.
b. Manufacturer of cast stone must be a producer member of the Cast Stone Institute. Provide detailed shop drawings with mix design meeting Cast Stone Institute specifications. Color to be white or off-white to match sample in Architect's office at a ten foot distance.



1 / A5-7 BRICK BENCH DETAIL

Scale: 3" = 1'-0"

ARCHITECT'S STAMP

STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.

206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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www.SDGarch.net

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

CHEEK WALL DETAIL

MODIFIED DATE:

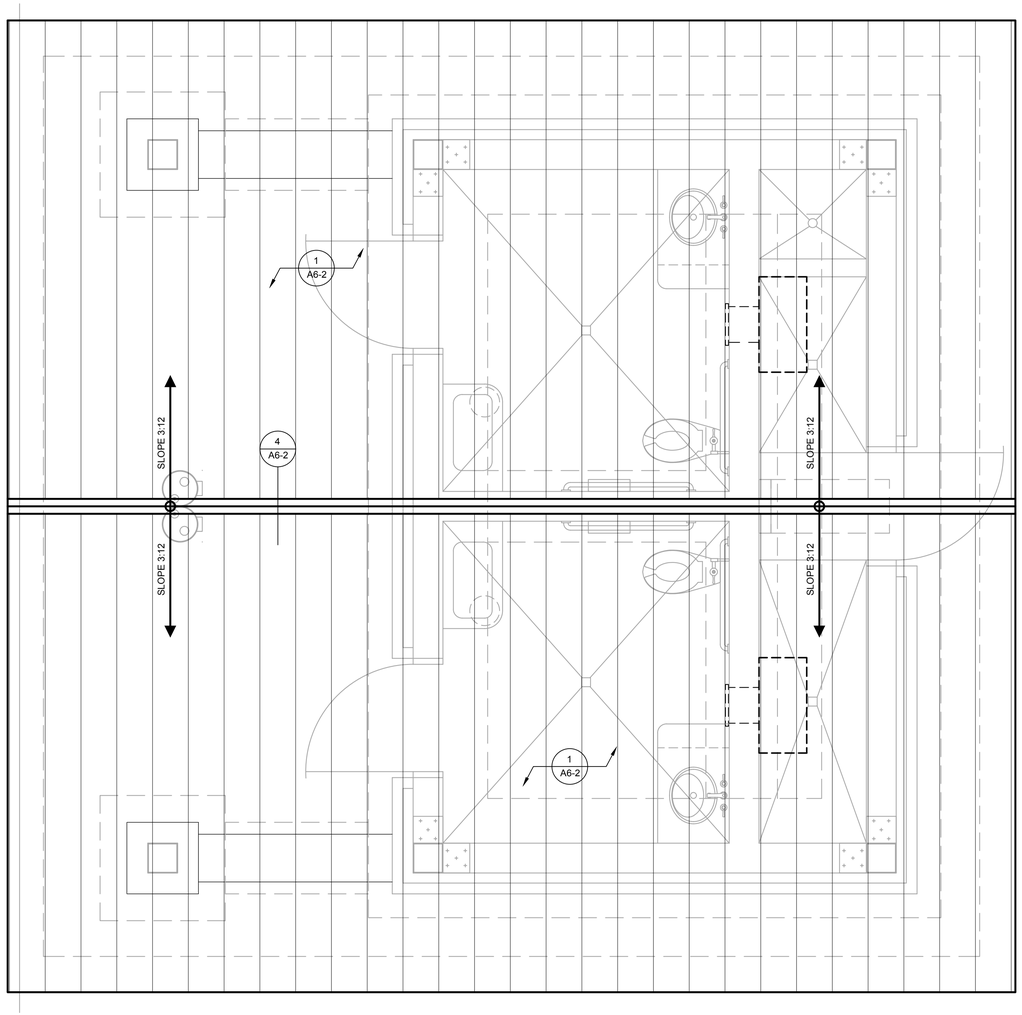
ISSUED DATE:

FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A5-7

NOTE:
SUBMIT DETAILED ROOF FLASHING AND EAVE FLASHING DETAILS TO ARCHITECT FOR APPROVAL.



1 A6-1 ROOF PLAN
Scale: 1/2" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH, JR.
7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

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206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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LEGEND

- EXHAUST FAN
- INDICATES DIRECTION OF ROOF SLOPE
- FLUE THRU ROOF
- VTR — VENT THRU ROOF
- DOWNSPOUT AT GUTTER

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

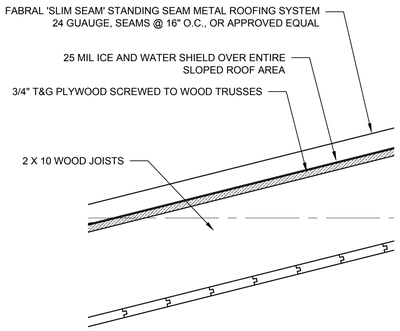
ROOF PLAN

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

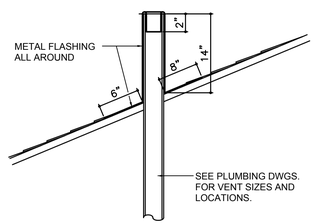
JOB NO:
1922

SHEET:
A6-1



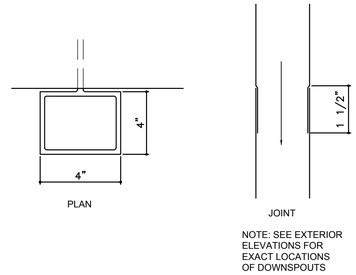
1 A6-2 **SLOPED METAL ROOF**

NOT TO SCALE



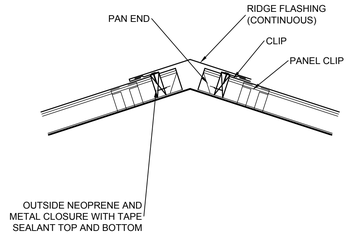
2 A6-2 **VENT THRU ROOF**

NOT TO SCALE



3 A6-2 **DOWNSPOUT DETAIL**

SCALE: 3" = 1'-0"



4 A6-2 **HIP & RIDGE DETAIL**

NOT TO SCALE

DESCRIPTION OF WORK - SLOPED METAL ROOF AREA

1. APPLY A LAYER OF MIRSDRI HT 300, ICE AND WATER SHIELD MEMBRANE OVER THE ENTIRE ROOF DECK AREA.

2. NEXT INSTALL FABRLA "SLIM SEAM" STANDING SEAM METAL ROOFING SYSTEM IN ACCORDANCE WITH FABRAL INSTALLATION SPECIFICATIONS. "SLIM SEAM" PANELS SHALL BE 24 GAUGE STEEL AND WILL HAVE A KYNAR 500 PAINT FINISH. SEAMS SHALL BE AT 16" O.C. OWNER TO SELECT COLOR FROM MANUFACTURER'S STANDARD COLOR CHART.

3. ALL TRIM AND METAL FLASHINGS SHALL BE FABRICATED FROM 24 GAUGE JYNAR FINISH STEEL AND SHALL BE INSTALLED IN ACCORDANCE WITH FABRAL INSTALLATION DETAILS FOR A WARRANTABLE ROOFING SYSTEM.

4. INSTALL NEW 8" OGEE STYLE GUTTER FORMED FROM 24 GAUGE PRE-FINISHED KYNAR METAL. INSTALL BRACKETS UNDER NEW GUTTER @ 3'-0" O.C. AND STRAPS INSIDE GUTTER @ 3'-0" O.C. INSTALL NEW DOWNSPOUTS AT LOCATIONS ON DRAWINGS.

5. NEW 24 GAUGE PRE-FINISHED METAL DOWNSPOUTS SHALL BE INSTALLED IN LOCATIONS SHOWN ON DRAWINGS.

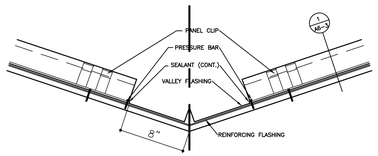
6. INSTALL NEW FLEXIBLE BOOT FLASHINGS AT PLUMBING VENT PIPE PENETRATIONS.

7. NEW 24 GAUGE PRE-FINISHED METAL ROOF JACKS AND CAPS WILL BE INSTALLED AT VENT PIPE PENETRATIONS. (COLOR TO MATCH ROOFING SYSTEM.)

8. ROOFING CONTRACTOR SHALL FURNISH OWNER WITH A TWO (2) YEAR WORKMANSHIP AND MATERIAL WARRANTY AND A TWENTY (20) YEAR PAINT FINISH WARRANTY FROM THE MANUFACTURER.

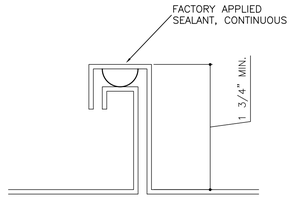
9. FURNISH OWNER WITH TWENTY (20) YEAR WATER TIGHTNESS WARRANTY FROM THE MANUFACTURER OF THE METAL ROOFING SYSTEM.

10. PROVIDE ENGINEERING CALCULATIONS FOR METAL ROOFING SYSTEM.



5 A6-2 **VALLEY DETAIL**

NOT TO SCALE



6 A6-2 **SECTION THRU LOC-SEAM**

NOT TO SCALE

ARCHITECT'S STAMP

STATE OF GEORGIA
GROVER W. SMITH JR.
7575
REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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REVISIONS

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PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

ROOF DETAILS

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
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1922

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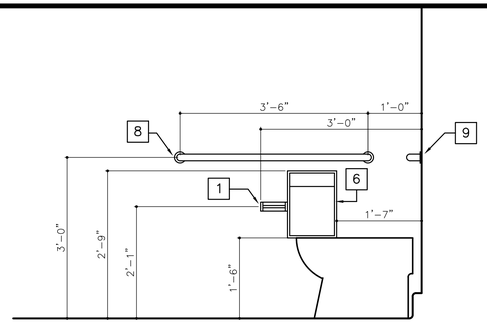
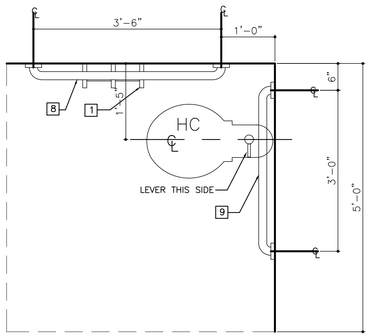
A6-2



SECTION (TYPICAL AT ALL NEW TOILET ROOMS)

1 / A7-1

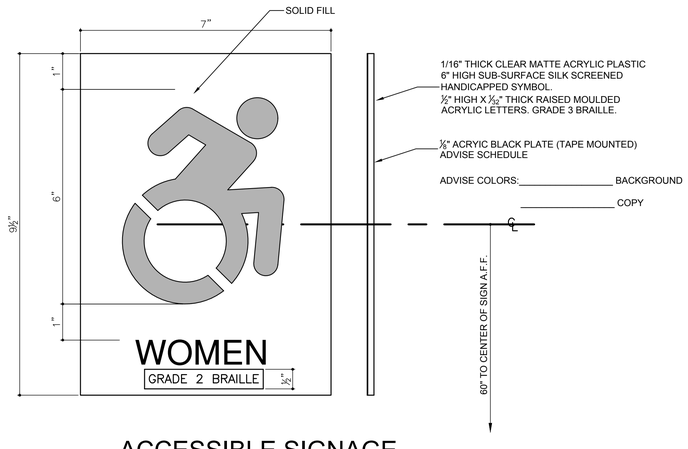
SCALE: 3/4" = 1'-0"



ACCESSIBLE TOILET PLAN

2 / A7-1

SCALE: 3/4" = 1'-0"

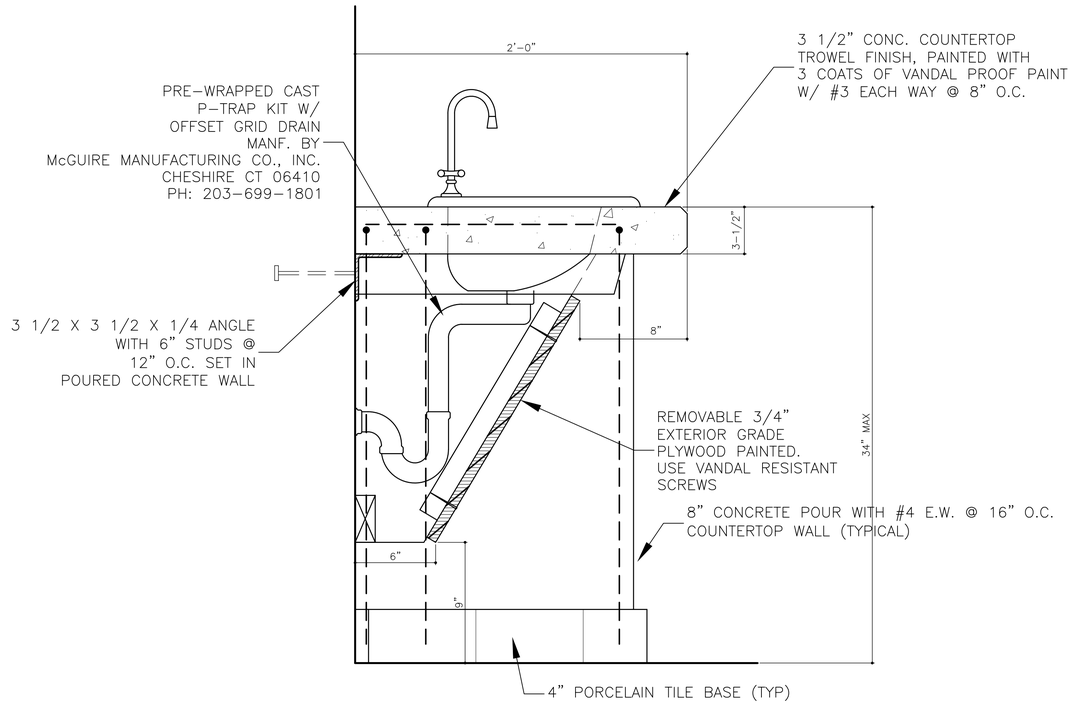


ACCESSIBLE SIGNAGE

3 / A7-1

SCALE: 6" = 1'-0"

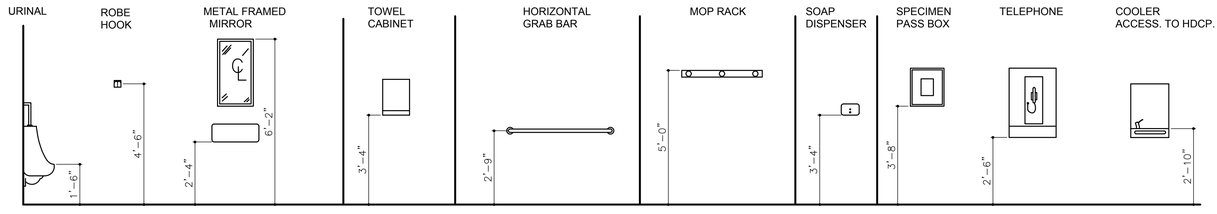
(PROVIDE ONE READING 'MEN, ONE READING 'WOMEN')
(SEE LARGE SCALE TOILET PLANS FOR LOCATIONS OF HC SIGNAGE)
NOTE: VERIFY EXACT READING WITH ARCHITECT:
"MEN, WOMEN, UNISEX", ETC.
LOCATE AT 60" A.F.F. TO CENTER OF SIGN ON THE PULL SIDE
OF ALL TOILET DOORS THAT ARE H.C. ACCESSIBLE



ACCESSIBLE BASIN GUARD DETAIL

4 / A7-1

SCALE: NOT TO SCALE



GENERAL MOUNTING HEIGHTS

5 / A7-1

SCALE: 3/8" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH JR.
7575
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TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
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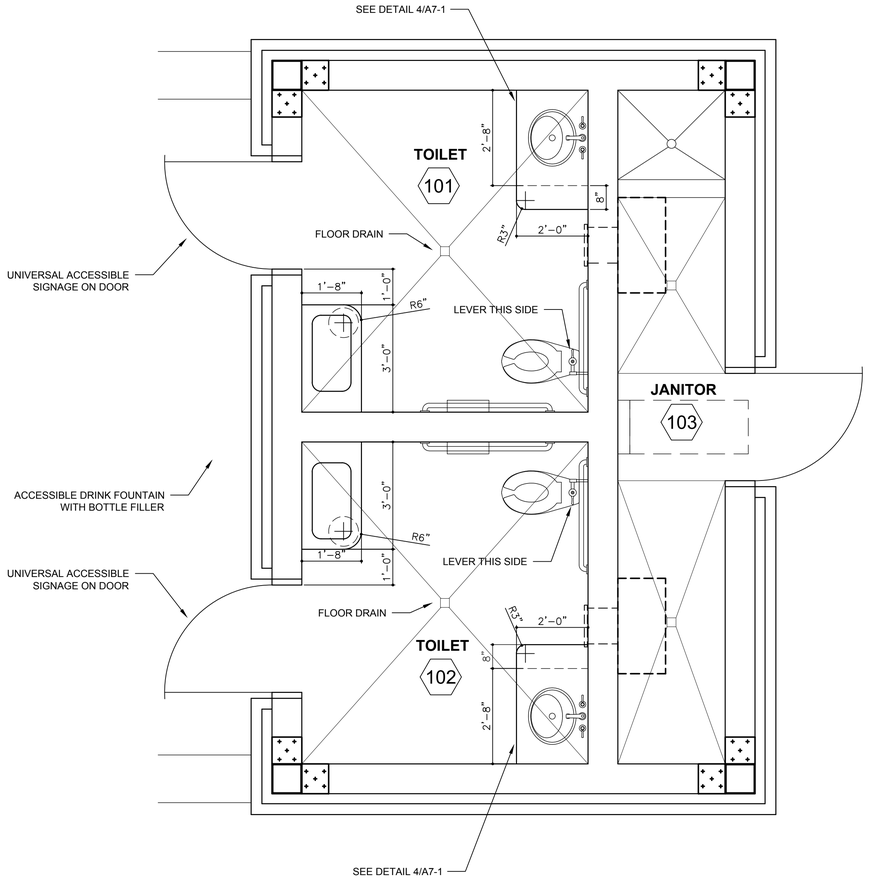
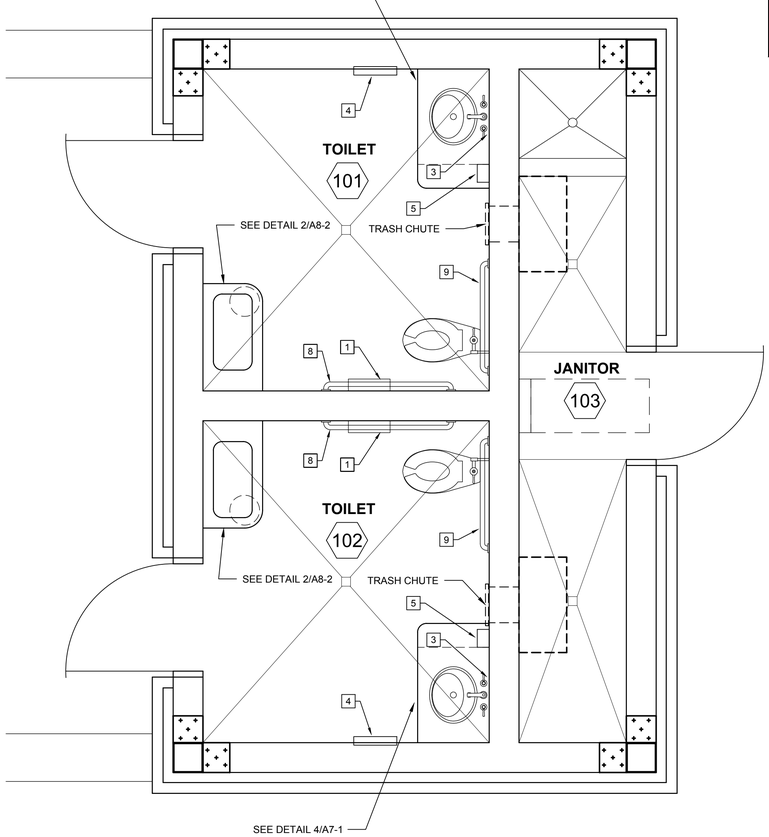




SCHEDULE OF TOILET ACCESSORIES

SPACE	QUANTITY																			REMARKS
ITEMS No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
DESCRIPTION	ROLL PAPER HOLDER(2 ROLL)	TOWEL DISPENSER WITH WASTE	MIRROR TYPE 1	MIRROR TYPE 2 (HANDICAP)	SOAP DISPENSER	NAPKIN DISPOSAL	TOWEL RACK TYPE 1	GRAB BAR TYPE 1 42"	GRAB BAR TYPE 2 36"	BABY CHANING STATION (REC.)	TOWEL DISPENSER	DIAPER CHANGER	UNDERSINK MIRROR - WALL	SHOWER GRAB BAR	TOWEL HOOK	FLIP DOWN SHOWER SEAT	ACCESSIBLE SIGNAGE - SEE 3/AX-3	SHOWER ROD AND CURTAIN		
SPACE 101 - UNISEX TOILET	1	1	1	1	1	1		1	1									1			
SPACE 102 - UNISEX TOILET	1	1	1	1	1	1		1	1									1			
SPACE 103 - JANITOR																					

NOTE: VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT EARLY IN CONSTRUCTION SO THAT PROPER BLOCKING AND CUT-OUTS MAY BE PROVIDED.

GENERAL NOTES - CABINET CONSTRUCTION

1. ALL CABINETS TO HAVE PLASTIC LAMINATE EXTERIORS WITH MELAMINE INTERIORS.
2. ALL CABINETS TO BE CONSTRUCTED FOLLOWING AWI QUALITY STANDARDS.
3. ALL TOE BOARDS TO BE PRESSURE TREATED.
4. ALL CABINET BODY MEMBERS TO BE 3/4" MELAMINE, BACKS TO BE 1/4" MELAMINE.
5. ALL ADJUSTABLE SHELVES TO BE 3/4" MELAMINE WITH MATCHING PVC EDGE BANDING ON 5 MM SHELF PINS @ 32MM O.C.
6. CABINET HARDWARE:
   A: DOOR AND DRAWER PULLS.
   WIRE PULLS NO. 4484, STANLEY HARDWARE
   B: HINGES 2 PER LEAF
   NO. 3703VS8, SELF CLOSING, DOWELED HINGE CUP, BY G*GRASS
   C: DRAWER GUIDES
   NO. 6600, G*GRASS
   D: SHELF PINS
   5 MM DIA., 24 MM LONG, NICKEL PLATED, SPACED @ 32 MM O.C.
7. ALL RETRACTABLE KEYBOARDS TO BE BASED ON KNAPE AND VOGT, PHONE (800) 253-1561, KEYNETIX FULLY ADJUSTABLE KEYBOARD SYSTEM WITH AMBIDEXTROUS UNDER SWIVEL MOUSE TRAY.

ARCHITECT'S STAMP
STATE OF GEORGIA
GORDON M. SMITH, JR.
7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

REVISIONS

1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

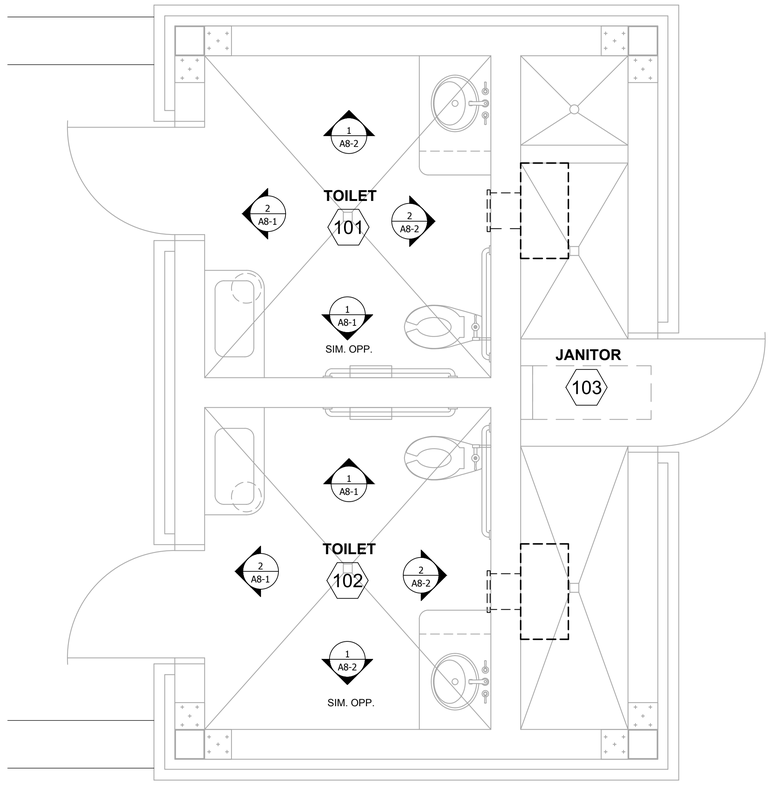
TOILET DETAILS

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
A7-2



1 A8-0 INDEX TO TOILET ELEVATIONS
Scale: 1/2" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA
GORDON M. SMITH, JR.
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TOILET FACILITIES
SOUTHBEND PARK

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INDEX TO
TOILET ELEVATIONS

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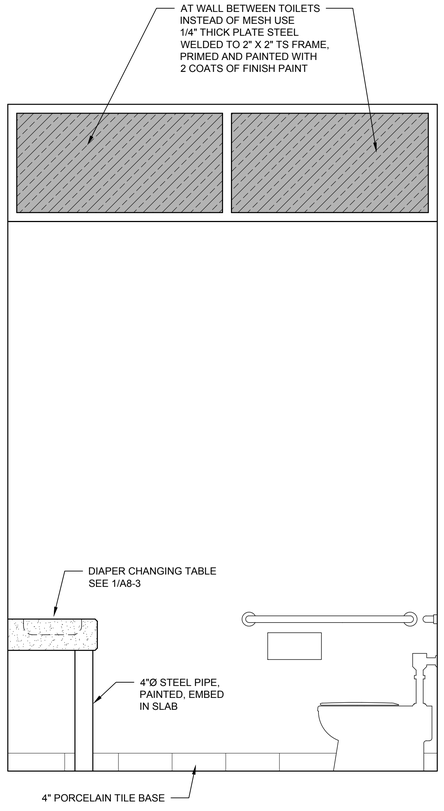
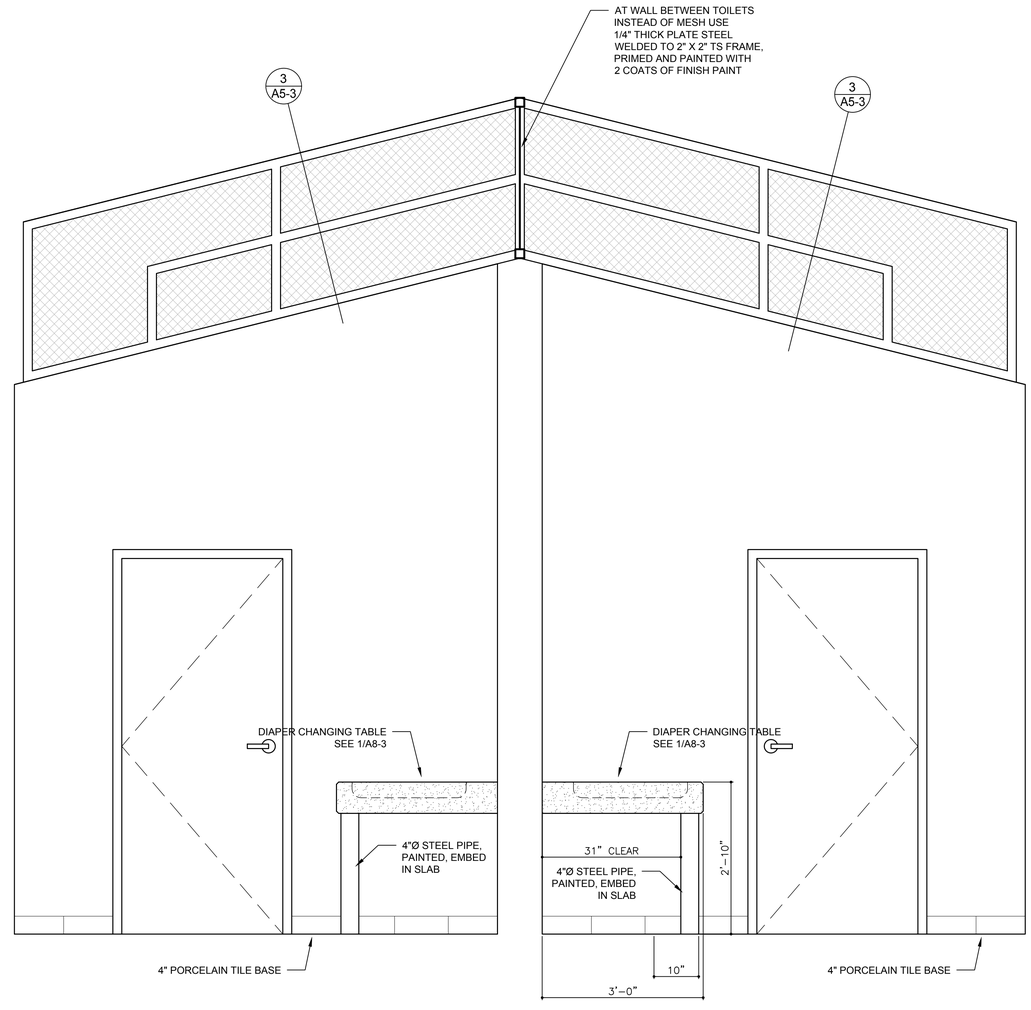
A8-0



1 A8-1 TOILET ELEVATION
Scale: 3/4" = 1'-0"



2 A8-1 TOILET ELEVATION
Scale: 3/4" = 1'-0"

ARCHITECT'S STAMP

STATE OF GEORGIA
GORDON M. SMITH, JR.
7575
REGISTERED ARCHITECT

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LAGRANGE, GEORGIA 30240

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REVISIONS

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1		

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

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TOILET ELEVATIONS

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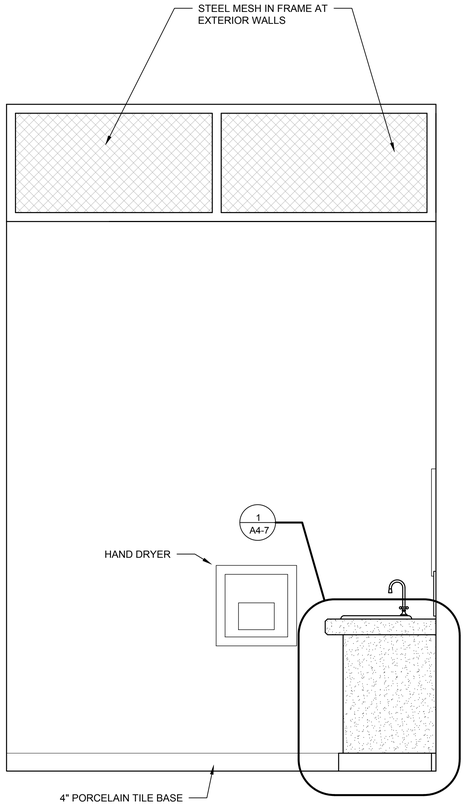
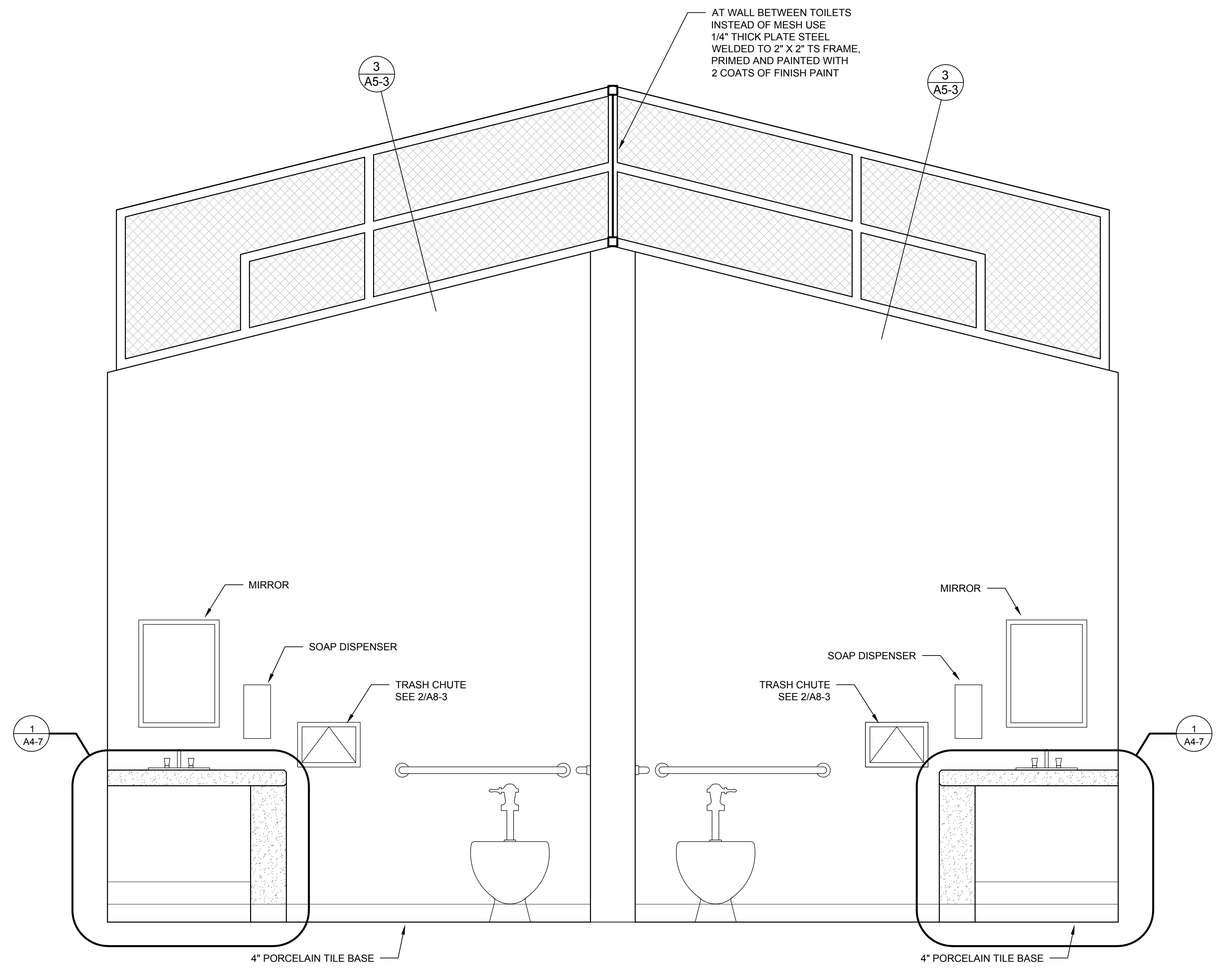
A8-1



1 A8-2 TOILET ELEVATION
Scale: 3/4" = 1'-0"



2 A8-2 TOILET ELEVATION
Scale: 3/4" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA
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REVISIONS

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PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

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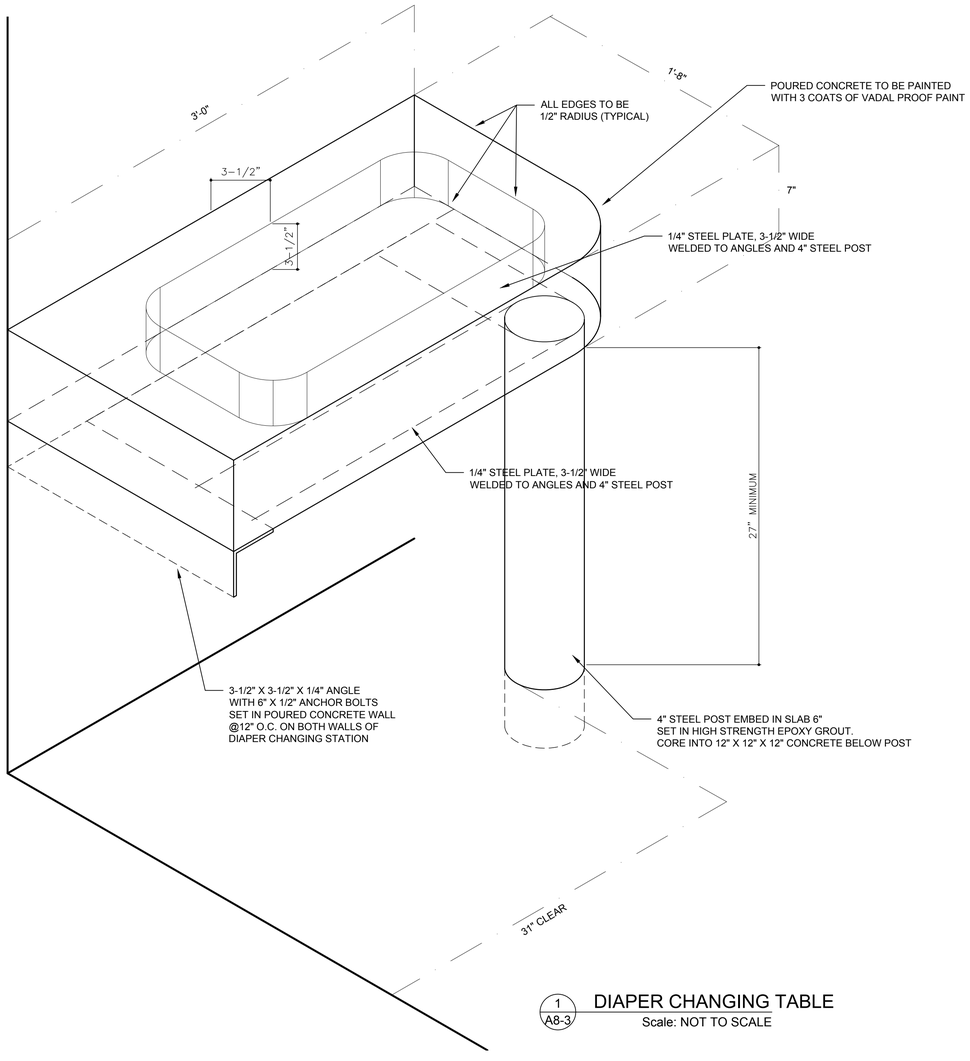
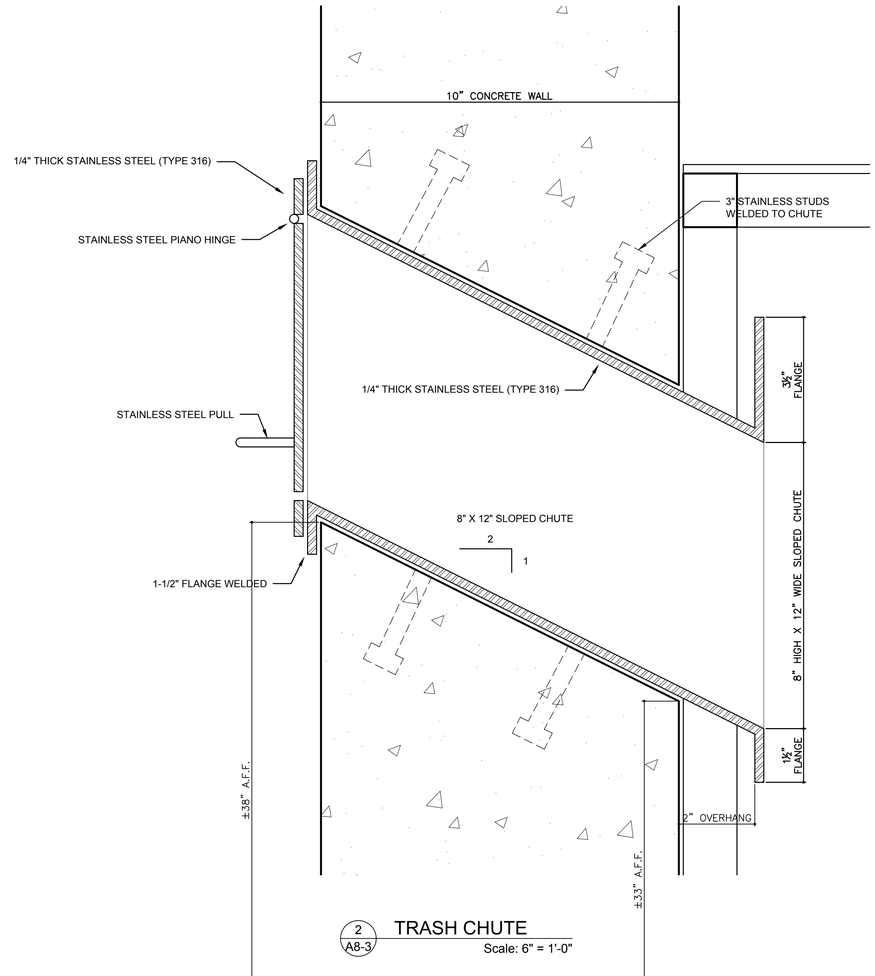


1 A8-3 DIAPER CHANGING TABLE
Scale: NOT TO SCALE



2 A8-3 TRASH CHUTE
Scale: 6" = 1'-0"

SUBMIT DETAILED SHOP DRAWINGS
FOR APPROVAL

ARCHITECT'S STAMP
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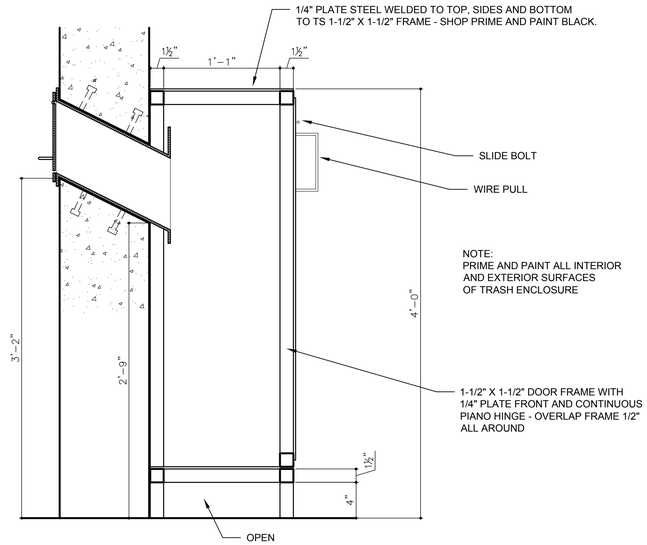
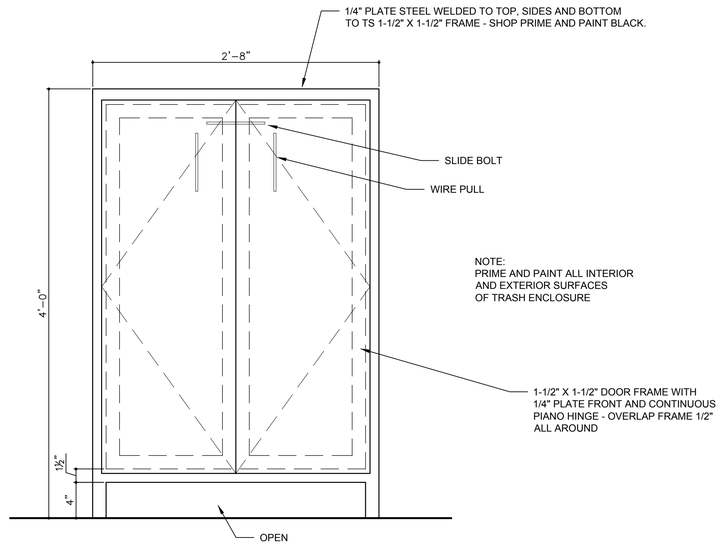
A8-3



1 A8-4 TRASH ENCLOSURE (PROVIDE 2)
Scale: 1-1/2" = 1'-0"



1 A8-4 TRASH ENCLOSURE (PROVIDE 2)
Scale: 1-1/2" = 1'-0"

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706-882-5511
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REVISIONS

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SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

DETAILS

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ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

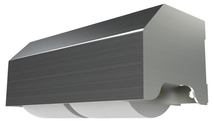
JOB NO:
1922

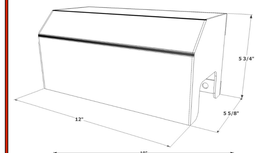
SHEET:
A8-4

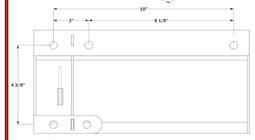
VANDAL STOP PRODUCTS by ATLAS AMERICAN

American Made
Veteran Owned
(530)-894-7867
sales@vandalstop.com

AA-HRTDx2E: Technical Data Sheet







Features:
- Vandal Resistant
- Made in USA
- Drip Deflective
- Shroud Protected Padlock
- Surface Mounted
- Accommodates Multiple Paper Styles
- Corrosion Resistant
- Lifetime Functional Limited Warranty (12-gauge)

Specifications:
- Width: 12”
- Height: 5-3/4”
- Depth: 5-5/8”

Material Options:
- 12-gauge 304L Stainless Steel
- 12-gauge 316L Stainless Steel

Finish:
- Stainless Steel Satin # 4 Finish

Mounting:
- (3/8”) Mounting Hole Placements

Capacity:
- 2 Standard Core 5-1/4"
- 2 High Density 5" Coreless

Installation: Secure fixture to wall with appropriate 3/8” Stainless Steel anchoring hardware for optimal installation strength (not provided). Recommend 3/4” or greater back bracing for walls. Partitions may require T-nuts or other suitable anchoring devices. When possible it is recommended that units be through bolted back-to-back providing optimal installation strength.

Guide Specification: Dispenser shall be constructed with American made, 12 gauge 304L or 12 gauge 316L Stainless Steel joined /w TIG welds and edges de-burred. Dispenser shall not be cross-metal contaminated during manufacturing construction. Dispenser housing shall provide protective cover for tissue paper against drip and spray. Protective shroud adds security for padlock. Dispenser shall have 3/8” mounting holes. Dispenser shall accept multiple paper styles. 12 Gauge models shall include a lifetime functional limited warranty. See website for warranty details.

Surface Mount Dispenser Shall Be:
- Model # AA-HRTDx2E

MADE IN U.S.A. PRODUCT

www.vandalstop.com

Phone (530)-894-7867

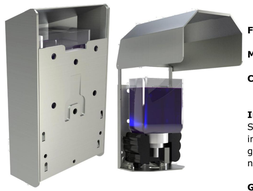
Atlas American LLC
1700 Bidwell Avenue
Chico, CA 95926

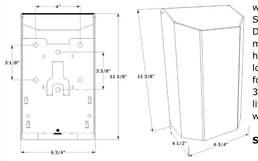
E-Mail sales@atlasamerican.com

VANDAL STOP PRODUCTS by ATLAS AMERICAN

American Made
Veteran Owned
(530)-894-7867
sales@vandalstop.com

AA-SDS-AF: Technical Data Sheet





Features:
- Automatic Foaming Soap Dispenser Protective Case
- Sloped Lid Style Prevents use as a Shelf
- Vandal Resistant
- Made in USA
- Hidden Secure Cylinder Lock
- Protects Expensive Soap Supplies from Theft
- Surface Mounted
- Corrosion Resistant
- Lifetime Functional Limited Warranty on Dispenser Protective Housing (12-gauge)

Specifications:
- Width: 6-3/4”
- Height: 11 3/8”
- Depth: 4-1/2”

Material Options:
- 12-gauge 304L Stainless Steel
- 12-gauge 316L Stainless Steel

Finish:
- Stainless Steel Satin # 4 Finish

Mounting:
- 6 (3/8") Mounting Hole Placements

Capacity:
- Pre-packaged 1200ml Foaming Soap

Installation: Secure fixture to wall with appropriate 3/8” Stainless Steel anchoring hardware for optimal installation strength (not provided). Recommend 3/4” or greater back bracing for walls. Partitions may require T-nuts or other suitable anchoring devices.

Guide Specification: Dispenser shall be constructed with American made, 12 gauge 304L or 12 gauge 316L Stainless Steel joined /w TIG welds and edges de-burred. Dispenser shall not be cross-metal contaminated during manufacturing construction. Dispenser shall have housing covering soap supplies and keying for cylinder lock shall be concealed away from ordinary line-of-sight for additional protective service. Dispenser shall have 3/8” mounting holes. 12 Gauge models shall include a lifetime functional limited warranty. See website for warranty details.

Surface Mount Dispenser Shall Be:
- Model # AA-SDS-AF

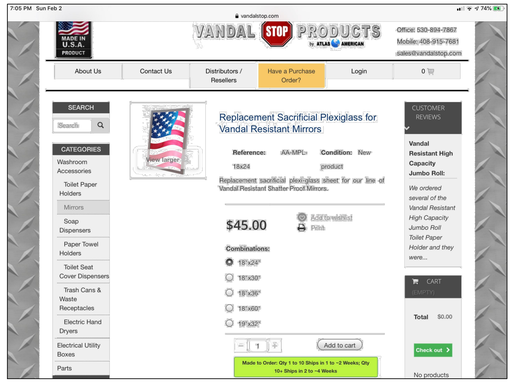
MADE IN U.S.A. PRODUCT

www.atlasamerican.com

Phone (530)-894-7867

Atlas American LLC
1700 Bidwell Avenue
Chico, CA 95926

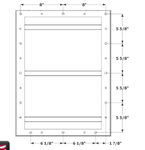
E-Mail sales@atlasamerican.com



VANDAL STOP PRODUCTS by ATLAS AMERICAN

American Made
Veteran Owned
(530)-894-7867
sales@vandalstop.com

AA-MTL: Technical Data Sheet



Features:
- Vandal Resistant
- Made in USA
- Concealed Torx Security Screw Lockable
- NO GLASS! Reflective Surface is Mirror Polished Stainless Steel
- Protective Sacrificial Plexiglass
- Surface Mounted
- Corrosion Resistant
- Lifetime Functional Limited Warranty on Frame (12 gauge)

Specifications:
- Width: 18”
- Height: 24”
- Depth: 1 1/8”
- Weight: 22-24 lbs

Material Options:
- 12-gauge 304L Stainless Steel
- 12-gauge 316L Stainless Steel
- 14-gauge 304L Stainless Steel

Finish:
- #4 Brushed Stain Finish

Mounting:
- Twelve 3/8” Surface Mounting Hole Placements

Size Options:
- Custom Sizes Available by Special Order

Installation:
Secure fixture to wall with appropriate 3/8” stainless steel anchoring hardware for optimal installation strength (not provided). Recommend 3/4” or greater back bracing for walls. Partitions may require T-nuts or other suitable anchoring devices.

Guide Specification:
Mirror shall be constructed with American made 12 or 14 gauge 304L, or 12 gauge 316L stainless steel with TIG welds, polished smooth and edges de-burred. Mirror shall not be cross-metal contaminated during manufacturing. Mirror shall have twelve 3/8” mounting holes. Mirror shall have replaceable sacrificial plexiglass. Mirror is warranted for materials and workmanship. 12 Gauge Frames shall include a lifetime functional limited warranty. See website for warranty details.

Surface Mount Mirror Shall Be:
- Atlas American Model: AA-MTL
- Spec 316L Stainless Steel for Military/Maritime

MADE IN U.S.A. PRODUCT

www.vandalstop.com

Phone (530)-894-7867

Atlas American LLC
1700 Bidwell Avenue
Chico, CA 95926

E-Mail sales@vandalstop.com

ARCHITECT'S STAMP

STATE OF GEORGIA · GORDON M. SMITH, JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION
1		

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

EQUIPMENT DETAILS

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

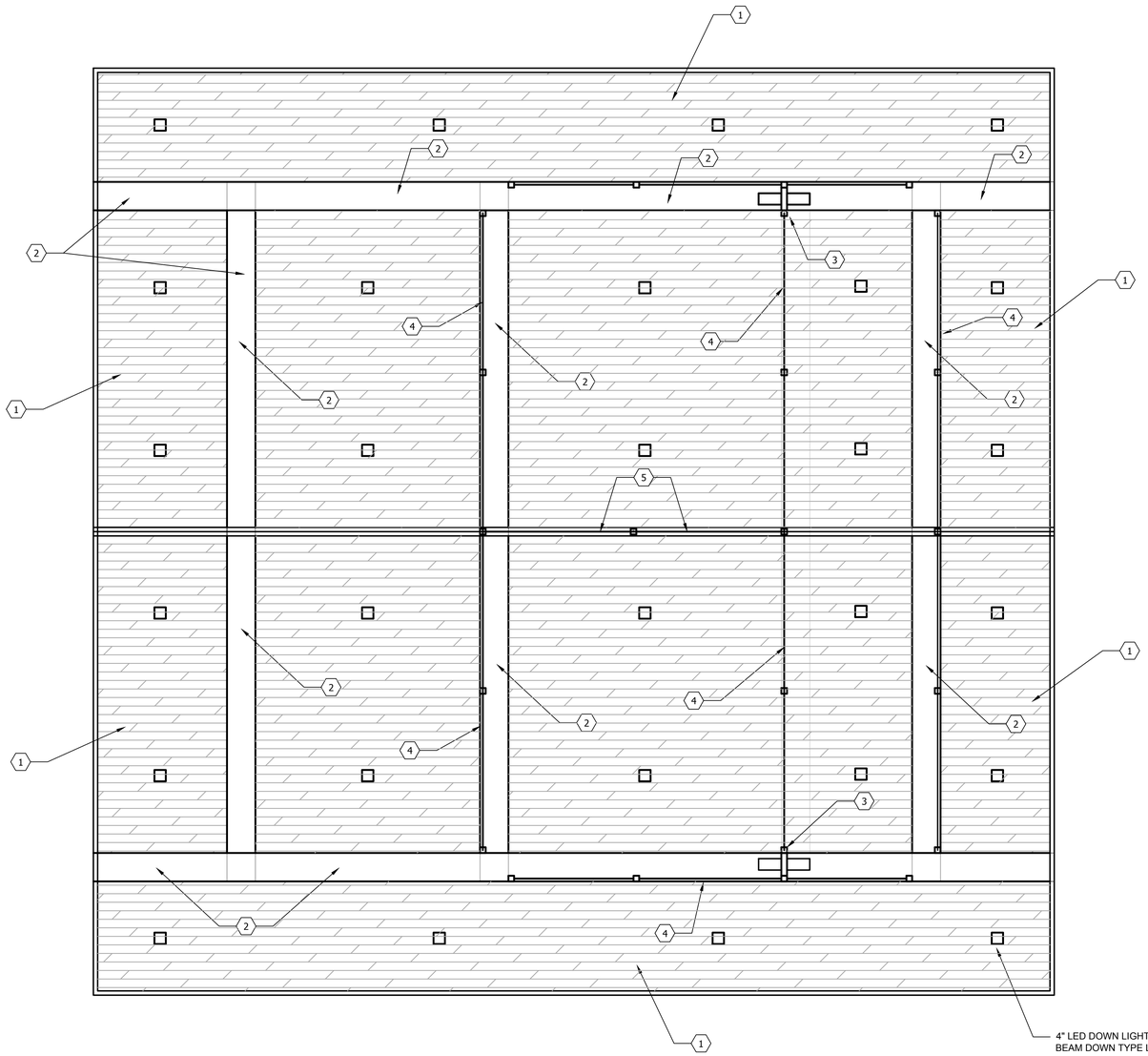
SHEET:
A9-1

LEGEND

4" SQUARE RECESSED EXTERIOR LED DOWNLIGHT
(ON WITH PHOTOCELL / OFF WITH TIME CLOCK)

KEYNOTES

1. 1X6 TONGUE AND GROOVE DECKING WITH "V" GROOVE JOINT (ALL STAINED)
2. TUBE STEEL (PAINTED. TYPICAL)
3. TS 2 X 8 X 3/16" VERTICAL WITH 1/4" BASE PLATE 4" X 8" WITH 1-A.B. EACH PLATE TO ACCEPT END OF MESH FRAME
4. CUSTOM WIRE MESH FRAME ON 2 X 2 TS FRAME. SEE DETAILS. PRIME AND PAINT.
5. CUSTOM 1/4" STEEL PLATE ON 2 X 2 TS FRAME. SEE DETAILS. PRIME AND PAINT.



1 RC-1 REFLECTED CEILING PLAN PLAN
Scale: 1/2" = 1'-0"

ARCHITECT'S STAMP
STATE OF GEORGIA
GROVER W. SMITH, JR.
7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

REFLECTED CEILING PLAN

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ISSUED DATE:
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14 FEB 2020

JOB NO:
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SHEET:
RC-1

DESIGN / BID / BUILD PLUMBING SYSTEM CRITERIA

PLUMBLING CRITERIA-BASIC MATERIALS & METHODS

1. GENERAL-Provide a complete Plumbing system, left in proper working order. Provide herein means installed completely, including labor and materials.
2. INCLUSION- The Plumbing work is a portion of the overall project requirements and as such shall comply with the conditions and requirements of the General Conditions, Supplementary Conditions and all applicable requirements of the overall project.
3. CODES, UTILITIES, REGULATIONS-Secure and pay for all fees, licenses, permits, inspection. Coordinate with power and communication utilities. Meet and comply with all Federal, State, County, and City Codes.
4. CONTRACTOR REQUIRMENTS-The installing contractor providing for this work shall be a firm licensed for this type work and shall provide copies of licenses, business licenses, bonding limits and insurance coverage. The contractor's field personnel shall be under direct supervision of a licensed plumber(s).
5. COORDINATION-This contractor is responsible for coordinating with all other trades for the proper installation of this work, maintaining required clearances. Confirm and coordinate, in writing with electrical trade the electrical characteristics and power requirement of item requiring power, prior to finalizing equipment order.
6. SUBMITTALS-Provide complete submittals on Contractor qualifications, all items, equipment, products, etc. For review, prior to finalizing orders. Submit a minimum of three sets, more if required by the General Conditions.
7. PROVISIONS TO BE INCLUDED-Labor, supplies and materials, tools, equipment, etc.; material shipping, delivery, receiving, storage, and protection; installation of all Mechanical equipment and connections; coordination with other trades.
8. MATERIALS-All materials shall be new, currently manufactured, U.L. labeled, and meet all industry standards. Label all equipment. Provide 300 PSI class concrete for bases an backfill. Provide 3/4" thick A/D fire retardant grade backboards. Provide all support hardware. Paint all material exposed to view as directed by architect.
9. CUTTING/TRENCHING/PATCHING-Contractor shall provide for all necessary cutting, trenching, backfilling, and patching related to this work. Backfill to 95% compaction. Patch and finish, to match original conditions. Contact "Call-Before-You-Dig" services prior to any excavation work.
10. FIRE AND SMOKE SEALS-Provide fire/smoke seals of each penetration of any rated barrier.
11. EQUIPMENT AND CONTROLS-All equipment shall be factory pre-wired complete, and provided with equipment disconnect, starters, over-load relays, etc. including all controls and low-voltage wiring. All equipment motors shall meet current energy efficiency requirements. Provide all control and interlock wiring.
12. EQUIPMENT SUPPORT, CLEARANCES, AND ACCESS-Equipment shall be properly supported as instructed by the manufacturer. Provide vibration isolation devices for each item. Equipment shall be located to maintain proper clearances and required access. Verify and coordinate prior to the installation.
13. SEISMIC REQUIRMENTS-Support all items in accordance with the seismic zoning requirements.
14. WORKMANSHIP-All work shall be installed in a coordinated, organized, neat, and professional manner.
15. STRUCTURAL COORDINATION-Review and coordinate with the structural conditions prior to the start of any work. Any attachments, welding and/or cutting of the building structure must first be approved, in writing, by the building structural engineer. Locate slab penetrations to avoid conflict and damage. Sleeve and seal each penetration.
16. ROOF PENETRATIONS-Any roof modifications shall be by the building owner's designated roofing installer/supplier to maintain the roofing warranty. Provide all necessary components (curbs, pitch pockets, etc.) and pay all related cost for a complete installation.
17. CLOSE OUT/INSPECTIONS-This contractor shall assist with on-site reviews of this work. At completion of the project, demonstrate in the presence of the Owner/Tenant, Architect, and Engineer to proper operation of all components, systems, devices, etc.
18. WARRANTY-This contractor shall warrant all materials, labor, and installation for one full year from date of Certificate of Occupancy. Any extended product warranties shall be passed onto the owner.

END OF PLUMBING BASIC MATERIALS AND METHODS

PLUMBING CRITERIA-PIPING SYSTEMS GENERAL

1. DIAGRAMMATIC DRAWINGS-Drawings are diagrammatic to indicate the intended requirements for the Plumbing system. Every fitting and detail is not necessarily indicated. The contractor shall provide for and install for a complete and properly functioning system(s) in a professional manner. All work shall be installed so that working components are accessible for service.
2. ACCESS PANELS-Provide flush mounted hinged cover access panels for access to any concealed valves, devices, or other components requiring maintenance, adjustments, etc.
3. FIRE STOP-The contractor shall review the architectural and structural drawings and provide UL listed Fire-Stop at each fire rated barrier, in accordance with it labeling, to match the barrier rating (at minimum) and where required by the AHJ. Provide access to any concealed unit.
4. GENERAL PIPING-All piping work is to be concealed unless otherwise indicated. Contractor shall coordinate and field verify exact duct routes and clearances prior to fabrication. Provide for modifications to adjust to field conditions and maintain power flows and pressures. Any piping in counters and cabinets work shall be located out-of-the-way to the rear and well secured. Coordinate fully with the Architect/Cabinet Manufacturer.
5. EXPOSED PIPING-Any exposed piping work is to be protected from physical damage. All piping exposed below sinks, lavatories, etc. shall be insulated and protected in accordance with ANSI/ADA requirements utilizing McGuire ProWrap, TrueBro INC. or equivalent.
6. STUB-UP AND OUTS-Field coordinate the final exact location of each stub-up and stub-out location prior to rough-in. Floor slab penetrations shall be sleeved and sealed. Coordinate sloping of floor to drains with Architect and General Contractor. All floor drains, floor sinks, clean-outs, etc. shall be flashed to the waterproofing membrane and sealed.
7. PIPING SUPPORT-Utilize pipe hangers and supports with wide saddles to avoid crushing insulation. Each wall penetration shall have wall sleeve. Install chrome-plated escutcheons at each stub-out to the waterproofing membrane and sealed.
8. PIPING INSULATION-1/2" thick, foil backed preformed insulation, UL listed for use in environmental air plenums. Armaflex Type AP or equal. Insulate all CW, HW, P-Traps and any waste/soil piping exposed to unconditioned environment.
9. PIPING MATERIALS-Utilize the same manufacturer for all piping of the same type material. All fittings and related components and materials shall be per the piping manufacturer's written data. Handle, store, and install per the manufacturer's written data.
10. RETURN AIR PLENUMS-ABS/PVC/CVPC piping product can not be used in environmental return-air plenums.

END OF PLUMBING BASIC MATERIALS AND METHODS

PLUMBING CRITERIA-SOIL/WASTE/VENT (SWV) PIPING SYSTEMS

1. BASIS OF DESIGN-The soil waste and vent piping design is generally based on ¼ inch per foot slope, smooth pipe.
2. UTILITY COORDINATION-Prior to start of work, coordinate and verify in writing, the utility tie-in, location, size(s), invert, etc. Copy to Owner, Architect and Engineer.
3. IN GRADE S&W-Service weight cast iron with hub and spigot joints, or where permitted by code, schedule 40 DWV PVC pipe utilizing manufactured approved fittings and solvents.
4. ABOVE GRADE S&W-Hub less cast iron pipe with positive-seal, one-piece elastomeric compression type gasket no-hub fitting with stainless steel clamps. Schedule 40 DWV PVC pipe with manufacture approved fittings and solvents may be utilized in non-return air environments, where allowed by code and written owner approval.
5. VENTING (V)-Hub less iron pipe with positive seal, one-piece elastomeric compression type gasket no-hub fitting stainless steel clamps. Plenum-rated schedule 40 DWV PVC pipe with manufacture approved fitting and solvents may be utilized where allowed by code and written owner approval.
6. CAST IRON PIPE-No hub/hub less pipe and matching components. Pipe shall comply with ASTM A-888, CISPI-301, IAPMO listed, ISO 9001-2000 certified. Coupling shall be stainless steel type complying with ASTM C-1277 (Standard) and ASTM C-1540 (Heavy Duty).
7. DWV PVC PIPE AND FITTING-PVC schedule 40 solid wall pipe, conforming to NSF 14, 12454 cell class per ASTM D-1784, iron pipe size per ASTM D-1785 and D-2665, fittings per ASTM D-2665. Note PVC can not be utilized in return/environmental air plenums.
8. P TRAPS-Provide each fixture, drain, etc. with a P-Trap in accordance with the code. Utilize chrome-plated, joint P-Trap where exposed under fixtures, etc.
9. CLEAN OUT-Provide clean outs as shown and/or required by code. Utilize flush-in-floor or wall type, cast, water, and gas tight, with nickel bronze cover and plug.
10. FLOOR DRAIN-Where shown or required, general service, light duty (UNO) nickel bronze top, adjustable height head, with drain grid, strainer and sediment bucket. Flush mount in floor. Provide Pro-Set Trap-Guard in each drain (UNO).

END OF PLUMBING BASIC MAATERIALS AND METHODS

PLUMBING CRITERIA-WATER DISTRIBUTION SYSTEMS

1. BASIS OF DESIGN-The Water Distribution System piping design is generally based on PVC piping.
2. UTILITY COORDINATION-Prior to start of work, coordinate and verify in writing, the utility connection, metering, location size(s), invert, pressure, etc. Copy to Owner, Architect, and Engineer.
3. PRESSURE REDUCTION/BACK FLOW PREVENTION-provide adjustable pressure reduction valve and back flow prevention valve on each incoming water supply. Sized for required pressure and flow. PRV valve shall be adjustable and have strainer. BFP valve shall be UL/AWWA listed, double-gate type.
4. WATER DISTRIBUTION GENERAL-All materials shall be approved for portable water service. Utilize "No Lead" components, materials, fittings, etc.
5. IN/BELOW GRADE WATER PIPING-Utilize ASTM B-88 Type L annealed temper copper tubing, seamless and joint less, with ASME b16.18/22/26/50 fittings.
6. ABOVE GRADE PIPING-Utilize ASTM B-88 Type M Hard Temper copper tubing with soldered, brazed or flared joints and ASME b16.18/22/26/50 fittings and connectors. Ant copper-to-steel connections shall utilize insolation unions. Fitting shall be cast iron and approved for the purpose.
7. SOLDER-Utilize no-lead solder, 95% tin/5% Antimony and water based flux.
8. FIXTURE CONNECTIONS-Provide chrome escutcheon and chrome shut-off valve with stainless steel flexible tubing, with slack, for each fixture pipe connection.
9. VALVES-Provide line size, brass or bronze body gate valves, rated for 125 PSI shock water pressure. Crane, Nibco, or Hammond. Tag or label each value.
10. HOSE BIBBS-Utilize brass or bronze body, with bronze interior components, replaceable seat and seal, and vacuum breaker hardware. Location subject to freeze shall be no-freeze wall hydrant type.
11. SHOCK ABSORBERS-Sized and installed per P.D.I. standards.
12. PRESSURE AND TEMPERATURE GAUGES-Stainless steel case and ring with balanced adjustable pointer and brass socket, 4.5 inch dial with piston type pressure snubber and brass needle valve. 0-200 PSI for utility water service, 0-100 PSI for water distribution piping. Temperature gauges shall be adjustable angle type with red pointer and contrasting temperature scale.
13. PRESSURE TESTING-Each piping system shall be pressure tested with water, per piping manufacturer, before insulated or concealed, at 125 PSI for 24 hours with NO pressure loss. Copy test results to AHJ, Owner, Architect, and Engineer.
14. DISINFECTING-Each piping system shall be completely disinfected in accordance with the code, then flushed clean. Each fixture shall be cleaned prior to disinfecting piping. A water sample for the farthest outlet shall be taken and tested by an independent lab to certify the water copy. Send copies of test results to AHJ, Owner, Architect, and Engineer.
15. MISC. HARDWARE-Refer to the symbols and hardware schedule fro other items and criteria.

END OF PLUMBING BASIC MATERIALS AND METHODS

PLUMBING CRITERIA-GAS PIPING SYSTEMS

1. DESIGN BASIS-The gas piping design is generally based on natural gas, and smooth steel piping.
2. UTILITY COORDINATION-Prior to start of work, coordinate and verify in writing, the utility tie-in, location, size(s), pressure, elevation, etc. Copy to Owner, Architect, and Engineer.
3. METERING-Coordinate with the owner/tenant regarding any metering requirements, choices, etc.
4. GAS DISTRIBUTION GENERAL-All materials, fitting components, etc. shall be approved for the type gas utilized. Utilize only UL listed and labeled components.
5. ABOVE GRAD PIPING-Schedule 40, black steel piping with threaded joints, connector and fittings. Threaded connections shall be sealed and tight. Weld a;; joints, fittings and connections on piping system with pressure greater than 5.0 PSIG.
6. SHUT OFF GAS COCK VALVES-Provide quarter-turn cast ball shut-off gas valve at each gas appliance.
7. APPLIANCE CONNECTION LINES-Utilize UL labeled stainless steel flexible type connector at each appliance connection. Provide with at least one loop of slack, and drip leg in gas piping.
8. APPLIANCE SAFETY VALVES-Each appliance is to be equipped with a UL labeled automatic shut-off valve. Notify AHJ and owner immediately of any appliance not equipped with safety valve.
9. GAS REGULATION-Provide pressure reducing regulators where shown or as required. Sized for the proper flow and inlet and outlet pressure.
10. PRESSURE TESTING-Each gas piping system shall be pressure tested, before being concealed. Close all appliance gas cocks or cap ends. Test at 150%, but not less than 3 PSIG, per code. Copy test results to AHJ, Owner, Architect, and Engineer.

END OF PLUMBING BASIC MATERIALS AND METHODS

HVAC ABBREVATIONS

AC	AIR CONDITIONING
AHU	AIR HANDLING UNIT
AUTO	AUTOMATIC
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BC	BALANCE COCK
BFC	BELOW FINISHED CEILING
BLDG	BUILDING
BV	BALL VALUE
CONN	CONNECT
CLG	CEILING
CTR	CENTER
CV	CHECK VALUE
CW	COLD WATER
DFU	DRAINAGE FIXTURE UNIT
DISTB	DISTRIBUTION
DIA	DIAMETER
DN	DOWN
DP	DROP
DS	DOWN SPOUT
DWGS	DRAWINGS
EDH	ELECTRIC DUCT HEATER
EMG	EMERGENCY
EXIST	EXISTING
FA	FRESH AIR
FCO	FLOOR CLEAN OUT
FCU	FAN COIL UNIT OR AHU
FD	FLOOR DRAIN
FH	FIRE HYDRANT
FIXT	FIXTURE
FS	FLOOR SINK
FT	FOOT/FEET
G	GAS
GC	GAS COCK
GH	GROUND HYDRANT
GRND	GROUND
GV	GATE VALVE
HD	HUB DRAIN
HP	HORSE POWER
HTR	HEATER
HW	HOT WATER
HWR	HOT WATER RETURN
HPU	HEAT PUMP UNIT
INV	INVERT ELEVATION
KVA	KILO-VOLT-AMPERES
KW	KILOWATTS
LT	LIQUID-TIGHT
MANUF	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
MTD	MOUNTED
NFHB	NONFREEPE HOSE BIB
NIC	NOT IN CONTRACT
PNL	PANEL
PRV	PRESSURE REDUCING VALVE
P&T	PRESSURE & TEMPERATURE
QTY	QUANTITY
RD	ROOF DRAIN
RW	RAIN WATER
S	STACK/SANITY
SA	SHOCK ABSORBER
SCHD	SCHEDULE
THRU	THROUGH
TYP	TYPICAL
UG	UNDER-GROUND
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEAN OUT
WG	WATER GAUGE
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
W&V	WASTE & VENT

ARCHITECT'S STAMP

STATE OF GEORGIA · GORDON W. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

706-882-5511
www.SDGarch.net

REVISIONS

!	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

PLUMBING SPECS

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
P-1

PLUMBING SPECIFICATIONS:

PLUMBING GENERAL
Work covered by this document includes labor, material, products and services for, and incidental to, installation of plumbing systems drawn or specified.
Work shall be complete, tested, adjusted and ready for operation.

REGULATIONS AND REQUIREMENTS
Install work to comply with local, state and federal applicable regulations.
Secure necessary permits and inspections, paying all costs and fees involved.

SHOP AND RECORD DRAWINGS
Furnish shop drawings for manufactured products, 4 (four) copies minimum.

DRAWINGS
Except where dimensions are specifically indicated, mechanical drawings are diagrammatic and shall not be scaled. However, size and location of equipment is shown to scale where possible. Drawings indicate required size and routes of system elements. It is not the intention to indicate all off-sets, risers and drops. It is the contractor's responsibility to install system elements in a manner to conform to structure and avoid obstructions.

Refer to architectural drawings for building dimensions.

Refer to electrical drawings for voltage and system characteristics supplied to mechanical equipment.

Visit project site, survey existing conditions, and coordinate work to comply with the documents.

FIXTURES
Refer to plumbing fixture schedule.

Water Heaters: **Instant Electric hot water heater to serve two sinks and floor sink**

PIPING
Sanitary waste and vent pipe shall be schedule 40 PVC DWV pipe and fittings, ASTM D2665-78.
Domestic water pipe shall be CPVC, ½" thick fiberglass insulation.

VALVES
Gate Valves: Bronze body, 235 psi minimum working pressure, rising stem, soldered or screwed ends.
Valves shall be Jenkins No.47, Kennedy No.425, Crane, NIBCO, Hammond, Milwalkee, Stockham or approved equal.

INSTALLATION

Product shall be installed in accordance with manufacturer's printed installation and maintenance literature.
Components requiring periodic maintenance or adjustment shall be located or installed as to permit access without damage to building structure, finishes or other equipment.

CLEANOUTS:

Provide cleanouts in soil and waste lines as shown, as required by the governing code, at the bottom of each exposed fixture trap which in not integral with the fixture, at the end of each branch drainage line, at each change of horizontal direction greater than 45 degrees, at the foot of each soil stack, and in horizontal drain lines at intervals of not more than 75'.

FLOOR & SHOWER DRAINS:

Floor drains shall have slotted strainers, outlets same size as waste pipe. Set top flush with finished floor. Drains shall be similar to Josam 31220 series, or equal.

Shower drains shall be ACO "QuARTz" linear shower drain model 93865, nominal 36" x 4" drain, complete with debris strainer, plain-edge channel for CPE membrane, Hawaii grate, stainless steel finish and 2" drain outlet.

TRAPS:

Provide traps for all fixtures and drains, except as noted otherwise. Set traps true and level. Provide exposed traps with brass clean-out plug.

TRAP PRIMERS:

All floor drains shall have an automatic trap primer.

INSULATION:

Pipe insulation shall be one-piece fibrous glass sectional pipe insulation with factory applied glass reinforced aluminum foil and white kraft paper flame retardant vapor barrier jacket. Longitudinal jacket laps and butt strips shall be self-sealing. Insulate all domestic water piping with minimum 1" thick insulation.

PLUMBING FIXTURE SCHEDULE

Submit cut sheets on all fixtures, other similar commercial grade fixture manufacturer are acceptable

MARK	DESCRIPTION	S	W	CW	HW	REMARKS / MOUNTING	MODEL NUMBER
P1	WATER CLOSET	4"	---		---	15" SEAT HEIGHT	KOHLER **Auto Flush valve** 1.6 GPF OR EQUAL
P2	WATER CLOSET	4"	---		---	18" SEAT HEIGHT	KOHLER **Auto Flush valve** 1.6 GPF OR EQUAL
P3	URINAL	---	2"	3/4" (VERIFY)	---	17" MAX LIP HEIGHT	ELJER 161-1090 W/ 3/4" TOP SPUD 1.0 GPF SLOAN FLUSH VALVE 180-K OR EQUAL
P4	LAVATORY	---	1 1/4"	1/2"	1/2"	IN COUNTER	ELJER 053-0364 W/ GRID DRAIN FAUCET ELJER , POLISHED CHROME WITH MCGUIRE OFFSET PROWRAP P-TRAP MODEL PW2125 OR EQUAL **Auto faucets**
P5	LAVATORY	---	1 1/4"	1/2"	1/2"	WALL HUNG	ELJER 051-2344 W/ GRID DRAIN MTD. FLUSH TO WALL FAUCET ELJER 557-1062, POLISHED CHROME WITH MCGUIRE OFFSET PROWRAP P-TRAP MODEL PW2125 OR EQUAL
P6	BREAKROOM SINK (2 COMP.)	---	1 1/4"	1/2"	1/2"	UNDER COUNTERTOP MOUNT	JUST DBW-2133-A-GR-L, FAUCET JUST J-902 W/ JUST J-ADA-35 DRAIN OR EQUAL
P7	STAINLESS STEEL SINK (1 COMP.)	---	1 1/4"	1/2"	1/2"	IN COUNTER	JUST SBW-2125-A-GR-R, FAUCET JUST J-902 W/ JUST J-ADA-115FS DRAIN OR EQUAL
P8	**Floor Sink**						**Provide hot and cold water hose Bibb connections at 36" aff**
P9	DRINKING FOUNTAIN	---	1 1/4"	1/2"	---		**See specifications this sheet**
P10	SHOWER	SHOWER ENCLOSURE IS CERAMIC TILE. PROVIDE ADA COMPLIANT, PRESSURE BALANCED SHOWER VALVE, FIXED-POSITION ADJUSTABLE SHOWER HEAD, HAND-HELD ADJUSTABLE SHOWER HEAD ON 2" SLIDE BAR, LEVER ACTIVATED SHOWER HEAD SELECTOR VALVE AND GRID DRAIN. MAXIMUM 2.5 GPM FLOW RATE AT 60 PSIG. SHOWER FITTINGS SHALL BE CHICAGO MODEL 1907-TK600CP WITH 151-CP HAND-HELD SHOWER HEAD AND SLIDE BAR, OR EQUAL SYMMONS, MOEN, AMERICAN STANDARD OR KOHLER. (LINEAR SHOWER DRAINS SHALL BE AS SPECIFIED ABOVE.)						

WATER HEATER SCHEDULE

SYMBOL	HEATER SERVICE	HEATER TYPE	HEAT INPUT	STORAGE CAPACITY	RECOVERY RATE (GPH @ IND. RISE)	DISCHARGE TEMP (°F)	MANUFACTURER & MODEL	REMARKS
WH-1	DOMESTIC HOT WATER	ELECTRICA				110	**Instant Electric hot water heater to serve two sinks and floor sink**	

WATER PRESSURE REDUCING VALVES:

Provide in the cold water service to each building. Each valve shall have capacities and characteristics as shown on drawings. Each PRV Station shall be provided with a strainer in the inlet of each valve and unions on both sides. Provide a 3½" 0-200 psig dial pressure gauge at the inlet and outlet of each valve.

BACK FLOW PERVENTER:

Back flow preventer shall consist of two independently acting internally force loaded check valves; including gate valves and test cocks, with an intermediate reduced pressure zone. Drain line from unit shall be DWS copper run full size to floor drain or service sink.

WATER HEATER:

Heaters shall be electric point of use type, as scheduled, with capacities as scheduled. Heaters shall be Lochinvar, Chronomite, A.O. Smith or State.


ELKAY SPECIFICATIONS

Elkay Outdoor ezH2O Bottle Filling Station
Bi-Level Pedestal with Pet Station Non-Filtered
Non-Refrigerated Freeze Resistant
Model LK4420BF1UDBFRK

PRODUCT SPECIFICATIONS
Elkay Outdoor ezH2O Bottle Filling Station, Bi-Level Pedestal with Pet Station Non-Filtered, Non-Refrigerated Freeze Resistant. Features shall include 316 Stainless, Laminar Flow, Heavy Duty Vandal Resistant, Pet Fountain, Sealed Freeze Resistant. Furnished with Vandal Resistant bubbler. Mechanical Front Bubbler Button activation. Product shall be Floor Mount/Freestanding, for Outdoor applications, serving 2 station(s). Unit shall be lead-free design which is certified to NSF/ANSI 61 & 372 (lead free) and meets Federal and State low-lead requirements.

Special Features:	316 Stainless, Laminar Flow, Heavy Duty Vandal Resistant, Pet Fountain, Sealed Freeze Resistant
Finish:	Beige (BGE), Black (BLK), Blue (BLU), Brown (BRN), Evergreen (EVG), Gray (GRY), Orange (ORN), Purple (PUR), Red (RED), Terracotta (TER), White (WHT), Yellow (YLW)
Power:	No Electrical Required
Bubbler Style:	Vandal Resistant
Activation by:	Mechanical Front Bubbler Button
Mounting Type:	Floor Mount/Freestanding
Chilling Option:	Non-refrigerated
Dimensions (L x W x H):	26" x 31" x 64"
Approx. Shipping Weight:	224 lbs.
Installation Location:	Outdoor
No. of Stations Served:	2

Special Note: Bottle Filler Stations 1 (Upper), Bubbler Stations 1 (Low), Choose from 12 color options
- Mechanically-Activated bubbler continues to supply water in event of service disruptions.
- Laminar flow provides clean fill with minimal splash.
- Base material constructed from marine-grade 316 stainless steel provides the ultimate corrosion protection from even the most corrosive elements.
- Pet Fountain: Features slow drainage for easy drinking.
- Sealed Freeze Resistant Valve System: Fully sealed freeze resistant system that minimizes chance of ground water contamination, and prevents drain water from mixing with fresh water. Designed for ground installation below the frost line.

Evergreen (EVG) Blue (BLU) Purple (PUR) Red (RED) Terracotta (TER) Orange (ORN)
Yellow (YLW) Black (BLK) Brown (BRN) Gray (GRY) Beige (BGE) White (WHT)

AMERICAN PRIDE. A LIFETIME TRADITION.
Like your family, the Elkay family has values and traditions that endure. For almost a century, Elkay has been a family-owned and operated company, providing thousands of jobs that support our families and communities.

Included with Product: Outdoor Bottle Filler, Freeze Resistant Valve

▼ Ships in multiple boxes.

PRODUCT COMPLIANCE
ADA & ICC A117.1
ASME A112.19.3/CSA B45.4
Buy American Act
GreenSpec®
NSF/ANSI 61 & 372 (lead free)

Complies with ADA & ICC A117.1 accessibility requirements when installed according to the requirements outlined in these standards. Installation may require additional components and/or construction features to be fully compliant. Consult the local Authority Having Jurisdiction if necessary.

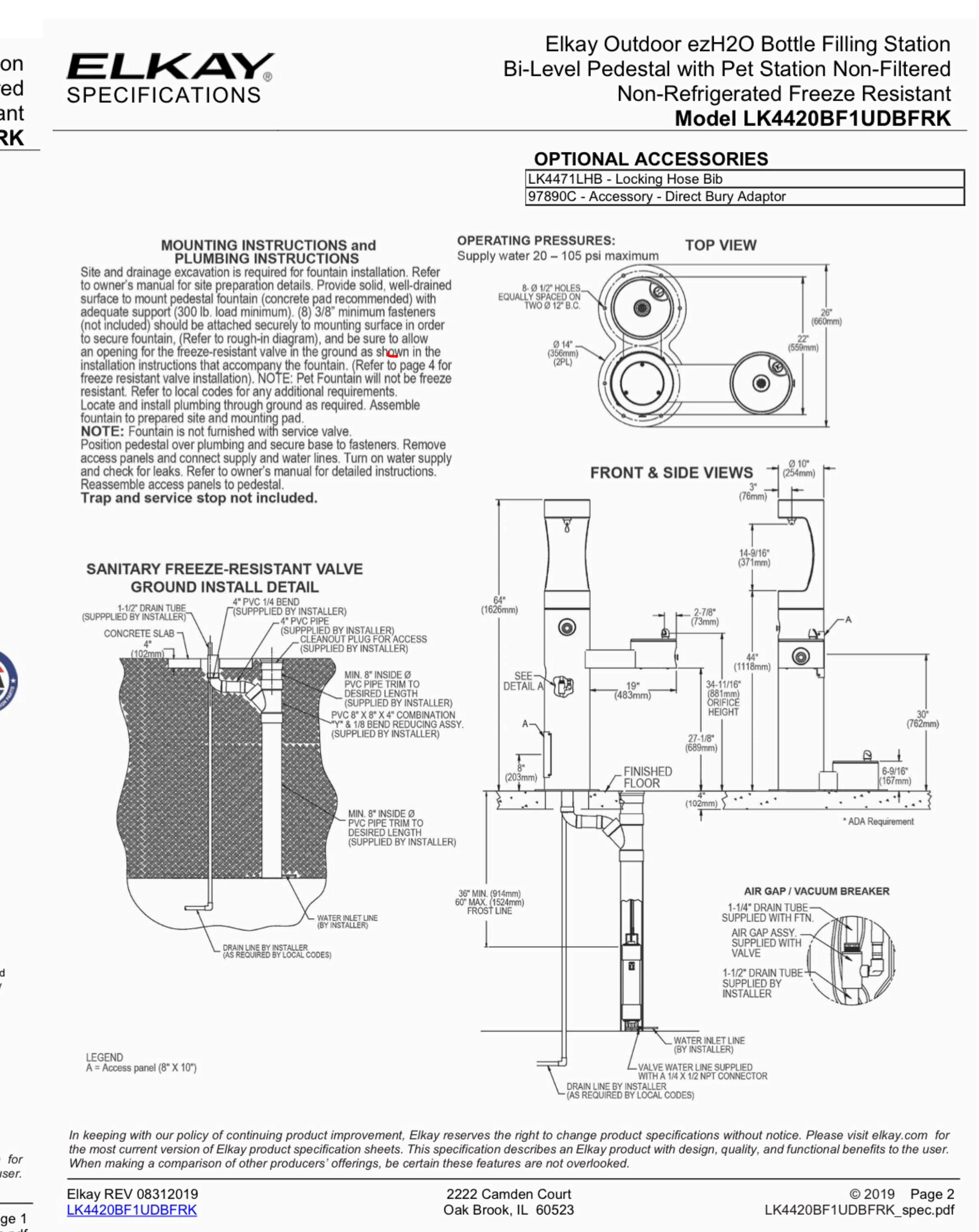
Installation Instructions (PDF)

Warranty pertains to drinking water applications only. Non-drinking water applications are not covered under warranty.
Warranty (PDF)

PART:______________ QTY:______
PROJECT:______________
CONTACT:______________
DATE:______________
NOTES:______________
APPROVAL:______________

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay REV 08312019 LK4420BF1UDBFRK | 2222 Camden Court Oak Brook, IL 60523 | © 2019 Page 1 LK4420BF1UDBFRK_spec.pdf


ELKAY SPECIFICATIONS

Elkay Outdoor ezH2O Bottle Filling Station
Bi-Level Pedestal with Pet Station Non-Filtered
Non-Refrigerated Freeze Resistant
Model LK4420BF1UDBFRK

OPTIONAL ACCESSORIES
LK4471LHB - Locking Hose Bib
97890C - Accessory - Direct Bury Adaptor

MOUNTING INSTRUCTIONS and PLUMBING INSTRUCTIONS
Site and drainage excavation is required for fountain installation. Refer to owner's manual for site preparation details. Provide solid, well-drained surface to mount pedestal fountain (concrete pad recommended) with adequate support (300 lb. load minimum). (8) 3/8" minimum fasteners (not included) should be attached securely to mounting surface in order to secure fountain. (Refer to rough-in diagram), and be sure to allow an opening for the freeze-resistant valve in the ground as shown in the installation instructions that accompany the fountain. (Refer to page 4 for freeze resistant valve installation). NOTE: Pet Fountain will not be freeze resistant. Refer to local codes for any additional requirements.
Locate and install plumbing through ground as required. Assemble fountain to prepared site and mounting pad.
NOTE: Fountain is not furnished with service valve.
Position pedestal over plumbing and secure base to fasteners. Remove access panels and connect supply and water lines. Turn on water supply and check for leaks. Refer to owner's manual for detailed instructions. Reassemble access panels to pedestal.
Trap and service stop not included.

OPERATING PRESSURES:
Supply water 20 – 105 psi maximum

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SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
www.SDGarch.net

Auto faucets

REVISIONS

DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

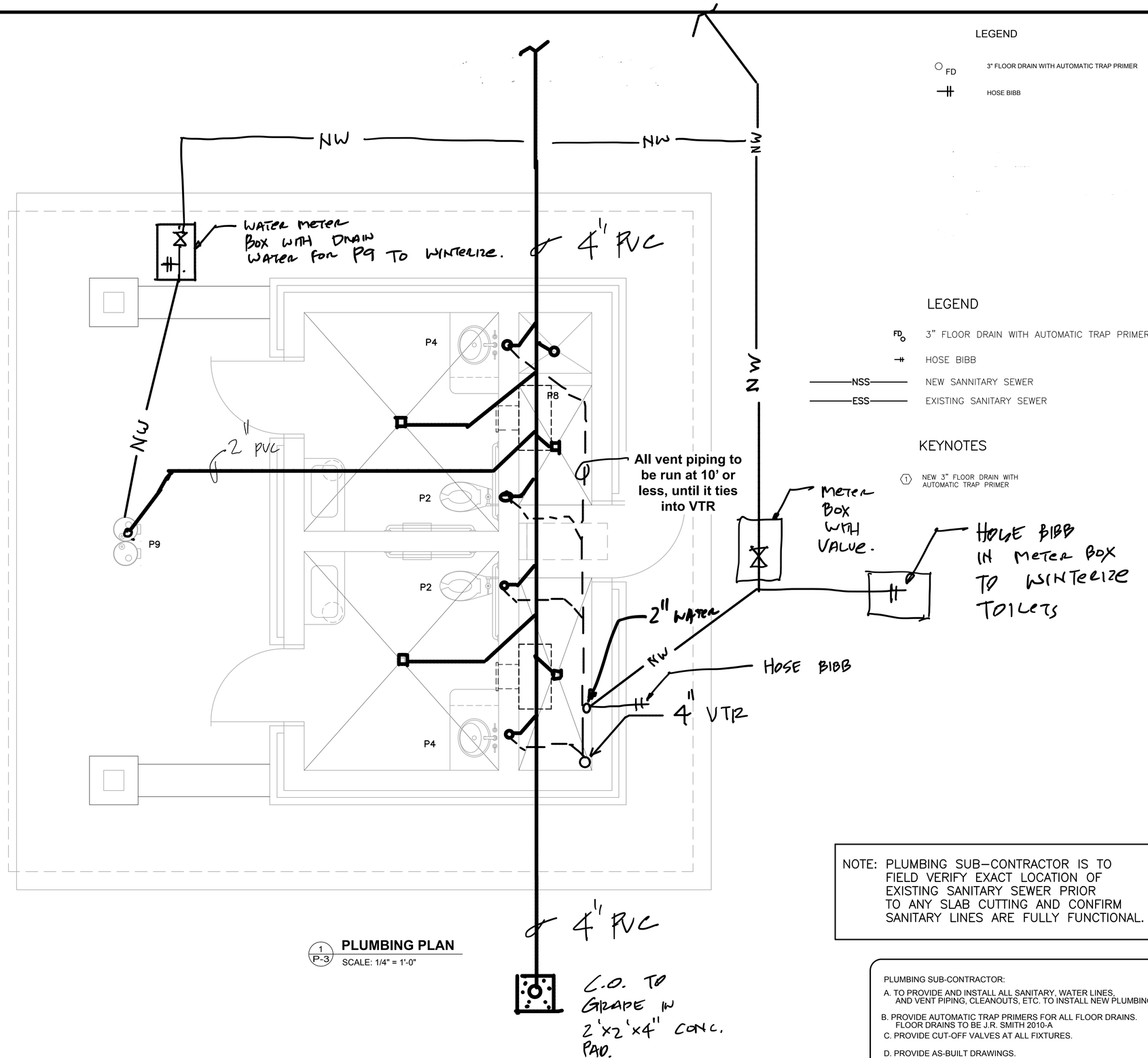
PLUMBING PLAN

MODIFIED DATE:

JOB NO: 1922

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

SHEET: P-2



1 P-3 **PLUMBING PLAN**
SCALE: 1/4" = 1'-0"

LEGEND

FD	3" FLOOR DRAIN WITH AUTOMATIC TRAP PRIMER
	HOSE BIBB

LEGEND

FD	3" FLOOR DRAIN WITH AUTOMATIC TRAP PRIMER
	HOSE BIBB
NSS	NEW SANNITARY SEWER
ESS	EXISTING SANITARY SEWER

KEYNOTES

1 NEW 3" FLOOR DRAIN WITH AUTOMATIC TRAP PRIMER

NOTE: PLUMBING SUB-CONTRACTOR IS TO FIELD VERIFY EXACT LOCATION OF EXISTING SANITARY SEWER PRIOR TO ANY SLAB CUTTING AND CONFIRM SANITARY LINES ARE FULLY FUNCTIONAL.

PLUMBING SUB-CONTRACTOR:

A. TO PROVIDE AND INSTALL ALL SANITARY, WATER LINES, AND VENT PIPING, CLEANOUTS, ETC. TO INSTALL NEW PLUMBING

B. PROVIDE AUTOMATIC TRAP PRIMERS FOR ALL FLOOR DRAINS. FLOOR DRAINS TO BE J.R. SMITH 2010-A

C. PROVIDE CUT-OFF VALVES AT ALL FIXTURES.

D. PROVIDE AS-BUILT DRAWINGS.

ARCHITECT'S STAMP
STATE OF GEORGIA · GROVER W. SMITH JR. · 7575 · REGISTERED ARCHITECT
SIGNATURE REQUIRED

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206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511
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REVISIONS

	DATE	DESCRIPTION

PROJECT:
TOILET FACILITIES
SOUTHBEND PARK
PIERCE STREET
LAGRANGE, GEORGIA

TITLE:
PLUMBING PLAN

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
P-3

BID-DESIGN-BUILD ELECTRICAL CRITERIA

1. ELECTRICAL CRITERIA - PART 1 DESCRIPTION:

1) This contractor shall provide the following:

a) Complete design, based on these criteria and documents.

b) Complete installed, proper functioning electrical system(s).

c) Related work as described herein and indicated on the plans and other documents.

d) Complete one-year warranty on all material and work.

e) Provide any manufacturer extended warranties to the owner.

2) The General &Supplement Conditions, Agenda & related items are included as part of this scope-of-work criteria.

3) The contractor shall refer to and base any quotations of the complete criteria, including but not limited to, all drawings, written criteria, / scope-of-work and related documents.

2. QUOTATION DOCUMENTATION

1) This contractor's quote shall be based on the criteria as require in these documents.

2) The quotation shall include a statement that pricing is based on & covers / includes the scope-of-work as herein described & required.

3) Any alternates shall be fully itemized, listing the base quote price, the add / deduction price and supported with documentation of the alternate.

3. ELECTRICAL EXISTING CONDITIONS

1) The contractor shall make an on-site review of any existing conditions and shall include all necessary cost involved and / or associated with the existing conditions. This shall include, but not be limited to demolition & removal, temporary power, repair & restoration including floors, walls, and ceilings.

2) Unless noted otherwise all removed / demolition materials shall become the property of the contractor and shall be removed from the site.

4. ELECTRICAL CONSTRUCTION DOCUMENT (DRAWINGS, SPEC, CALCULATIONS)

1) Provide a complete set of electrical construction documents for owner review, permitting and use as construction documents.

2) Documents shall be Cad based utilizing AutoCadd or MicroStation Cadd software.

3) The documents shall be prepared and bear the PE stamp, name, address, phone and e-mail address of the engineer responsible. The engineer shall be a trained and experienced on electrical engineering and be a licensed engineer in the project state.

4) Drawings shall bear the complete project name & address, the electrical contractors' name, address, telephone number, and license information.

5) The documents shall include “to scale” plans, risers, symbols & legends, details, notes & all necessary schedules. The document shall be fully coordinated with the works of the other trades for correct equipment locations, power characteristics & requirements.

6) The lighting plans shall include lighting fixture schedule(s) with fixture description(s), finishes, etc. lamps type and color, voltages, input wattage, mounting and the manufacturers name and catalog number.

7) The electrical shall include the location of each device requiring an electrical connection, complete with all wire sizes, conduit sizes, disconnect, breaker and other required items. Voltage drop calculation shall be performed where needed or required.

8) The Electrical Riser Diagram shall indicate the complete electrical distribution system layout & interconnections. Also include detailed panel schedules; complete with schedules, feeder sizes, transformers and related work shall be included. Schedules shall be complete listing each circuit number with its description, load type, connected load wattage, phase, OCP amps/poles, including a load summary and calculation indicating the load totals by phase and by load types (ltg/recpt/etc.), voltages/phase/wire, buss amps, main OCP, and the minimum A/C ratings required.

9) The contractor shall provide written copies of all coordination with the telephone company, cable TV and other utilities serving this project. The coordination shall indicate how the services are to come on-site and enter the facility. The characteristics of each service are to be spelled out or detailed. The names and telephone number of each utility contact is to be listed.

5. SUBMITTAL REQUIREMENTS

1) Submit six complete copies of the completed construction documents for review by the owner & designated parties. All submittals shall be fully marked to indicate the exact item(s) being submitted. The submittals shall include, but not be limited to, conduit & fittings, wire & cables, panels, boards, transformers, lighting fixtures & lamps, system equipment, etc. Submittals for panels and other build-up items shall be the manufacturers fabrication submittal; use of standard catalog data is not acceptable.

2) The contractor shall also provide copies of all building permits and a listing of all suppliers, sub-contractors and others who will be providing materials or services on the contractor's behalf. This listing shall include the company name, the contact(s), and phone & fax numbers and e-mail address.

6. PROJECT COMPLETION & CLOSE-OUT

A) The contractor shall make work-in-progress and final working reviews / inspections with the owner & the owner's designated representatives. The contractors shall provide all necessary labor & tools for reviews & inspections.

B) At project completion the contractor shall provide a complete working demonstration of all systems and components and proper interface with system of other trades. Review and program / set all equipment operating timing & sequences as directed by owner.

C) Provide three copies of complete bound equipment data, instruction and operation manuals. Include copies of all permits & approvals, warranty certificates and contact information. Contractor shall provide two sets of “as-built” construction documents on reproducible mylar and two copies of “as-built” cad drawings on CD's.

D) Contractor shall return 30 days, 90 days, and 180 days after C.O.to review system operation with owner and make adjustments as required.

7. GENERAL PROJECT DESCRIPTION

A) Generally this project is new construction of a Family Life Center.

B) Refer to the architectural plans for specific building information, extent-of-work, etc.

8. ELECTRICAL BASIC CRITERIA

A) GENERAL- provide a complete electrical system, left in proper working order. Provide herein means installed correctly, including labor and materials. This contractor shall be a properly licensed to perform the required work. Secure and pay for all fees, licenses, permits, and inspections. Coordinate with power and communication utilities. Meet and comply with all Federal, State, and County & City Codes.

B) PROVISIONS TO BE INCLUDED- Labor, supplies and materials, tools, equipment, etc.; complete submittals & connections; coordination with other trades; material shipping, delivery, receiving, storage, & protection; excavation, backfilling, cutting, patching and cleaning; guarantee for one year, plus any extended manufacturer's warranties; as-built reproducible mylar record documents.

C) MISC. MATERIALS- all materials shall be new, and currently manufactured. All materials shall be U.L. labeled, and meet all industry standards. Label all equipment. Provide 3000 PSI class concrete for bases and backfill. Provide ¾” thick A/D fire retardant grade backboards. Provide all support hardware and systems for electrical work. Fire/smoke seal each penetration of any rated barrier (floor, wall, etc.)

D) SUPPORT-All materials, equipment, devices, etc. installed by this contractor shall be provided with proper study support. All building support attachments shall be made to the building structure. No support attachments shall be made to the ceiling system, gypsum wall boards, etc. Electrical devices shall not be mounted onto other equipment panels or housings, where the panel or housing will limit access & servicing. All attachment to the building structure shall be compatible with the building materials and not cause damage. Where free-standing supports, trapeze-type supports, racks or other similar support is needed or required Unistrut (or equal) framing channel and related components shall be utilized. Where located out-doors or subject to wet environments (kitchens, areas, etc.) the support material shall have a finish equal to Unistrut “Perma-Green II” finish. Utilize steel threaded rod with lock-nuts and double-nuts for pendant supports.

E) LABELING & MARKING- All electrical distribution equipment shall be labeled with the name or itemed served, voltage/phase/wire/fuse. Labels for distribution equipment shall be engraved bake-a-lite label attached with weather-proof adhesive. All j-boxes shall be marked with the circuit number (panel designation & ckt #), or other system designation (FA/PA/etc.). Utilize a permeate type marker to label the device cover (only on concealed boxes ie-above clg.). A complete directory shall be attached to the inside of each panel or distribution board. The directory shall include the device #, space served, load service and breaker rating.

9. FINISHES- Prior to ordering, the contractor shall coordinate all colors, finishes, and other material appearances with owner/tenant. This shall include all wiring devices, lighting fixtures, and other components.

10. ELECTRICAL SERVICE, METERING & DISTRIBUTIONS SYSTEM

A) SCOPE-OF-WORK

1) Provide for a complete system of the service entrance, metering & distribution to provide power from the utility source of all panels, equipment, appliances, & items requiring power and / or provision for future power.

B) SERVICE, METERING & DISTRIBUTION ELECTRICAL CRITERIA

1) Conductors & Raceways:

a) All conductors shall be copper, XHHW or THWN/THHN.

b) Aluminum can be quoted as an add / deduct.

c) Raceways shall be PVC underground, EMT or IMC for above grade.

d) Use of prefabricated modular busway allowed as contractors option if desired.

2) Electrical Panels

a) Labeled UL 67 and 50; NEMA 250 and PB1; NFPA 70-384 and 373.

b) Commercial grade (residential equipment/load centers, etc. is prohibited).

c) Voltage, Phase & NO. Wire is required.

d) SCAIC rated to match Fault Current Calculations, but no less than 22K AIC.

e) Flush mounted except where mounted in utilitarian service spaces.

f) Dead front design with hinged & locking front cover door.

g) NEMA 1 cabinet for indoor, NEMA 3R for wet location.

h) All lugs & terminals 60/75 deg. C rated.

i) Factory assembled, double row construction, staggered numbering, sequenced phased.

j) Tin-plated copper or aluminum busing. 100% rated phase & neutral, 50% ground.

k) Refer to over-current protective devices. Provide main breaker were served from transformers or remotely located. Match or exceed up-stream AIC rating, but no less than 22K AIC.

3) Grounded

a) Service Grounding- Provide per code, plus not less than (1) ground rod field consisting of three 10 ft rods, spaced 10 Ft apart triangularly & loop connected; (2) Bond to concrete rebar; (3) bond to building steel; (4) bond to metal cold water main pipe (if available).

b) Distribution System Grounding

(1) Provide grounding of entire electrical system per code.

(2) Provide green ground conductor in each feeder, sized per code.

(3) Each separately derived system (i.e. transformers, generators, etc.)

4) Fault Current Study

a) Provide a complete Fault Current Study of the entire distribution system.

b) Indication the available fault current at each point in the distribution system, including all motor, generator and other fault current contributors.

c) Provide (on power company letterhead) copies of the electrical service characteristics, including transformer size & type, available fault current, secondary voltage & phase, metering arrangements and any power company requirements, etc.

ELECTRICAL SPECS

11. LIGHTING & ELECTRICAL SYSTEMS SCOPE-OF-WORK

1) GENERAL ELECTRICAL REQUIRMENTS:

a) Provide a complete system of lighting, outlets, wiring, equipment & appliance connections for all Landlord electrical requirements.

2) EXTERIOR LIGHTING

a) Provide all lighting complete as indicated an the documents, including but not limited to fixtures, lamps, supports, wiring & controls.

b) Refer to the lighting fixture schedule for fixture Manuf., Models, Lamps, Etc.

c) Provide all related mounting bases & supports (i.e. concrete pole bases, etc.).

d) Exterior lighting control shall consist of electrically-operated/mechanically-help multi-pole lighting contractor(s), with front mounted H-O-A switch, controlled by two-channel astronomic programmable time switch(s) (Tork DZM200A or equal). Program schedule as directed by owner.

3) INTERIOR LIGHTING

a) Provide al lighting complete as indicated on the documents, including but not limited to fixtures, lamps, supports, wiring & controls).

b) Individual spaces (i.e. closets, equipment rooms, etc.) shall be controlled via wall mounted occupancy sensors with manual over-ride feature.

c) Common public spaces shall be controlled via lighting contractors controlled with programmable time controls (Tork DAM200A series or equal). Program per owner.

d) Security/Night Lights, circuit approximately 1/5 of the common public space lighting fixtures on “security/night light” circuit. These fixtures shall be switched via contractor(s) controlled by key operated momentary contact switche(s) located at each public entrance.

e) Provide a complete system of emergency egress lighting and exit signage per code requirements.

(1) Exit signage- LED lamp, edge-lit style (Chloride Symmetry Series or equal).

(2) Egress Lighting Public Common Areas- Utilize emergency battery inverter feature in selected public area lighting, otherwise utilize self-contained wall/ceiling mounted units.

4) OUTLETS & WIRING DEVICES:

a) Provide all outlets & wiring devices as indicated on the documents, complete with wiring & circuiting

b) Provide any code required devices that may not be indicated on the documents.

c) Where required by code, provide devices of the proper type & ratings (i.e. -GFCI, hospital grade etc.).

5) APPLIANCE & EQUIPMENT CONNECTIONS:

a) Provide electrical power & connect to all Landlord;

(1) Appliances as indicated on the documents.

(2) All HVAC equipment per the mechanical contractor requirements.

(3) All plumbing equipment per the plumbing requirements.

(4) All architectural equipment per the general contractor requirments (i.e. door operators, appliances,, etc.)

13. VOICE/DATA (VID) TELECOMMUNICATIONS SYSTEM(S):

A) V/D GENERAL REQUIRMENTS:

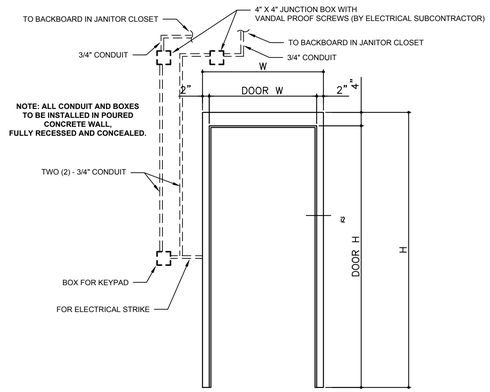
1) Utilize PVC conduits for underground and EMT for above grade work

2) Provide pull-string in each empty conduits.

3) Label & Tag each conduit & pull string.

4) All conduits bends shall be long radius bends.

5) Backboard shall be ¾” thick A/D grade plywood, painted light-gray with fire-retardant paint. Wall mount with bottom 18” AFF.



1 / E-1 DOOR LOCK DETAIL
Scale: NOT TO SCALE

ARCHITECT'S STAMP
STATE OF GEORGIA
GORDON W. SMITH JR.
7575
REGISTERED ARCHITECT
SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
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706-882-5511
www.SDGarch.net

NOTES:
1. AN EXTERIOR MAIN DISCONNECT IS REQUIRED FOR EACH SERVICE ENTRY.
2. ALL BRANCH CIRCUIT CONDUCTORS ARE TO BE MINIMUM #12 COPPER.
3. INSTALLATION OF NON-METALLIC (ROMEX) IS NOT ALLOWED.
4. IF ALUMINUM SERVICE AND FEEDER CONDUCTORS ARE USED, THE CONDUCTORS MUST BE SERIES 8000, COMPACT STRAND, WITH INSULATION TO COMPLY WITH NEC AND FIELD CONDITIONS.
5. COMPLY WITH THE REQUIREMENTS OF THE 2014 NEC, ARTICLE 517, AS IT APPLIES TO THE USE OF THIS FACILITY

REVISIONS

	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

ELECTRICAL SPECS

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
E-1

BUILDING COLUMN GROUNDING SYSTEM:

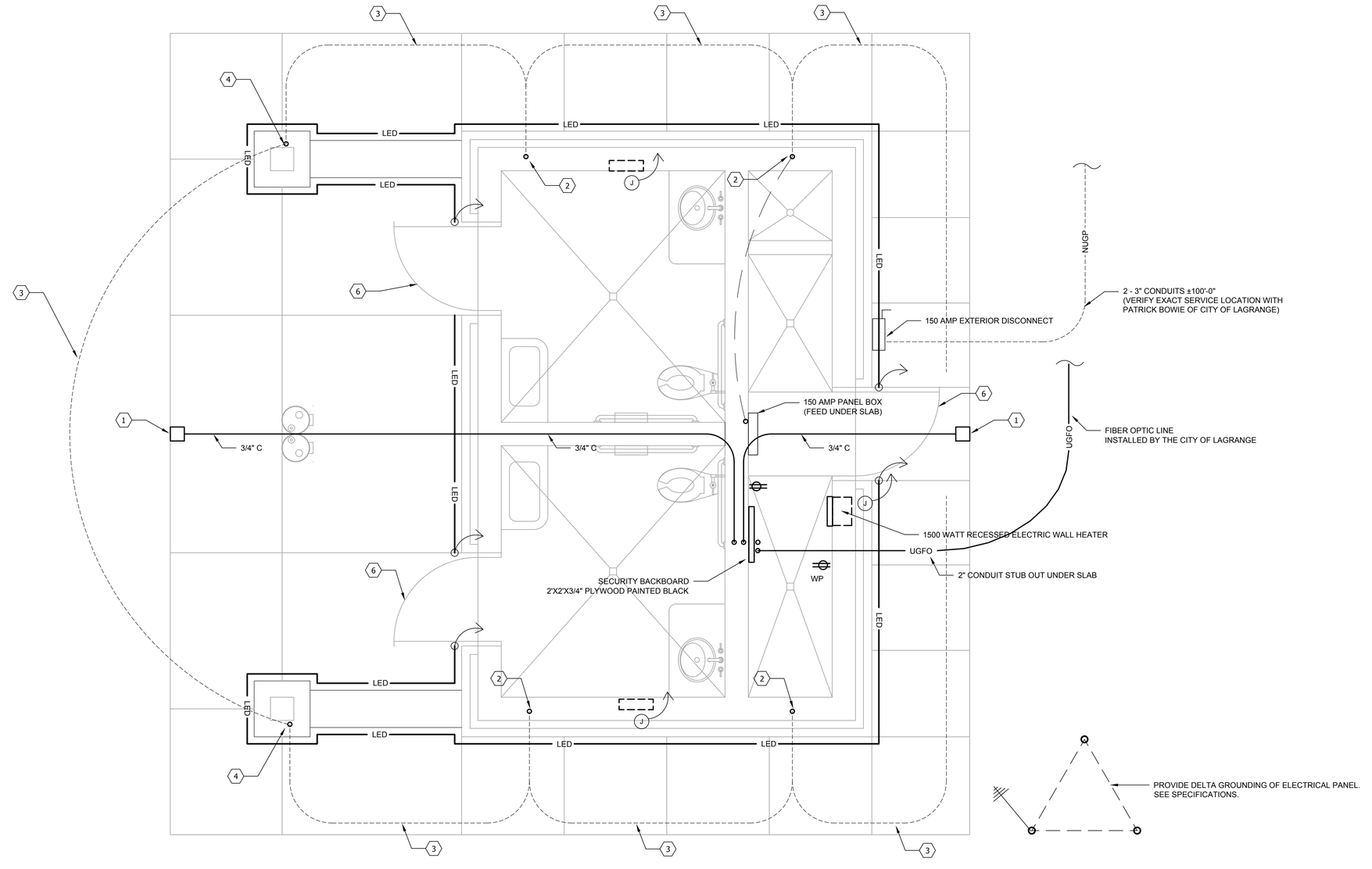
1. PROVIDE AND INSTALL 4/0 BARE COPPER WIRE AND GROUND (6) COLUMNS
2. CAD-WELD BARE COPPER WIRE TO EACH STEEL COLUMN FOOTER TO ENSURE GROUNDING SYSTEM
3. TERMINATE GROUND TO THE ELECTRICAL PANEL AND GROUND SYSTEM

LEGEND

LED — LED TAPE LIGHTS UNDER CAST STONE LIP. ON WITH PHOTO CELL, OFF WITH TIMER.

KEYNOTES

1. 3/4" CONDUIT (CONCEALED) WITH PULL STRING FROM SECURITY BACKBOARD TO RIDGE EDGE AT TOP OF ROOF FOR FUTURE SECURITY CAMERA. PROVIDE DUPLEX OUTLET BOX WITH METAL WEATHERPROOF COVER.
2. 1-1/4" C FOR GROUNDING OF STEEL COLUMNS ON TOP OF CONCRETE WALL
3. GROUNDING SYSTEM - SEE NOTE THIS SHEET.
4. GROUND STEEL COLUMN - ATTACH BELOW GRADE
5. ELECTRIC HAND DRYER - VERIFY CIRCUIT SIZE AND BREAKER
6. SEE DETAIL 1/E-1 FOR DOOR SECURITY CONDUITS AND BOXES



1/E-2 POWER PLAN
Scale: 1/2" = 1'-0"

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REVISIONS

⚠	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

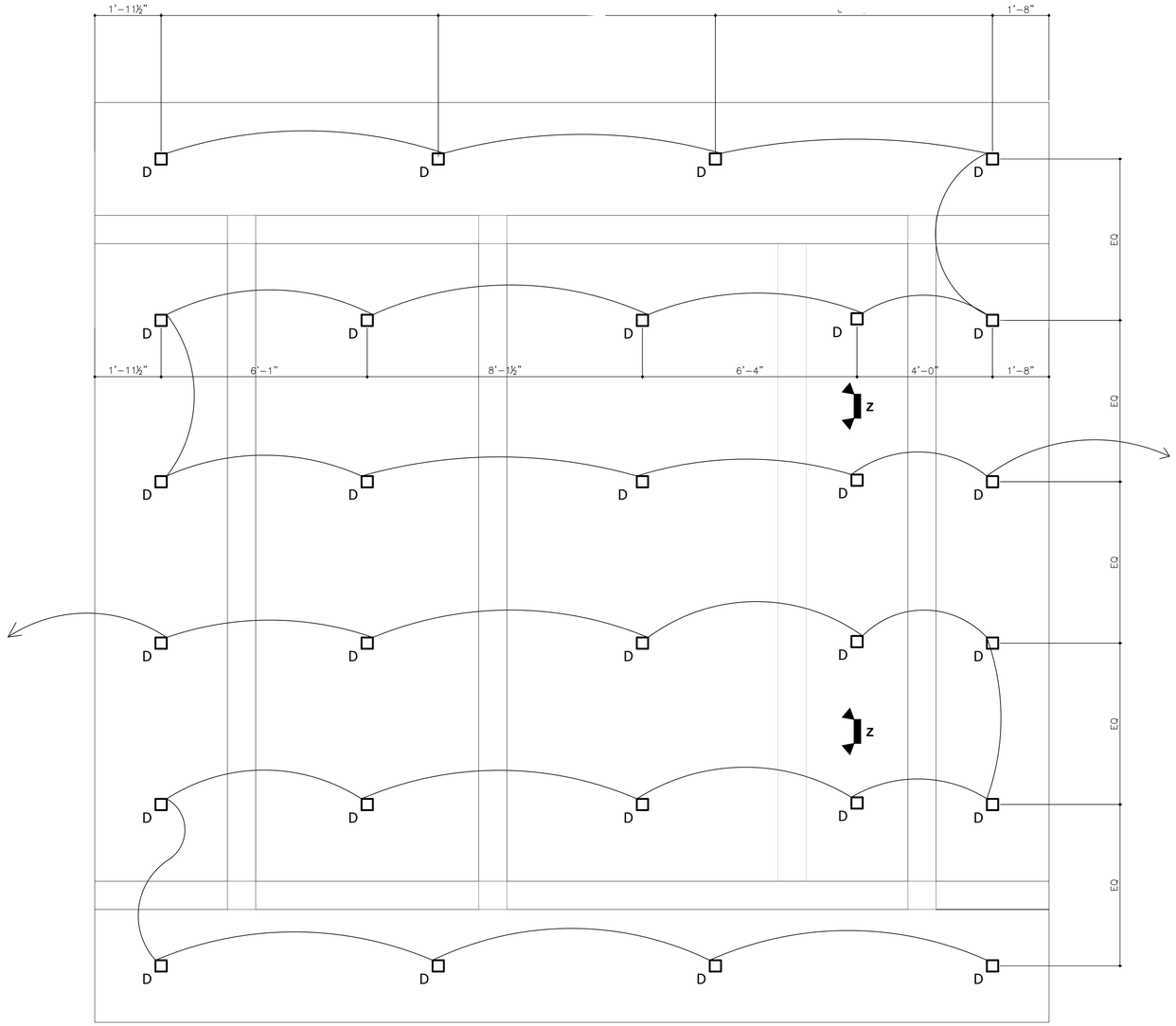
POWER PLAN

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
E-2



1 E-3 LIGHTING PLAN
Scale: 1/2" = 1'-0"

LEGEND

4" SQUARE RECESSED EXTERIOR LED DOWNLIGHT
(ON WITH PHOTOCELL / OFF WITH TIME CLOCK)

KEYNOTES

1. 36" LED FIXTURES ON OCCUPANCY SENSOR, WALL MOUNTED ABOVE DOOR
2. CEILING MOUNTED EMERGENCY LIGHT

NOTE:
SEE SHEET E-2 FOR POWER PLAN
FOR LOCATION OF LED STRIP LIGHTS.

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STATE OF GEORGIA
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7575
REGISTERED ARCHITECT
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1 A5-1 0.00' FINISH FLOOR

REVISIONS

⚠1	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

LIGHTING PLAN

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
E-3

G.C. TO VERIFY ALL FINISHES / COLORS OF ALL FIXTURES WITH OWNER

LIGHTING FIXTURE SCHEDULE (Design based on Specs) - OTHER MANUFACTURERS ACCEPTABLE

- SINGLE NUMERAL PREFIX IN LAMP COLUMN INDICATES NUMBER OF LAMPS IN FIXTURE (3-F40WW). NO PREFIX INDICATES SINGLE LAMP (150A-A19).
- MOUNTING HEIGHTS AND DETAILED INFORMATION ARE INDICATED IN REMARKS COLUMN.
- USE THE FOLLOWING MOUNTING ABBREVIATIONS: C=CEILNG R=RECESSED S=SURFACE W=WALL T=TRACK

SYMBOL	TYPE	MANUFACTURER	CATALOG NUMBER	VOLTS	LAMP	MTG	REMARKS
	D	LITHONIA, NANO		120	4100 K (LED)	R	EXTERIOR DOWNLIGHT FIXTURE (4 INCH RECESSED WITH BLACK TRIM)
	D1	LITHONIA	LED SURFACE MOUNTED	120	4100 K (LED)	S	BLACK TRIM / ON DIMMERS
	H	LITHONIA	FMVCCL 36IN. MVOLT 40K 90 CRI BN	120	4100 K (LED)	W	ONE LAMP, MOUNTED EACH SIDE OF MIRROR, FIXTURE 36IN HIGH
	UC	LITHONIA	UCEL (12 IN TO 48 IN) 40K 90 CRI WH	120	4100 K (LED)	S	UNDERCABINET LED (2' LONG) (3' LONG) VERIFY W/ CABINETS HARDWIRED TO WALL SWITCH (NO TOGGLE SWITCH ON FIXTURE)
	F	BIG AIR	96 IN. INDOOR METALLIC SATIN NICKEL INDUSTRIAL CEILING FAN	120	N/A	S	SET FOR MEDIUM SPEED
	X1	LITHONIA OR DUAL LITE	KSR-LED-EP	120	FURNISHED	W/C	LED EXIT SIGN
	SL	SHOP LITE	4'-0" WITH REFLECTOR		2-BULB	S	
	Z	LITHONIA	QUANTUM ELM SERIES	120/ 277	FURNISHED	S	SELF-CONTAINED NON-ADJUSTABLE TWIN HEAD EMERGENCE LIGHTING UNIT COMPLETE WITH AUTOMATIC CHARGER, 90 MINUTE LEAD CALCIUM BATTERY & HALOGEN LAMPS. MOUNT HIGHT ON WALL FOR WIDE COVERAGE.
	L	LITHONIA	E3A0904KUNA12BLD	120	4000 K	S	12" PENDANT LIGHT ON DIMMER
	TL	LITHONIA LIGHTING	OLBF 8 50K DDB	120	LED	S	EXTERIOR UPLIGHT (ON WITH PHOTOCELL, OFF WITH TIMELOCK)
	EE	LITHONIA	AFN-B-EXT	120		S	WET LOCATION - EMERGENCY EGRESS LIGHT
T1	T1	JUNO	8' SURFACE TRACK UNIT (5 LIGHTS) T252L-35K-N-BL	120		P	TRACK ON 24" HIGH PENDANT SUPPORTS
	G	LITHONIA 'GT' SERIES, METALUX, COLUMBIA DAY-BRITE, WILLIAMS, LIGHTOLIER	DESIGN BASED ON LITHONIA LIGHTING RECESSED TROFFER, LED, 2X4, 2GTL4 LP 840 NO DIMMING BALLAST REQUIRED. 4100K. - SMOOTH FLAT LENS.				
	G2	2'X2' FLAT PANEL LED FIXTURE - SMOOTH FLAT LENS, SAME AS FIXTURE 'G'.					
I	I	EXTERIOR SURFACE MOUNT DOWNLIGHT BY LITHONIA LED. (ON WITH PHOTOCELL, OFF WITH TIMECLOCK)					
P	P	PENDANT HUNG LED FIXTURE - $300 CASH ALLOWANCE PER FIXTURE (BLACK)					
	MCF64	DESIGN BASED ON MINKA AIR ARTEMIS IV-LED 64" CEILING FAN - MODEL # F903L-GM-MBK (MATTE BLACK BLADES) PROVIDE WITH LED LIGHT KIT ON SEPARATE SWITCH					
	Q52	DESIGN BASED ON QUORUM INTERNATIONAL - MODEL # 78525-67 CHATEAU 52" ANTIQUE WHITE CEILING FAN (WITHOUT LIGHT KIT)					

GENERAL NOTES

1. VERIFY ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS.
2. VERIFY LOCATIONS OF ALL MECHANICAL EQUIPMENT.
3. ALL EQUIPMENT USED SHALL BEAR THE LABEL OF A RECOGNIZED STANDARD SETTING LABOR (i.e. UL, ETC.)
4. ALL SWITCHES AND RECEPTACLES TO BE IVORY.
5. ALL EQUIPMENT AND ACCESSORIES SHALL BE NEW AND UNUSED, UNLESS OTHERWISE NOTED.
6. ALL EXTERIOR OUTLETS SHALL BE WP, GFCI.
7. NOT USED.
8. SEAL ALL PENETRATIONS OF FIRE RATED SURFACES TO MAINTAIN THE FIRE RATED INTEGRITY.
9. PROVIDE ALL LABOR AND MATERIAL NECESSARY FOR A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM.
10. MATERIALS AND INSTALLATIONS SHALL COMPLY WITH CODES, LAWS AND ORDINANCES OF FEDERAL, STATE AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
11. PROVIDE LOCAL DISCONNECT SWITCHES FOR ALL MOTORS.
12. SECURE AND PAY FOR ALL PERMITS, GOVERNMENTAL FEES, TAXES AND LICENSES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE ELECTRICAL WORK.
13. NOTIFY THE ARCHITECT/ENGINEER/OWNER OF ANY MATERIALS OR APPARATUS BELIEVED TO BE INADEQUATE, UNSUITABLE, OR IN VIOLATION OF LAWS, ORDINANCES, RULES OR REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
14. PROVIDE TEMPORARY POWER AND WIRING FOR THE PERFORMANCE OF ALL TRADES, FOR THE ENTIRE PERIOD OF CONSTRUCTION. REMOVE ALL TEMPORARY WIRING AT THE COMPLETION OF CONSTRUCTION.
15. ALL MATERIALS AND EQUIPMENT SHALL BE ERECTED, INSTALLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
16. ALL CUTTING, DRILLING AND PATCHING OF MASONRY, STEEL OR IRON WORK BELONGING TO THE BUILDING MUST BE DONE BY THIS CONTRACTOR IN ORDER THAT THIS WORK MAY BE PROPERLY INSTALLED, BUT UNDER NO CONDITIONS, MAY STRUCTURAL WORK BE CUT, EXCEPT AT THE DIRECTION OF THE ARCHITECT, DESIGNER OR THEIR REPRESENTATIVE.
17. PROVIDE "AS-BUILT" DRAWINGS AND SUBMIT TO THE OWNER.
18. IN SUSPENDED CEILINGS, SUPPORT JUNCTION AND CONDUIT BOXES DIRECTLY FROM THE STRUCTURAL SLAB, DECK OR FRAMING PROVIDED FOR THAT PURPOSE.
19. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS AND INFORM ARCHITECT/ENGINEER OF ANY CONFLICTS/DISCREPANCIES.
20. WHERE FLOOR FITTINGS REQUIRE PENETRATION OF THE FLOOR SLAB, THEY SHALL BE STANDARD DEVICE LISTED BY UL FOR THAT PURPOSE AND HAVE A UL FIRE RATING EQUAL TO THE FLOOR RATING.
21. NUMBERED CIRCUITS AND RACEWAY ROUTINGS ARE FOR CONVENIENCE OF DESIGN ONLY. ACTUAL FIELD CONDITIONS WILL VARY. INDICATE THE CIRCUIT NUMBER USED ON THE "AS-BUILT" DRAWINGS.
22. ELECTRICAL EQUIPMENT INSTALLED IN PLENUMS SHALL BE APPROVED FOR USE AS SUCH.
23. E.C. TO COORDINATE WITH LOCAL UTILITY COMPANY: TRANSFORMER, C.T. AND METER LOCATIONS AND CONNECTION REQUIREMENTS.

ELECTRIC HAND DRYER-
SEE CUT SHEET ON SHEET A2-3.

ARCHITECT'S STAMP

STATE OF GEORGIA · GORDON M. SMITH JR. · 7575 · REGISTERED ARCHITECT

SIGNATURE REQUIRED

SMITH DESIGN GROUP, INC.
206 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240

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www.SDGarch.net

REVISIONS

	DATE	DESCRIPTION

PROJECT:

TOILET FACILITIES
SOUTHBEND PARK

PIERCE STREET
LAGRANGE, GEORGIA

TITLE:

LIGHTING FIXTURES

MODIFIED DATE:

ISSUED DATE:
FOR PERMIT & BIDDING
14 FEB 2020

JOB NO:
1922

SHEET:
E-4