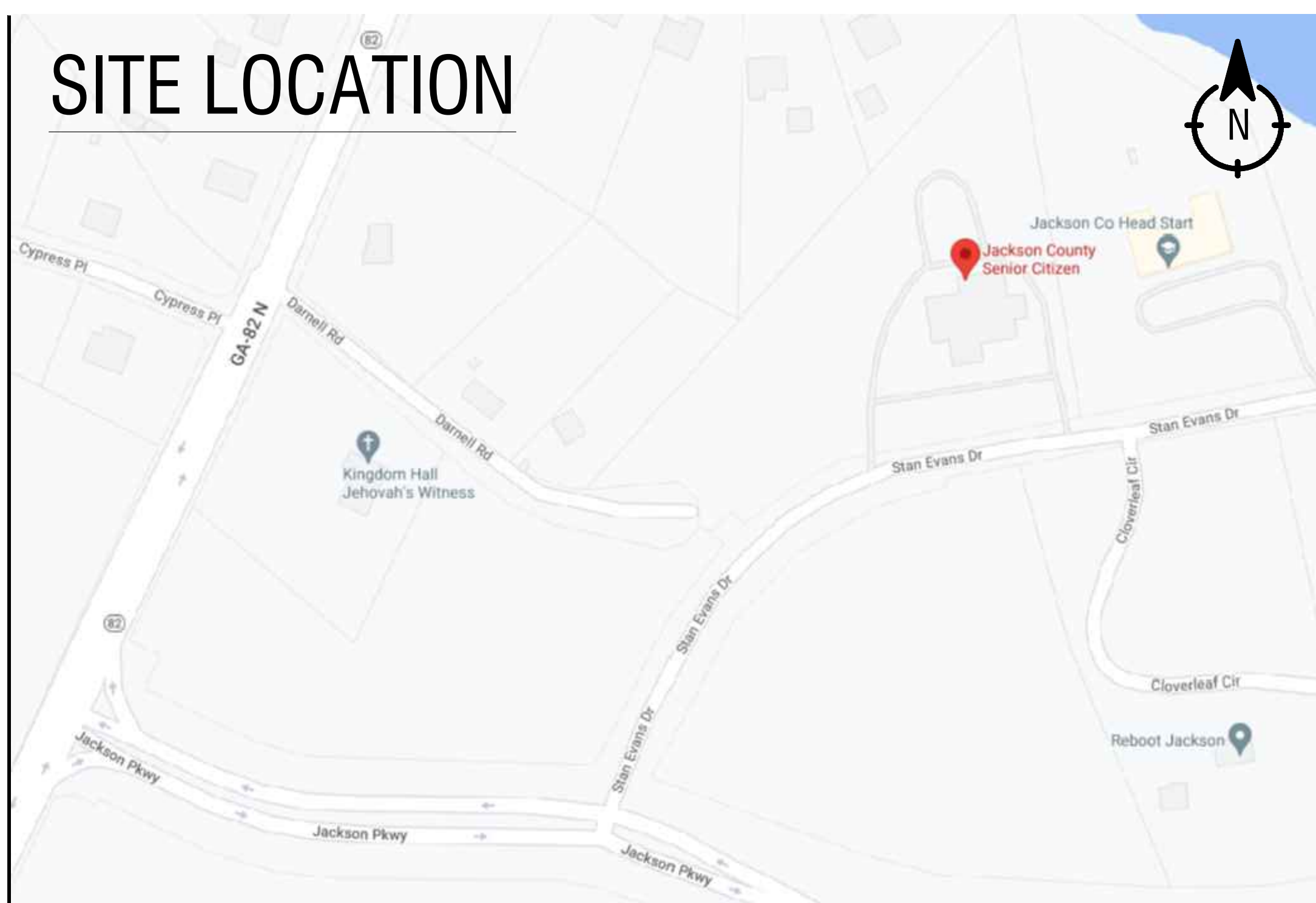
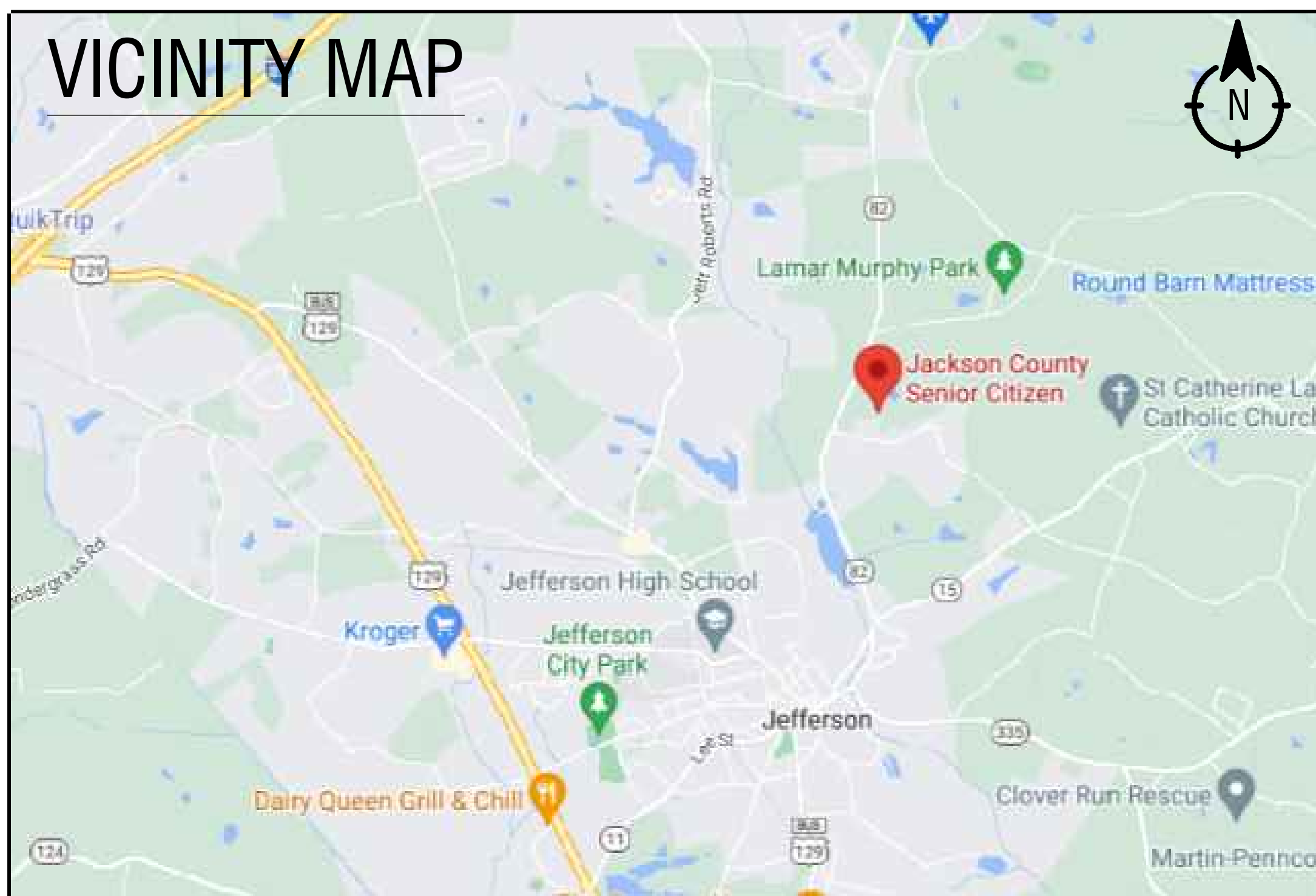


JACKSON COUNTY SENIOR CENTER

ADDRESS: 151 GENERAL JACKSON DR JEFFERSON GA 30549
 BID SET: 07.17.23



BASIC SCOPE OF WORK

INTERIOR MODIFICATIONS -
 REMOVE WAINSCOT WALL PAPERING, NEW FLOORING, NEW BASEBOARD, NEW HANDRAILS, MILLWORK, PREP AND PAINT WALLS, TRIM AND CEILINGS. IMPROVE HVAC SYSTEM.

ADDITION -
 CONSTRUCTION NEW ADDITIONS PER DRAWINGS.

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- G-001 COVER SHEET
- G-002 INFORMATION SHEET
- G-003 GENERAL NOTES
- G-004 ADA STANDARD DETAILS
- G-005 ADA DOOR CLEARANCES
- LS-001 LIFE SAFETY PLAN
- C-100 SITE PLAN

CIVIL

- C1 SITE DEVELOPMENT
- C2 EXISTING CONDITIONS & DEMOLITION PLAN
- C3 SITE PLAN
- C4 EROSION CONTROL PLAN
- C5 EROSION CONTROL DETAILS

STRUCTURAL

- S-101 FOUNDATION PLAN
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ARCHITECTURAL

- A-101 EXISTING FLOOR PLAN
- A-102 PROPOSED FLOOR PLAN
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- A-104 REFLECTED CEILING PLAN
- A-105 SECURITY CAMERA PLAN

- A-201 EXISTING ELEVATIONS
- A-202 PROPOSED ELEVATIONS
- A-203 INTERIOR ELEVATIONS
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- A-205 WINDOW AND DOOR DETAILS

- A-301 BUILDING SECTIONS AND DETAILS
- A-302 BUILDING SECTIONS CONT
- A-303 CANOPY DETAILS

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- E-1 BASEMENT & FIRST FLOOR PLAN-POWER LEGEND AND WIRING SCHEDULE
- E-2 BASEMENT & FIRST FLOOR PLAN LIGHTS, LIGHT FIXTURES SCHEDULE
- E-3 EXISTING PANEL SCHEDULES LEGEND & WIRING SCHEDULE
- E-4 ELECTRICAL NOTES ELECTRICAL SPECIFICATIONS

MECHANICAL

- M-1 BASEMENT & FIRST FLOOR PLAN- HVAC, LEGEND, & SCHEDULES
- M-2 HVAC GENERAL NOTES

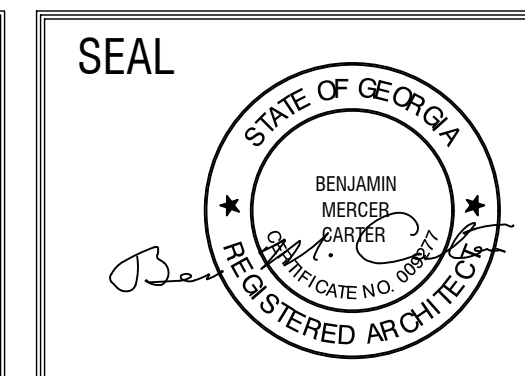
PLUMBING

- P-1 BASEMENT AND FIRST FLOOR PLAN SANITARY & RISER
- P-2 BASEMENT AND FIRST FLOOR PLAN WATER
- P-3 PLUMBING GENERAL NOTES PLUMBING FIXTURES SCHEDULE

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
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PROJECT DATA

MATERIAL SYMBOLS

	STEEL/METAL		WOOD (IN PLAN)
	STONE		FINISH WOOD (IN SECTION)
	BRICK		ROUGH WOOD (IN SECTION)
	CONCRETE MASONRY		PLYWOOD (IN SECTION)
	SAND		GYPSUM WALL BOARD
	CONCRETE		BATT INSULATION
	GRANULAR FILL		RIGID INSULATION
	EARTH		ACOUSTICAL CEILING TILE

ABBREVIATIONS

A.C.T.	ACOUSTICAL CEILING TILE	FIN.	FINISH	RAD.	RADIUS
A.F.F.	ABOVE FINISH FLOOR	FTG.	CONCRETE FOOTING	REC.	RECESSED
ALUM.	ALUMINUM	GALV.	GALVANIZED	SCHED.	SCHEDULE
BD.	BOARD	GYP.	GYPSUM	SPEC., SPECS.	SPECIFICATIONS MANUAL
C J	CONTROL JOINT	H.C.	HANDICAP	ST.	STEEL
C.L.	CENTER LINE	H.M.	HOLLOW METAL	TYP.	TYPICAL CONDITION
CMU	CONCRETE MASONRY UNIT	HORIZ.	HORIZONTAL	VERT.	VERTICAL
COL.	COLUMN	HT.	HEIGHT	W/	WITH
CONC.	CONCRETE	INSUL.	INSULATION		
CONT.	CONTINUOUS	JAN.	JANITOR		
CORR.	CORRIDOR	JT., JTS.	JOINT, JOINTS		
D.F.	DRINKING FOUNTAIN	LAM.	LAMINATE		
DIA., DIAM.	DIAMETER	L.B.	POUND		
D.S.	DOWNSPOUT	MAX.	MAXIMUM		
E J	EXPANSION JOINT	MECH.	MECHANICAL		
ELEC.	ELECTRICAL	MTL.	METAL		
EQUIP.	EQUIPMENT	O.C.	ON CENTER		
E.W.	EACH WAY	O.H.	OVERHEAD		
F.D.	FLOOR DRAIN	PR.	PAIR		
F.E.C.	FIRE EXTINGUISHER & CABINET	PT.	PAINTED		

PROJECT INFORMATION:

OWNER

JACKSON COUNTY BOARD OF COMMISSIONERS
67 ATHENS STREET
JEFFERSON GA 30549

ARCHITECT

CARTER WATKINS ASSOCIATES ARCHITECTS, INC.
137 East Washington Street.
Post Office Box 1004
Monroe, Georgia 30655-1004
770-267-7799
Contact: Mr. Ben M. Carter, Architect

MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEER

RAJNI T. PARIKH, P.E.
ATLANTA MANAGEMENT & ENGINEERING CONSULTANTS, INC.
2081 Lullwater palce.
Lawrenceville, Georgia 30043
770-962-3636

STRUCTURAL ENGINEER

-

CIVIL ENGINEER

CIVIL SOLUTIONS, INC.
750 BELMONT ROAD
ATHENS, GA 30605

GRAPHIC SYMBOLS

	PLAN DETAIL REF.		REVISION
	SECTION DETAIL REF.		
	ELEVATION REF.		
	INTERIOR ELEVATION REF.		
	ELEVATION MARKER		
	COLUMN MARK/GRID LINE		
	NORTH ARROW		
	ROOM NAME/NUMBER REF.		
	DOOR SYMBOL		

PROJECT NOTES:

- NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
- COORDINATE ALL WORK WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL, CIVIL, AND ALL OTHER DISCIPLINES.
- STAGING AREA AND CONSTRUCTION ENTRANCE TO BE APPROVED BY OWNER PRIOR TO BEGINNING WORK.
- SEE PROJECT MANUAL AND SPECIFICATIONS FOR ALL PRODUCT INFORMATION.
- PROVIDE FURRING AND GYPSUM BOARD ENCLOSURES AT ALL FREE STANDING COLUMNS
- TYPICAL GYPSUM BOARD TO BE BEYOND BASE PLATES.
- FIRE EXTINGUISHERS AND CABINETS TO BE:
-LARSEN'S ARCHITECTURAL SERIES - PROVIDE MP-20 EXTINGUISHER IN ALL CABINETS
-PROVIDE LARSEN'S SEMI-RECESSED CABINET #2720-RL WITH DECAL
- CONTRACTOR TO PROVIDE COPY OF ALL LICENSES OF SUBCONTRACTORS WHO ARE TO WORK ON PROJECT PRIOR TO THEM STARTING.
- ALL REQUIRED TESTING TO BE BY THE GENERAL CONTRACTOR INCLUDING STRUCTURAL, SOIL COMPACTION MATERIALS, ETC.
- NO PRODUCTS CONTAINING ASBESTOS SHALL BE INSTALLED ON THIS JOB.
- NO PRODUCT CONTAINING LEAD SHALL BE USED IN THE POTABLE WATER SYSTEM, SUCH AS IN DRINKING FOUNTAINS, COPPER PIPE SOLDER JOINTS, ETC. LEAD-FREE PIPES, SOLDER AND FLUX SHALL BE USED FOR POTABLE WATER PLUMBING SYSTEM.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENVIRONMENTALLY CONTROL THE BUILDING TO INSTALL MATERIALS WHICH ARE AFFECTED BY CLIMATIC CONDITIONS (SUCH AS ACOUSTICAL CEILING TILES). IN THE EVENT THAT THE BUILDINGS NEW HVAC IS USED FOR THIS PURPOSE, THE WARRANTY SHALL NOT BEGIN UNTIL THE DATE OF SUBSTANTIAL COMPLETION.
- PROVIDE WALL TYPE DOOR STOPS AT ALL INTERIOR DOORS WHERE POSSIBLE - PROVIDE FLOOR STOPS AT OTHER LOCATIONS.
- DO NOT INSTALL ANY PIPES CARRYING WATER (PLUMBING SUPPLY, FIRE PROTECTION, HVAC PIPING) OR HVAC DUCTWORK OVER ELECTRICAL PANELS OR TRANSFORMERS.
- ALL WATER HEATERS, FLOOR MOUNTED HVAC UNITS AND ELECTRICAL PANELS SHALL BE SET ON A 6" THICK CONCRETE HOUSEKEEPING PAD.
- FIELD MEASURE/VERIFY ALL DIMENSIONS BEFORE FABRICATING OR CONSTRUCTING. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PERFORMING ANY WORK.
- ALL EXTERIOR WALLS SHALL BE SEALED TO THE UNDERSIDE OF THE ROOF.
- IN SPACES THAT DO NOT HAVE A FINISHED CEILING SCHEDULED ON THE FINISH SCHEDULE, THE WALLS SHALL EXTEND AND BE SEALED TO THE UNDERSIDE OF THE STRUCTURE ABOVE (UNLESS NOTED OTHERWISE)
- ALL NEWLY CONSTRUCTED INTERIOR WALLS SHALL RECEIVE SOUND BLANKETS/INSULATION.

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X	00-00-00	N/A			

CONSULTANTS	
Number	Remarks

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151 GENERAL JACKSON DR. JEFFERSON GA 30549

SHEET TITLE: INFORMATION SHEET
NUMBER: **G-002**
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PROJECT NOTES:

ARCHITECTURAL GENERAL NOTES

1. GENERAL CONTRACTOR IS TO COMPLY WITH ALL LOCAL BUILDING CODES AND REGULATIONS WHICH ARE PRESENTLY IN EFFECT INCLUDING IBC AND LIFE SAFETY CODE.
2. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
3. COORDINATE ALL WORK WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL, CIVIL, AND ALL OTHER DISCIPLINES.
4. STAGING AREA AND CONSTRUCTION ENTRANCE TO BE APPROVED BY OWNER PRIOR TO BEGINNING WORK.
5. CONTRACTOR TO PROVIDE ALL UTILITY LINES TO STREET AND ALL UTILITY CONNECTIONS AS REQUIRED FOR COMPLETE OPERATION.
6. SEE PROJECT MANUAL AND SPECIFICATIONS FOR ALL PRODUCT INFORMATION.
7. ALL CORRESPONDENCE DURING BIDDING AND CONSTRUCTION TO BE IN WRITING - DIRECT ALL QUESTIONS TO ARCHITECTS OFFICE.
8. PROVIDE FURRING AND GYPSUM BOARD ENCLOSURES AT ALL FREE STANDING COLUMNS
- TYPICAL GYPSUM BOARD TO BE BEYOND BASE PLATES.
9. FIRE EXTINGUISHERS AND CABINETS TO BE:
-LARSEN'S ARCHITECTURAL SERIES - PROVIDE MP-20 EXTINGUISHER IN ALL CABINETS
-PROVIDE LARSEN'S SEMI-RECESSED CABINET #2720-RL WITH DECAL
10. CONTRACTOR TO PROVIDE COPY OF ALL LICENSES OF SUBCONTRACTORS WHO ARE TO WORK ON PROJECT PRIOR TO THEM STARTING.
11. ALL REQUIRED TESTING TO BE BY THE GENERAL CONTRACTOR INCLUDING STRUCTURAL, SOIL COMPACTION MATERIALS, ETC.
12. NO PRODUCTS CONTAINING ASBESTOS SHALL BE INSTALLED ON THIS JOB.
13. NO PRODUCT CONTAINING LEAD SHALL BE USED IN THE POTABLE WATER SYSTEM, SUCH AS IN DRINKING FOUNTAINS, COPPER PIPE SOLDER JOINTS, ETC. LEAD-FREE PIPES, SOLDER AND FLUX SHALL BE USED FOR POTABLE WATER PLUMBING SYSTEM.
14. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENVIRONMENTALLY CONTROL THE BUILDING TO INSTALL MATERIALS WHICH ARE AFFECTED BY CLIMATIC CONDITIONS (SUCH AS ACOUSTICAL CEILING TILES). IN THE EVENT THAT THE BUILDINGS NEW HVAC IS USED FOR THIS PURPOSE, THE WARRANTY SHALL NOT BEGIN UNTIL THE DATE OF SUBSTANTIAL COMPLETION.
15. PROVIDE WALL TYPE DOOR STOPS AT ALL INTERIOR DOORS WHERE POSSIBLE - PROVIDE FLOOR STOPS AT OTHER LOCATIONS.
16. DO NOT INSTALL ANY PIPES CARRYING WATER (PLUMBING SUPPLY, FIRE PROTECTION, HVAC PIPING) OR HVAC DUCTWORK OVER ELECTRICAL PANELS OR TRANSFORMERS.
17. ALL WATER HEATERS, FLOOR MOUNTED HVAC UNITS AND ELECTRICAL PANELS SHALL BE SET ON A 6" THICK CONCRETE HOUSEKEEPING PAD.
18. FIELD MEASURE/VERIFY ALL DIMENSIONS BEFORE FABRICATING OR CONSTRUCTING. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PERFORMING ANY WORK.
19. ALL EXTERIOR WALLS SHALL BE SEALED TO THE UNDERSIDE OF THE ROOF.
20. IN SPACES THAT DO NOT HAVE A FINISHED CEILING SCHEDULED ON THE FINISH SCHEDULE, THE WALLS SHALL EXTEND AND BE SEALED TO THE UNDERSIDE OF THE STRUCTURE ABOVE (UNLESS NOTED OTHERWISE).
21. PROVIDE JAMB ANCHOR CLIPS, FLOOR ANCHOR CLIPS AND MITERED HEAD SPLICES AT ALL DOOR AND BORROWED LIGHT FRAMES.
22. PROVIDE CAULK OR SEALANT AT ALL DISSIMILAR MATERIALS.
23. ALL NEWLY CONSTRUCTED INTERIOR WALLS SHALL RECEIVE SOUND BLANKETS/INSULATION.

- COORDINATE THE LOCATION AND MOUNTING HEIGHT OF ALL WALL MOUNTED DEVICES/LIGHT FIXTURES, ETC., WITH THE OWNER.
12. ALL WALL SWITCHES ARE TO BE MOUNTED 3'-6" A.F.F. TO CENTERLINE OF BOX.
 13. ALL THERMOSTATS ARE TO BE LOCATED ADJACENT TO SWITCHES.
 14. ANY SWITCH / COVER PLATE OCCURRING ON PAINTED WALL TO BE STAINLESS STEEL. UNLESS DIRECTED OTHERWISE BY OWNER.
 15. WALL SWITCHES ARE TO BE INSTALLED ADJACENT TO A CORNER OR DOOR CASING.
 16. USE GANG PLATES AND BOXES WHERE MULTIPLE DEVICES ARE USED IN CLOSE PROXIMITY TO ONE ANOTHER.
 17. PROVIDE METAL DIVERTER OVER THE TOP OF ALL ELECTRICAL PANELS.

FIRE DEPARTMENT NOTES

1. FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A SHALL BE PROVIDED WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR OR BUILDING DEPARTMENT INSPECTOR.
2. PROVIDE EXIT SIGN WITH 6" LETTERS OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS AS REQUIRED BY BUILDING DEPARTMENT INSPECTOR OR FIRE DEPARTMENT FIELD INSPECTOR. CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS. COMPLY WITH BUILDING CODES.
3. PROVIDE EMERGENCY LIGHTING OF ONE FOOT-CANDLE AT FLOOR LEVEL. COMPLY WITH BUILDING CODES.
4. MAINTAIN AISLES AT LEAST 44" WIDE AT PUBLIC AREAS.
5. EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT, SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
6. EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHEN SERVING 50 OR MORE PERSONS AND IN ANY HAZARDOUS AREA.
7. INTERIOR WALL AND CEILING FINISHES FOR EXIT ACCESS CORRIDOR SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING:
 - A. CLASS 1, FLAME SPREAD 0-25, SMOKE DENSITY 150, FOR MATERIALS INSTALLED IN VERTICAL EXITS.
 - B. CLASS II, FLAME SPREAD 26-75, SMOKE DENSITY 300, FOR MATERIALS INSTALLED IN HORIZONTAL EXITS.
 - C. CLASS III, FLAME SPREAD 76 - 200, SMOKE DENSITY 450, FOR MATERIALS INSTALLED IN ANY OTHER LOCATION.
8. PROVIDE FIRE DAMPERS OR DOORS WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS.
9. WOOD BLOCKING SHALL BE FIRE TREATED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS.
10. LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
11. EMERGENCY WARNING SYSTEMS SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.
12. THE FIRE DEPARTMENT CONNECTION SHALL BE A SIGN MOUNTED IN AN APPROVED LOCATION. SUCH SIGN SHALL HAVE THE LETTERS "FDC" AT LEAST 6" HIGH AND OTHER WORDS IN LETTERS AT LEAST 2 INCHES HIGH OR AN ARROW TO INDICATE THE LOCATION. LETTERS AND NUMBERS SHALL BE WHITE IN COLOR WITH A RED BACKGROUND.
13. INSTALL KNOX BOX WITHIN 36" (HORIZ.) OF MAIN ENTRANCE DOOR AND 66" (VERT) ABOVE GRADE OR AS DIRECTED BY LOCAL FIRE MARSHAL.

ENERGY CODE NOTES

1. MATERIAL INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. WINDOWS, AND DOORS CERTIFIED AS MEETING LEAKAGE REQUIREMENTS.
3. COMPONENT R-VALUES & U-FACTORS LABELED AS CERTIFIED.
4. INSULATION INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS, IN SUBSTANTIAL CONTACT WITH THE SURFACE BEING INSULATED, AND IN A MANNER THAT ACHIEVES THE RATED R-VALUE WITHOUT COMPRESSING THE INSULATION.
5. NO ROOF INSULATION IS INSTALLED ON A SUSPENDED CEILING WITH REMOVABLE CEILING PANELS.
6. "OTHER" COMPONENTS HAVE SUPPORTING DOCUMENTATION FOR PROPOSED U-FACTORS.
7. OUTDOOR AIR INTAKE AND EXHAUST OPENINGS IN THE BUILDING ENVELOPE ARE EQUIPPED WITH MOTORIZED DAMPERS.
8. DOORS AND SERVICE DOORS ARE WEATHER SEALED.
9. RECESSED LIGHTING FIXTURES ARE: (I) TYPE IC RATED AND SEALED OR GASKETED; OR (II) INSTALLED INSIDE AN APPROPRIATE AIR-TIGHT ASSEMBLY WITH A 0.5 INCH CLEARANCE FROM COMBUSTIBLE MATERIALS AND WITH 3 INCHES CLEARANCE FROM INSULATION MATERIAL.
10. VAPOR RETARDER INSTALLED.

ARCHITECTURAL NOTES FOR M.E.P.

1. PRIOR TO CORING SLAB, REVIEW LOCATIONS WITH CONTRACTOR AND COORDINATE LOCATIONS WITH OWNER.
2. COORDINATE INSTALLATION OF TELECOMMUNICATIONS, DATA AND SECURITY SYSTEMS WITH OWNER.
3. VERIFY EQUIPMENT SPECIFICATIONS, POWER AND INSTALLATION REQUIREMENTS WITH MANUFACTURER TO ENSURE PROPER FIT AND FUNCTION.
4. VERIFY MOUNTING REQUIREMENTS OF ELECTRICAL, TELEPHONE AND OTHER EQUIPMENT.
5. GANG ADJACENT LIGHT SWITCHES AND COVER WITH A SINGLE PLATE.
6. MOUNT STANDARD WALL OUTLETS, SWITCHES AND THERMOSTATS AT HEIGHTS REQUIRED BY ADA GUIDELINES, UNLESS OTHERWISE NOTED. WHEN THERMOSTATS AND LIGHT SWITCH OCCUR TOGETHER, INSTALL BOTH ALIGNED HORIZONTALLY WITH CENTER LINE AT +42" ABOVE FINISHED FLOOR.
7. INDICATED DIMENSIONS ARE TO THE CENTER LINE OF OUTLET OR SWITCH, OR CLUSTER OF OUTLETS OR SWITCHES, UNLESS OTHERWISE NOTED.
8. INSTALL OUTLETS ON OPPOSITE SIDES OF PARTITIONS IN SEPARATE STUD CAVITIES. DO NOT INSTALL BACK-TO-BACK.
9. PROVIDE MATCHING COVER PLATES, RECEPTACLES AND RELATED ITEMS. PROVIDE ONE-PIECE TYPE GANG COVER PLATES, UNLESS OTHERWISE NOTED.
10. IDENTIFY DEDICATED OR ISOLATED GROUND ELECTRICAL OUTLETS WITH A BLACK DOT.
11. GENERAL NOTE REGARDING PLACEMENT OF FIRE & SAFETY DEVICES: ALL DEVICES SHOULD BE LOCATED AS HIGH AS IS POSSIBLE AND AS CLOSE TO EITHER A ROOM CORNER OR TO A DOOR JAMB AS IS POSSIBLE TO AVOID POTENTIAL CONFLICT WITH EITHER ARTWORK OR FURNISHINGS. PRIOR TO ROUGH-IN, CONTRACTOR SHALL

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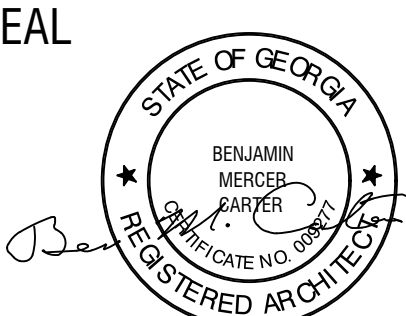
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Number	Date	Remarks	Number	Date	Remarks
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SEAL



JACKSON COUNTY SENIOR CENTER
 151 GENERAL JACKSON DR. JEFFERSON
 GA 30549

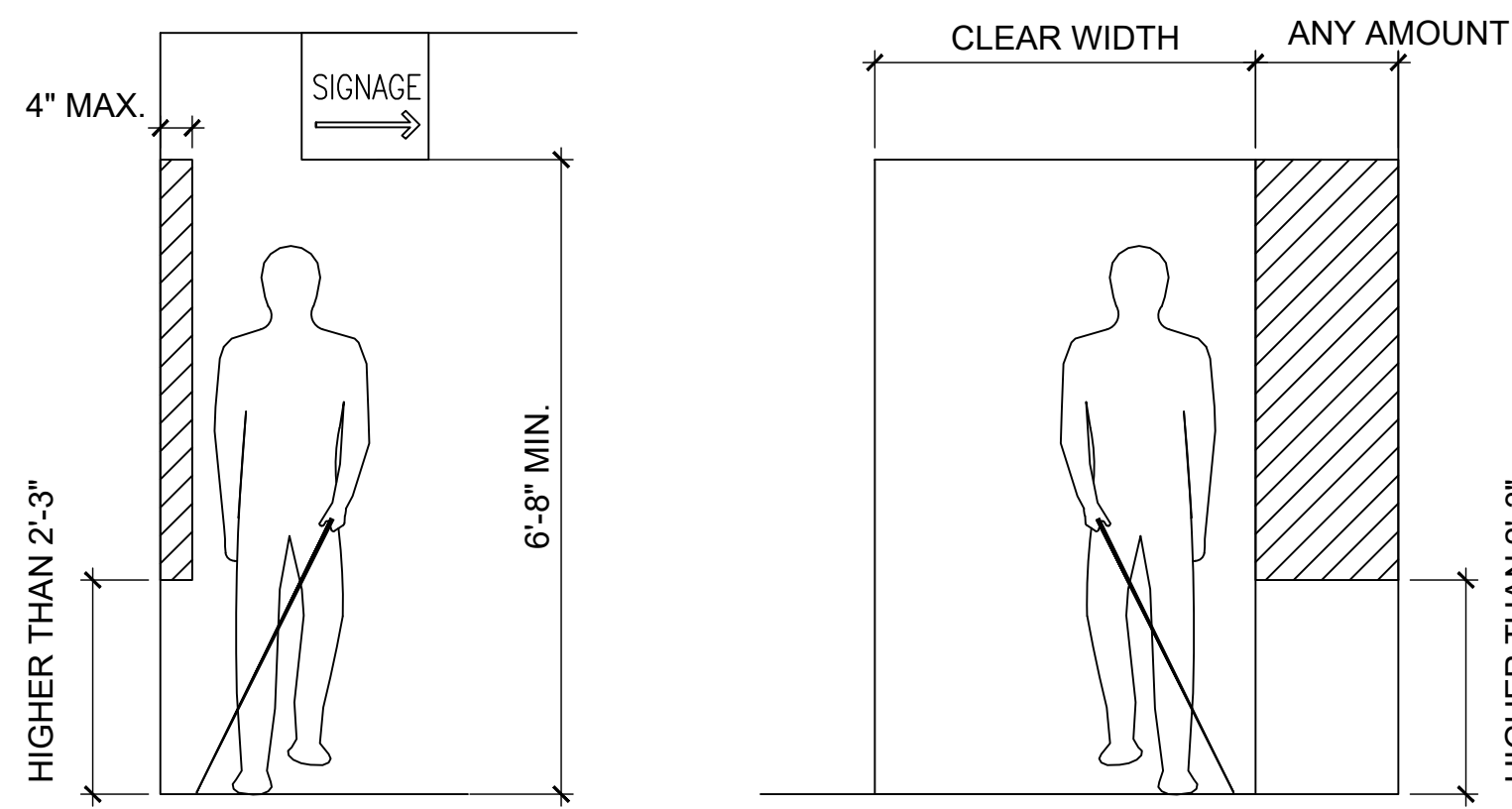
SHEET TITLE: GENERAL NOTES	NUMBER: G-003
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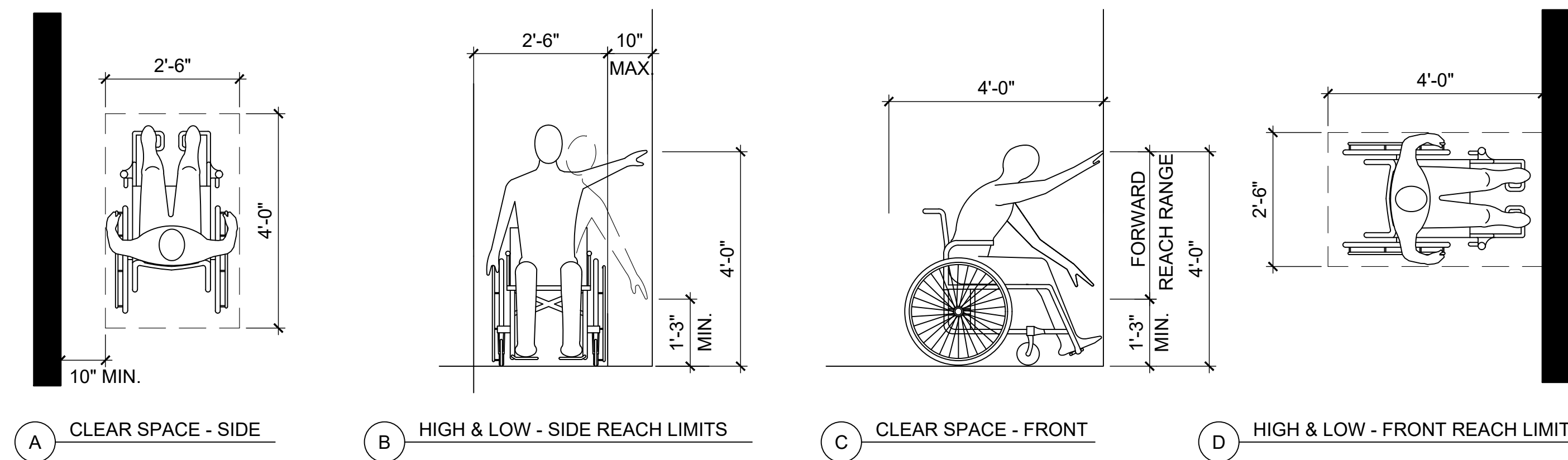
ADA COMPLIANCE NOTES:

- ADAAG 4.1.2 Accessible route:** At least one accessible route complying with Section 4.3 shall connect accessible building entrance with all accessible spaces within the building.
- ADAAG 4.17.3 Toilet staff size and arrangement:** The size and arrangement of the standard toilet staff shall comply with Figure 30(a). The toilet staff door shall swing outward and shall have a self-closing device.
- ADAAG 4.17.6 Toilet stall grab bars:** Grab bars shall conform with the length and positioning shown in figure 30(a), (b), (c) and (d). Grab bars shall also conform with ADAAG 4.26 and figure 39(c).
- ADAAG 4.15.4 Toilet room grab bars:** Accessible toilet rooms shall have grab bars that meet the requirements of fig 29.
- ADAAG 4.26.2 Grab bar spacing:** The space between the wall and the grab bar shall not be neither less nor more than 1-1/2" inches [See ADAAG figure 39(a)]. Note the 1-1/2" inch spacing shall be maintained clear of obstructions along the entire length of the grab bar.
- ADAAG 4.19.4 Hot Water Pipes:** Hot water and drain pipes under the lavatory shall be insulated or protected.
- ADAAG 4.19.5 Accessible faucets:** Faucets shall be lever-operated, push-type or electronically controlled mechanisms, or those in compliance with Section 4.27.4.
- ADAAG 4.16.5 Flush Controls:** The toilet flush controls in accessible toilet rooms shall be hand operated or automatic and shall also comply with Section 4.27.4. The flush control valves shall be mounted on the wide side of the toilet area and no more than 44 inches above the floor.
- ADAAG 4.21 Shower Stalls:** All accessible shower stalls shall comply with section 4.21 for clearances, seat arrangements, grab bars and shower controls distribution.
- ADAAG 4.15 Drinking Fountains:** All drinking fountains within the building shall be handicap accessible and shall have proper clearances per the requirements under section 4.15.
- ADAAG 4.13.9 Hardware:** Door hardware on doors to usable and occupiable spaces shall be lever-operated. The operating hardware shall be mounted no higher than 48 inches above finished floor.
- ADAAG 4.5.3 Carpet floor:** The areas with carpet floor shall have a maximum pile thickness of 1/2 inches and the carpet edges shall be fastened to the floor with a carpet edge trim that complies with section 4.5.2.
- ADAAG 4.8 Ramps:** All ramps shall have a maximum of 1:12 slope. The ramps shall have a top and bottom landings with not less than 60 inches x 60 inches and when changing directions, handrails on both sides, and minimum of 12 inch handrail extension on top and bottom.
- Refer to 2010 ADA Standards for Accessible Design and GA Accessibility Code Chapter 120-3-20 for references to figures.



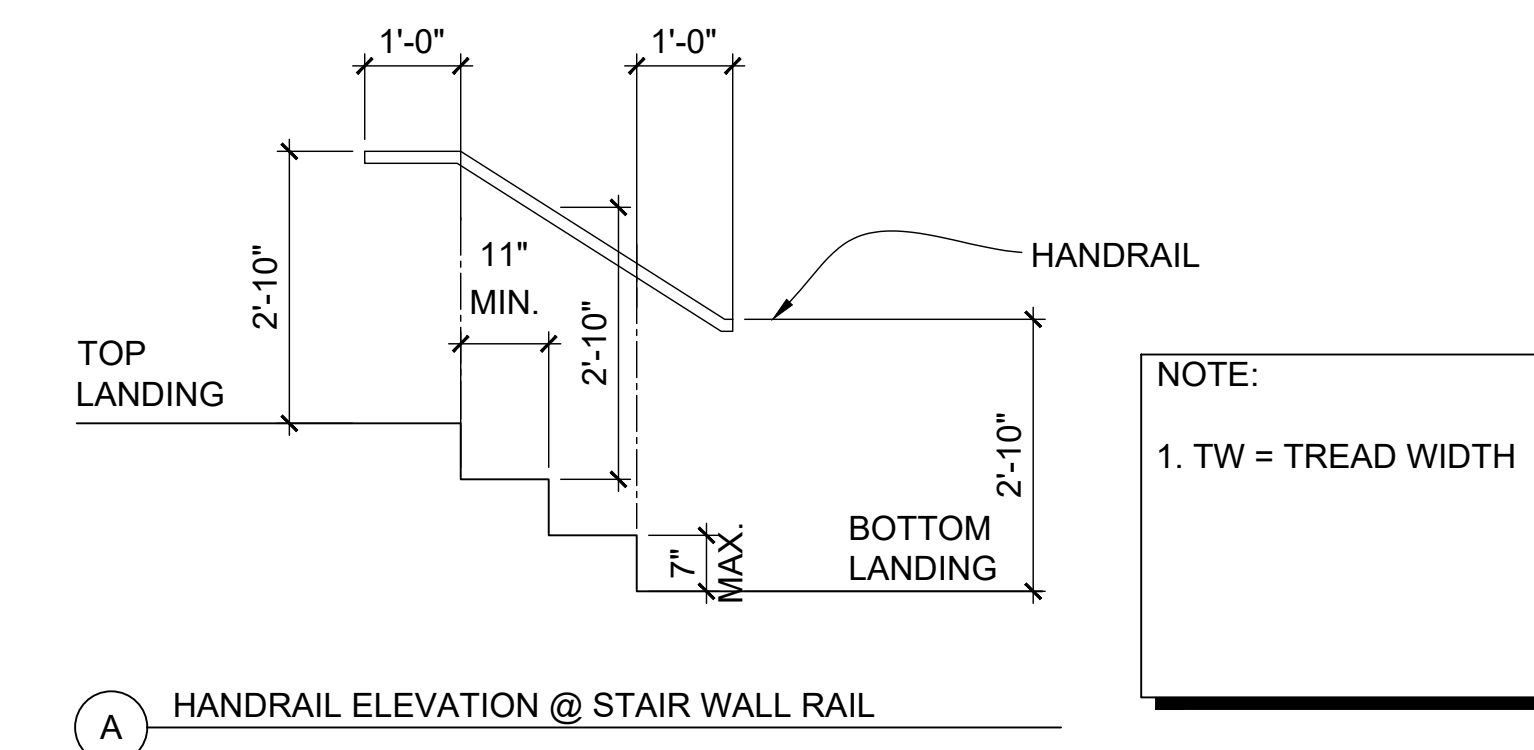
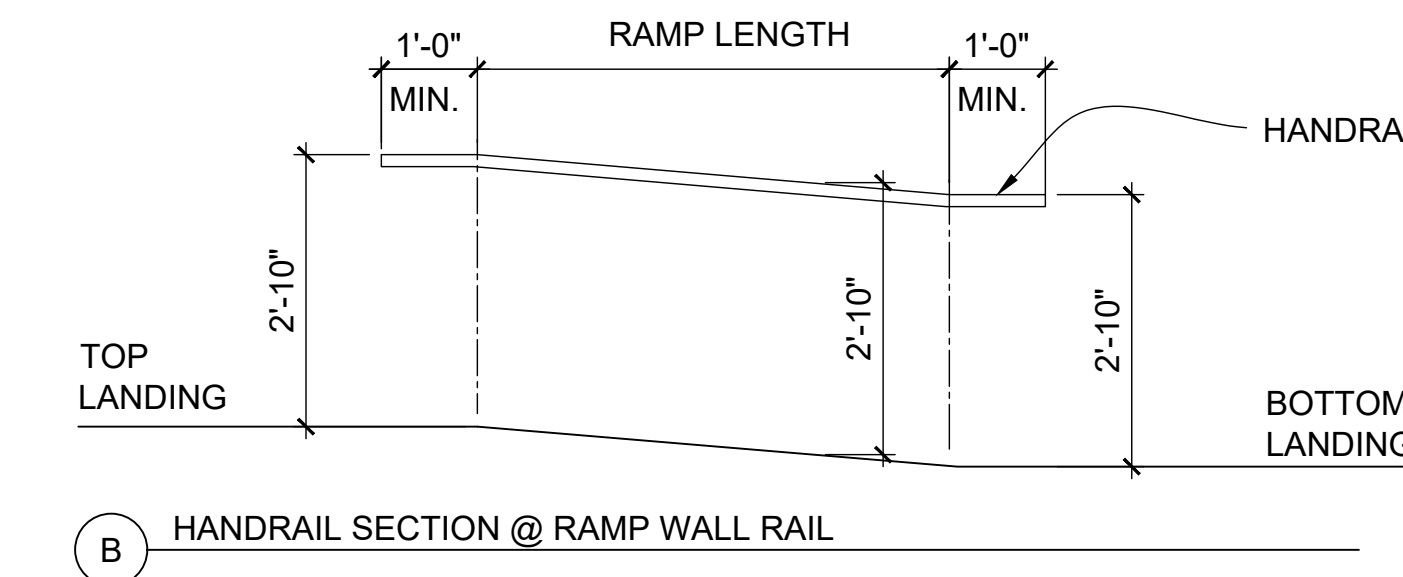
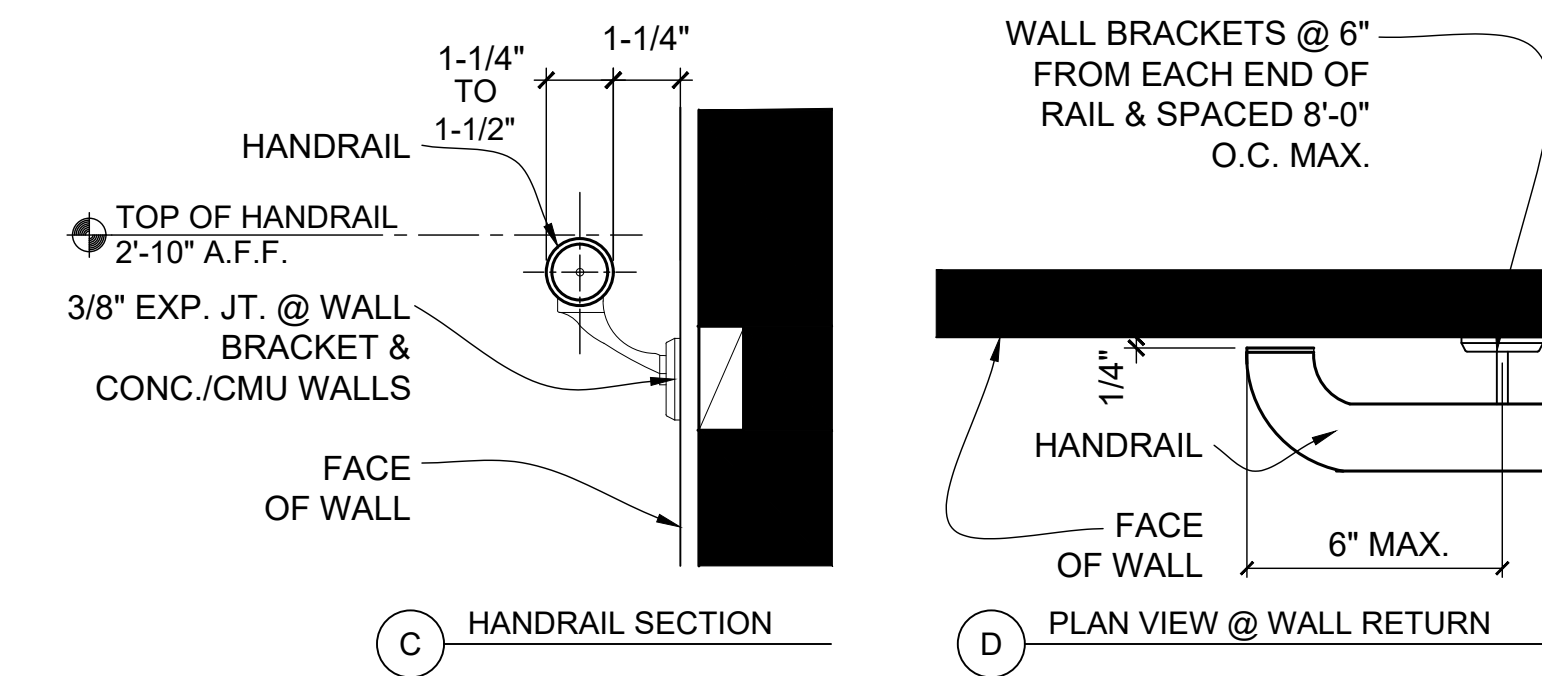
6 PROTRUDING OBJECTS

1/2" = 1'-0"



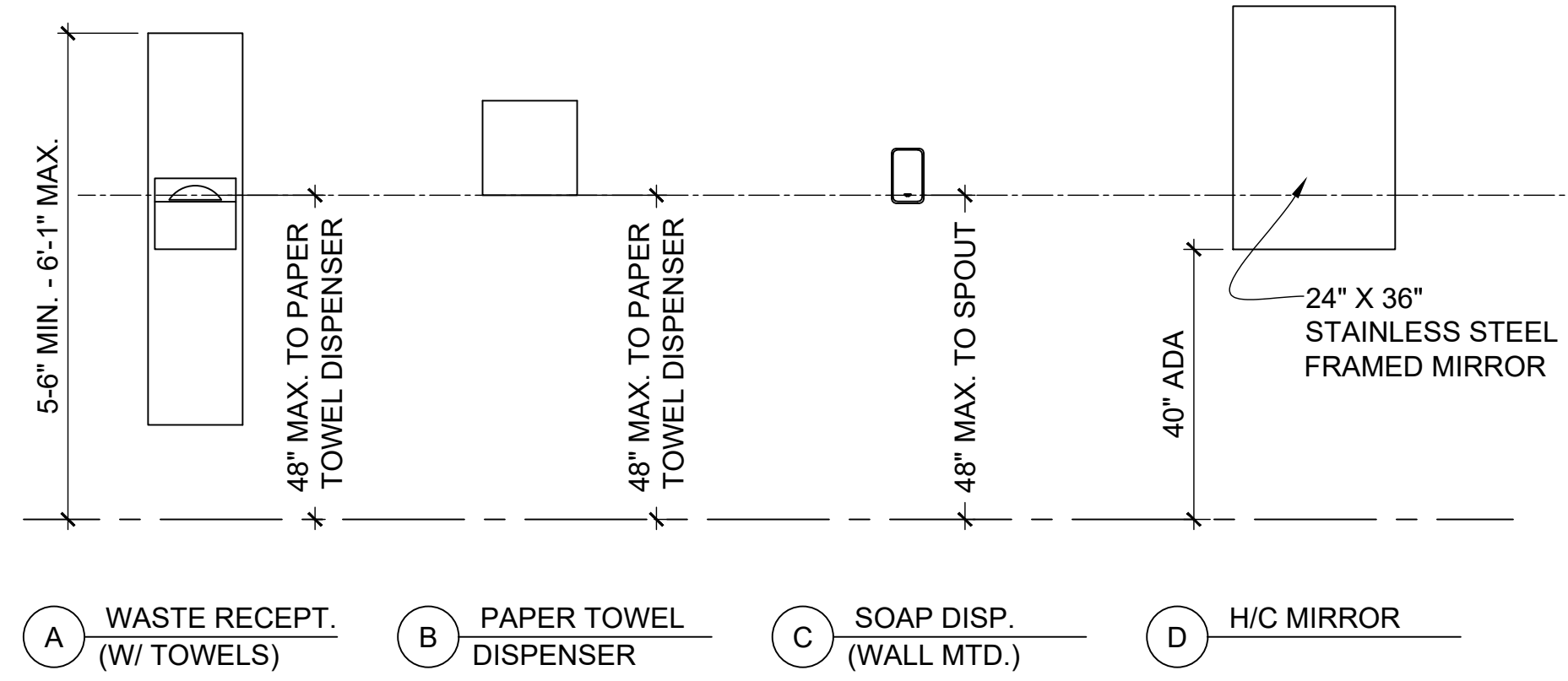
7 REACH REQUIREMENTS

1/2" = 1'-0"



5 HANDRAIL REQUIREMENTS

1/2" = 1'-0"

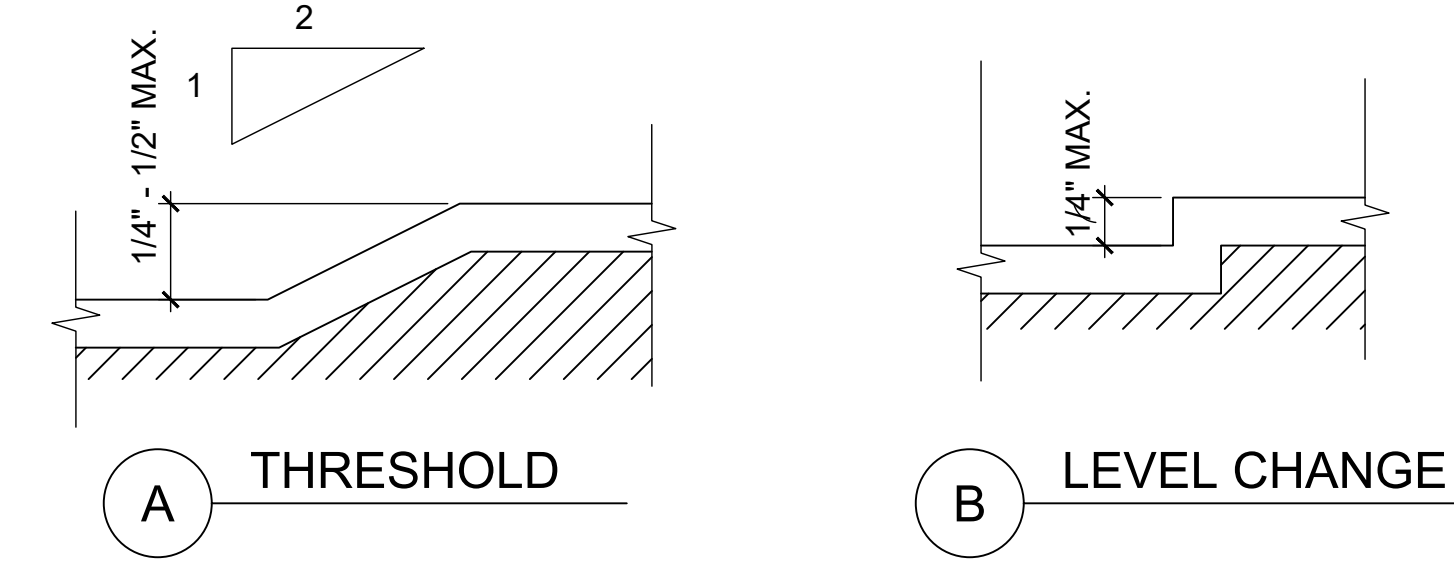


2 ACCESSORY MOUNTING HEIGHTS

1/2" = 1'-0"

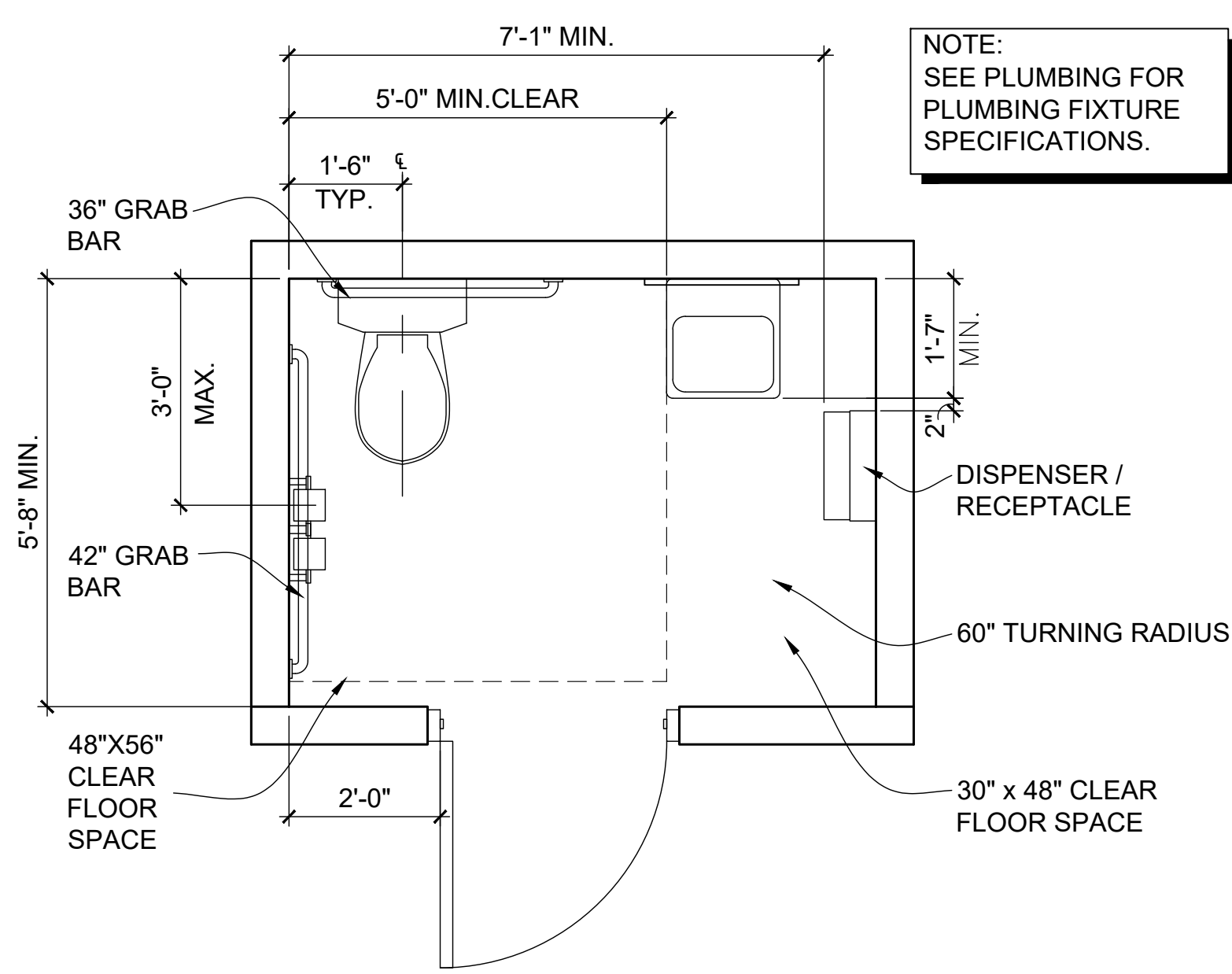
NOTES:

- ALL MOUNTING HEIGHTS TO CONFORM WITH ALL LOCAL, STATE, & FEDERAL CODES.
- NOT ALL ACCESSORIES LISTED ARE INCLUDED IN THIS PROJECT. SEE I.D. FOR REQUIRED ACCESSORIES AND LOCATIONS.
- THESE DETAILS ARE DIAGRAMMATIC ONLY AND DO NOT REPRESENT THE ACUTAL FIXTURE ELEVATION, PLAN, AND/OR SECTION.
- CONTRACTOR TO PROVIDE ADEQUATE BLOCKING IN WALLS AS REQ'D. FOR ACCESSORY INSTALLATION.



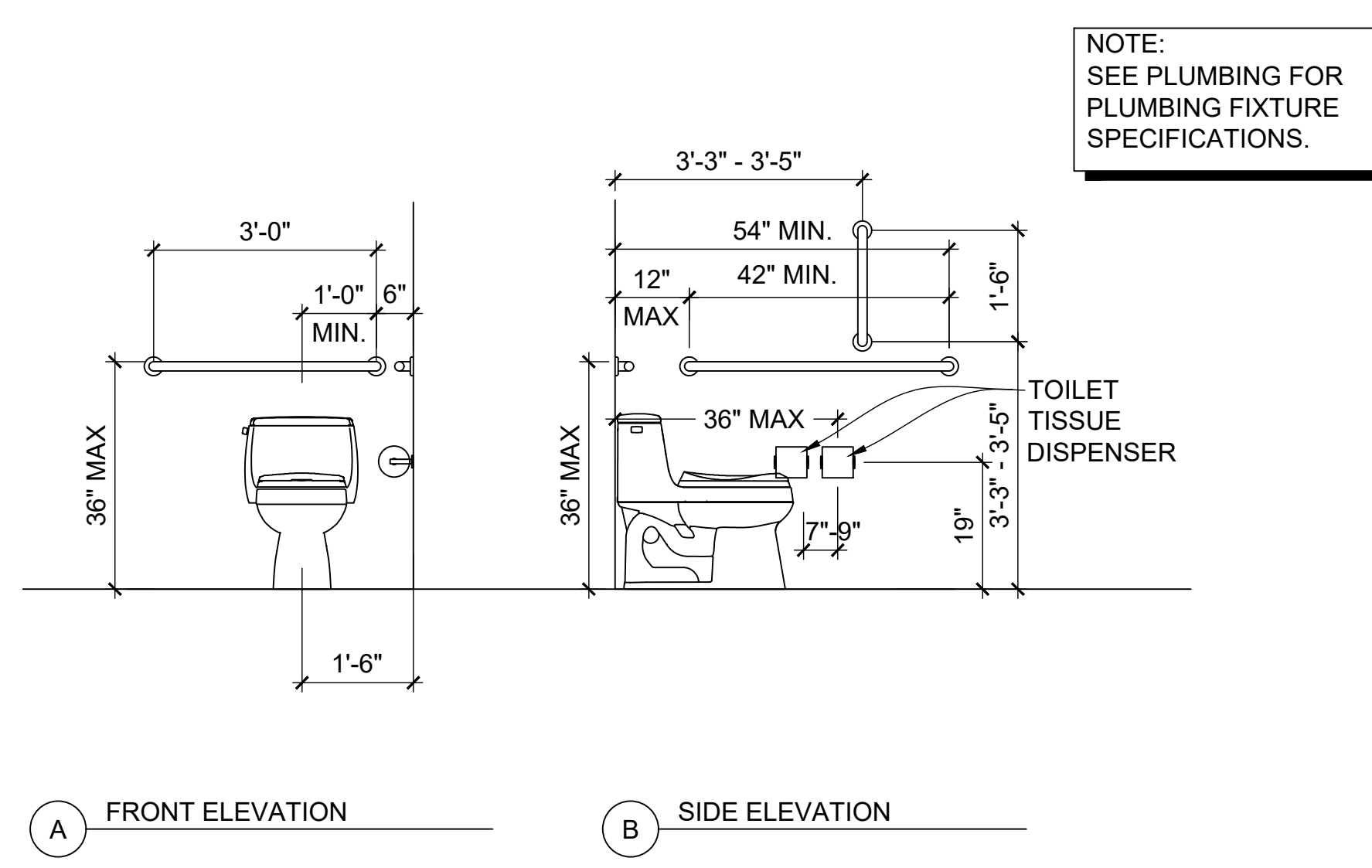
4 THRESHOLD LEVEL CLEARANCES

1/2" = 1'-0"



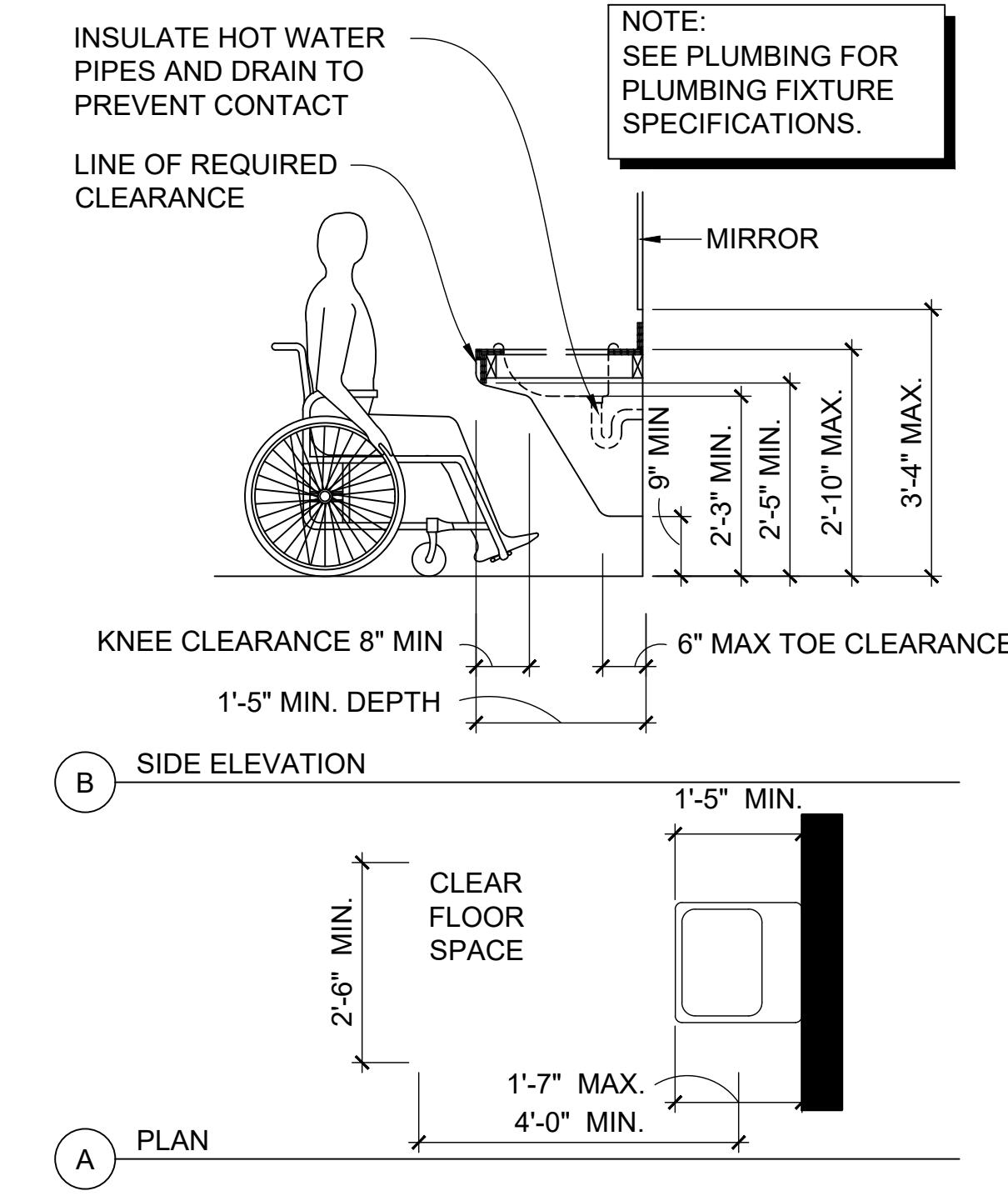
1 DIMENSIONS @ FLOOR MOUNT TOILET (SINGLE USER)

1/2" = 1'-0"



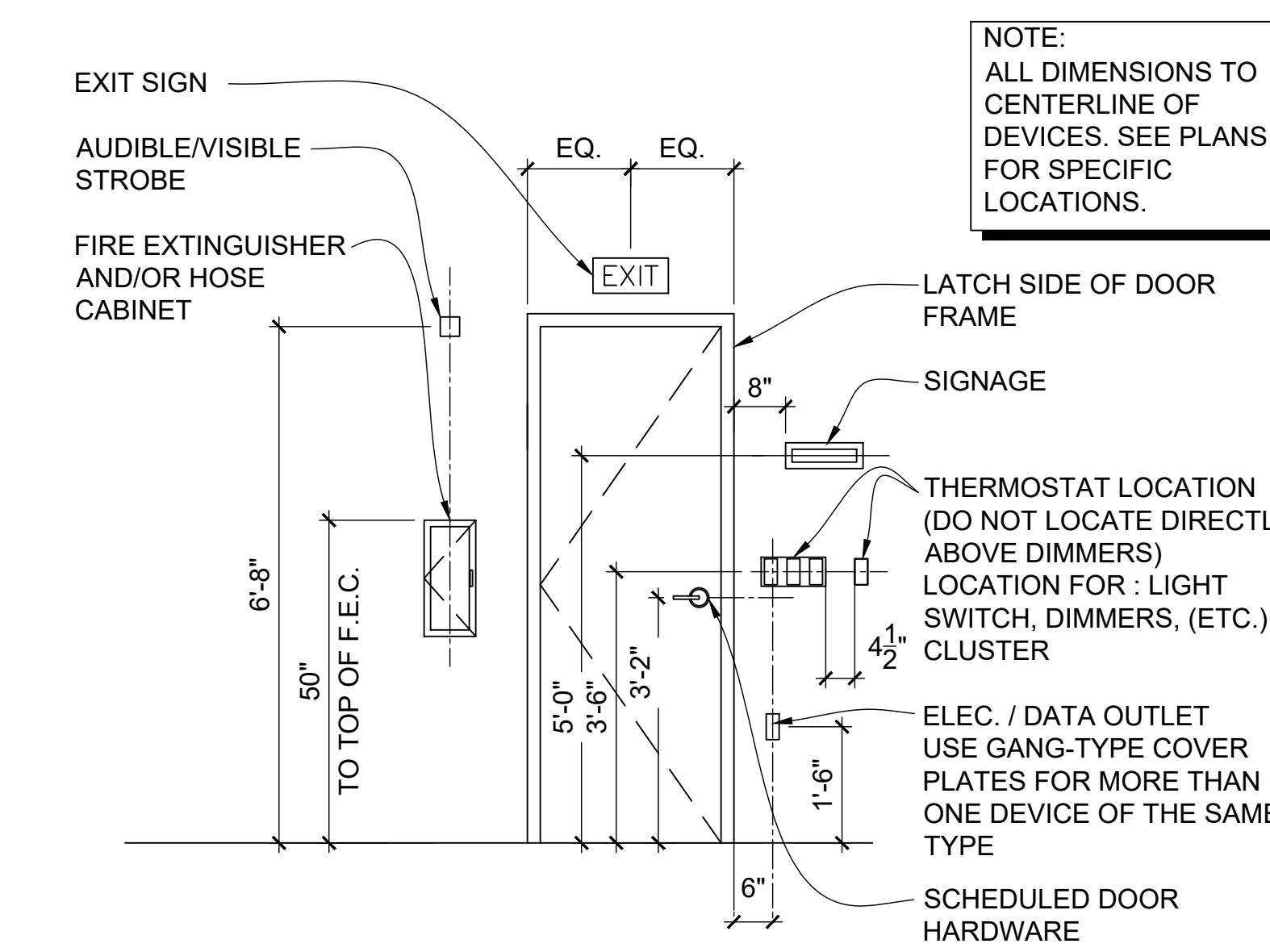
2 DIMENSIONS @ SINK

1/2" = 1'-0"



3 MISCELLANEOUS MOUNTING HEIGHTS

1/2" = 1'-0"

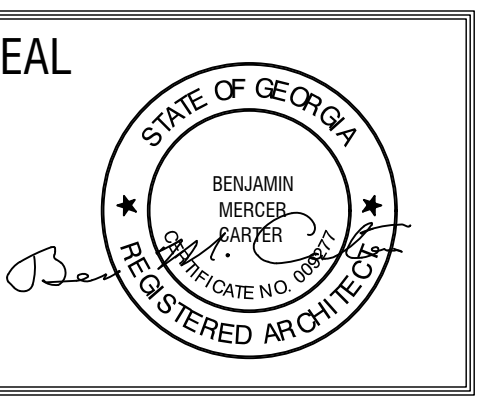


Jul 17 2023 | T:\SHARED CAD Projects\2022 Jackson County Senior Center\Sheet\G-004 ADA STANDARD DETAILS.rvt

REVISIONS			CONSULTANTS		
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS

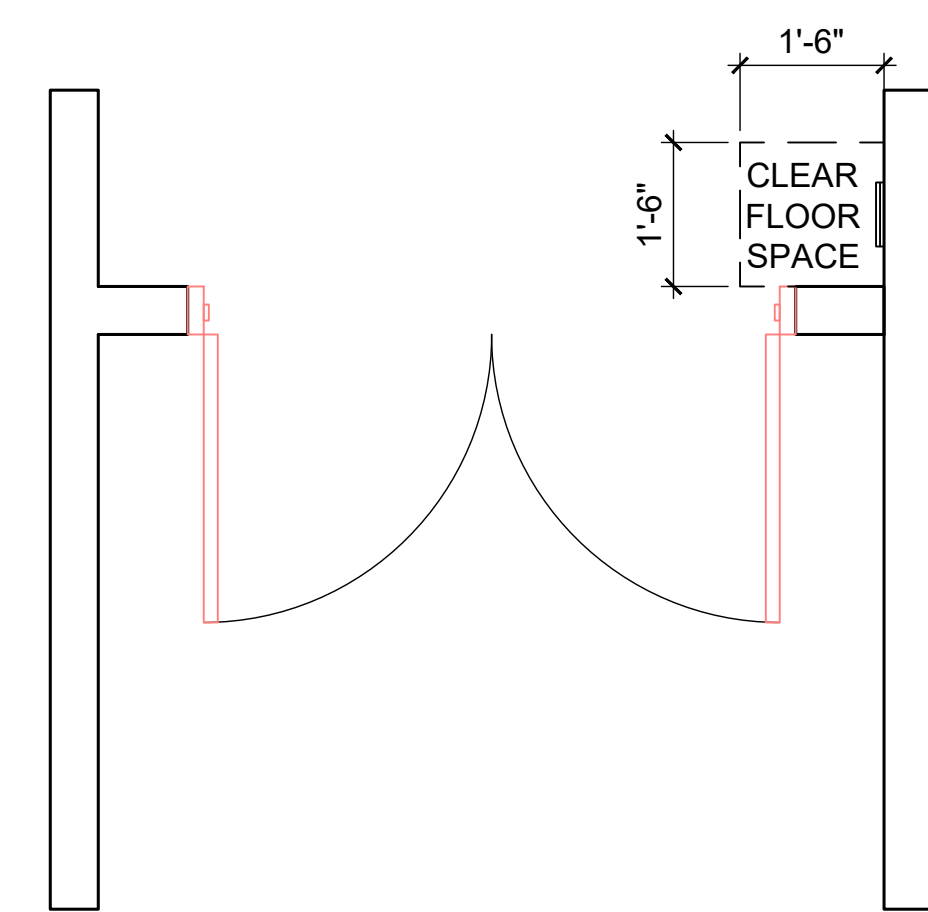
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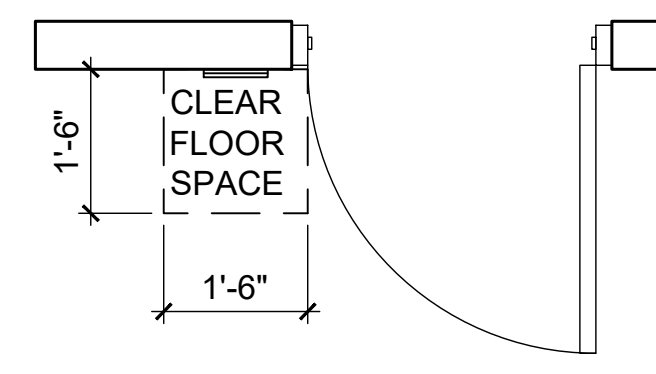
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SHEET TITLE: ADA STANDARD DETAILS
NUMBER: G-004
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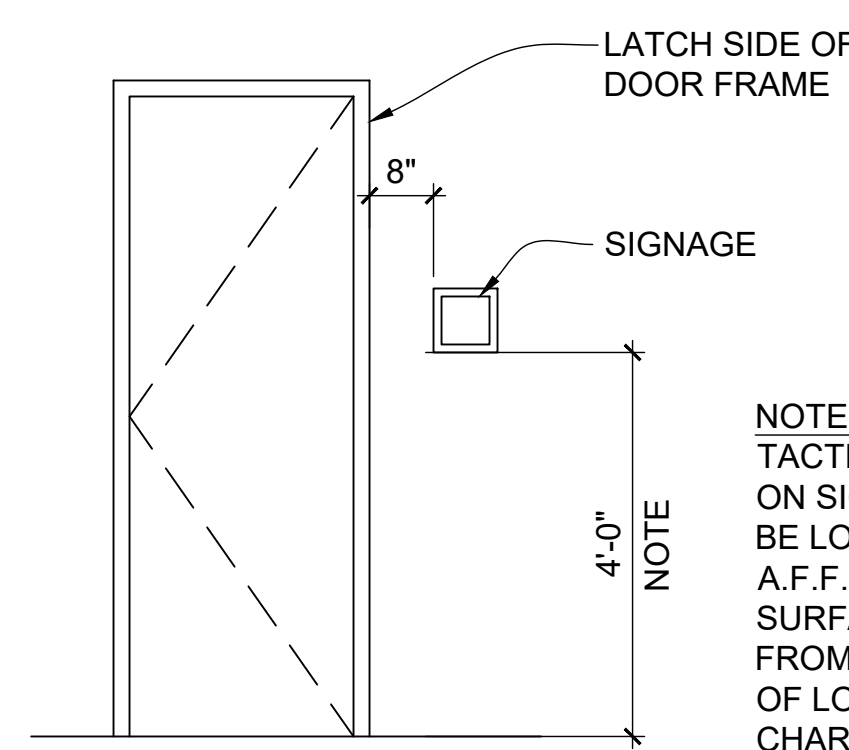
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4 FLOOR PLAN
INTERIOR MOUNTING FROM DOOR

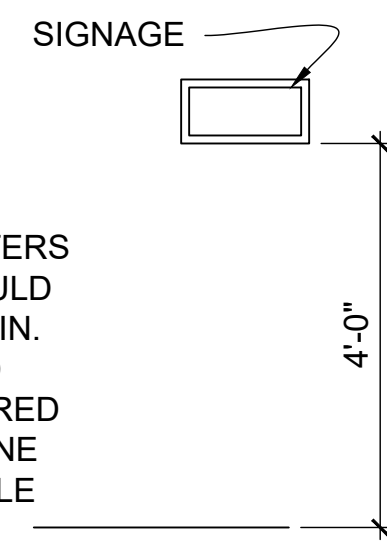


5 FLOOR PLAN
INTERIOR MOUNTING FROM DOOR JAMB

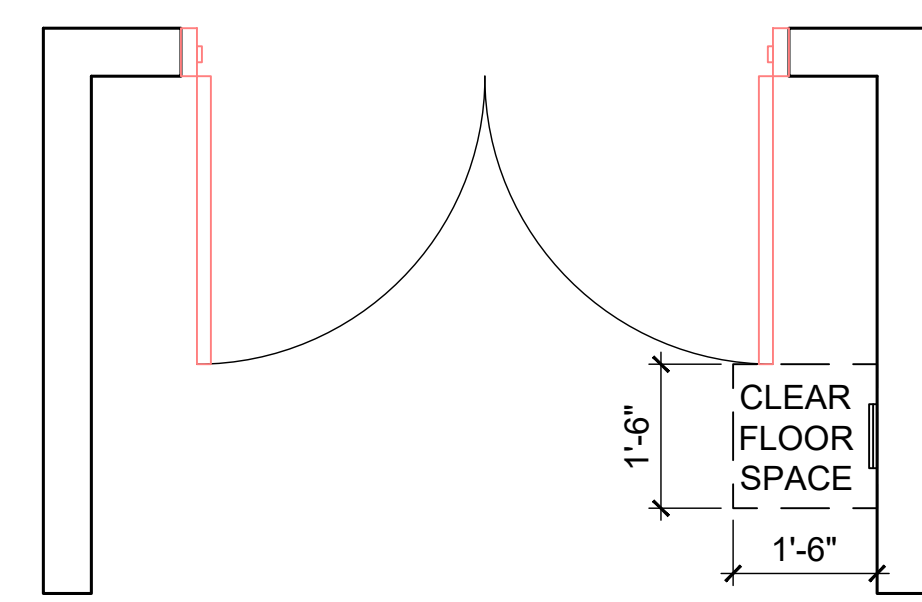


1 ELEVATION
INTERIOR MOUNTING HT.

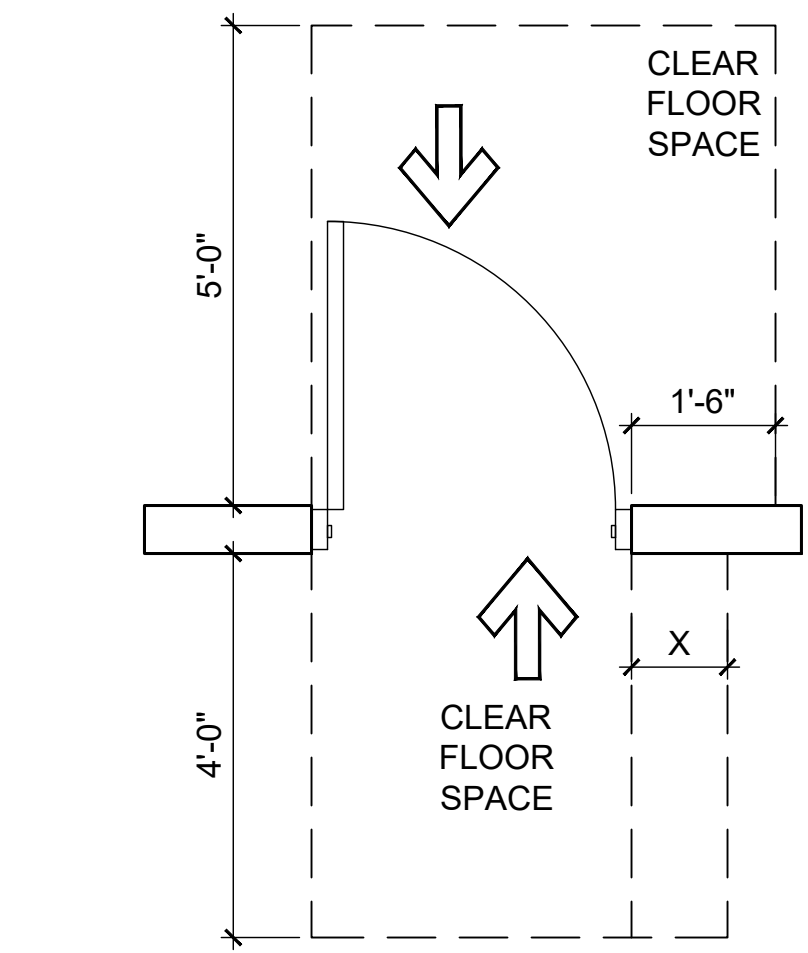
NOTE:
TACTILE CHARACTERS
ON SIGNAGE SHOULD
BE LOCATED 48" MIN.
A.F.F. OR GROUND
SURFACE, MEASURED
FROM THE BASELINE
OF LOWEST TACTILE
CHARACTER.



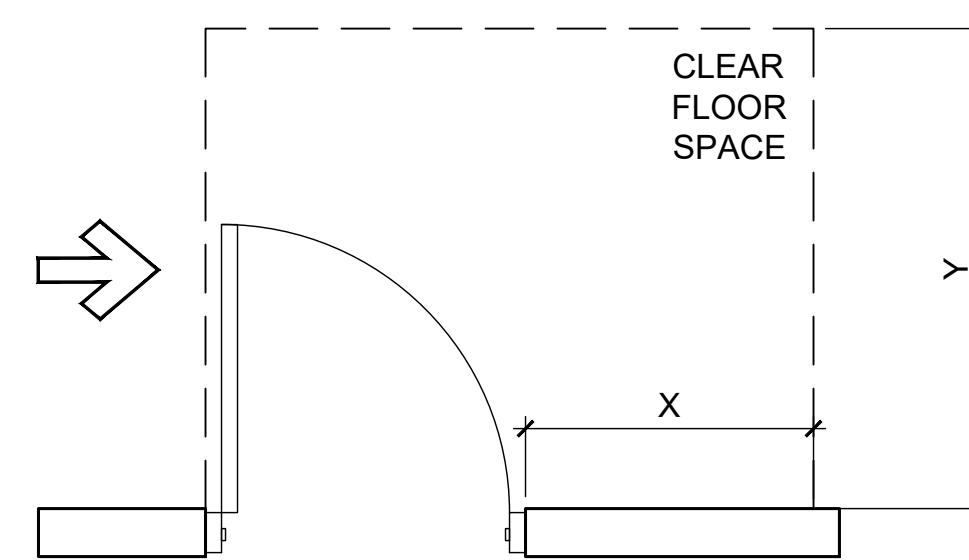
2 ELEVATION
EXTERIOR MOUNTING HT.



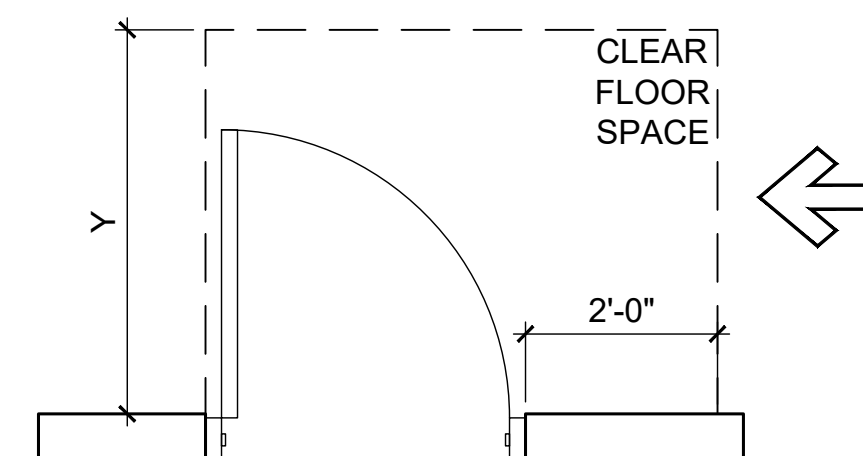
3 FLOOR PLAN
INTERIOR MOUNTING FROM DOOR



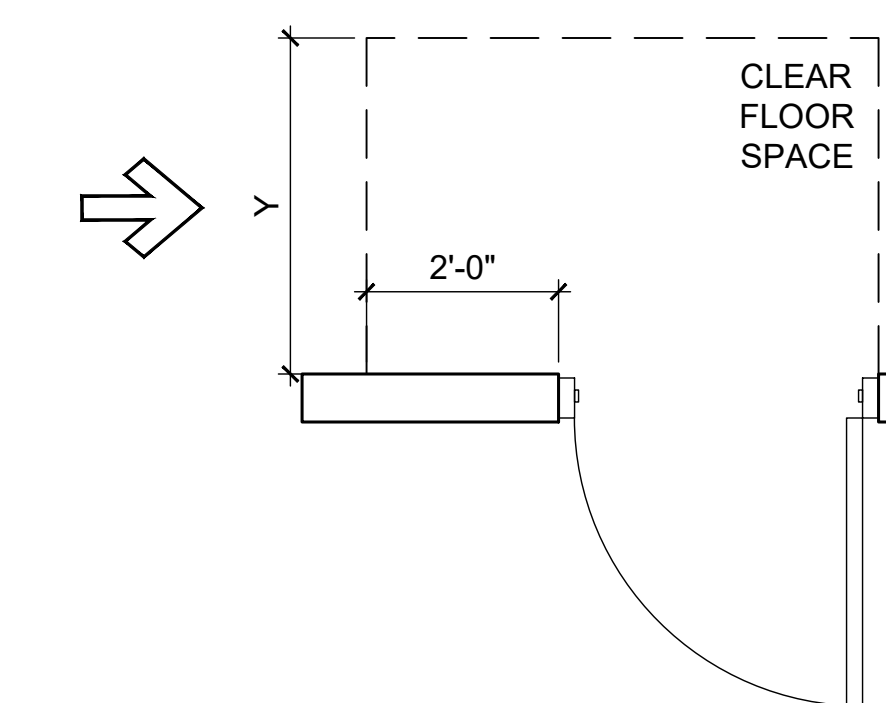
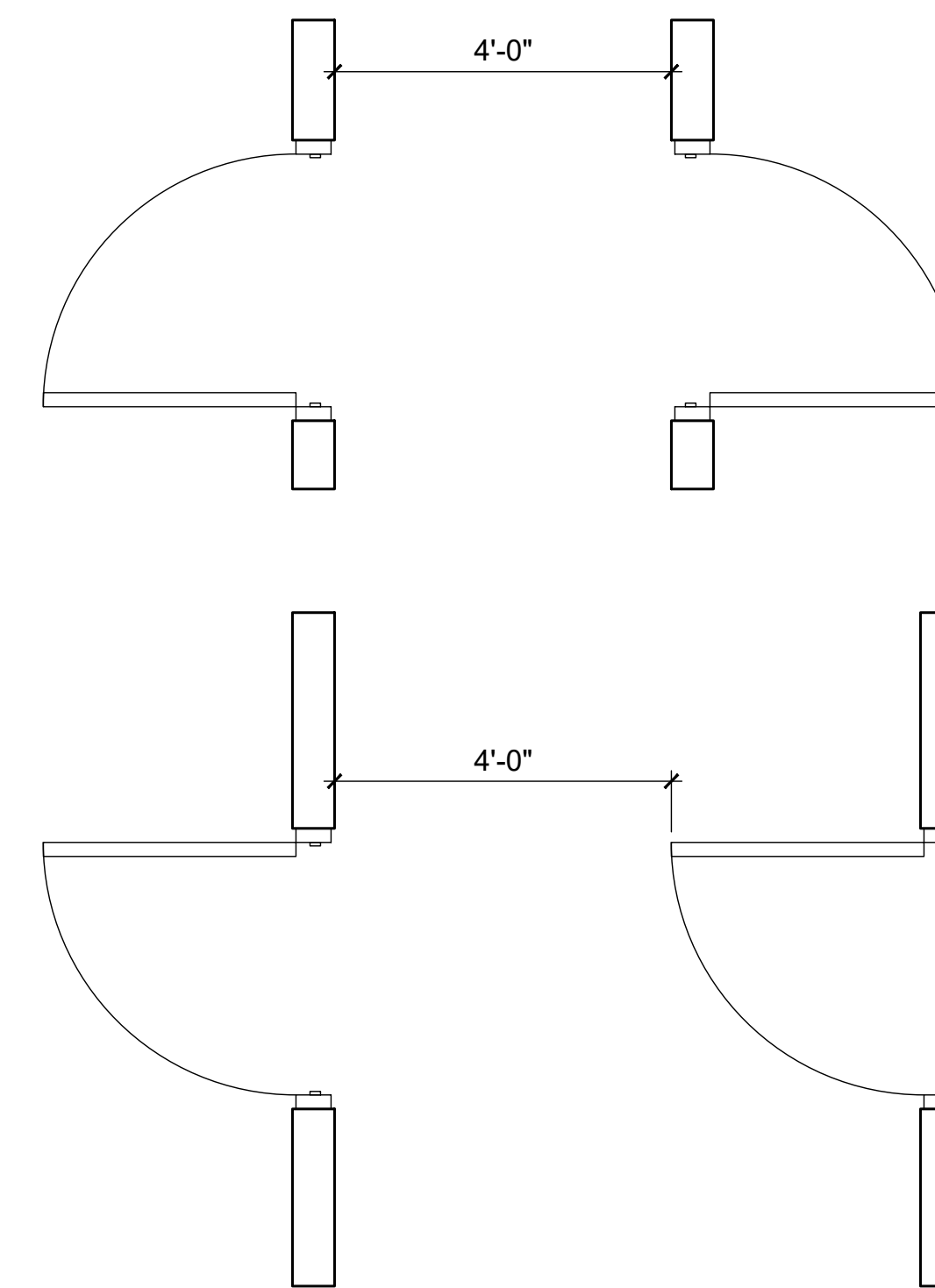
NOTE: X=1'-0" IF DOOR HAS BOTH
A CLOSER AND A LATCH



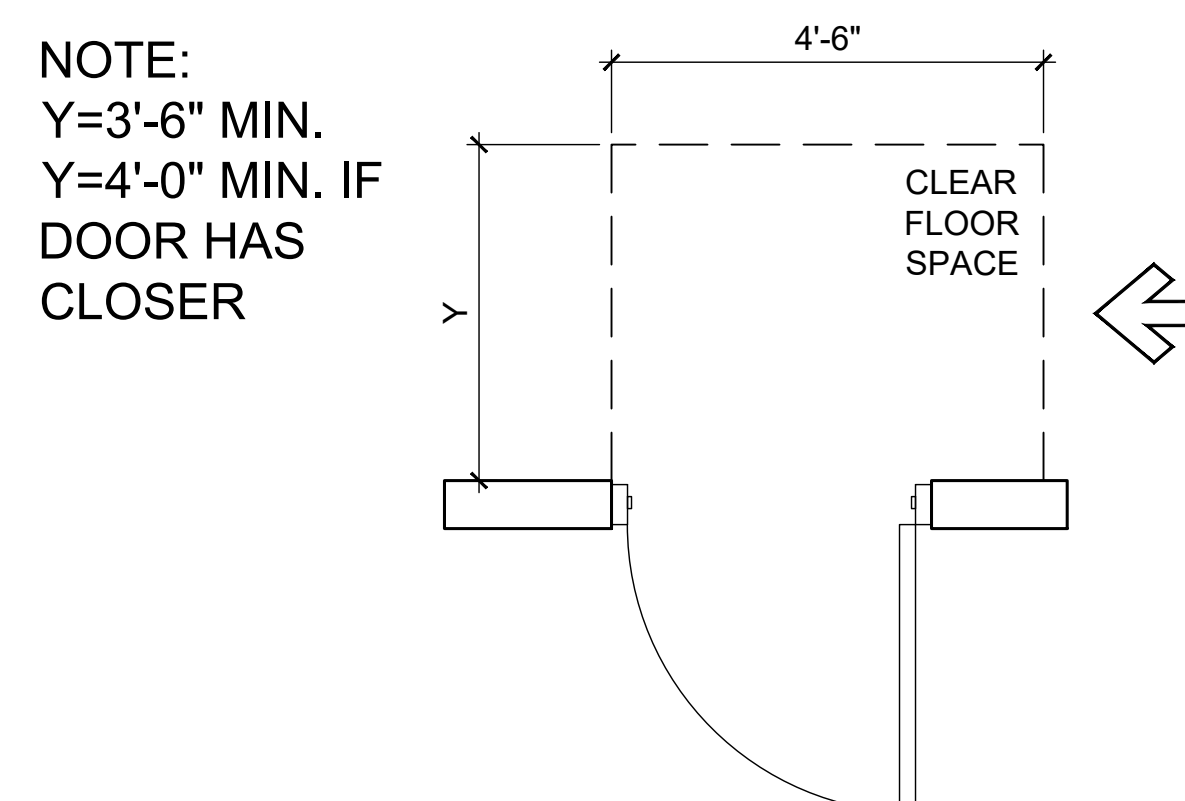
NOTE: X=3'-0" MIN. IF Y=5'-0";
X=3'-6" MIN. IF Y=4'-6"



NOTE: Y=4'-0" MIN.; Y=4'-6" MIN.
IF DOOR HAS CLOSER



NOTE:
Y=3'-6" MIN.
Y=4'-0" MIN. IF DOOR
HAS CLOSER



NOTE:
Y=3'-6" MIN.
Y=4'-0" MIN. IF
DOOR HAS
CLOSER

1 SIGNAGE MOUNTING DIMENSIONS

1/2" = 1'-0"

2 ADA DOOR CLEARANCES

1/2" = 1'-0"

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X	00-00-00	N/A			

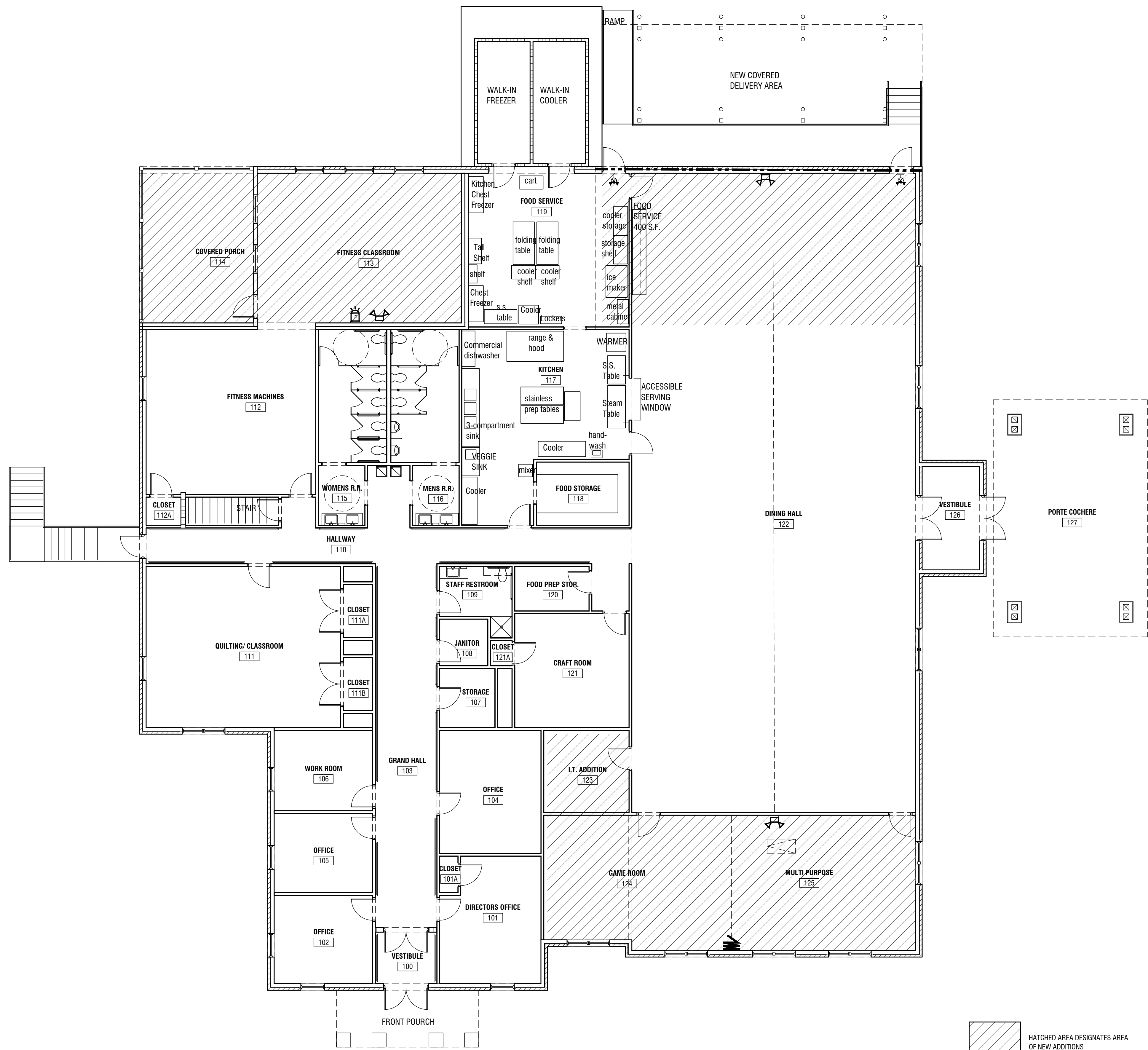
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 MONROE, GEORGIA 30655
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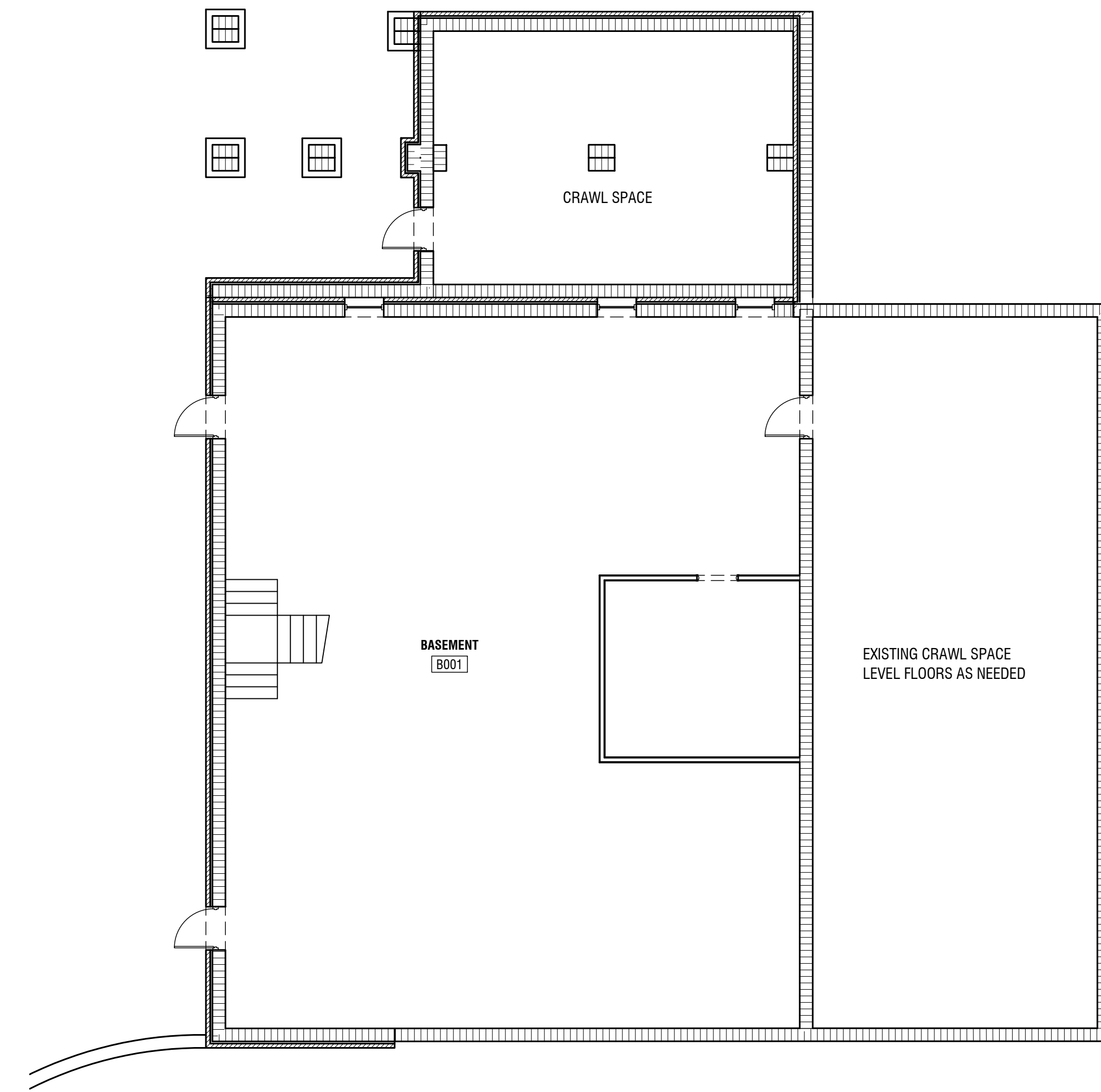
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 REGISTERED ARCHITECT
 STATE OF GEORGIA

JACKSON COUNTY SENIOR CENTER
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SHEET TITLE: ADA DOOR CLEARANCES	NUMBER: G-005
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1 LIFE SAFETY PLAN
1/8" = 1'-0"



2 LIFE SAFETY BASEMENT AND CRAWL SPACE
1/8" = 1'-0"

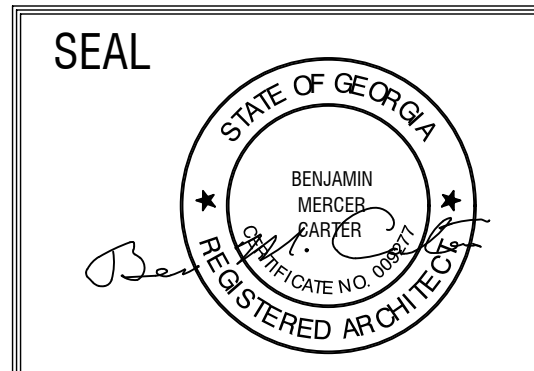
LEGEND	
INDICATING HEIGHT FROM THE CENTER OF FEM	
FIRE ALARM SYSTEM	
[Symbol]	MANUAL PULL STATION, 4'-0" AFF
[Symbol]	COMBINATION ALARM/NOTIFICATION, 6'-0" AFF
[Symbol]	CEILING MOUNTED SYSTEM SMOKE DETECTOR
[Symbol]	SPRINKLE ALARM, 6'-0" AFF
[Symbol]	FIRE ALARM CONTROL PANEL, 5'-0" AFF
[Symbol]	FIRE ALARM ANNUNCIATOR, 4'-0" AFF
[Symbol]	FIRE EXTINGUISHER CABINET
EMERGENCY/EXIT	
[Symbol]	EMERGENCY ILLUMINATED EXIT SIGN, 5'-0" AFF
[Symbol]	SINGLE FACE EXIT LIGHT, CEILING OR PENDANT MOUNTED
[Symbol]	DOUBLE FACE EXIT LIGHT, CEILING OR PENDANT MOUNTED
[Symbol]	ARROWS TO INDICATE DIRECTION OF EXIT TRAVEL
[Symbol]	BATTERY OPERATED EMERGENCY LIGHT WITH TWO HEADS

HATCHED AREA DESIGNATES AREA OF NEW ADDITIONS

REVISIONS					
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X	00-00-00	N/A			

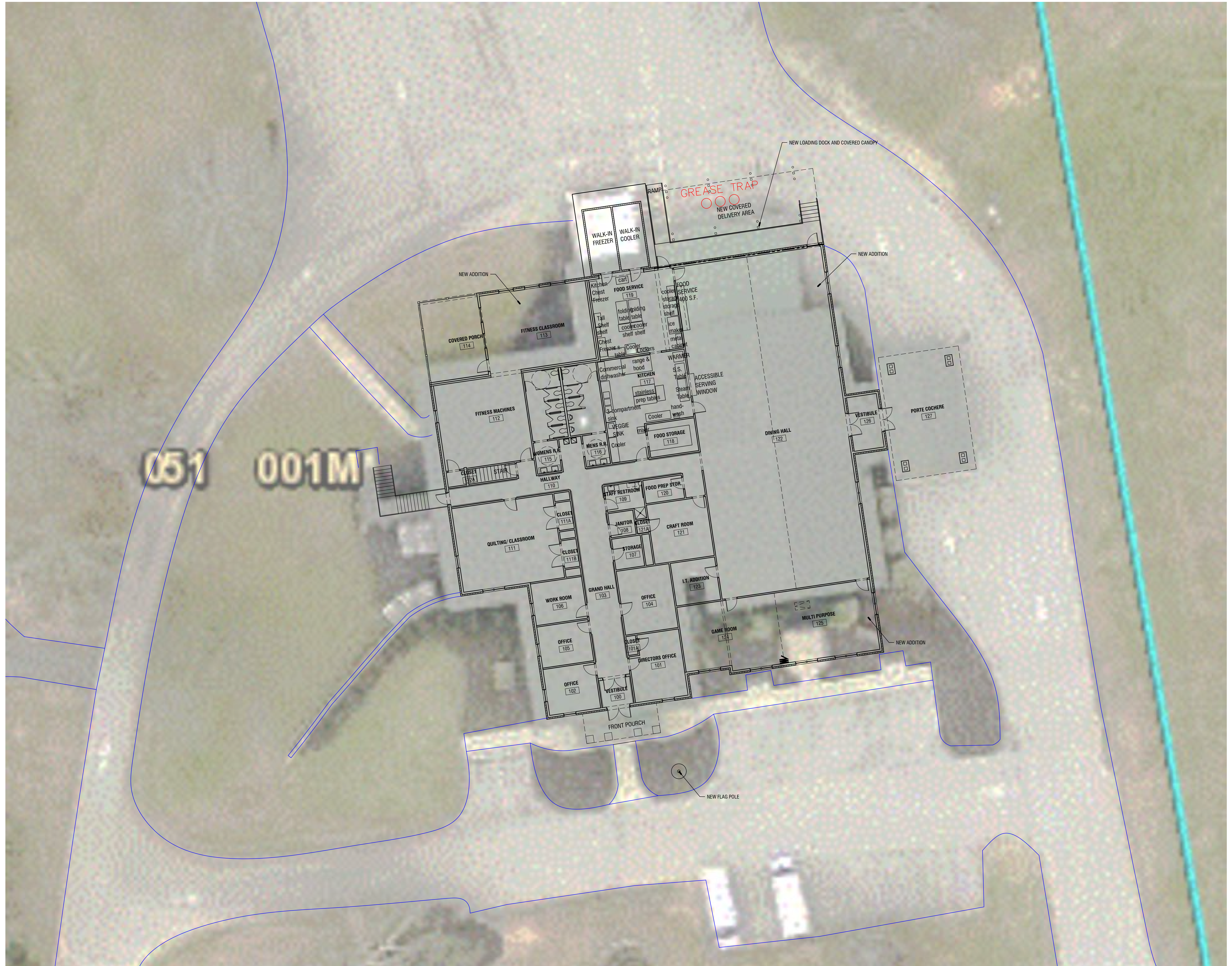
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SHEET TITLE: LIFE SAFETY	NUMBER: LS-001
PRINTED:	



051 001M

1 PROPOSED SITE PLAN
3/32" = 1'-0"

Jul 17 2023 | T:\SHARED CAD Projects\2022 Jackson County Senior Center\Sheet C-100 SITE PLAN.dwg

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SHEET TITLE: SITE PLAN	NUMBER: C-100
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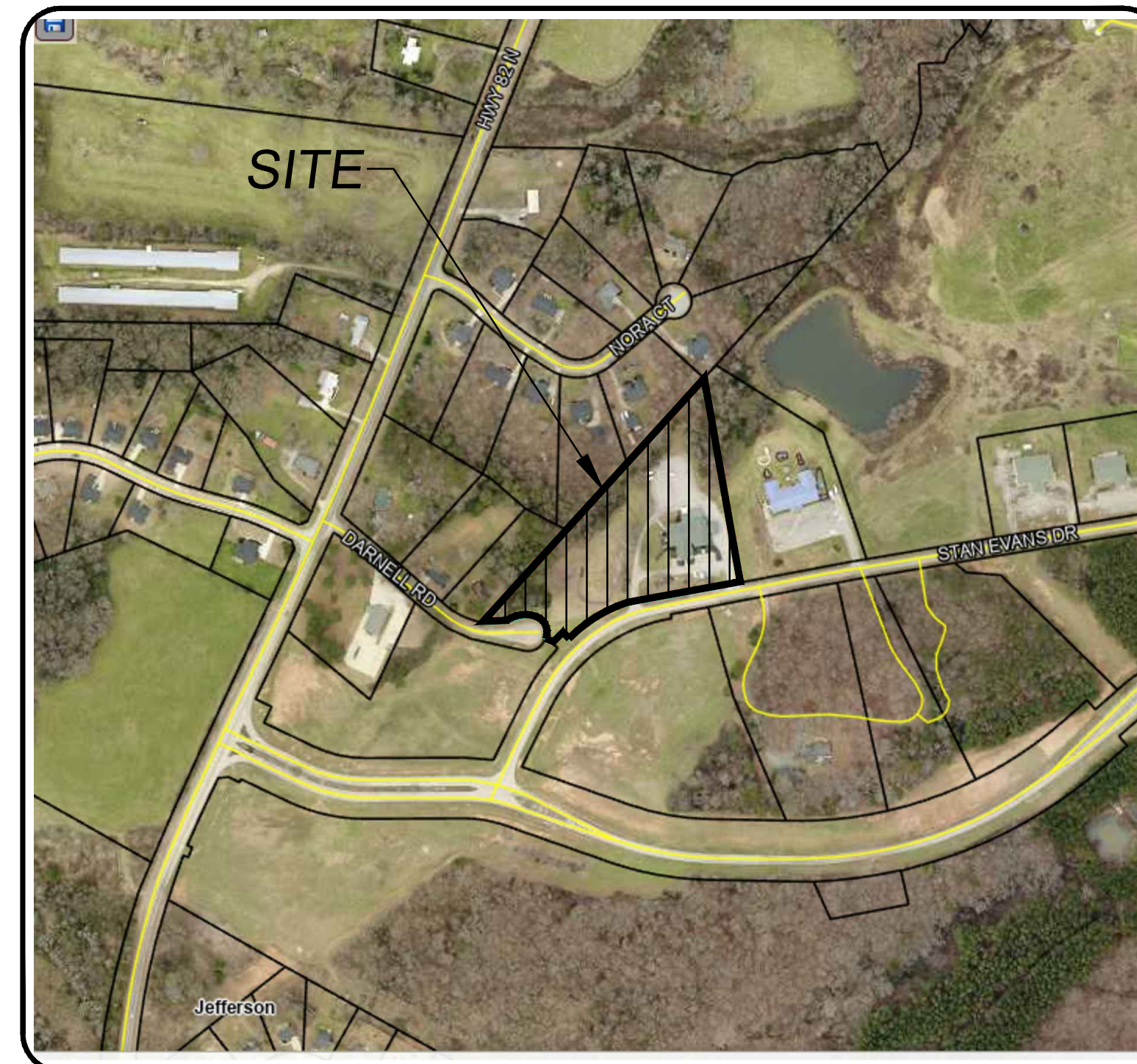
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SITE DEVELOPMENT PLANS FOR JACKSON COUNTY SENIOR CENTER

151 STAN EVANS DRIVE
JEFFERSON, GEORGIA 30549

DESIGNED BY:
CIVIL SOLUTIONS, INC.
 ENGINEERING ~ PLANNING
 750 BELMONT ROAD
 ATHENS, GA 30605
 PHONE: 706-255-2443

SURVEYED BY:
CARLAN LAND SURVEYORS, INC.
 970 SOUTH BROAD STREET
 COMMERCE, GA 30529
 PHONE: 706-336-5959



LOCATION MAP
N.T.S.

SHEET INDEX

C1. COVER SHEET
C2. EXISTING CONDITIONS & DEMOLITION PLAN
C3. SITE PLAN
C4. GRADING & EROSION CONTROL PLAN
C5. EROSION CONTROL DETAILS



CIVIL SOLUTIONS, INC.
 ENGINEERS ~ PLANNERS
 750 BELMONT ROAD
 ATHENS, GA 30605
 OFFICE 706-255-2443

OWNER & DEVELOPER
JACKSON COUNTY GEORGIA
 67 ATHENS STREET
 JEFFERSON, GA 30549
 (706)367-6312

SITE DEVELOPMENT PLANS FOR:
JACKSON COUNTY
SENIOR CENTER
 JEFFERSON, GEORGIA

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			C1

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NOTES:

1. NO ONSITE DISPOSAL AND NO MATERIAL TO BE BURIED ONSITE.
2. ALL DEMO MATERIAL TO BE HAULED OFF.
3. ALL DEMO MATERIAL TO BE DISPOSED IN A CERTIFIED LANDFILL.
4. NO BURNING ONSITE WITHOUT A PERMIT.
5. CONTRACTOR RESPONSIBLE FOR MAKING SURE ALL DEMO MATERIAL IS PROPERLY DISPOSED OF.
6. CONTRACTOR RESPONSIBLE FOR ANY REQUIRED PERMITS.
7. CONTRACTOR RESPONSIBLE FOR CONTACTING ALL UTILITIES FOR DISCONNECT.
8. CONTRACTOR TO NOTIFY LOCAL GOV DOT WHEN ANY WORK IS TO BE DONE WITHIN THE DOT RIGHT-OF-WAY.
9. CONTRACTOR RESPONSIBLE FOR ALL TRAFFIC CONTROL.

***NOTE:**

EXISTING UNDERGROUND UTILITIES LOCATIONS AS SHOWN SHOULD BE CONSIDERED APPROXIMATE AND MAY NOT BE COMPLETE. UNDERGROUND UTILITIES AS SHOWN ARE BASED ON INFORMATION PROVIDED BY UTILITY OWNERS. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DAMAGE TO SUCH UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

CIVIL SOLUTIONS, INC.
ENGINEERS ~ PLANNERS

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ATLANTA, GA 30305
OFFICE 706-255-2443

DIMMER & DEVELDEGER
JACKSON COUNTY GEORGIA
67 ATHENS STREET
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(706)367-6312

EXISTING CONDITIONS & DEMOLITION PLAN FOR JACKSON COUNTY SENIOR CENTER
JEFFERSON, GEORGIA

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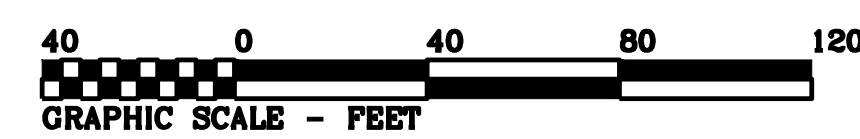
GMD	COUNTY	CITY
257	JACKSON	JEFFERSON



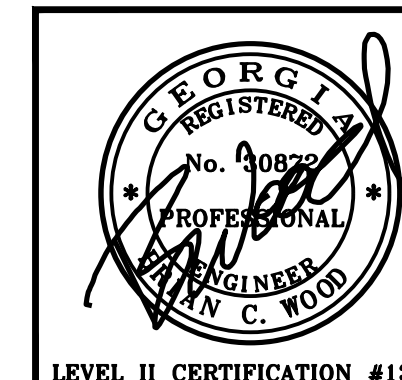
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GRAPHIC SCALE - FEET



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Jackson County
P.B. 72, Pg. 204

*NOTE:
EXISTING UNDERGROUND UTILITIES LOCATIONS AS SHOWN SHOULD BE CONSIDERED APPROXIMATE AND MAY NOT BE COMPLETE. UNDERGROUND UTILITIES AS SHOWN ARE BASED ON INFORMATION PROVIDED BY UTILITY OWNERS. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DAMAGE TO SUCH UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

- GENERAL NOTES:**
- THIS TRACT CONTAINS 5.075 ACRES TAX PARCEL W81 0014
 - BOUNDARY BY CARLAN LAND SURVEYORS, DATED 05/08/2023
 - TOPD WAS FIELD RUN BY CARLAN LAND SURVEYORS, DATED 05/08/2023.
 - THERE ARE EXISTING STRUCTURES ON SITE.
 - INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER, AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION SHOWN HEREON AS TO SUCH UNDERGROUND INFORMATION.
 - MAXIMUM CUT OR FILL SLOPES IS 3:1V.
 - THE DEVELOPER AND CONTRACTOR ARE RESPONSIBLE FOR OBTAINING ALL DEVELOPMENT PERMITS PRIOR TO CONSTRUCTION.
 - ALL EROSION CONTROL DEVICES MUST BE IN PLACE PRIOR TO ANY GRADING.
 - NOTIFY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION.
 - ALL CONSTRUCTION TO CONFORM TO JACKSON COUNTY STANDARDS AND SPECIFICATIONS.
 - ALL PROPOSED CONTOURS ARE FINISHED GRADE.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS ARE NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS. HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR TO CONTACT THE UTILITY PRIOR TO STARTING CONSTRUCTION.
 - THE CONTRACTOR SHALL STOCKPILE ALL TOPSOIL ON PROPERTY WHERE OWNER DIRECTS, UNTIL READY FOR REDISTRIBUTION.
 - ANY EXCESS EARTH CUT MATERIALS, IF ANY, SHALL BE PLACED AT A LOCATION ON OR NEAR THE SITE AS DESIGNATED BY THE OWNER.
 - PROVIDE & MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
 - NO WASTE MATERIAL IS TO BE BURIED ON SITE.
 - THERE ARE NO KNOWN EXISTING OR PREVIOUSLY EXISTING LANDFILLS OR PROPOSED ONSITE BURIAL PITS ON SITE.
 - THERE ARE NO CEMETERIES OR OTHER SIGNIFICANT OR HISTORICAL AREAS ON THE SITE.
 - THERE ARE NO WETLANDS ON SITE PER THE NATIONAL WETLANDS INVENTORY MAPPER.
 - THERE ARE NO STATE WATERS ON SITE.
 - NO PORTION OF THE PROPERTY LIES WITHIN A FLOOD ZONE ACCORDING TO FIRM COMMUNITY PANEL NUMBER 13157C0140C, DATED DECEMBER 17, 2010.

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ENGINEERS ~ PLANNERS
750 BELMONT ROAD
ATHENS, GA 30606
OFFICE 706-255-2443

DOWNER & DEVELOPER
JACKSON COUNTY GEORGIA
67 ATHENS STREET
JEFFERSON, GA 30549
(706)367-6312

SITE PLAN FOR:
JACKSON COUNTY
SENIOR CENTER
JEFFERSON, GEORGIA

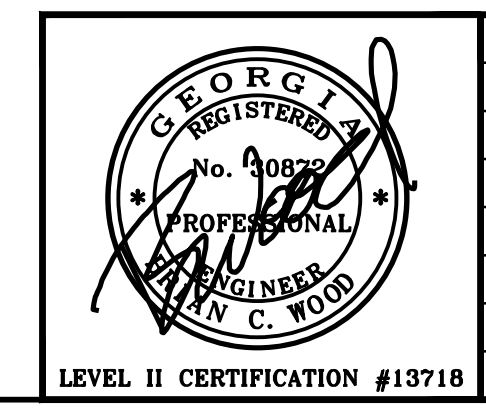
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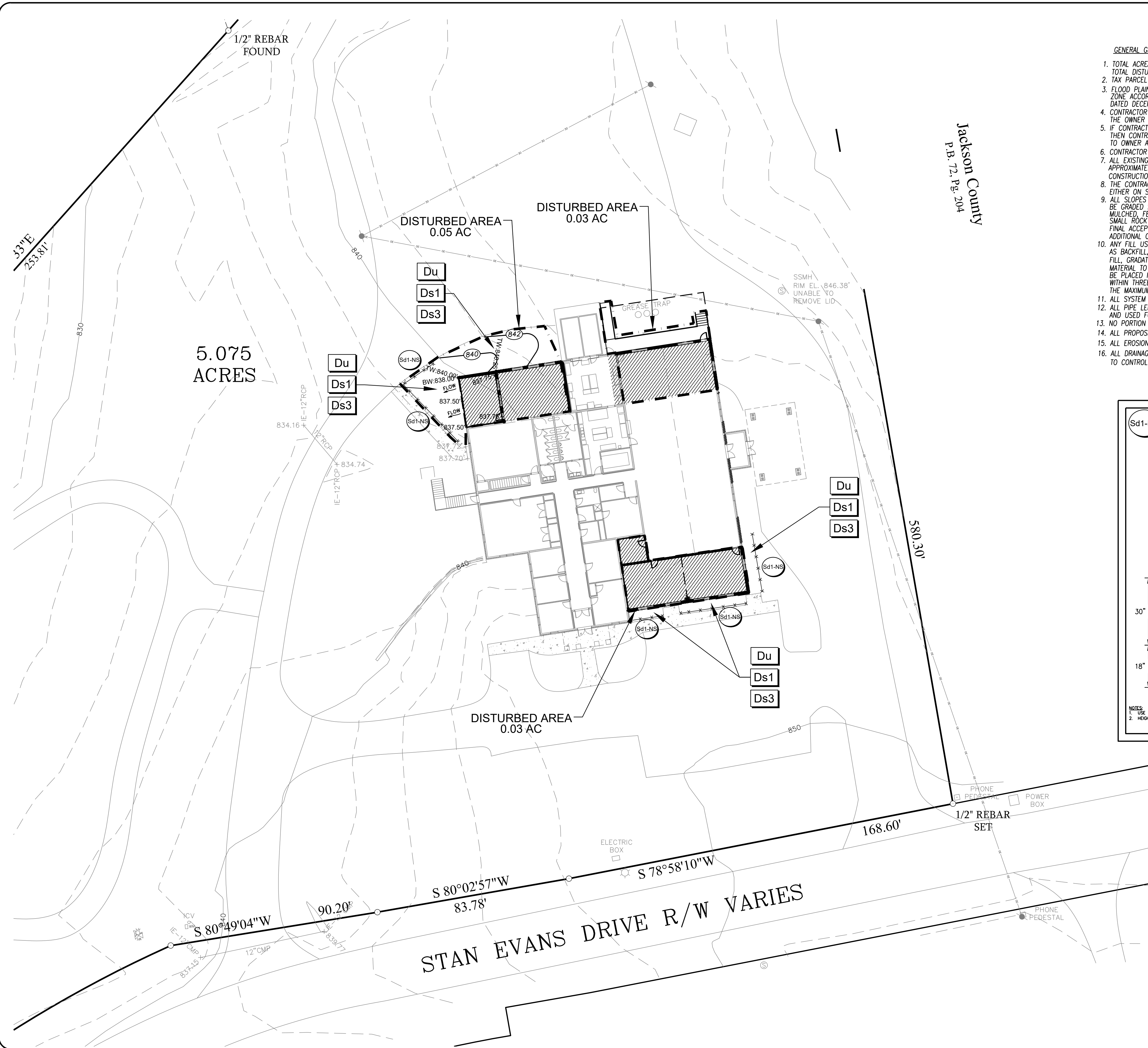
Scale 1" = 20'

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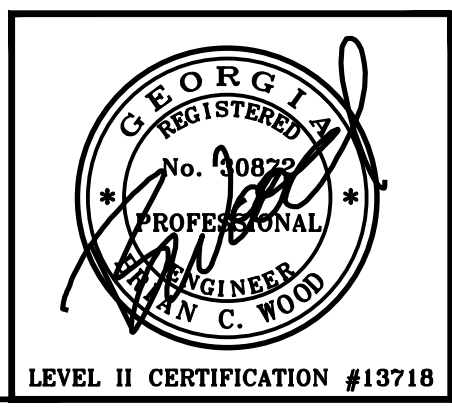
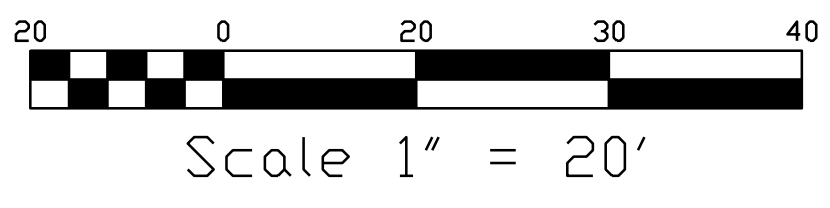
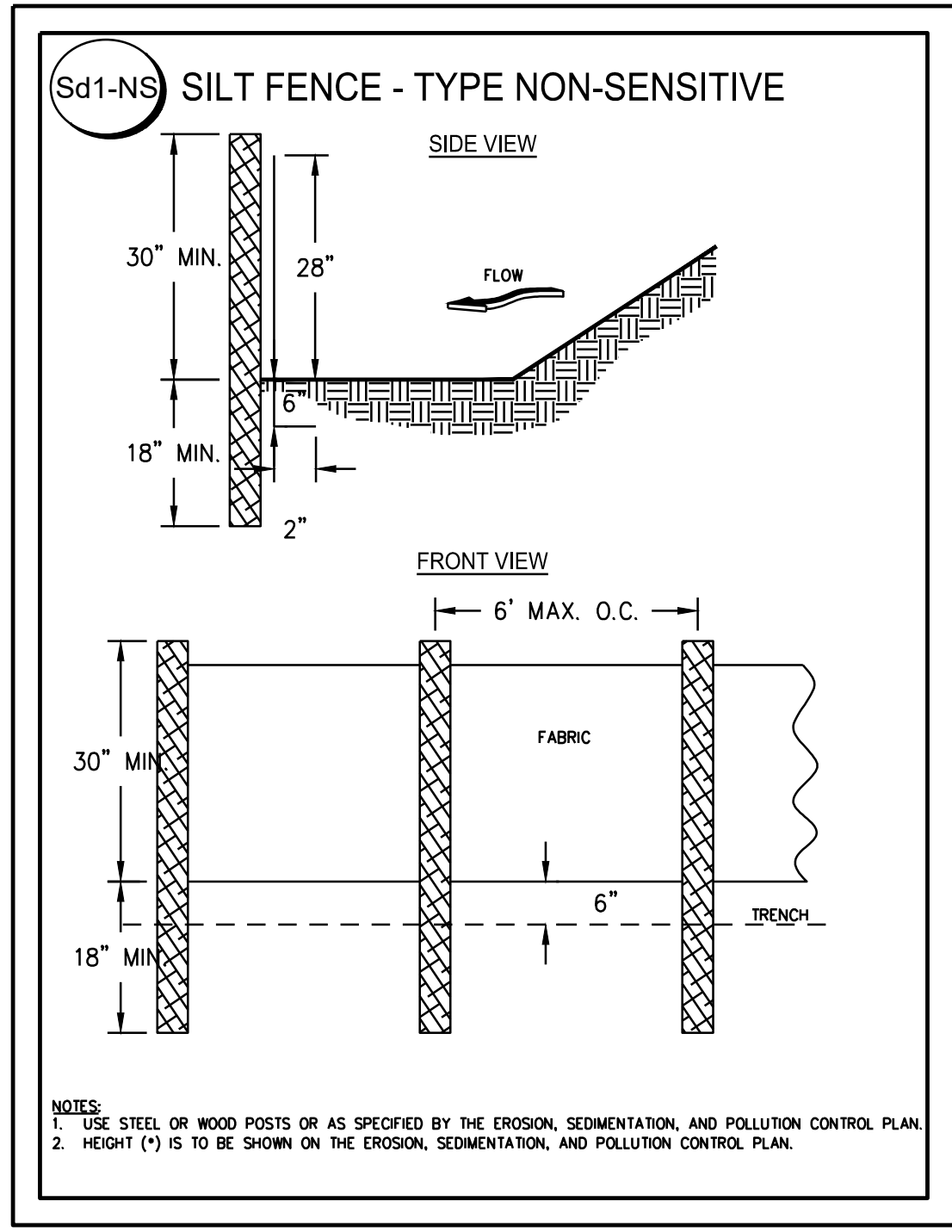
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C3

LEVEL II CERTIFICATION #13718



GENERAL GRADING NOTES:

- TOTAL ACREAGE: 5.075 AC
TOTAL DISTURBED ACREAGE: 0.11 AC
- TAX PARCEL #: 051 001M
- FLOOD PLAIN: NO PORTION OF THE PROPERTY LIES WITHIN A FLOOD ZONE ACCORDING TO FIRM COMMUNITY PANEL NUMBER 13157C0140C, DATED DECEMBER 17, 2010.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS NOT ACCEPTABLE TO THE OWNER AND ENGINEER.
- IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN, WITHOUT EXCEPTION, THEN CONTRACTOR SHALL MAKE A TOPOGRAPHIC SURVEY AT THEIR EXPENSE AND SUBMIT IT TO OWNER AND ENGINEER FOR REVIEW.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.
- ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. CONTRACTOR IS RESPONSIBLE NOTIFYING ALL UTILITIES BEFORE CONSTRUCTION AND VERIFYING LOCATION OF ALL UTILITIES SHOWN OR NOT SHOWN.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY EXISTING IMPROVEMENTS, EITHER ON SITE OR OFF SITE, SUCH AS PAVEMENT, UTILITIES, STORM DRAINAGE, ETC.
- ALL SLOPES AND DISTURBED AREAS NOT COVERED BY BUILDING OR PAVEMENT ARE TO BE GRADED SMOOTH AND RECEIVE 2 TO 4 INCHES OF TOP SOIL. THE AREAS SHALL BE SEEDED, MULCHED, FERTILIZED, AND WATERED TO PROVIDE A HEARTY MOWABLE STAND OF GRASS. SMALL ROCK MUST BE REMOVED. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ANY FILL USED TO INCREASE THE ELEVATION OF THE FLOOR SLAB OR ANY FILL TO BE USED AS BACKFILL, SHALL BE CLEAN, GRANULAR MATERIAL. PRIOR TO THE USE OF ANY GRANULAR FILL, GRADATION ANALYSIS SHALL BE PERFORMED ON REPRESENTATIVE SAMPLES OF THE FILL MATERIAL TO DETERMINE WHETHER THE MATERIAL IS SUITABLE AS FILL. COMPACTED FILL SHALL BE PLACED IN LAYERS OF NOT MORE THAN EIGHT INCHES IN THICKNESS, AT MOISTURE CONTENTS WITHIN THREE PERCENT OPTIMUM, AND COMPACTED TO MINIMUM DENSITY OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD, ASTM D-698.
- ALL SYSTEM PIPES AND MANHOLES TO BE FLUSHED CLEAN PRIOR TO TURNING OVER TO OWNER.
- ALL PIPE LENGTHS LISTED ARE BASED ON THE HORIZONTAL DISTANCE FROM CENTER OF STRUCTURE AND USED FOR DESIGN.
- NO PORTION OF THE SITE IS LOCATED WITHIN 200 FEET OF A STATE WATERS.
- ALL PROPOSED SPOT ELEVATIONS AND PROPOSED CONTOURS ARE SHOWN TO FINISHED GRADE.
- ALL EROSION CONTROL DEVICES MUST BE IN PLACE PRIOR TO ANY GRADING.
- ALL DRAINAGE RELEASE AREAS MUST BE STABILIZED WITH GRASSING, AND OR RIP-RAP, AS NECESSARY TO CONTROL SOIL EROSION.



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OWNER & DEVELOPER
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67 ATHENS STREET
JEFFERSON, GA 30549
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GRADING & EROSION CONTROL PLAN FOR:
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SENIOR CENTER
JEFFERSON, GEORGIA

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LEVEL II CERTIFICATION #13718

Dust Control on Disturbed Areas

DEFINITION
Controlling surface and air movement of dust on construction sites, roads, and driveway sites.

PURPOSE
• To prevent surface and air movement of dust from exposed soil surfaces.
• To reduce the presence of airborne substances that may be harmful or injurious to human health, welfare, or safety, or to animals or plant life.

CONDITIONS
This practice is applicable to areas subject to surface and air movement of dust where on and off-site damage may occur without treatment.

METHOD AND MATERIALS
A. Temporary Methods
Mulches. See standard Ds1 - Disturbed Area Stabilization (With Mulching Only). Synthetic resins may be used instead of asphalt to bind mulch material. Refer to specification TAC - Trafficifiers. Resins should be used according to manufacturer's recommendations.
Vegetative Cover. See specification Ds2 - Disturbed Area Stabilization (With Temporary Seeding).
Spray-on Adhesives. These are used on mineral soils (not effective on muck soils). Keep traffic off of these areas. Refer to specification TAC - Trafficifiers.
Tillage. This practice is designed to roughen and bring clods to the surface. It is an emergency

Disturbed Area Stabilization (With Mulching Only) Ds1

measure that should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment that may produce the desired effect.
Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet. Repeat as needed.
Barriers. Solid board fences, snowfences, burlap fences, crane walls, sales of hay and similar materials can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 15 times their height are effective in controlling wind erosion.
Calcium Chloride. Apply at rate that will keep surface moist. May need retreatment.
B. Permanent Methods
Permanent Vegetation. See specification Ds3 - Disturbed Area Stabilization (With Permanent Vegetation). Existing trees and large shrubs may afford valuable protection if left in place.
Topsoiling. This entails covering the surface with less erodible topsoil. See specification Tp - Topsoiling.
Stone. Cover surface with crushed stone or coarse gravel. See specification CR-Construction Road Stabilization.

Maintenance shall be required to maintain appropriate depth and 90% cover. Temporary vegetation may be employed instead of mulch if the area will remain undisturbed for less than six months.
If any area will remain undisturbed for greater than six months, permanent vegetative techniques shall be employed. Refer to Ds2 - Disturbed Area Stabilization (With Temporary Seeding).

Disturbed Area Stabilization (With Permanent Vegetation) Ds3

Permanent vegetation shall consist of planted trees, shrubs, perennial vines, or a crop of perennial vegetation appropriate for the region, such that within the growing season a 70% coverage by permanent vegetation shall be achieved. Final stabilization applies to each phase of construction. For linear construction projects on land used for agricultural or silvicultural purposes, final stabilization may be accomplished by stabilizing the disturbed land for its agricultural or silvicultural use. Until this standard is satisfied and permanent control measures and facilities are operational, interim stabilization measures and temporary erosion and sedimentation control measures shall not be removed.
CONDITIONS
Permanent perennial vegetation is used to provide a protective cover for exposed areas including cuts, fills, dams, and other denuded areas.
PLANNING CONSIDERATIONS
1. Use conventional planting methods where possible.
2. When mixed plantings are done during marginal planting periods, companion crops shall be used.
3. No-ill planting is effective when planting is done following a summer or winter annual cover crop. Sericea Lespedeza planted no-ill stands of rye is an excellent procedure.
4. Block sod provides immediate cover. It is especially effective in controlling erosion adjacent to concrete flumes and other structures. Refer to Specification Ds4 - Disturbed Area Stabilization (With Sodding).
5. Irrigation should be used when the soil is dry or when summer plantings are done.
6. Low maintenance plants, as well as natives, should be used to ensure long-lasting erosion control.
7. Mowing should not be performed during the quail nesting season (May to September).
8. Wildlife plantings should be included in critical area plantings.

soil erosion shall be diverted to a safe outlet. Diversions and other treatment practices shall conform with the appropriate standards and specifications.
Line and Fertilizer Rates and Analysis
Agricultural lime is required at the rate of one to two tons per acre unless soil tests indicate otherwise. Graded areas require lime application. If lime is applied within six months of planting permanent perennial vegetation, additional lime is not required. Agricultural lime shall be within the specifications of the Georgia Department of Agriculture.
Lime spread by conventional equipment shall be "ground limestone". Ground limestone is calcitic or domolitic limestone ground to a 80 percent of the material will pass through a 100-mesh sieve, not less than 50 percent will pass through a 50-mesh sieve and not less than 25 percent will pass through a 100-mesh sieve.
Fast-acting lime spread by hydraulic seeding equipment should be "finely ground limestone" spanning from the 180 micron size to the 5 micron size. Finely ground limestone is calcitic or domolitic limestone ground so that 95 percent of the material will pass through a 100-mesh sieve.
It is desirable to use domolitic limestone in the Sand Hills, Southern Coastal Plain and Atlantic Coast Flatwoods MLRAs. (See Figure 6-4.1)
Agricultural lime is generally not required where only trees are planted.
Initial fertilization, nitrogen, topdressing, and maintenance of established equipment for each species or combination of species are listed in Table 6-5.1.
Line and Fertilizer Application
When hydraulic seeding equipment is used, the initial fertilizer shall be mixed with seed, inoculant (if needed), and wood cellulose or wood pulp fiber mulch and applied in a slurry. The inoculant, if needed, shall be mixed with the seed prior to being placed into the hydraulic seeding. The slurry mixture will be applied during application to keep the ingredients thoroughly mixed. The mixture will be spread uniformly over the area within one hour after being placed in the

hydrosseder.
Finely ground limestone can be applied in the mulch slurry mixture with the top dressing.
When conventional planting is to be done, lime and fertilizer shall be applied uniformly in one of the following ways:
1. Apply before land preparation so that it will be mixed with the soil during seedbed preparation.
2. Mix with the soil used to fill the holes, distribute in furrows.
3. Broadcast after steep surfaces are scarified, pitted or trenched.
4. A fertilizer pellet shall be placed at foot of the closing hole beside each pine tree seedling.
Plant Selection
Refer to Tables 6-4.1, 6-5.2, 6-5.3 and 6-5.4 for approved species. Species not listed shall be approved by the State Resource Conservationist of the Natural Resources Conservation Service before they are used.
Plants shall be selected on the basis of species characteristics, site and soil conditions, planned use and maintenance of the area, time of year of planting, method of planting, and the needs and desires of the land user.
Some perennial species are easily established and can be planted alone. Examples of these are Common Bermuda, Tall Fescue, and Weeping Lovgrass.
Other perennials, such as Bahia Grass and Sericea Lespedeza, are slow to become established and should be planted with another perennial species. The additional species will provide quick cover and ample soil protection until the target perennial species become established. For example, Common seeding combinations are 1) Weeping Lovgrass with Sericea Lespedeza (scarified) and 2) Tall Fescue with Sericea Lespedeza (unscarified).
Plant selection may also include annual companion crops. Annual companion crops should be used only when the perennial species are not planted during their optimum planting period. A common

Disturbed Area Stabilization (With Temporary Seeding) Ds2

loosen the soil to a depth of 4 to 6 inches; alleviate compaction; incorporate lime and fertilizer; smooth and firm the soil; allow for the proper placement of seed, top-dressing, or plants; and allow for the anchoring of straw or hay mulch if a disk is to be used.
2. Tillage may be done with any suitable equipment.
3. Tillage should be done on the contour where feasible.
4. On slopes too steep for the safe operation of tillage equipment, the soil surface shall be pitted or trenched across the slope with appropriate hand tools to provide two places 8 to 8 inches apart in which seed may lodge and germinate. Hydraulic seeding may also be used.
Conventional Seeding
Seeding will be done on a freshly prepared and firmed seedbed. For broadcast planting, use a cult-packer seeder, drill, rotary seeder, other mechanical seeder, or hand seeding to distribute the seed uniformly over the area to be treated. Cover the seed lightly with 1/8 to 1/4 inch of soil for small seed and 1/2 to 1 inch for large seed using a cult-packer or other suitable equipment.
No-Till Seeding
No-till seeding is permissible into annual cover crops when planting is done following maturity of the cover crop or if the temporary cover crop is sparse enough to allow adequate growth of the permanent (perennial) species. No-till seeding shall be done with appropriate no-till seeding equipment. The seed must be uniformly distributed and planted at the proper depth.
Individual Plants
1. Where individual plants are to be set, the soil shall be prepared by excavating holes. Holes, furrows, trenches, or other suitable devices may be used where ornamentals or other ground covers are planted. This is not appropriate for seedbed preparation.
2. Where pine seedlings are to be planted, subsoil under the row 36 inches deep on the contour four to six months prior to planting. Subsoiling should be done when the soil is dry, preferably in August or September.
Inoculants
All legume seed shall be inoculated with appropriate nitrogen-fixing bacteria. The inoculant shall be a pure culture prepared specifically for the seed species and used within the dates on the container.
A mixing medium recommended by the manufacturer shall be used to bond the inoculant to the seed. For conventional seeding, use twice the amount of inoculant recommended by the manufacturer. For hydraulic seeding, four times the amount of inoculant recommended by the manufacturer shall be used.
All inoculated seed shall be protected from the sun and high temperatures and shall be planted

Disturbed Area Stabilization (With Temporary Seeding) Ds2

1. Dry straw or hay mulch will be spread uniformly by hand or by mechanical equipment.
2. Wood waste (chips, sawdust or bark) shall be applied at a depth of 2 to 3 inches. Organic material from the clearing stage of development should remain on site, be chipped, and applied as mulch. This method of mulching can greatly reduce erosion control costs.
3. Polyethylene film shall be secured over banks or stockpiled soil material for temporary protection. This material can be salvaged and re-used.
Applying Mulch
When used without seeding, mulch shall be applied to provide full coverage of the exposed area.
1. Dry straw or hay mulch and wood chips shall be applied uniformly by hand or by mechanical equipment.
2. Wood cellulose or wood pulp fiber mulch shall be used with hydraulic seeding. It shall be applied at the rate of 500 pounds per acre. Dry straw or dry hay shall be applied (at the rate indicated above) after hydraulic seeding. Other suitable materials in sufficient quantity may be used where ornamentals or other ground covers are planted. This is not appropriate for seedbed preparation.
3. One thousand pounds of wood cellulose or wood pulp fiber, which includes a tackifier, shall be used with hydraulic seeding on slopes 3M:1 or steeper.
4. Sericea Lespedeza hay containing mature seed shall be applied at a rate of three tons per acre.
5. Pine straw or pine bark shall be applied at a thickness of 3 inches for bedding purposes. Other suitable materials in sufficient quantity may be used where ornamentals or other ground covers are planted. This is not appropriate for seedbed preparation.
6. When using temporary erosion control blankets or block sod, mulch is not required.
7. Bluminous treated riving may be applied on planted areas, slopes, in ditches or dry waterways to prevent erosion. Bluminous treated riving shall be applied within 24 hours after an area has been planted. Application rates and materials must meet Georgia Department of Transportation specifications.
Wood cellulose and wood pulp fibers shall not contain germination or growth inhibiting factors. They shall be evenly dispersed when applied in water. The fibers shall contain a dye to allow visual metering and aid in uniform application during seeding.
Applying Mulch
Straw or hay mulch will be spread uniformly within 24 hours after seeding and/or plant-

ing. The mulch may be spread by blower-type spreading equipment, other spreading equipment or by hand. Mulch shall be applied to cover 75% of the soil surface.
Wood cellulose or wood pulp fiber mulch shall be applied uniformly with hydraulic seeding equipment.
Anchoring Mulch
Anchor straw or hay mulch immediately after application by one of the following methods:
1. Hay and straw mulch shall be pressed into the soil immediately after the mulch is spread. A special "packer disk" or disk harrow with the disks set straight may be used. The disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disks shall be cut enough to press the mulch into the ground without cutting it, leaving much of it in an erect position. Mulch shall not be plowed into the soil.
2. Synthetic tackifiers, binders or hydraulic mulch specifically designed to tack straw, shall be applied in conjunction with or immediately after the mulch is spread. Synthetic tackifiers shall be mixed and applied according to manufacturer's specifications. All tackifiers, binders or hydraulic mulch specifically designed to tack straw should be verified nontoxic through EPA 2021.0 testing. Refer to Tackifiers-Tac.
3. Rye or wheat can be included with Fall and Winter plantings to stabilize the mulch. They shall be applied at a rate of one-quarter to one-half bushel per acre.
4. Plastic mesh or netting with mesh no larger than one inch by one inch may be needed to anchor straw or hay mulch on unstable soils and concentrated flow areas. These materials shall be installed and anchored according to manufacturer's specifications.
Bedding Material
Mulch is used as a bedding material to conserve moisture and control weeds in nurseries, ornamental beds, around shrubs, and on bare areas on lawns.
Material
Depth
Grass straw 4" to 6"
Grass Hay 4" to 6"
Pine needles 3" to 5"
Wood waste 4" to 6"
Irrigation
Irrigation will be applied at a rate that will not cause runoff.
Topdressing
Topdressing will be applied on all temporary and permanent (perennial) species planted alone or in mixtures with other species. Recommended rates of application are listed in Table 6-5.1.
Second Year and Maintenance Fertilization
Second year fertilizer rates and maintenance fertilizer rates are listed in Table 6-5.1.
Lime Maintenance Application
Apply one ton of agricultural lime every 4 to 6 years or as indicated by soil tests. Soil tests can be conducted to determine more accurate requirements, if desired.
Use and Management
Mow Sericea Lespedeza only after frost to ensure that the seeds are mature. Mow between November and March.
Bermudagrass, Bahiagrass and Tall Fescue may be mowed as desired. Maintain at least 6 inches of top growth under any use and management. Moderate use of top growth is beneficial after November and March.
Exclude traffic until the plants are well established. Because of the quail nesting season, mowing should not take place between May and September.

Table 6-5.1. Fertilizer Requirements

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. Cool season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac./1/2
	Second Maintenance	6-12-12 10-10-10	1000 lbs./ac. 400 lbs./ac.	30
2. Cool season grasses and legumes	First	6-12-12	1500 lbs./ac.	0-50 lbs./ac. 1/
	Second Maintenance	6-12-12 10-10-10	1000 lbs./ac. 400 lbs./ac.	—
3. Ground covers	First	10-10-10	1300 lbs./ac. 3/	—
	Second Maintenance	10-10-10	1300 lbs./ac. 3/ 1500 lbs./ac.	—
4. Pine seedlings	First	20-10-5	one 2 1/2 gram pellet per seedling placed in the closing hole	—
5. Shrub Lespedeza	First Maintenance	0-10-10 6-10-10	700 lbs./ac. 1000 lbs./ac. 4/	—
6. Temporary cover crops seeded alone	First	10-10-10	500 lbs./ac.	30 lbs./ac. 5/
7. Warm season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 25/
	Second Maintenance	6-12-12 10-10-10	800 lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 2/ 30 lbs./ac.
8. Warm season grasses and legumes	First	6-12-12	1500 lbs./ac.	50 lbs./ac. 5/
	Second Maintenance	6-12-12 10-10-10	1000 lbs./ac. 400 lbs./ac.	—

1/ Apply in spring following seeding.
2/ Apply in split applications.
3/ Apply in 3 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.

Table 6-5.2 - Permanent Cover Crops
PLANT, PLANTING DATE, AND PLANTING DATE FOR PERMANENT COVER

Species	Broadleaf Rates	Planting Dates by Restorable Area	Remarks
Bahia Wauvaton	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	30 lbs./ac. mulch (other than straw) used for erosion control. Same as above.
Bahia Wauvaton with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.
Bahia Wauvaton with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.

Table 6-5.3 - Permanent Cover Crops
PLANT, PLANTING DATE, AND PLANTING DATE FOR PERMANENT COVER

Species	Broadleaf Rates	Planting Dates by Restorable Area	Remarks
Bermudagrass	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	40 lbs./ac. mulch (other than straw) used for erosion control. Same as above.
Bermudagrass with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.
Bermudagrass with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.

Table 6-5.4 - Permanent Cover Crops
PLANT, PLANTING DATE, AND PLANTING DATE FOR PERMANENT COVER

Species	Broadleaf Rates	Planting Dates by Restorable Area	Remarks
Lespedeza	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	40 lbs./ac. mulch (other than straw) used for erosion control. Same as above.
Lespedeza with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.
Lespedeza with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.

Table 6-5.5 - Permanent Cover Crops
PLANT, PLANTING DATE, AND PLANTING DATE FOR PERMANENT COVER

Species	Broadleaf Rates	Planting Dates by Restorable Area	Remarks
Lespedeza	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	40 lbs./ac. mulch (other than straw) used for erosion control. Same as above.
Lespedeza with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.
Lespedeza with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.

Table 6-5.6 - Permanent Cover Crops
PLANT, PLANTING DATE, AND PLANTING DATE FOR PERMANENT COVER

Species	Broadleaf Rates	Planting Dates by Restorable Area	Remarks
Lespedeza	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	40 lbs./ac. mulch (other than straw) used for erosion control. Same as above.
Lespedeza with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.
Lespedeza with other perennials	40 lbs. 1.4 lbs. 0.7 lb.	J F M A M J J A S O N D	Same as above.

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INHER & DEVELOPER
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67 ATHENS STREET
JEFFERSON, GA 30549
(706)367-6312

EROSION CONTROL DETAILS FOR:
JACKSON COUNTY
SENIOR CENTER
JEFFERSON, GEORGIA

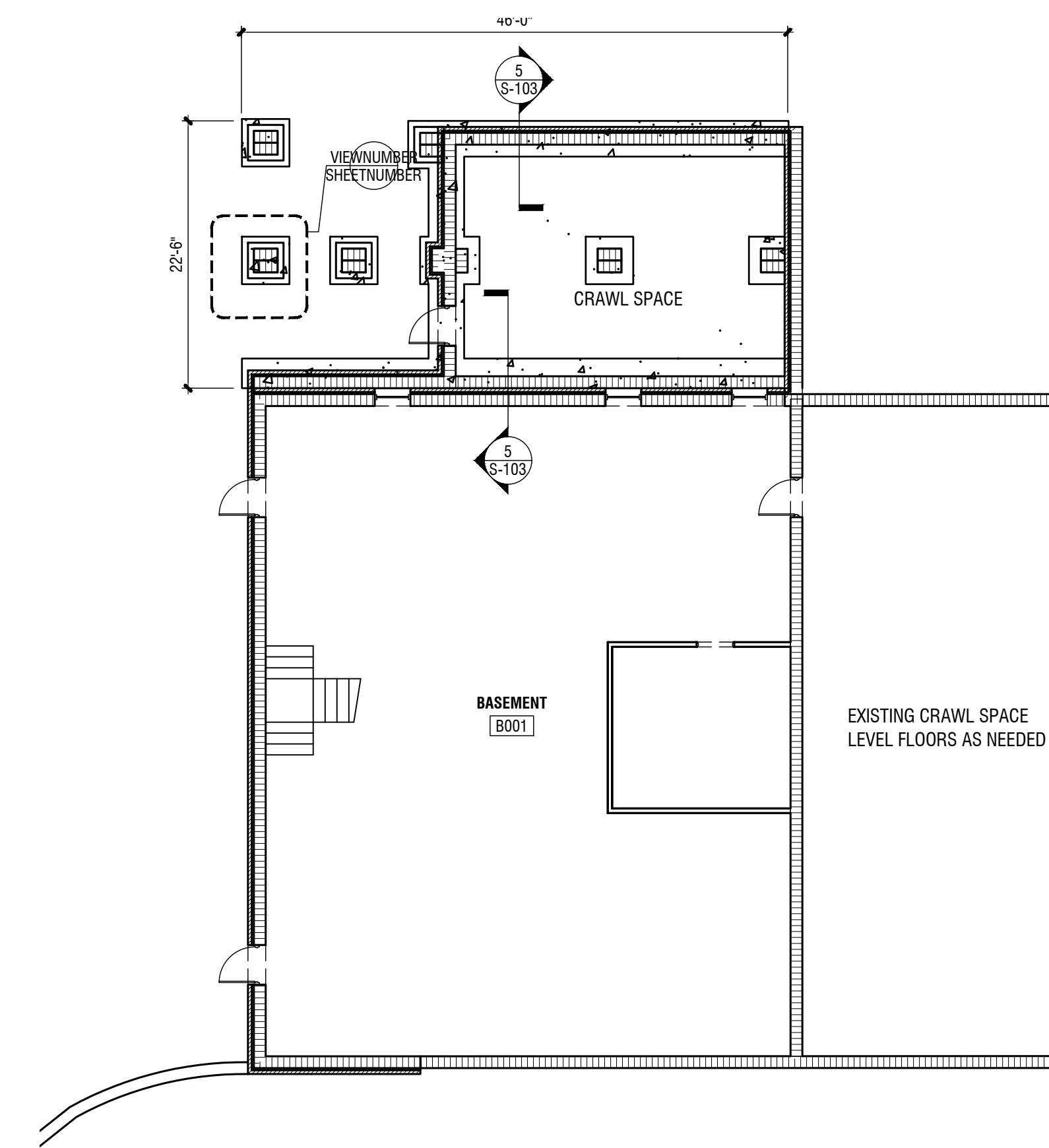
CITY JEFFERSON
COUNTY JACKSON
GMD 257

DATE 05/31/23
SHEET C5



1 FOUNDATION PLAN

1/8" = 1'-0"



2 FOUNDATION BASEMENT AND CRAWL SPACE

1/8" = 1'-0"

NOTE: EQUIPMENT FOUNDATIONS

- CONDENSING UNITS - PROVIDE 3000 PSI CONCRETE SLAB AT 4" THICK WITH 8" X 8" THICKENED EDGES. VERIFY SIZE WITH EQUIPMENT. MAINTAIN 6" CLEAR ON ALL SIDES

GENERAL STRUCTURAL NOTE:

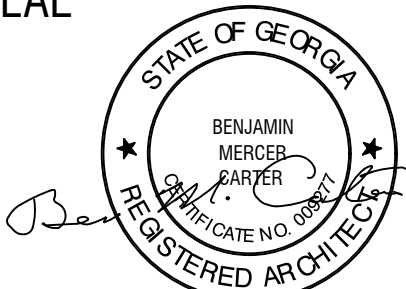
- STRUCTURAL WORK TO INCLUDE ALL WORK SHOWN ON STRUCTURAL DRAWINGS AND ANY AND ALL STRUCTURAL WORK SHOWN ON ANY OTHER DRAWINGS IN THE SET. BIDS SHALL BE INCLUSIVE OF ALL STRUCTURAL WORK SHOWN ON ALL DRAWINGS AND SHALL INCLUDE ALL ACCESSORIES AND RELATED ITEMS REQUIRED FOR COMPLETE AND OPERABLE SYSTEMS AND ALL WORK AND ITEM AS REQUIRED BY THE LATEST VERSION OF ALL APPLICABLE CODES.
- STRUCTURAL WORK TO INCLUDE ALL REMOVAL OF EXISTING ITEMS NOT TO BE REUSED.
- COORDINATE WORK WITH ALL EXISTING CONDITIONS. REPORT ANY DISCREPANCIES OF CONFLICTS TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE AFFECTED PORTIONS OF THE WORK.

- COORDINATE ALL RELATED WORK WITH FOUNDATION.
- COORDINATE ALL PLUMBING AND IN-SLAB EQUIPMENT.
- VERIFY ALL DIMENSIONS AND REPORT AND DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING.
- PROVIDE SLOPED AREAS AT ALL DOORS WHERE SLABS ARE PRESENT AND AS INDICATED.
- PROVIDE COMPACTION TESTING AND SOIL POISONING PRIOR TO POURING SLAB AND FOOTINGS.
- SLOPE ALL SLABS TO FLOOR DRAINS AND TRENCH DRAINS AT 1/2" PER FOOT.
- PROVIDE CAST IRON AT ALL SLAB PENETRATIONS FOR SANITARY PLUMBING AND STEEL SLEEVES AT ALL WATER / CONDENSATE LINE / ETC. PLUMBING PENETRATIONS.

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

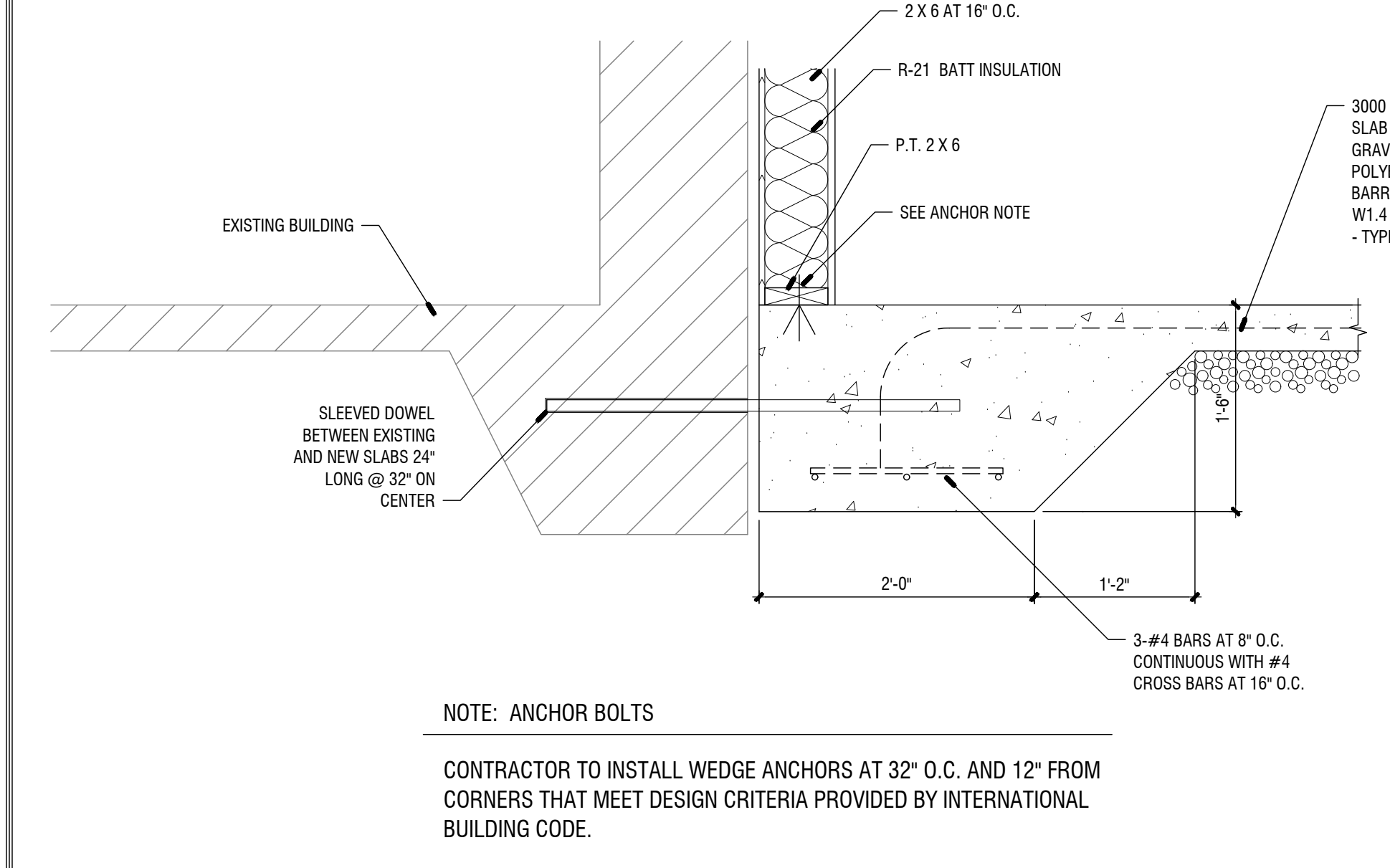
CONSULTANTS	


CARTER WATKINS ASSOCIATES ARCHITECTS, INC.
 POST OFFICE BOX 1064
 137 EAST WASHINGTON STREET
 MONROE, GEORGIA 30655
 Fax: 770.267-1064
 email@carterwatkins.com www.carterwatkins.com

SEAL


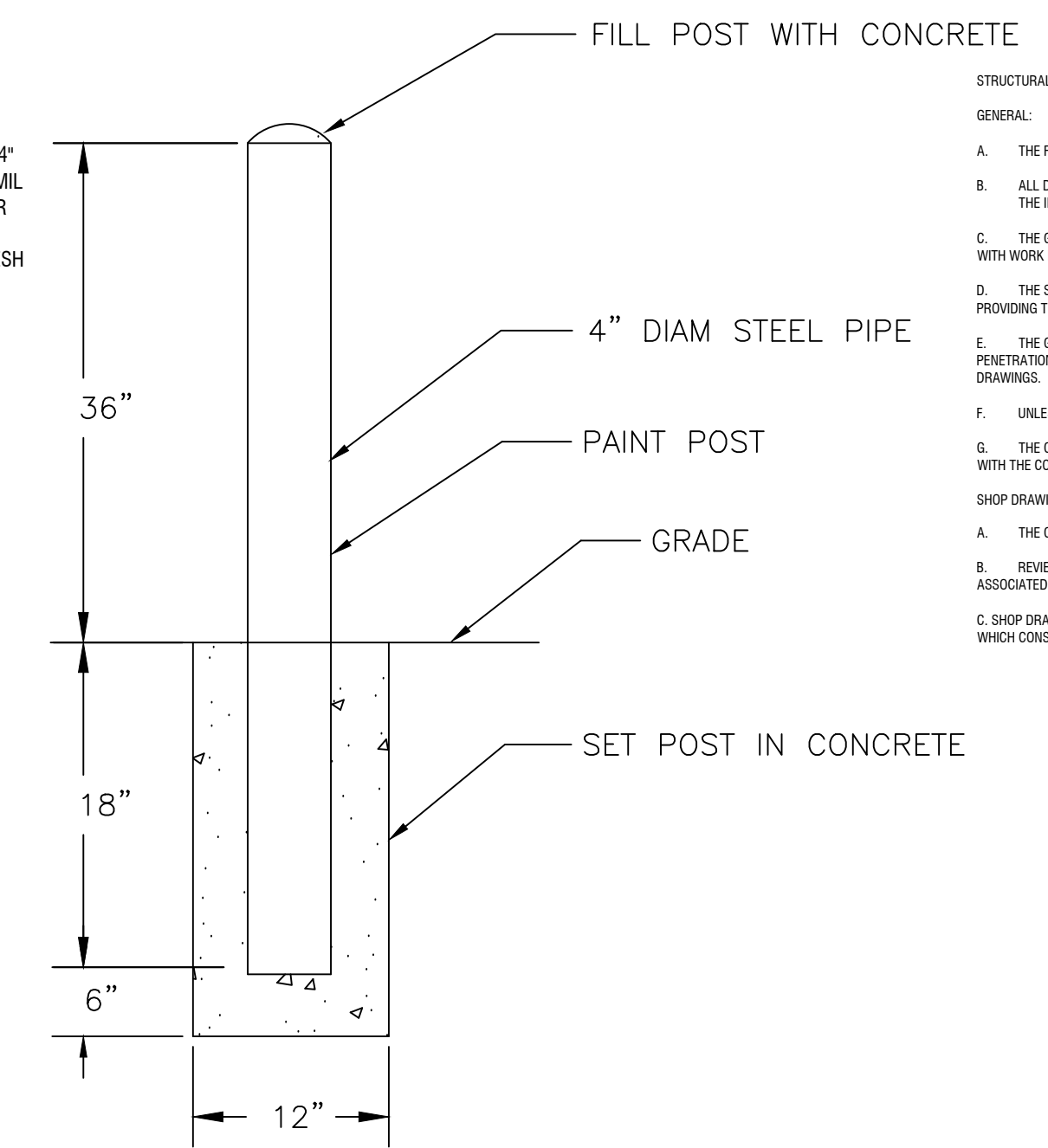
JACKSON COUNTY SENIOR CENTER
 151 GENERAL JACKSON DR. JEFFERSON
 GA 30549

SHEET TITLE: FOUNDATION PLAN	NUMBER: S-001
PRINTED:	

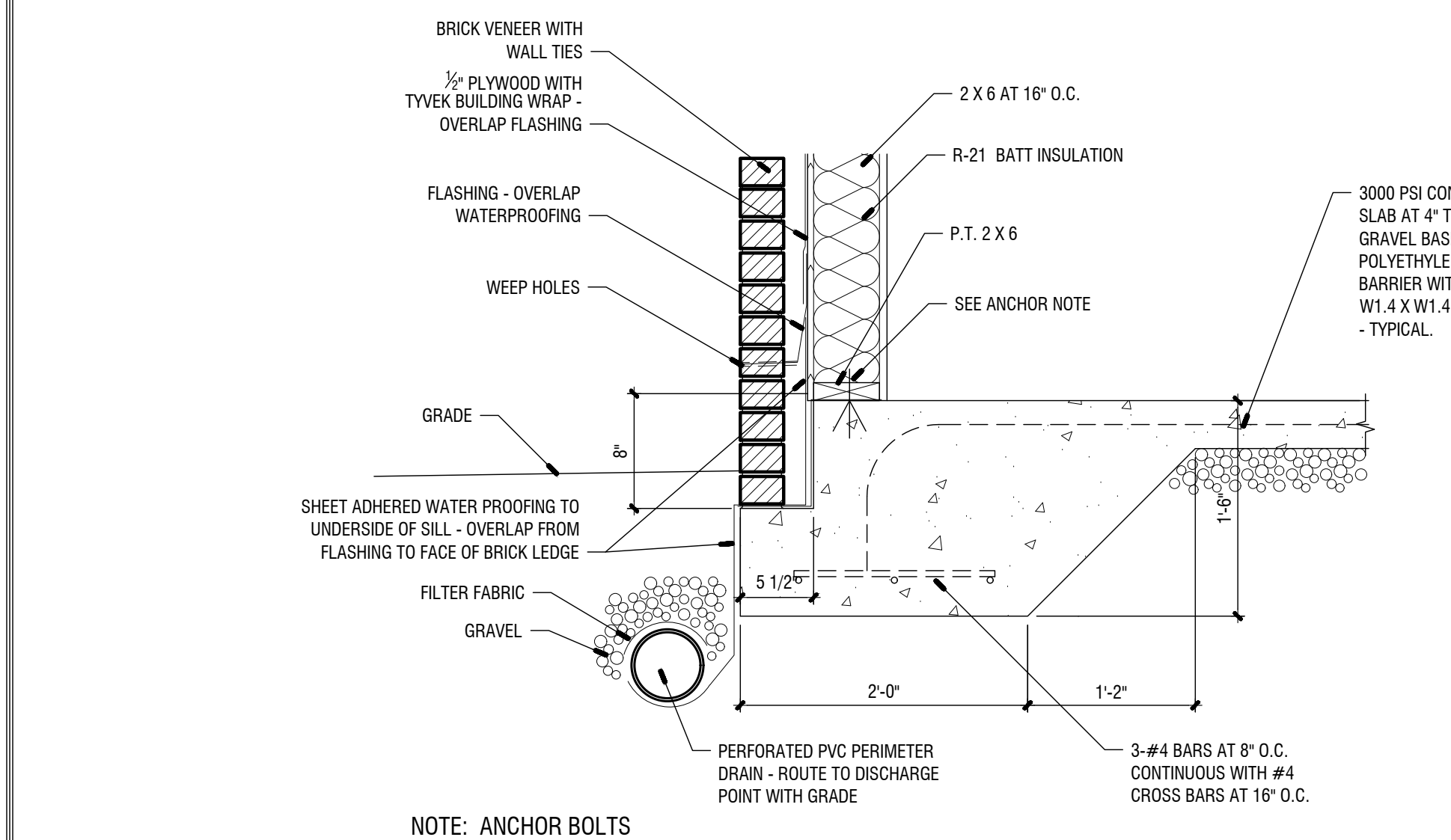


NOTE: ANCHOR BOLTS
 CONTRACTOR TO INSTALL WEDGE ANCHORS AT 32\"/>

10 TURNDOWN SLAB AT EXISTING BUILDING
 1\"/>

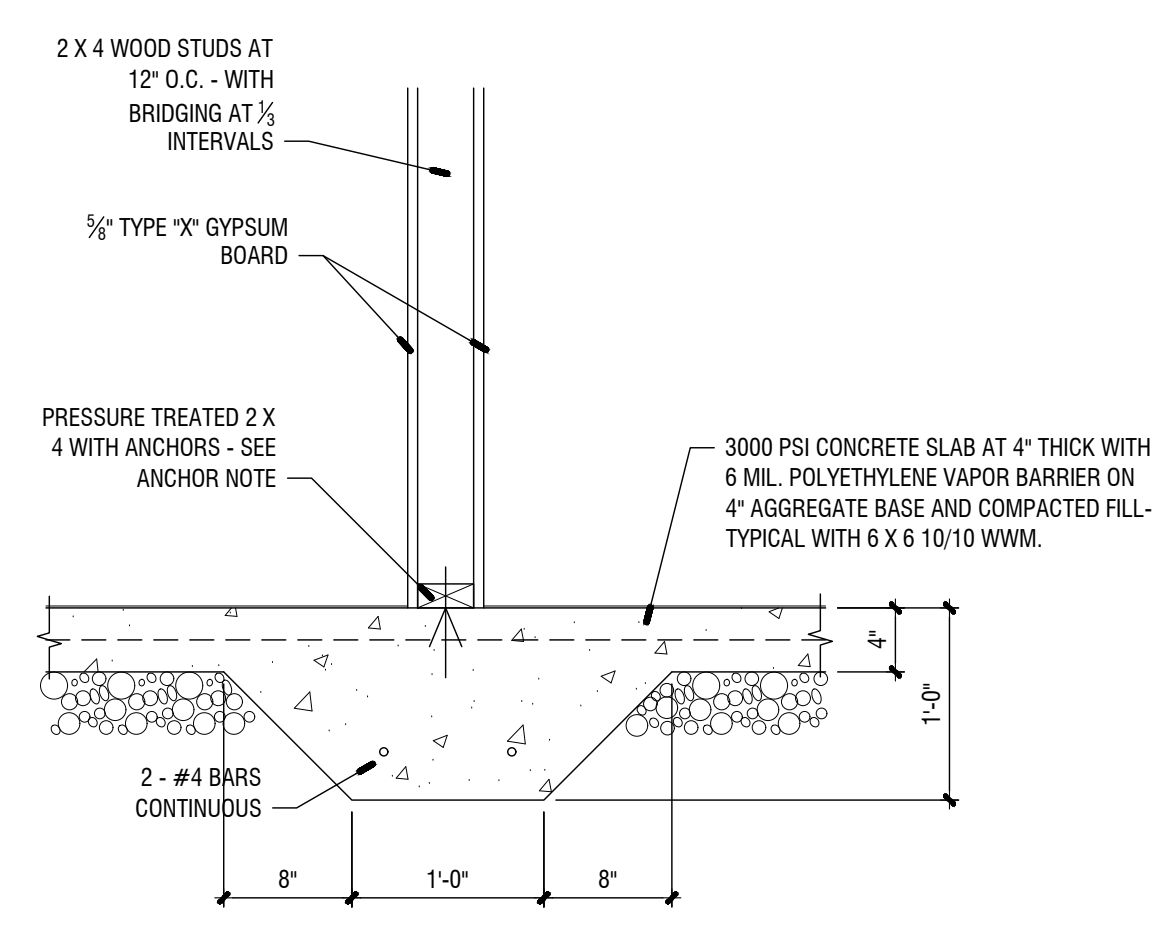


TYPICAL BOLLARD DETAIL
 N.T.S.



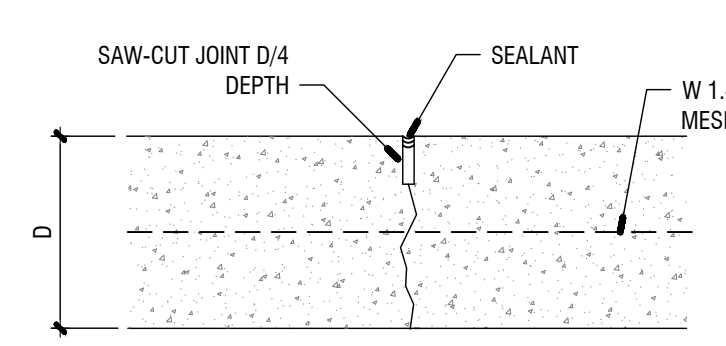
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 CONTRACTOR TO INSTALL WEDGE ANCHORS AT 32\"/>

6 TURNDOWN SLAB
 1\"/>



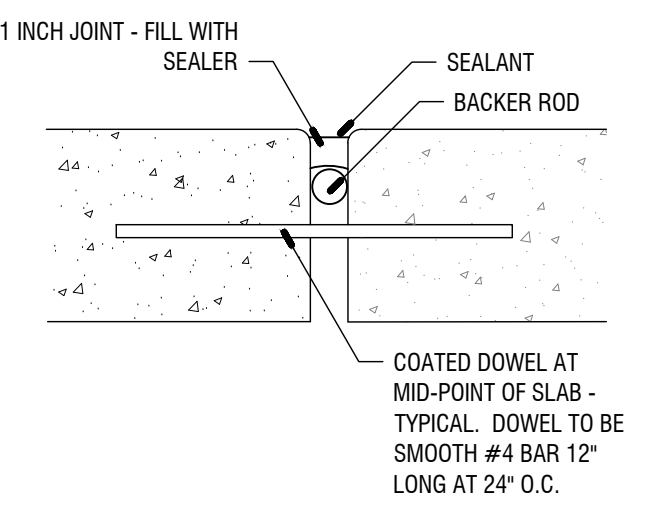
7 INTERIOR LOAD BEARING WALL
 1\"/>

NOTE:
 CONTROL JOINTS ARE TO BE CUT THE FOLLOWING DAY.



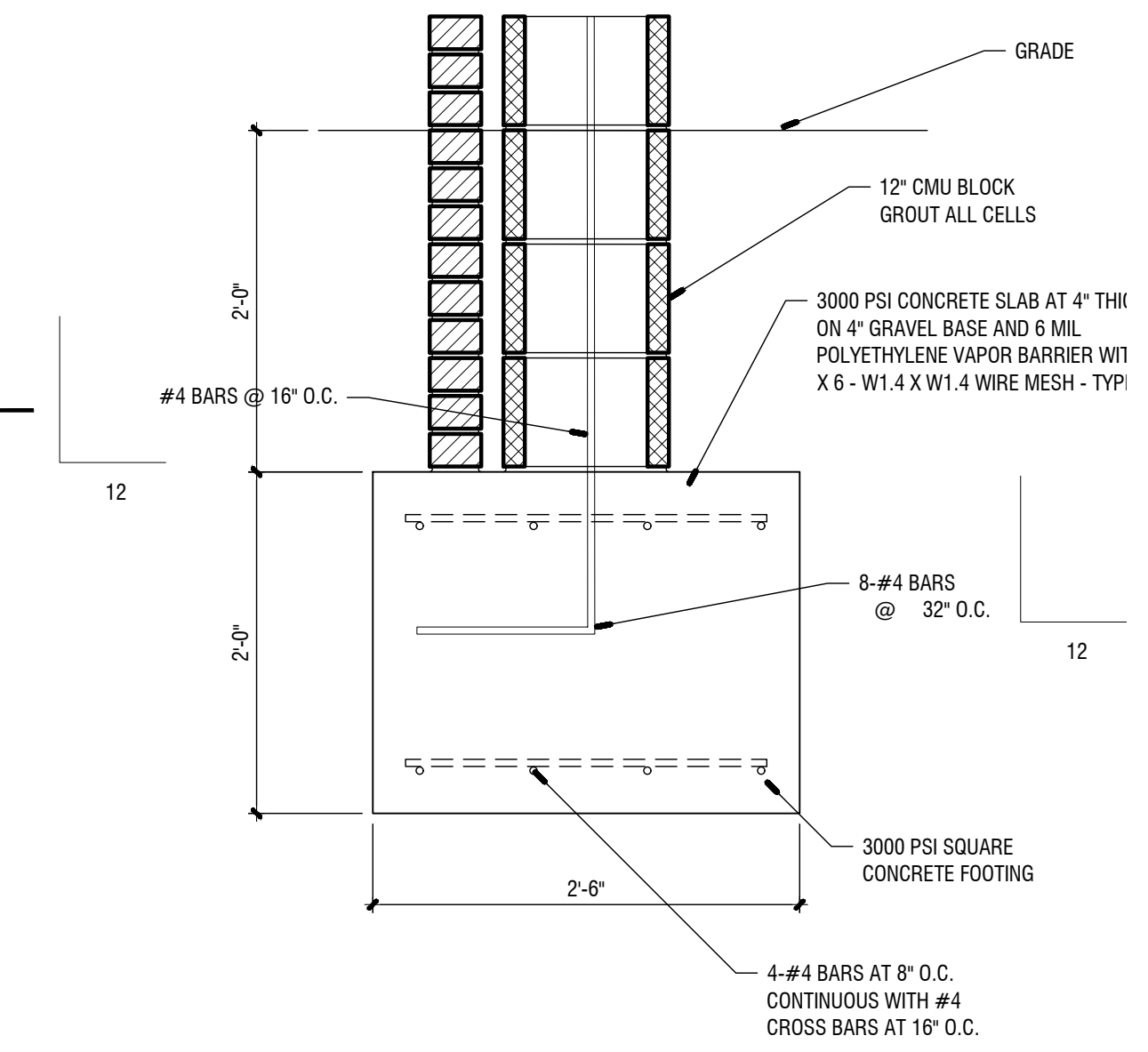
8 CONTROL JOINT
 3\"/>

NOTE:
 EXPANSION JOINT TO BE FORMED FROM THE POURING OF TWO DIFFERENT CONCRETE POURS.

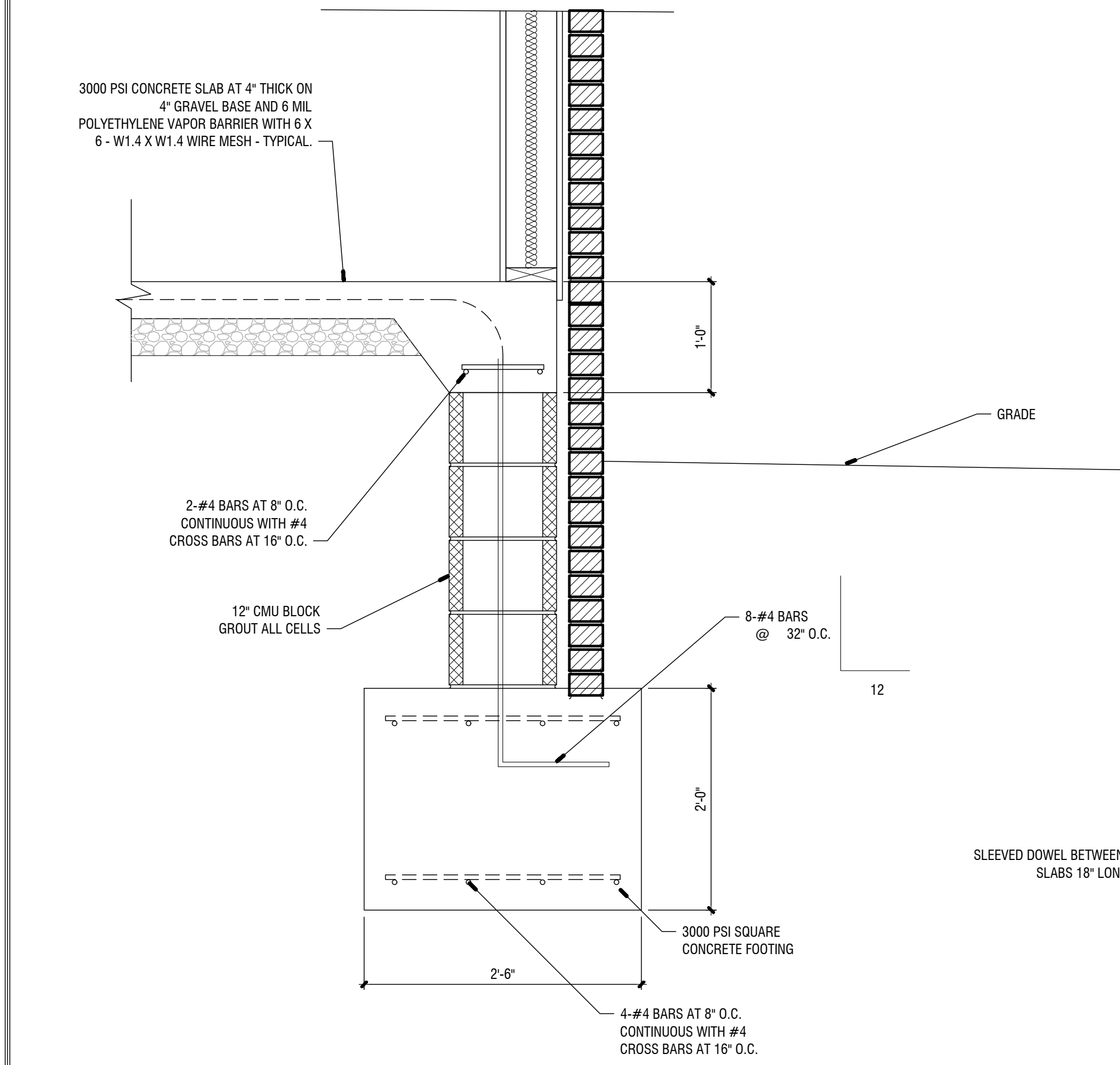


9 EXPANSION JOINT
 3\"/>

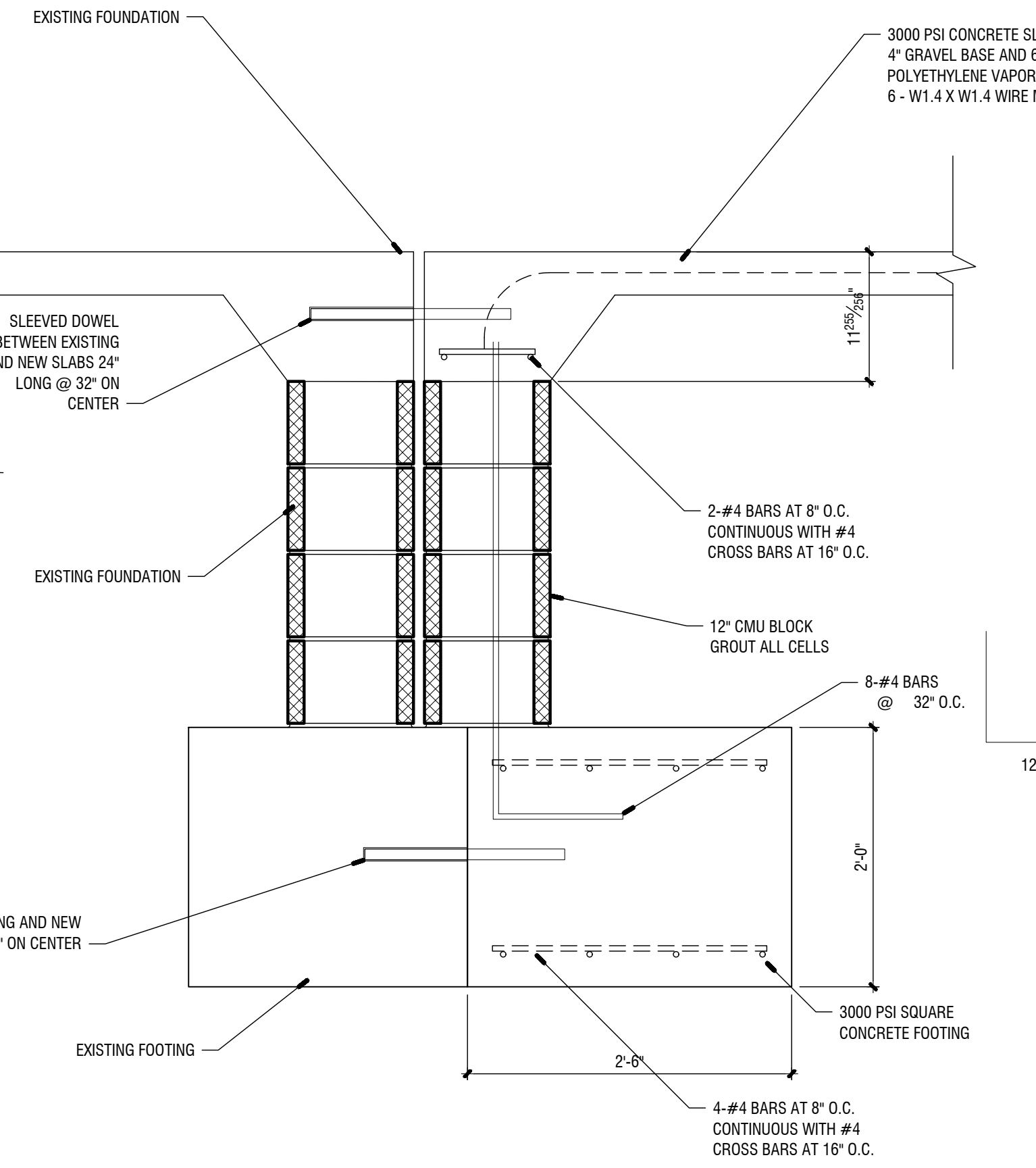
NOTE:
 1. EXPANSION JOINT TO BE FORMED FROM THE POURING OF TWO DIFFERENT CONCRETE POURS.
 2. APPLY BLOCK FILLER AND PRIME AND PAINT TO ALL INTERIOR CONCRETE BLOCK. COLORS TO BE SELECTED.
 3. CONTROL JOINTS ARE TO BE CUT THE FOLLOWING DAY.
 4. ALL INTERIOR BLOCK EXPOSED OUTSIDE CORNERS TO BE 1\"/>



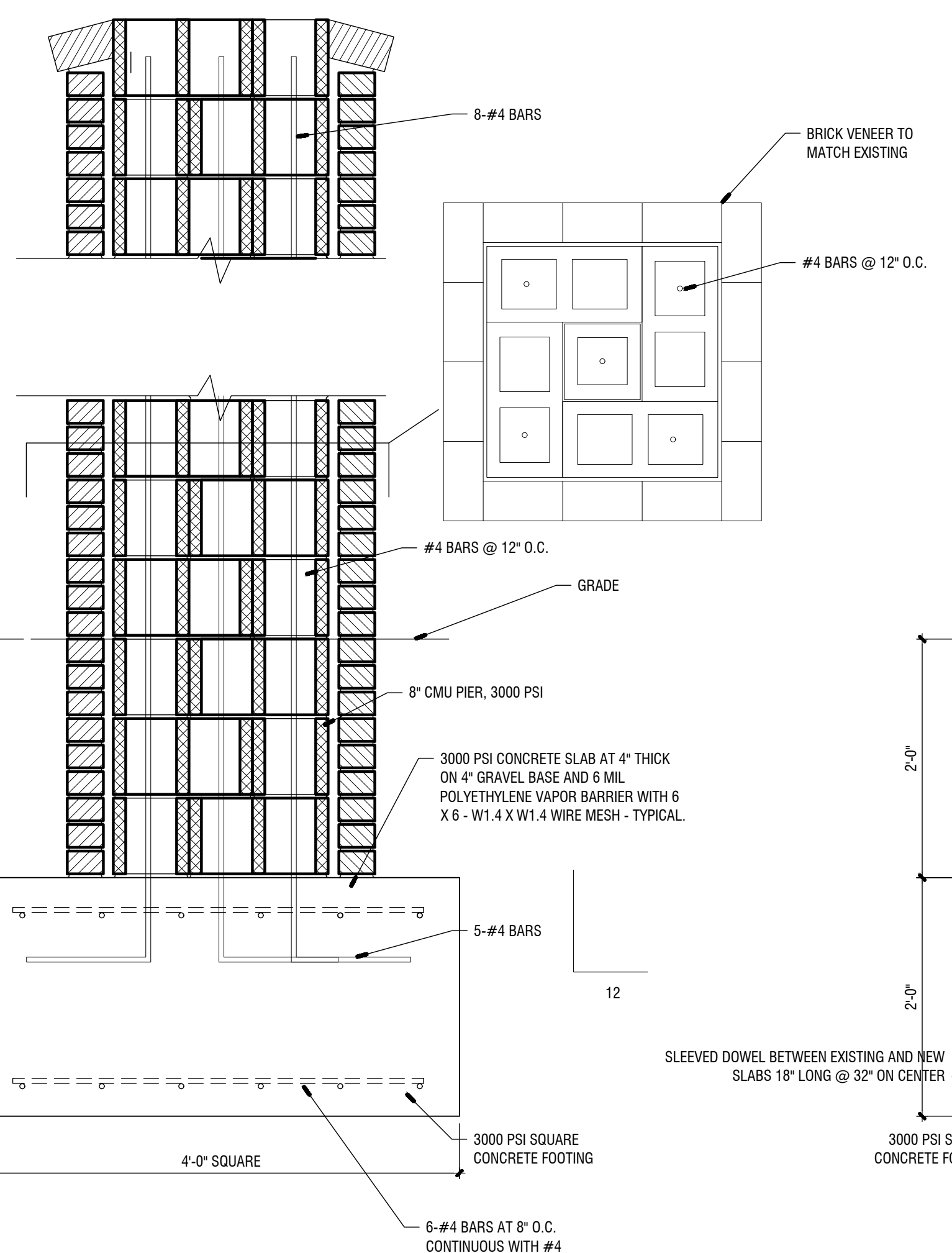
5 CMU WALL WITH FOOTING
 1\"/>



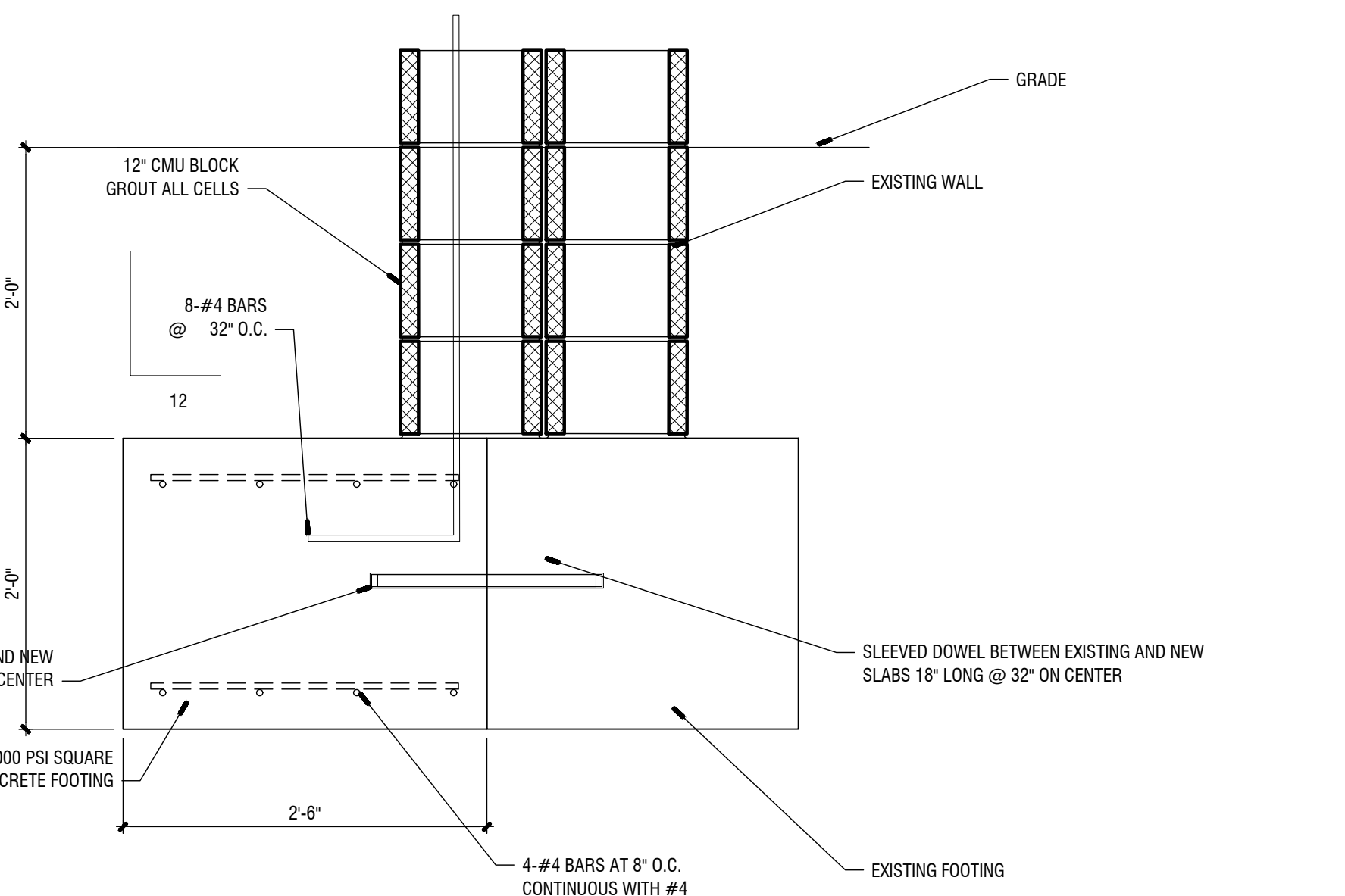
1 THICKENED SLAB WITH STEM WALL
 1\"/>



2 EXISTING SLAB @ THICKENED SLAB WITH STEM WALL
 1\"/>



3 CONCRETE PIER
 1\"/>



4 CMU WALL WITH FOOTING AT EXISTING BUILDING
 1\"/>

STRUCTURAL NOTES
 GENERAL:
 A. THE FOLLOWING NOTES APPLY TO ALL STRUCTURAL DRAWINGS.
 B. THE SITE SHALL BE PREPARED UNIFORM IN ACCORDANCE WITH ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE 2015 OPTION, CODES AND AMENDMENTS.
 C. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS.
 D. THE STRUCTURE SHOWN ON THESE DRAWINGS IS SELF-SUPPORTING UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE DESIGN, ADEQUACY, SAFETY, AND STABILITY OF ALL TEMPORARY ERECTION BRACING AND SHORING.
 E. THE GENERAL CONTRACTOR SHALL COORDINATE ALL SIZES AND LOCATIONS OF SHOP FABRICATIONS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. ALL PENETRATIONS THROUGH ROOF DECK GREATER THAN 12\"/>

SHALLOW FOUNDATIONS:
 A. DESIGN SOIL BEARING PRESSURE @ 1500 PSF.
 B. THE SITE SHALL BE PREPARED UNIFORM IN ACCORDANCE WITH CIVIL DRAWINGS & SPECIFICATIONS. A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY ALL SOIL BEARING CONDITIONS AND REPORT TO THE ARCHITECT/ENGINEER AS REQUIRED.
 C. ALL EXCAVATIONS AND BUILDING PLACES SHALL BE INSPECTED BY A QUALIFIED GEOTECHNICAL ENGINEER TO VERIFY THE DESIGN ASSUMPTIONS AND REPORT ADVISE CONDITIONS.
 D. WHERE FILL IS REQUIRED, IT SHALL BE PLACED IN ACCORDANCE WITH INSTRUCTIONS OF A QUALIFIED GEOTECHNICAL ENGINEER TO MAINTAIN DESIGN BEARING PRESSURE.
 E. FOOTING ELEVATIONS GIVEN ARE FOR THE PURPOSE OF DESIGN. SOIL BELOW FOOTING NOT MEETING DESIGN BEARING PRESSURE SHALL BE EXCAVATED TO A DEPTH OF VISIBLE DESIGN PRESSURE AND BACKFILL WITH 1\"/>

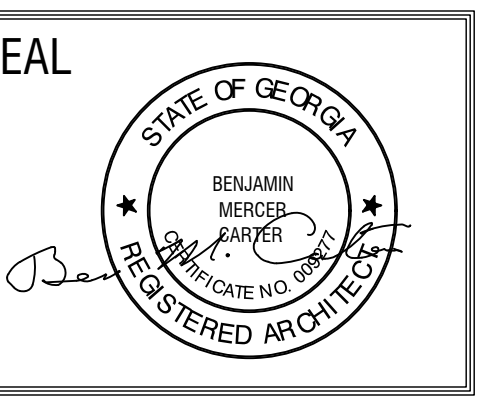
REINFORCING STEEL:
 A. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ADOPTED STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES AND SHOP DRAWINGS OF STANDARD PRACTICE LATEST EDITION.
 B. REINFORCING STEEL SHALL CONFORM TO ASTM A618, GRADE 60, UNLESS OTHERWISE NOTED.
 C. ALL TENSION PLATES, INCLUDING SPICES FROM BARS LABELED CONTINUOUS, SHALL BE CLASS \"/>

DESIGN LOADS:
 A. DESIGN ROOF DEAD LOAD: 20 PSF
 B. DESIGN ROOF LIVE LOAD: 20 PSF
 C. DESIGN FLOOR DEAD LOAD: 15 PSF
 D. DESIGN FLOOR LIVE LOAD: 125 PSF SLAB ON GRADE
 E. DESIGN SNOW LOAD: 1. GRADE: 30 PSF
 F. DESIGN WIND LOAD: 1. BASIC WIND SPEED (30-MINUTE GUST): 80 MPH
 2. WIND IMPORTANCE FACTOR: 1.4 = I
 3. BUILDING CATEGORY: 2
 4. WIND EXPOSURE CATEGORY: B
 5. COMPONENT AND CLADDING WIND PRESSURE: EDGE ZONE: -0.5, 1-20 PSF; INTERIOR ZONE: -0.1, +20 PSF
 G. DESIGN SEISMIC INFORMATION: 1. SEISMIC USE GROUP: 2. SPECTRAL RESPONSE COEFFICIENT: 0.2 = S_s 3. SPECTRAL RESPONSE COEFFICIENT: 0.1 = S₁ 4. SITE CLASS: D 5. BASE SEISMIC FORCE RESISTING SYSTEM: SHEAR WALL 6. DESIGN BASE SHEAR: 7. ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE (ELF) 8. DESIGN CATEGORY: C 9. SOIL TYPE: S-1 10. REPEAT FACTOR: 1.5 11. APPLICATION FACTOR: 0.25

REVISIONS			CONSULTANTS		
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

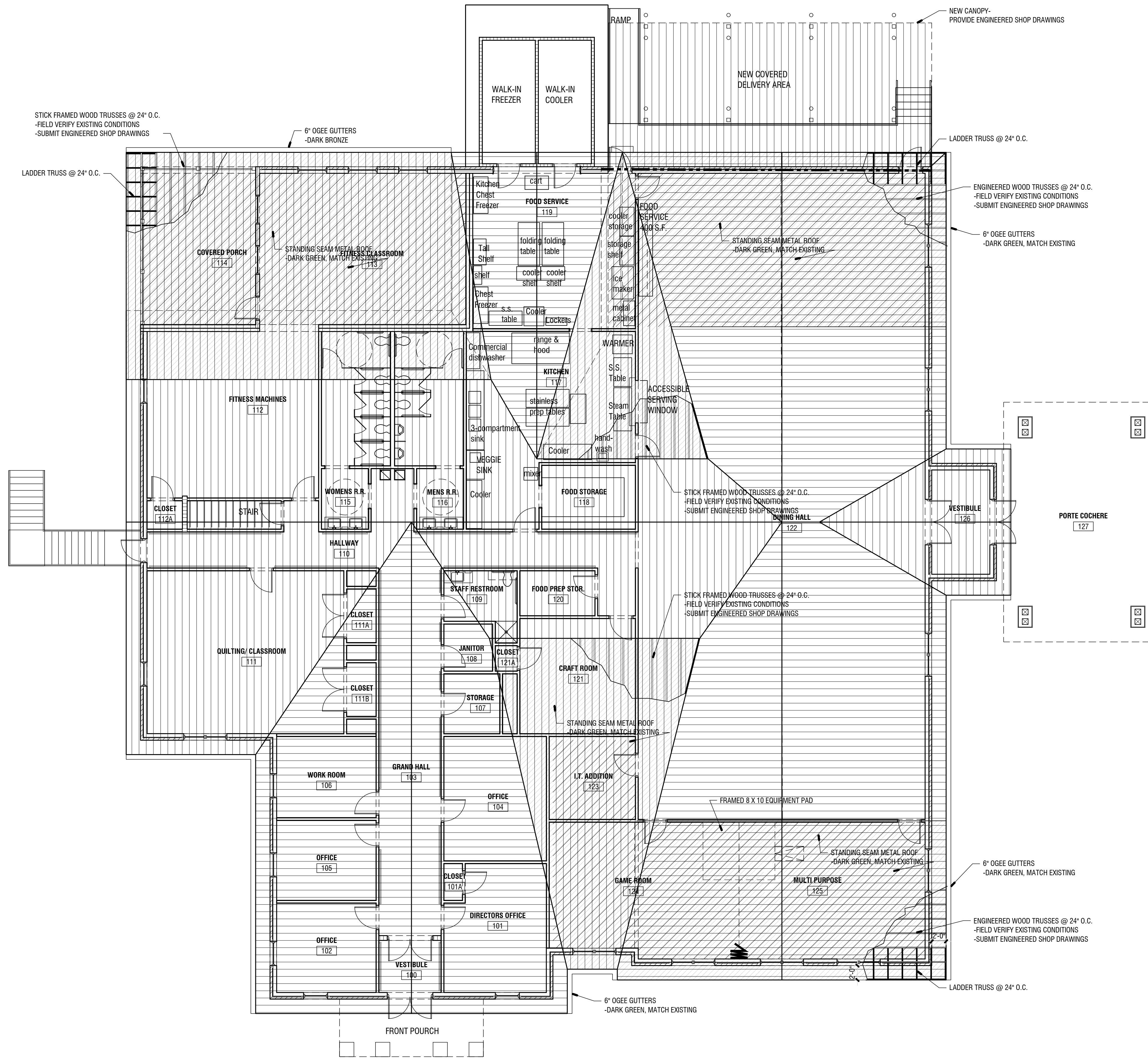
CONSULTANTS

CARTER WATKINS ASSOCIATES ARCHITECTS, INC.
 POST OFFICE BOX 1064
 137 EAST WASHINGTON STREET
 MONROE, GEORGIA 30655
 Fax: 770.267-1064
 email: c@carterwatkins.com www.carterwatkins.com



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SHEET TITLE: FOUNDATION NOTES AND DETAILS
 NUMBER: S-002
 PRINTED:



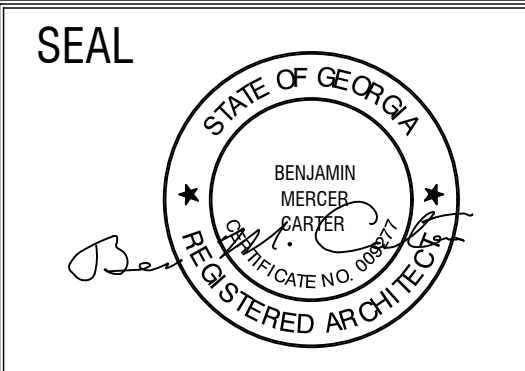
1 ROOF PLAN AND FRAMING

1/8"=1'-0"

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

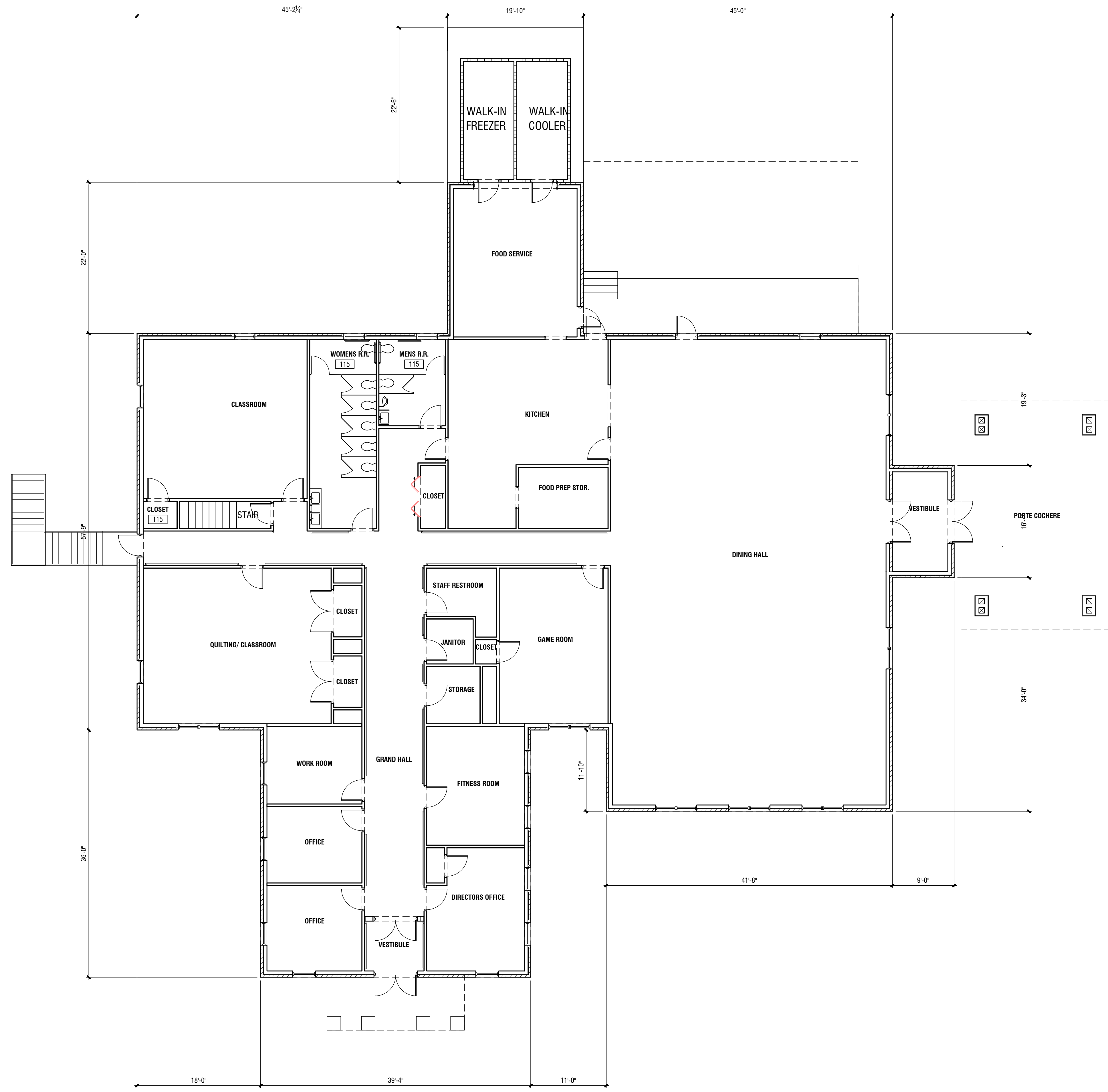
CONSULTANTS					

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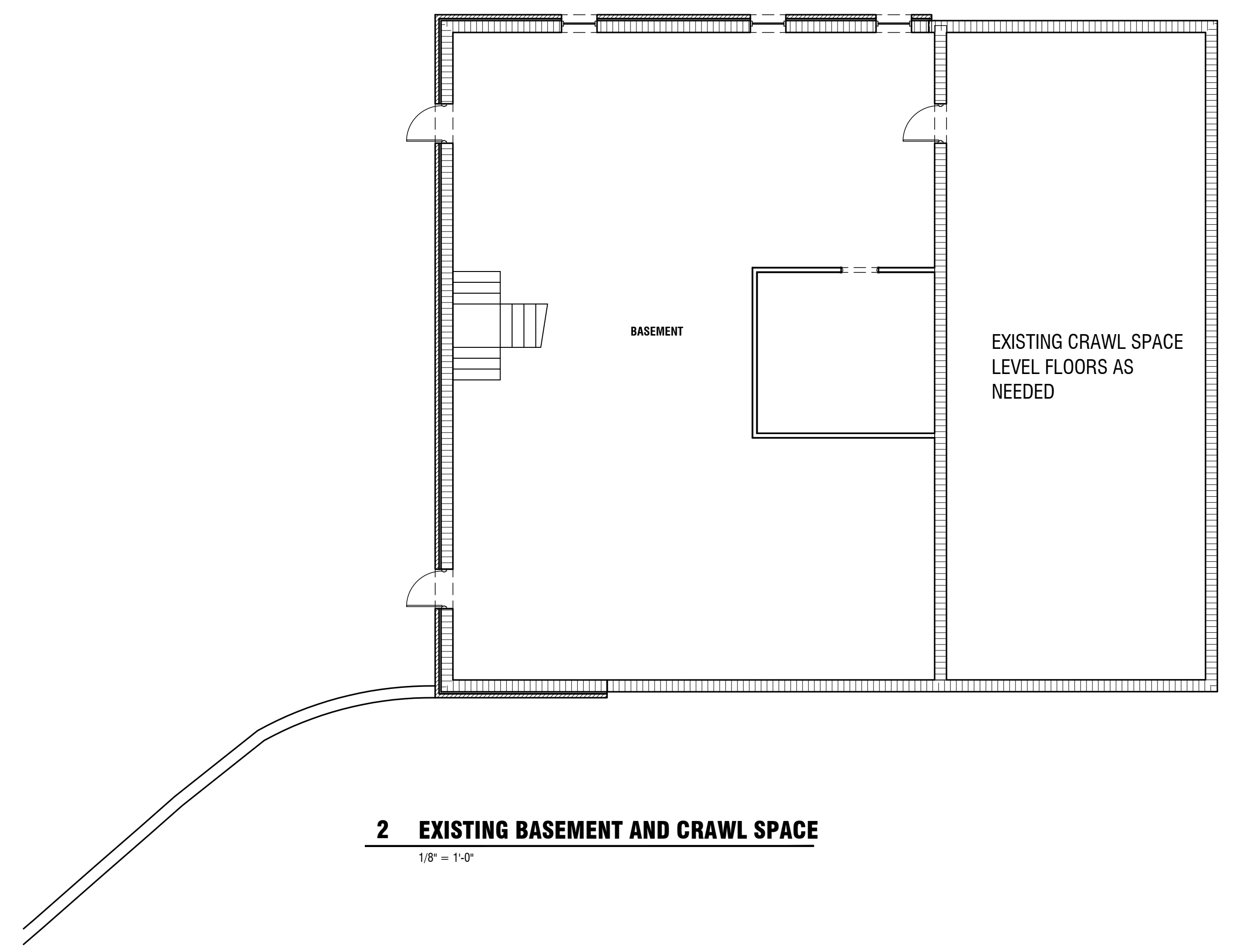


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 GA 30549

SHEET TITLE: ROOF FRAMING PLAN	NUMBER: S-003
PRINTED:	



1 EXISTING FLOOR PLAN
1/8" = 1'-0"

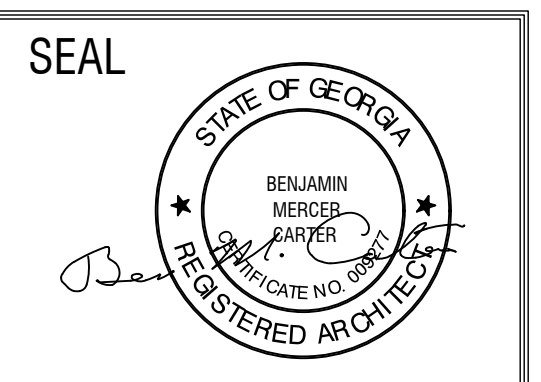


2 EXISTING BASEMENT AND CRAWL SPACE
1/8" = 1'-0"

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS	
Number	Remarks

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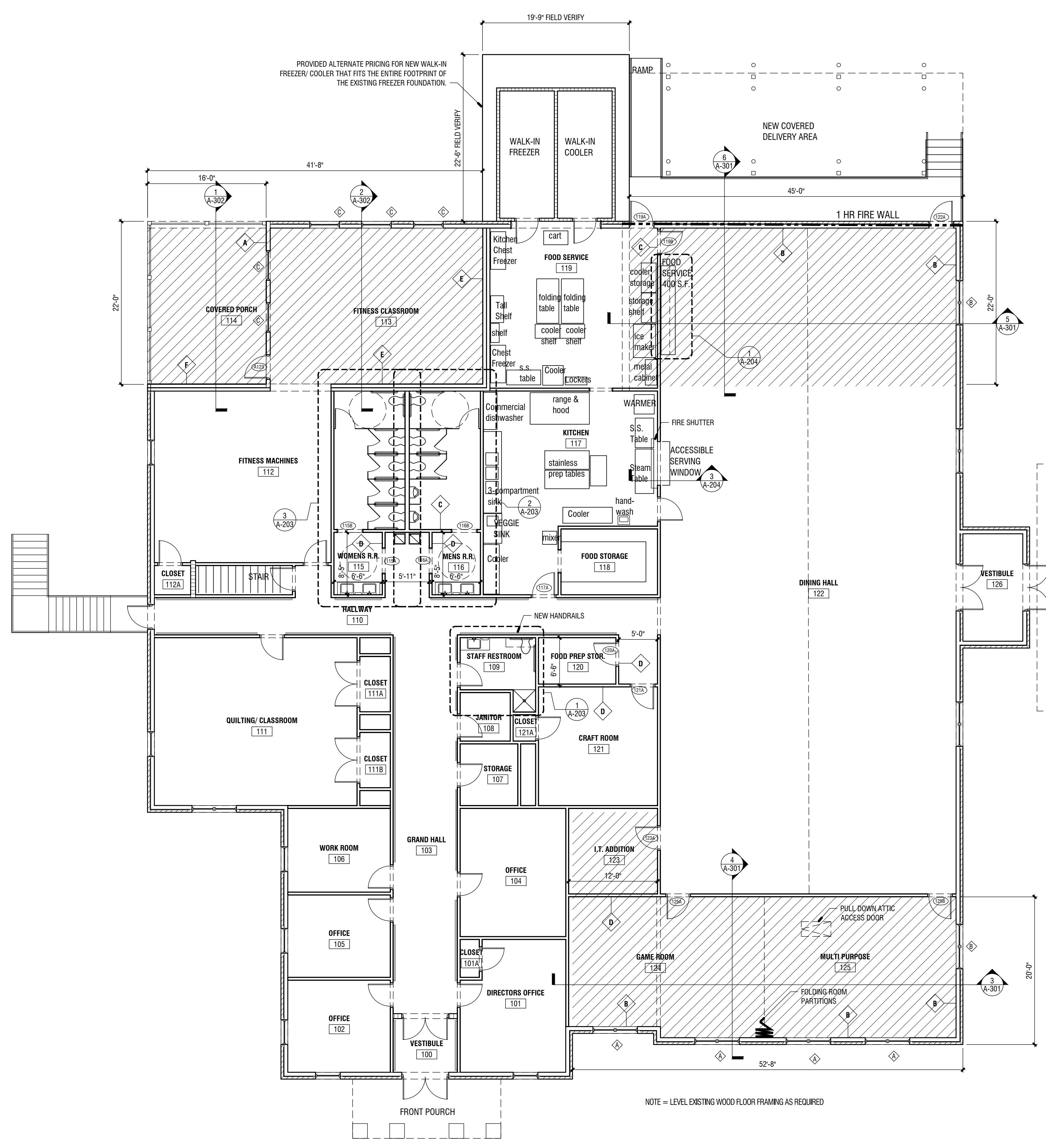


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GA 30549

SHEET TITLE: EXISTING FLOOR PLAN	NUMBER: A-101
PRINTED:	

DATE: **07/17/23**
 PRINTED

Jul 17 2023 11:58 AM T:\SHARED CAD Projects\2022 Jackson County Senior Center\Sheets\A-102 Proposed Floor Plan.dwg

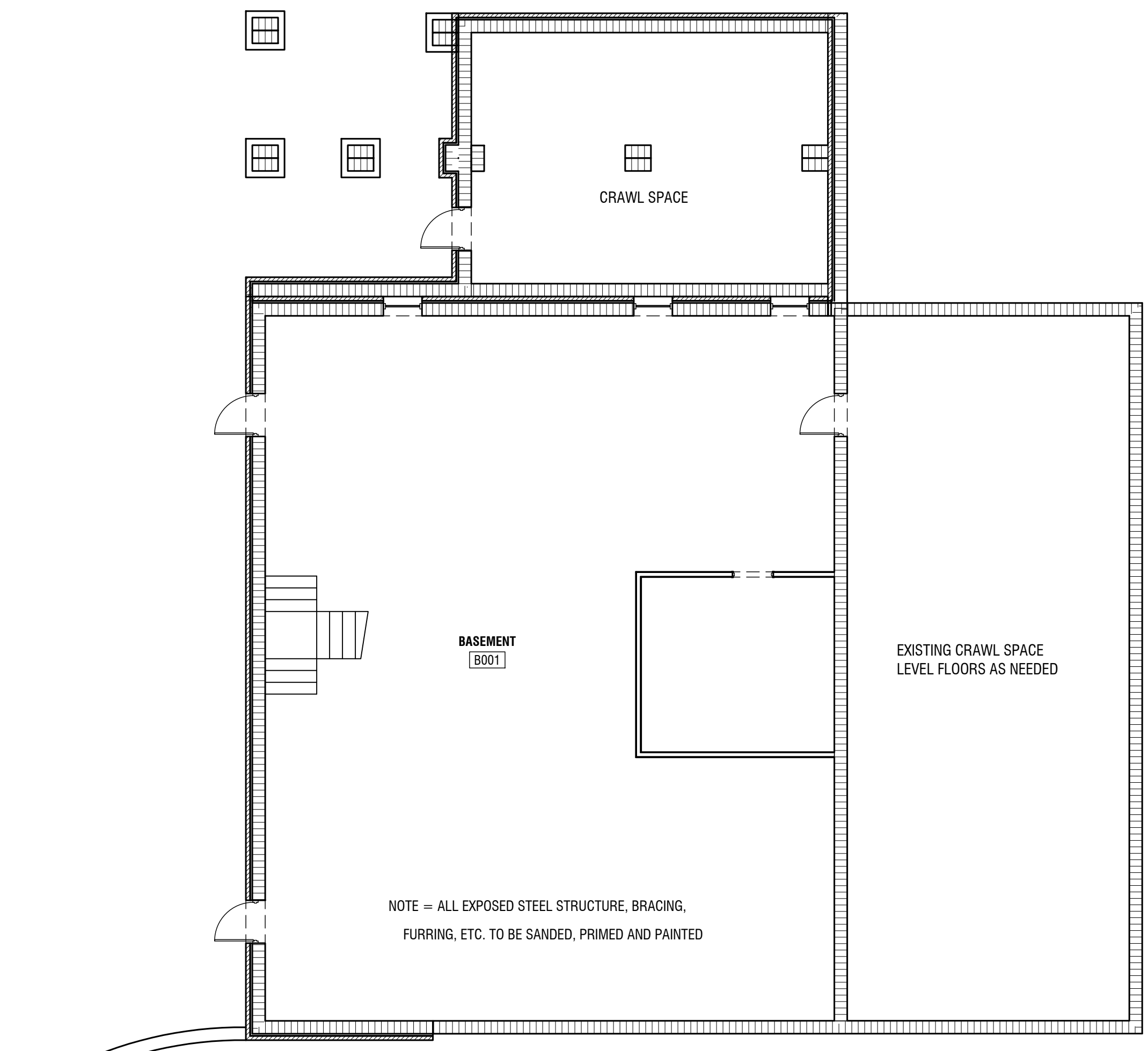
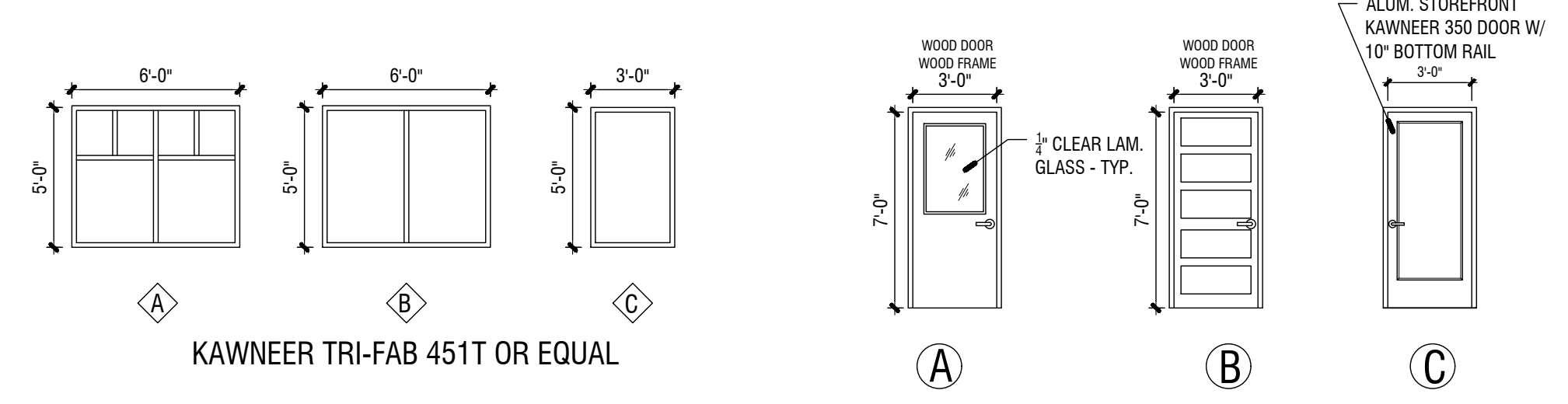


1 PROPOSED FLOOR PLAN
1/8" = 1'-0"

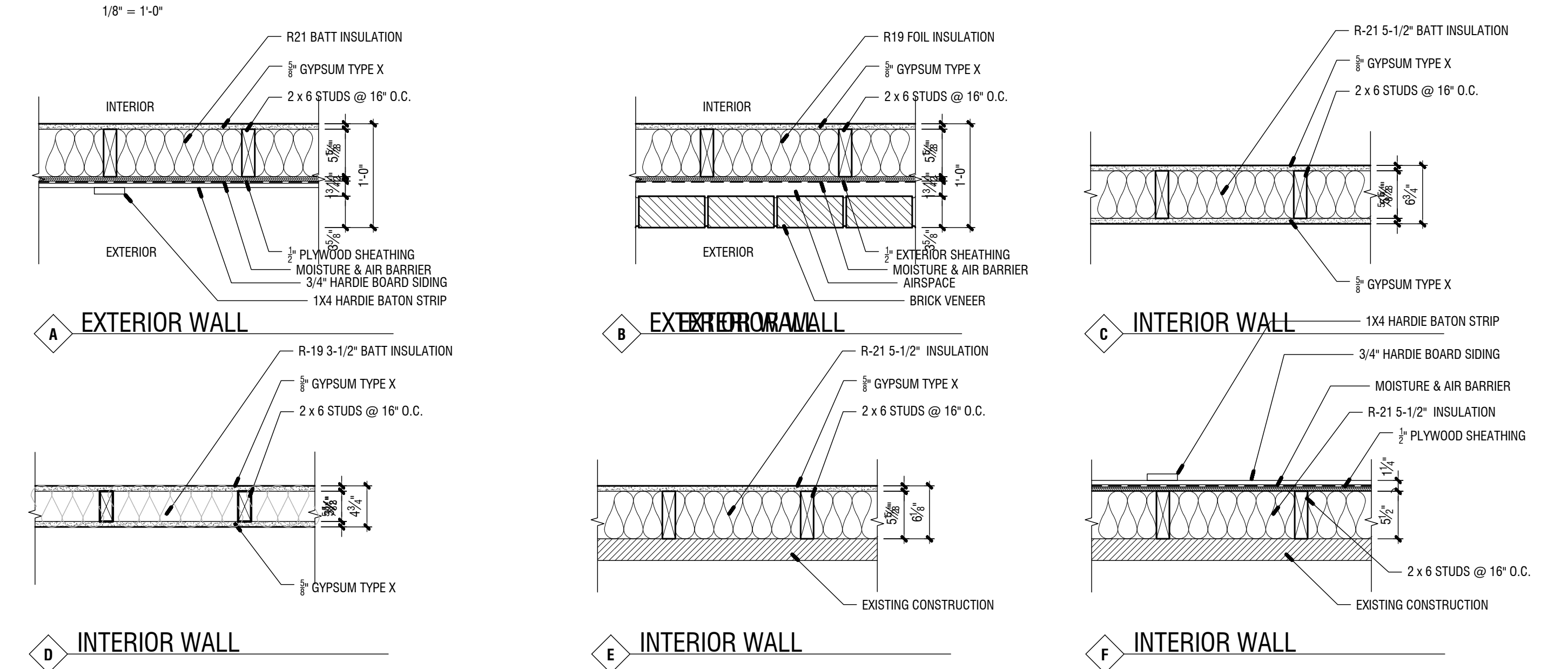
ROOM FINISH SCHEDULE - NOTE:						
ROOM NO.	ROOM NAME	FLOORS	BASE	WALLS	CEILING	REMARKS
8001	BASEMENT	EXISTING	EXISTING	EXISTING	EXISTING	PAINT STEEL SUPPORT COLUMNS
100	VESTIBULE	LVP	RUBBER	PT	PT	
101	DIRECTORS OFFICE	LVP	RUBBER	PT	PT	
101A	CLOSET	LVP	RUBBER	PT	PT	
102	OFFICE	LVP	RUBBER	PT	PT	
103	GRAND HALL	LVP	RUBBER	PT	PT	
104	OFFICE	LVP	RUBBER	PT	PT	
105	OFFICE	LVP	RUBBER	PT	PT	
106	WORK ROOM	LVP	RUBBER	PT	PT	
107	STORAGE	LVP	RUBBER	PT	PT	
108	JANITOR	LVP	RUBBER	PT	PT	
109	STAFF RESTROOM	C.T.	C.T.	C.T.	PT	
110	HALLWAY	LVP	RUBBER	PT	PT	
111	QUILTING/CLASSROOM	LVP	RUBBER	PT	PT	
111A	CLOSET	LVP	RUBBER	PT	PT	
111B	CLOSET	LVP	RUBBER	PT	PT	
112	FITNESS MACHINES	LVP	RUBBER	PT	PT	
112A	CLOSET	LVP	RUBBER	PT	PT	
113	FITNESS CLASSROOM	LVP	RUBBER	PT	PT	
114	COVERED PORCH	C.T.	H.B.	PT	PT	
115	WOMENS R.R.	C.T.	C.T.	C.T.	PT	
116	MENS R.R.	C.T.	C.T.	C.T.	PT	
117	KITCHEN	LVP	RUBBER	PT	PT	
118	FOOD STORAGE	LVP	RUBBER	PT	PT	
119	FOOD SERVICE	LVP	RUBBER	PT	PT	
120	FOOD PREP STOR.	LVP	RUBBER	PT	PT	
121	CRAFT ROOM	LVP	RUBBER	PT	PT	
122	DINING HALL	LVP	RUBBER	PT	PT	
123	I.T. ADDITION	LVP	RUBBER	PT	PT	
124	GAME ROOM	LVP	RUBBER	PT	PT	
125	MULTI PURPOSE	LVP	RUBBER	PT	PT	
126	VESTIBULE	LVP	RUBBER	PT	PT	
127	PORTE COCHERE	EXISTING	EXISTING	PT	PT	

DOOR SCHEDULE - NOTE: PROVIDE FRAME INSULATION AT ALL EXTERIOR DOORS								
DOOR NO.	DOOR SIZE	DOOR TYPE	DOOR	DOOR FINISH	FRAME	FRAME FINISH	RATING	REMARKS
115A	3'-0" x 7'-0"	C.O.	-	-	WOOD	P.T.		
115B	3'-4" x 7'-0"	C.O.	-	-	WOOD	P.T.		
116A	3'-0" x 7'-0"	C.O.	-	-	WOOD	P.T.		
116B	3'-4" x 7'-0"	C.O.	-	-	WOOD	P.T.		
117A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		
118A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		20 MIN FIRE RATING
119B	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		
120A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		
121A	3'-0" x 7'-0"	B	H.M.	P.T.	H.M.	P.T.		
122A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		20 MIN FIRE RATING
123A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		
125A	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		
125B	3'-0" x 7'-0"	A	H.M.	P.T.	H.M.	P.T.		

C.O. = WOOD FRAMED CASSED OPENING TRIMMED WITH GYB



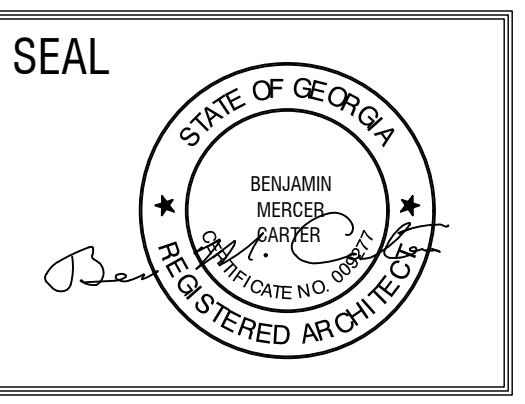
2 PROPOSED BASEMENT AND CRAWL SPACE



REVISIONS			CONSULTANTS		
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS

CARTER WATKINS ASSOCIATES ARCHITECTS, INC.
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137 EAST WASHINGTON STREET
MONROE, GEORGIA 30655
FAX: 770.267.1064
email@carterwatkins.com www.carterwatkins.com

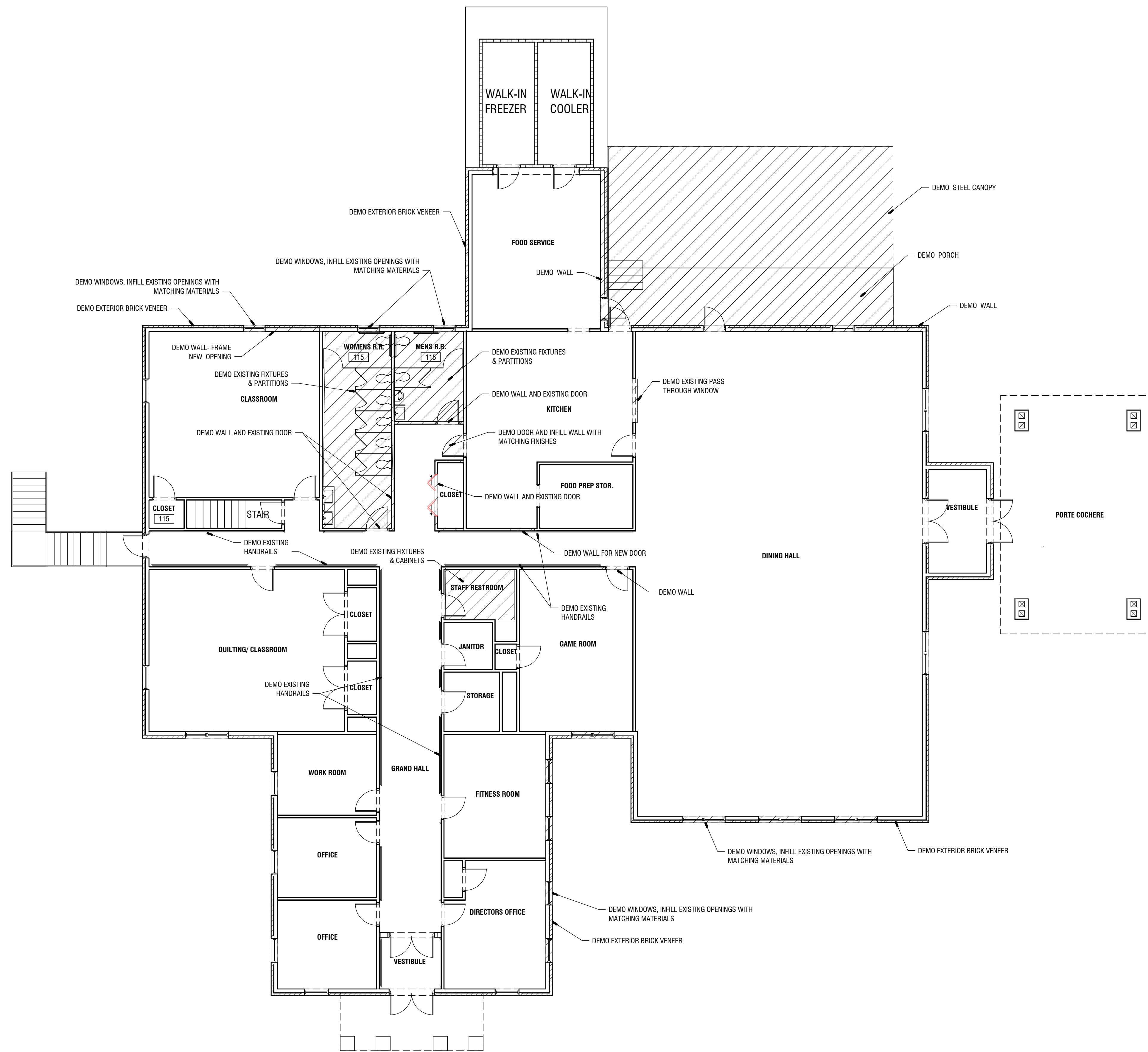


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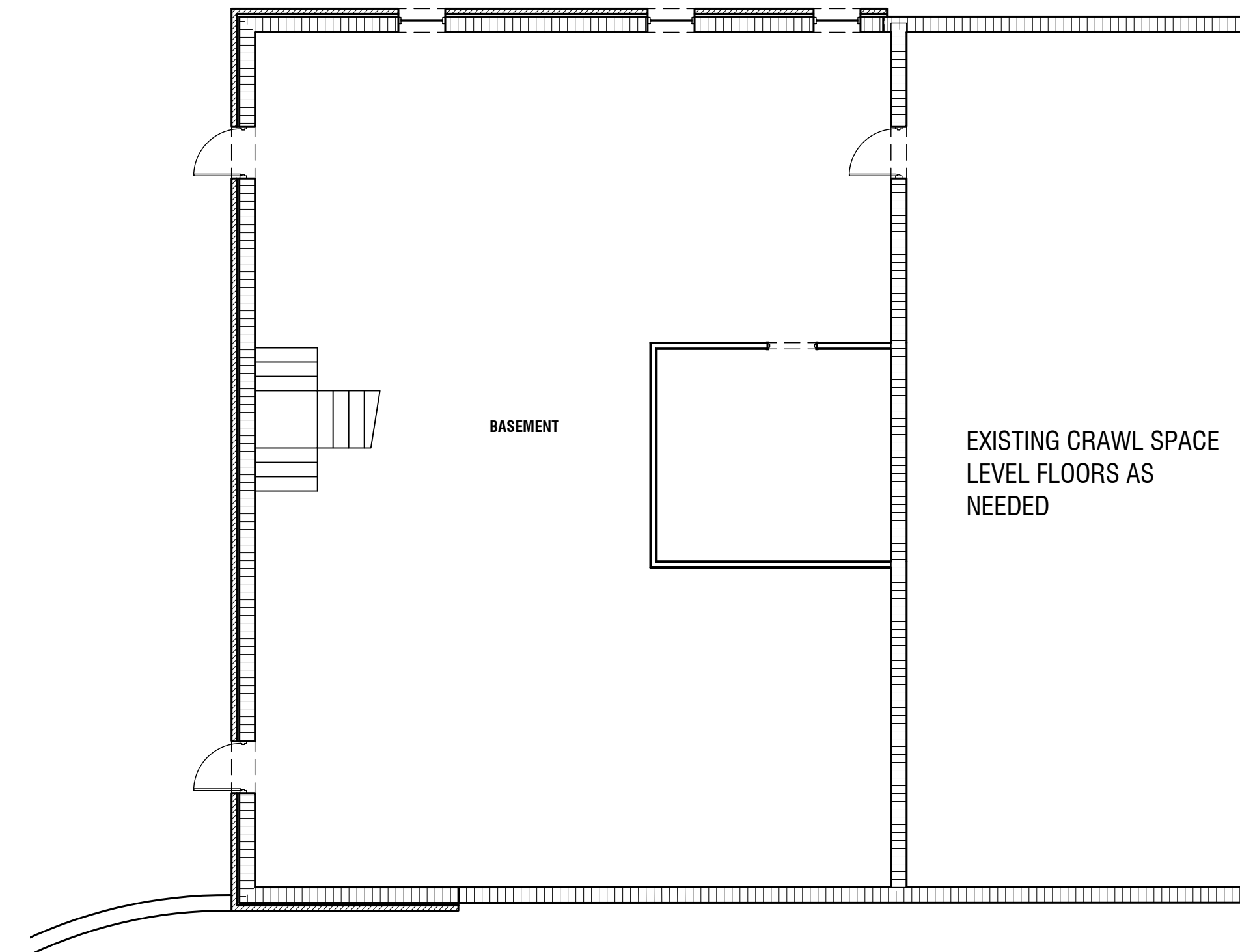
SHEET TITLE:
PROPOSED FLOOR PLAN
PRINTED:

NUMBER:
A-102

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1 DEMO PLAN
1/8" = 1'-0"



2 DEMO BASEMENT AND CRAWL SPACE
1/8" = 1'-0"

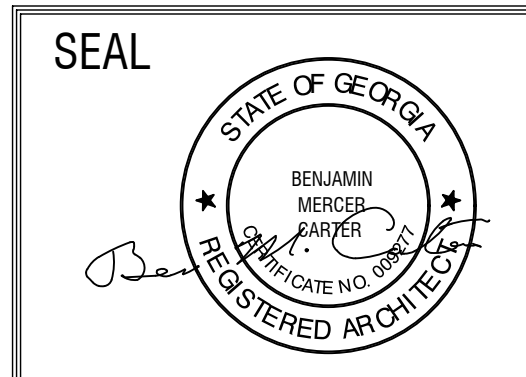
- DEMO NOTES:
1. DEMO ALL EXISTING FLOORING.
 2. DEMO WALLPAPER WAINSCOT THROUGHOUT BUILDING.
 3. DEMO ADA HANDRAILS.

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS		
Number	Date	Remarks

**CARTER WATKINS ASSOCIATES
ARCHITECTS, INC.**

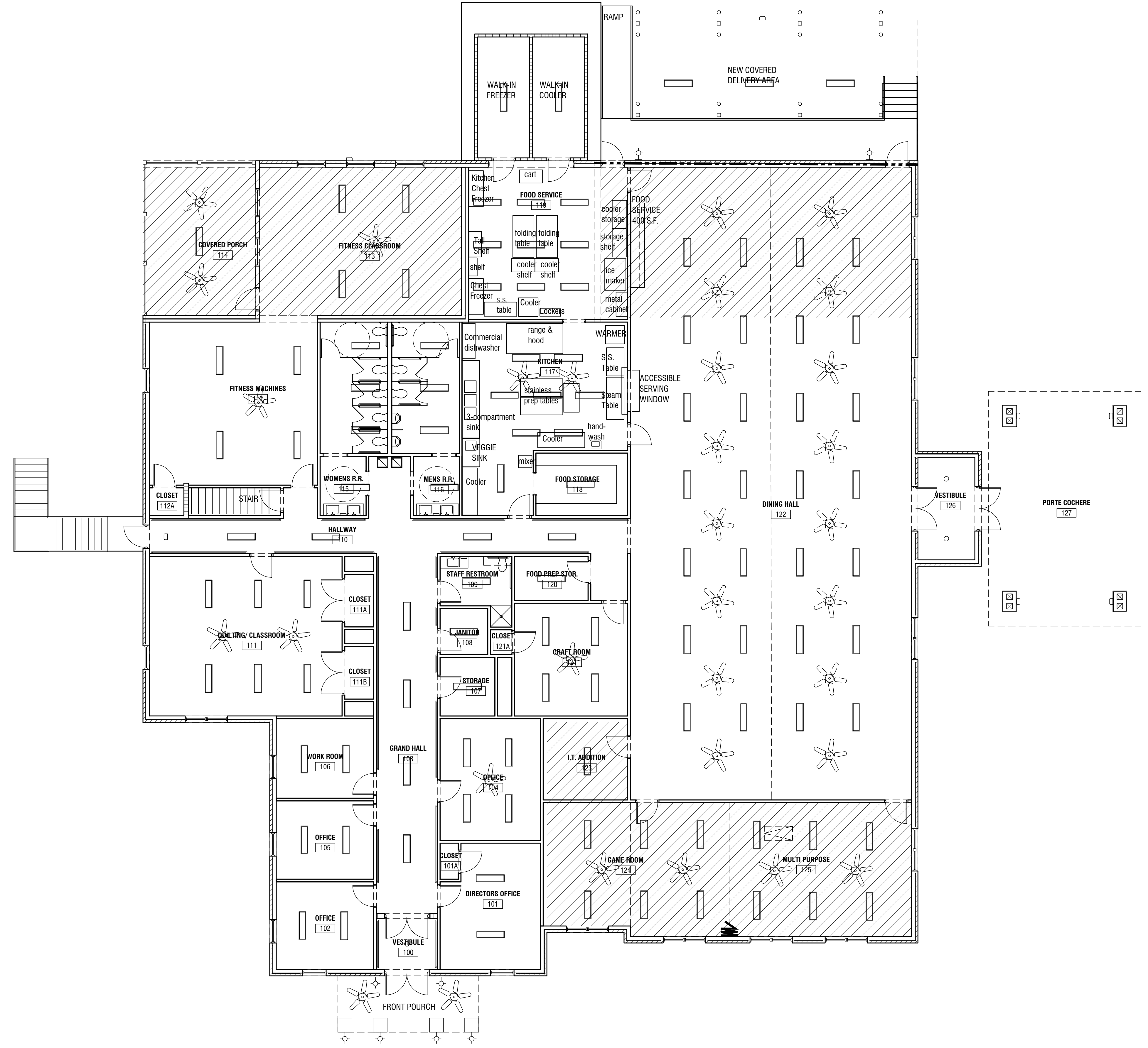
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email@carterwatkins.com www.carterwatkins.com



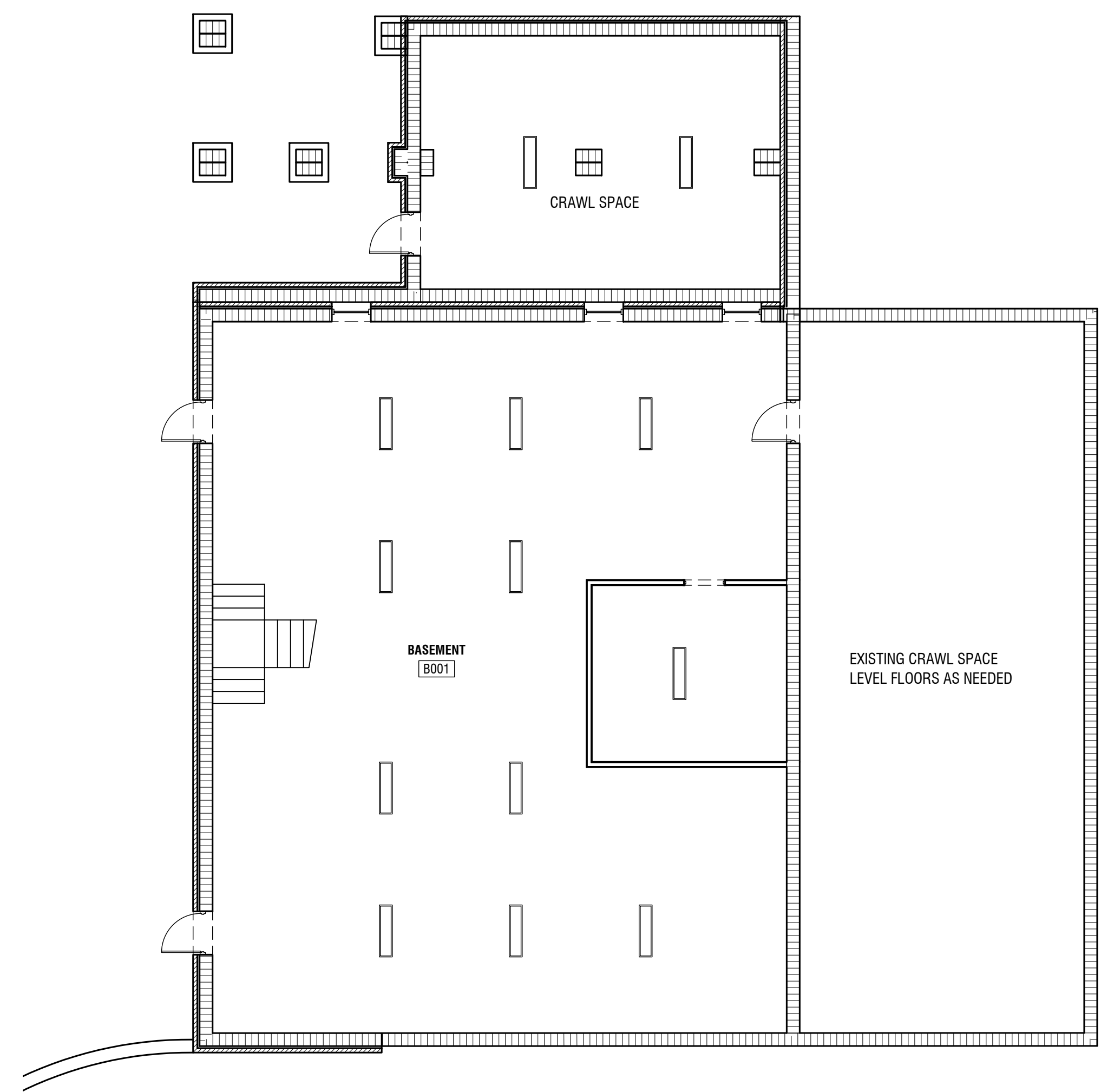
**JACKSON COUNTY
SENIOR CENTER**
151 GENERAL JACKSON DR. JEFFERSON
GA 30549

SHEET TITLE: DEMO PLAN	NUMBER: A-103
PRINTED:	

JUL 17 2023 11:51 AM T:\SHARED CAD\Projects\2022 Jackson County Senior Center\Sheet A-104 REFLECTIVE CEILING PLAN.rvt



1 REFLECTIVE CEILING PLAN
1/8" = 1'-0"

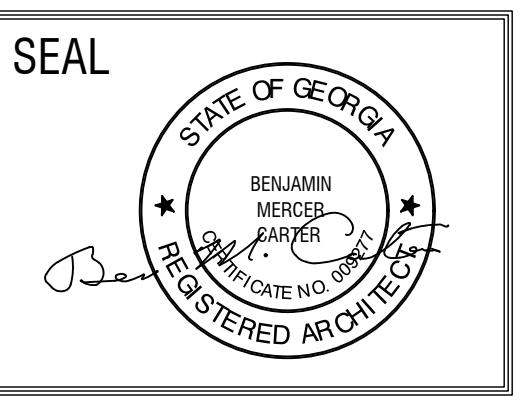


2 BASEMENT REFLECTIVE CEILING PLAN
1/8" = 1'-0"

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS					
Number	Date	Remarks	Number	Date	Remarks

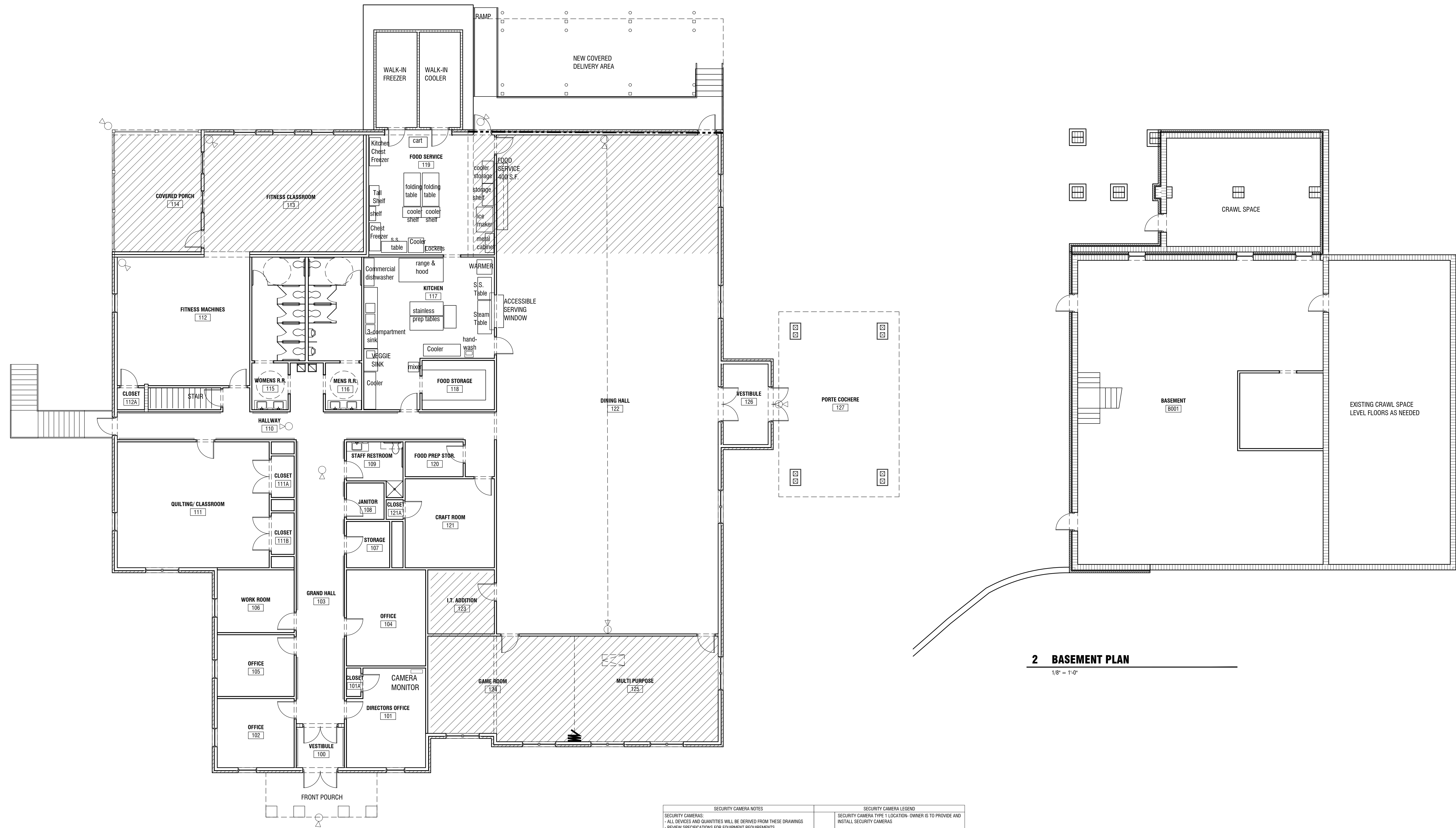
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SHEET TITLE: REFLECTIVE CEILING FAN	NUMBER: A-104
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1 BASE FLOOR PLAN

1/8" = 1'-0"

2 BASEMENT PLAN

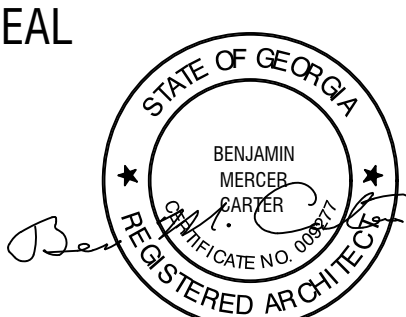
1/8" = 1'-0"

SECURITY CAMERA NOTES	SECURITY CAMERA LEGEND
SECURITY CAMERAS: - ALL DEVICES AND QUANTITIES WILL BE DERIVED FROM THESE DRAWINGS - REVIEW SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS - SECURITY SYSTEMS CONTRACTOR WILL PROVIDE ALL ANCILLARY EQUIPMENT NECESSARY TO PROVIDE A FULLY FUNCTIONING VIDEO SURVEILLANCE MANAGEMENT SYSTEM. THIS INCLUDES BUT IS NOT LIMITED TO: - VIDEO WALL COMPONENTS - CAMERA ACCESSORIES SUCH AS MOUNTS, ETC. - NETWORK SWITCHES FROM THE SAME MANUFACTURER AS CAMERAS FINAL LOCATIONS OF HEAD END / DISTRIBUTED CONTROL EQUIPMENT TO BE DETERMINED BY ARCHITECT AND CLIENT. *DATA DROPS ARE TO BE CERTIFIED	SECURITY CAMERA TYPE 1 LOCATION - OWNER IS TO PROVIDE AND INSTALL SECURITY CAMERAS

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS					


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 137 EAST WASHINGTON STREET
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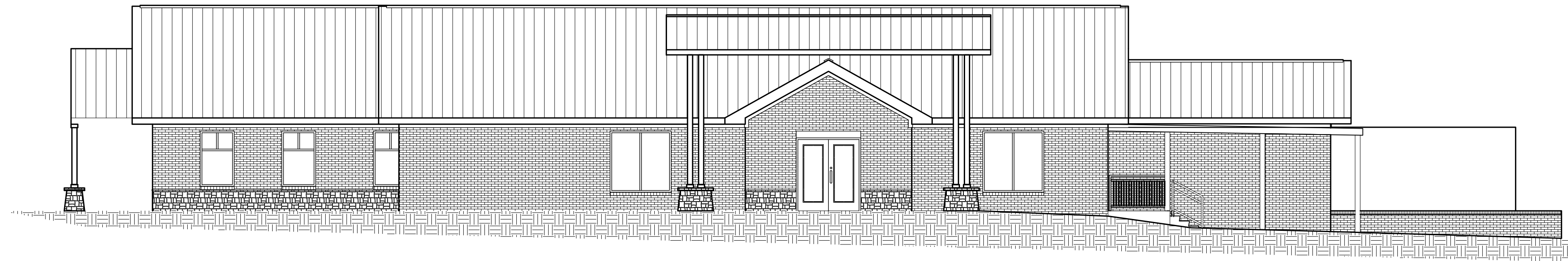
SEAL


JACKSON COUNTY SENIOR CENTER
151 GENERAL JACKSON DR. JEFFERSON
GA 30549

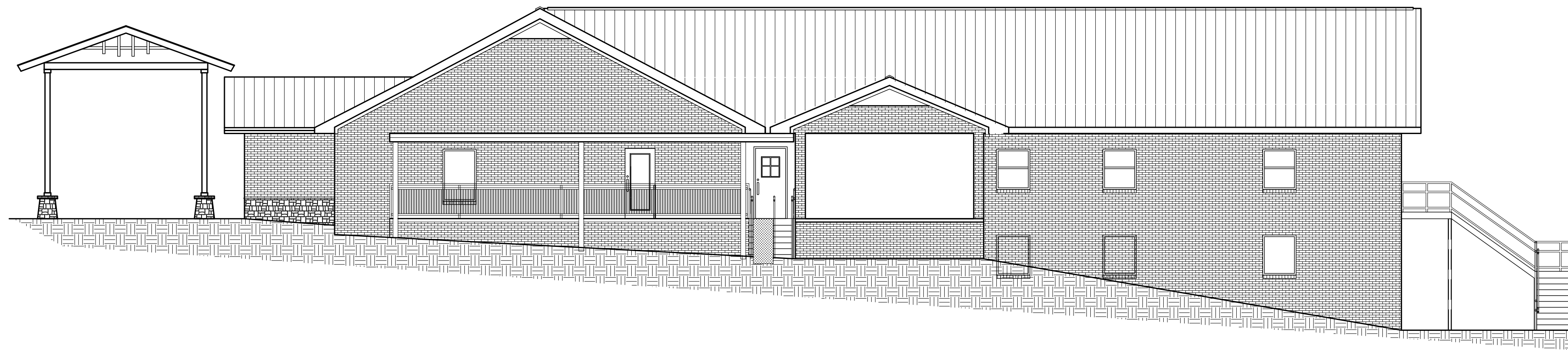
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PRINTED:	



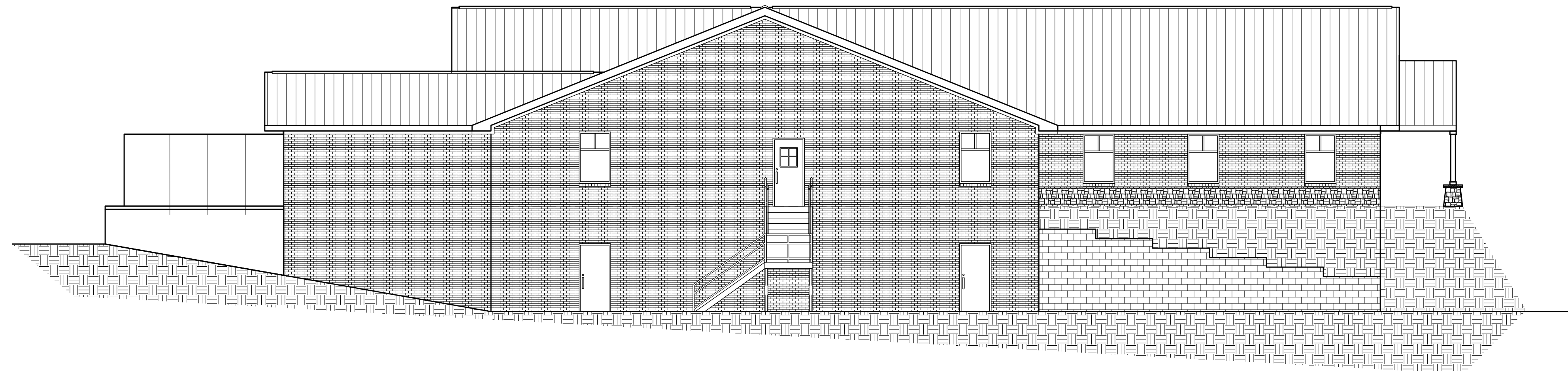
1 SOUTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"



3 NORTH ELEVATION
1/8" = 1'-0"



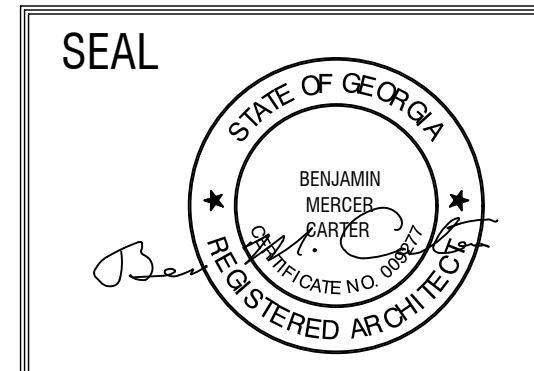
4 WEST ELEVATION
1/8" = 1'-0"

Jul 17 2023 | T:\SHARES\CAD\Projects\2022 Jackson County Senior Center\Sheet A-201 Existing Elevations.dwg

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS	
Number	Remarks

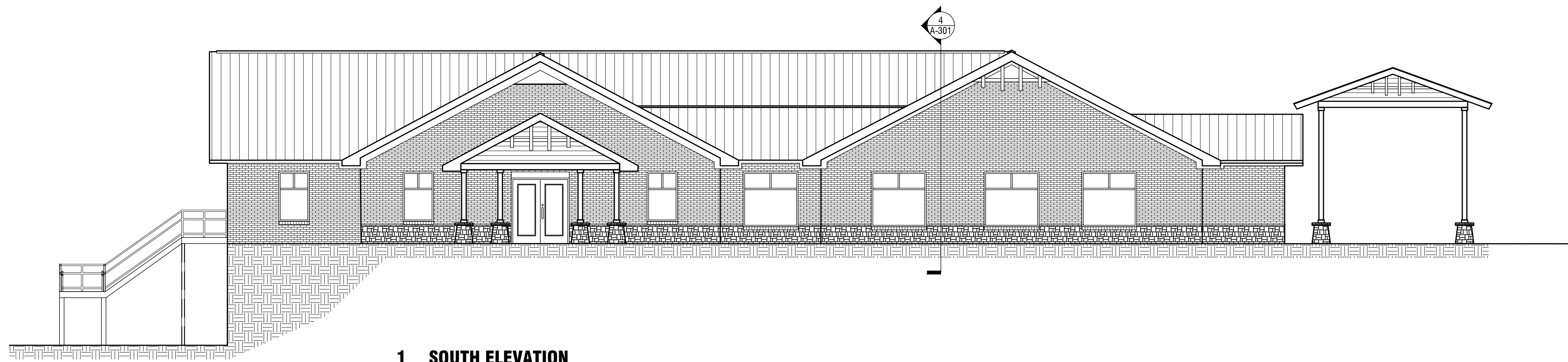
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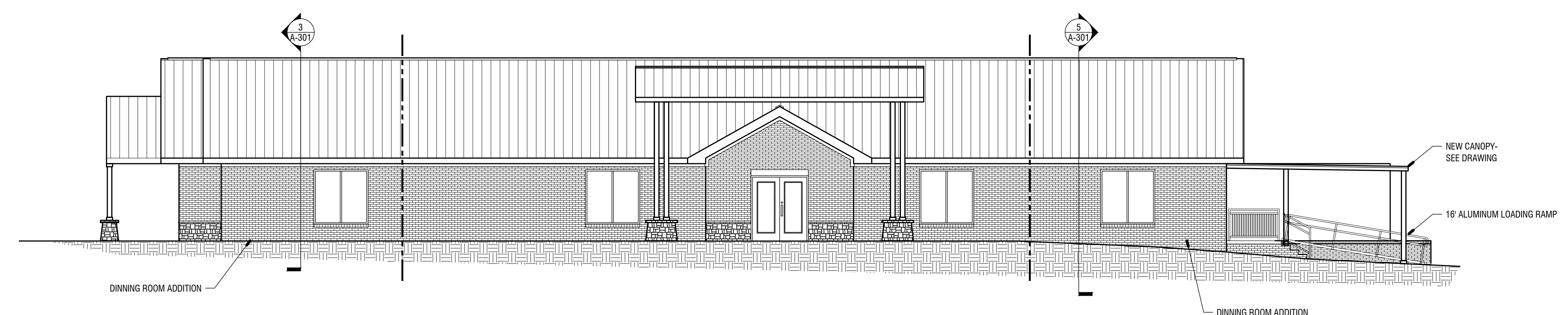
JACKSON COUNTY SENIOR CENTER
 151 GENERAL JACKSON DR. JEFFERSON
 GA 30549

SHEET TITLE: EXISTING ELEVATIONS	NUMBER:
PRINTED:	A-201

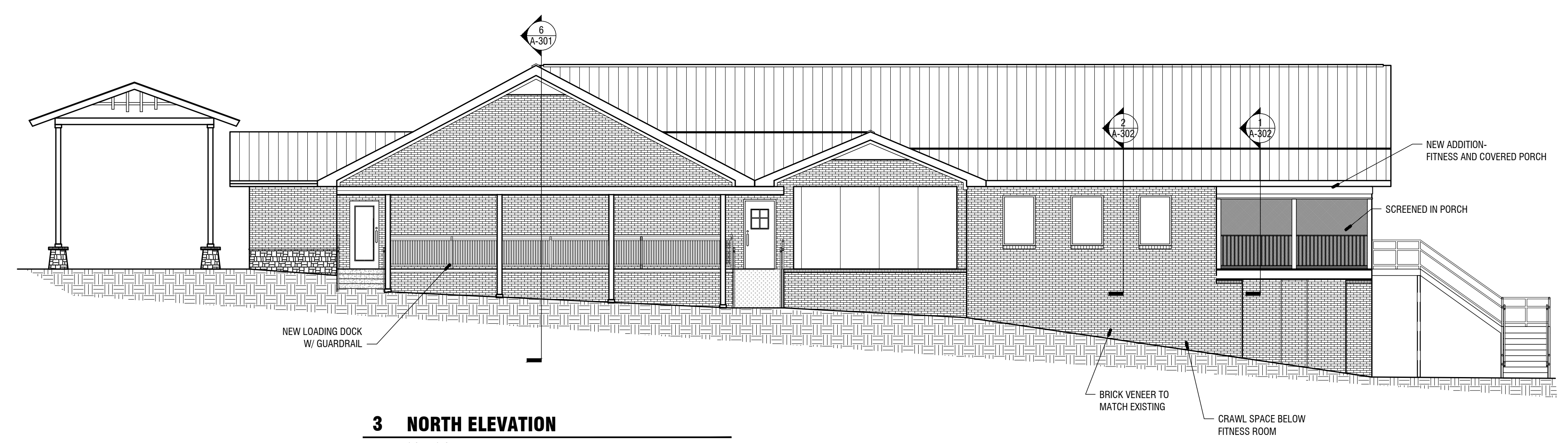
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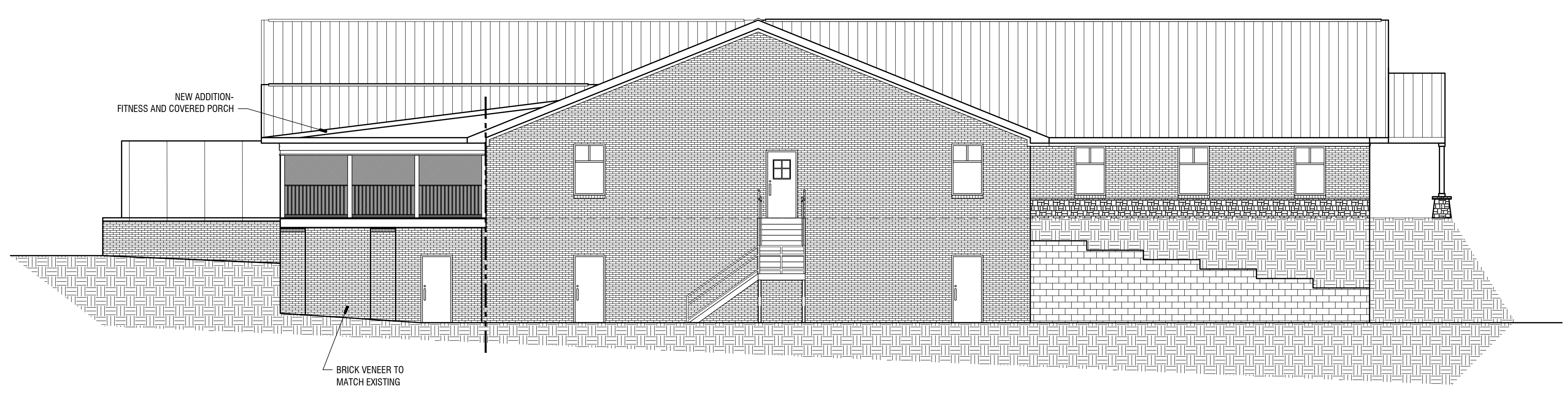
1 SOUTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"



3 NORTH ELEVATION
1/8" = 1'-0"



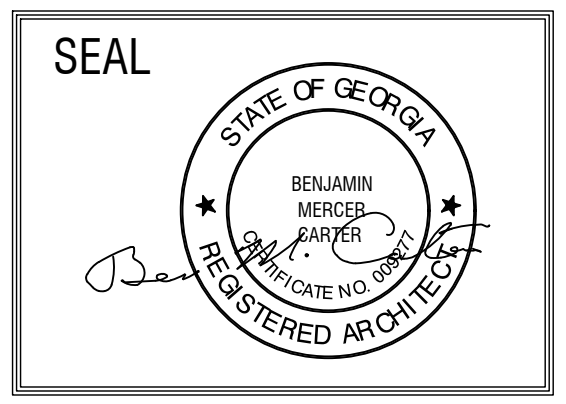
4 WEST ELEVATION
1/8" = 1'-0"

Jul 17 2023 | TISHA REED CAD Projects 2022 Jackson County Senior Center (Sheets A-202) Proposed Elevations.dwg

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS

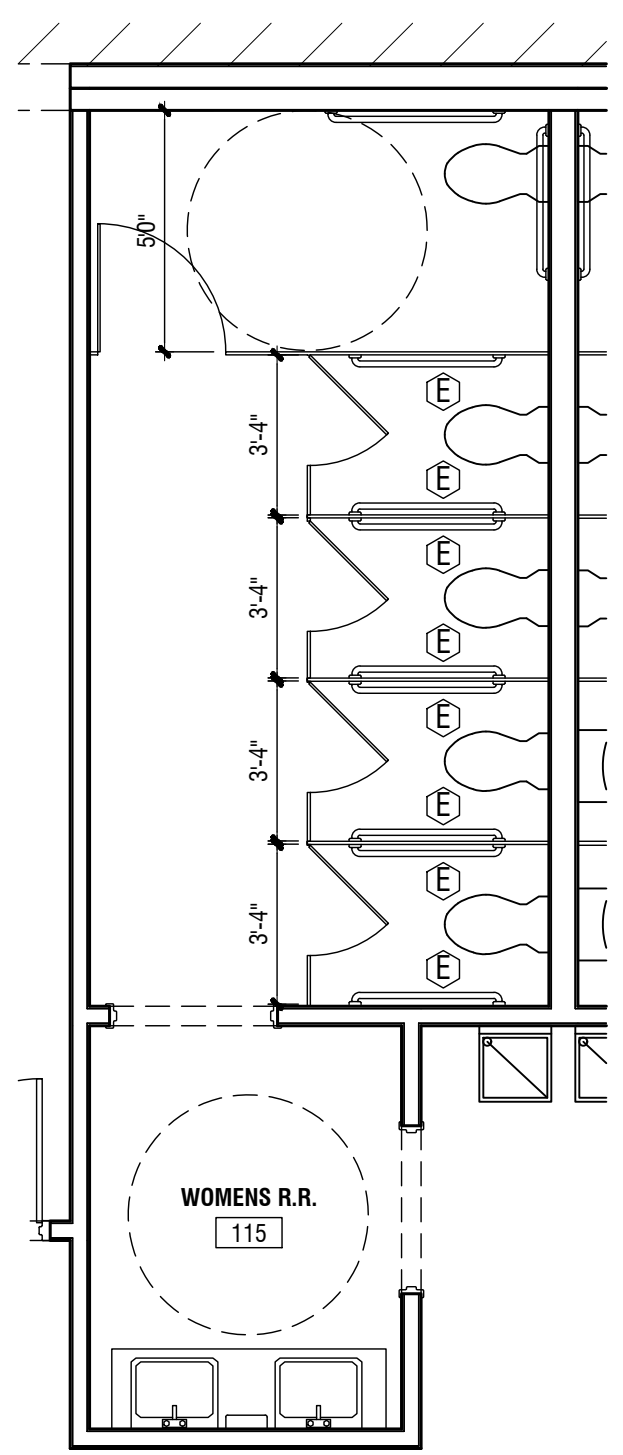
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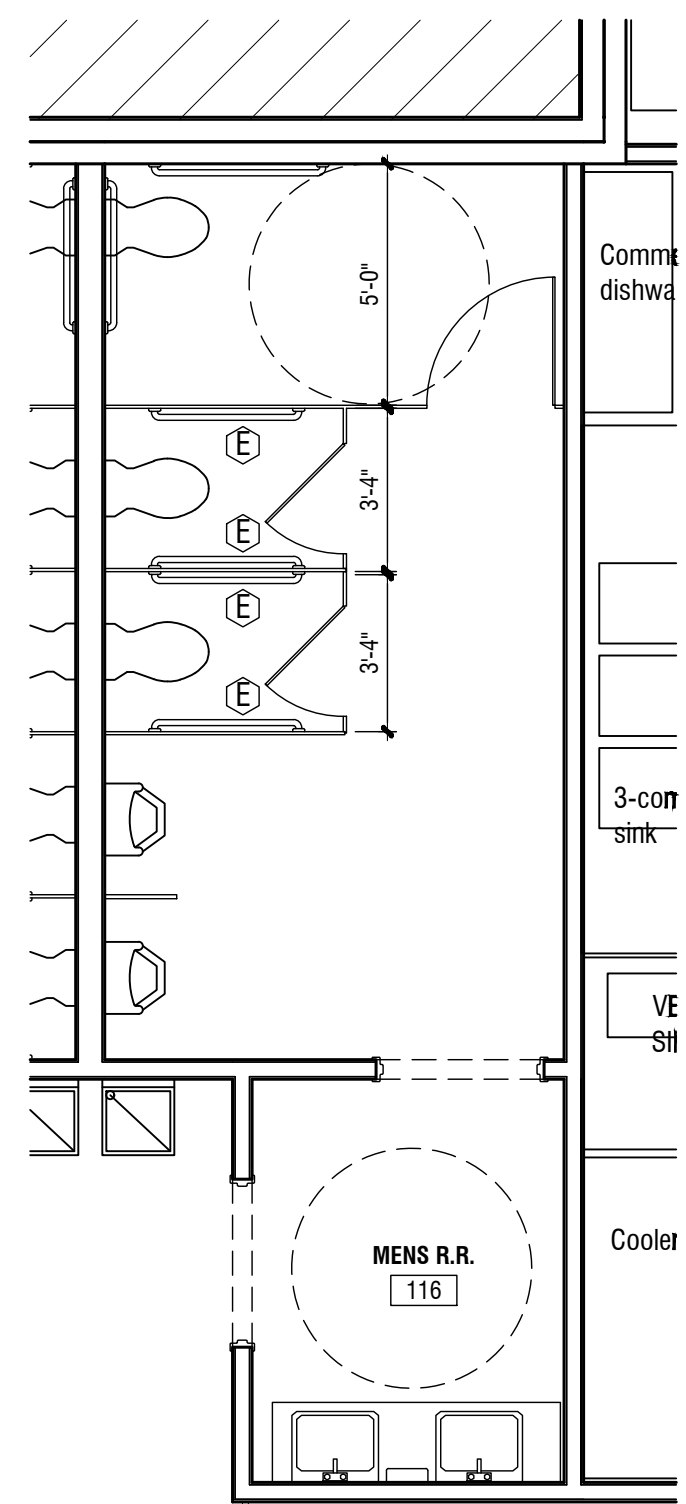
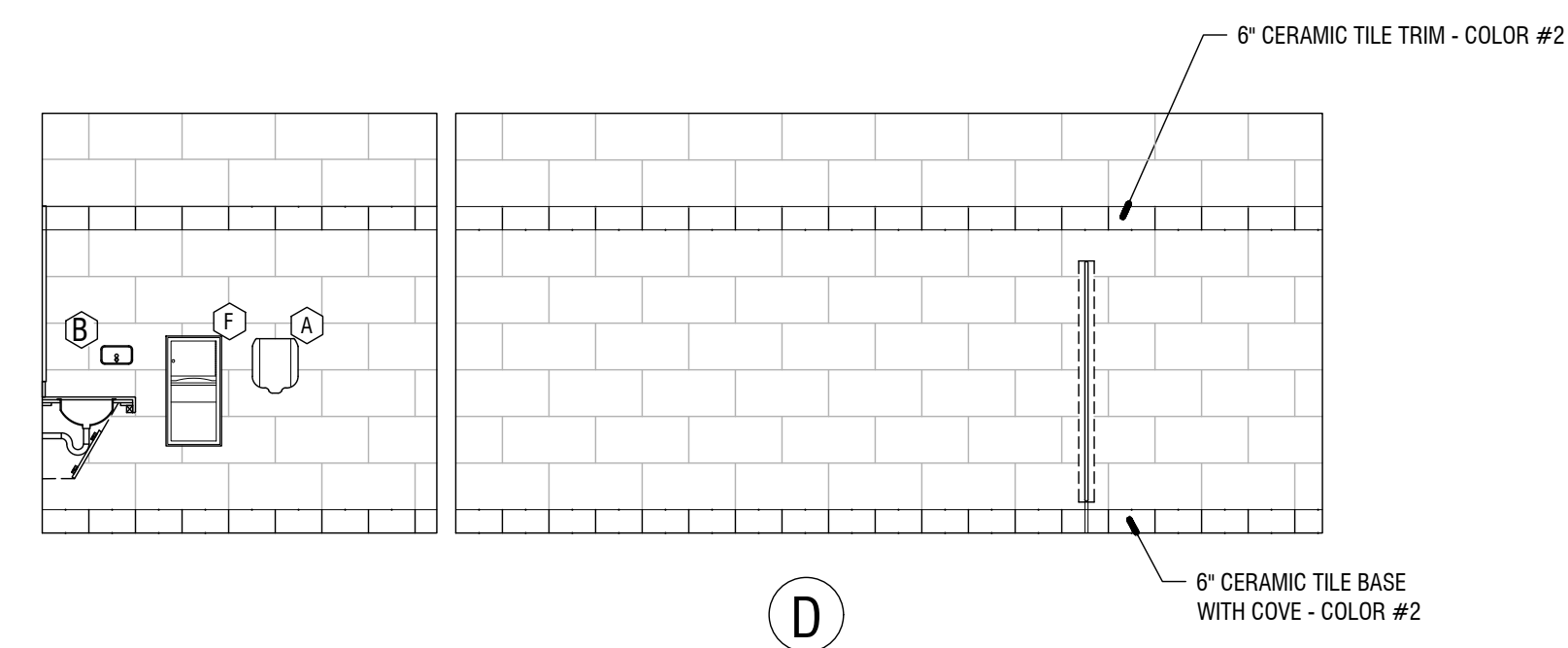
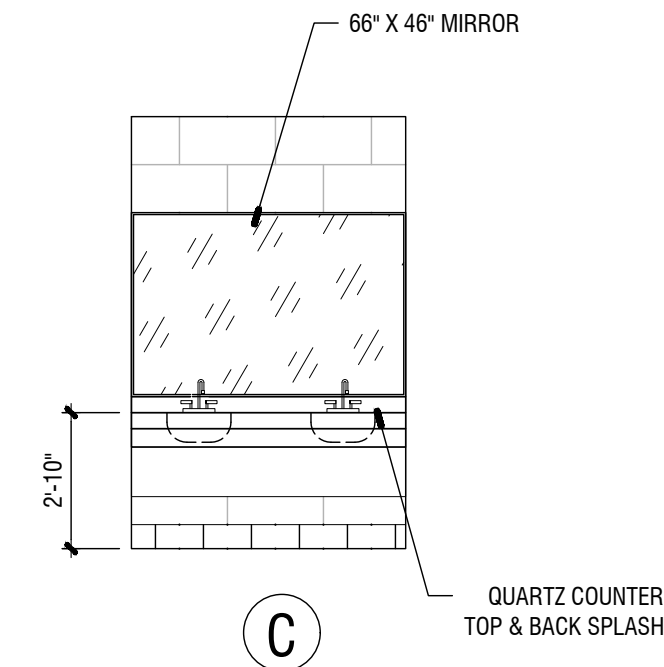
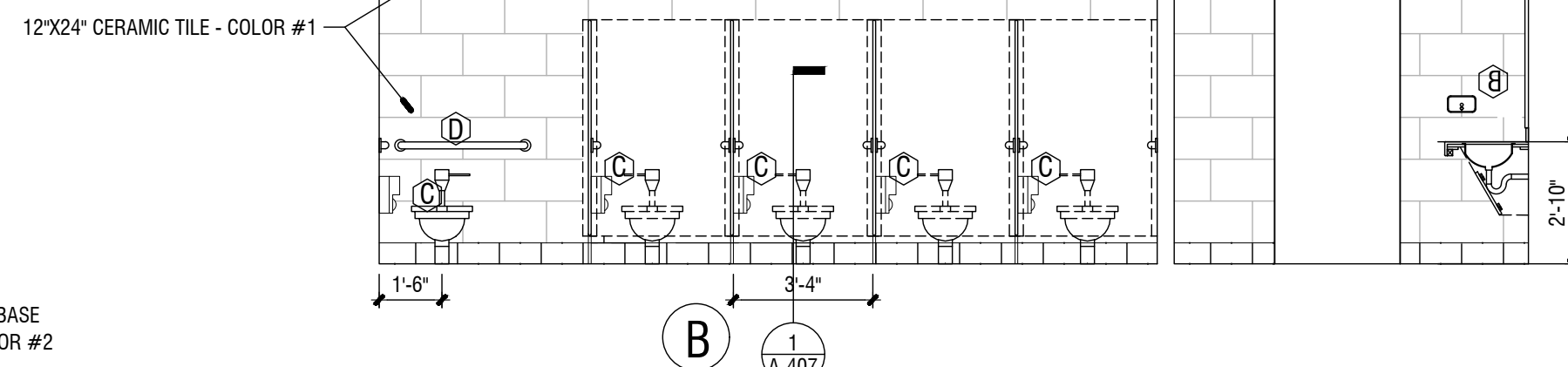
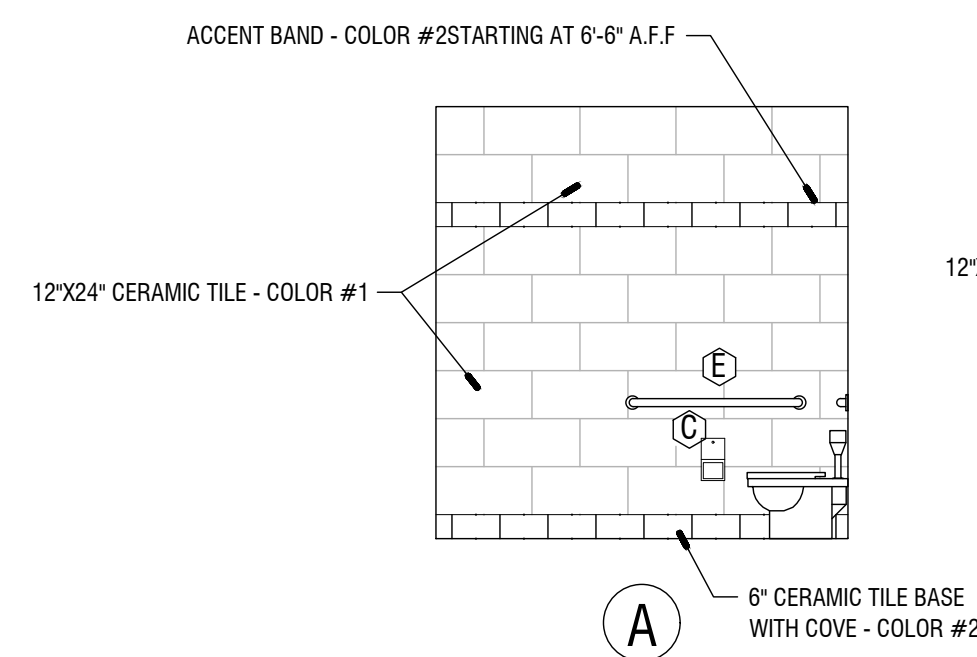
SHEET TITLE: PROPOSED ELEVATIONS	NUMBER: A-202
PRINTED:	

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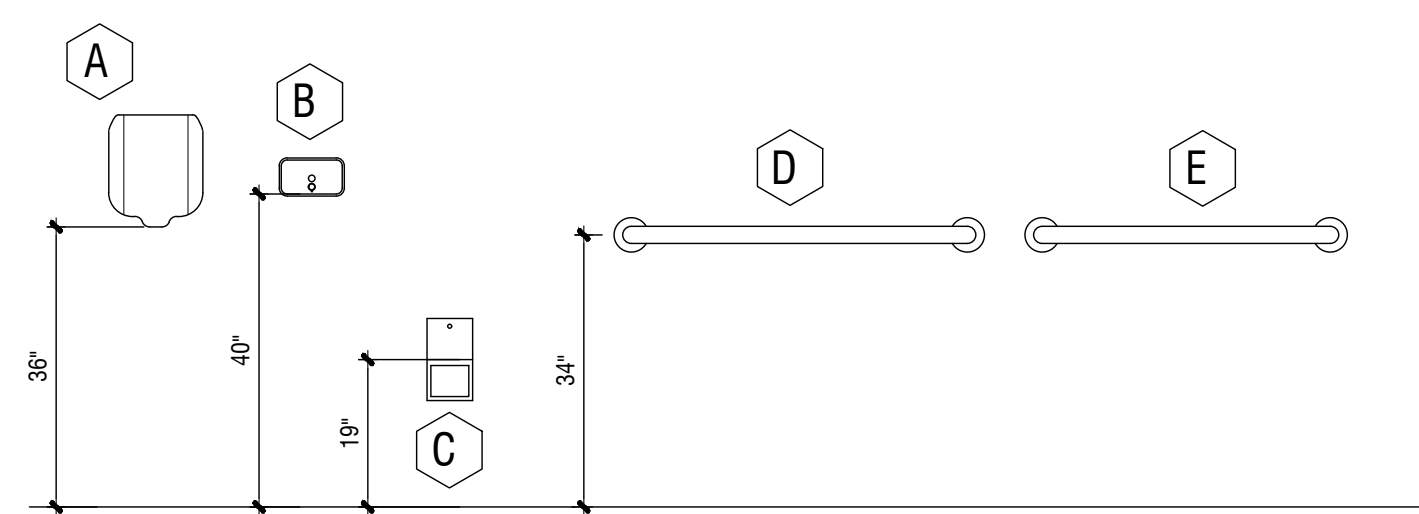
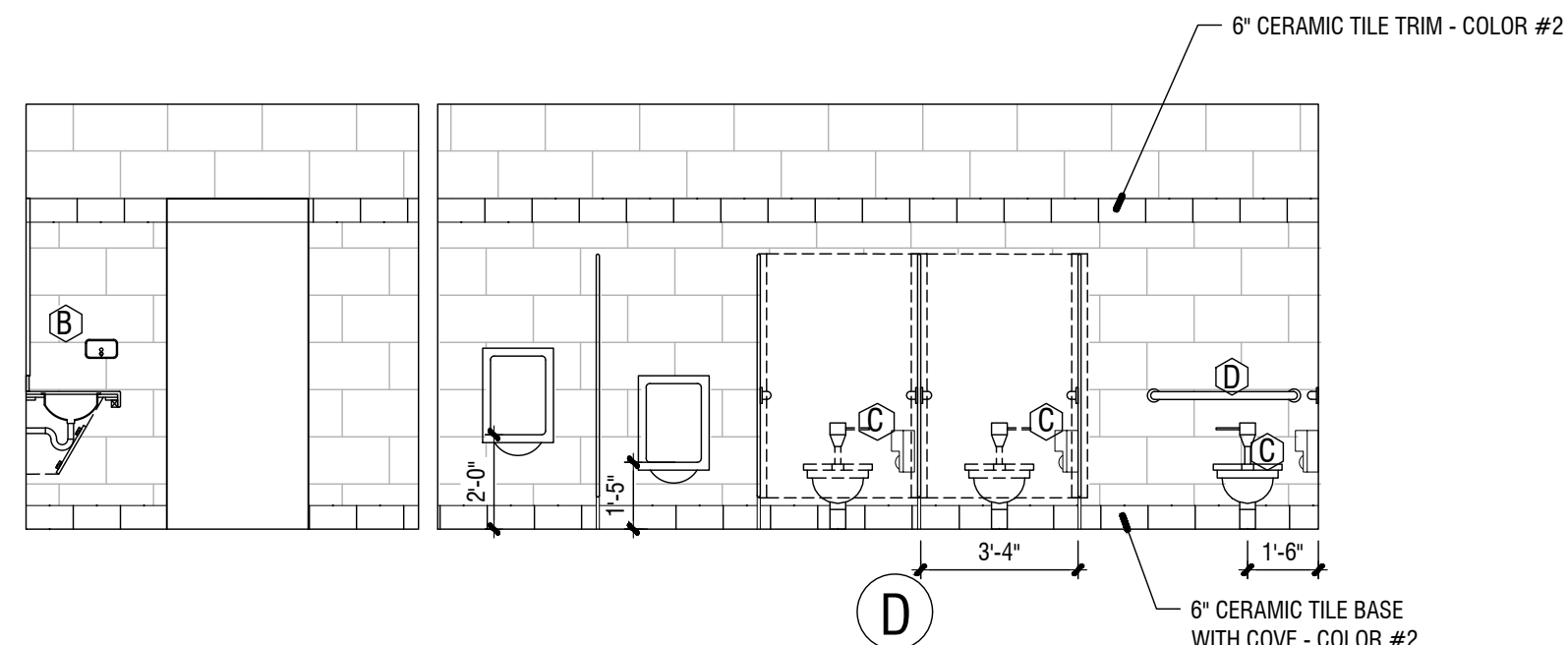
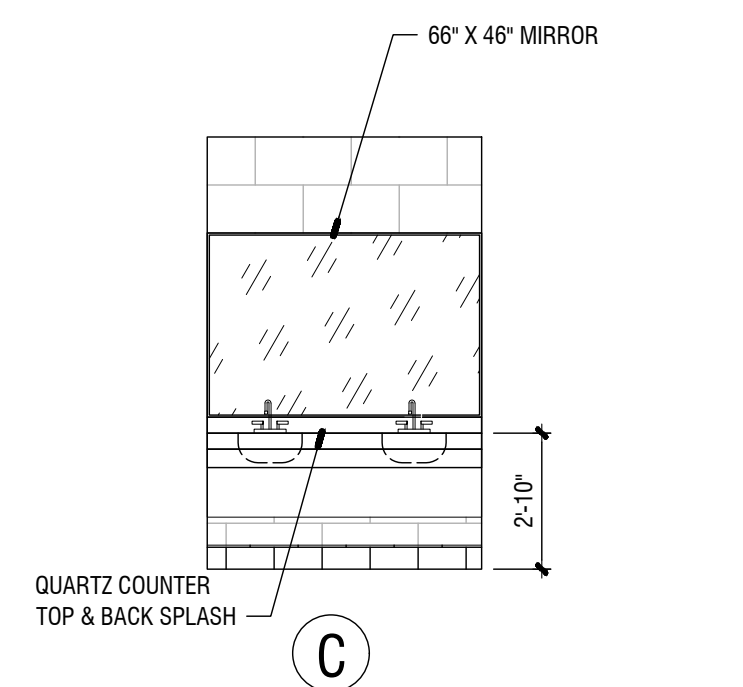
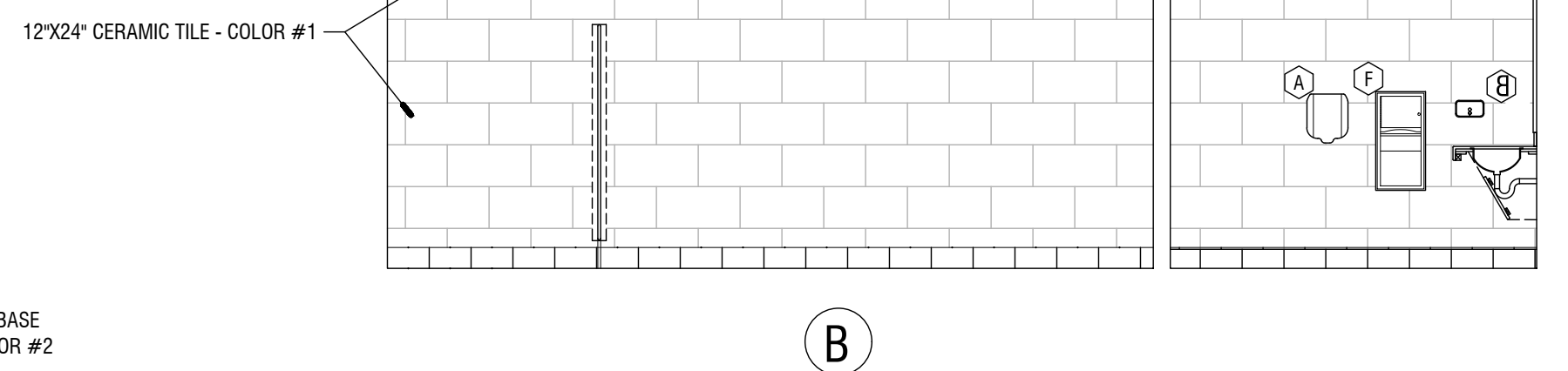
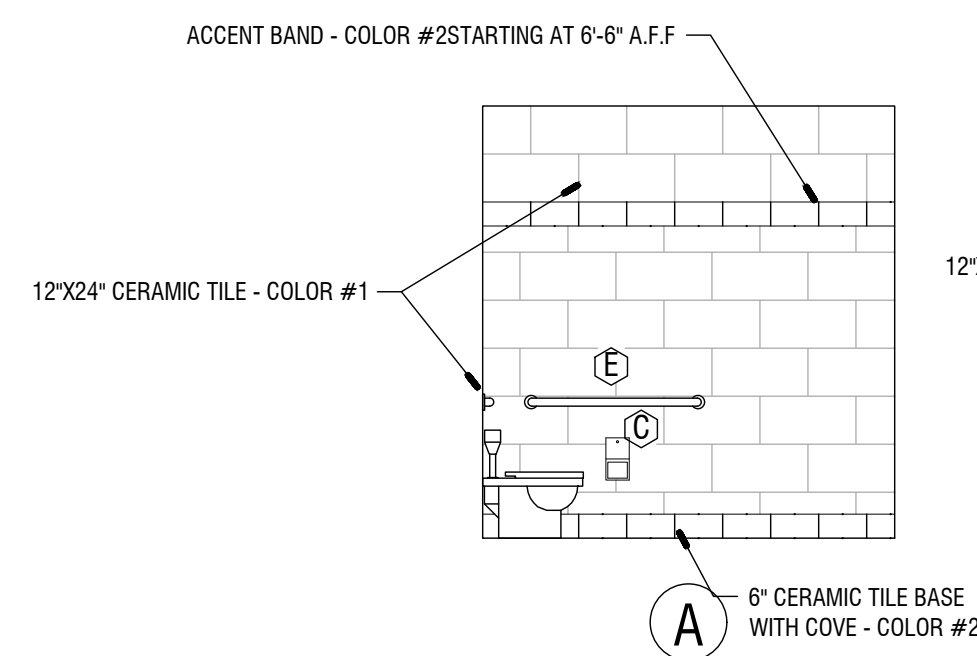
1 WOMENS RESTROOM PLAN

1/8" = 1'-0"



2 MENS RESTROOM PLAN

1/8" = 1'-0"

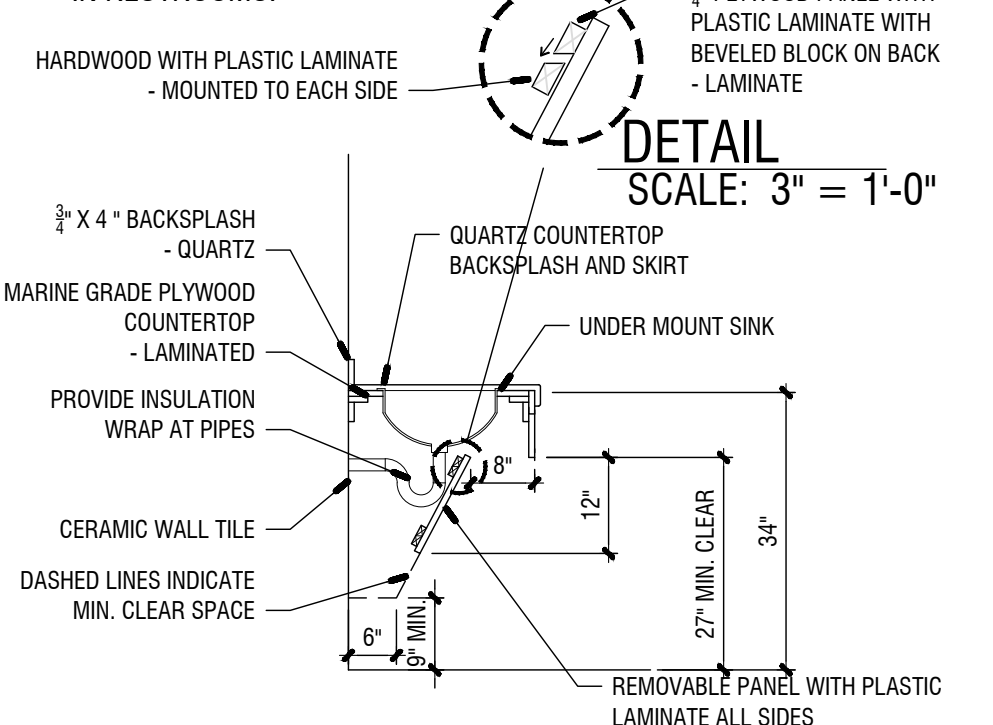


RESTROOM ACCESSORY NOTES:

- ALL ACCESSORIES SHALL BE CHROME FINISH.
- COORDINATE LOCATION OF ACCESSORIES WITH NECESSARY BLOCKING, ELECTRICAL SWITCH AND WIRING LOCATIONS ETC. TO ENSURE PROPER CLEARANCES AND MOUNTING HEIGHTS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING.

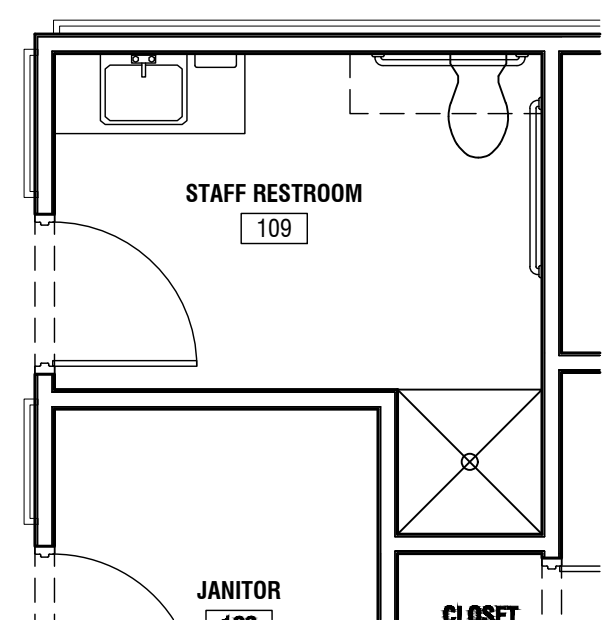
NOTE:

GRANITE COUNTERTOP, BACKSPLASH, AND SKIRT ONLY IN RESTROOMS.



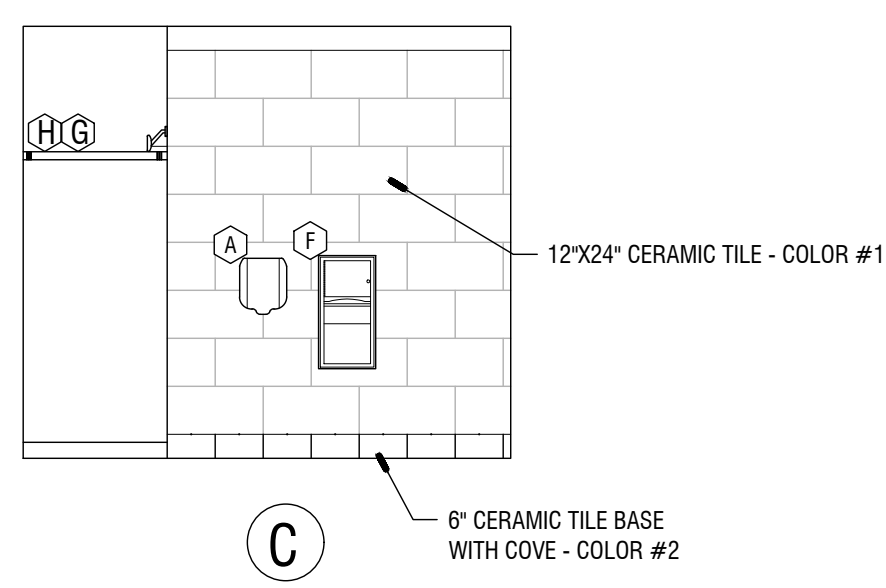
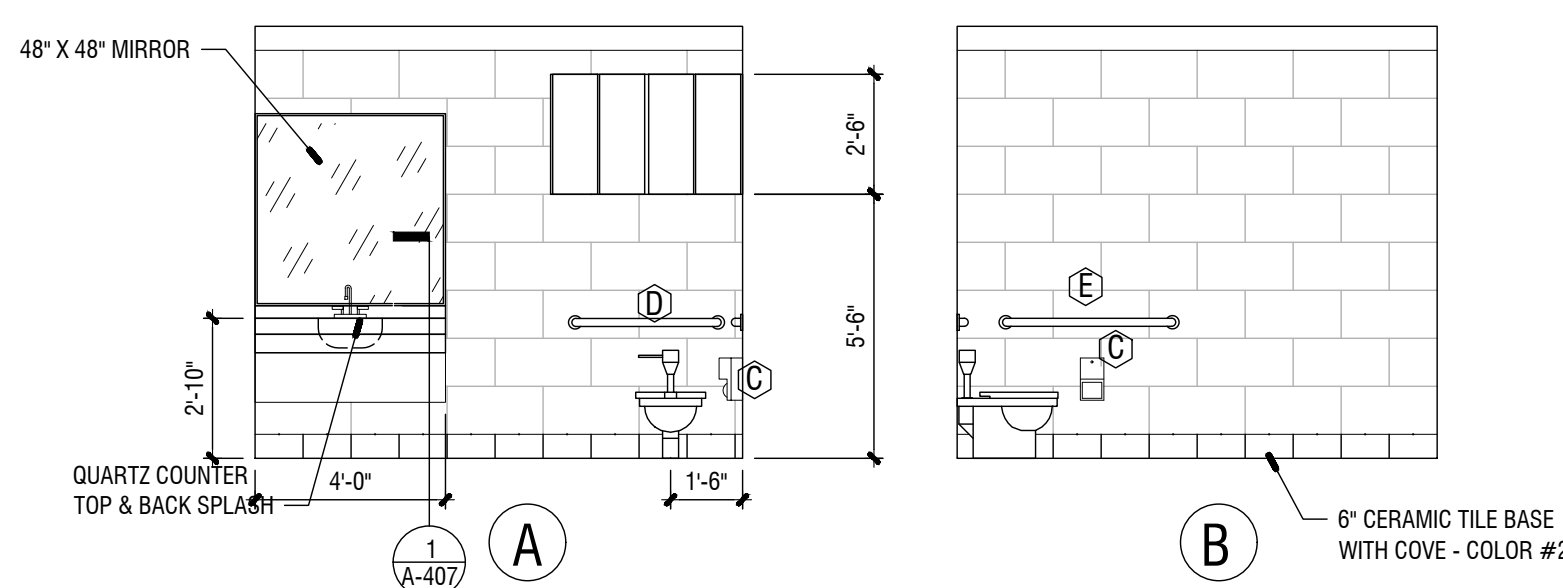
ADA COUNTER SECTION

1/2" = 1'-0"



1 STAFF RESTROOM PLAN

1/8" = 1'-0"



RESTROOM ACCESSORIES

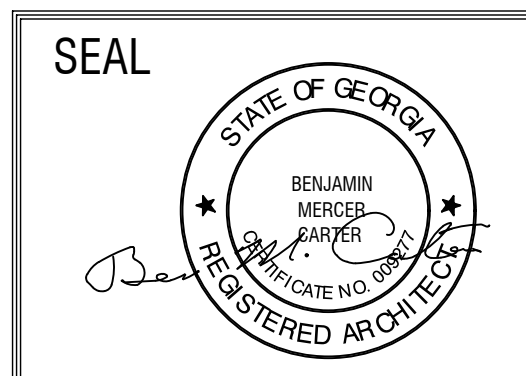
Item	Description	Model No.	
A	XLERATOR HAND DRYER	XL-SB BRUSHED STAINLESS STEEL COVER	36" A.F.F.
B	Soap Dispenser	Bobrick # B-2112	40" TO SPOUT
C	Toilet Tissue Disp.	Bobrick # B-2888	19" TO CENTERLINE
D	42" Handicap Grab Bar-Non-slip grip	Bobrick # B-6806.99 X 36"	34" A.F.F.
E	36" Handicap Grab Bar-Non-slip grip	Bobrick # B-6806.99 X 42"	34" A.F.F.
F	TOILET PARTITIONS	Bobrick # 1090 58" TALL	12" A.F.F.

Jul 17 2023 1:15 PM T:\SHARED CAD Projects\2022 Jackson County Senior Center\Sheets\A-203 INTERIOR ELEVATIONS.dwg

REVISIONS					
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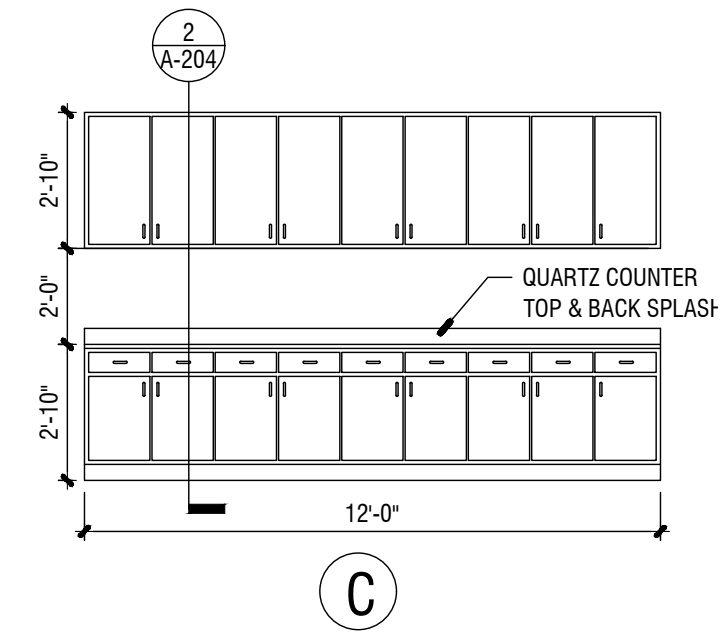
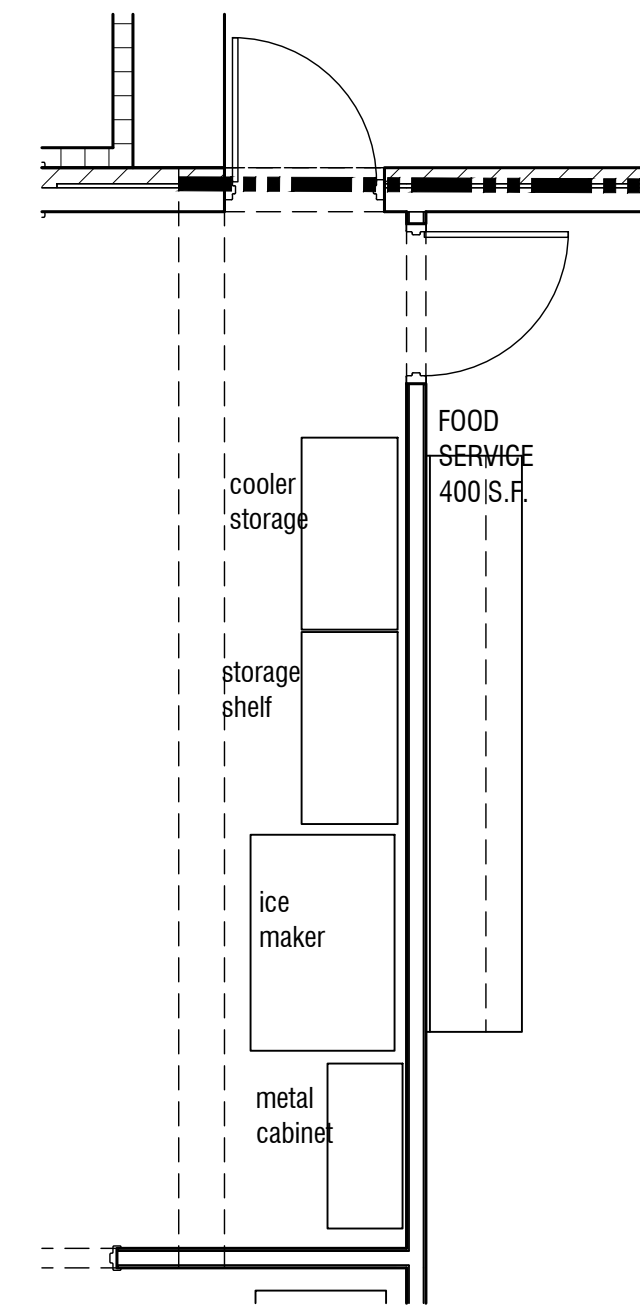
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 GA 30549

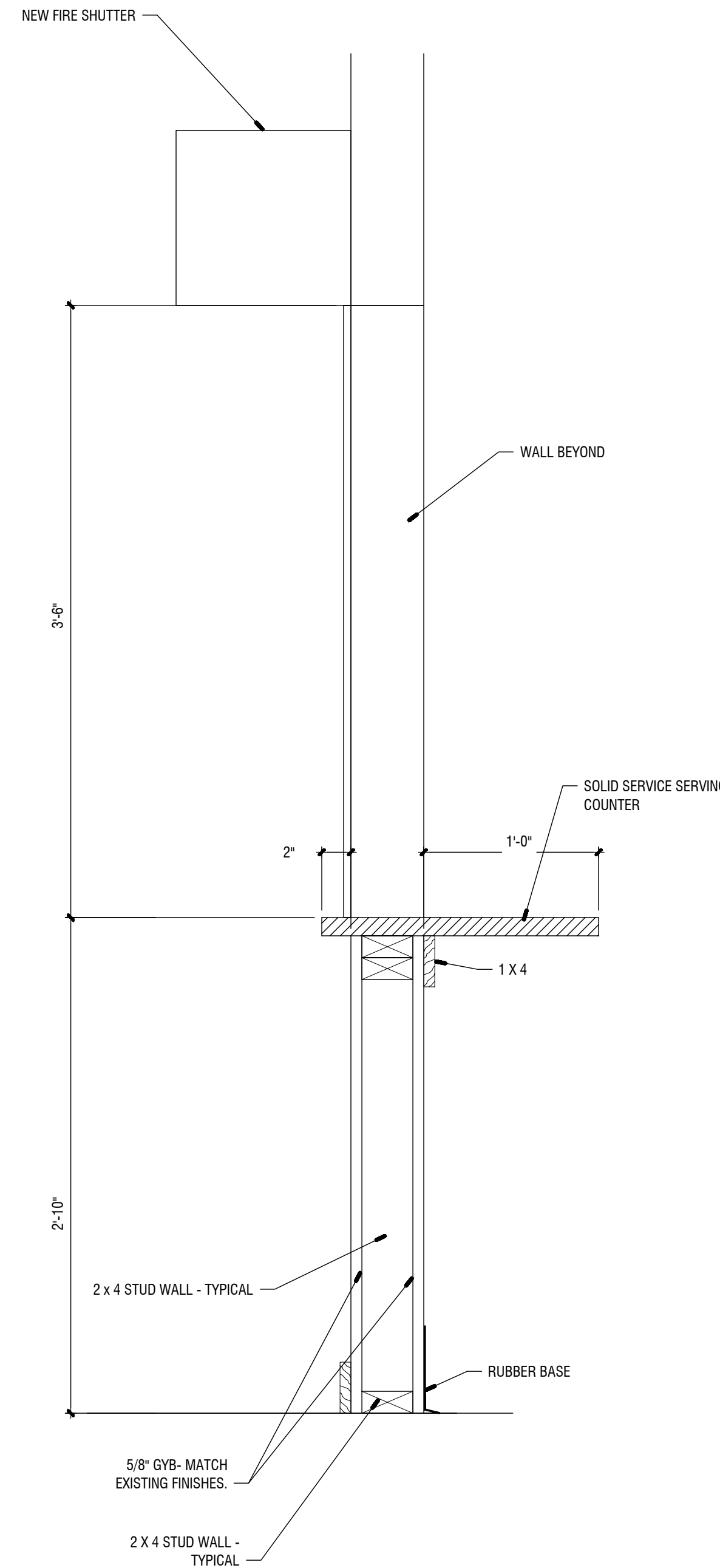
SHEET TITLE: INTERIOR ELEVATIONS	NUMBER: A-203
PRINTED:	

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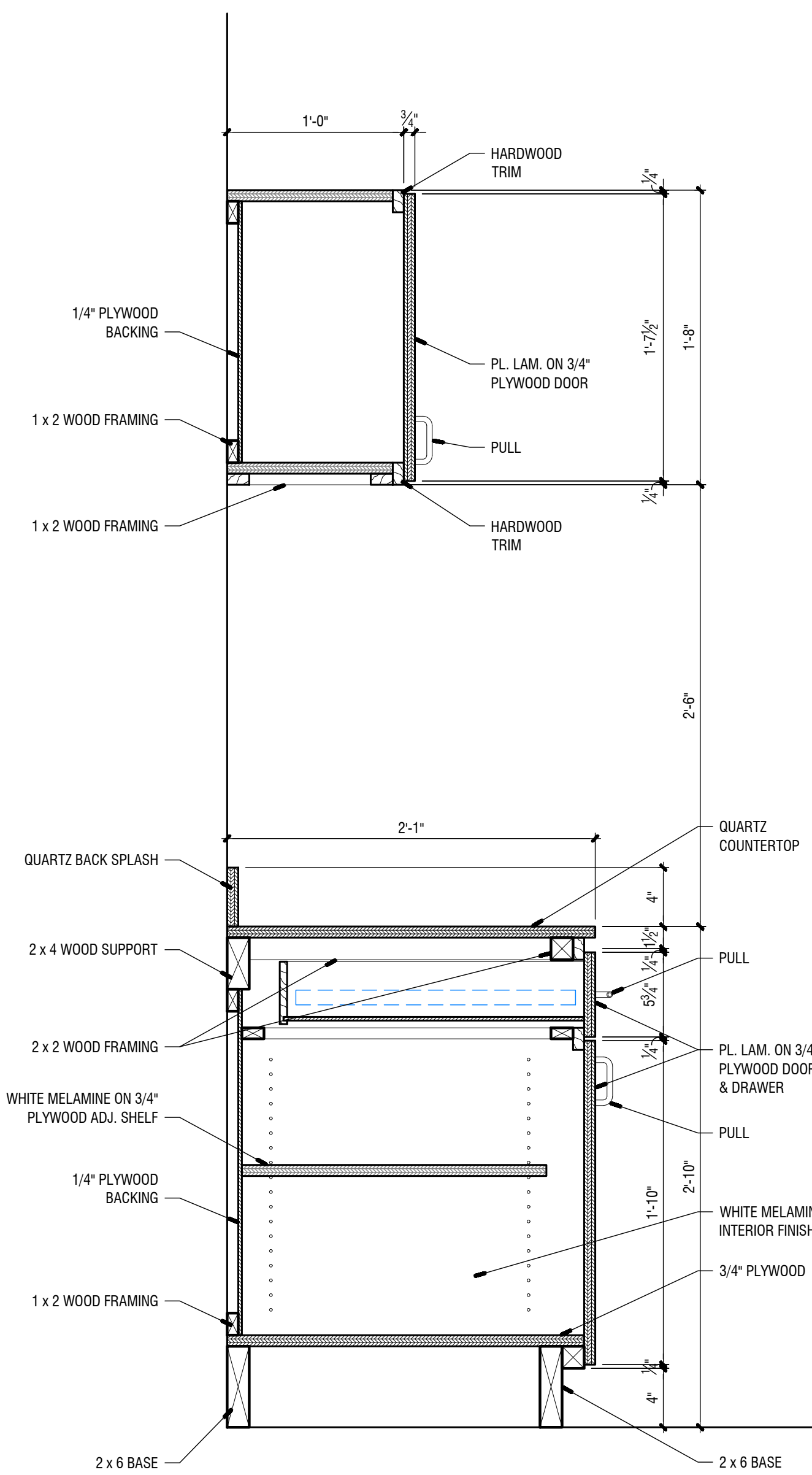
1 COFFEE BAR PLAN

1/4" = 1'-0"



3 SERVING WINDOW SECTION

1 1/2" = 1'-0"



2 CABINET SECTION

1 1/2" = 1'-0"

MILLWORK NOTES:

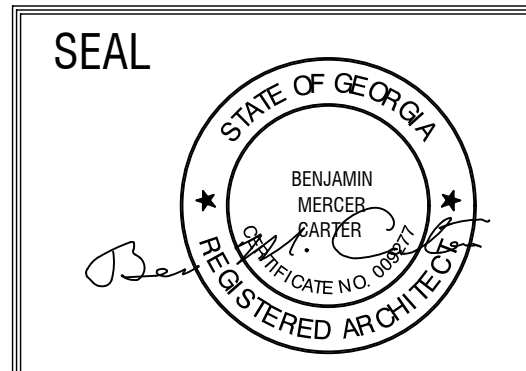
1. SUBMIT COMPREHENSIVE SHOP DRAWINGS FOR ALL MILLWORK. SHOW ALL DETAILS, HARDWARE, ANCHORING, ANCHORING DEVICES, DIMENSIONS, BLOCKING, ETC.
2. ALL INTERIOR SURFACES TO BE MELAMINE. EXTERIOR TO BE PLASTIC LAMINATE. ALLOW TWO COLORS OF PLASTIC LAMINATE ONE FOR CABINET FRAMES, DOOR, DRAWERS, ETC. AND ONE FOR COUNTERTOPS. COLORS ARE TO BE SELECTED FROM WILSONART COLOR SELECTIONS AND SHALL NOT BE LIMITED BY AVAILABILITY.
3. COORDINATE ALL RELATED WORK INCLUDING ELECTRICAL, PLUMBING, EQUIPMENT, ETC. AND PROVIDE ACCOMMODATIONS FOR SUCH.
4. PROVIDE ALL REQUIRED BLOCKING FOR MILLWORK INSTALLATION.
5. SEE SPECIFICATIONS FOR SPECIFIC PRODUCT INFORMATION.
6. COORDINATE MILLWORK WITH "BUILT" DIMENSIONS. SHOP DRAWINGS SHALL REFLECT ACTUAL VERIFIED DIMENSIONS.
7. ALL BASE CABINETS TO HAVE ONE ADJUSTABLE, FULL DEPTH SHELF.
8. ALL WALL CABINETS TO HAVE THREE FULL DEPTH, ADJUSTABLE SHELVES. WALL CABINETS SHALL BE 12" DEEP. UNITS ABOVE SINKS, REFRIGERATORS, STOVES, ETC. TO HAVE ONE FULL DEPTH, ADJUSTABLE SHELF.
9. ALL DOORS AND DRAWER FACES TO BE 5/8" PLYWOOD. NO PARTICLE BOARD WILL BE ACCEPTED ON ANY PORTION OF THE MILLWORK.
10. PROVIDE EDGE BANDING ON ALL FOUR SIDES OF SHELVING - TYPICAL.
11. ALL MILLWORK TO BE EURO STYLE (FRAMELESS) TYPE WITH HARDWOOD WEBBING.
12. PROVIDE SQUARE 1 1/2" EDGES ON ALL COUNTERTOPS.
13. APPLY LAMINATE TO COUNTERTOP SIDES PRIOR TO APPLYING TOPS.
14. PROVIDE HARDWOOD SLEEPERS AT 24" O.C. UNDER ALL CABINETS - TYPICAL.

Jul 17 2023 11:58 AM T:\SHARED CAD Projects\2022 Jackson County Senior Center\Sheet A-204 INTERIOR ELEVATIONS AND DETAILS.dwg

REVISIONS					
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X	00-00-00	N/A			

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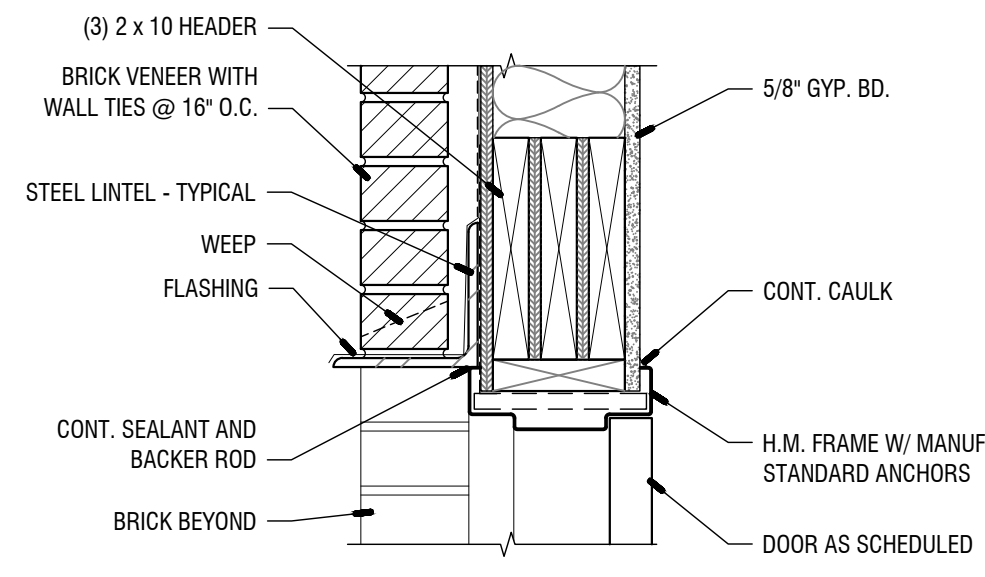
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 MONROE, GEORGIA 30655
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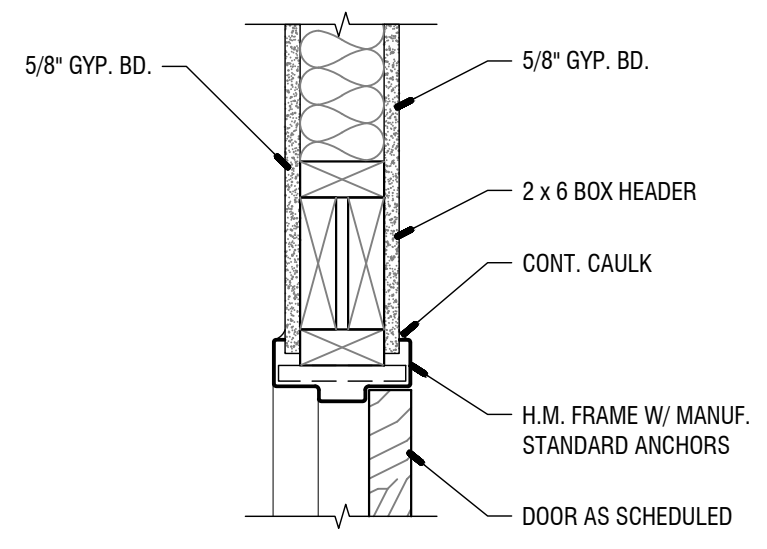
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SHEET TITLE: INTERIOR ELEVATIONS AND DETAILS	NUMBER: A-204
PRINTED:	

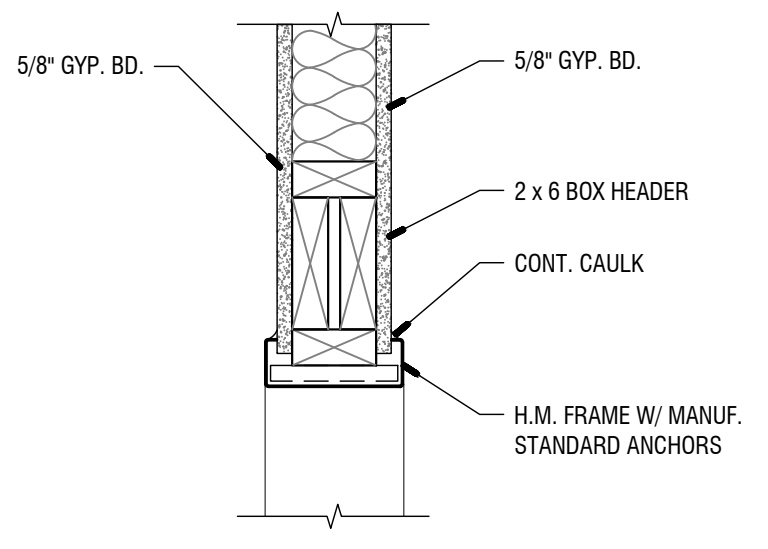
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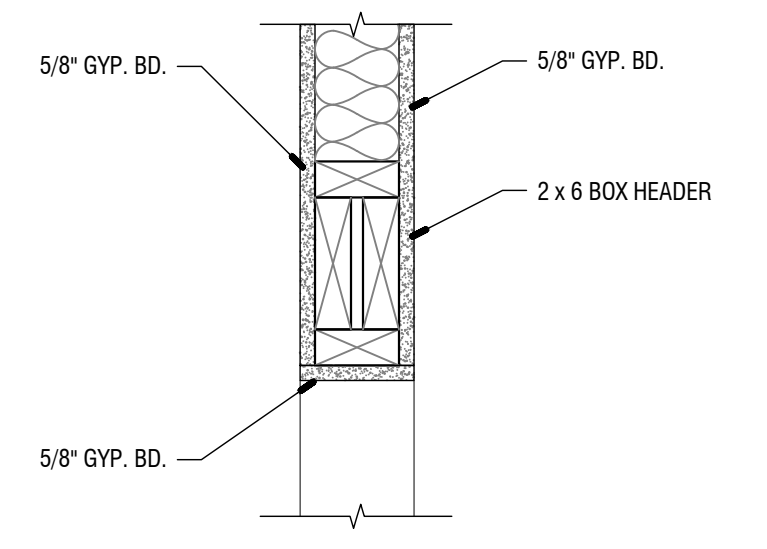
3 EXTERIOR DOOR HEAD
3'-1-0"



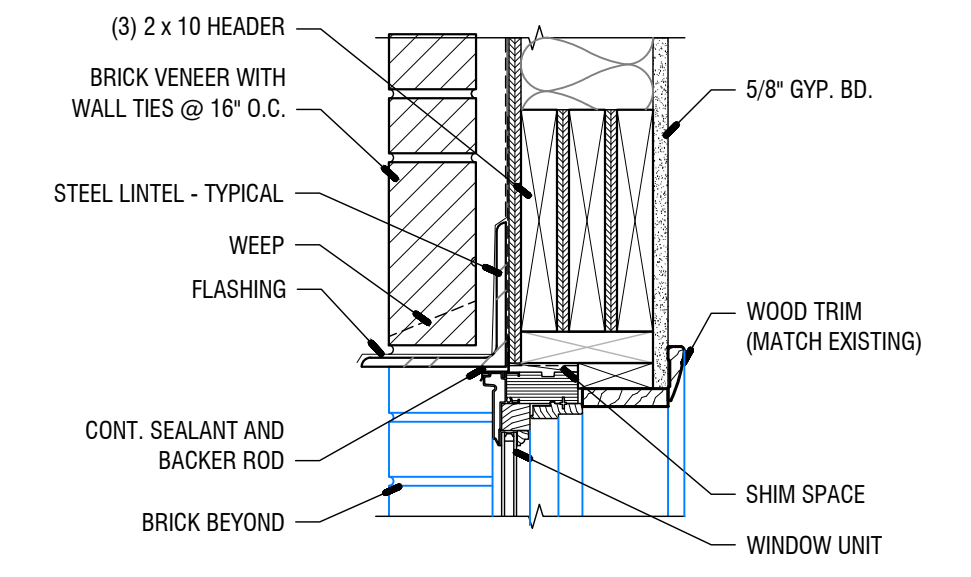
5 INTERIOR DOOR HEAD
3'-1-0"



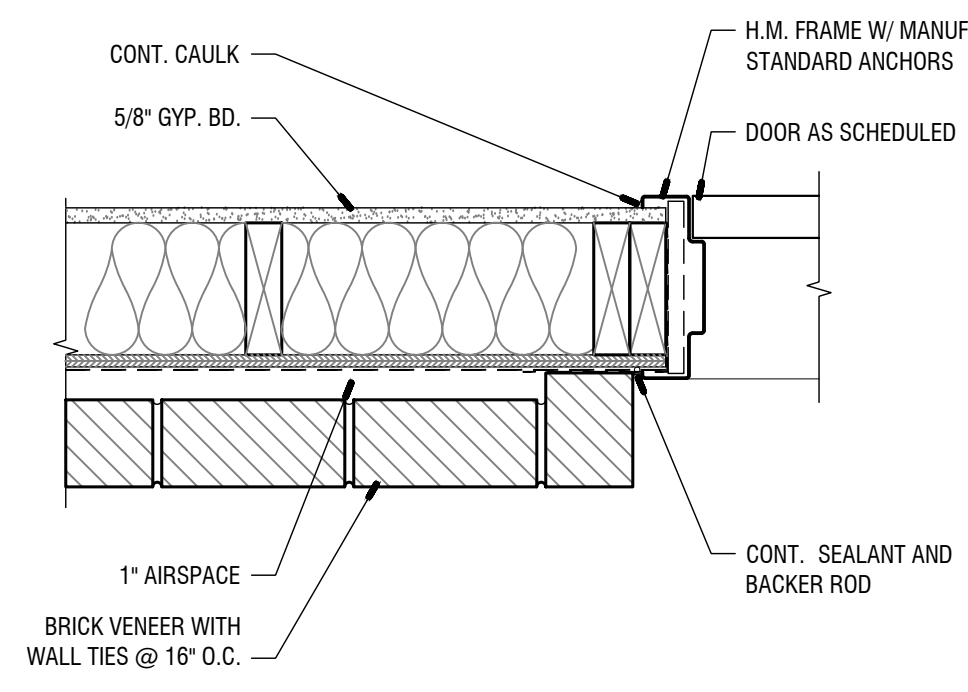
8 CASSED OPENING HEAD
Viewpoint Scale



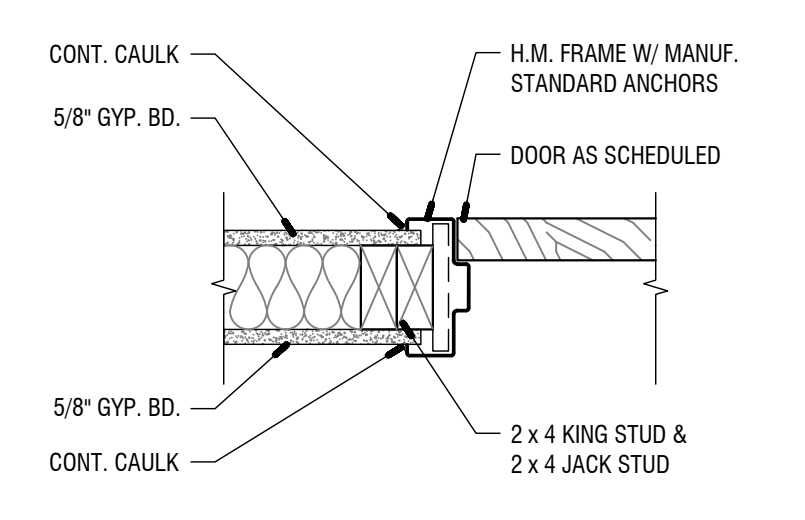
11 FRAMED OPENING HEAD
3'-1-0"



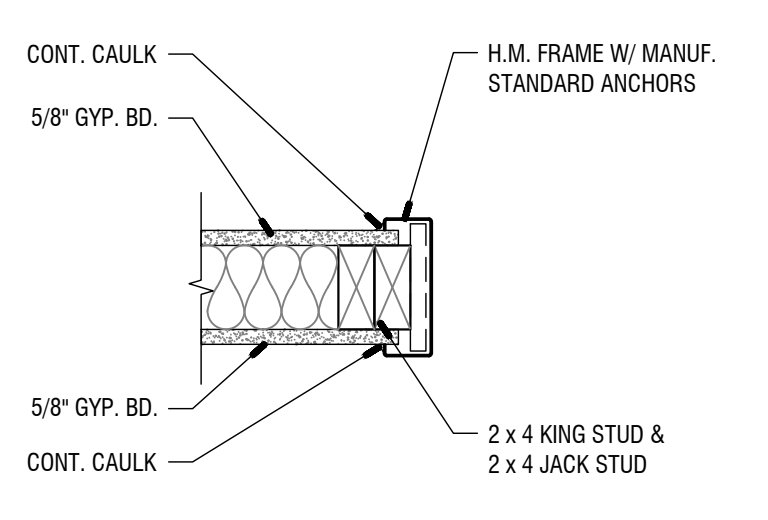
14 EXTERIOR WINDOW HEAD
3'-1-0"



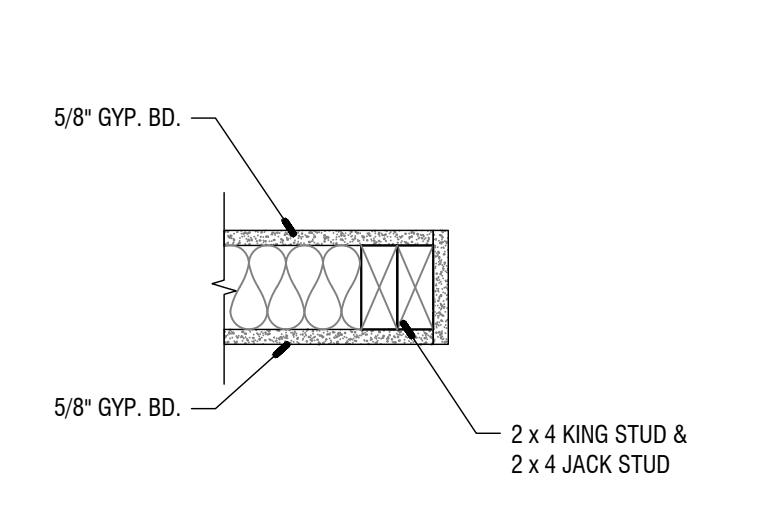
2 EXTERIOR DOOR JAMB
3'-1-0"



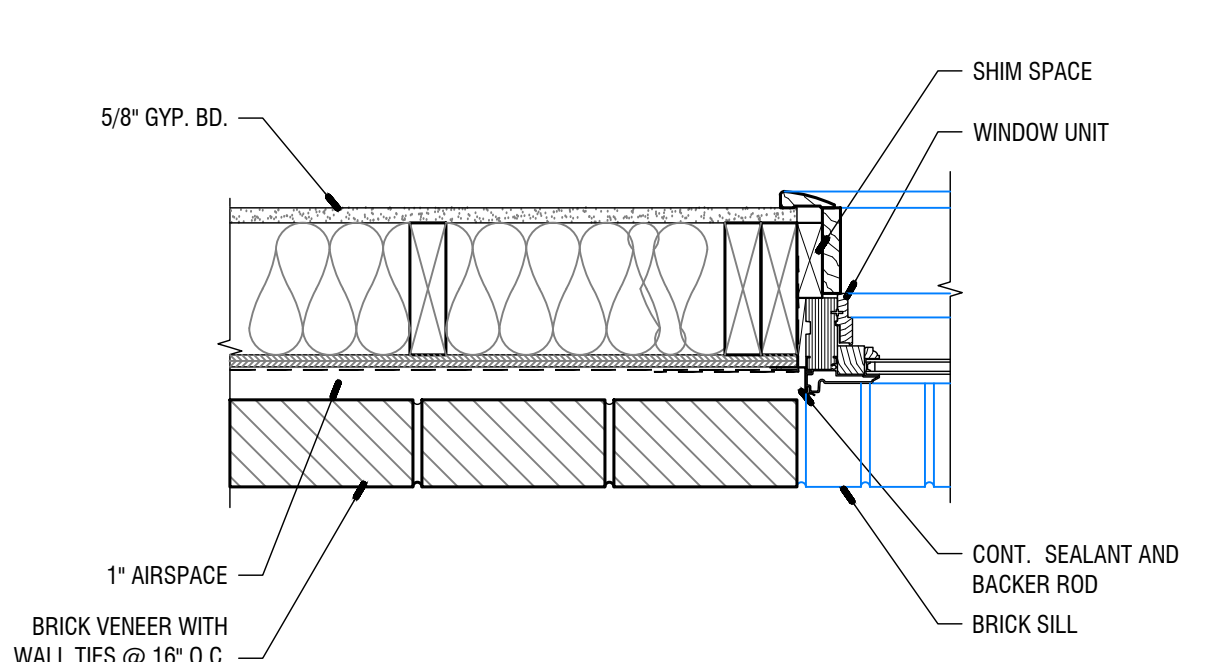
4 INTERIOR DOOR JAMB
3'-1-0"



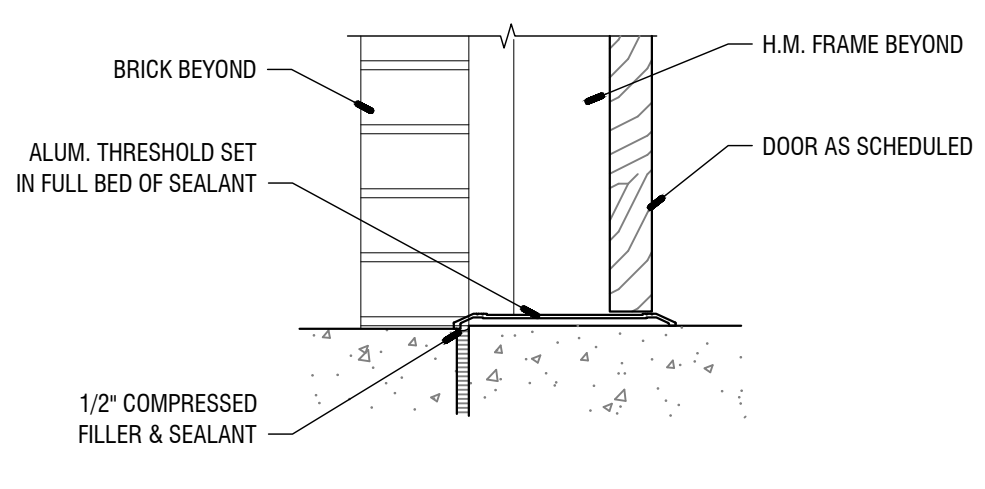
7 CASSED OPENING JAMB
3'-1-0"



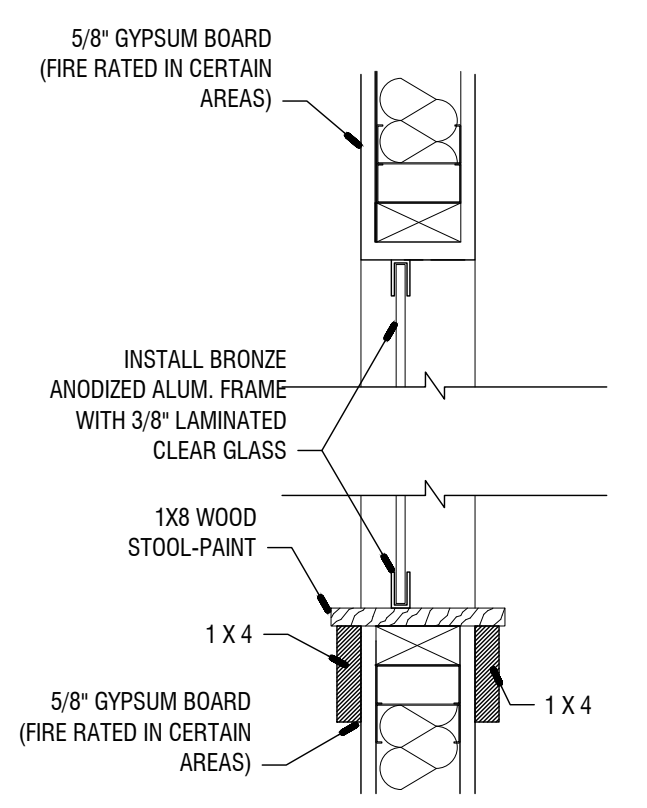
10 FRAMED OPENING JAMB
3'-1-0"



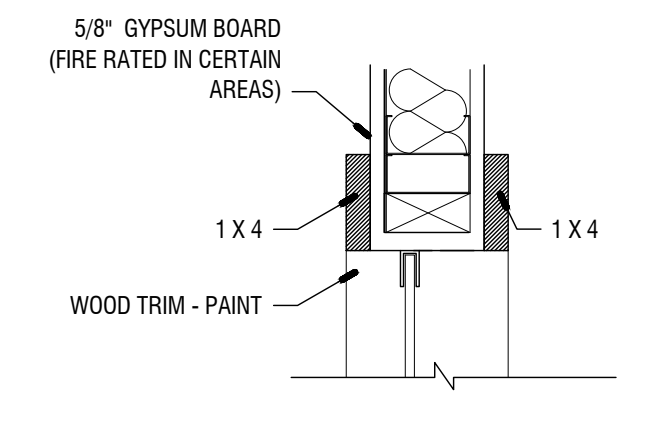
13 EXTERIOR WINDOW JAMB
3'-1-0"



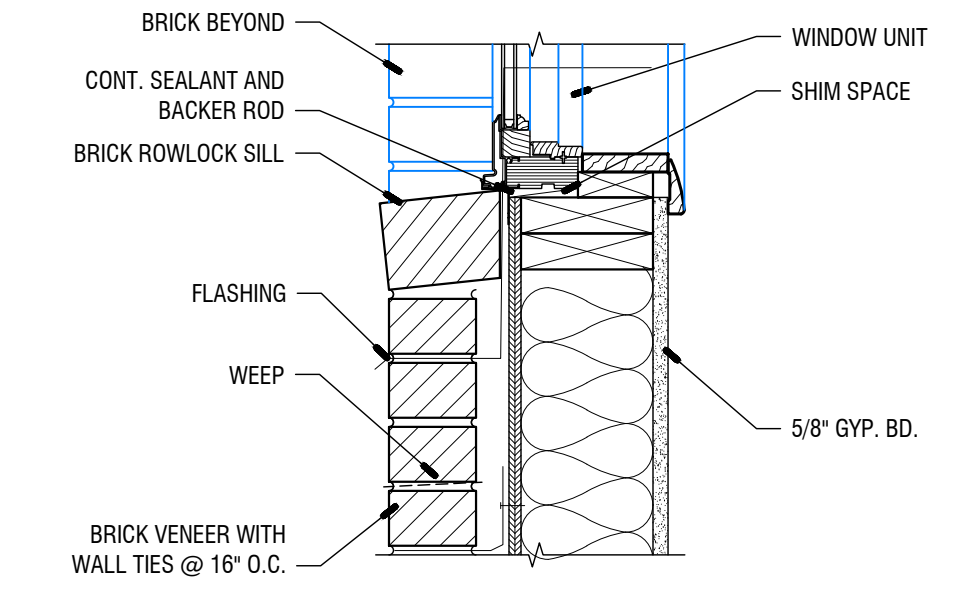
1 EXTERIOR THRESHOLD
3'-1-0"



6 INTERIOR WINDOW HEAD AND SILL
3'-1-0"



9 INTERIOR WINDOW HEAD
3'-1-0"

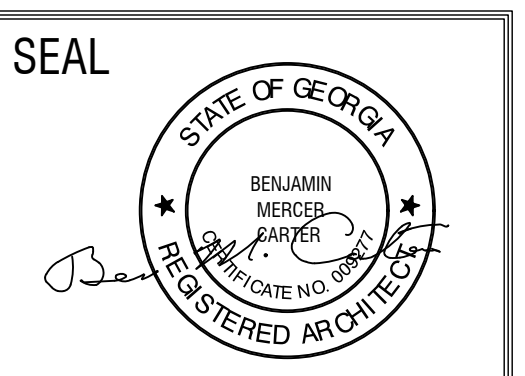


12 EXTERIOR WINDOW SILL
3'-1-0"

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X	00-00-00	N/A			

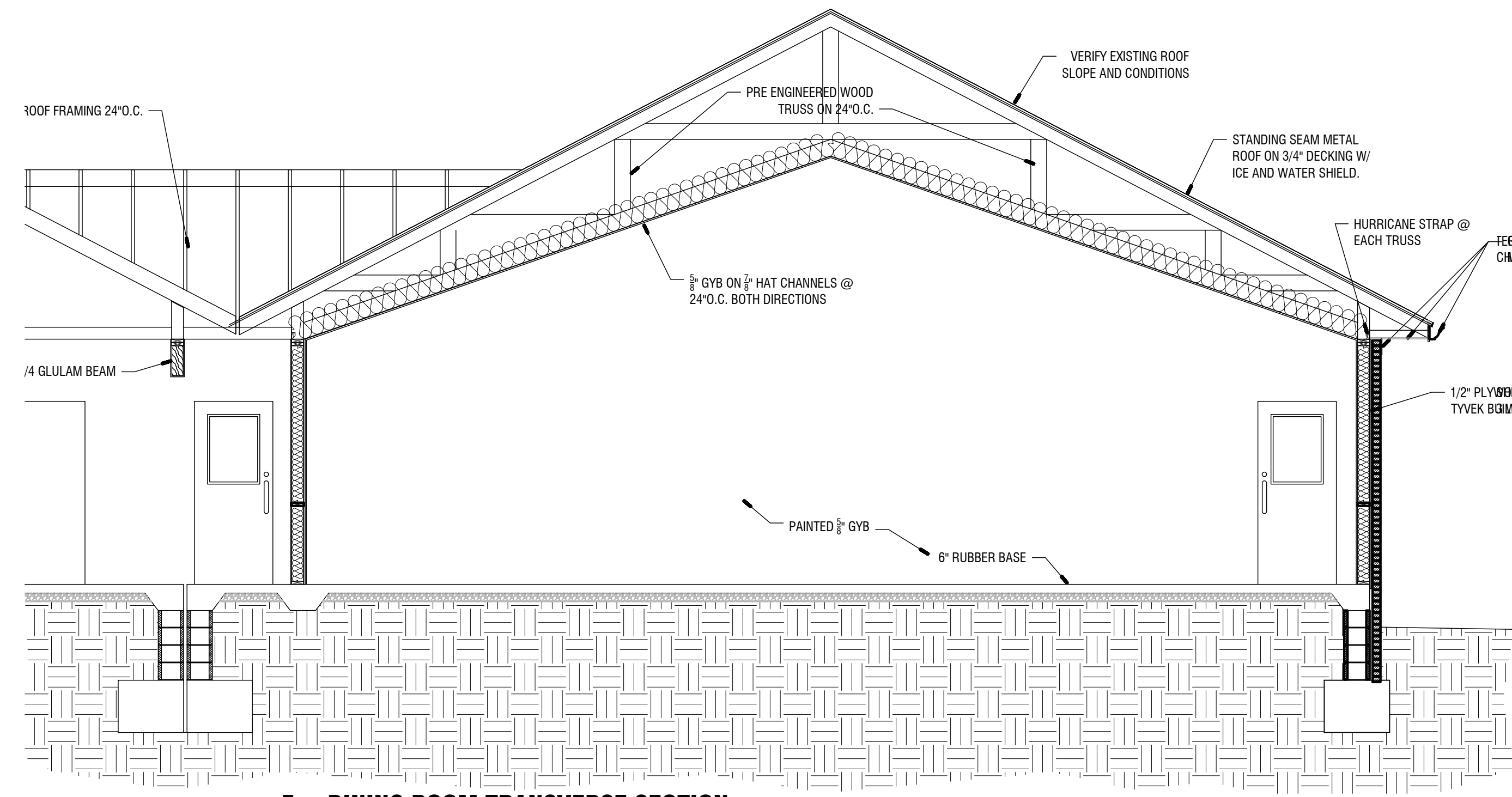
CONSULTANTS					

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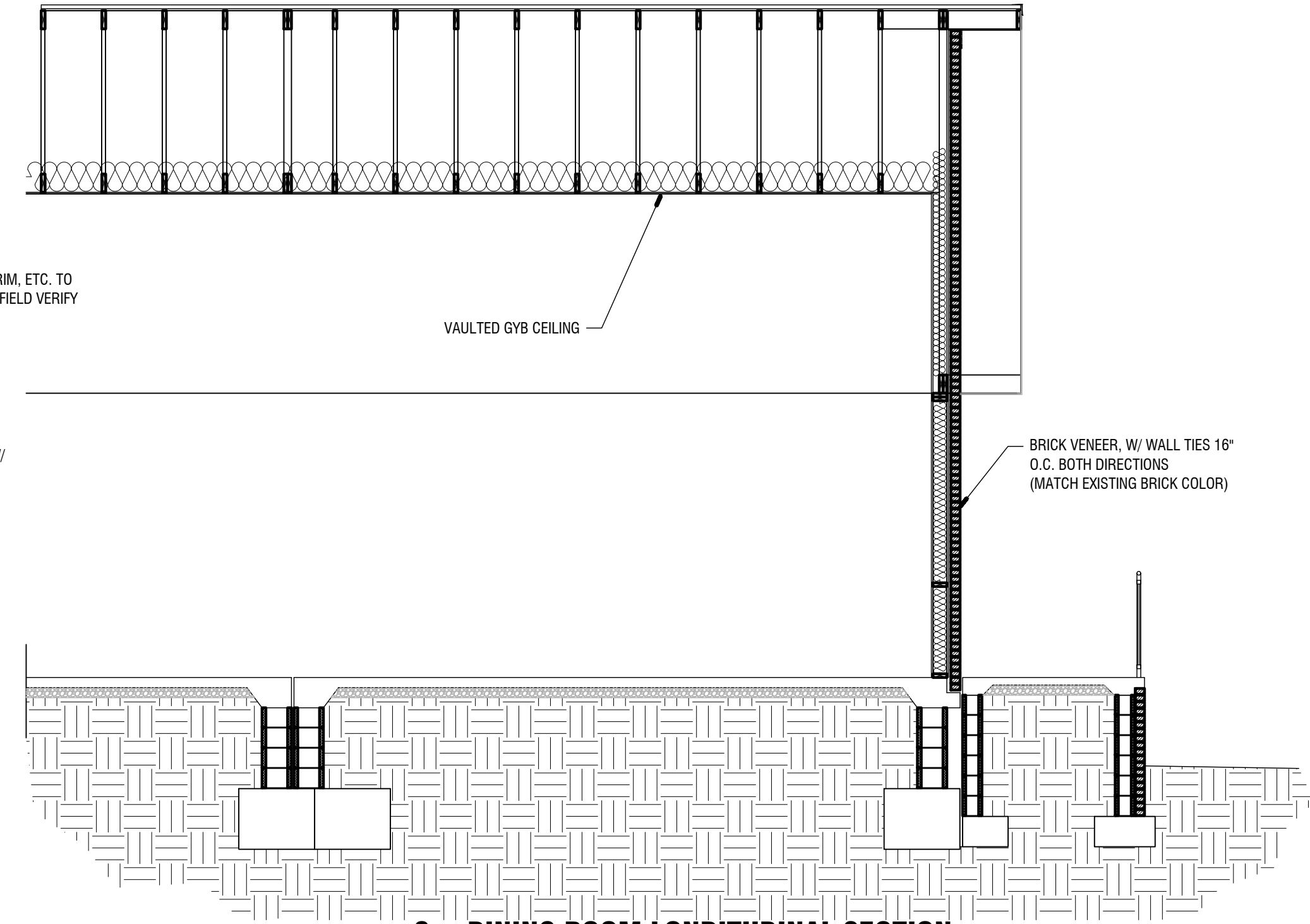


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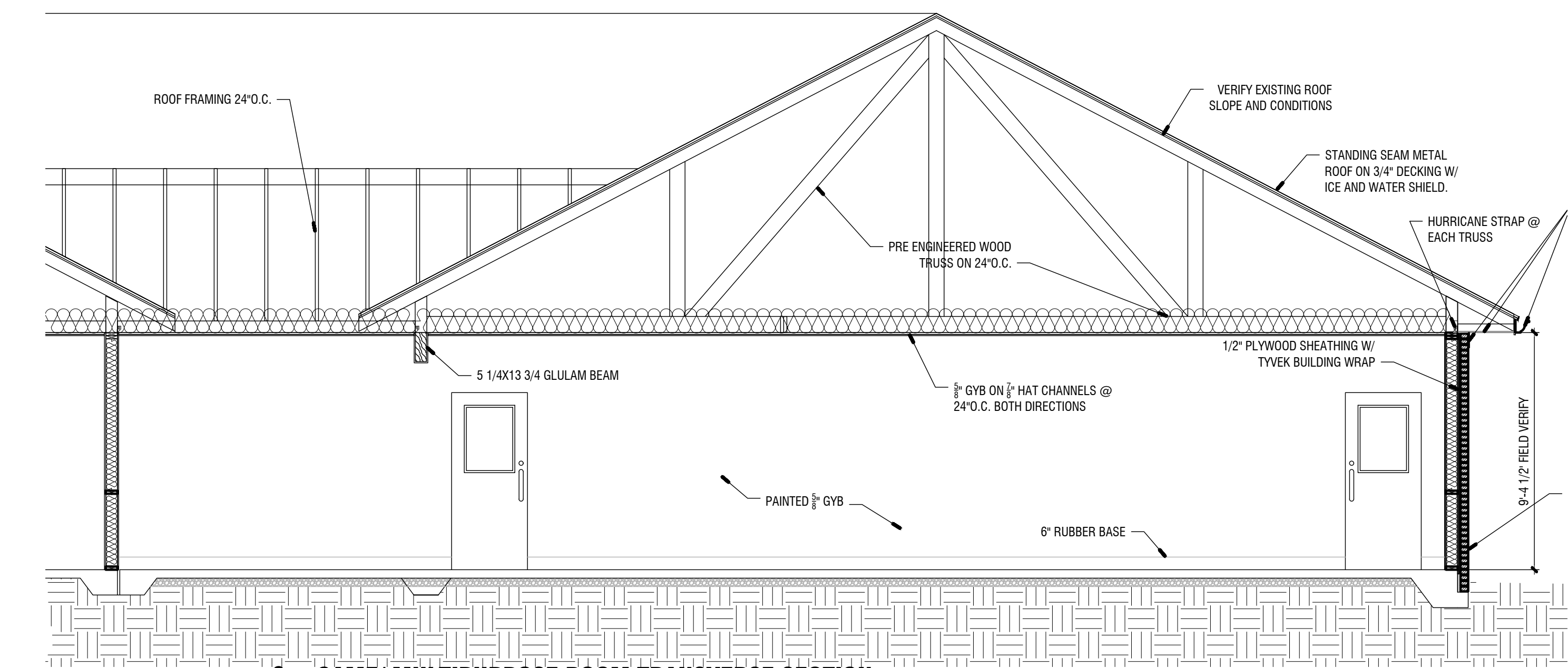
SHEET TITLE: WINDOW AND DOOR DETAILS	NUMBER: A-205
PRINTED:	



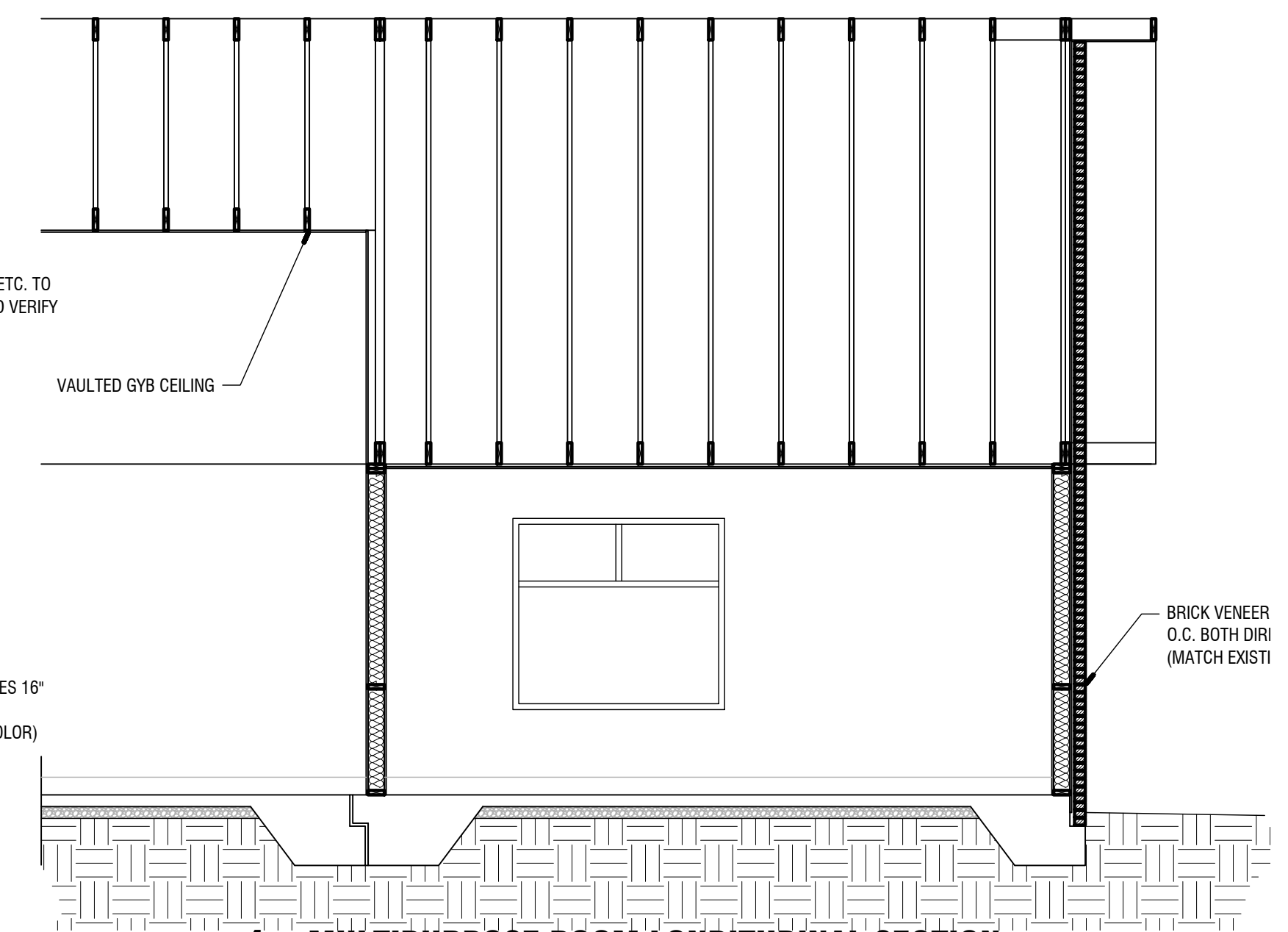
5 DINING ROOM TRANSVERSE SECTION
ViewportScale



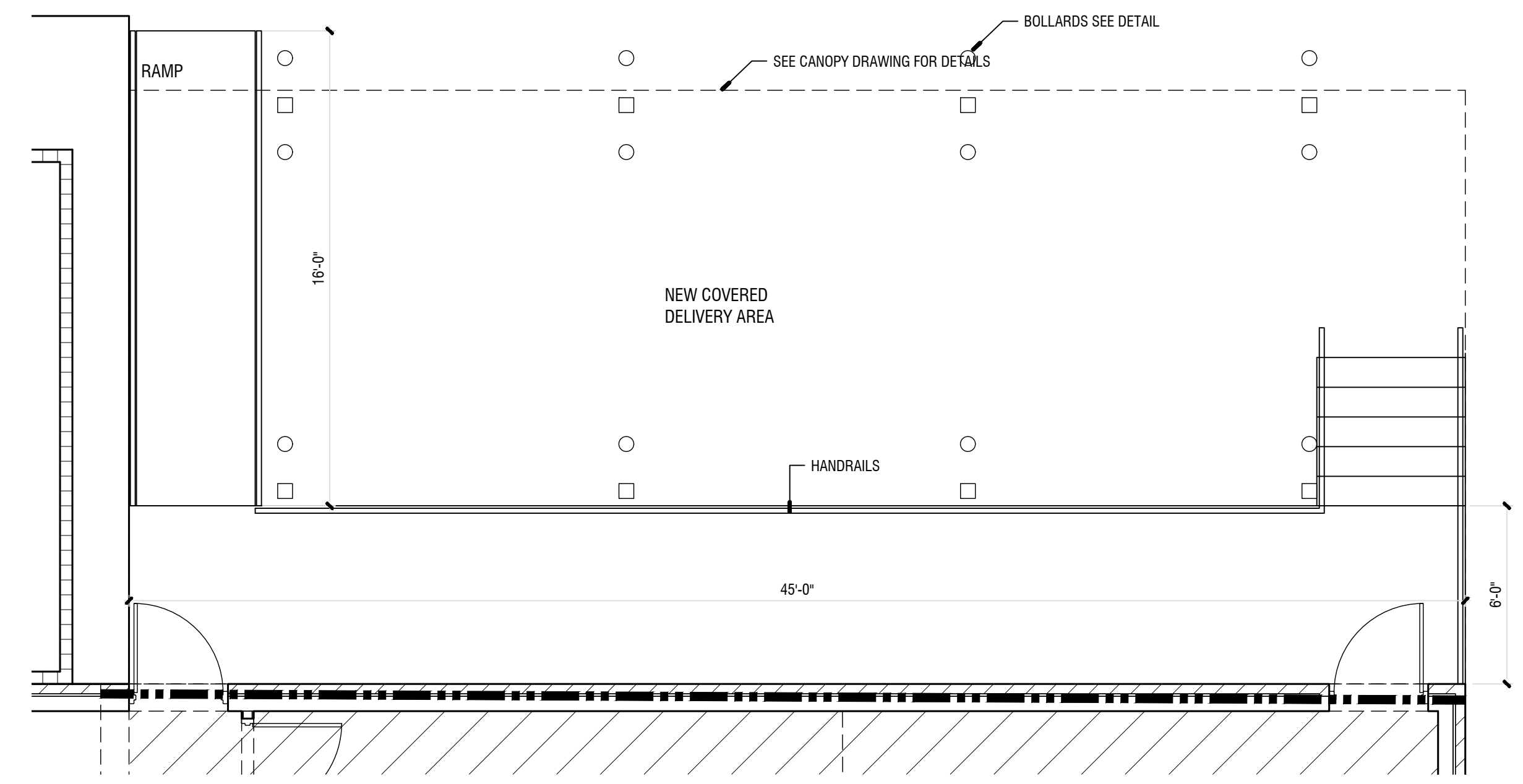
6 DINING ROOM LONITUDINAL SECTION
ViewportScale



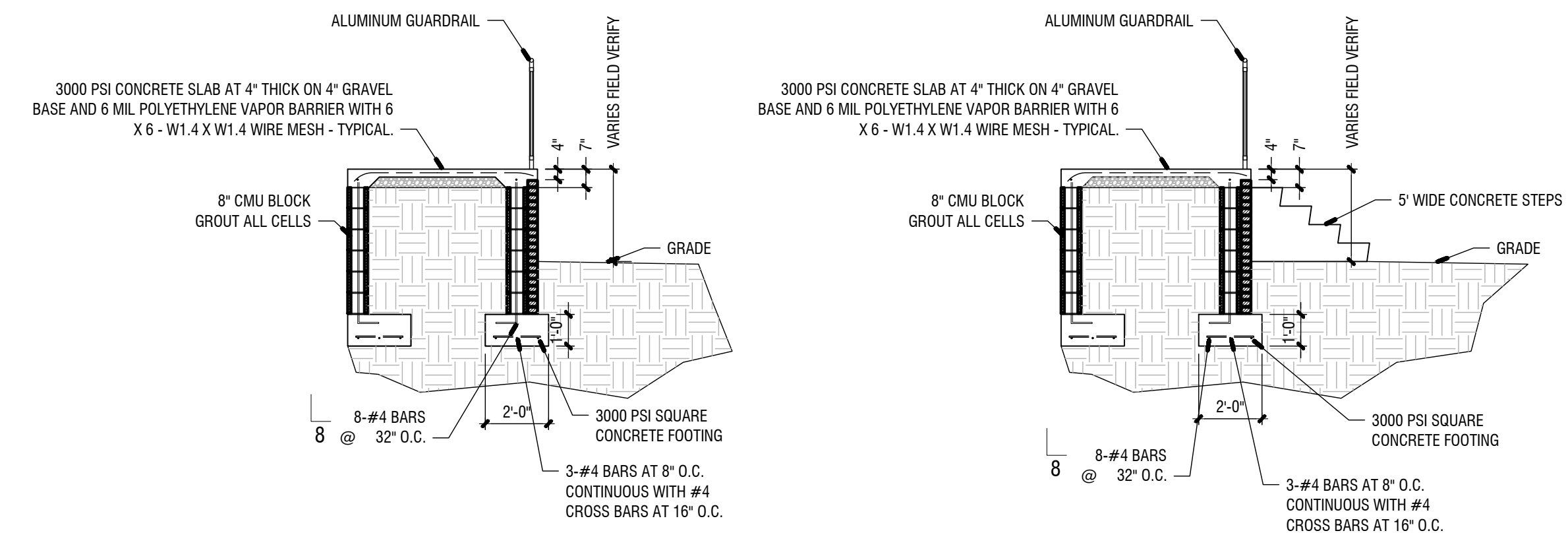
3 GAME/ MULTIPURPOSE ROOM TRANSVERSE SECTION
ViewportScale



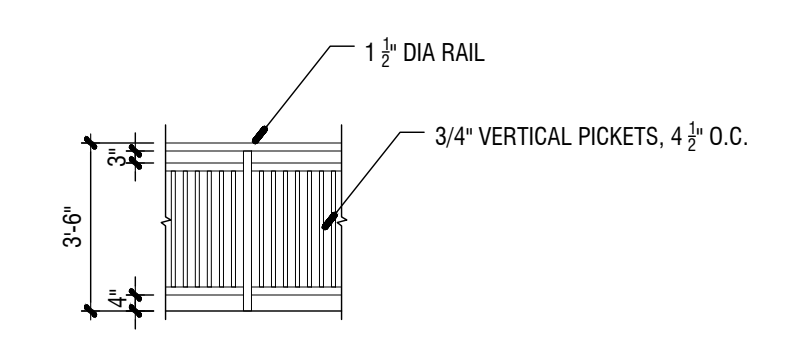
4 MULTIPURPOSE ROOM LONITUDINAL SECTION
ViewportScale



1 LOADING DOCK PLAN
ViewportScale



2 LOADING DOCK SECTIONS
ViewportScale



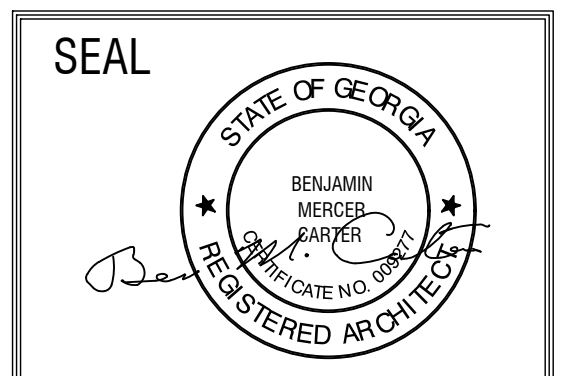
7 GUARDRAIL DETAIL
ViewportScale

JUL 17 2023 1 T:\SHARED CAD\Projects\2022\Jackson County Senior Center\Sheets\A-301 BUILDING SECTIONS AND DETAILS.dwg

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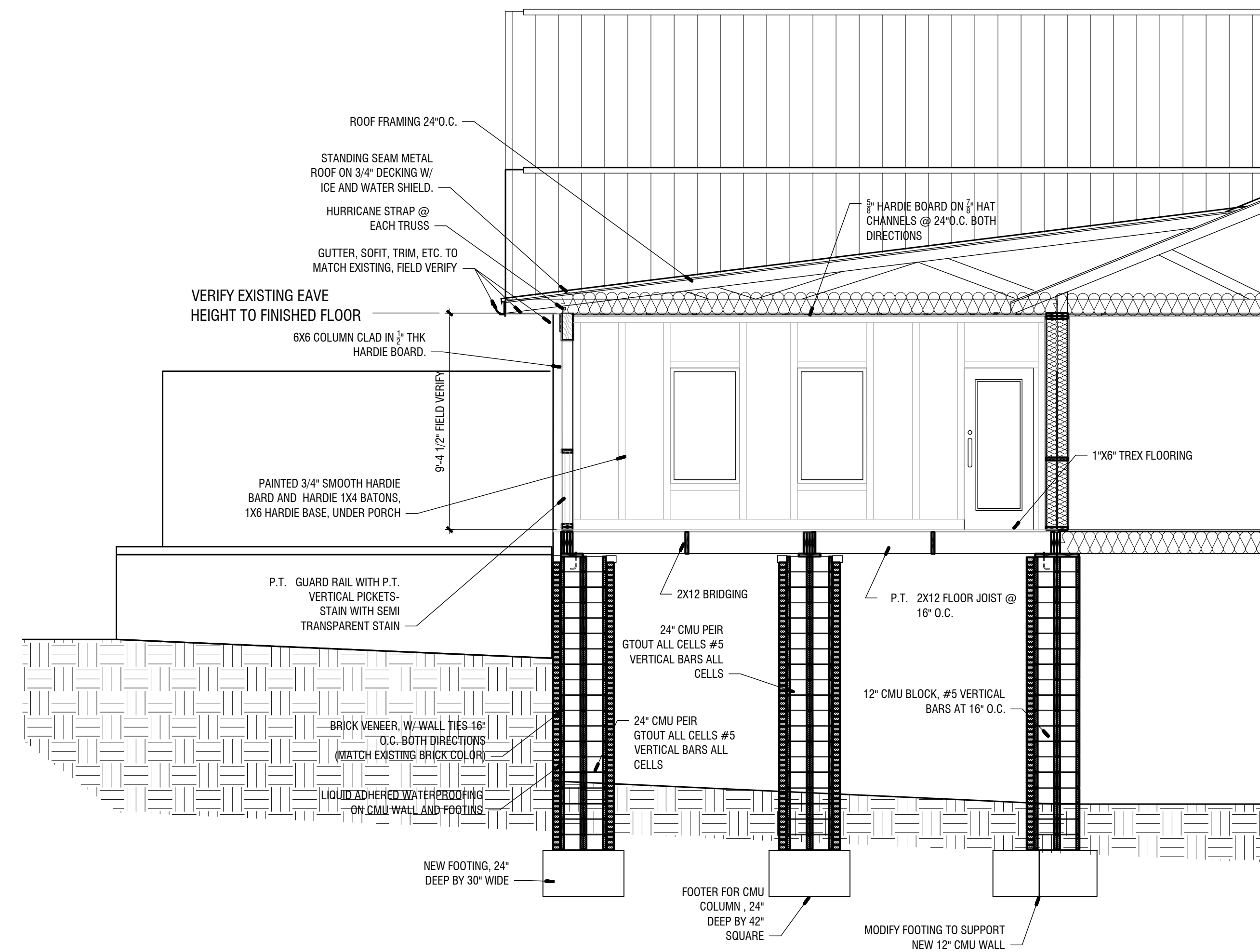
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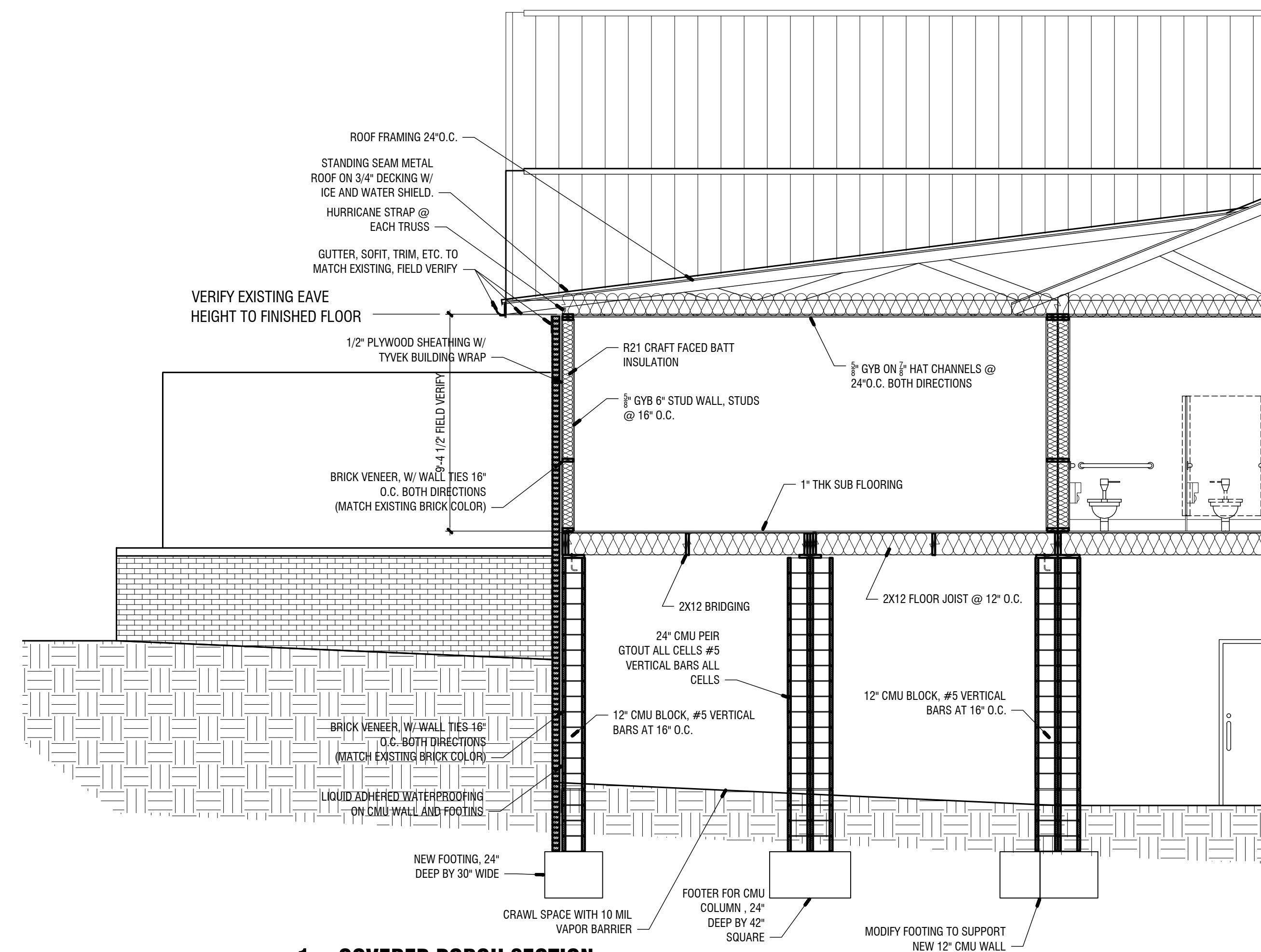
SHEET TITLE: BUILDING SECTIONS AND DETAILS	NUMBER: A-301
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2 FITNESS ROOM SECTION

1/4"=1'-0"



1 COVERED PORCH SECTION

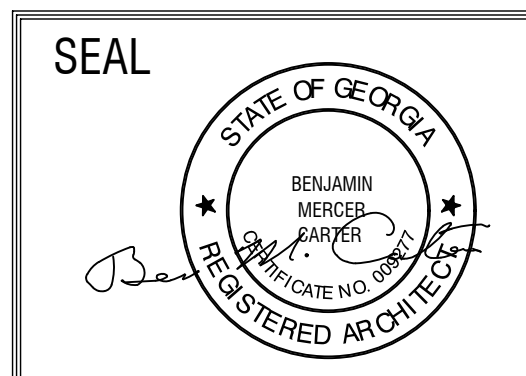
1/4"=1'-0"

Jul 17 2023 11:51 AM T:\SHARED CAD Projects\2022 Jackson County Senior Center\Sheets\A-302 BUILDING SECTIONS CONT.dwg

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X	00-00-00	N/A			

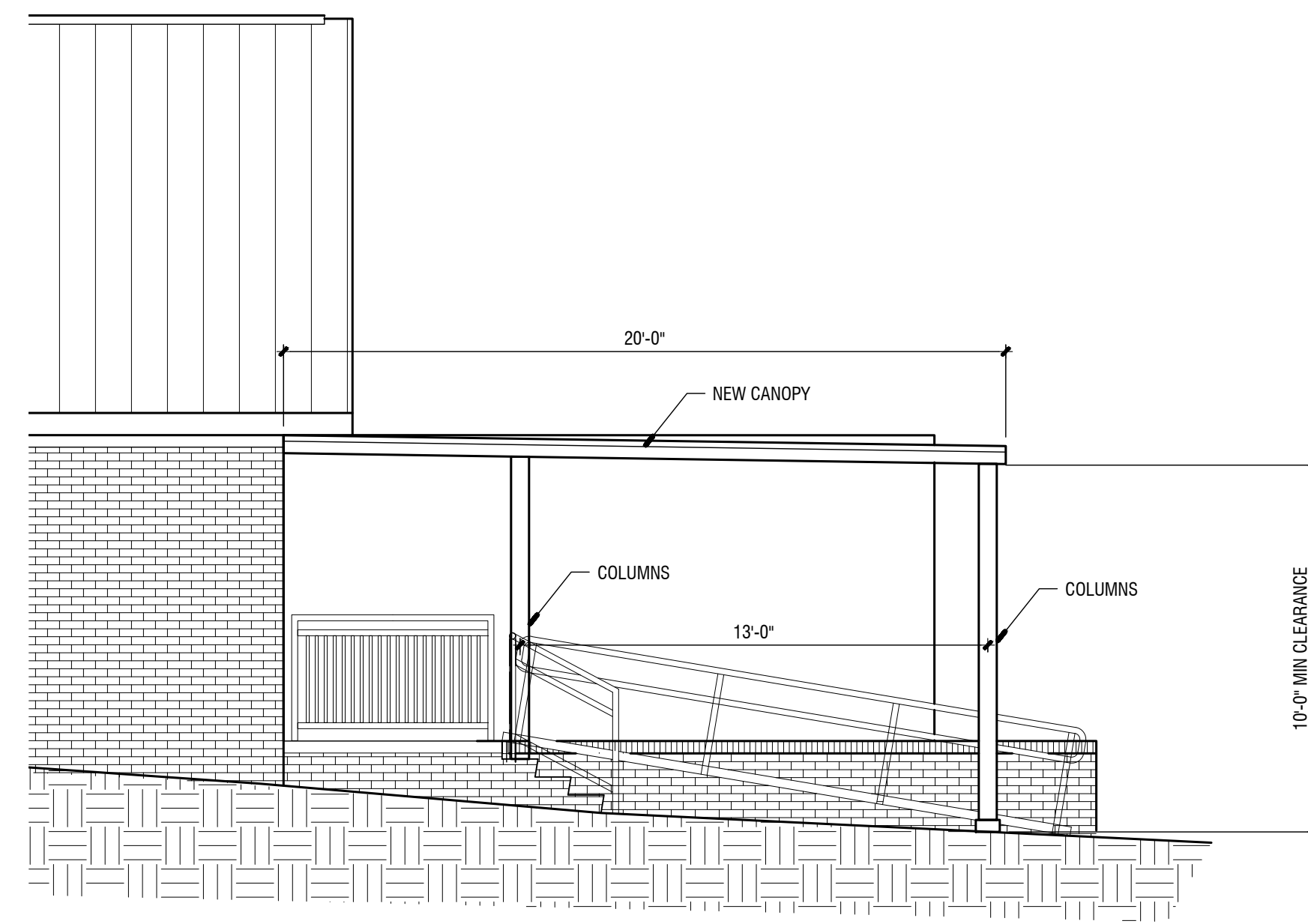
CONSULTANTS					

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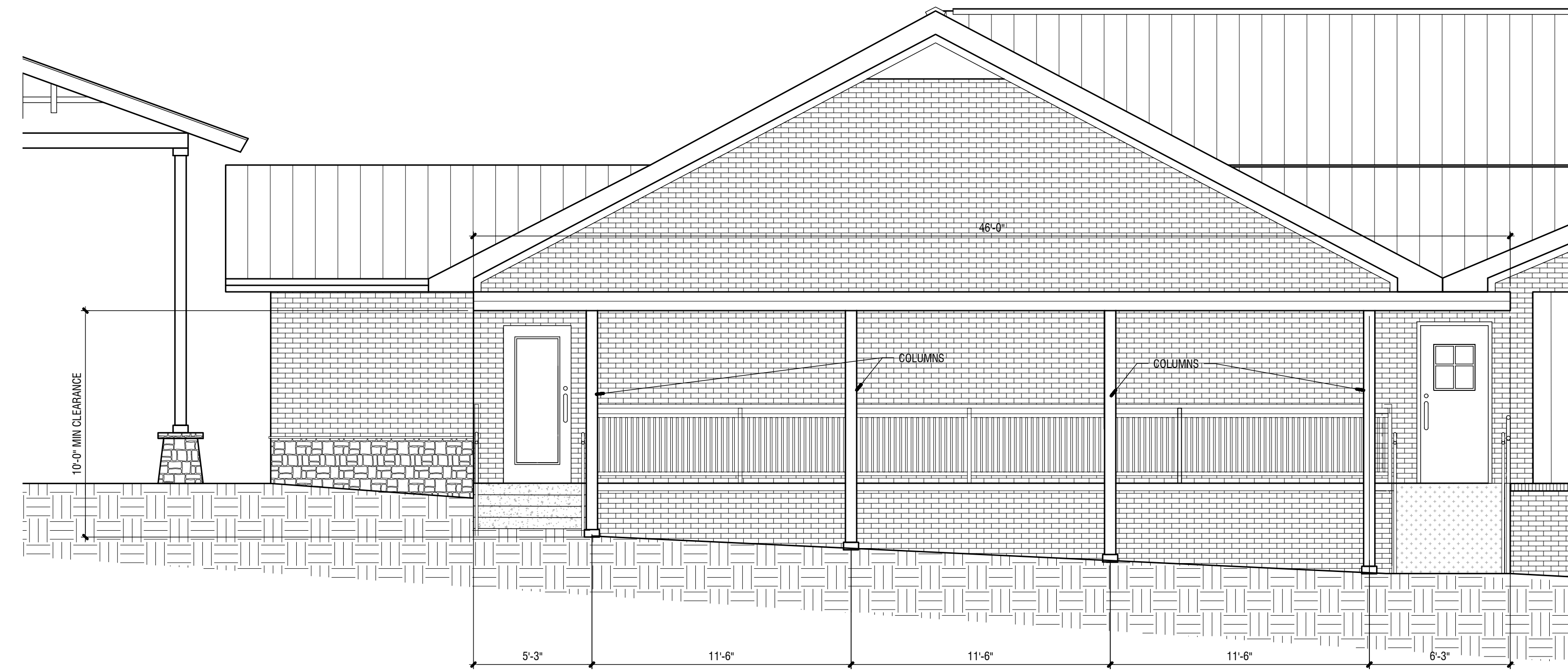


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SHEET TITLE: BUILDING SECTIONS CONT	NUMBER: A-302
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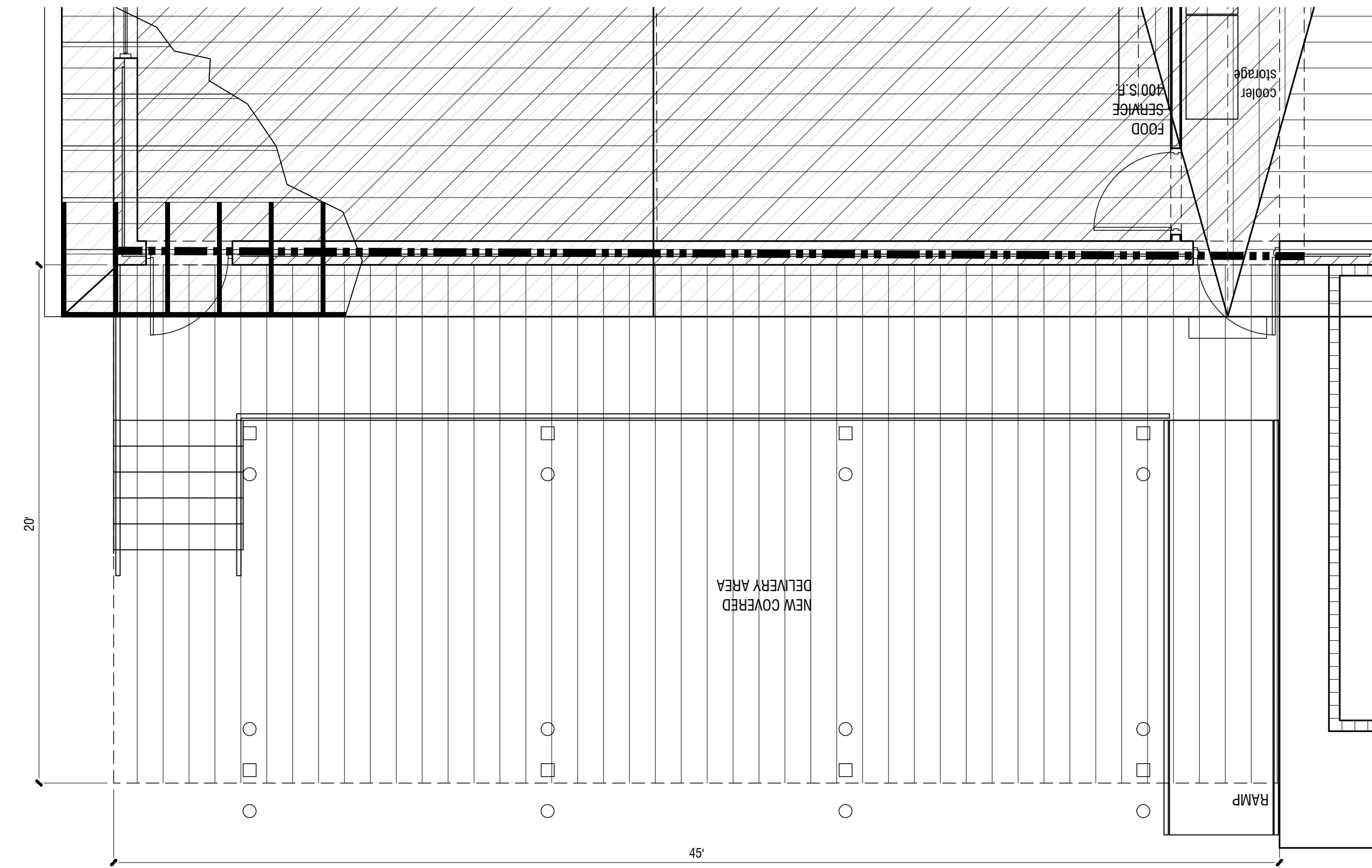


1 CANOPY SIDE VIEW
1/4"=1'-0"



2 CANOPY FRONT VIEW
1/4"=1'-0"

NOTE: CANOPY IS TO BE DESIGNED BY A LICENSED GEORGIA ENGINEER, FIELD VERIFY EXISTING CONDITIONS. PROVIDE DETAILED SHOP DRAWINGS.

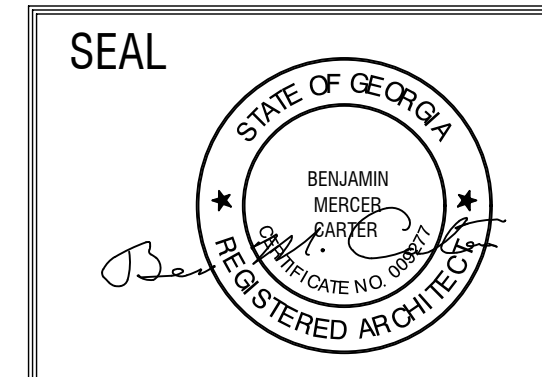


3 CANOPY PLAN VIEW
1/4"=1'-0"

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SHEET TITLE: CANOPY DETAILS	NUMBER: A-303
PRINTED:	

LEGEND

ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT
MOUNTING HEIGHT FROM THE CENTER OF ITEM

FIRE ALARM SYSTEM

	MANUAL PULL STATION, 4'-0" AFF
	COMBINATION ALARM HORN/STROBE, 6'-8" AFF
	CEILING MOUNTED SYSTEM SMOKE DETECTOR
	STROBE ALARM, 6'-8" AFF
	FIRE ALARM CONTROL PANEL, TOP AT 6'-6" AFF
	FIRE ALARM ANNUCIATOR, FLUSH, 5'-0" AFF

POWER/MOTORS

	MOTOR
	DISCONNECT SWITCH, AMPS/POLES/FUSE
	PANELBOARD
	MOTOR STARTER

SIGNAL COMMUNICATIONS

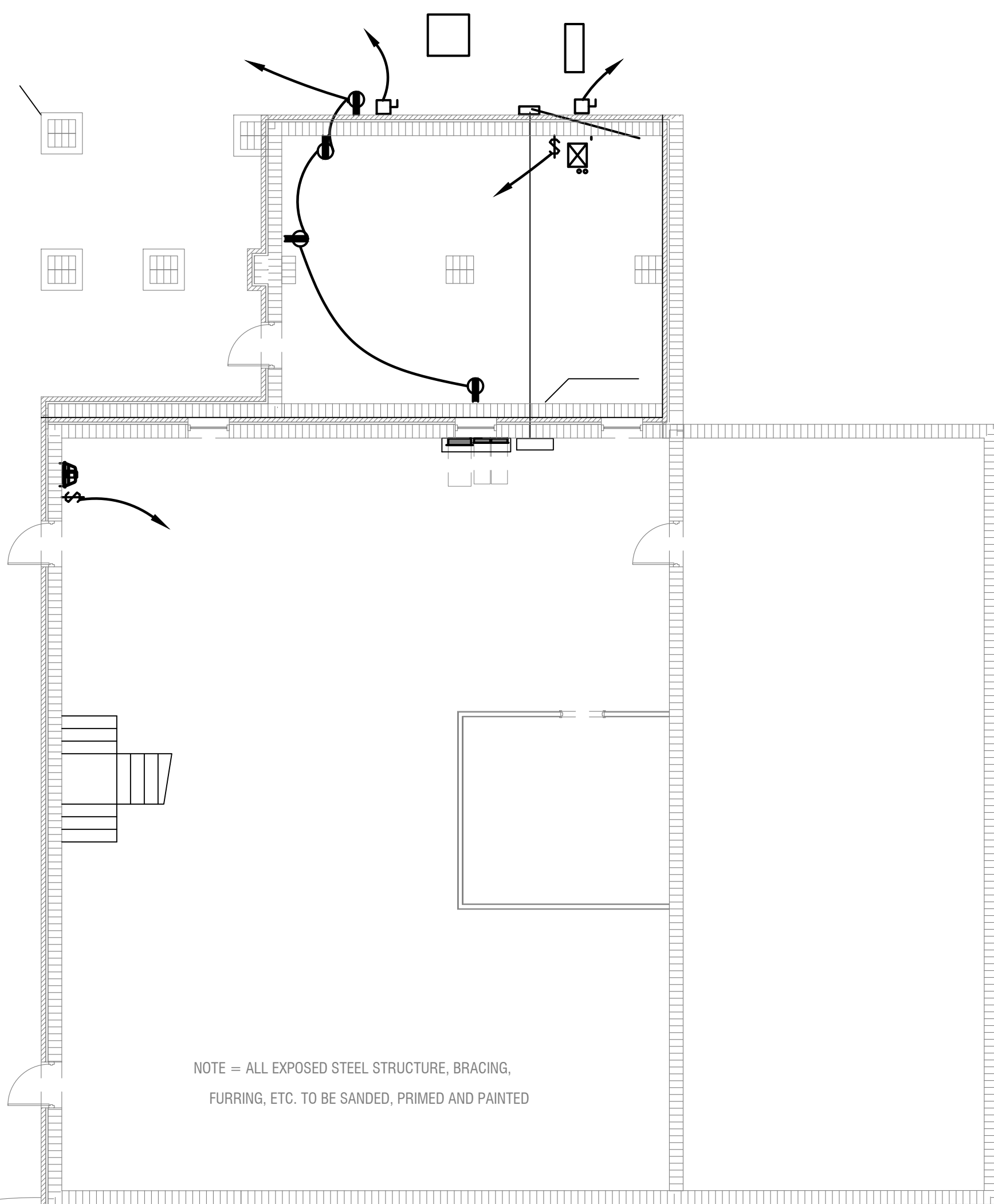
	TELEPHONE/DATA OUTLET 18" AFF, RUN 3/4" CONDUIT WITH PULL STRING 0'-6" ABOVE CEILING AND/OR INSULATION.
	TELEVISION OUTLET, STUB 1" CONDUIT, WITH PULL STRING FROM RECESSED JUNCTION BOX 0'-6" ABOVE CEILING AND/OR INSULATION

WIRING

	SINGLE POLE SWITCH, 3"6" AFF
	SENSORWORX-823-XX DIMMING WALL SWITCH
	SUBSCRIPT INDICATES NUMBER OF POLES FOR SWITCH 3 FOR 3 WAY, 4 FOR 4 WAY, M FOR MOTOR CONTROLLER
	CONDUIT IN WALL OR ABOVE CEILING
	CONDUIT IN FLOOR SLAB OR UNDER GROUND
	EXPOSED CONDUIT
	HOME RUN, 2#12 AND 1#12 GROUND COPPER THHN 1/2"C OR AS NOTED.
	JUNCTION BOX, CEILING WALL

RECEPTACLES/WIRING DEVICES

	DUPLEX OUTLET, 20A, 125V, HUBBELL #CBR20* OR EQUAL (MOUNT 18" A.F.F.)
	DUPLEX OUTLET MOUNTED ABOVE COUNTER (COORDINATE W/CABINET WORK)
	DUPLEX OUTLET W/G.F.I., HUBBELL #GF5352*A OR EQUAL (MOUNT 18" AFF)
	DUPLEX OUTLET W/G.F.I. MOUNTED ABOVE COUNTER

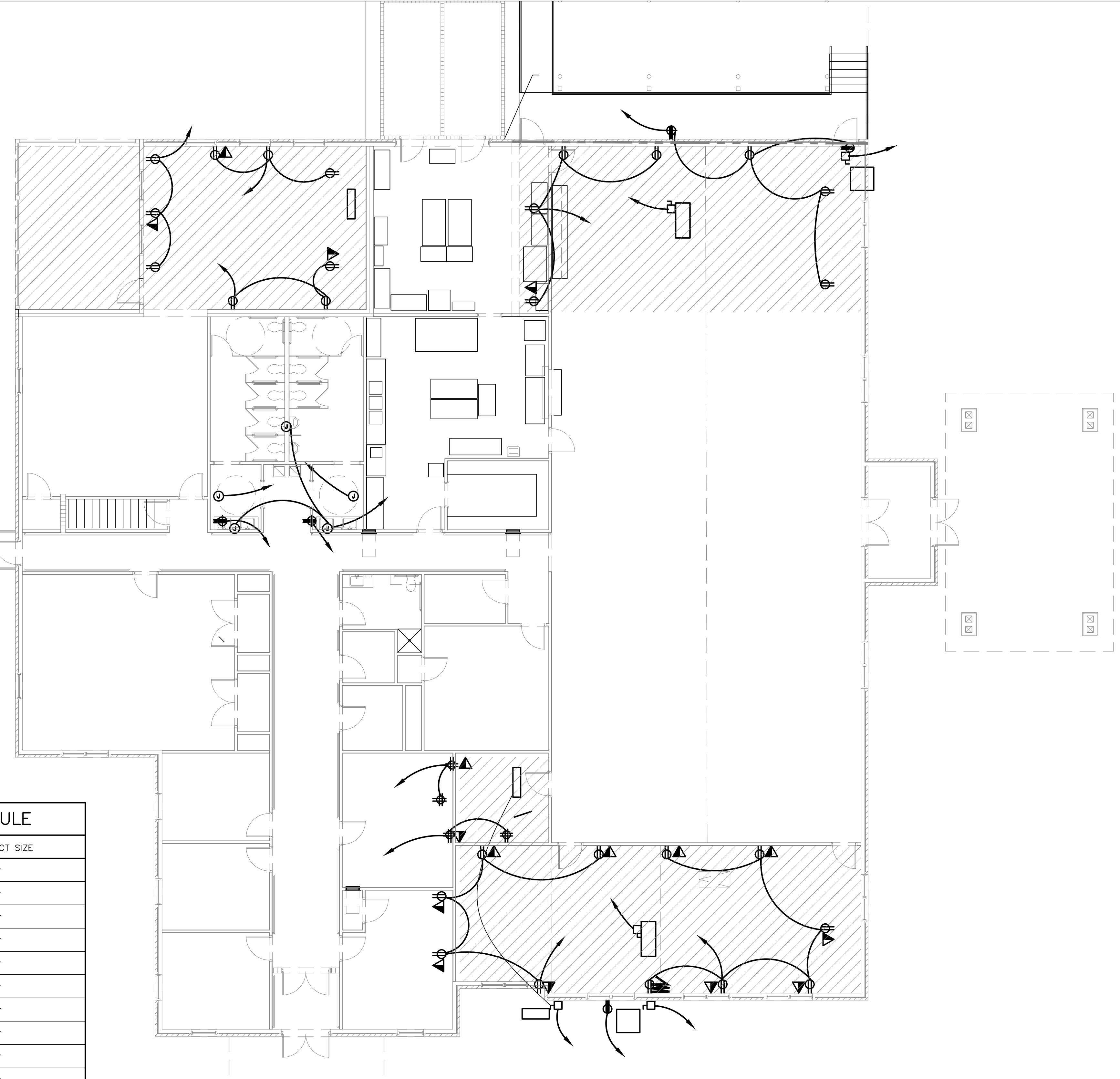


BASEMENT FLOOR PLAN-POWER
1/8"=1'-0"

NOTE = ALL EXPOSED STEEL STRUCTURE, BRACING, FURRING, ETC. TO BE SANDED, PRIMED AND PAINTED

COPPER WIRING SCHEDULE		
BREAKER SIZE	WIRING SIZE	DISCONNECT SIZE
20/1	2#12,1#12G, 1/2"C	30/2/NF
20/2	3#12,1#12G, 1/2"C	30/3/NF
20/3	4#12,1#12G, 1/2"C	30/4/NF
30/1	2#10,1#10G, 1/2"C	30/2/NF
30/2	3#10,1#10G, 1/2"C	30/3/NF
30/3	4#10,1#10G, 1/2"C	30/4/NF
40/1	2#8,1#10G, 3/4"C	60/2/NF
40/2	3#8,1#10G, 3/4"C	60/3/NF
40/3	4#8,1#10G, 3/4"C	60/4/NF
50/1	2#6,1#10G, 3/4"C	60/2/NF
50/2	3#6,1#10G, 3/4"C	60/3/NF
50/3	4#6,1#10G, 3/4"C	60/4/NF
60/1	2#6,1#10G, 1"C	60/2/NF
60/2	3#6,1#10G, 1"C	60/3/NF
60/3	4#6,1#10G, 1"C	60/4/NF
70/1	2#4,1#8G, 1"C	100/2/NF
70/2	3#4,1#8G, 1"C	100/3/NF
70/3	4#4,1#8G, 1"C	100/4/NF
80/1	2#4,1#8G, 1"C	100/2/NF
80/2	3#4,1#8G, 1 1/4"C	100/3/NF
80/3	4#4,1#8G, 1 1/4"C	100/4/NF
90/1	2#3,1#8G, 1 1/4"C	100/2/NF
90/2	3#3,1#8G, 1 1/4"C	100/3/NF
90/3	4#3,1#8G, 1 1/4"C	100/4/NF
100/1	2#3,1#8G, 1 1/4"C	100/2/NF
100/2	3#3,1#8G, 1 1/4"C	100/3/NF
100/3	4#3,1#8G, 1 1/2"C	100/4/NF

* MAXIMUM LENGTH=100 FT.
** OUTDOOR DISCONNECT SHALL BE WEATHERPROOF
PROVIDE NEUTRAL WIRE FOR DRYER, RANGE, AND OVEN.

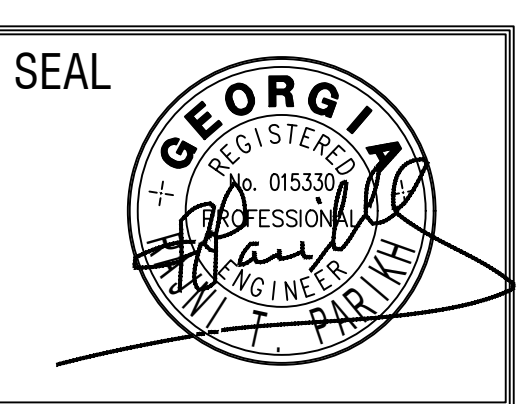


FIRST FLOOR PLAN-POWER
1/8"=1'-0"

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

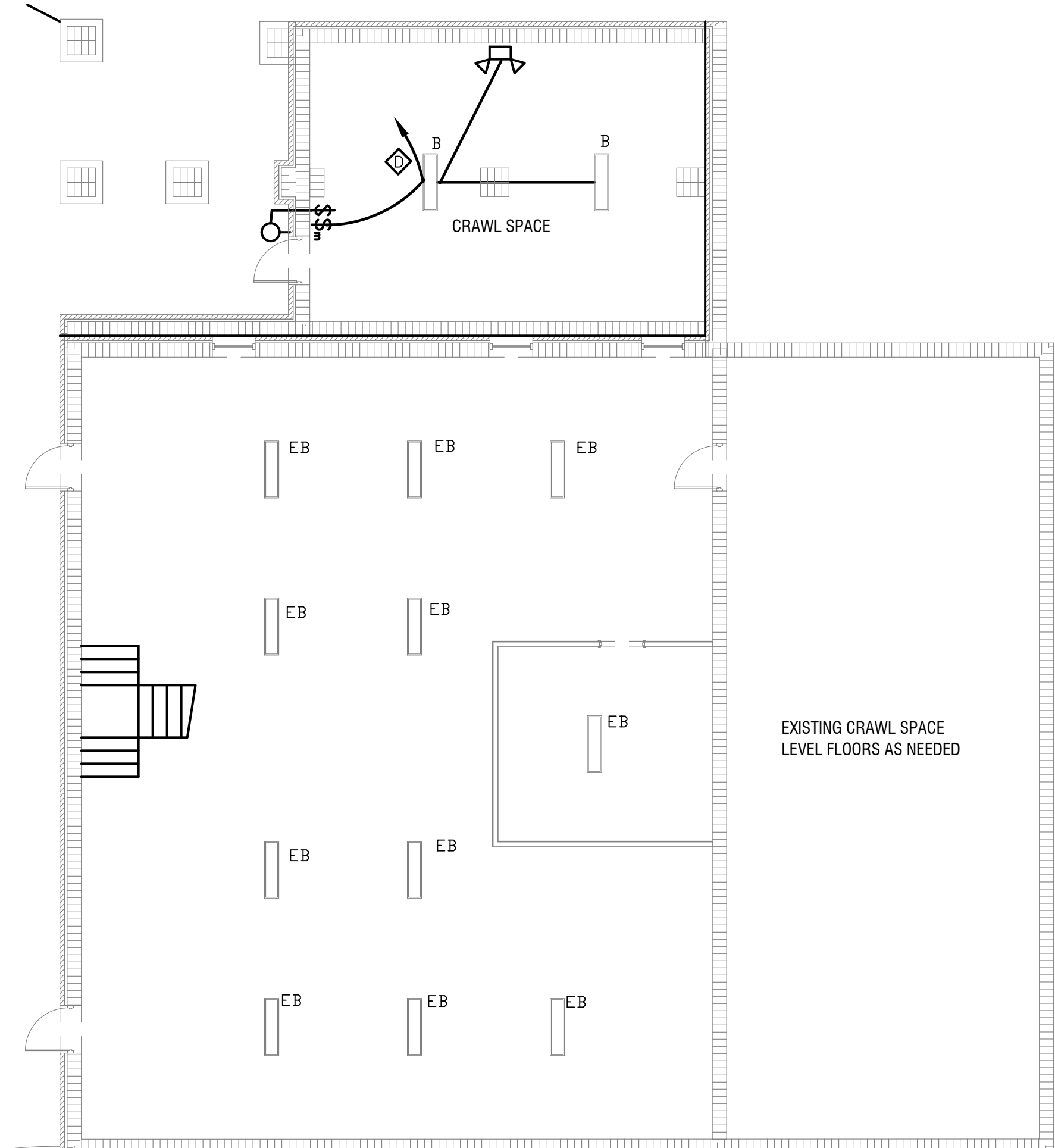
CONSULTANTS

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SHEET TITLE: **BASEMENT & FIRST FLOOR PLAN-POWER LEGEND & WIRING SCHEDULE**
NUMBER: **E-1**
PRINTED: Jul 16, 2023



BASEMENT FLOOR PLAN-LIGHTS
1/8"=1'-0"

- A-INDUSTRIAL LIGHTING PRODUCTS, INC. VAT14-3BL-U-40-SM14, 1X4 3800 LUMENS, 4000K, 29 WATTS, 115/1/60 VOLTS. SURFACE MOUNT, ON/OFF OCCUPANCY SENSOR
 ALTERNATE: FNW44040-01, 35 WATTS, WITH ON/OFF OCCUPANCY SENSOR
 EA-REPLACE EXISTING LIGHT FIXTURE TO TYPE - 'A'
- B-INDUSTRIAL LIGHTING PRODUCTS, INC. S04-4L-U-40-WB, 4000 LUMENS, 4000K, 29 WATTS, 115/1/60 VOLTS. SURFACE MOUNT, OCCUPANCY SENSOR
 ALTERNATE: FNW44040-01, 35 WATTS, WITH ON/OFF OCCUPANCY SENSOR
 EB-REPLACE EXISTING LIGHT FIXTURE TO TYPE - 'B'
- C-KUZCO BRAVO EW70714, 21W, 120/1/60 VOLTS, 1700LUMEN, LED LIGHT FIXTURE
 EC-REPLACE EXISTING LIGHT FIXTURE TO TYPE 'C'
- D-INDUSTRIAL LIGHTING PRODUCTS, INC. WPCM-3L-U-40-T3-EM12-PCU, 3000 LUMENS, 4000K, TYPE III, 21 WATTS, 115/1/60 VOLTS. WALL PACK, EMERGENCY BATTERY BACKUP, PHOTOCELL
 ED-REPLACE EXISTING LIGHT FIXTURE TO TYPE - 'D'
- INDUSTRIAL LIGHTING PRODUCTS, INC. EXL1-U-WH-SD EMERGENCY LIGHT FIXTURE WITH SELF DIAGNOSTIC BATTERY BACK UP
- INDUSTRIAL LIGHTING PRODUCTS, INC. EXCI-U-RWH-SD, EXIT/EMERGENCY COMBO LIGHT FIXTURE WITH SELF DIAGNOSTIC BATTERY BACK UP
- MATCH WITH THE EXISTING FAN

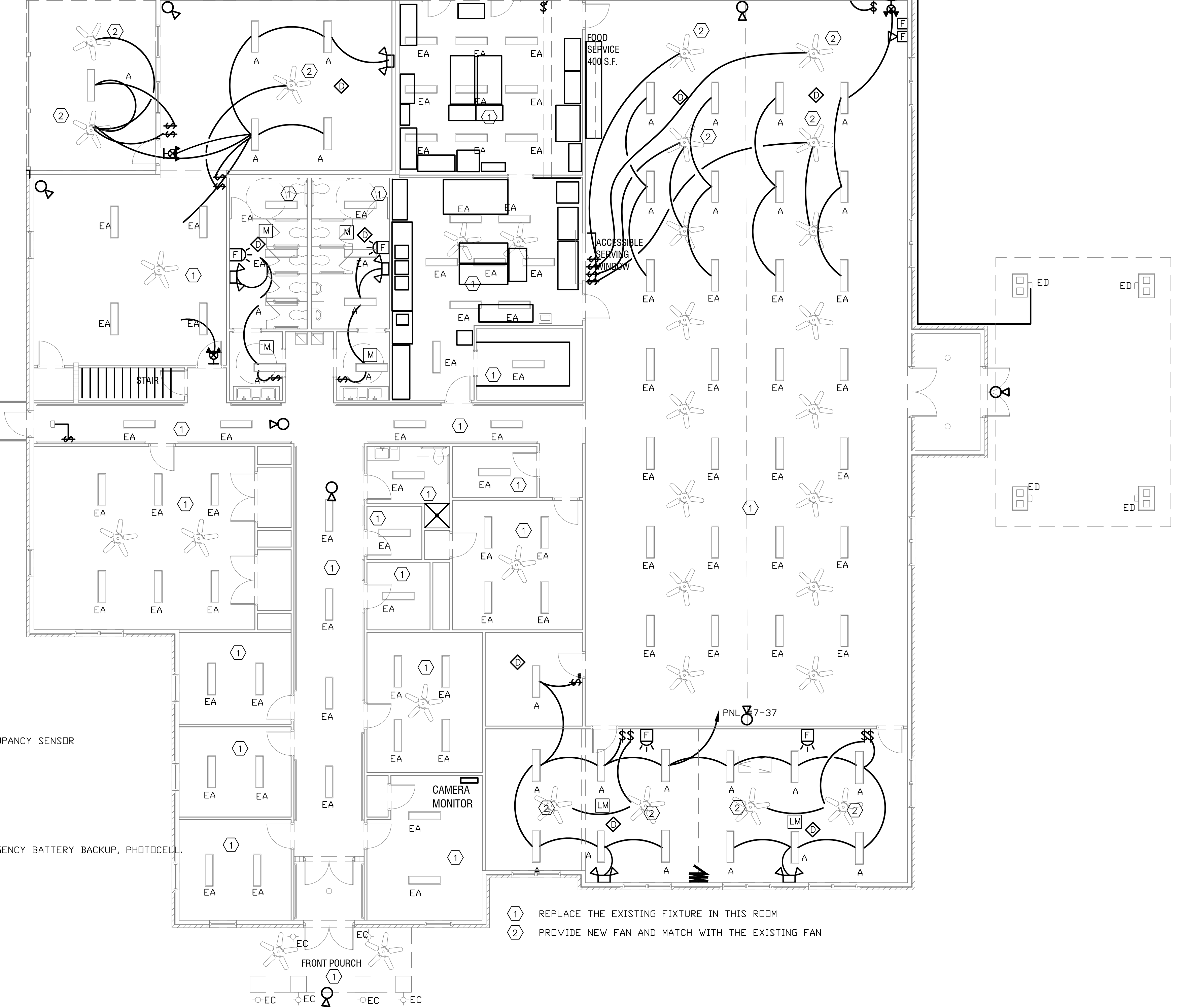
LIGHTS CONTROL LEGEND

- LEVINTON OCCUPANCY SENSOR OSC05/10/20-MWW
 SENSORWORX-SWX-222
- LEVINTON OCCUPANCY SENSOR OSC05/10/20-MWW
 SENSORWORX-SWX-221(SMALL AREA)
- LEVINTON OCCUPANCY SENSOR SWITCH-OSMTT
 SENSORWORX-SWX-121
- LEVINTON OCCUPANCY SENSOR SWITCH-OSMTT
 SENSORWORX-SWX-121-D
- WALL SWITCH WITH ON/OFF AND DIMMING -ADAPTABLE
 WALL SWITCH LEVINTON-RLSW-4LW
 SENSORWORX-SWX-803-XX
- LEVINTON OCCUPANCY SENSOR OSC05/10/20-MWW
 SENSORWORX-231/2

LIGHTS-SEQUENCE OF OPERATION (ADDITION ONLY)

- GAME RM AND MULTI-PURPOSE (LOW VOLTAGE) (SWX-222, SWX803-XX, SWX-900-AX)**
- Lighting switched on manually to last user level or automatically to 50% upon occupancy.
 - On/off & raise/lower control of lighting via dimmer switch.
 - Lighting turns off automatically after occupants leave the space
- REST ROOMS-(SENSORWORX-SWX-221/222-1, SWX803-XX, SWX-900-AX)**
- Lighting switched on automatically to full bright.
 - On/off manual control of lighting.
 - Lighting turns off automatically after occupants leave the space.
- IT ROOM AND BASEMENT-(SENSORWORX-SWX-121)**
- Lighting switched on automatically to full bright.
 - On/off manual control of lighting.
 - Lighting turns off automatically after occupants leave the space.

SECURITY CAMERA (TYP). COORDINATE WITH THE CAMERA SUPPLIER



FIRST FLOOR PLAN-LIGHTS
1/8"=1'-0"

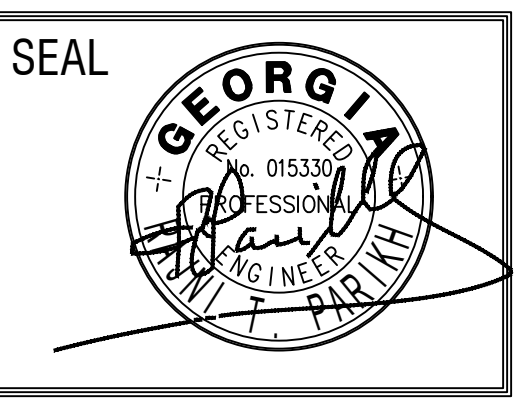
CONNECT THE NEW APPLIANCES TO THE EXISTING FIRE ALARM SYSTEM.
 PROVIDE LIGHTS AND SERVICE RECEPTACLE IN THE ATTIC NEAR AU-1 (TWO LOCATION)
 & PROVIDE SWITCH NEAREST WALL ON THE FIRST FLOOR.

- ① REPLACE THE EXISTING FIXTURE IN THIS ROOM
- ② PROVIDE NEW FAN AND MATCH WITH THE EXISTING FAN

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS

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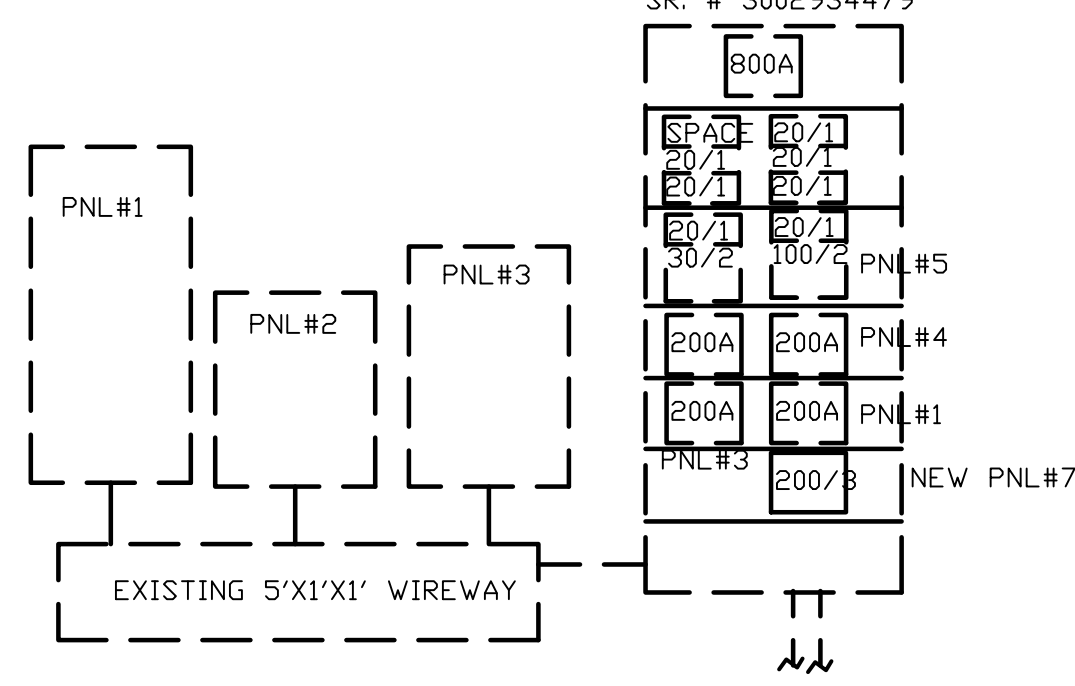
JACKSON COUNTY SENIOR CENTER
 151 GENERAL JACKSON DR. JEFFERSON GA 30549

SHEET TITLE:
BASEMENT AND FIRST FLOOR PLAN LIGHTS, LIGHT FIXTURES SCHEDULE
 PRINTED: Jul 16, 2023

NUMBER:
E-2

EXISTING SIEMENS P4460M1800TSMDB-800A

SR. # 3002934479



EXISTING ELECTRIC POWER RISER

Panel schedule for NEW PNL #7. Main device: MAIN BREAKER. Voltage: 208/3/60V, 4W. Rating: 200A BRKR. Location: ? MOUNTING: SURFACE/RECESSED. Items include HAND DRYER, RECP-MEN, RECP-WOMEN, RECP-DINING, RECP-GAME, RECP-MULTI, RECP-IT RM, SHP-1 AND AHP-1, HP-1* GAME, RECP-SERVICE, HP-1* DINING, LIGHTS-GAME RM, and LIGHTS-DELIVERY.

Panel schedule for EXISTING "MDP". Main device: MAIN BREAKER. Voltage: 208/3/60V, 4W. Rating: 800 AMPS. Location: ? MOUNTING: SURFACE/RECESSED. Items include SPACE, TVSS, and various panels (#2, #3, #4, #5, #7).

Panel schedule for EXISTING "1". Main device: MAIN BREAKER. Voltage: 208/3/60V, 4W. Rating: 225 AMPS. Location: ? MOUNTING: SURFACE/RECESSED. Items include CU-1-2.5 TONS, CU-3-5 TONS, CU-5-4 TONS, BASEMENT RECP, FREEZER-RECP, NEW CU-8, SHP-2 AND AHP-2*, and AU-8.

Panel schedule for EXISTING "2". Main device: MAIN BREAKER. Voltage: 208/3/60V, 4W. Rating: 200 AMPS. Location: ? MOUNTING: SURFACE/RECESSED. Items include GAS FURNACE -1, DRYER, CONV. OVEN, GAS FURNACE 4, GAS FURNACE 2, GAS FURNACE 3, GAS FURNACE -6, GAS FURNACE-7, CU-7-2 TON, CONV. OVEN, GAS FURNACE-5, FIRE ALARM-RECP, and POWER FOR SINK.

Panel schedule for EXISTING "4". Main device: MAIN BREAKER. Voltage: 208/3/60V, 4W. Rating: 200A BRKR. Location: ? MOUNTING: SURFACE/RECESSED. Items include CU-2 3 TONS, CU-4-5 TONS, CU-6-5 TONS, RECP-AC, and RECP-GAME-NEW.

Panel schedule for EXISTING "5". Main device: M.L.O. Voltage: 208/1/60V, 3W. Rating: 125 M.L.O. Location: ? MOUNTING: SURFACE/RECESSED. Items include GAS FURNACE-6, GAS FURNACE-7, CU-7-2 TON, GAS FURNACE-5, FIRE ALARM-RECP, and POWER FOR SINK.

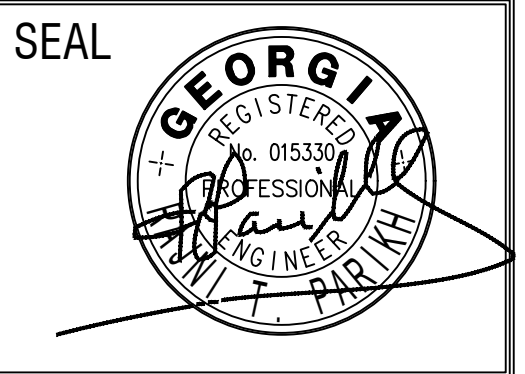
Panel schedule for EXISTING "3". Main device: MAIN BREAKER. Voltage: 208/3/60V, 4W. Rating: 200 AMPS. Location: ? MOUNTING: SURFACE/RECESSED. Items include GAME ROOM LIGHTS, RECEPTACLES-QUILTING, GREEN ROOM RECP, HALL LIGHTS, STEAM TABLE, WATER HEATER, BASMENT LIGHTS, SPARE, NEW HALL RECP, OVEN, OUTSIDE, TELEPHONE RECP, NEW CRAWL SPACE, and NEW FAN.

Panel schedule for EXISTING "6". Main device: MAIN BREAKER. Voltage: 208/3/60V, 4W. Rating: 200A BRKR. Location: ? MOUNTING: SURFACE/RECESSED. Items include CLASS RM-RECP, QUILTING, LIGHTS-OFFICE, WOMENS BATH & COOLER, RECP-BLUE ROOM & GREEN, BASMENTS LIGHTS, CLASS RM-LIGHTS, STEAM TABLE, RECP-BASMENT, COOLER, STOVE FLAT TOP, SHUNT, and STOVE CONV. OVEN.

REVISIONS table with columns for Number, Date, and Remarks.

CONSULTANTS section with a blank space for listing consultants.

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JACKSON COUNTY SENIOR CENTER, 151 GENERAL JACKSON DR. JEFFERSON GA 30549

SHEET TITLE: EXISTING PANEL SCHEDULES LEGEND & WIRING SCHEDULE, PRINTED: Jul 16, 2023

NUMBER: E-3

ELECTRICAL NOTES

1. CONTRACTOR SHALL NOT RUN ANY WIRES WITHOUT VERIFYING WITH ELECTRICAL CHARACTERISTICS OF EQUIPMENT. DESIGN DOCUMENTS MAY DIFFER FROM ACTUAL ELECTRICAL CHARACTERISTICS OF EQUIPMENT. ENGINEER DOES NOT HAVE ACTUAL EQUIPMENT DATA DURING DESIGN PROCESS. CONTRACTOR SHALL BRING TO ATTENTION OF ENGINEER FOR ANY DISCREPANCIES. CONTRACTOR MUST SUBMIT EQUIPMENT DATA WHICH REQUIRES ELECTRICAL POWER TO ENGINEER. APPROVED EQUIPMENT BY ENGINEER OR ARCHITECT DOES NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY OF VERIFICATION OF ELECTRICAL CHARACTERISTICS OF EQUIPMENT AND MODIFY CIRCUITS AS NECESSARY.
2. RUN 4 (TWO LIVE WIRES, ONE NEUTRAL, ONE GROUND) WIRES FOR DRYER AND OVENS. THIS NOTE SUPERCEDES NUMBER OF WIRES ON DRAWINGS.
3. ANY EQUIPMENT REQUIRES DUAL VOLTAGES (e.g. 240/120V FOR DRYER AND DRYER OR 277/120 VOLTS WITH CONTROL WIRES), CONTRACTOR SHALL RUN NEUTRAL WIRE.
4. PROVIDE GROUND FAULT OUTLET WITHIN 25 FEET OF ALL AIR CONDITIONING EQUIPMENT ON ROOF AND IN THE ATTIC (REGULAR) AS PER NEC CODE 210-8(B) & 210-63. CONNECT TO NEAREST RECEPTACLE CIRCUIT UNLESS OTHERWISE INDICATED.
5. PROVIDE ELECTRICAL CONNECTIONS TO ALL ITEMS SHOWN AS PART OF THE GENERAL CONTRACT WHICH REQUIRES ELECTRICITY.
6. COORDINATE ALL CONNECTIONS WITH EQUIPMENT SUPPLIER FOR EXACT LOCATION AND REQUIREMENTS.
7. PROVIDE CONNECTION TO ALL APPLIANCES, MECHANICAL AND PLUMBING EQUIPMENT INCLUDING TOILET EXHAUST FANS AND UNDER CABINET LIGHTS, SIGNS, ETC., CONTRACTOR MUST VERIFY WITH ARCHITECTURAL, INTERIOR, CIVIL, MECHANICAL AND PLUMBING CONTRACTORS THE QUANTITY OF EQUIPMENT CONNECTIONS BEFORE BIDDING AND FINAL CONTRACT. NEGLIGENCE OF VERIFYING QUANTITY WILL NOT BE COMPENSATED.
8. COORDINATE ALL ELECTRICAL AND COMMUNICATION OUTLETS WITH MILLWORK. IF ACCESS GRONNETS ARE NOT PROVIDED IN COUNTER TOP, INSTALL OUTLETS ABOVE COUNTER.
9. EXPOSED WIRING SHALL BE IN EMT OR RIGID CONDUIT.
10. SEE MECHANICAL DRAWINGS FOR LOCATION OF HEATING AND A/C EQUIPMENT.
11. ALL RECEPTACLES AT BASEMENT, VANITY, BATH, KITCHEN COUNTER AREAS, AND WET LOCATION SHALL BE GROUND FAULT INTERRUPTER TYPE.
12. VERIFY EXACT LOCATIONS AND LOADS OF SERVICES TO EQUIPMENT TO BE SUPPLIED BY OTHERS, SUCH AS LAUNDRY EQUIPMENT AND VENDING MACHINES, ETC., AS WELL AS ALL MECHANICAL EQUIPMENT.
13. RECESSED LIGHT FIXTURES IN RATED CEILINGS MUST BE PROTECTED OR LISTED FOR USE IN THE RATED ASSEMBLY.
14. ELECTRICAL OUTLETS BOXES ON OPPOSITE SIDES OF RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24" MINIMUM.
15. MAINTAIN CLEARANCES IN FRONT OF ELECTRICAL EQUIPMENT (TRANSFORMER, PANELS, ETC.) AS REQUIRED BY MANUFACTURER AND NEC CODE 110-26(A). SEE TABLE 26(A)(1). (3'-0" TO 4'-0"). MINIMUM WIDTH 30" OR SIZE OF EQUIPMENT.
16. CONTRACTOR SHALL VERIFY ELECTRICAL CHARACTERISTICS BEFORE RUNNING CONDUIT AND WIRES.
17. KITCHEN LIGHT FIXTURES SHALL BE AS APPROVED BY THE HEALTH DEPARTMENT AND BULBS SHALL BE COMPLETELY ENCLOSED WITH ACRYLIC LENS.
18. CONTRACTOR SHALL PROVIDE WIRES AND CONDUIT FROM TRANSFORMER TO ELECTRICAL ROOM. SEE SITE PLAN FOR EXACT LOCATION OF TRANSFORMER AND ELECTRICAL POWER RISER FOR WIRES AND CONDUITS SIZES.
19. CONTRACTOR SHALL PAY APPLICATION, COORDINATION, AND FEES FOR ELECTRICAL TRANSFORMER.
20. COORDINATE WITH THE ELECTRICAL UTILITY AND VERIFY LOCATION AND ORIENTATION OF SERVICE EQUIPMENT AND ASSOCIATED METERING EQUIPMENT.
21. PROVIDE AND INSTALL ALL MATERIALS DESIGNATED BY THE ELECTRICAL UTILITY TO BE FURNISHED BY CUSTOMER. THIS MAY INCLUDE BUT NOT LIMITED TO, COMPRESSION LUGS FOR TRANSFORMER SECONDARY CONNECTION, CONCRETE PAD FOR SERRIA TRANSFORMER, GROUNDING MATERIAL, METER BASE AND EMPTY CONDUITS FOR PRIMARY LINES.
22. CONTRACTOR SHALL PROVIDE COMPLETE CAT-6 DATA OUTLETS INCLUDING THE RELOCATION OF THE EXISTING DATA EQUIPMENT TO THE NEW IT ROOM.
23. THE BRANCH CIRCUIT FEEDING THE EMERGENCY LIGHT AND EXIT LIGHT (UNIT EQUIPMENT) SHALL BE THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES AS PER NEC CODE 700-12(F).
 - a. EMERGENCY AND EXIT LIGHTS CONNECTED TO CIRCUITS CONTROLLED BY TIME CLOCK, OR PHOTOCELL, SHALL HAVE BYPASS MEANS TO BE CONTINUOUSLY ENERGIZED WHEN CIRCUIT IS ACTIVE.
 - b. CIRCUIT WITH EMERGENCY AND EXIT LIGHTS WITH NO SWITCH, TIME CLOCK, OR PHOTOCELL SHALL BE PROGRAMMED TO OPERATE CONTINUOUSLY.
24. NO PIPING, DUCT, OR EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE INSTALLED ABOVE THE ELECTRICAL PANEL BOARD, MOTOR CONTROL CENTER, OR SWITCHBOARD.
25. PROTECT PANELBOARDS, TRANSFORMERS, ETC. AS PER NEC CODE 110-27(B).
26. PROVIDE ATTIC LIGHT IF MECHANICAL EQUIPMENT ARE INSTALLED IN ATTIC OR ABOVE CEILING.
27. PROVIDE APPLICABLE PENETRATION FIRE-STOP SYSTEM AS PER SBC SECTION 705.4.
28. INSTALL MANUAL PULL STATION AT EVERY FIRST FLOOR EXIT. ADDITIONAL MANUAL PULL STATION SHALL BE PROVIDED SO THAT TRAVEL DISTANCE TO THE NEAREST MANUAL PULL STATION SHALL NOT EXCEED 600 FT MEASURED HORIZONTALLY ON THE SAME FLOOR. MOUNTING HEIGHT SHALL BE NOT LESS THAN 42" AND NOT MORE THAN 54" ABOVE FINISHED FLOOR. SEE NATIONAL FIRE ALARM CODE SECTION 5-8.1.2.
29. PROVIDE FIRE ALARM STROBE LIGHT IN EVERY PUBLIC REST ROOM AND OTHER GENERAL USAGE AREAS (E.G. CLASSROOMS, MEETING ROOMS, HALLWAYS, LOBBIES, AND ANY OTHER AREAS OF COMMON USE AS PER GA. ACCESSIBILITY CODE SECTION 120-3-20-39.
30. INSTALL SMOKE DETECTORS IN ALL COMMON AREAS SUCH AS LOBBIES, STORAGE ROOMS, EQUIPMENT ROOMS, BASEMENTS, ATTICS, SPACE ABOVE THE CEILINGS, CLOSETS, AND OTHER TENANTLESS SPACES. SEE NATIONAL FIRE ALARM CODE SECTION 5-14.2.
31. ALL OUTLETS WITHIN SIX FEET OF ANY SINK SHALL BE GROUND FAULT PROTECTION TYPE.
32. PROVIDE SHUNT-TRIP BREAKER TO COOKING EQUIPMENT UNDER THE KITCHEN HOOD.
33. PROVIDE FIRE SAFE BLANKET WRAP AROUND EACH OUTLET BOX IN FIRE RATED ASSEMBLY TO MAINTAIN ASSEMBLY FIRE RATING.
34. PROVIDE GROUND FAULT PROTECTION TYPE (GF) RECEPTACLES AT THE FOLLOWING LOCATION:
 - a. BATHROOM
 - b. KITCHEN COUNTERTOP INCLUDING COMMERCIAL KITCHEN
 - c. WITHIN SIX FEET OF ANY SINK
 - d. OUTSIDE WITH WEATHERPROOF (READILY ACCESSIBLE).
 - e. UNFINISHED BASEMENT
 - f. WET LOCATION
 - g. AS PER NEC 210-8.

35. BRANCH CIRCUIT CONDUCTORS:

- WIRES RUN OVER 100 FEET LONG SHALL BE SIZED NEXT SIZE OF WIRE SCHEDULE. THIS APPLIES TO THE ENTIRE CIRCUIT OR CIRCUITS.
36. ELECTRIC ROOM WITH 800AMP AND GREATER SHALL HAVE PANIC DOOR HARDWARE.
 37. ALL DISCONNECTING SWITCHES SHALL BE IDENTIFIED AS PER NEC CODE SECTION 110.22.
 38. ELECTRIC ROOM SHALL HAVE MINIMUM 30 FC AND EMERGENCY LIGHT SHALL 1 FOOTCANDLE LIGHT LEVEL.
 39. NO BATHROOM OR WATER DRAINAGE ABOVE THE ELECTRICAL ROOM. PROTECT ALL ELECTRICAL PANELS FROM THE WATER.

40. FIRE ALARM NOTES:

- a. ALL FIRE ALARM DEVICES SHALL MATCH BUILDING STANDARD.
- b. ALL FIRE ALARM DEVICES SHALL BE PROPERLY WIRED TO EXISTING FIRE ALARM SYSTEM UNDER THE SUPERVISION OF SYSTEM REPRESENTATIVE.
- c. UPON COMPLETION OF WORK, FIRE ALARM SYSTEM SHALL FUNCTION PROPERLY AND MEET ALL U.L. LISTINGS. CONTRACTOR IS RESPONSIBLE FOR ALL ACCESSORIES REQUIRED TO ACCOMMODATE A COMPLETE INSTALLATION.

41. CONTRACTOR SHALL VERIFY THE TYPE OF THE LIGHT FIXTURES AGAINST THE CEILING BEFORE BIDDING THE PROJECT.
42. ALL EXTERIOR LIGHT FIXTURES SHALL BE CORROSION RESISTANCE (SPECIAL COATING FOR COAST AREA) AND WET LABEL TYPE.
43. CONTRACTOR SHALL RELOCATE EXISTING UNDERGROUND ELECTRICAL SERVICE CABLE, TELEPHONE CABLES, AND OTHER CONDUITS WHICH ARE GOING TO BE UNDER THE NEW SLAB.
44. CONTRACTOR SHALL VERIFY THE TYPE CEILING WITH ARCHITECT PLAN AND SHALL PROVIDE THE TYPE OF LIGHT FIXTURES ACCORDING TO THE ARCHITECT CEILING PLAN.

45. OCCUPANCY SENSOR NOTES:

- A. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
- B. CEILING MOUNTED SENSORS LOCATED OVER DOORWAYS SHOULD PLACED ONE FOOT INSIDE THRESHOLD.
- C. ULTRASNDICE CEILING MOUNTED SENSORS SHOULD BE LOCATED A MINIMUM OF SIX FEET FROM HVAC SUPPLY /RETURN VENTS.
- D. THOUGH MOUNTED, PENDANT MOUNTED, AND PENDANT MOUNTED INDIRECT LIGHTING SOURCES AFFECT THE OPERATION OF LOCALLY MOUNTED SENSORS. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING SENSOR LOCATIONS TO ALLOW FOR PROPER OPERATION.
- E. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTING FOR NON-ADAPTIVE PRODUCTS, FOLLOWING THE MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
- F. CONTRACTOR IS RESPONSIBLE FOR ORDERING THE APPROPRIATE SENSOR.
- G. PHOTOCELLS MUST BE PLACED WITHIN DAYLIGHTING ZONE AS DEFINED BY LOCAL CODE.

ELECTRICAL SPECIFICATIONS

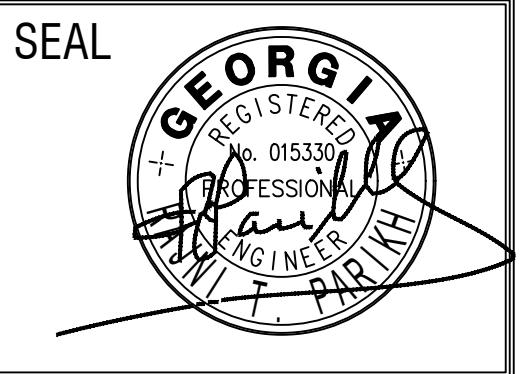
- I. GENERAL
 - A. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND NECESSARY ITEMS AND OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM.
 - B. IT IS THE INTENT OF THESE PLANS TO PROVIDE A COMPLETE ELECTRICAL SYSTEM, REGARDLESS OF WHETHER EACH INDIVIDUAL COMPONENT IS MENTIONED OR NOT.
 - C. THE WORK SHALL COMPLY WITH THE STANDARDS OF THE FOLLOWING CODES AND ORDINANCES:
 1. NFPA NO. 70, "NATIONAL ELECTRIC CODE," LATEST ED.
 2. NECA "STANDARD OF INSTALLATION"
 3. THE ELECTRICAL UTILITY COMPANY SERVICE STANDARDS
 4. UNDERWRITERS LABORATORY STANDARDS
 5. OTHER LOCAL CODES, ORDINANCES AND LAWS APPLICABLE TO THE LOCATION OF THIS PROJECT.
 - D. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH TELEPHONE SYSTEM, CABLE TV, AND SECURITY SYSTEM INSTALLATIONS.
- II. MATERIALS AND WORKMANSHIP:
 - A. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY PLACEMENT OF ALL CONDUITS, OUTLET BOXES, CABINETS, AND OTHER WIRING DEVICES IN FLOORS, WALLS, CEILINGS, ECT. AS THE CONSTRUCTION PROGRESSES.
 - B. OUTLET BOXES SHALL BE LOCATED AS FOLLOWS:
 1. WALL SWITCHES - 4'-0" ABOVE FINISH FLOOR.
 2. CONVENIENCE OUTLETS - 16" A.F.F.
 3. EQUIPMENT OUTLETS AS REQUIRED (VERIFY)
 - C. WIRING SYSTEM SHALL BE AS FOLLOWS:
 1. RIGID CONDUIT-GALVANIZED STEEL OR RIGID ALUMINUM AS PERMITTED BY N. E. C.
 2. EMT- ELECTRIC METALLIC TUBING CONDUIT MAY BE USED ONLY WHERE IT IS NOT SUBJECT TO MECHANICAL DAMAGE AND WHERE PERMITTED BY THE N. E. C. AND LOCAL CODES. EMT CONDUIT SHALL NOT BE USED OUTSIDE THE BUILDING.
 3. FLEXIBLE METAL TUBING - TO BE USED AT CONNECTIONS WHERE REQUIRED. CONNECTIONS SHALL BE MADE WITH GROUND. ALL SUCH CONNECTIONS SHALL BE LIQUID TIGHT.
 4. UNDERGROUND CIRCUIT SHALL BE SCHEDULE 40 PVC.
 - D. CONDUCTORS SHALL BE COPPER, TYPE THWN/THHN.
 - E. CONVENIENCE RECEPTACLES SHALL BE 15 (20)AMP, 125 VOLT NEMA 5-15(20R).
 - F. WALL SWITCHES SHALL BE 20 AMP 120/277 V. AC, SINGLE POLE OR AS INDICATED ON THE DRAWING.
 - G. PANELBOARDS SHALL BE BY SQUARE D, SIEMENS, OR GENERAL ELECTRIC.
 - H. GROUNDING OF ELECTRICAL SYSTEMS SHALL BE IN ACCORDANCE WITH THE NEC AND LOCAL REQUIREMENTS.
 - I. ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ITEMS SHOWN AS PART OF THE GENERAL CONTRACT WHICH REQUIRE ELECTRICITY INCLUDING ALL SIGNAGE, BUILDING LIGHTING, AND CONTROL WIRING.
 - J. FUSES SHALL BE DUEL-ELEMENT CURRENT LIMITING FUSES IN ALL DISCONNECT SWITCHES OR OTHER FUSIBLE DEVICES. FURNISH A SPARE FUSE OF EACH TYPE USED ON THE JOB.
 - K. ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT MOTOR STARTERS, RELAYS, SWITCHES, AND RELATED ITEMS WHICH ARE SUPPLIED BY OTHERS.
 - L. ALL MATERIAL SHALL BE NEW AND UL APPROVED AND LABELED.
 - M. ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETE WIRING SYSTEM SHALL BE FREE OF SHORT CIRCUITS.
 - N. CONTRACTOR SHALL MAKE COMPLETE CONNECTIONS TO ALL EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT LOCATIONS AND REQUIREMENTS.
 - D. RELOCATE THE EXISTING DATA OUTLETS ROUTERS AND RELATED CAT-6 WIRES FROM THE BASEMENT TO THE NEW IT ROOM.
 - P. CONTRACTOR MUST SUBMIT EQUIPMENT DATA FOR APPROVAL TO ENGINEER.

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS					

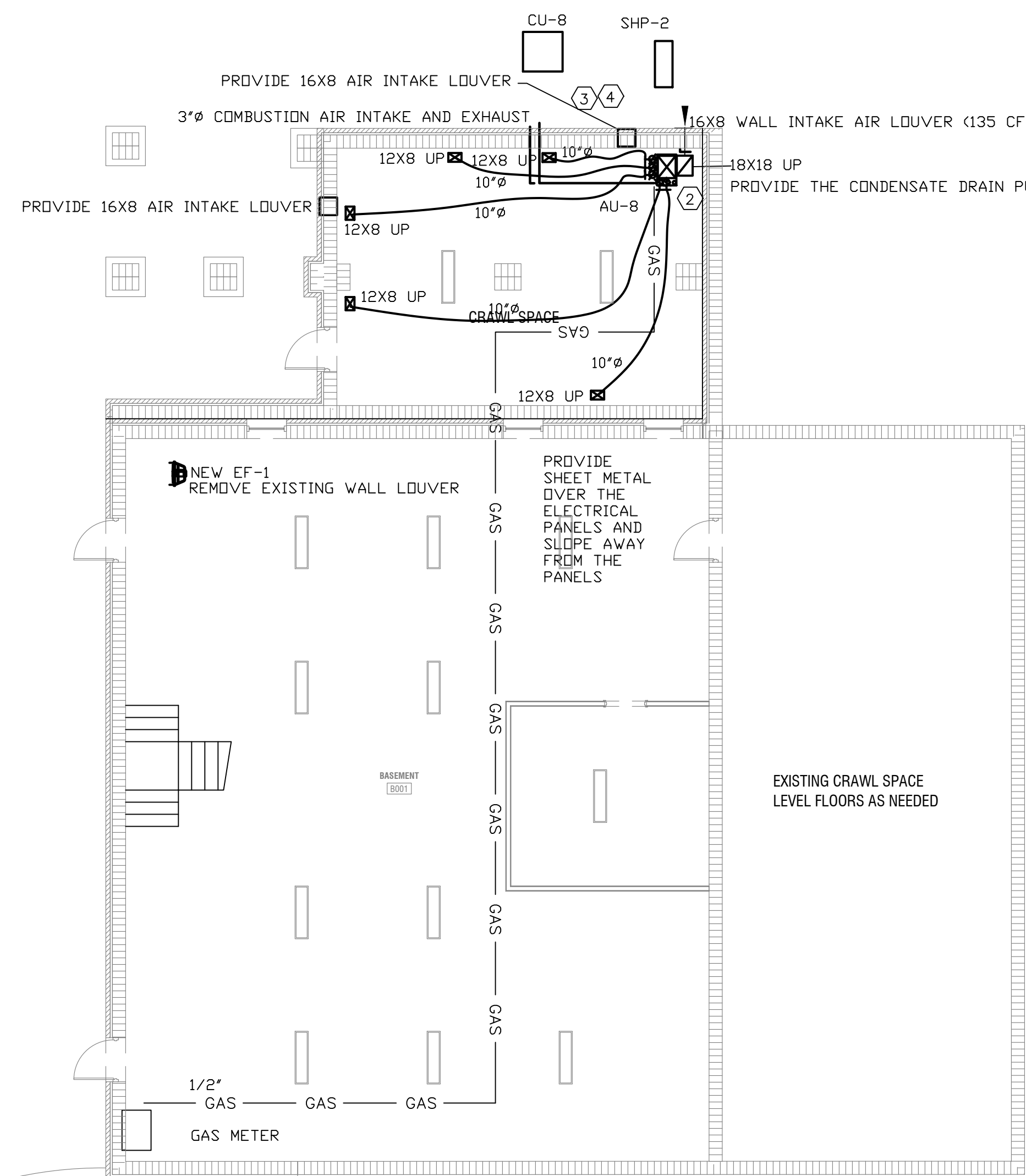


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SHEET TITLE: ELECTRICAL SPECIFICATIONS	NUMBER: E-4
PRINTED: Jul 16, 2023	



BASEMENT FLOOR PLAN-HVAC
1/8"=1'-0"

SPLIT SYSTEM GAS FURNACE A/C UNIT SCHEDULE																	
MARK	NET (MBH) COOLING CAPACITY		HEATING CAPACITY		FAN DATA			MAX. COIL WET PRESS. DROP	MFG.	MODEL	O.A.	O.A. DUCT CONN.	SEER2	MCA	VOLTAGE	BRKR	REMARKS
	TOTAL	SENSIBLE	INPUT	AFUE	CFM	SP	HP										
AU-8 CU-8	35.4	25.9	60,000	96.0%	1200	0.9	1/2	0.167"	TRANE	4TXCB004D33HC-S9X1B060U4PSB 4TTR6036N1000A	280	10"	17.0	10.3 24	115/1/60 208/1/60	15/1 35/2	1,2,3,4,5,6

1. WASHABLE FILTER AND 1 YEAR PARTS AND LABOR WARRANTY.
2. MULTIPURPOSE DISCHARGE FURNACE, SIDE WALL VENT KIT, CPVC DRAIN ADAPTER, RETURN AIR BASE FOR BOTTOM RETURN AIR CONNECTION,, COIL ADAPTER KITS, BOTTOM RETURN AIR KIT AND 95°F DB O.A.TEMP.
3. CAPACITY BASED ON 80°F DB, 67°F WB, ENTERING AIR TEMPERATURE AND 95°F DB O.A.TEMP.
4. EXTERNAL STATIC PRESSURE DROP INCLUDES COOLING COIL PRESSURE DROP.
5. FILTER/DRYER, THERMOSTAT, CYCLE PROTECTOR, TIME DELAY, AND THERMOSTATIC EXPANSION VALVE.
6. REFRIGERANT= R410A/PURON. REFRIGERANT LINE SIZES SHALL BE APPROVED BY MANUFACTURER.

SPLIT SYSTEM HEAT PUMP A/C UNIT SCHEDULE																	
MARK	COOLING NET CAPACITY		HEATING CAPACITY		FAN DATA			MANUFACTURER	MODEL	O.A.	HSPF	COP @17°F	SEER2	REMARKS	VOLTS	MCA	BRKR
	TOTAL	SENSIBLE	@ 17° DB	AUX. HEAT	CFM	SP	HP										
HP-1 AHU-1	57,836	44,360	35,600	10.8	1900	0.5	3/4	TRANE	4TWR5060N1 TEM6B0C60H51		7.8	2.70	15	1,2,3,4,5,6,7,8,9,10,11	208/1/60	32.0 9.0+HTR	50/2 60/2

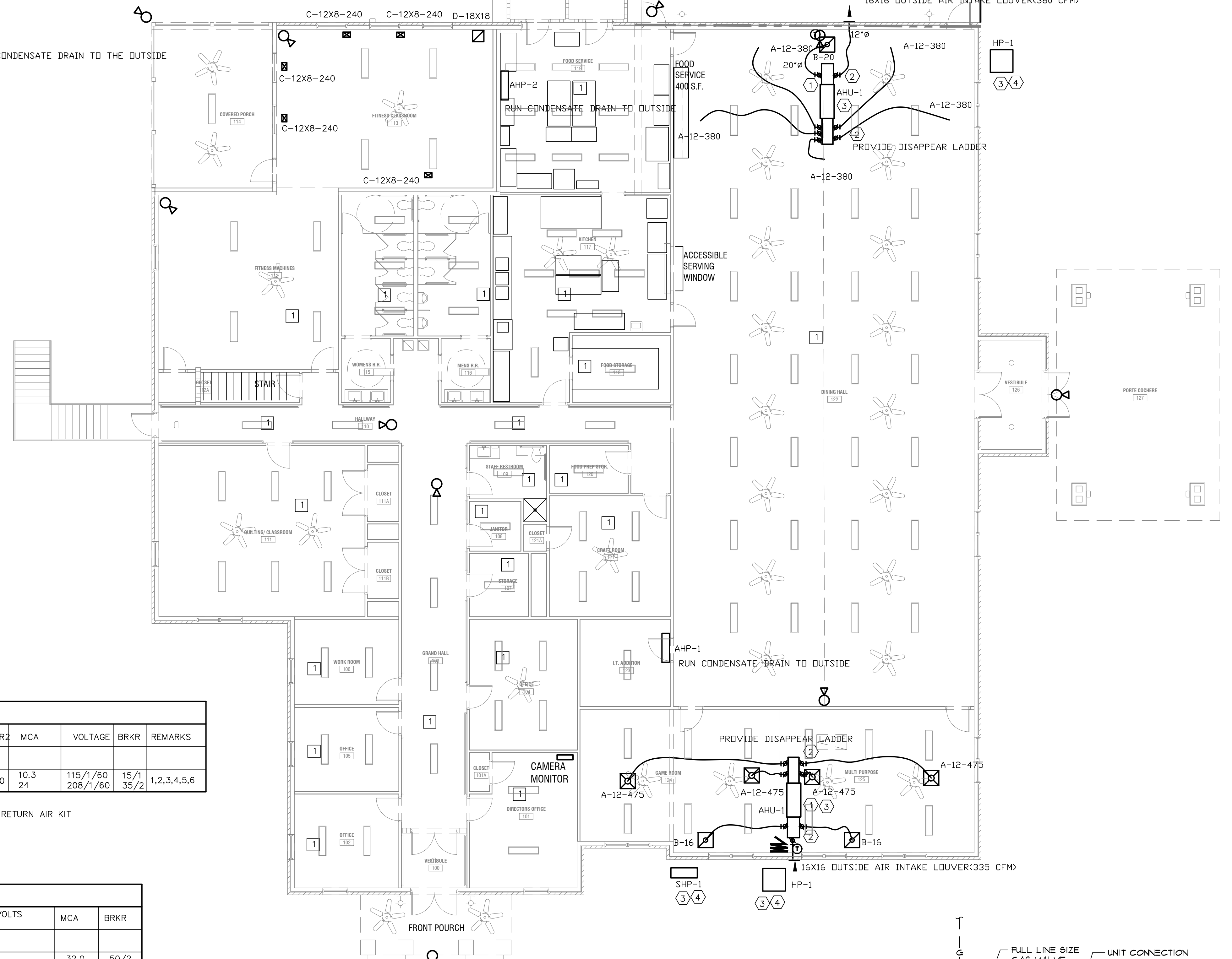
1. FILTER
2. HORIZONTAL/VERTICAL AIRHANDLER
3. CAPACITY BASED ON 80°F DB, 67°F WB, ENTERING AIR TEMPERATURE AND 95°F DB O.A.TEMP.
4. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL CHARACTERISTICS.
5. EXTERNAL STATIC PRESSURE DROP DOES NOT INCLUDE COOLING COIL PRESSURE DROP.
6. EXPANSION VALVE, FILTER DRIER, SIGHT GLASS, SERVICE VALVES, LOW PRESSURE LOCK-OUT, HIGH PRESSURE SWITCH.
7. REFRIGERANT= PURON
8. INDOOR AIR TEMPERATURE SENSOR, LOW AMBIENT KIT. OUTDOOR THERMOSTAT, CRANKCASE HEATER, EVAPORATOR FREEZE THERMOSTAT, ISOLATION RELAY
9. HEAD PRESSURE CONTROLLER.
10. IF REFRIGERANT LINE IS MORE THAN 80'-0" THAN PROVIDE LIQUID LINE SOLENOID VALVE AND SUBMIT MANUFACTURER'S APPROVED REFRIGERANT PIPES ISOMETRICS.
11. MAX. SOUND LEVEL=75 DBA.

FAN SCHEDULE										
MARK	CFM	EXP.SP	RPM	T.S.	SONES	H.P.	MANUFACTURER	MODEL #	VOLTS	REMARKS
EF-1	2710	0.375	1750	1173	15.3	3/4	GREENHECK	SE1-16-428-A	115/1/60	1,2

1. WALL EXHAUST FAN WITH BACKDRAFT DAMPER AND SPEED CONTROLLER
2. WALL SLEEVE

AIR DISTRIBUTION SCHEDULE						
MARK	DESCRIPTION	KRUEGER MODEL	TITUS	PANEL SIZE	REMARKS	
A	NAILOR "4320" PERFORATED SUPPLY AIR CEILING DIFFUSER.	6604	PAS	24X24	1,2,3	
B	NAILOR "51EC" EGGRATE 1/2"X1/2"X1/2" GRID RETURN AIR GRILLE.	EGG5	50P	24X24	1	
C	NAILOR "610V-0" SUPPLY AIR DOUBLE DEFLECTION REGISTER. SEE FLOOR PLAN FOR SIZE.	880-V-0BD	272RL	SEE FLOOR PLAN	1,2,3	
D	NAILOR "6145H" RETURN AIR GRILLE. SEE FLOOR PLAN FOR SIZE.	S80H	25R	SEE FLOOR PLAN	1	

1. STEEL, FINISH AND BORDER SHALL MATCH CEILING. SEE ARCHITECT DRAWING FOR THE TYPE OF CEILING.
2. MANUAL VOLUME DAMPER.
3. FACTORY INSULATED DIFFUSER AT UNCONDITIONED AREA OR NO RETURN AIR PLENUM.



FIRST FLOOR PLAN-HVAC
1/8"=1'-0"

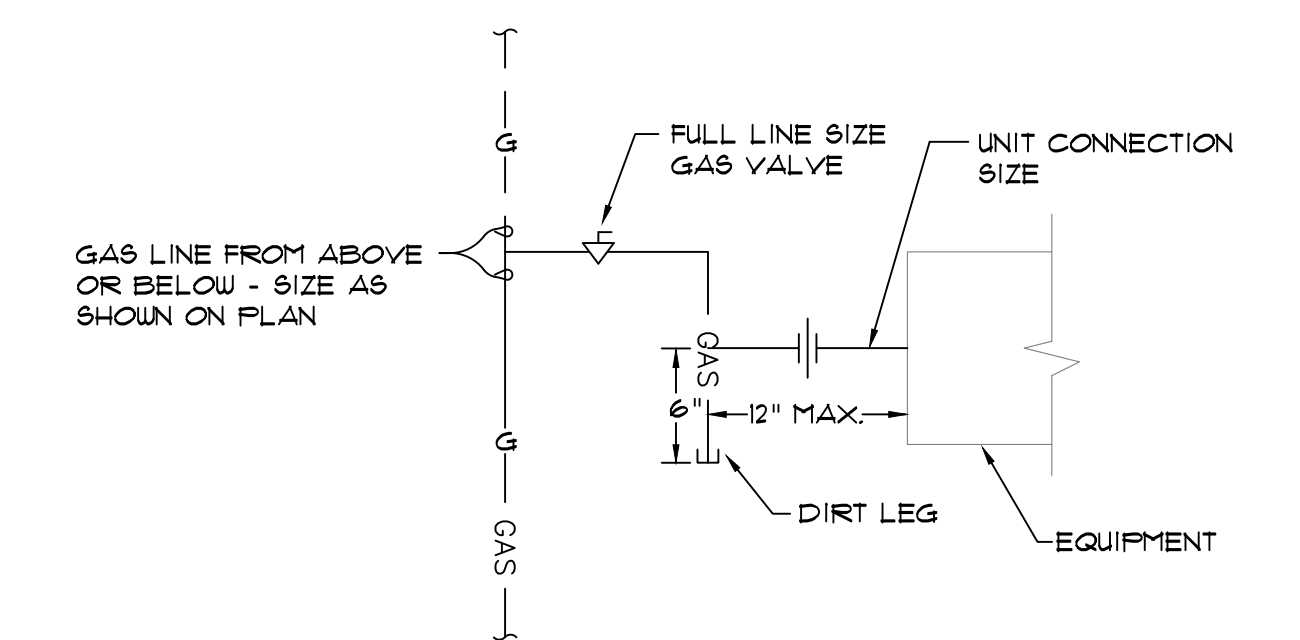
1. REPLACE ALL THE EXISTING SUPPLY AIR DIFFUSERS WITH TITUS "PAS" DR NAILOR "4320" (TYPE-A) CONTRACTOR SHALL VISIT THE JOB SITE FOR THE QUANTITY OF THE DIFFUSERS.

LEGEND

- AP ACCESS PANEL
- S WALL SWITCH
- D CONDENSATE DRAIN
- EA EXHAUST AIR
- FD FIRE DAMPER WITH ACCESS PANEL
- SA SUPPLY AIR
- RA RETURN AIR
- T THERMOSTAT (PROGRAMMABLE)
- SD SMOKE DETECTOR IN SUPPLY AIR DUCT AS PER GA. AMENDMENTS 506.2.1
- A-B-100-CFM NECK SIZE AIR DISTRIBUTION DEVICE SEE SCHEDULE.
- SPIN IN FITTING WITH MANUAL VOLUME DAMPER
- MANUAL VOLUME DAMPER
- CONTINUOUS LINE INDICATES NEW DUCTWORK
- DASHED LINE INDICATES EXISTING DUCTWORK
- X MARK INDICATES EXISTING DUCTWORK TO BE REMOVED.
- DIAGONAL LINE IN ELBOW INDICATES TURNING VANES
- GAS — PROPANE/NATURAL GAS PIPE

KEY NOTES:

1. PROVIDE AUXILIARY DRAIN PAN UNDER THE COOLING COIL. SEE HVAC GENERAL NOTES
2. RETURN and supply AIR DUCT PLENUM: FULL SIZE OF UNIT CONNECTION.
3. MAINTAIN CLEARANCES AROUND AND BETWEEN UNITS AS RECOMMENDED BY MANUFACTURER.
4. MOUNT CONDENSING UNIT ON 4" HIGH CONCRETE PAD.



TYPICAL GAS CONNECTION DETAIL

SHP-1 AND AHP-1

MITSUBISHI PUZ-A12KA7 AND PKA-A12A-TH, 10,155 BTU/HR COOLING AND 8445 BTU/HR HEATING 27 SEER, 4.94 COP, 11 MCA OUTDOOR UNIT, 0.36A INDOOR UNIT, 208/1/60 VOLTS

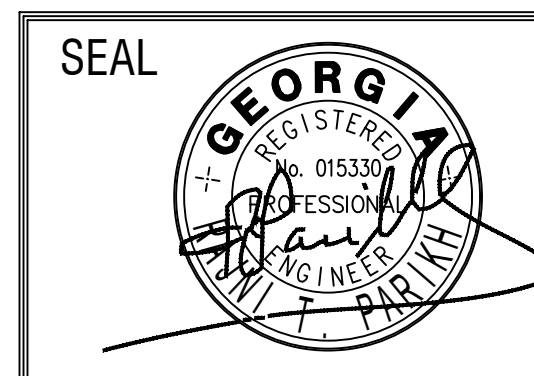
SHP-2 AND AHP-2

MITSUBISHI PUZ-A24KA7 AND PKA-A24KA7-TH, 20,723 BTU/HR COOLING AND 15,684 BTU/HR HEATING 24.3 SEER, 4.35 COP, 19 MCA OUTDOOR UNIT, 0.60 AMP INDOOR UNIT, 208/1/60 VOLTS

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

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151 GENERAL JACKSON DR. JEFFERSON GA 30549

SHEET TITLE:
BASEMENT AND FIRST FLOOR PLAN HVAC-, LEGEND, & SCHEDULES
PRINTED: Jul 16, 2023

NUMBER:
M-1

HVAC GENERAL NOTES

1. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT ANY CONFLICTS OF WORK PRIOR TO PURCHASE OF EQUIPMENT OR COMMENCEMENT OF WORK. CONTRACTOR SHALL NOT FABRICATE ANY DUCTWORK WITHOUT COORDINATING WITH OTHER DISCIPLINES AND VERIFYING CLEARANCE FOR THE DUCTWORK.
2. NO EQUIPMENT SHALL BE VISIBLE FROM THE FRONT.
3. CHECK FLOOR JOIST FOR DUCT SPACING.
4. CONTRACTOR SHALL VISIT THE JOB SITE AND HAVE A GOOD WORKING KNOWLEDGE AND ACQUAINTANCE OF THE EXISTING JOB SITE AS WELL AS THE CONDITIONS OF THE JOB SITE AND INCLUDE A STATEMENT ON HIS BID THAT HE HAS DONE SO.
5. DEVIATIONS FROM MATERIAL, METHODS, AND PROCEDURES SET FORTH HEREIN MUST BE APPROVED IN WRITING WITH EQUIPMENT AND INSTALLATION SUBMITTALS.
6. CONTRACTOR SHALL REVIEW STRUCTURAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS BEFORE FABRICATING OR INSTALLING DUCTWORK OR EQUIPMENT TO AVOID ANY CONFLICTS.
7. FIRE DAMPERS SHALL BE RUSKIN MODEL D-18D2 TYPE "B" WITH 1 @ HR RATING. (VERIFY RATING BEFORE SPECIFYING).
8. REQUEST FOR PAYMENT FOR ADDITIONAL COST DUE TO SITE CONDITIONS WILL NOT BE ALLOWED.
9. ALL DUCT DIMENSIONS ARE INSIDE CLEAR.
10. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BY EVERY APPLICABLE JURISDICTION FOR THE PERFORMANCE OF THE WORK.
11. ALL WORK SHALL MEET THE LOCAL AND STATE, HEATING AND AIR-CONDITIONING, AND ENERGY CODES.
12. SHEET METAL DUCTWORK SHALL BE GALVANIZED STEEL SHEETS OF THICKNESS AS RECOMMENDED, CONSTRUCTED AND DETAILED IN THE LATEST SMACNA CONSTRUCTION STANDARDS. NO FIBERGLASS DUCTWORK SHALL BE USED.
13. ON DUCTWORK SIZES; FIRST DIMENSION GIVEN IS SIDE SHOWN.
14. DUCT TURNS MAY BE ROUND OR SQUARE. ROUND ELBOWS SHALL HAVE INSIDE RADIUS NOT LESS THAN DUCT WIDTH. SQUARE ELBOWS SHALL HAVE (SINGLE THICKNESS) DOUBLE WALL TURNING VANES.
15. SUPPLY, RETURN, AND OUTSIDE AIR INTAKE DUCTWORK SHALL BE INSULATED WITH 3 INCH THICK BLANKET, TYPE 75 WITH REINFORCED FOIL FACE VAPOR BARRIER, U.L. LISTED. (SEE STANDARD MECHANICAL AND ENERGY CODE). ANY AIR SUPPLYING EQUIPMENT (GRILLES, DIFFUSER, REGISTERS, AHU, AND OTHERS) LOCATED IN A NON-AIR-CONDITIONING AREA AND WHICH ARE SUBJECT TO FERM CONDENSATION ON THE SURFACE SHALL BE INSULATED. ALL SUPPLY AND RETURN DUCTS AND FLENUM SHALL BE INSULATED WITH A MINIMUM OF R-5 INSULATION WHEN LOCATED IN UNCONDITIONED SPACES AND WITH A MINIMUM OF R-8 INSULATION WHEN LOCATED OUTSIDE THE BUILDING (E.G. ATTIC).
16. CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE OF EACH EQUIPMENT WITH ELECTRICAL CONTRACTOR BEFORE ORDERING.
17. SYSTEM SHALL BE AIR BALANCED.
18. FLEX DUCT SHALL NOT EXCEED 8'-0" IN LENGTH. FINAL 4'-0" (INCLUDING THE ELBOW AT THE DIFFUSER), TO DIFFUSER SHALL BE GALVANIZED DUCT. FLEX DUCT SHALL BE USED ONLY ON LAY-IN CEILING.
19. ALL ROUND DUCT SHALL BE PROPERLY WRAPPED, TAPED AND SUPPORTED SO AS TO REDUCE NOISE AND VIBRATION.
20. PROVIDE OPERATIONS AND MAINTENANCE MANUALS FOR ALL EQUIPMENT.
21. ALL LOW VOLTAGE (24 VOLTS AND BELOW) CONTROL AND INTERLOCK WIRING IS INCLUDED IN THIS DIVISION.
22. RUN MIN. 3/4" DR FULL SIZE OF UNIT CONNECTION CONDENSATE DRAIN FROM UNIT TO THE APPROVED PLACE OF DISPOSAL AS PER MECHANICAL CODE SECTION 307.2. PROVIDE CONDENSATE DRAIN PUMP IF NECESSARY.
23. AIR-CONDITIONING UNITS SHALL HAVE FACTORY INSTALLED VIBRATION (INTERNAL) ISOLATORS.
24. DIFFUSERS ARE TO BE CONNECTED TO DUCTWORK WITH SPIN-IN FITTING EXTRACTOR AND MANUAL VOLUME DAMPER. EXACT LOCATION OF ALL DIFFUSERS TO BE COORDINATED WITH LIGHTING LAYOUT AND REFLECTED CEILING PLAN.
25. AIRFOIL SHAPED SPLITTER DAMPER IS REQUIRED AT EACH DUCT SPLIT WHERE ANY DUCT DIMENSION EXCEEDS 8". PROVIDE LOCKING QUADRANT.
26. ADJUSTABLE, MULTI-BLADE EXTRACTOR SHALL BE REQUIRED AT EACH BRANCH DUCT TAKEOFF WHERE NO OTHER PROVISION HAS BEEN MADE TO DIVERT THE AIR.
27. CONTRACTOR SHALL COORDINATE WITH OTHER DISCIPLINES AND CHECK CLEARANCES TO PREVENT ANY CONFLICTS.
28. PROVIDE REGISTERS AND GRILLES THAT MATCH MOUNTING SURFACE FINISHES AS APPROVED BY THE ARCHITECT.
29. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL ASTM A53 OR ASTM 106 WITH MALLEABLE IRON SCREWED FITTINGS. ALL PORTIONS OF GAS PIPING UNDERGROUND OR IN FLOOR SLAB SHALL HAVE ASPHALTIC COATING EQUAL TO SOUTHERN WF-1. GAS PIPING RUN IN CONCRETE FLOOR SLAB SHALL HAVE AT LEAST 2" OF CONCRETE ON ALL SIDES. WALLS OR ENCLOSED SPACES WHERE GAS IS RUN SHALL BE VENTED WITH APPROVED GRILLES, OR CONDUIT TO OUTSIDE.
30. FLEXIBLE CONNECTORS SHALL BEAR THE LABEL OF AN APPROVED AGENCY. THE CONNECTORS SHALL BE A MAXIMUM OF SIX FEET IN LENGTH. SEE FUEL GAS CODE 411.
31. GAS PIPING SHALL BE IDENTIFIED AS AN NATURAL GAS PIPING. IDENTIFICATION SHALL BE IN THE FORM OF A TAG, STENCIL OR OTHER PERMANENT MARKING, SPACED AT INTERVALS OF NOT MORE THAN 25 FEET AND NOT LESS THAN ONCE IN ANY ROOM OR SPACE.
32. PIPE JOINTS SHALL BE THREADED, FLANGED OR WELDED. JOINT COMPOUND SHALL BE RESISTANT TO THE ACTION OF LIQUIDIFIED PETROLEUM GAS OR TO ANY OTHER CHEMICAL CONSTITUENTS OF THE GAS TO BE CONDUCTED THROUGH THE PIPING.
33. JOINTS BETWEEN DIFFERENT METALLIC PIPING MATERIALS SHALL BE MADE WITH APPROVED DIELECTRIC FITTINGS TO ISOLATE ELECTRICALLY ABOVE GROUND PIPING FROM UNDERGROUND PIPING OR TO ISOLATE ELECTRICALLY DIFFERENT METALLIC PIPING MATERIALS JOINED UNDERGROUND.
34. STEEL GAS PIPING SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 6'-0" UP TO 8", 8'-0" UP TO 1", AND 10'-0" LARGER THAN 1". SEE FUEL GAS CODE TABLE 415.1.
35. CONCEALED GAS PIPING SHALL NOT BE LOCATED IN SOLID PARTITIONS AND SOLID WALLS, UNLESS INSTALLED IN A CHASE OR CASING.
36. PORTION OF GAS PIPING SYSTEM INSTALLED IN A CONCEALED LOCATIONS SHALL NOT HAVE UNIONS, TUBING FITTINGS, RIGHT AND LEFT COUPLINGS, BUSHINGS, COMPRESSION COUPLINGS AND SWING JOINTS MADE BY COMBINATIONS OF FITTINGS.
37. UNDERGROUND PIPING WHERE INSTALLED BELOW GRADE THROUGH OUTER FOUNDATION OR BASEMENT WALL OF BUILDING, SHALL BE ENCASED IN A PROTECTIVE PIPE SLEEVE. THE ANNULAR SPACE BETWEEN THE GAS PIPING AND THE SLEEVE SHALL BE SEALED.
38. ALL GAS PIPING INSTALLED OUTDOOR SHALL BE ELEVATED NOT LESS THAN 3 @ ABOVE THE GROUND AS PER FUEL GAS CODE SECTION 404.7.
39. ALL GAS PIPING SHALL BE PROTECTED FROM CORROSION AS PER FUEL GAS CODE SECTION 404.8.
40. UNDERGROUND GAS PIPING SHALL BE INSTALLED MINIMUM DEPTH OF 12 INCHES BELOW GRADE. SEE FUEL GAS CODE 404.9.
41. GAS PIPING SHALL NOT BE INSTALLED BENEATH BUILDING EXCEPT WHERE PIPING IS ENCASED IN A CONDUIT OF WROUGHT IRON, PLASTIC PIPE OR STEEL PIPE DESIGNED TO WITHSTAND THE SUPERIMPOSED LOADS AS PER FUEL GAS CODE SECTION 404.11.
42. ALL GAS PIPING SHALL BE INSPECTED, TESTED AND PURGED AS PER FUEL GAS CODE SECTION 406.
43. GAS PIPING (OTHER THAN DRY) SHALL BE SLOPED NOT LESS THAN 1/4" PER 15 FEET TO PREVENT TRAP.
44. SEDIMENT TRAP IS NOT INCORPORATED AS PART OF THE GAS UTILIZATION EQUIPMENT, A SEDIMENT TRAP SHALL BE INSTALLED DOWNSTREAM OF THE EQUIPMENT SHUT-OFF VALVE AS CLOSE TO THE INLET OF THE EQUIPMENT AS PRACTICAL. SEE FUEL GAS CODE SECTION 408.4.
45. GAS APPLIANCE AND EQUIPMENT HAVING AN IGNITION SOURCE SHALL BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS THAN 18 INCHES ABOVE THE FLOOR IN HAZARDOUS LOCATIONS, PUBLIC GARAGES, PRIVATE GARAGES, REPAIR GARAGES, MOTOR FUEL-DISPENSING FACILITIES AND PARKING GARAGES AS PER FUEL GAS CODE SECTION 305.3.
46. CLEARANCE TO COMBUSTIBLE MATERIAL IS IN ACCORDANCE OF FUEL GAS CODE 308.
47. PROVIDE 30" X 30" MINIMUM SERVICE SPACE AT THE FRONT OR SERVICE SIDE OF THE EQUIPMENT. SEE FUEL GAS CODE 306.3.
48. TEST MEDIUM SHALL BE AIR, NITROGEN, CARBON DIOXIDE, OR INERT GAS. OXYGEN SHALL NOT BE USED. SEE FUEL GAS CODE 406.2.
49. GAS PIPING SHALL NOT BE USED AS GROUNDING ELECTRODE. SEE FUEL GAS CODE 309.1.
50. SEE GAS FUEL CODE FOR GAS PIPING BONDING.
51. FOR OTHER THAN STEEL PIPE, EXPOSED PIPING SHALL IDENTIFIED BY A YELLOW LABEL MARKED "GAS" IN BLACK LETTER. THE MARKING SHALL BE SPACE AT INTERVALS NOT EXCEEDING 5 FEET. SEE FUEL GAS CODE 401.5.
52. CAST IRON PIPE SHALL NOT BE USED. SEE GAS FUEL GAS CODE 403.4.1.
53. COPPER AND BRASS PIPE OR TUBING SHALL NOT BE USED IF THE GAS CONTAINS MORE THAN AN AVERAGE OF 0.3 GRAIN OF HYDROGEN SULFIDE PER 100 STANDARD CUBIC FEET OF GAS.
54. PLASTIC PIPE, TUBING AND FITTING SHALL BE USED OUTDOORS ONLY. SEE FUEL GAS CODE 403.6 AND 404.14.
55. IN CONCEALED LOCATIONS, WHERE PIPING OTHER THAN BLACK OR GALVANIZED STEEL IS INSTALLED THROUGH HOLES OR NOTCHES IN WOOD STUDS, JOISTS, RAFTERS, OR SIMILAR MEMBERS LESS THAN 1.5 INCHES FROM THE NEAREST EDGE OF THE MEMBER, PIPE SHALL BE PROTECTED BY SHIELD PLATES. SHIELD PLATES SHALL BE 1/16" THICK STEEL, SHALL COVER THE AREA OF THE PIPE WHERE THE MEMBER IS NOTCHED OR BORED AND SHALL EXTEND A MINIMUM OF 4 INCHES ABOVE THE SHIELD PLATES, BELOW TOP PLATES AND TO EACH SIDE OF A STUD, JOIST OR RAFTER. SEE FUEL GAS CODE 404.5.
56. LEAK TESTING SHALL BE AS PER FUEL GAS CODE 406.
57. COORDINATE GRILLE AND DIFFUSER LOCATIONS WITH REFLECTED CEILING PLAN.
58. FLEXIBLE DUCT SHALL BE THERMAFLEX M-KC. (SEE LOCAL AND STANDARD MECHANICAL CODE).
59. MOUNT ALL THERMOSTATS AT 4'-6" AFF.(TOP)
60. PROVIDE LOCKING COVER FOR EACH THERMOSTATS.
61. PROVIDE SEVEN-DAY (5-1-1) DAY PROGRAMMABLE THERMOSTATS SINGLE/TWO STAGE HEAT-OFF-COOL-AUTO DR AS APPROVED BY ARCHITECT. CONTRACTOR SHALL MAKE SURE THAT THESE THERMOSTAT ARE COMPATIBLE WITH THE FURNACES OR HEAT PUMP PROVIDED.
62. BRANCH DUCT FROM MAIN TO THE DIFFUSER SHALL BE SAME SIZE OF DIFFUSER NECK CONNECTION UNLESS OTHERWISE NOTED.
63. ALL CONDENSING UNITS SHALL BE MOUNTED ON 4" HIGH CONCRETE PAD AND PROVIDE CLEARANCE AROUND AND THE UNITS AS RECOMMENDED BY THE MANUFACTURER.
64. CONTRACTOR SHALL PREPARE COMPLETE ISOMETRIC DRAWINGS OF REFRIGERANT PIPING AND SHALL BE APPROVED BY THE MANUFACTURER. CONTRACTOR SHALL SUBMIT MANUFACTURER APPROVED DRAWINGS TO THE ARCHITECT WITH MANUFACTURER LETTER STATING THAT REFRIGERANT PIPING IS IN ACCORDANCE WITH FACTORY RECOMMENDATIONS AND WILL NOT HARM EQUIPMENT.
65. PROVIDE AUXILIARY DRAIN PAN UNDER THE UNIT AS REQUIRED BY LOCAL AND STANDARD MECHANICAL CODE SECTION 307.
 - a. AN AUXILIARY DRAIN PAN WITHOUT A SEPARATE DRAIN LINE SHALL BE PROVIDED UNDER THE COILS ON WHICH CONDENSATE WILL OCCUR. SUCH PAN SHALL BE EQUIPPED WITH A WATER LEVEL DETECTION DEVICE THAT WILL SHUT-OFF THE EQUIPMENT SERVED PRIOR TO OVERFLOW OF THE PAN.
 - b. AN AUXILIARY DRAIN PAN WITH A SEPARATE DRAIN SHALL BE PROVIDED UNDER THE COILS ON WHICH CONDENSATION WILL OCCUR. THE AUXILIARY PAN DRAIN SHALL DISCHARGE TO A CONSPICUOUS POINT OF DISPOSAL TO ALERT OCCUPANTS IN THE EVENT OF A STOPPAGE OF THE PRIMARY DRAIN. THE PAN SHALL HAVE A MINIMUM DEPTH OF 1.5 INCHES, SHALL NOT BE LESS THAN 3 INCHES LARGER THAN THE UNIT OR THE COIL DIMENSIONS IN WIDTH AND LENGTH AND SHALL BE CONSTRUCTED OF CORROSION-RESISTANT MATERIALS. METALLIC PANS SHALL HAVE A MINIMUM THICKNESS OF NOT LESS THAN 0.0276 INCH GALVANIZED SHEET METAL, NON-METALLIC PANS SHALL HAVE A MINIMUM THICKNESS OF NOT LESS THAN 0.0665 INCH.
 - c. A SEPARATE OVERFLOW DRAIN LINE SHALL BE CONNECTED TO THE DRAIN PAN PROVIDED WITH THE EQUIPMENT. SUCH OVERFLOW DRAIN SHALL DISCHARGE TO A CONSPICUOUS POINT OF DISPOSAL TO ALERT OCCUPANTS IN THE EVENT OF A STOPPAGE OF THE PRIMARY DRAIN. THE OVERFLOW DRAIN LINE CONNECT TO THE DRAIN PAN AT A HIGHER LEVEL THAN THE PRIMARY DRAIN CONNECTION.
66. CONTRACTOR SHALL VERIFY DUCT PENETRATION THROUGH FIRE RATED WALL WITH ARCHITECTURAL FLOOR PLAN AND INCLUDE IN HIS BID ANY MISSING FIRE DAMPER AND ACCESS PANEL.
67. AIR SHALL BE BALANCED BY A CERTIFIED INDEPENDENT BALANCING CONTRACTOR NOT AFFILIATED WITH TENANT'S MECHANICAL CONTRACTOR. CONTRACTOR SHALL PROVIDE SIX COPIES OF CERTIFIED BALANCING REPORT TO THE OWNER.
68. FRESH AIR INTAKES SHALL NOT BE TAKEN FROM A LOCATION CLOSER THAN 10'-0" FROM ANY SANITARY SEWER VENT OUTLET OR FLUE OR ANY EXHAUST AIR OUTLET, UNLESS SUCH OUTLET IS NOT LESS THAN 24 INCH ABOVE THE FRESH AIR INLET AND SHALL COMPLY LOCAL AND STANDARD MECHANICAL CODE.
69. CONTRACTOR SHALL EXTEND THE CONDENSATE DRAIN FROM THE UNIT TO THE NEAREST DRAIN.
70. DRAWINGS INDICATE LOCATIONS OF FIXTURES, APPARATUS, DUCTWORK AND PIPING AND WHILE THESE ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE, IF IT IS NECESSARY TO CHANGE THE LOCATION OF SAME TO ACCOMMODATE BUILDING CONDITIONS, MAKE CHANGES WITHOUT ADDITIONAL COST TO THE OWNER AND AS APPROVED BY THE ARCHITECT.
71. PROVIDE ACCESS TO EQUIPMENT AND APPARATUS REQUIRING OPERATION SERVICE OR MAINTENANCE WITHIN THE LIFE OF THE SYSTEM.
72. DO NOT RUN PIPING OR DUCTWORK OR LOCATE EQUIPMENT (WITH RESPECT TO SWITCHBOARDS, PANEL BOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY-TYPE TRANSFORMERS WITHIN 42" IN FRONT OF EQUIPMENT, OVER EQUIPMENT, OR WITHIN 36" HORIZONTALLY OF SAME SPACE.
73. ALL MATERIALS AND EQUIPMENT SHALL FIT THE SPACE AVAILABLE, WITH MANUFACTURER'S RECOMMENDED CLEARANCE FOR ACCESS.
74. SCHEDULED FAN STATIC PRESSURES ARE ESTIMATED. PROVIDE AND ADJUST DRIVES TO DELIVER SCHEDULED AIR QUANTITIES AGAINST ACTUAL SYSTEM RESISTANCE. CONTRACTOR SHALL MAKE CHANGES TO SHEAVES, BELTS, VALVES, AND DAMPERS OR PROVIDE ADDITIONAL DAMPERS REQUIRED TO PROVIDE AIR QUANTITIES SHOWN ON THE DRAWINGS.
75. PROVIDE LABELS FOR EACH EQUIPMENT. LABELS TO BE ENGRAVED LAMINATED BAKELITE NAMEPLATES WITH 1/4" HIGH WHITE CUT LETTERS) SECURE TO EQUIPMENT.
76. DIMENSIONS, CONNECTIONS, AND INSTALLATION DETAILS OF EQUIPMENT SUPPLIED BY SEVERAL ACCEPTABLE MANUFACTURERS MAY VARY. CONTRACTOR SHALL BE FULLY RESPONSIBLE OF COMPLIANCE WITH REQUIREMENTS OF PLANS AND SPECIFICATION FOR ANY SUBSTITUTE EQUIPMENT.
77. BLADES OF FIRE DAMPERS SHALL BE OUT OF AIR STREAM.
78. CONTRACTOR SHALL NOT FABRICATE ANY DUCT WORK WITHOUT COORDINATING WITH OTHER DISCIPLINE AND VERIFYING THE CLEARANCE ABOVE THE CEILING.
79. CONTRACTOR SHALL INFORM THE OWNER THAT WHEN A SINGLE UNIT SERVES SEVERAL SPACES THE TEMPERATURE MAY VARY FROM ONE SPACE TO THE OTHER.
80. DUCT OR PIPE PENETRATING A FIRE RATED WALL OR FLOOR SHALL BE SEALED WITH THE FIRESTOP SEALANT.
81. ACCEPTABLE MANUFACTURERS: CARRIER, TRANE, LENNIX, YORK, TITUS, KRUEGER, PENN, ACME, CDDK, NO OTHER MANUFACTURERS SHALL BE ACCEPTABLE.
82. CONTRACTOR SHALL SUBMIT EQUIPMENT DATA FOR APPROVAL.
83. START-UP OF MECHANICAL SYSTEMS SHOULD INCLUDE TEMPORARY FILTERS TO ELIMINATE CONSTRUCTION DUST AND DEBRIS, AND A SYSTEM FLUSHING WITH MAXIMUM OUTSIDE AIR INTAKE FOR AN EXTENDED PERIOD TO DISSIPATE CHEMICALS DISCHARGED FROM BUILDING MATERIALS AND PRODUCTS. INSTALL PERMANENT FILTERS PRIOR TO BUILDING OCCUPANCY BY OWNER. PROVIDE INSTALLATION AND START-UP CERTIFICATION FROM MAJOR EQUIPMENT MANUFACTURERS.
84. START-UP AND COMMISSIONING SHALL BE BY THE MANUFACTURER'S REPRESENTATIVE.
87. BACK SIDE OF (NON-AIR-CONDITIONING SIDE) SUPPLY DIFFUSER INCLUDING FLANGE SITTING ON METAL CEILING GRID SHALL BE INSULATED TO PREVENT CONDENSATION. INSULATION SHALL BE ADHERE TO DIFFUSER TO PREVENT ANY AIR MOVEMENT BETWEEN DIFFUSER AND INSULATION. INSULATION IS NOT REQUIRED IF CEILING IS USED AS A RETURN AIR PLENUM.
88. THIS CONTRACTOR SHALL GIVE ALL ELECTRICAL INFORMATION (INCLUDING VOLTAGES, AMPS, PHASE) PERTAINING TO MECHANICAL EQUIPMENT TO ELECTRICAL CONTRACTOR BEFORE FINAL CONTRACT SO THAT ELECTRICAL CONTRACTOR INCLUDES IN HIS CONTRACT. CONTRACTOR SHALL GET APPROVAL FROM ELECTRICAL CONTRACTOR BEFORE ORDERING EQUIPMENT.
89. BRANCH ROUND DUCTWORK TAPS LOCATED ABOVE THE ACCESSIBLE CEILING AND SERVING ONLY ONE DIFFUSER SHALL HAVE SPIN-IN DAMPER AND SCODP WHETHER IT IS SHOWN IN DRAWINGS OR NOT.
90. MANUAL VOLUME DAMPER AT THE SPIN-IN FITTING OF BRANCH ROUND DUCT LOCATED ABOVE THE INACCESSIBLE CEILING SHALL BE OMITTED. PROVIDE MEANS OF AIR BALANCE.
91. MOUNTING FRAME OF CEILING MOUNTED AIR DISTRIBUTION DEVICES SHALL BE COMPATIBLE WITH CEILING TYPE.
92. FLEXIBLE DUCT RUN-OUTS TO DIFFUSERS SHALL BE INSTALLED FREE OF KINKS AND SAGS.
93. PROVIDE MANUAL VOLUME DAMPER IN OUTSIDE AIR INTAKE DUCT AT RETURN AIR DUCT CONNECTION AND IN RETURN AIR DUCT TO BALANCE OUTSIDE AIR AND RETURN AIR REGARDLESS WHETHER IT IS SHOWN ON PLANS OR NOT.
94. CONTRACTOR SHALL NOT PURCHASE ANY EQUIPMENT WITHOUT APPROVAL OF MECHANICAL, ELECTRICAL, AND STRUCTURAL ENGINEER. ARCHITECT AND ENGINEER MAY NOT HAVE CO-ORDINATED FINAL EQUIPMENT DATA.
95. APPLIANCES IN ATTIC: ATTICS CONTAINING APPLIANCES REQUIRING ACCESS SHALL BE PROVIDED WITH AN OPENING AND UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE. THE PASSAGEWAY SHALL NOT BE LESS THAN 30 INCHES HIGH AND 22 INCH WIDE AND NOT MORE THAN 20 FEET IN LENGTH MEASURED ALONG THE CENTRAL-LINE OF PASSAGEWAY FROM THE OPENING TO THE APPLIANCE. THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING NOT LESS THAN 24 INCHES WIDE. A LEVEL SERVICE SPACE NOT LESS THAN 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PRESENT AT THE FRONT OR SERVICE SIDE OF THE APPLIANCE. THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 20 INCHES BY 30 INCHES, WHERE SUCH DIMENSIONS ARE LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE.
96. ALL REFRIGERANT PIPES SHALL BE INSULATED WITH U EQUAL 0.20 TO 0.26 , 1" THICK, AND COVER WITH THE PVC PIPE JACKET.

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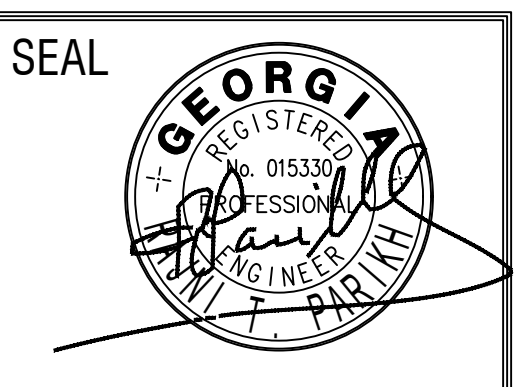
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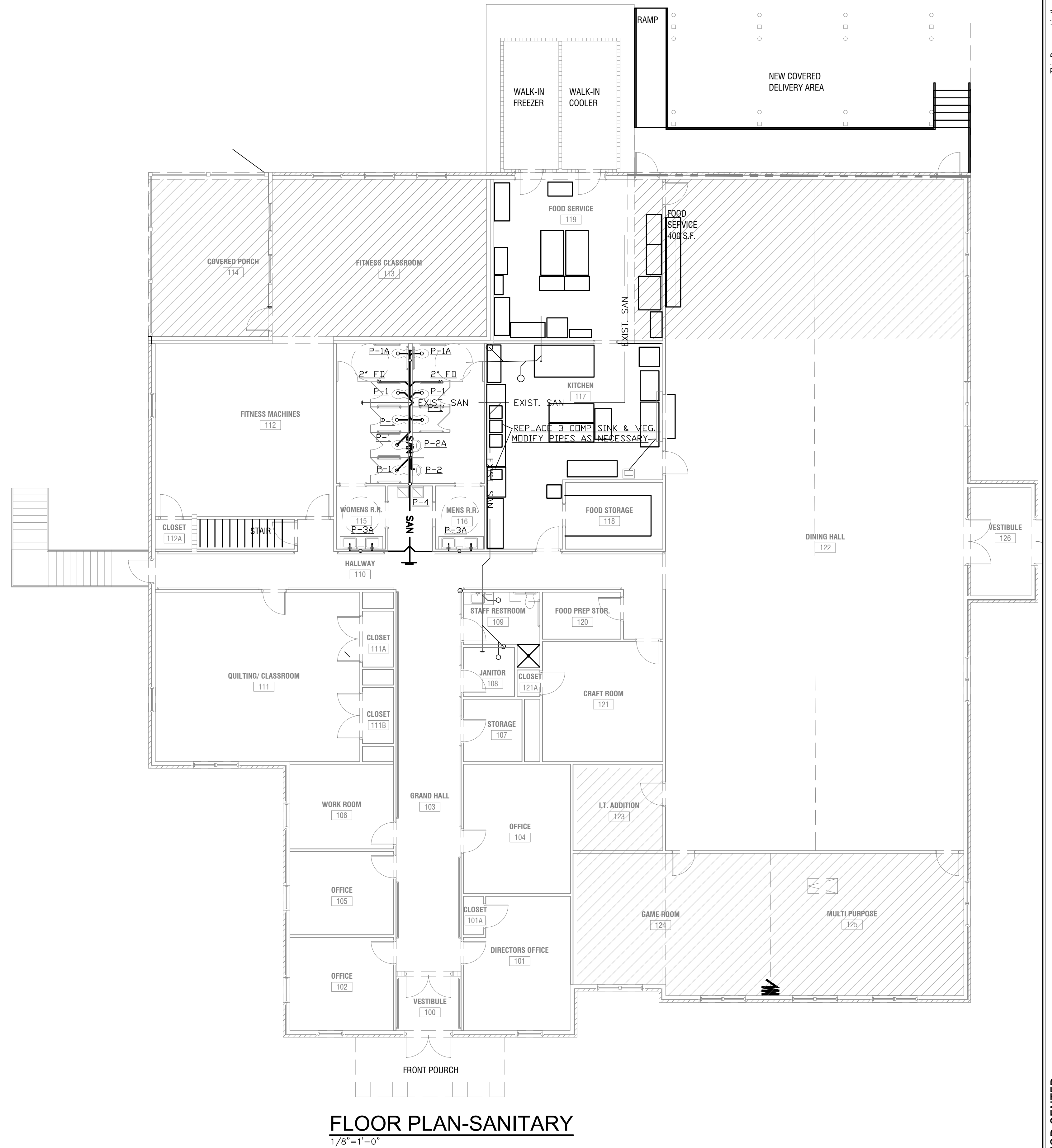
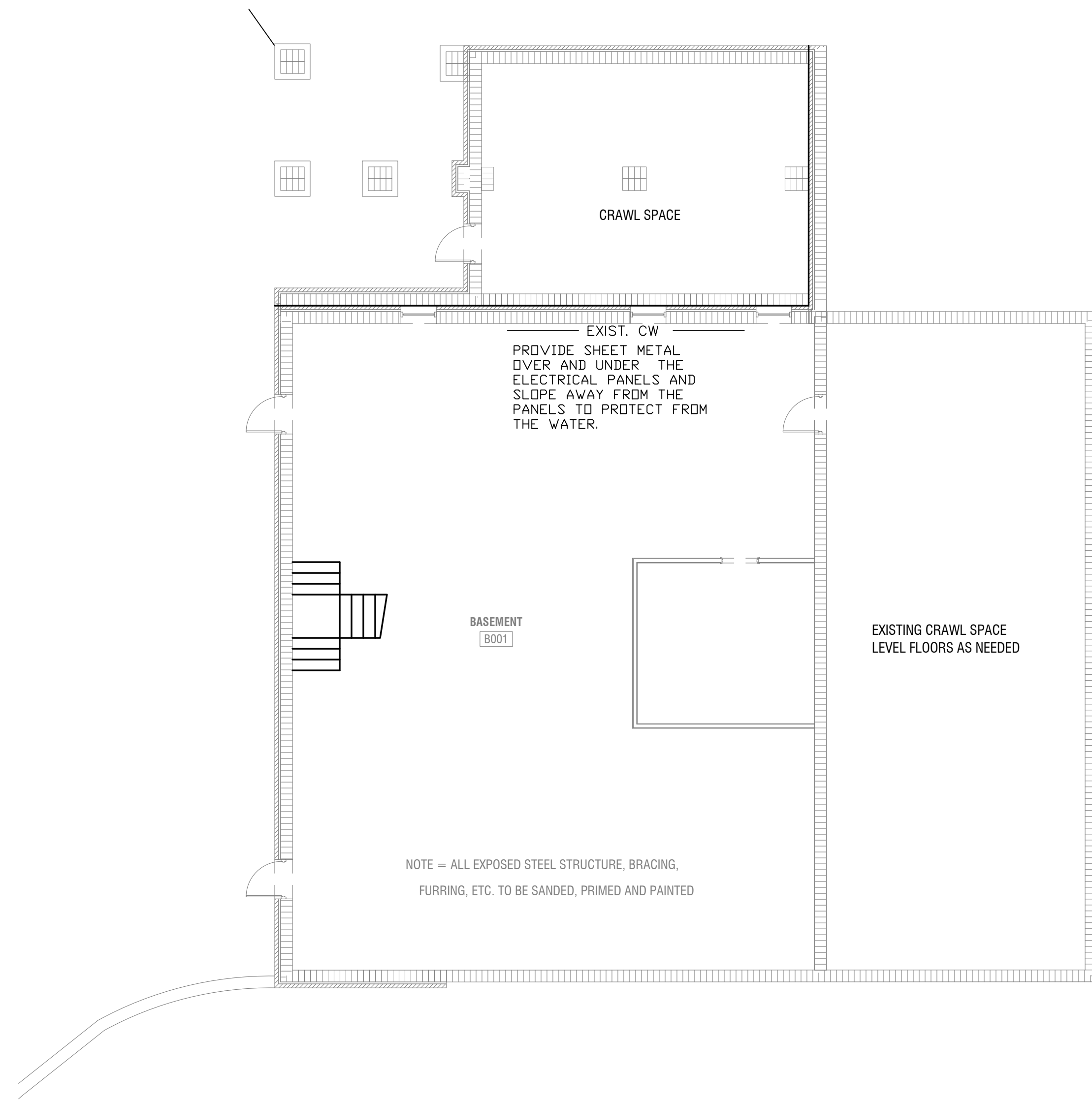
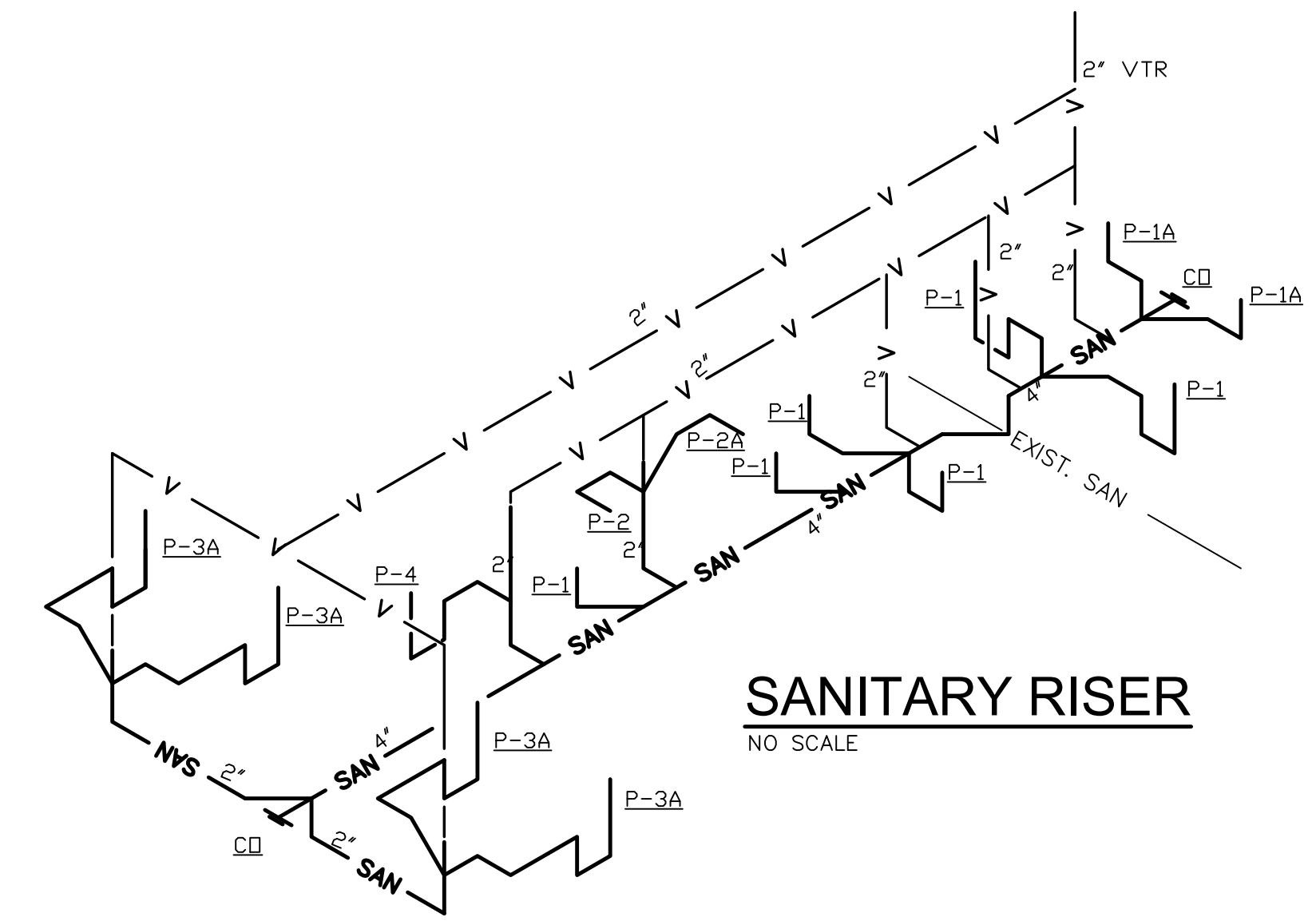
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SHEET TITLE: HVAC GENERAL NOTES	NUMBER: M-2
PRINTED: Jul 16, 2023	

LEGEND		
SAN	SANITARY	SAN
V	EXIST. SANITARY	EXIST. SAN
C.W.	COLD WATER PIPING	C.W.
H.W.	HOT WATER PIPING	H.W.
G.	EXIST. COLD WATER	EXIST. CW
G.	EXIST. HOT WATER	EXIST. HW
G.	GAS PIPING	GAS
G.	EXIST. GAS PIPING	EXIST. GAS
G.V.	GATE VALVE	G.V.
G.C.	GAS COCK	G.C.
W	WASTE	W
V	VENT	V
V.T.R.	VENT THRU ROOF	V.T.R.
F.D.	FLOOR DRAIN	F.D.
H.D.	HUB DRAIN	H.D.
F.S.	FLOOR SINK	F.S.
T&P	TEMPERATURE AND PRESSURE	T&P
A.F.F.	ABOVE FINISH FLOOR	A.F.F.
A/C	ABOVE CEILING	A/C
U.F.	UNDER FLOOR SLAB	U.F.
W.H.A.	WATER HAMMER ARRESTOR	W.H.A.
P1	INDICATES EQUIPMENT NUMBER FOR PLUMBING ONLY	P1

PLUMBING FIXTURE CONNECTION SCHEDULE						
SYMBOL	FIXTURE	RUN OUT SIZES			MTG. HT.	DESCRIPTION
		W	CW	HW		
P-1	WATER CLOSET (TANK)	3"	1/2"	15"		15' FLOOR TO RIM
P-1A	WATER CLOSET (TANK)	3"	1/2"	18"		18" FLOOR TO RIM (HANDICAPPED)
P-2	URINAL	2"	3/4"	24"		24" FLOOR TO LIP
P-2A	URINAL	2"	3/4"	17"		17" FLOOR TO LIP (HANDICAPPED)
P-3/3A	LAVATORY (COUNTER)	1 1/4"	1/2"	1/2"		COUNTERTOP
P-4	WATER COOLER	1 1/4"	1/2"	36"		36" FLOOR TO SPOUT (HANDICAPPED)

1. SEE ARCHITECT DRAWINGS FOR THE ELEVATION AND LOCATION.

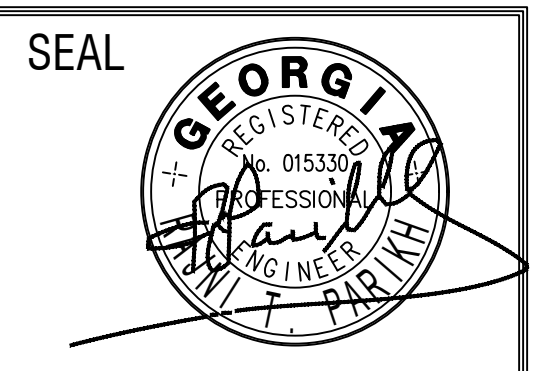


FLOOR PLAN-SANITARY
1/8"=1'-0"

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS					

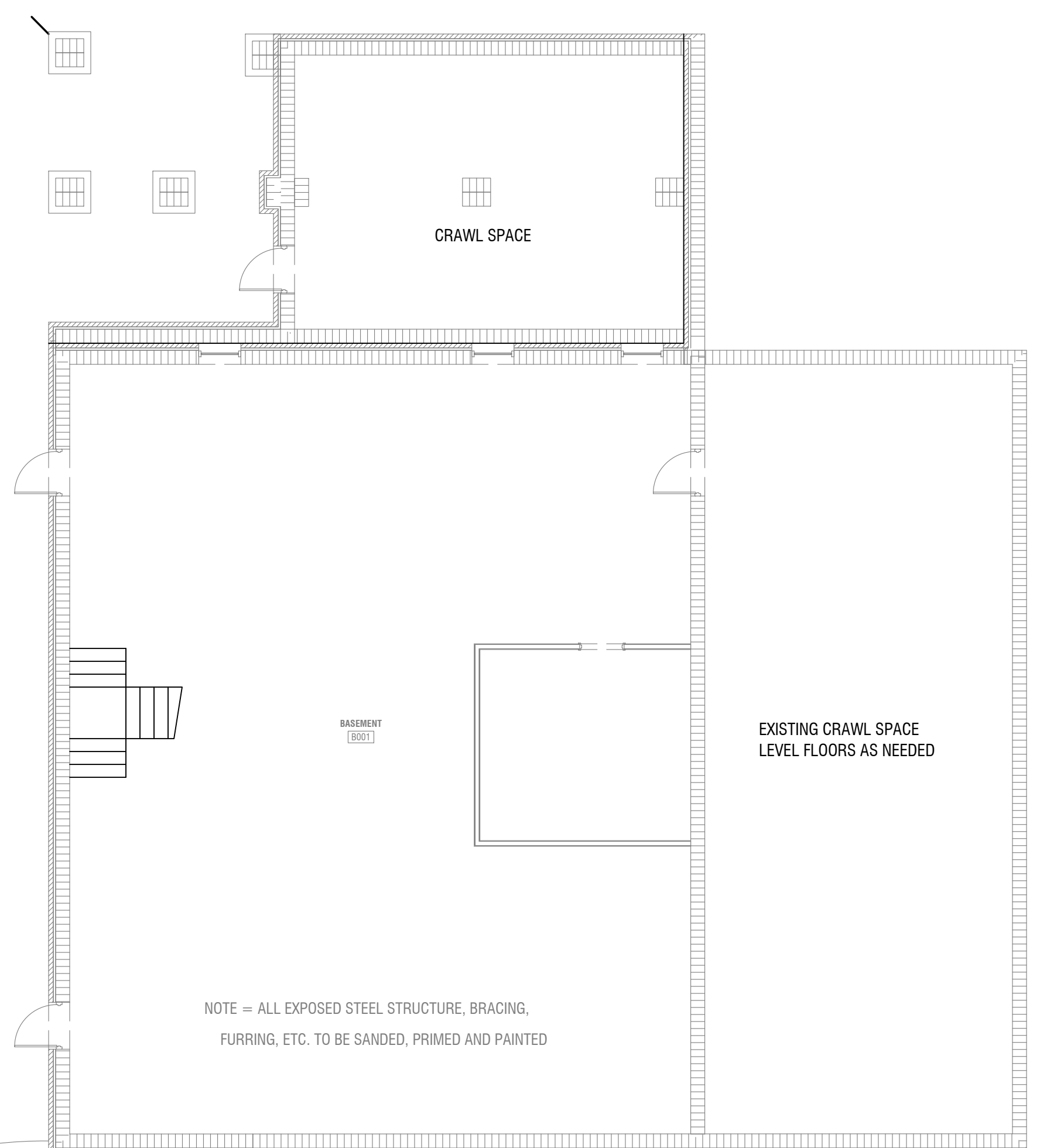
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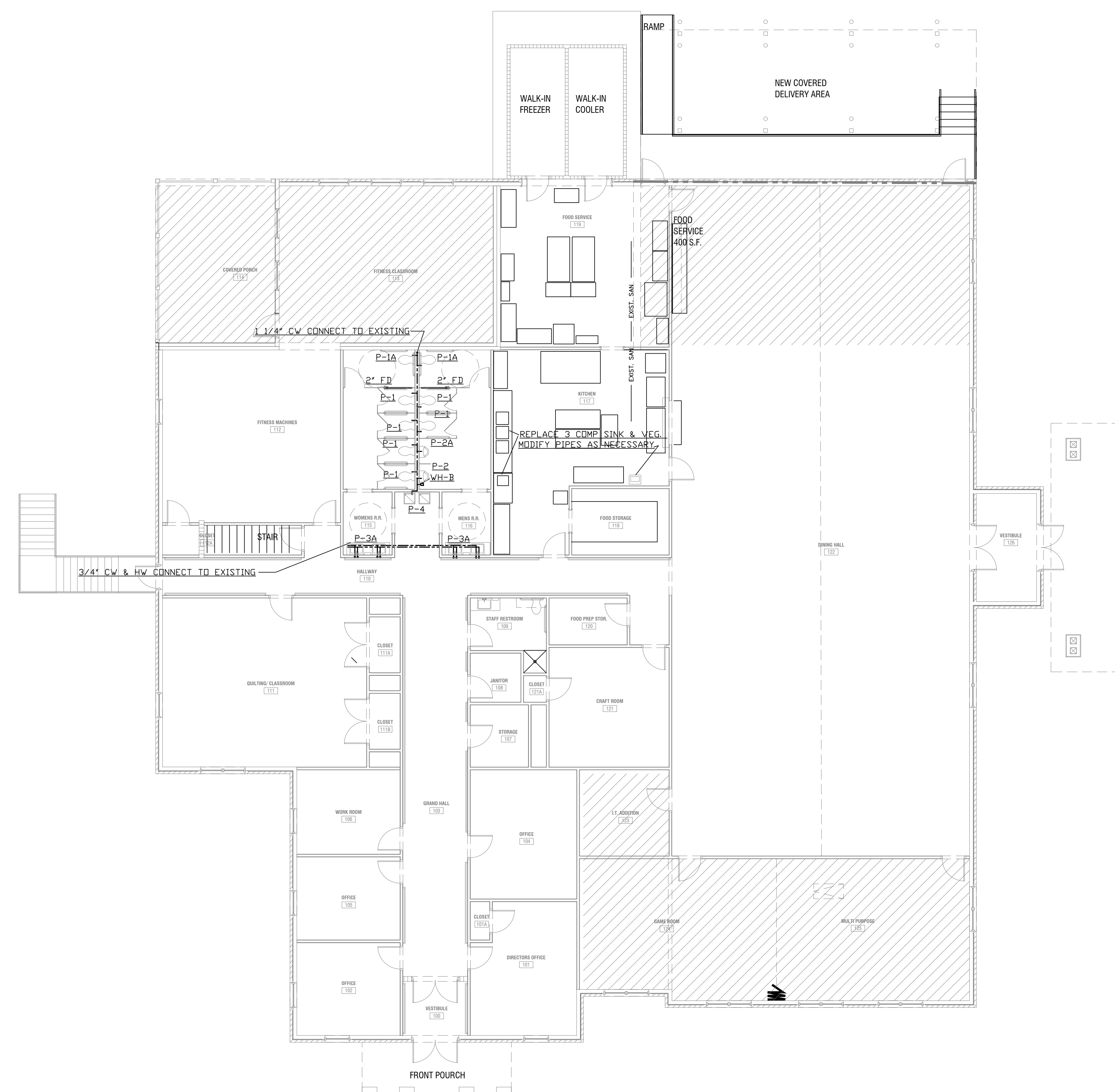
JACKSON COUNTY SENIOR CENTER
 151 GENERAL JACKSON DR. JEFFERSON
 GA 30549

SHEET TITLE:
**BASEMENT AND FIRST FLOOR PLAN
 SANITARY & RISER**
 PRINTED: Jul 16, 2023

NUMBER:
P-1



BASEMENT FLOOR PLAN-WATER
1/8"=1'-0"



FIRST FLOOR PLAN-WATER
1/8"=1'-0"

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

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JACKSON COUNTY SENIOR CENTER
 151 GENERAL JACKSON DR. JEFFERSON
 GA 30549

SHEET TITLE:
BASEMENT AND FIRST FLOOR PLAN WATER
 PRINTED: Jul 16, 2023

NUMBER:
P-2

Jul 16, 2023

JACKSON COUNTY SENIOR CENTER PRINTED DATE: 07/16/23
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PLUMBING GENERAL NOTES

- CONTRACTOR SHALL BRING TO THE ATTENTION OF ARCHITECT ANY CONFLICTS OF WORK PRIOR TO PURCHASE OF EQUIPMENT OR COMMENCEMENT OF WORK.
- CONTRACTOR SHALL VISIT THE JOB SITE AND HAVE A GOOD WORKING KNOWLEDGE AND ACQUAINTANCE OF THE EXISTING JOB SITE AS WELL AS THE CONDITIONS OF THE JOB SITE AND INCLUDE A STATEMENT ON HIS BID THAT HE HAS DONE SO.
- REQUEST FOR PAYMENT FOR ADDITIONAL COSTS DUE TO SITE CONDITIONS WILL NOT BE ALLOWED.
- FURNISH ALL PLAN, LABOR, EQUIPMENT, (EXCEPT AS OTHERWISE INDICATED AND AGREED UPON), AND MATERIALS AS INDICATED, AND PERFORM ALL OPERATIONS IN CONNECTION WITH THE INSTALLATION OF A COMPLETE PLUMBING SYSTEM.
- THE WORK UNDER THIS SECTION SHALL COMPLY AS MINIMUM REQUIREMENTS WITH APPLICABLE LAWS, ORDINANCES, CODES, AND REGULATIONS OF THE COUNTY, STATE, AND CITY WHERE INSTALLED. WHERE THE REQUIREMENTS OF THESE SPECIFICATIONS ARE MORE THAN RESTRICTIVE THAN APPLICABLE CODES AND REGULATIONS DESCRIBED ABOVE, THE REQUIREMENTS OF PLANS AND SPECIFICATIONS SHALL BE MET.
- PLUMBING CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED FOR THE INSTALLATION OF THIS WORK AND PAY ALL CHARGES INCIDENT THERETO. HE SHALL DELIVER TO THE ARCHITECT CERTIFICATES OF SAID INSPECTIONS ISSUED BY PROPER AUTHORITIES. HE SHALL PAY ALL COSTS FOR PERMITS AND INSPECTIONS AS REQUIRED BY GOVERNING AUTHORITY.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK.
- VERIFY LOCATION, SIZE, INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
- FURNISH TWO BROCHURES CONTAINING CATALOG CUTS AND DATA ON PLUMBING FIXTURES, WATER HEATER AND SPECIFY ITEMS, AS WELL AS WARRANTIES AND GUARANTIES PERTAINING THERETO.
- PROTECT ALL PLUMBING EQUIPMENT AND MATERIALS AGAINST DAMAGE. COMPLETED SYSTEM SHALL BE FREE FROM BLOCKAGE, DEBRIS, AND OBSTRUCTIONS.
- PROVIDE THE OWNER WITH A WRITTEN AND CERTIFIED GUARANTEE FOR THE COMPLETED WORK COVERING A PERIOD OF ONE YEAR, STARTING FROM THE DAY OF FINAL ACCEPTANCE BY THE OWNER OF THE COMPLETED AND APPROVED SYSTEMS.
- ELECTRICAL EQUIPMENT SHALL BE FURNISHED AND WIRED FOR THE ELECTRICAL CHARACTERISTICS CALLED FOR IN ELECTRICAL PLANS AND SPECIFICATIONS.
- PROVIDE CHROME PLATED FLOOR, WALL AND CEILING PLATES AT EACH EXPOSED POINT WHERE PIPES PASS THROUGH FLOOR, WALL AND/OR CEILING.
- WATER PIPING LESS THAN 1/2" DIAMETER AND ALL RELATED VALVES, FITTINGS, AND JOINTS SHALL BE INSULATED WITH 4" COLD AND 1" HOT HEAVY DENSITY FIBERGLASS WITH FKS SELF-SEALING LAP. WATER PIPING GREATER THAN 1/2" DIAMETER AND ALL RELATED VALVES, FITTINGS, AND JOINTS SHALL BE INSULATED WITH 4" COLD AND 2" HOT HEAVY DENSITY FIBERGLASS WITH FKS SELF-SEALING LAP. HORIZONTAL STORM DRAIN WITHIN CONDITION SPACES USE 1" PREFORMED FIBERGLASS PIPE INSULATION WITH FACTORY JACKET.
- ALL WATER PIPING AND ALL RELATED VALVES, FITTINGS, AND JOINTS SHALL BE INSULATED WITH 1/2" COLD AND 1" HOT HEAVY DENSITY FIBERGLASS WITH FKS SELF-SEALING LAP.
- JOINT JACKET, JOINTS AND FITTINGS SHALL BE DONE IN ACCORDANCE WITH RECOMMENDATIONS OF MANUFACTURER SUPPLYING THE INSULATION. INSULATION MATERIALS, INCLUDING INSULATION CLOTHS, CEMENTS, JACKETS, FACINGS, ADHESIVES, MASTIC, TAPES, AND OTHER ACCESSORIES SHALL HAVE COMPOSITE FIRE AND SMOKE HAZARD RATING AS TESTED BY U.L. PROCEDURE U1723, NOT EXCEEDING FLAME SPREAD RATING OF 25 AND SMOKE DEVELOPED RATING OF 50. USE OF WATER SOLUBLE TREATMENTS TO ACHIEVE THESE RATINGS IS NOT ACCEPTABLE.
- INSIDE WATER PIPING SHALL BE TYPE "M" COPPER WITH WROUGHT COPPER FITTINGS MADE USING LEAD FREE SOLDER JOINTS. PLASTIC WATER PIPE WILL NOT BE APPROVED.
- SOIL, WASTE, AND VENT PIPING SHALL BE SCHEDULE 40 DWV ASTM-D-2665 PVC PLASTIC PIPE WITH SOLVENT WELDED JOINTS FOR ALL SOIL, WASTE AND VENT PIPING. PLASTIC PIPE MAY ONLY BE USED IF APPROVED BY PLUMBING AND FIRE CODES. PLASTIC PIPE OR ANY COMBUSTIBLE MATERIAL SHALL NOT BE USED IN THE RETURN AIR CEILING PLENUM. NO OTHER ASTM MATERIAL IS ACCEPTABLE.
- NO VENTS OR OTHER PIPES SHALL BE VISIBLE FROM THE FRONT OF THE BUILDING.
- PROVIDE PLUMBING FIXTURES AS INDICATED, COMPLETE WITH EVERYTHING REQUIRED FOR CORRECT OPERATION. THERE SHALL BE NO EXPOSED PLASTIC PIPE OR TRAPS ON ANY PLUMBING FIXTURE. ROUND, FRONT WATER CLOSETS WILL NOT BE APPROVED.
- FIXTURE NUMBERS ARE AMERICAN STANDARD. EQUAL PRODUCTS: ORANE, SUDAN, KOHLER, ELJER, DELTA, SPEAR, ELKAY, CHURCH, BENEKE, BEMIS, SPERZEL, HASLEY TAYLOR, DAVIS, AND SUNDRIC.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BY EVERY APPLICABLE JURISDICTIONS IN THE PERFORMANCE OF THE WORK.
- ALL WORK SHALL MEET THE LOCAL AND STATE, PLUMBING CODE, AND ENERGY CODE.
- CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE OF EACH ITEM OF EQUIPMENT WITH ELECTRICAL CONTRACTOR BEFORE ORDERING.
- PROVIDE OPERATIONS AND MAINTENANCE MANUALS FOR ALL EQUIPMENT.
- ALL LDW VOLTAGE CONTROL AND INTERLOCK WIRING IS INCLUDED IN THIS DIVISION.
- ALL SANITARY PIPE SHALL BE TERMINATED 10'-0" AWAY FROM ANY FRESH INTAKE.
- WATER PIPING RUN IN ATTIC SPACES SHALL BE RUN ON HEATED SIDE OF ATTIC OR CEILING INSULATION. WATER PIPING RUN IN OUTSIDE BUILDING WALLS SHALL BE RUN ON HEATED SIDE OF WALL INSULATION.
- UNLESS OTHERWISE INDICATED, FLOOR DRAINS SHALL BE EQUAL TO JAY R. SMITH 2005H 2"NB WITH TRAP PRIMER P500. PROVIDE TRAP PRIMER AS REQUIRED BY CODE. FLOOR DRAINS EQUAL BY: JONESPEC, JOSAM, WADE, AND ZURN.
- PROVIDE CLEAN-OUTS WHERE INDICATED AND WHERE REQUIRED BY CODE. (75 FT FOR 4" PIPE AND 50 FT. FOR 3" PIPE. CLEAN-OUT COVER PLATES SHALL BE METAL AND HAVE TOP FLUSH WITH FINISHED WALL. FLOOR OR GRADE WALL CLEAN-OUTS SHALL BE NO HIGHER THAN 12" ABOVE FLOOR, UNLESS OTHERWISE INDICATED. FOR DWV PVC PLASTIC PIPE SYSTEM, USE CLEAN-OUTS MANUFACTURED BY SMITH, JONESPEC, JOSAM, WADE OR ZURN.
- CONTRACTOR IS TO SUPPLY ALL SAFETY EQUIPMENT AND SUPERVISION REQUIRED TO ASSURE A SAFE CONSTRUCTION SITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL SAFETY INSPECTIONS, SUPERVISION, AND COMPLIANCE WITH ALL APPLICABLE LAWS.
- PIPES PASSING THROUGH CONCRETE OR CINDER WALLS AND FLOORS OR OTHER CORRODSIVE MATERIAL SHALL BE PROTECTED AGAINST EXTERNAL CORROSION BY A PROTECTIVE SHEATHING OR WRAPPING OR OTHER MEANS THAT WILL WITHSTAND ANY REACTION FROM LIME AND ACID CONCRETE, CINDER OR OTHER CORRODSIVE MATERIAL. SHEATHING OR WRAPPING SHALL ALLOW FOR EXPANSION AND CONTRACTION OF PIPING TO PREVENT ANY RUBBING ACTION.
- A SOIL OR WASTE PIPE OR BUILDING DRAIN PASSING UNDER A FOOTING OR THROUGH A FOUNDATION WALL, SHALL BE PROVIDED WITH A RELIEVING ARCH, OR THERE SHALL BE BUILT INTO THE MASONRY WALL A PIPE SLEEVE TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH OR AS MAY BE APPROVED IN WRITING BY THE PLUMBING OFFICIAL.

- TRENCHING INSTALLED PARALLEL TO FOOTINGS SHALL NOT EXTEND BELOW THE 45 DEGREE BEARING PLANE OF THE FOOTING OR WALL UNLESS APPROVED BY THE PLUMBING OFFICIAL.
- WHEN CLEAN-OUTS ARE INSIDE THE BUILDING, CLEAN-OUTS SHALL BE ABOVE THE FLOOD LEVEL RIM OF THE FIXTURES THAT THE HORIZONTAL PIPE SERVES WHEN PRACTICAL.
- WATER PIPE SHALL BE DISINFECTED AS PER CODE.
- PIPE PENETRATING A FIRE RATED WALL OR FLOOR SHALL BE SEALED WITH THE FIRESTOP SEALANT.
- HORIZONTAL DRAINAGE PIPING SHOULD BE INSTALLED AT A UNIFORM SLOPE. 3" DIAMETER AND SMALLER PIPE SHALL BE INSTALLED WITH A FALL OF NOT LESS THAN 1/4 INCH PER FOOT. 3" DIAMETER AND LARGER PIPE SHALL BE INSTALLED WITH A FALL OF NOT LESS THAN 1/8 INCH PER FOOT. CONTRACTOR SHALL VERIFY THE INVERT ELEVATION OF PIPING WITH CIVIL PLAN BEFORE INSTALLING THE PIPE. SEE PLUMBING CODE SECTION 704, TABLE 704.1
- CONTRACTOR SAW CUT THE FLOOR AS NECESSARY AND RE-PATCH THE FLOOR.
- CONTRACTOR SHALL NOT CHANGE ANY PIPING LAYOUT WITHOUT WRITTEN PERMISSION.
- WATER PIPING SHALL NOT BE INSTALLED IN THE ATTIC OR UNHEATED AREA UNLESS OTHERWISE NOTED. IF PIPING IS INSTALLED IN THE ATTIC SPACE, THEN CONTRACTOR SHALL GET APPROVAL FROM THE ENGINEER.
- CONTRACTOR SHALL NOT INSTALL ANY PIPING OR FIXTURES WHICH WILL BE IMPEDIMENT TO THE TRAFFIC.
- DO NOT RUN PIPING OR DUCT-WORK OR LOCATE EQUIPMENT (WITH RESPECT TO SWITCHBOARDS, PANEL BOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY TYPE TRANSFORMERS WITHIN 42" IN FRONT OF EQUIPMENT, OVER EQUIPMENT, OR WITHIN 36" HORIZONTALLY OF SAME SPACE.
- PROVIDE SHEET METAL ENCLOSURE OVER ALL ELECTRICAL PANELS TO PROTECT ALL ELECTRICAL UNDER THE PLUMBING.
- THIS CONTRACTOR SHALL GIVE ALL ELECTRICAL AND MECHANICAL INFORMATION PERTAINING TO PLUMBING EQUIPMENT TO ELECTRICAL AND MECHANICAL CONTRACTORS BEFORE FINAL CONTRACT SO THAT ELECTRICAL AND MECHANICAL CONTRACTOR INCLUDE IN HIS CONTRACT. CONTRACTOR SHALL NOT PURCHASE ANY EQUIPMENT WITHOUT WRITTEN APPROVAL FROM ELECTRICAL AND STRUCTURAL ENGINEERS AND CONTRACTORS.
- ANY PIPE SUBJECT TO FREEZE SHALL BE INSULATED WITH HEAT TAP. EXAMPLE: PIPES IN ATTIC, PARKING LOT, SANITARY PIPES TRAP IN PARKING LOT.
- ALL WATER PIPES SHALL BE IDENTIFIED WITH PIPE MARKER LABEL WHICH INCLUDE THE CONTENTS OF THE PIPING SYSTEM AND ARROW OF FLOW DIRECTION AS PER PLUMBING CODE SECTION 606.6
- ALL SANITARY PIPES SHALL BE IDENTIFIED WITH PIPE MARKER LABEL WHICH INCLUDE THE CONTENTS OF THE PIPING SYSTEM AND ARROW OF FLOW DIRECTION.
- CONTRACTOR MUST VERIFY THE LOCATION OF EXISTING SEWER AND GREASE LINE INCLUDING INVERT ELEVATIONS BEFORE RUNNING ANY PIPES. ENGINEER HAS NO MEANS TO VERIFY EXISTING CONDITIONS. LOCATION OF PIPES ON PLAN MAY NOT MATCH WITH SITE.
- DRAINAGE OUTLET SHALL BE RODENTPROOF AS PER PLUMBING CODE SECTION 304.
- CONTRACTOR SHALL PROVIDE TRAP PRIMER TO EACH FLOOR DRAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL USE TRAP GUARD DRAIN BY PRO-VENT SYSTEMS (1-800-268-5095, WWW.TRAPGUARD.COM) IF IT IS PERMITTED BY THE LOCAL CODE OFFICIAL.
- ALL PLUMBING VENT SHALL BE NOT BE VISIBLE FROM THE FRONT.
- IT IS CONTRACTOR'S RESPONSIBILITY TO REPLACE ANY ITEM OR EQUIPMENT DAMAGED DURING DEMOLITION. ANY ITEM OR EQUIPMENT OR ITEM THAT IS REMOVED TO FACILITATE THE DEMOLITION SHALL BE REINSTALLED BACK TO ITS ORIGINAL CONDITION. PATCH ALL OPENINGS IN FLOOR, WALLS, CEILING MADE IN ADJACENT AREA THAT ARE NOT BEING DEMOLISHED.
- REMOVE ALL HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH ITEMS OR EQUIPMENT BEING DEMOLISHED.
- CONTRACTOR SHALL COORDINATE WITH OWNER TO SCHEDULE ANY UTILITIES SHUTDOWNS. PROVIDE TEMPORARY CONNECTIONS AS REQUIRED TO MAINTAIN ALL NECESSARY SERVICES.
- IF REQUIRED, CONTRACTOR SHALL COORDINATE WITH OWNER TO DETERMINE THE SALVAGE VALUE OF DEMOLISHED ITEMS. RECYCLABLE ITEMS WITHOUT SALVAGE VALUE SHALL BE PRESENTED TO RECYCLING FACILITY.
- WHERE (DRINKING FOUNTAINS) ARE PROVIDED THEY SHALL MEET THE REQUIREMENTS OF SECTION 602 OF THE 2010 ADA STANDARDS OF ACCESSIBLE DESIGN. THE SPOUT HEIGHT SHALL BE 36 INCHES MAXIMUM ABOVE THE FINISHED FLOOR AND PROVIDE A FLOW OF WATER 4 INCHES HIGH MINIMUM TO ALLOW THE INSERTION OF A CUP FOR AND INDIVIDUAL WHO, BECAUSE OF A DISABILITY WOULD OTHERWISE BE INCAPABLE OF USING A DRINKING FOUNTAIN. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 36 INCHES MINIMUM AND 43 INCHES MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR, SECTION 602.7.
- (FLUSH CONTROLS) SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET PER SECTION 604.6 OF THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

PLUMBING FIXTURE SCHEDULE

PROVIDE WATTS " 1/2"MMV-UT"/ACORN "H" ST70.12 OMEGA THERMOSTATIC MIXING VALVE UNDER EACH SINK AND LAVATORY TO ADJUST MIXED WATER TEMPERATURE TO PREVENT SCOLD.

PROVIDE EACH BATHROOM HOSE BIB UNDER THE LAVATORY FOR HOUSEKEEPING PURPOSE.

P-1A TANK TYPE FLOOR MOUNTED WATER CLOSETS (HANDICAP).

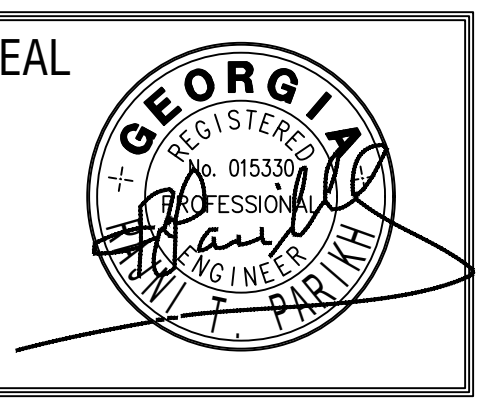
FIXTURE	215FA.104	"AMERICAN STANDARD" CADET 16 1/2" HIGH ELONGATED VITREOUS CHINA, SIPHON JET WITH CLOSED COUPLED TANK CADET TOILET WITH SUPPLY AND CAPS. (MAX. 1.28 GPF)
FIXTURE	WETS-4029-4010	SLOAN ADA-HIGH, 12" ROUGH-IN, ELONGATED VITREOUS CHINA, SIPHON JET WITH CLOSED COUPLED TANK, TOILET WITH SUPPLY AND CAPS (MAX. 1.28. GPF)
FIXTURE	WETS-8029-8010	SLOAN ADA-HIGH, 12" ROUGH-IN, ELONGATED VITREOUS CHINA, SIPHON JET WITH CLOSED COUPLED TANK, TOILET WITH SUPPLY AND CAPS (MAX. 1.28. GPF)-PRESSURE ASSISTED TANK
TANK	41888.105	RIGHT HAND TRIP LEVER TRIP LEVER MUST BE ON WIDE SIDE OF TOILET
SEAT	521	"BENEKE" HEAVY DUTY SOLID PLASTIC SEATWITH/WITHOUT COVER.
SEAT	1500STSC001	"CENTOCO" HEAVY DUTY SOLID P/LASTIC ELONGATED OPEN FRONT SEAT W/O COVER.
SUPPLY	VAL3 LF165	"EBC" MCGUIRE
TRIP LEVER MUST BE ON WIDE SIDE OF TOILET		
P-2A/P-2 WALL HUNG URINAL - HANDICAP		
FIXTURE	6520.003	"AMERICAN STANDARD" INNSBROOK 0.5 URINAL WITH INTEGRAL PROXIMITY FLUSH SYSTEM. READY FOR USE WITH LOW VOLTAGE POWER SUPPLY AND/OR MULTIPLE CONNECTIONS. ONE #9550169-0070A FLUG-IN POWER SUPPLY IS REQUIRED FOR EACH GROUP OF 1-10 UNITS, (SEE INSTALLATION INSTRUCTIONS) ONE STAINLESS STEEL STRAINER (047068-0070A) IS REQUIRED FOR EACH URINAL. "INNSBROOK" URINAL FEATURES 1 1/4" RIM FROM FINISHED WALL, INTEGRAL EXTENDED SIDES FOR PRIVACY AND COMES WITH TWO WALL HANGERS.
SU-1009-186-0.5-DFB-HW "SLOAN" HARD WIRED		
SU-1009-186-0.5-DFB "SLOAN" BATTERY OPERATED		
URINAL WALL HANGER:		
JOSAM 17830		
P-3A/3 20" X 17" COUNTERTOP LAVATORY (HANDICAP)		
FIXTURE	SS-3002	"SLOAN" VITREOUS CHINA SELF RIMMING, DROP-IN, FRONT OVERFLOW, 4" CENTER SET
ALTERNATE:		
FIXTURE	SS-3001	"SLOAN" VITREOUS CHINA SELF RIMMING, UNDERMOUNT, FRONT OVERFLOW, 4" CENTER SET
FAUCETS SF-2400-4-CP "SLOAN" HARDWRED DECK-MOUNTED MID BODY FAUCET, SENSOR ACTIVATED, SOLID BRASS CONSTRUCTION, ADJUSTABLE INFRARED SENSOR RANGE, 36" LONG SENSOR CABLE, 24" LONG FLEX HOSE, SERVICABLE FILTER, MOUNTING HARDWARE, 4" TRIM PLATE, CHROME FINISH, ADA COMPLIANT.		
EQ-A12A-33ABCP CHICAGO BUILT IN THERMOSTAT		
Alternate:		
FAUCETS	SF-2450-4-CP	"SLOAN" BATTERY-POWERED DECK-MOUNTED MID BODY FAUCET, SENSOR ACTIVATED, SOLID BRASS CONSTRUCTION, ADJUSTABLE INFRARED SENSOR RANGE, 36" LONG SENSOR CABLE, 24" LONG FLEX HOSE, SERVICABLE FILTER, MOUNTING HARDWARE, 4" TRIM PLATE, CHROME FINISH, ADA COMPLIANT.
EQ-A12A-33ABCP CHICAGO BUILT IN THERMOSTAT		
DRAIN	155WC	MCGUIRE LAVATORY GRID DRAIN, CHROME PLATED CAST BRASS STRAINER, AND BRASS LOCK NUT. DRAIN PIECE 17 GAUGE SEAMLESS BRASS TUBE AND 6" LONG. GRID DRAIN IS CSA CERTIFIED WITH THE MCGUIRE LASER ETCHED NAME.
TRAP	8872C	MCGUIRE P-TRAP, CHROME PLATED CAST BRASS, 17 GAUGE SEAMLESS BRASS ADJUSTABLE WALL BEND, CAST BRASS NIPPLE, 17 GAUGE SEAMLESS SWEAT TUBE, CAST BRASS SLIP NUTS, NO REDUCING SLIP NUTS, NO REDUCING WASHERS. P-TRAP HAS 2" WATER SEAL AND ROUGH IN COMPLETE. ADAPTER EXTENSIONS ARE NOT ALLOWED. P-TRAP WILL BE CERTIFIED BY CSA WITH MCGUIRE NAME LASER ETCHED
SUPPLY	LF170LK	MCGUIRE LAVATORY AND CLOSET SUPPLY KITS CONTAIN CHROME PLATED ALL BRASS STOPS WITH BRASS STEMS, NO PLASTIC STEMS. KITS WILL HAVE PSCHROME PLATED COPPER RISERS, FLANGES WITH SET SCREWS. INLET IS IPS WITH 5"EXTENSION. OUTLET IS IPS. MCGUIRE SUPPLY IS CERTIFIED AND COMPLY WITH THE SAFE WATER DRINKING ACT OF ANSI 61.
HANDI LAV-GUARD INSULATION KIT.		
P-4 ELECTRIC WATER COOLER SPLIT LEVEL (HANDICAP)		
FIXTURE	P08BFSLTT	"OASIS" SPLIT LEVEL ELECTRIC WALL HUNG WITH BOTTLE FILLER,COOLER SHALL DELIVER 8.0 GPH OF 50 DEGREE F WATER AT 90 DEGREE F AND 80 DEGREE F INLET WATER TEMPERATURE. 1/4 HP, 4.4 AMPS, 115/1/60 VOLTS
A172408S-UG-BF12-BOD MURDOCK		
SUPPLY	LA11	"EBC" SUPPLY TO WALL WITH WHEEL HANDLE STOP. WALL ESCHUTCHCON AND FLEXIBLE RISER.
TRAP	TA125	"EBC" 1-1/4" X 1 -1/4" P-TRAP WITH CAST BRASS NUTS AND CLEANOUT PLUG.

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
X	00-00-00	N/A			

CONSULTANTS					



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SHEET TITLE: PLUMBING GENERAL NOTES PLUMBING FIXTURES SCHEDULE	NUMBER: P-3
PRINTED: Jul 16, 2023	