

DOT-090005.07

REST AREAS RENOVATIONS

AREA NO. 1035, DISTRICT 10
US-35E, GALLIA COUNTY, OHIO

FOR:

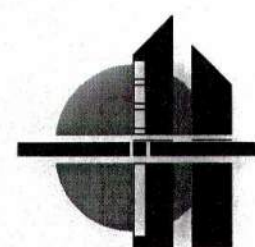


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REST AREAS RENOVATIONS
AREA NO. 1035, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

TITLE SHEET

DRAWN BY: RCB CHECKED BY: RGJ/KRA

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SAI # 09061702

DRAWING NUMBER:

G1.1

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ABBREVIATIONS

#	AND	F.E.C.	FIRE EXTINGUISHER	REFR.	REFRIGERATOR
@	AT		CABINET	REINF.	REINFORCING,
A.B.	ANCHOR BOLT	FIN.	FINISH(ED)		REINFORCEMENT
ABV.	ABOVE	FIXT.	FIXTURE	REM.	REMOVE(D)(ABLE)
A/C	AIR CONDITIONING	FLR.	FLOOR(ING)	REQ'D.	REQUIRED
ACI	AMERICAN CONCRETE	FLUOR.	FLUORESCENT	RESIL.	RESILIENT
	INSTITUTE	FR.	FRAME	REV.	REVISION(S), REVISED
ACST.	ACOUSTIC	FR.P.	FIBERGLASS	R.M.	ROOM
A.C.T.	ACOUSTICAL CEILING		REINFORCED PLASTIC	RND.	ROUND
	TILE	F.R.T.	FIRE RETARDANT	R.O.	ROUGH OPENING
ADA	AMERICANS WITH		TREATED	R.T.G.	RATING
ADAAG	DISABILITIES ACT	FT., (')	FEET/FOOT	R.T.U.	ROOF TOP UNIT
	AMERICAN WITH	FTG.	FOOTING	SAN.	SANITARY
	DISABILITIES ACT	FURG.	FURRED/FURRING	S.C.	SOLID CORE
	ACCESSIBILITY	G.	GROUND	SCHED.	SCHEDULE
	GUIDELINES	GALV.	GALVANIZED	SECT.	SECTION
ADDL.	ADDITIONAL	G.C.	GENERAL CONTRACTOR	S.F.	SQUARE FEET/FOOTAGE
ADJ.	ADJUSTABLE/ADJACENT	GL.	GLASS	SHT.	SHEET
A.F.F.	ABOVE FINISH FLOOR	GR.	GRADE	SIM.	SIMILAR
A.F.G.	ABOVE FINISH GRADE	G.W.B.	GYPSPUM WALL BOARD	S.J.	SAW JOINT
A.F.S.	ABOVE FINISH SLAB	H.	HIGH	S.SUR.	SOLID SURFACE
AGGR.	AGGREGATE	H.B.	HOSE BIBB	SPECS.	SPECIFICATION(S)
ALT.	ALTERNATE	HCP.	HANDICAPPED	SPLY.	SUPPLY, SUPPLIED
ALUM.	ALUMINUM	HDN.	HARDWARE	SQ.	SQUARE
ANSI	AMERICAN NATIONAL	HDND.	HARDWOOD	S.S.T.	STAINLESS STEEL
	STANDARDS	H.M.	HOLLOW METAL	STD.	STANDARD
APPROX.	APPROXIMATE	HORIZ.	HORIZONTAL	STL.	STEEL
ARCH.	ARCHITECT(URAL)	HRS.	HOURS	STOR.	STORAGE
ASHRAE	AMERICAN SOCIETY	HT.	HEIGHT	STRUCT.	STRUCTURAL
	OF HEATING,	H.V.A.C.	HEATING, VENTILATING,	SUSP.	SUSPENDED
	REFRIGERATION &		AIR CONDITIONING,	T.	TREAD
	AIR CONDITIONING	I.D.	INSIDE DIAMETER	T&G	TONGUE & GROOVE
	ENGINEERS	IN., (")	INCH	T.B.D.	TO BE DETERMINED
ASTM	AMERICAN SOCIETY	INFO.	INFORMATION	TEL.	TELEPHONE
	FOR TESTING &	INSTL.	INSTALL(ED)	THK.	THICK(NESS)
	MATERIALS	INSUL.	INSULATION, INSULATED	TM.PD.	TEMPERED
A.T.M.	AUTOMATED TELLER	INT.	INTERIOR	T.O.	TOP OF
	MACHINE	JAN.	JANITOR	T.S.	TUBE STEEL
BLDG.	BUILDING	JOINT	JOINT	TYP.	TYPICAL
BLKG.	BLOCKING	KIT.	KITCHEN	UL	UNIFORM BUILDING
B.M.	BENCH MARK	LAM.	LAMINATE	U.N.O.	UNLESS NOTED
B.N.	BULL NOSE	LAV.	LAVATORY	OTHERWISE	OTHERWISE
B.O.	BOTTOM OF	L.K.R.	LOCKER	V.C.T.	VINYL COMPOSITE
BOCA	BUILDING OFFICIALS	L.L.V.	LONG LEG VERTICAL	VERT.	VERTICAL
	CODE ADMINISTRATORS	L.V.L.	LAMINATED VENEER	V.I.F.	VERIFY IN FIELD
BOT.	BOTTOM	LUMBER	LUMBER	W.	WIDE
BRG.	BRITISH THERMAL	MAX.	MAXIMUM	W/	WITH
B.T.U.	UNIT	M.C.G.	METAL CORNER GUARD	W/O	WITHOUT
CAB.	CABINET	MECH.	MECHANICAL	W.B.	WOOD BASE
C.B.	CATCH BASIN	MEMB.	MEMBRANE	WD.	WOOD
C/C	CENTER TO CENTER	MEZZ.	MEZZANINE	W.H.	WATER HEATER
CER.	CERAMIC	MFR.	MANUFACTURER	WT.	WEIGHT
C.G.	CORNER GUARD	MGR.	MANAGER	W.W.F.	WELDED WIRE FABRIC
C.I.	CAST IRON	M.H.	MANHOLE		
C.I.P.	CAST-IN-PLACE	MIR.	MIRROR		
C.J.	CONTROL JOINT	MISC.	MISCELLANEOUS		
CKT.	CIRCUIT	M.O.	MASONRY OPENING		
CLG.	CEILING	M.P.H.	MILES PER HOUR		
CLR.	CLEAR	MTD.	MOUNTED		
C.M.U.	CONCRETE MASONRY	MTL.	METAL		
	UNIT	MULL.	MULLION		
CNTR.	COUNTER	N.	NORTH		
C.O.	CLEAN OUT	NEC	NATIONAL ELECTRIC		
COL.	COLUMN		CODE		
COL.	CONCRETE	NEMA	NATIONAL ELECTRICAL		
CONN.	CONNECTION		MANUFACTURERS		
CONSTR.	CONSTRUCTION		ASSOCIATION		
CONT.	CONTINUOUS OR	NFPA	NATIONAL FIRE		
	CONTINUE		PROTECTION		
CONTR.	CONTRACTOR		ASSOCIATION		
COORD.	COORDINATE	N.I.C.	NOT IN CONTRACT		
CORR.	CORRIDOR	NO., #	NUMBER		
CORR.	CERAMIC TILE	NOM.	NOMINAL		
CTR.	CENTER	N.T.S.	NOT TO SCALE		
D.	DEEP/DEPTH	O.	OVER		
DBL.	DOUBLE	O/O	OUT TO OUT		
DEPT.	DEPARTMENT	OA.	OVERALL		
DET.	DETAIL	ON C.	ON CENTER		
DEV.	DEVELOPMENT	O.D.	OUTSIDE DIAMETER		
D.F.	DRINKING FOUNTAIN	OFF.	OFFICE		
DIA.	DIAMETER	OPP.	OPPOSITE		
DIAG.	DIAGONAL	O.S.B.	ORIENTED STRAND		
DIM.	DIMENSION		BOARD		
DN.	DOWN	P.J.	PANEL JOINT		
DR.	DOWNSPOUT	PL., P	PLATE		
DS.	DRAINING(S)	P.LAM.	PLASTIC LAMINATE		
DWG.	DRAWER	PLAS.	PLASTER		
EA.	EACH	PLBG.	PLUMBING		
E.G.	EDGE GRAIN	P.L.F.	POUNDS PER LINEAR		
E.I.F.S.	EXTERIOR INSULATION		FOOT		
	AND FINISH SYSTEM	PLYWD.	PLYWOOD		
E.J.	EXPANSION JOINT	PNL.	PANEL		
EL.	ELEVATION	POL.	POLISHED		
ELEC.	ELECTRIC(AL)	PR.	PAIR		
ELEV.	ELEVATOR	PROJ.	PROJECT		
ENGR.	ENGINEER	P.S.F.	POUNDS PER SQUARE		
E.P.	ELECTRICAL PANEL		FOOT		
EQ.	EQUAL	P.S.I.	POUNDS PER SQUARE		
EQUIP.	EQUIPMENT		INCH		
E.W.C.	ELECTRIC WATER	PT.	PAINT(ED)		
	COOLER	P.T.	PRESSURE TREATED		
EXIST.	EXISTING	PTN.	PARTITION		
EXP.	EXPANSION, EXPOSED	Q.T.	QUANTITY		
EXT.	EXTERIOR	QTY.	QUANTITY		
F.A.	FIRE ALARM	R.	RADIUS		
F.D.	FLOOR DRAIN	R.C.P.	REFLECTED CEILING		
F.DET.	FIELD DETERMINE	PLAN	PLAN		
FDTN.	FOUNDATION	R.D.	ROOF DRAIN		
F.E.	FIRE EXTINGUISHER	REF.	REFERENCE		

PROJECT GENERAL NOTES

1. THE USE OF THESE DOCUMENTS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. REUSE OR REPRODUCTION OF THE DOCUMENTS (WHOLE OR IN PART) FOR ANY OTHER PURPOSE IS PROHIBITED. SHREMSHOCK ARCHITECTS, INC. RETAIN ALL RIGHTS OF OWNERSHIP FOR THESE DOCUMENTS.
2. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS INCLUDING EMPLOYEES AND PROPERTY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL WORK AND FOR THE MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE OF CONSTRUCTION.
4. THE CONTRACTORS SHALL MAINTAIN, FOR THE ENTIRE DURATION OF THE WORK, ALL EXITS, EXIT LIGHTING, FIRE PROTECTION DEVICES, AND ALARMS IN CONFORMANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
5. THIS BUILDING SITE CONTAINS SOME SITE STRUCTURES OR OTHER SITE ELEMENTS WHICH ARE NOT SCHEDULED TO RECEIVE WORK AS A PART OF THIS PROJECT AND WHICH MAY NOT BE SPECIFICALLY SHOWN OR IDENTIFIED IN THE DRAWINGS. SHOULD SUCH STRUCTURES OR ELEMENTS BE ENCOUNTERED WHICH TEMPORARY OR PERMANENT RELOCATION TO ALLOW FOR THE NEW CONSTRUCTION AND/OR CONSTRUCTION MEANS AND METHODS, THE CONTRACTOR SHALL, TEMPORARILY OR PERMANENTLY AS IS APPROPRIATE, RELOCATE THE STRUCTURE OR ELEMENT, INCLUDING ALL NECESSARY UTILITY CONNECTIONS, AS REQUIRED. RELOCATION OF STRUCTURES OR ELEMENTS AND THEIR ASSOCIATED UTILITY CONNECTIONS TO ACCOMMODATE NEW CONSTRUCTION AND/OR CONSTRUCTION MEANS AND METHODS IS THE CONTRACTOR'S RESPONSIBILITY.
6. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BEGINNING WORK AND DILIGENTLY INSPECT AND EXAMINE THE SITE FOR THE THE PROJECT AND SURROUNDING AREA AND CAREFULLY CORRELATE THE RESULTS OF THE INSPECTION WITH THE CONTRACT DOCUMENTS. SHOULD THE CONTRACTOR DETERMINE ANY SITE STRUCTURES OR OTHER EXISTING SITE ELEMENTS REQUIRE TEMPORARY OR PERMANENT RELOCATION TO ACCOMMODATE NEW CONSTRUCTION AND/OR CONSTRUCTION MEANS AND METHODS HE SHALL COORDINATE SUCH RELOCATIONS WITH THE A/E, THE OWNER AND OTHER CONTRACTORS, AS REQUIRED, PRIOR TO BEGINNING WORK.

SYMBOLS

SYMBOL NAME	SYMBOL
ELEVATION REFERENCE	ELEVATION LETTER SHEET NUMBER
WALL/BUILDING SECTION REFERENCE	SECTION LETTER SHEET NUMBER
SECTION DETAIL REFERENCE	DETAIL LETTER SHEET NUMBER
ENLARGED PLAN/SECTION DETAIL REFERENCE	DETAIL LETTER SHEET NUMBER
REVISION SYMBOL	REVISION NUMBER
ELEVATION HEIGHT REFERENCE	HEIGHT (RELATIVE TO FINISH FLOOR) ITEM
CODED NOTE	CSI SPECIFICATION DIVISION NOTE NUMBER
ROOM NUMBER & NAME	ROOM NUMBER ROOM NAME

MATERIAL LEGEND

	EARTH
	GRANULAR FILL
	CONCRETE
	BRICK
	CONCRETE MASONRY (VARIES REFER TO PARTITION SCHEDULE)
	STONE
	MARBLE
	STEEL OR METAL
	WOOD, FINISH
	WOOD FRAMING, CONTINUOUS MEMBER
	WOOD BLOCKING, INTERRUPTED MEMBER
	PLYWOOD, EDGE
	GLASS
	ACOUSTIC TILE
	GYPSPUM BOARD
	BATT INSULATION
	RIGID INSULATION / E.I.F.S.
	CERAMIC TILE

NOTE: MATERIALS SHOWN ABOVE ARE FOR WALL SECTIONS AND/OR LARGE SCALE DETAILS ONLY. MATERIAL PATTERNS FOR SMALL SCALE PLANS AND/OR ELEVATIONS MAY VARY. REFER TO INDIVIDUAL LEGENDS AND/OR SCHEDULES FOR VARIATIONS.

BUILDING CODE SUMMARY

SUMMARY: • PROJECT CONSISTS OF REMODEL OF EXISTING TOILET ROOMS AND REPLACEMENT OF ROOF MEMBRANE.

APPLICABLE CODES:

OHIO BUILDING CODE (OBC)

OHIO PLUMBING CODE (OPC)

OHIO MECHANICAL CODE (OMC)

AMERICANS WITH DISABILITIES ACT (ADA / ADAAG)

B - BUSINESS, S2 - STORAGE

OBC SECTION 304

OBC SECTION 602.2

USE GROUP:

CONSTRUCTION TYPE:

II-B

INTERIOR WALL & CLG. FINISH REQUIREMENTS

OBC TABLE 803.5

USE GROUP : B, S2 (NON-SEPARATED MIXED USE)	CLASS
VERTICAL EXITS	B
EXIT ACCESS CORRIDORS	C
ROOMS & ENCLOSED SPACES	C

GENERAL BUILDING HEIGHTS AND AREAS: OBC TABLE 503:

ALLOWABLE

HEIGHT: 4 STORIES

AREA: 23,000 S.F.

PROVIDED

1 STORY (10'-6")

1,475 S.F.

OCCUPANT LOAD

OBC TABLE 1004.1.1

USE	AREA/GROSS	AREA/OCC.	OCC.
BUSINESS (TOILETROOM)	949	100	10
MECHANICAL	526	300	2
TOTALS	1,475	-	12

MINIMUM NUMBER OF EXITS: OBC TABLE 1015.1

REQUIRED: 1 (FOR OCCUPANCY B, MAX OCCUPANT LOAD 49)

PROVIDED: 2

DESIGN WIND LOADING

1. BASIC WIND SPEED

90 MPH.

2. WIND IMPORTANCE FACTOR

I.O

3. OCCUPANCY CATEGORY

II

4. WIND EXPOSURE CATEGORY

C

5. INTERNAL PRESSURE COEFFICIENT

+0.18, -0.18

6. COMPONENTS AND CLADDING:

a. ROOF

+14 PSF, -20 PSF

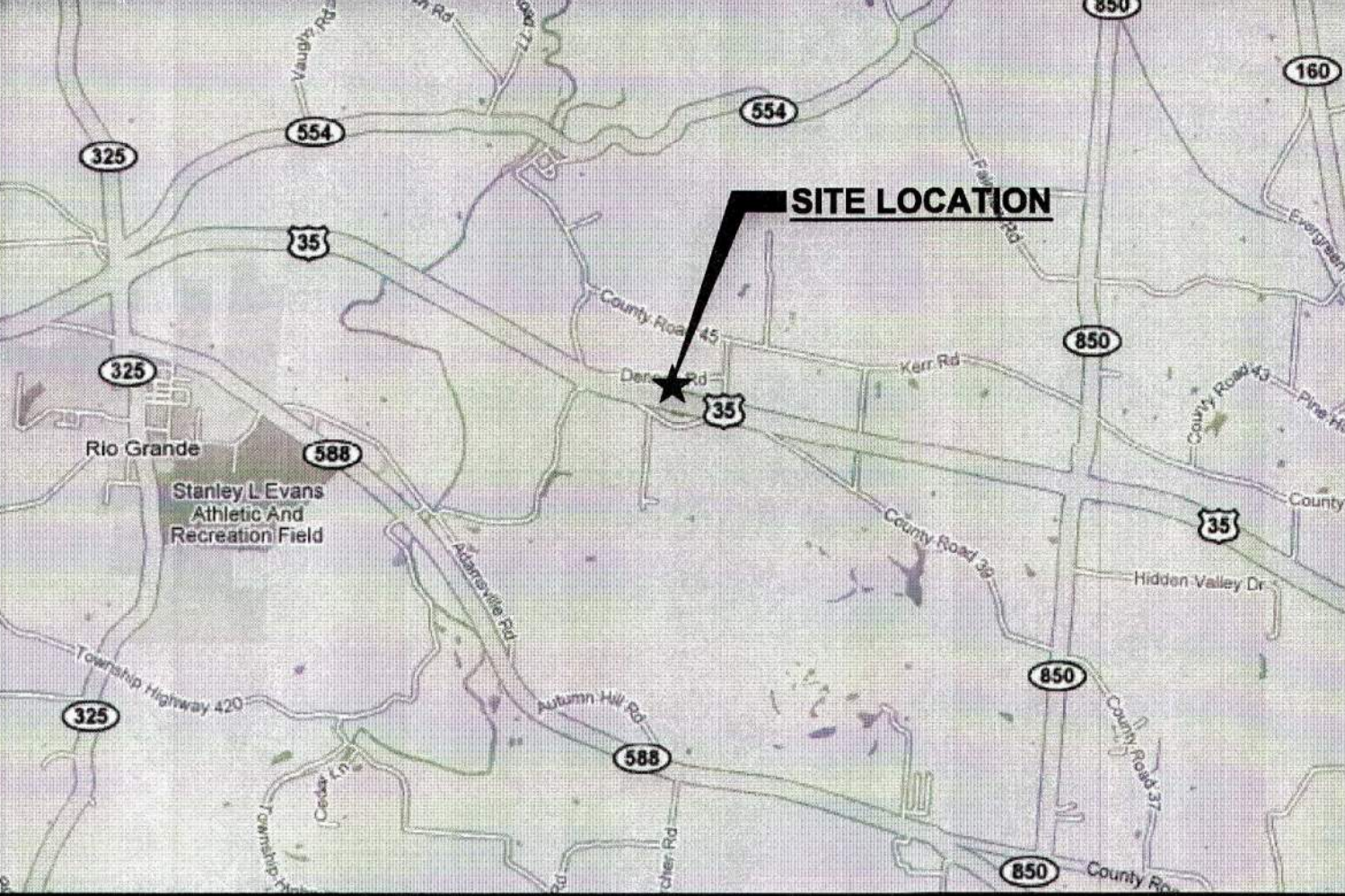
(ROOF CORNER ZONES +14 PSF, -52 PSF)

b. WALLS

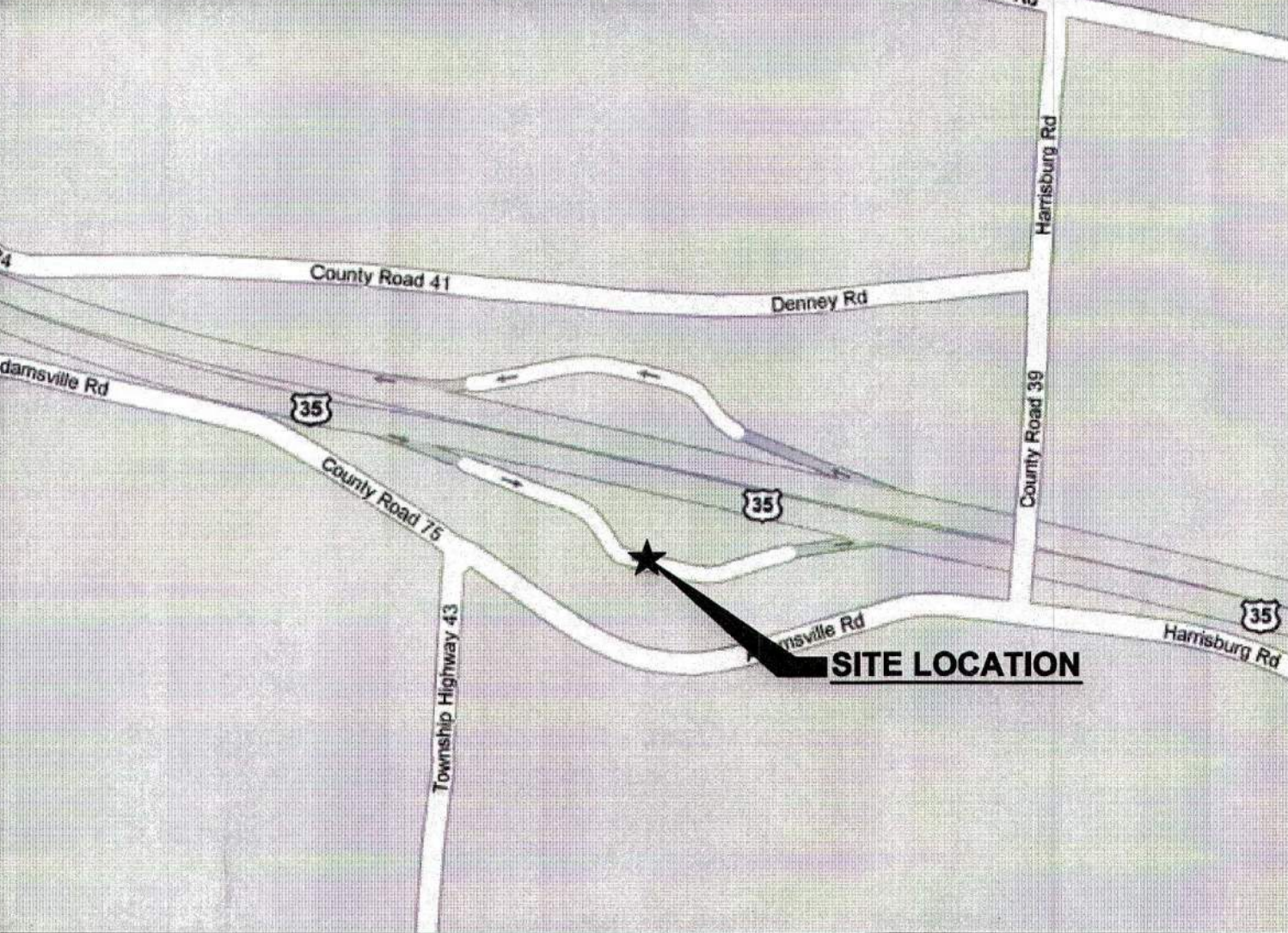
+19 PSF, -22 PSF

(WALL CORNER ZONES +19 PSF, -25 PSF)

VICINITY MAP



SITE LOCATION



SHEET INDEX

SHEET #	SHEET DESCRIPTION
G1.1	TITLE SHEET
G1.2	INDEX SHEET
A1.1	DEMOLITION & FLOOR PLANS
A2.1	EXTERIOR ELEVATIONS
A3.1	WALL SECTIONS
A4.1	EXTERIOR DETAILS
A5.1	ROOM FINISH & PARTITION SCHEDULES
A6.1	DOOR & WINDOW SCHEDULES
A6.2	DOOR & WINDOW DETAILS
A8.1	REFLECTED CEILING PLAN
A9.1	NOTES & SCHEDULES
A9.2	INTERIOR DETAILS
A10.1	ROOF PLAN
P1.1	FIRST FLOOR PLUMBING DEMOLITION PLAN
P2.1	FIRST FLOOR AND ROOF LEVEL PLUMBING PLAN
H1.1	FIRST FLOOR HVAC DEMOLITION PLAN
H2.1	FIRST FLOOR HVAC PLAN
E1.1	FIRST FLOOR ELECTRICAL DEMOLITION PLAN
E2.1	FIRST FLOOR LIGHTING AND POWER PLAN
E3.1	ELECTRICAL DETAILS AND SCHEDULES

SCHEDULE INDEX

DESCRIPTION	SHEET	PLAN REF.	REMARKS
DIVISION 7			
JOINT SEALANT SCHEDULE	A9.1	-	
BUILDING INSULATION SCHEDULE	A9.1	I-#	
DIVISION 8			
DOOR SCHEDULE	A6.1	D-#	
WINDOW SCHEDULE	A6.1	W-#	
DIVISION 9			
PARTITION SCHEDULE	A5.1	-	
ROOM FINISH SCHEDULE	A5.1	-	
DIVISION 10			
ACCESSORY SCHEDULE	A9.1	A-#	
SPECIALTY SCHEDULE	A9.1	SP-#	

INDEX SHEET

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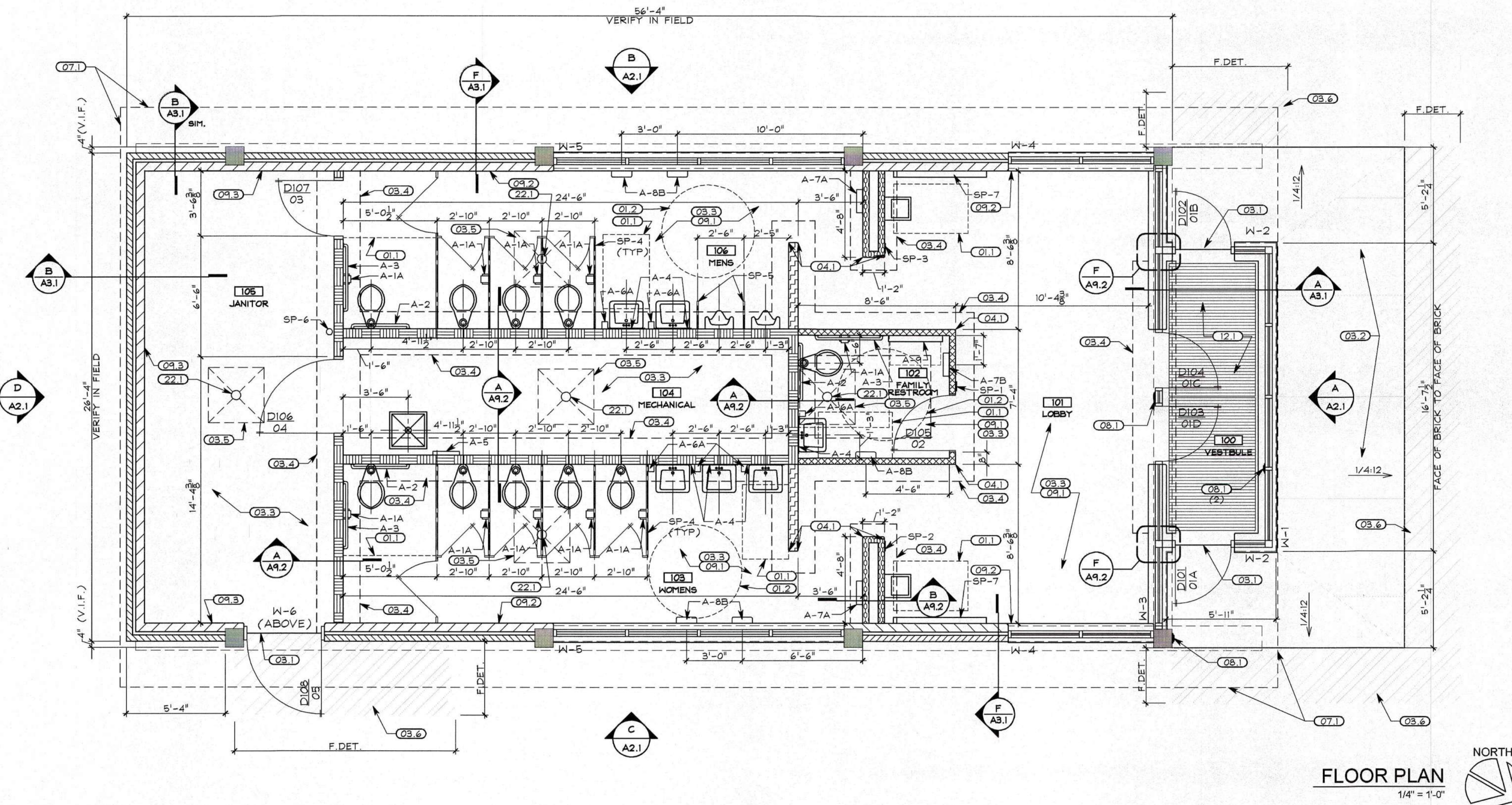
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AREA NO. 103, DISTRICT 10
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DRAWN BY: ROB CHECKED BY: ROJ/KRA

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GENERAL NOTES: DEMOLITION PLAN

- G.C. SHALL REVIEW ALL EXISTING CONDITIONS. THE G.C. SHALL NOTIFY THE ARCHITECT IN WRITING IMMEDIATELY UPON DISCOVERY OF CONDITIONS DIFFERING FROM INFORMATION SHOWN ON THESE DOCUMENTS HEREIN.
- IF THE G.C. ENCOUNTERS MATERIALS THAT ARE SUSPECTED OF CONTAINING HAZARDOUS MATERIALS, DO NOT DISTURB. THE G.C. SHALL NOTIFY THE OWNER IMMEDIATELY IN WRITING.
- THE OWNER RESERVES THE "RIGHT OF FIRST REFUSAL" FOR ALL ITEMS REMOVED FROM THE BUILDING. (CONTRACTOR TO COORDINATE WITH OWNER)
- ALL DEMOLISHED ITEMS NOT SCHEDULED FOR REINSTALLATION SHALL BE REMOVED FROM THE SITE AT THE END OF EACH WORK DAY. STORAGE AND/OR SALE OF DEMOLISHED ITEMS ON SITE IS STRICTLY PROHIBITED.
- ALL EXISTING CONSTRUCTION NOT SCHEDULED FOR DEMOLITION BUT DAMAGED DURING DEMOLITION ACTIVITIES SHALL BE PATCHED, RECONSTRUCTED, AND/OR REPLACED TO MATCH EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF NEW WORK.
- ALL CONCRETE AND MASONRY DEMOLITION SHALL BE SAW CUT FULL DEPTH AT JUNCTURE WHERE CONSTRUCTION IS TO REMAIN.
- G.C. TO SECURE AND PROTECT CONSTRUCTION SITE BY TAKING ALL PRECAUTIONARY MEASURES NECESSARY IN CONFORMANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- G.C. SHALL BE RESPONSIBLE FOR TEMPORARY SHORING, BRACING AND STRUCTURAL SUPPORT TO PRESERVE THE STABILITY OF AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF CONSTRUCTION TO BE DEMOLISHED AS WELL AS CONSTRUCTION TO REMAIN.
- REFER TO PLUMBING DRAWINGS FOR PLUMBING DEMOLITION INFORMATION.
- REFER TO HVAC DRAWINGS FOR HVAC DEMOLITION INFORMATION.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHTING AND POWER DEMOLITION INFORMATION.
- G.C. IS RESPONSIBLE FOR DEMOLITION AND FOR COORDINATION OF DISCONNECTS OF MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS WHICH ARE TO BE MADE BY EACH RESPECTIVE TRADE CONTRACTOR.

GENERAL NOTES: FLOOR PLAN

- REFER TO SHEET G1.2 FOR ALL ABBREVIATIONS AND SYMBOLS.
- VERIFY ALL EQUIPMENT OPENINGS & LOCATIONS. EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. LOCATIONS AND SIZES SHOWN ARE FOR INTENT PURPOSES ONLY. ADJUST ROUGH OPENINGS AND LOCATIONS AS REQUIRED PER ACTUAL EQUIPMENT.
- DOOR JAMBS ARE 4" FROM NEAREST ADJACENT INTERSECTING PARTITION UNLESS NOTED OTHERWISE. SEE DOOR DETAILS FOR FURTHER INFORMATION.
- G.C. TO PROVIDE ALL IN-WALL OR IN-CEILING BLOCKING/BRACING AS REQUIRED FOR ALL MILLWORK ITEMS, EQUIPMENT, SHELVING, AND ACCESSORIES WHETHER ITEMS ARE BY G.C. OR OTHERS.
- REINSTALL/PATCH AS REQUIRED ON EXISTING FINISH MATERIALS SURROUNDING NEW CONSTRUCTION AS NECESSARY TO NEATLY JOIN EXISTING CONDITIONS TO NEW CONSTRUCTION.
- PROVIDE STEEL LINTELS OVER OPENINGS IN MASONRY WALLS WHERE TOP OF OPENINGS IS NOT AT UNDERSIDE OF EXISTING ROOF STRUCTURE AND IS LOCATED IN A NON PUBLIC AREA. PROVIDE (2) 1/4" DIA. BOLT BACK TO BACK WITH 1/4" WID. TO MASONRY TO BEARING AT EACH END. SEE DETAIL A/6.2. PROVIDE (2) L3 1/2"x2 1/2"x1/4" (LLV) BACK-TO-BACK FOR 6" MASONRY WITH 6" BEARING AT EACH END.
- BUILD ALL NEW MASONRY WALLS TIGHT TO THE UNDERSIDE OF THE EXISTING ROOF STRUCTURE AND MORTAR COURSE FULL WIDTH, BETWEEN TOP COURSE OF C.M.U. AND UNDERSIDE OF EXISTING ROOF STRUCTURE.

CODED NOTES: DEMOLITION PLANS

DIVISION 02 - EXISTING CONDITIONS

- REMOVE DOOR, FRAME, AND ALL ASSOCIATED HARDWARE IN ITS ENTIRETY.
- REMOVE EXISTING OVERHEAD DOOR, TRACKS, OPERATOR AND ALL ASSOCIATED HARDWARE.
- REMOVE EXISTING SLAB ON GRADE IN ITS ENTIRETY. REMOVE TOP COURSE OF FOUNDATIONS BELOW SLAB TO A MINIMUM OF 1'-4" BELOW EXISTING TOP OF FINISHED FLOOR.
- REMOVE FLOOR DRAIN. SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING SINK.
- REMOVE EXISTING DOOR AND POWERED OPERATOR.
- REMOVE BASEBOARD HEATERS AND ALL ASSOCIATED EQUIPMENT IN ITS ENTIRETY.
- REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, ALL TOILET ACCESSORIES, GRAB BARS, AND MIRRORS IN THEIR ENTIRETY.
- REMOVE WALL MOUNTED TELEPHONE AND SURROUND CABINET.
- REMOVE EXISTING DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS.
- REMOVE EXISTING WALL IN ITS ENTIRETY OR AS INDICATED IN HALL SECTIONS AND DETAILS.
- REMOVE WALL MOUNTED HAND DRYERS AND TRASH RECEPTACLES IN THEIR ENTIRETY.
- REMOVE HANDICAP DOOR OPERATOR SWITCH AND HANDRAIL OR POST.
- REMOVE EXISTING WINDOW IN ITS ENTIRETY.
- SITE ITEMS INCLUDING BUT NOT LIMITED TO BENCHES, TRASH RECEPTACLES, DECORATIVE STONES, AND ASH CANS SHALL BE RELOCATED TO A DESIGNATED LOCATION DETERMINED BY THE OWNER.
- FIELD VERIFY LOCATION OF EXISTING VENDING MACHINE KIOSKS AND DETERMINE REQUIREMENTS FOR RELOCATION TO ACCESS STRUCTURE FOR DEMOLITION AND NEW CONSTRUCTION. COORDINATE REMOVAL AND RELOCATION WITH OWNER.
- REMOVE EXISTING HOSE BIB.
- DASHED LINE INDICATES EXTENT OF EXISTING ROOF ABOVE TO REMAIN. SEE SHEET A10.1 FOR ROOF DEMOLITION PLAN.
- REMOVE VENTILATION FAN AND ALL ASSOCIATED HARDWARE IN ITS ENTIRETY.
- REMOVE EXISTING SHELVING AND CABINETS.
- REMOVE CEILING/WALL MOUNTED HEATER UNIT AND ELECTRICAL. SEE PME DRAWINGS.
- REMOVE EXISTING DOWNSPOUT.
- REMOVE FIRE EXTINGUISHER.
- REMOVE ELECTRICAL ITEM. SEE ELECTRICAL DRAWINGS.
- REMOVE DUCTWORK ABOVE.
- REMOVE SIGNAGE.
- REMOVE EXISTING CONCRETE COLUMN TO REMAIN.
- REMOVE EXISTING BROCHURE/REGISTRY MILLWORK.
- REMOVE EXISTING SIDEWALK/PATIO AS INDICATED BY DASHED LINES. EXISTING FOUNDATION AT PERIMETER OF PATIO TO REMAIN UNDISTURBED.
- REMOVE CONCRETE SIDEWALK/DRIVEWAY AS REQUIRED.
- REMOVE REFRIGERATOR. COORDINATE WITH OWNER.
- REMOVE EXISTING PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING ELECTRICAL TRANSFORMER. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING ELECTRICAL/TELEPHONE VAULTS. PROVIDE PROTECTION DURING DEMOLITION AND CONSTRUCTION.
- REMOVE EXISTING WALL IN ITS ENTIRETY. REMOVE FOUNDATION/FOOTER AS REQUIRED FOR INSTALLATION OF NEW WALL.

CODED NOTES: FLOOR PLANS

DIVISION 01 - GENERAL REQUIREMENTS

- REQUIRED FIXTURE CLEAR AREA FOR HANDICAP ACCESSIBILITY.
- MAINTAIN REQUIRED TURNING RADIUS PER APPLICABLE CODES.

DIVISION 03 - CONCRETE

- (3) #4 BARS, 12" LONG CENTERED AT MID DEPTH OF EXISTING CONCRETE SLAB, SPACED EQUALLY ACROSS WIDTH OF DOOR, DRILL AND EPOXY 6" DEEP INTO EXISTING CONCRETE SLAB.
- NEW CONCRETE PATIO, MIN. 6" THICK CONC. OVER GRAVEL BASE. TIE INTO EXISTING FOUNDATION AT PERIMETER.
- NEW 4" CONCRETE SLAB REINFORCED WITH 6"x6" W1.4 \ W1.4 WELDED WIRE FABRIC PLACED AT MID DEPTH OF SLAB.
- 24" x 8" THICKENED SLAB WITH (2) #5 REBAR CONTINUOUS IN DIRECTION OF WALL.
- SLOPE FLOOR 1/8" PER FOOT TOWARD FLOOR DRAINS 3'-0" AROUND FLOOR DRAINS.
- REPLACE PORTION OF EXISTING SIDEWALK(S) AS REQUIRED TO MEET PERIMETER ELEVATION OF NEW PATIO/FLOOR SLAB OR NEW BUILDING SLAB AT JANITOR ROOM, RESLOPE AND/OR WARP AS NECESSARY TO ADJOIN REMAINING PORTIONS OF EXISTING WALKS TO NEW SLAB ELEVATIONS. SEE SIDEWALK DETAILS C/D & A3.1. EXTENT OF ALL CONCRETE WORK BEYOND THE BUILDING ENVELOPE AND BUILDING ENTRANCE PATIO SLAB TO BE APPROVED BY THE A/E AND THE OWNER PRIOR TO CONSTRUCTION. REFER ALSO TO SPECIFICATIONS FOR SITE CONCRETE ALLOWANCES AND UNIT PRICES FOR THIS WORK.

DIVISION 04 - MASONRY

- BULLNOSE GLAZED C.M.U. AT ALL EXPOSED CORNERS.

DIVISION 07 - THERMAL & MOISTURE PROTECTION

- DASHED LINE INDICATES EXTENT OF EXISTING ROOF EAVE ABOVE TO REMAIN.

DIVISION 08 - OPENINGS

- AUTOMATIC DOOR OPERATOR PUSH PLATE, LOCATE CENTER AT 28" AFF TYPICALLY WHERE 2 PUSH PLATES ARE INDICATED AT 28" AFF. INSTALL 1/4" DIA. AFF. INST. W/ 1/4" DIA. CONDUITS INSIDE OF MULLION OR CLOSURE PANEL. INSTALL SURFACE MOUNTED AT CONCRETE COLUMNS AND PAINT CONDUIT TO MATCH CONCRETE COLUMNS WHERE WINDOW MULLIONS DO NOT EXIST.

DIVISION 09 - FINISHES

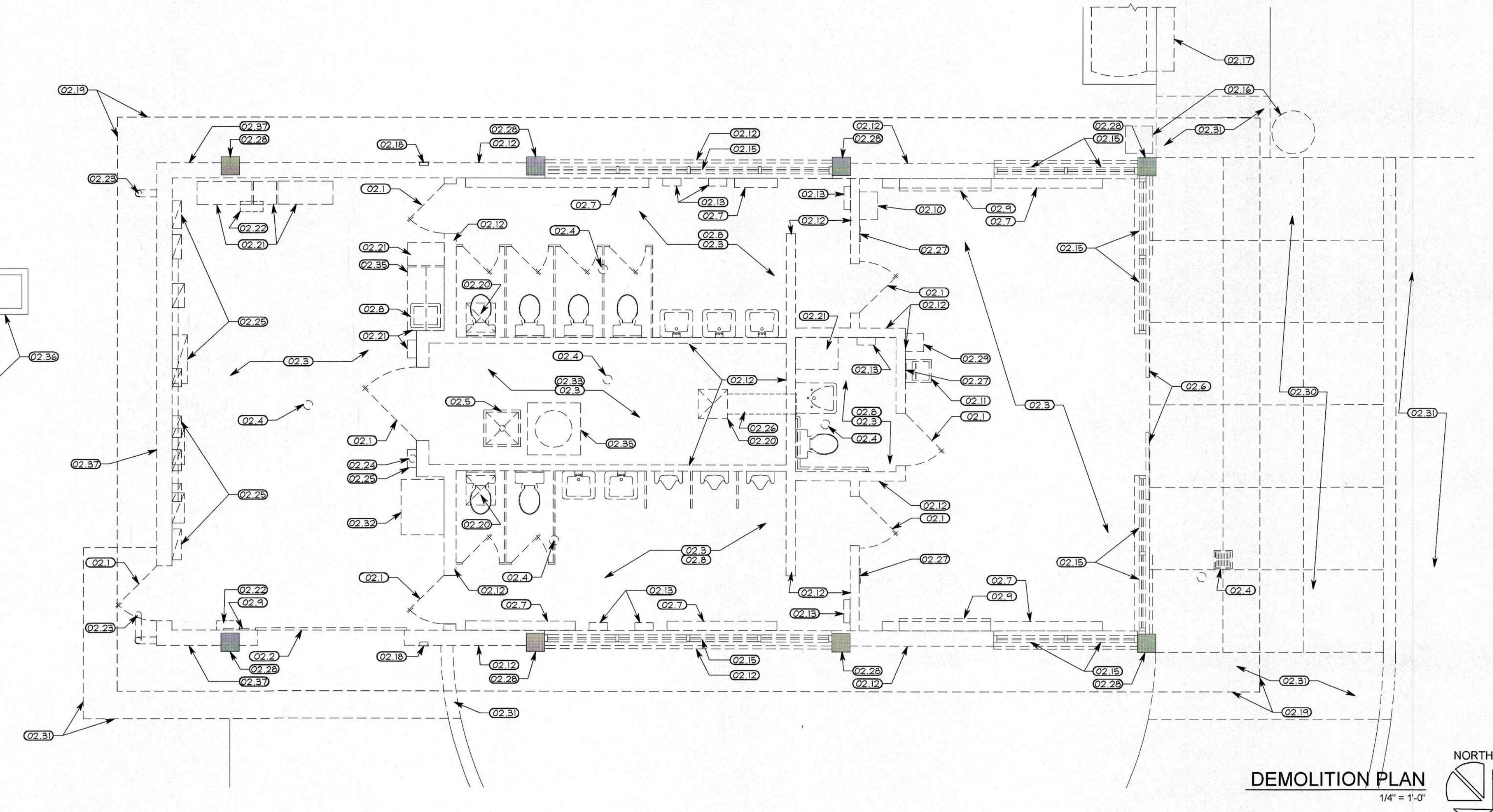
- TERRAZZO FLOORING SYSTEM. SEE SPECIFICATIONS FOR CONCRETE SLAB PREPARATION AND INSTALLATION INFORMATION.
- GLAZED CMU INTERIOR FINISH.
- PAINTED CMU INTERIOR FINISH.

DIVISION 12 - FURNISHINGS

- ROLL UP GRID WALK-OFF MAT W/ FRAME. SEE DETAIL D/A9.2

DIVISION 22 - PLUMBING

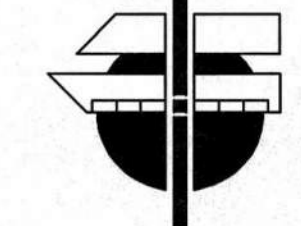
- FLOOR DRAIN. SEE PLUMBING DRAWINGS



REVISIONS:
RECORD DOCUMENTS

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DOT-09000507
REST AREAS RENOVATIONS
AREA NO. 1035, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

DEMOLITION & FLOOR PLANS

DRAWN BY: RCB CHECKED BY: RG/JKR
SAI # 09061702
DRAWING NUMBER: A1.1

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GENERAL NOTES

1. PREP SUBSTRATES AND INSTALL FINISHES PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

CODED NOTES: EXTERIOR ELEVATIONS

DIVISION 02 - EXISTING CONDITIONS

02.1 - EXISTING CONCRETE COLUMN TO REMAIN. PATCH AS REQUIRED, CLEAN AND PAINT.
02.2 - EXISTING FOUNDATION. DO NOT DISTURB UNLESS NOTED OTHERWISE.
02.3 - EXISTING CONCRETE BEAM TO REMAIN. PATCH AS REQUIRED, CLEAN AND PAINT.
02.4 - CLEAN AND PAINT UNDERSIDE OF EXISTING CONCRETE ROOF DECK.

DIVISION 03 - CONCRETE

03.1 - CONCRETE FOUNDATION/FOOTING
03.2 - PRECAST CONCRETE SILL

DIVISION 04 - MASONRY

04.1 - 4" BRICK VENEER, MATCH COLOR AND SIZE TO EXISTING.

DIVISION 07 - THERMAL & MOISTURE PROTECTION

07.1 - SINGLE PLY ROOF MEMBRANE
07.2 - METAL FASCIA WRAP AND TRIM.
07.3 - NEW ROOF SCUPPER, DOWNSPOUT AND CONDUCTOR HEAD.

DIVISION 08 - OPENINGS

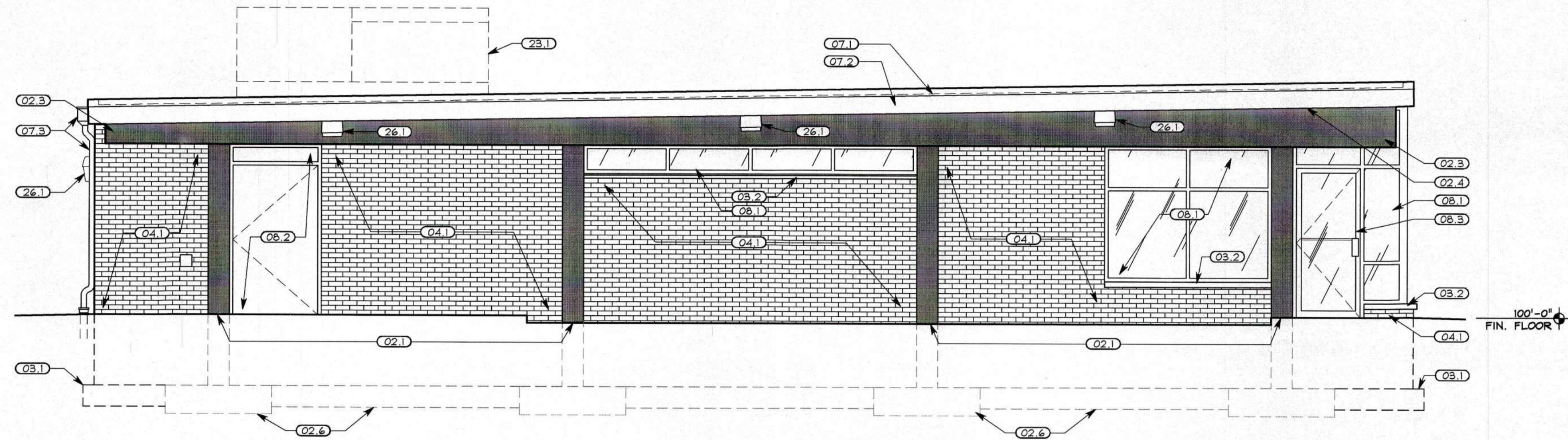
08.1 - ALUMINUM STOREFRONT WINDOW SYSTEM. SEE WINDOW SCHEDULE.
08.2 - HOLLOW METAL DOOR, FRAME, AND TRANSOM. SEE DOOR SCHEDULE.
08.3 - ALUMINUM STOREFRONT DOOR. SEE DOOR SCHEDULE.

DIVISION 23 - HVAC

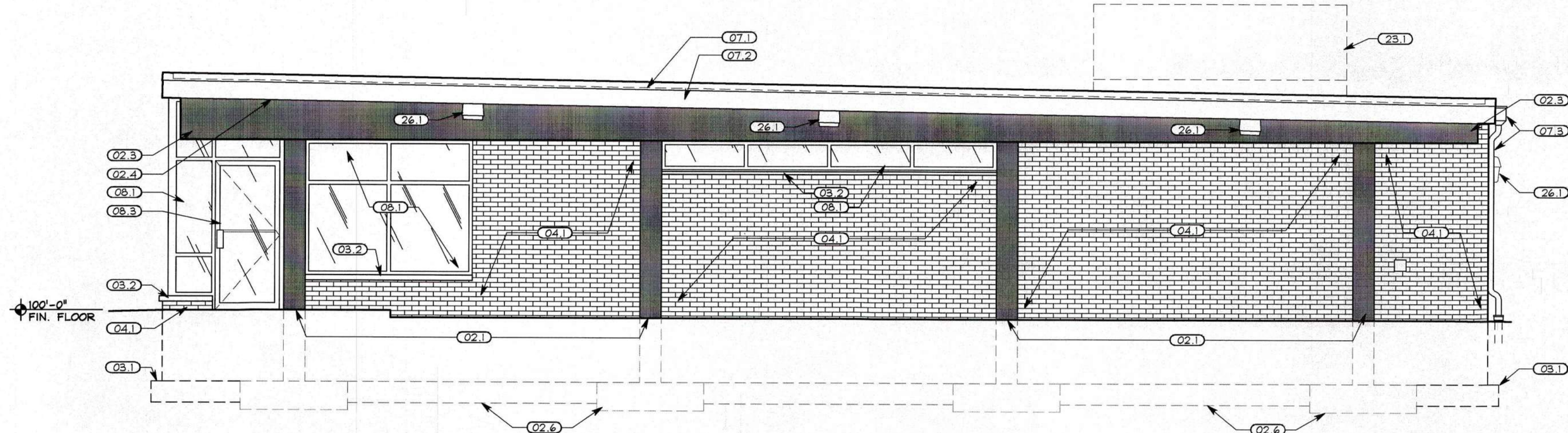
23.1 - NEW ROOF TOP EQUIPMENT. SEE HVAC SHEETS FOR ADDITIONAL INFORMATION

DIVISION 26 - ELECTRICAL

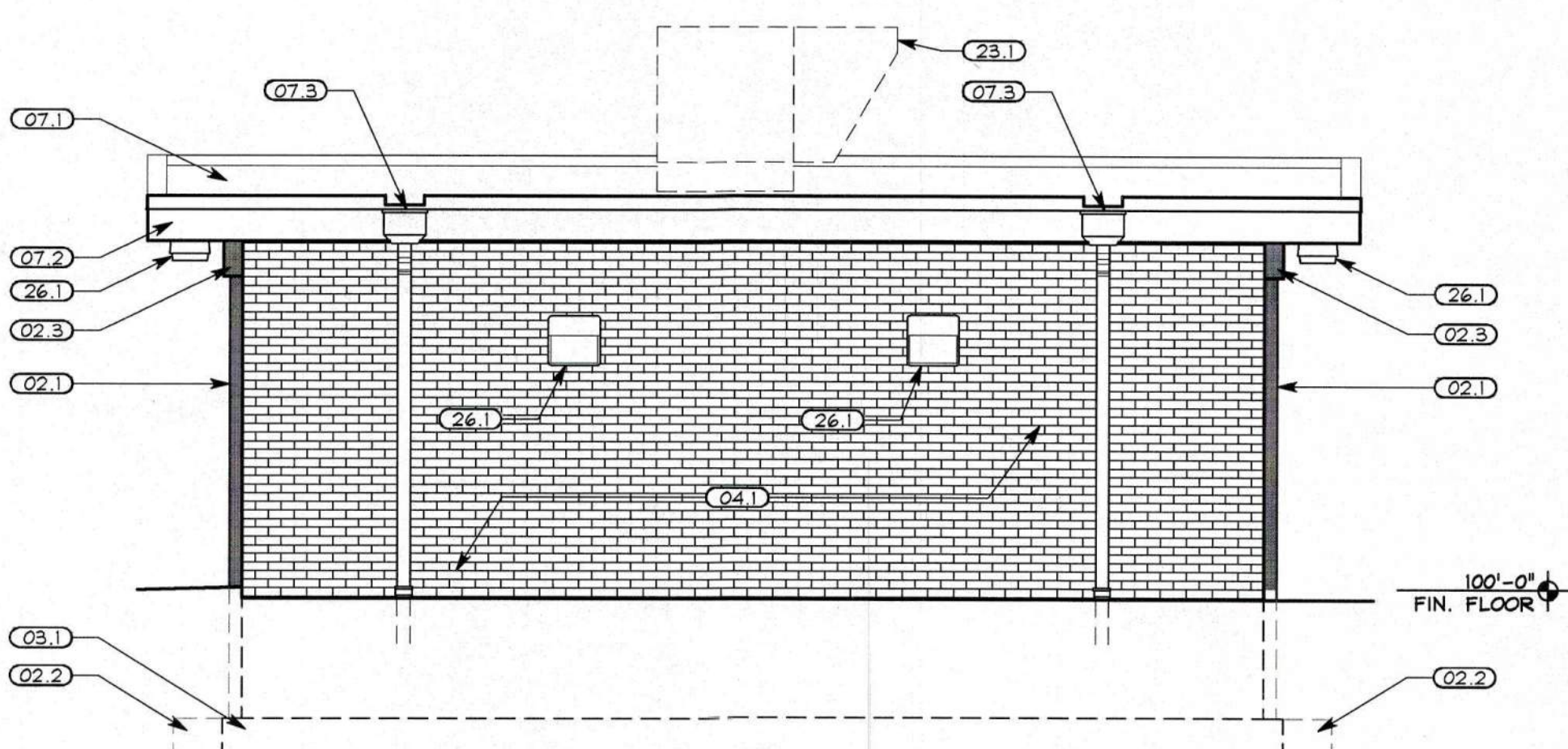
26.1 - LIGHT FIXTURE. SEE ELECTRICAL SHEETS



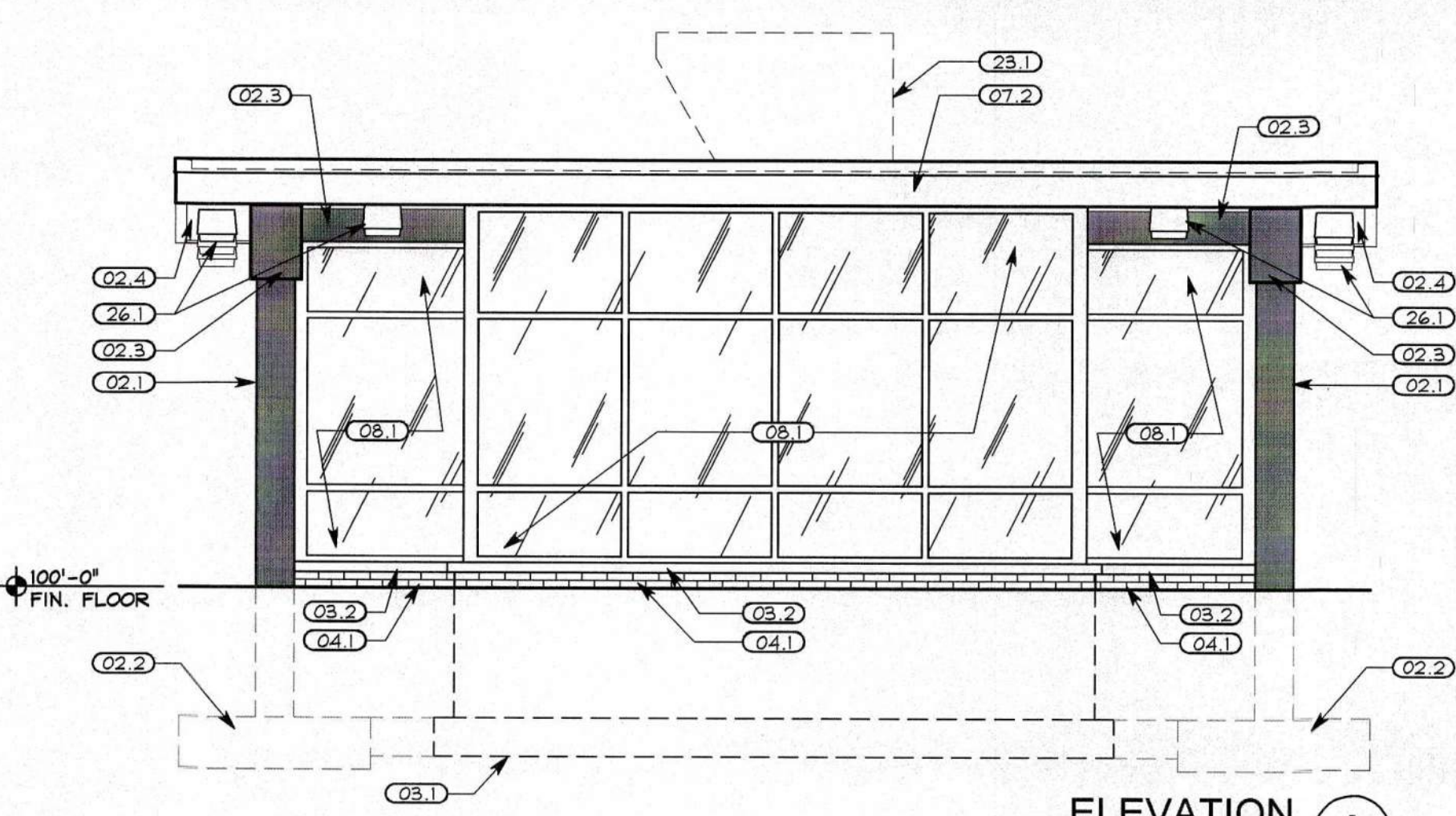
ELEVATION C
1/4" = 1'-0"



ELEVATION B
1/4" = 1'-0"

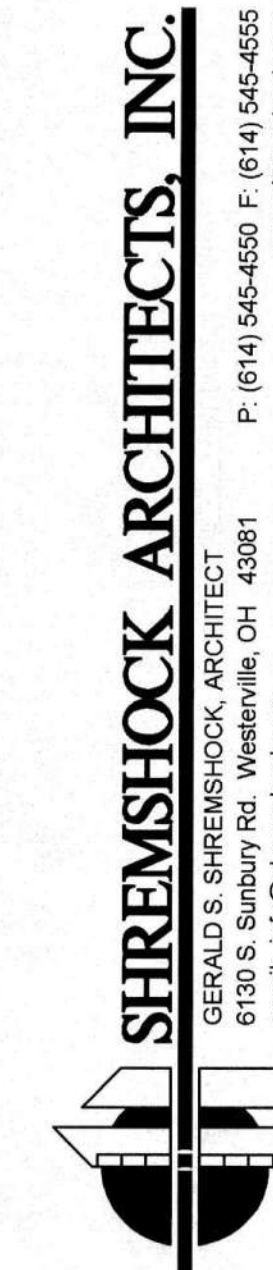


ELEVATION D
1/4" = 1'-0"



ELEVATION A
1/4" = 1'-0"

REVISIONS:
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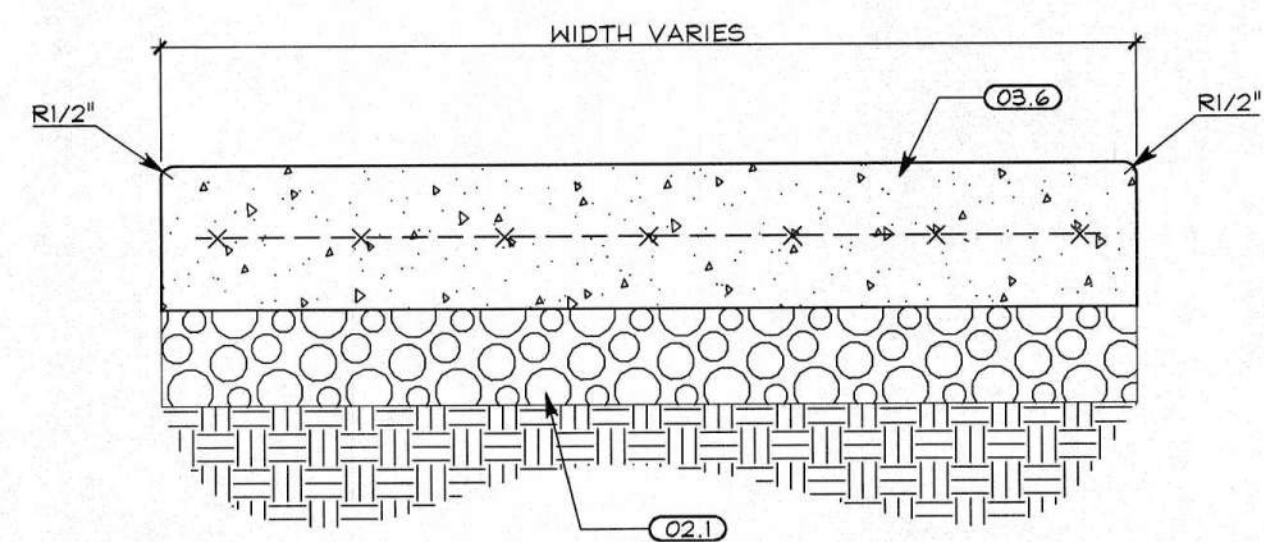
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REST AREAS RENOVATIONS
AREA NO. 1035, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

EXTERIOR ELEVATIONS

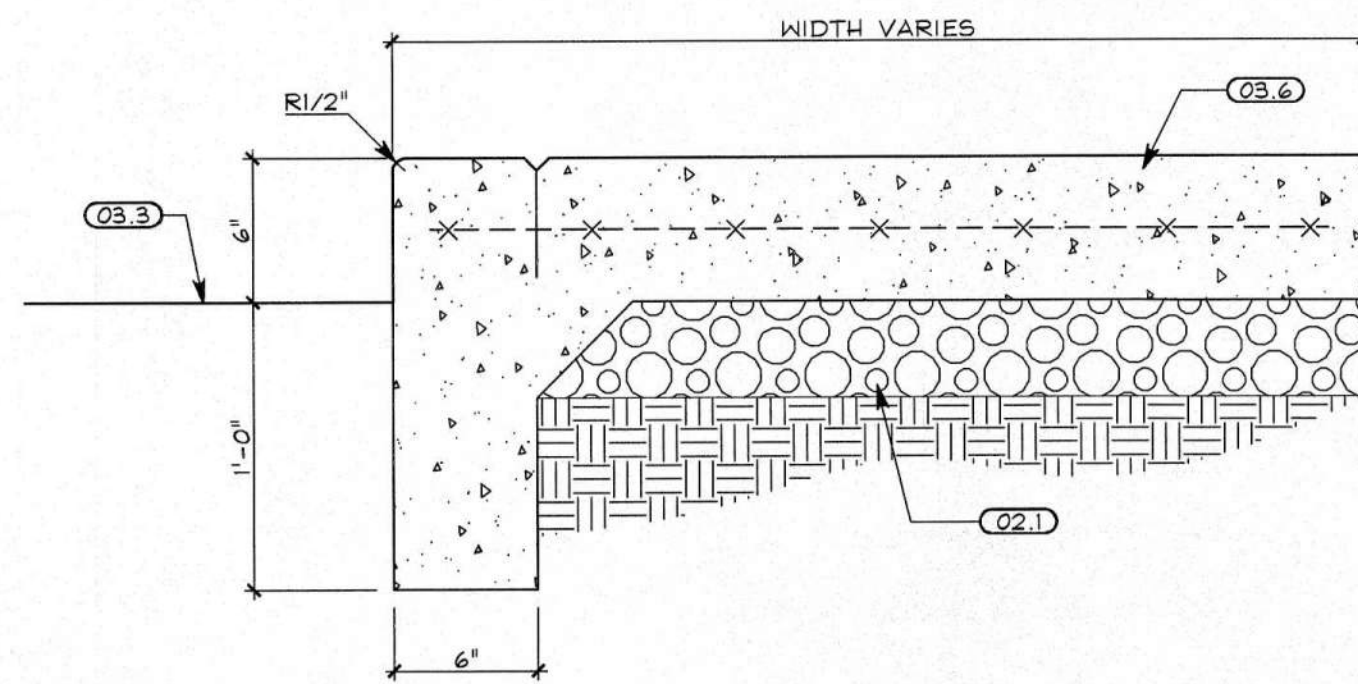
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SAI # 09061702
DRAWING NUMBER:
A2.1

DRAWN BY: RCB CHECKED BY: RGJ/KRA

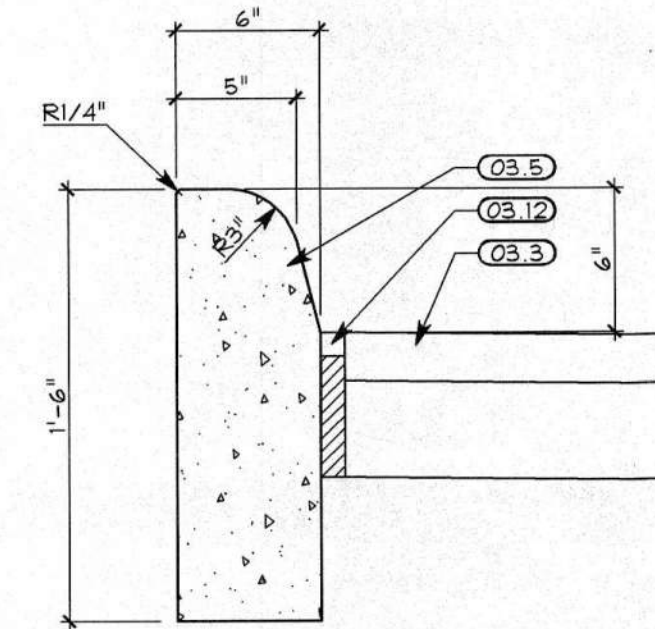
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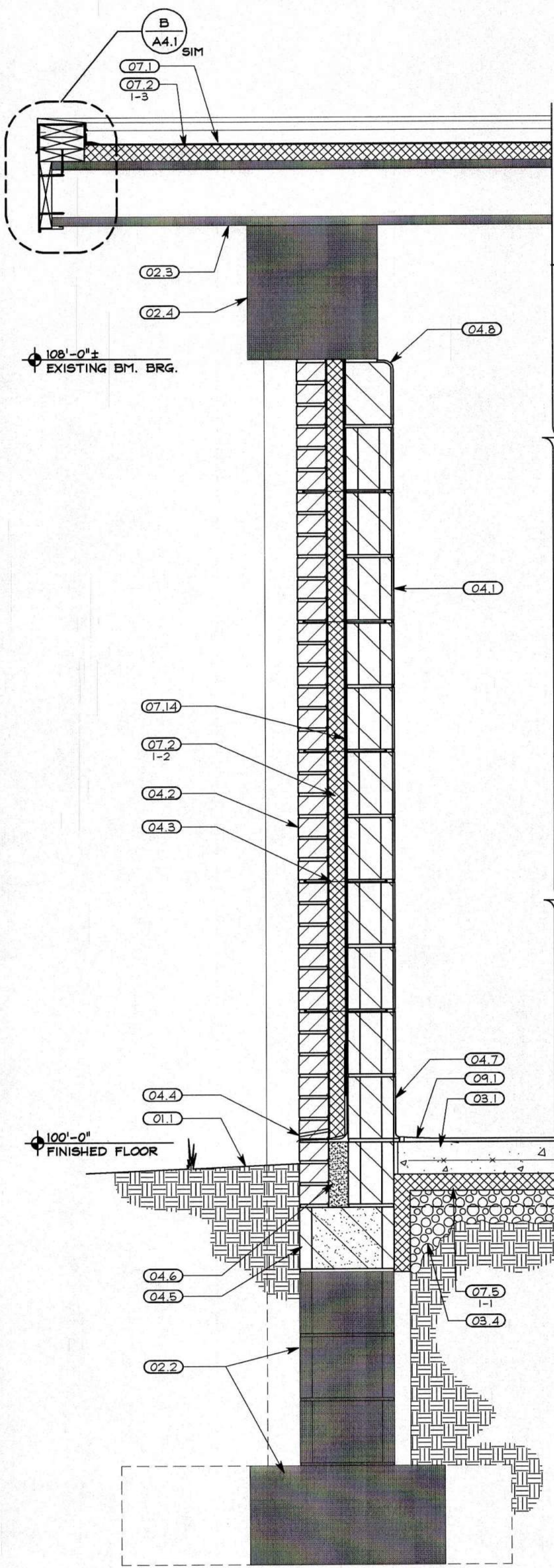
SIDEWALK DETAIL E
1 1/2" = 1'-0"



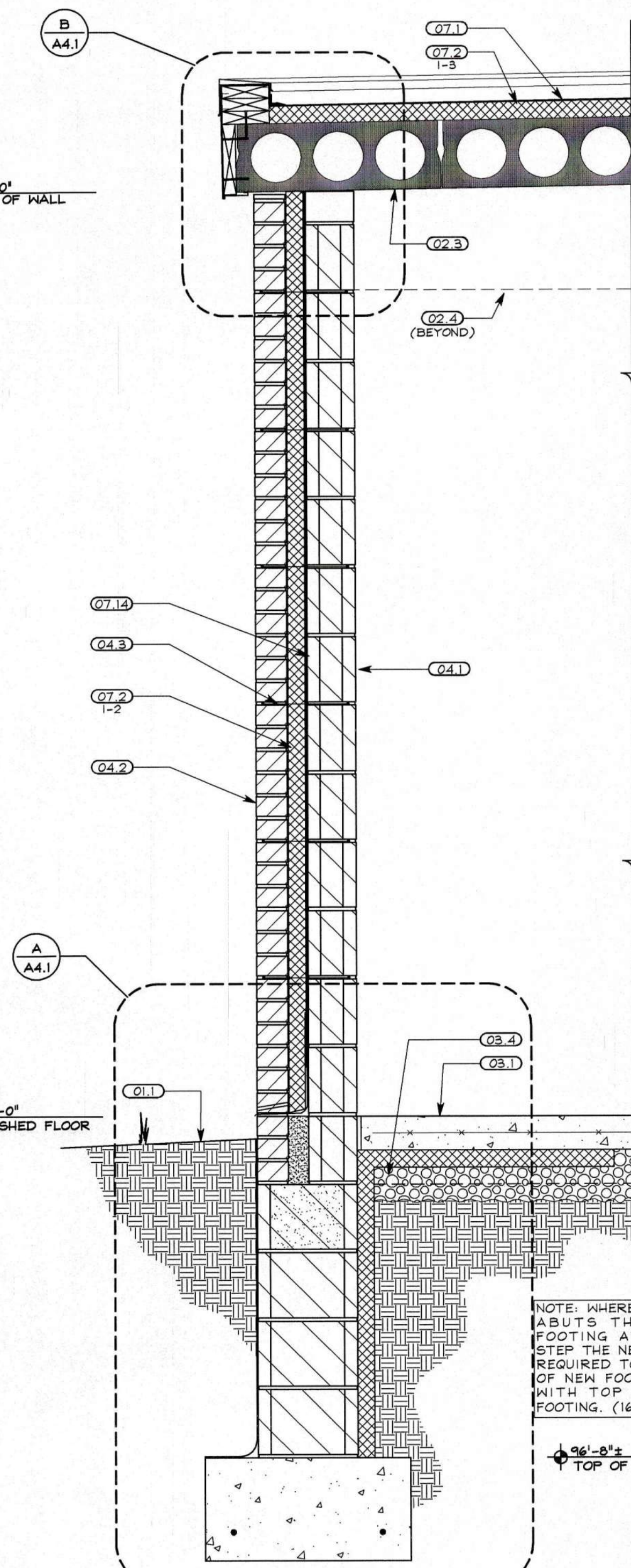
SIDEWALK DETAIL D
1 1/2" = 1'-0"



SIDEWALK DETAIL C
1 1/2" = 1'-0"



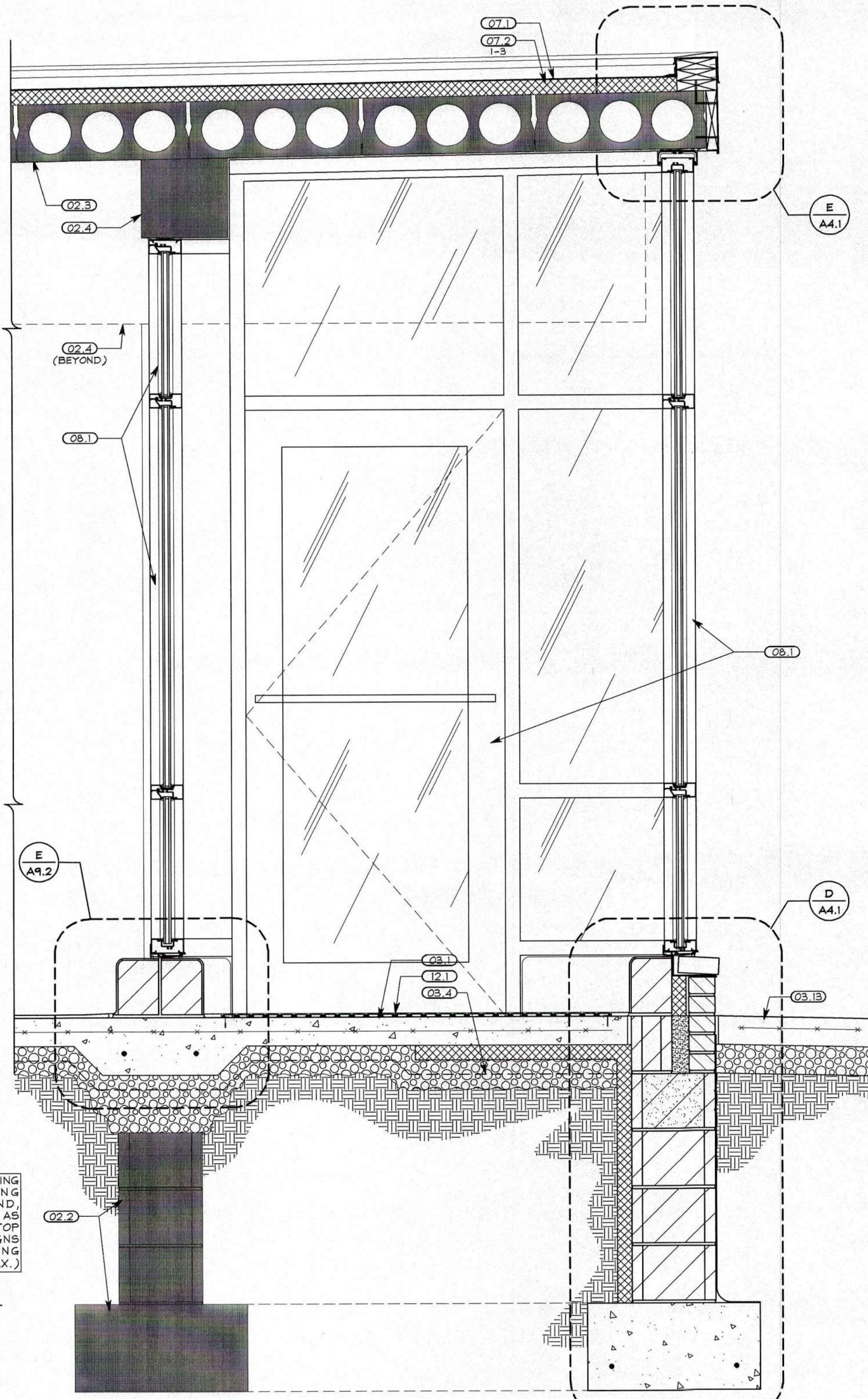
WALL SECTION F
1" = 1'-0"



WALL SECTION B
1" = 1'-0"

NOTE: WHERE NEW FOOTING ABUTS THE EXISTING FOOTING AT EACH END, STEP THE NEW FOOTING AS REQUIRED TO ENSURE TOP OF NEW FOOTINGS ALIGNS WITH TOP OF EXISTING FOOTING. (16" STEP, MAX.)

100'-0" TOP OF FOOTER



WALL SECTION A
1" = 1'-0"

GENERAL NOTES: EXTERIOR DETAILS

1. REFER TO FLOOR PLAN AND DOOR AND WINDOW SCHEDULES FOR ADDITIONAL INFORMATION.
2. REFER TO INSULATION SCHEDULE (A9.1) FOR ALL INSULATION TYPES.
3. REFER TO GENERAL FLASHING NOTES (A9.1) FOR FLASHING REQUIREMENTS.

CODED NOTES: EXTERIOR DETAILS

DIVISION 01 - GENERAL REQUIREMENTS

- 01.1 - FINISHED GRADE

DIVISION 02 - EXISTING CONDITIONS

- 02.1 - EXISTING COMPACTED FILL, RE-LEVEL AS REQUIRED FOR NEW CONCRETE POUR.
02.2 - EXISTING CONCRETE FOUNDATION AND FOOTER, DO NOT DISTURB UNLESS OTHERWISE NOTED
02.3 - EXISTING CONCRETE ROOF DECK, CLEAN AND REFINISH, REFER TO FINISH SCHEDULE
02.4 - EXISTING PRECAST CONCRETE BEAM, CLEAN AND REFINISH, REFER TO FINISH SCHEDULE

DIVISION 03 - CONCRETE

- 03.1 - NEW 4" CONCRETE SLAB REINFORCED WITH 6"x6"-W1.4W1.4 WELDED WIRE FABRIC PLACED AT MID-DEPTH OF SLAB.
03.2 - 2'-0" X 1'-0" CONCRETE FOOTING CENTERED UNDER C.M.U. FOUNDATION WALL W/ (2) #5 REBAR CONTINUOUS
03.3 - PAVEMENT
03.4 - 4" GRAVEL BASE WITH VAPOR BARRIER AT MID DEPTH FOR INTERIOR SLABS.
03.5 - CONCRETE CURB
03.6 - NEW 6" CONCRETE SIDEWALK REINFORCED WITH 6"x6"-W1.4W1.4 WELDED WIRE FABRIC PLACED AT MID-DEPTH OF SLAB
03.7 - 6"x6"-W1.4W1.4 WELDED WIRE FABRIC
03.8 - #3 BARS AT 8" O.C. (3) MIN. PER OPENING
03.9 - #3 DOWEL BENT, PROVIDE AT EACH CORE, BUT NO LESS THAN (3) FROM EACH SIDE.
03.10 - FIELD PLUG EXISTING CORES, TYP.
03.11 - PRECAST CONCRETE SILL
03.12 - EXPANSION JOINT AND SEALANT.
03.13 - CONCRETE SIDEWALK, SEE DETAILS C,D, AND E/A3.1. REFER TO SPECIFICATIONS FOR UNIT PRICE AND ALLOWANCES.

DIVISION 04 - MASONRY

- 04.1 - 6" CONCRETE MASONRY UNIT, REFER TO FLOOR PLANS AND FINISH SCHEDULE FOR LOCATIONS OF GLAZED C.M.U. OR PAINTED C.M.U. AT EXTERIOR WALLS
04.2 - 4" STANDARD FACE BRICK
04.3 - HORIZONTAL MASONRY REINFORCEMENT @ 16" O.C.
04.4 - THRU-WALL FLASHING W/ KEEPS @ 24" O.C.
04.5 - 12" C.M.U. WITH CONTINUOUS SOLIDLY GROUTED TOP COURSE.
04.6 - GROUT CAVITY SOLID TOP OF FOUNDATION TO FINISHED FLOOR
04.7 - GLAZED C.M.U. WITH COVE BASE
04.8 - PROVIDE BULLNOSE FINISH AT EXPOSED EDGES.

DIVISION 05 - WOOD, PLASTICS & COMPOSITES

- 05.1 - 2X6 PRESSURE TREATED WOOD BLOCKING CONT. AROUND PERIMETER OF EXISTING CONC. ROOF DECK, SECURE BLOCKING TO EXISTING PRECAST CONCRETE PLANKS WITH 3/8" DIAMETER X 3" LONG GALVANIZED CONCRETE SCREWS AT 24" O.C., STAGGERED TOP-TO-BOTTOM, INTO SOLID OR GROUT FILLED CONCRETE.
05.2 - 2X PRESSURE TREATED WOOD FASCIA CONT. AROUND PERIMETER OF EXISTING CONC. ROOF DECK, SECURE BLOCKING TO EXISTING PRECAST CONCRETE PLANKS WITH 3/8" DIAMETER X 3" LONG GALVANIZED CONCRETE SCREWS AT 24" O.C. INTO SOLID OR GROUT FILLED CONCRETE.
05.3 - 2X12 PRESSURE TREATED WOOD BLOCKING, SECURE BLOCKING TO EXISTING PRECAST CONCRETE PLANKS WITH 3/8" DIAMETER X 3" LONG GALVANIZED CONCRETE SCREWS AT 24" O.C., STAGGERED TOP-TO-BOTTOM, INTO SOLID OR GROUT FILLED CONCRETE.

DIVISION 07 - THERMAL & MOISTURE PROTECTION

- 07.1 - SINGLE PLY ROOF MEMBRANE
07.2 - 2" RIGID INSULATION, REFER TO INSULATION SCHEDULE.
07.3 - PREFINISHED METAL COPING
07.4 - PREFINISHED METAL FASCIA WRAP
07.5 - 2" RIGID PERIMETER INSULATION FROM TOP OF FOOTING TO 30' HORIZONTAL. REFER TO INSULATION SCHEDULE
07.6 - SINGLE PLY ROOF FLASHING INSTALLED PER MFR'S SPECIFICATIONS.
07.7 - SINGLE PLY ROOF MEMBRANE AT SCUPPER, MIN. 2" OVERLAP AT EDGE. EXTEND MEMBRANE OVER WOOD BLOCKING AT SIDES
07.8 - PREFINISHED METAL COPING END CAP
07.9 - PREFINISHED METAL FLASHING/DRIIP EDGE
07.10 - PREFINISHED METAL CONDUCTOR HEAD
07.11 - PREFINISHED METAL DOWNSPOUT
07.12 - SEALANT WITH BACKER ROD AS REQUIRED
07.13 - PREFINISHED GRAVEL STOP
07.14 - DAMPROOFING

DIVISION 08 - OPENINGS

- 08.1 - ALUMINUM STOREFRONT DOOR AND WINDOW SYSTEM. (SEE WINDOW AND DOOR SCHEDULES)
08.2 - ALUMINUM COMPENSATING RECEIVER

DIVISION 09 - FINISHES

- 09.1 - TERRAZZO FLOORING SYSTEM.

DIVISION 12 - FURNISHINGS

- 12.1 - ROLL UP GRID WALK-OFF MAT W/ FRAME. SEE DETAIL D/A9.2 REFER TO SPECIFICATIONS.

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REST AREAS RENOVATIONS
AREA NO. 1035 DISTRICT 10
US-35 E. GALLIA COUNTY, OHIO

WALL SECTIONS

SAI # 09061702
DRAWING NUMBER: A3.1

DRAWN BY: RCB CHECKED BY: RJK/KRA

DATE ISSUED: 28-OCT-11

PLOTTED: 10/26/2011 5:36 PM

STRUCTURAL NOTES:

A. GENERAL

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER RENOVATION IS FULLY COMPLETED. THE CONTRACTOR IS SOLELY RESPONSIBLE TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION INCLUDING PROVISIONS FOR CHANGEABLE WEATHER UNTIL THE BUILDING IS ENCLOSED AND CONDITIONED. THE CONTRACTOR SHALL DESIGN, INSTALL AND SUBSEQUENTLY REMOVE ANY SHORING, SHEETING, TEMPORARY BRACING, GUTS OR THE DOWN NECESSARY TO MAINTAIN SAFETY AND STRUCTURAL STABILITY DURING CONSTRUCTION. ANCHOR BOLTS AT STEEL COLUMNS HAVE NOT BEEN DESIGNED FOR, AND WILL NOT PROVIDE, TEMPORARY SUPPORT FOR COLUMNS AND CONNECTED FRAMING DURING CONSTRUCTION.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE TO FOLLOW ALL APPLICABLE SAFETY CODES, BUILDING CODES AND GOVERNING REGULATIONS WITH JURISDICTION OVER THE CONSTRUCTION SITE DURING ALL PHASES OF CONSTRUCTION.
3. EXISTING BUILDING: INSTALL TEMPORARY SUPPORTS AND OTHER MEASURES AS REQUIRED TO PREVENT DAMAGE TO THE EXISTING BUILDING DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION AND FINAL CLEARANCE OF REQUIRED NEEDLING, SHORING, UNDERPINNING OR BRACING OF THE EXISTING BUILDING. FIELD VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS WHICH AFFECT THE NEW CONSTRUCTION PRIOR TO THE START OF WORK. EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED ON THE ORIGINAL CONSTRUCTION DRAWINGS PROVIDED BY THE OWNER AND HAVE NOT BEEN CONFIRMED. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THAT SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS; DO NOT PROCEED WITH THAT PORTION OF WORK UNTIL ALL DISCREPANCIES HAVE BEEN RESOLVED.

B. FOUNDATIONS

1. NOTIFY THE ARCHITECT AS SOON AS POSSIBLE OF ANY UNUSUAL SOIL CONDITIONS, SUCH AS UNEXPECTED SPRING OR SEEPAGE WATER, OR SOIL OF QUESTIONABLE BEARING CAPACITY.
2. BEAR ALL FOOTINGS ON FIRM UNDISTURBED SOIL OR ENGINEERED FILL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY OF 1,500 POUNDS PER SQUARE FOOT.
3. RETAIN THE SERVICES OF A SOILS ENGINEER TO INSPECT AND APPROVE FOUNDATION EXCAVATIONS FOR THE BEARING CAPACITY INDICATED ABOVE. COORDINATE THE SCHEDULING OF THE SOILS ENGINEER'S SERVICES WITH THE ANTICIPATED DATE OF CONCRETE PLACEMENT.
4. KEEP FOUNDATION EXCAVATIONS FREE OF WATER AT ALL TIMES. REPLACE SOFT OR WEAKENED SOIL WITH (CLASS IV, LEAN) CONCRETE OR ENGINEERED FILL.
5. THE EXISTENCE OF UNDERGROUND STRUCTURES AND/OR UTILITIES IS NOT KNOWN. USE EXTREME CARE WHEN EXCAVATING SO AS NOT TO DISTURB ANY EXISTING UNDERGROUND STRUCTURES AND/OR UTILITIES. COORDINATE WITH THE SURVEY AND WITH THE OWNER TO OBTAIN ANY INFORMATION AVAILABLE REGARDING EXISTING UTILITIES.

C. REINFORCED CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:
 - a. ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" BY THE AMERICAN CONCRETE INSTITUTE (ACI), EXCEPT AS SPECIFICALLY MODIFIED IN THE SPECIFICATIONS AND/OR HEREIN.
 - b. ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE" BY THE AMERICAN CONCRETE INSTITUTE (ACI).
 - c. CONCRETE PLACEMENT AND CURING PROCEDURES SHALL CONFORM TO ACI 305 "HOT WEATHER CONCRETING" AND ACI 308 "COLD WEATHER CONCRETING".
 - d. ALL REINFORCING DETAILS SHALL CONFORM TO ACI 318, "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" UNLESS DETAILED OTHERWISE ON THE STRUCTURAL DRAWINGS.
2. MATERIALS
 - a. STRUCTURAL CONCRETE

CLASS	LOCATION	F _c (psi)
I	FOOTINGS	3,000
II	INTERIOR SLABS ON GRADE, ROOF PATCHING/FILL, AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED	3,500
III	EXTERIOR SLABS ON GRADE AND ALL EXTERIOR CONCRETE NOT OTHERWISE IDENTIFIED	4,000 (with air)
IV	BACKFILL BELOW FOOTINGS	1,500
 - b. ALL DEFORMED REINFORCING BARS: ASTM A615, GRADE 60.
 - c. ALL WELDED WIRE FABRIC: ASTM A185, DELIVERED IN FLAT SHEETS.

D. MISCELLANEOUS

- a. INSTALL CORNER BARS AT FOOTING CORNERS TO MATCH HORIZONTAL REINFORCING. PROVIDE A MINIMUM LENGTH OF 45 BAR DIAMETERS FOR EACH LEG.
- b. INSTALL LEAN CONCRETE (CLASS IV) UNDER FOUNDATIONS FOR ACCIDENTAL OVER-EXCAVATION, SOFT SPOTS AND TRENCHES.

E. ENGINEERED MASONRY CONSTRUCTION

1. ALL MASONRY CONSTRUCTION SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:
 - a. ACI 530/ASCE 5/TMS 402 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES".
 - b. ACI 530/ASCE 6/TMS 602 "SPECIFICATION FOR MASONRY STRUCTURES".
 1. CONFORM COLD WEATHER MASONRY CONSTRUCTION TO PARAGRAPH 1.8.C.
 2. CONFORM HOT WEATHER MASONRY CONSTRUCTION TO PARAGRAPH 1.8.D.
2. MATERIALS
 - a. CONCRETE BLOCK: ASTM C90, MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS: 2,500 PSI.
 - b. MORTAR: TYPE S, MINIMUM COMPRESSIVE STRENGTH: 1,800 PSI.
 - c. BOND BEAM AND CORE FILL: ASTM C476, COARSE TYPE, MINIMUM COMPRESSIVE STRENGTH: 2,500 PSI.
 - d. JOINT REINFORCING: HOT-DIPPED GALVANIZED FINISH, 9 GAGE MINIMUM SIDE WIRES AND CROSS WIRES.
 - e. BAR REINFORCING: ASTM A615, GRADE 60.

F. STRUCTURAL LINTELS

1. INSTALL LINTELS OVER ALL OPENINGS IN MASONRY WALLS AND MASONRY VENEER. REFER TO ARCHITECTURAL AND HVAC DRAWINGS FOR LOCATION, NUMBER AND SIZES OF OPENINGS. FOR LINTELS NOT LABELED OR SHOWN ON THE STRUCTURAL DRAWINGS, APPLY NOTES 2 THROUGH 4 BELOW.
2. FOR LINTELS OVER OPENINGS IN MASONRY WALLS 6'-4" WIDE OR LESS, INSTALL THE MEMBER LISTED BELOW FOR EACH 4 INCHES OF WALL THICKNESS (USE 6" MINIMUM BEARING EACH END). IN CAVITY WALLS, ADD VENEER LINTEL FROM NOTE 4 AND CONTINUOUS BOTTOM PLATE 5/16" X (WALL "T"-1/2") AND STOP PLATE 1/4" SHORT OF JAMBS.

MASONRY OPENING	SECTION
TO 4'-0"	L3-1/2 X 3-1/2 X 5/16
4'-1" TO 5'-4"	L4 X 3-1/2 X 5/16 LLV
5'-5" TO 6'-4"	L5 X 3-1/2 X 5/16 LLV

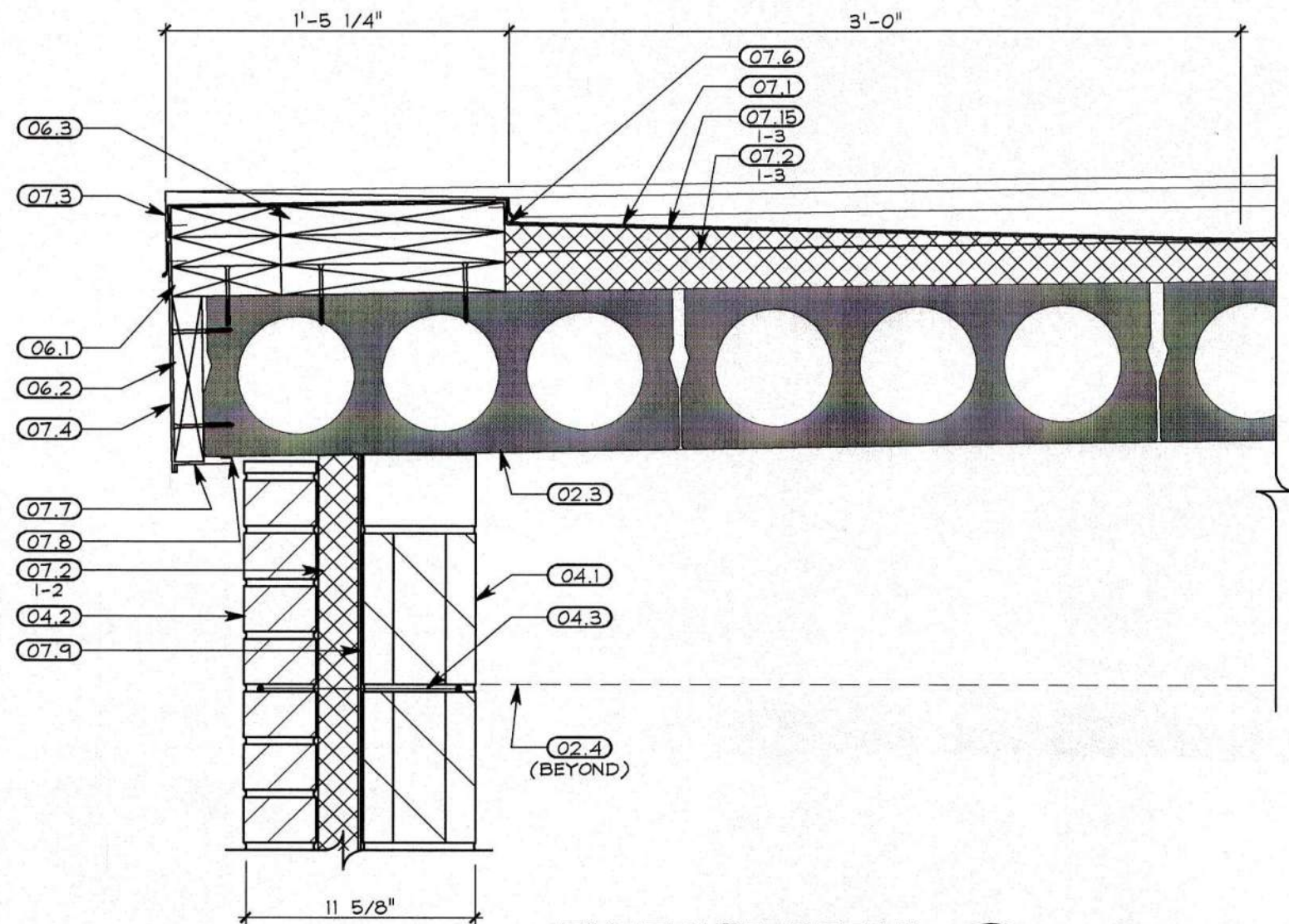
3. FOR LINTELS OVER OPENINGS IN MASONRY WALLS GREATER THAN 6'-4" WIDE, INSTALL THE BEAM SECTION LISTED BELOW WITH 7-1/2" MINIMUM BEARING EACH END AND CONTINUOUS BOTTOM PLATE 5/16" X (WALL "T"-1/2"). STOP PLATE 1/4" SHORT OF JAMBS. IN CAVITY WALLS, ADD VENEER LINTEL FROM NOTE 4.

MASONRY OPENING	SECTION
6'-5" TO 8'-0"	M 8 X 18
8'-1" TO 10'-0"	M 8 X 21

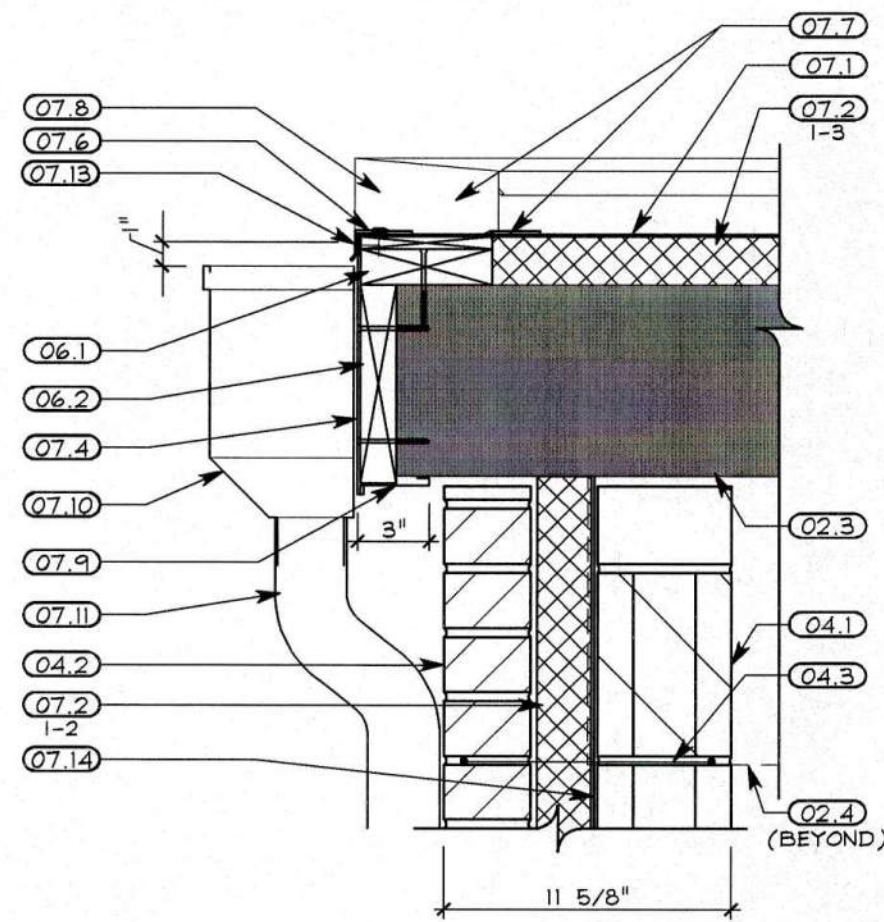
4. FOR LINTELS OVER OPENINGS IN VENEER 10'-0" WIDE OR LESS, INSTALL THE MEMBER LISTED BELOW (USE 6" MINIMUM BEARING EACH END).

MASONRY OPENING	SECTION
TO 4'-0"	L3-1/2 X 3-1/2 X 5/16
4'-1" TO 5'-4"	L4 X 3-1/2 X 5/16 LLV
5'-5" TO 6'-4"	L5 X 3-1/2 X 5/16 LLV
6'-5" TO 8'-0"	L6 X 3-1/2 X 5/16 LLV
8'-1" TO 10'-0"	L7 X 4 X 3/8 LLV

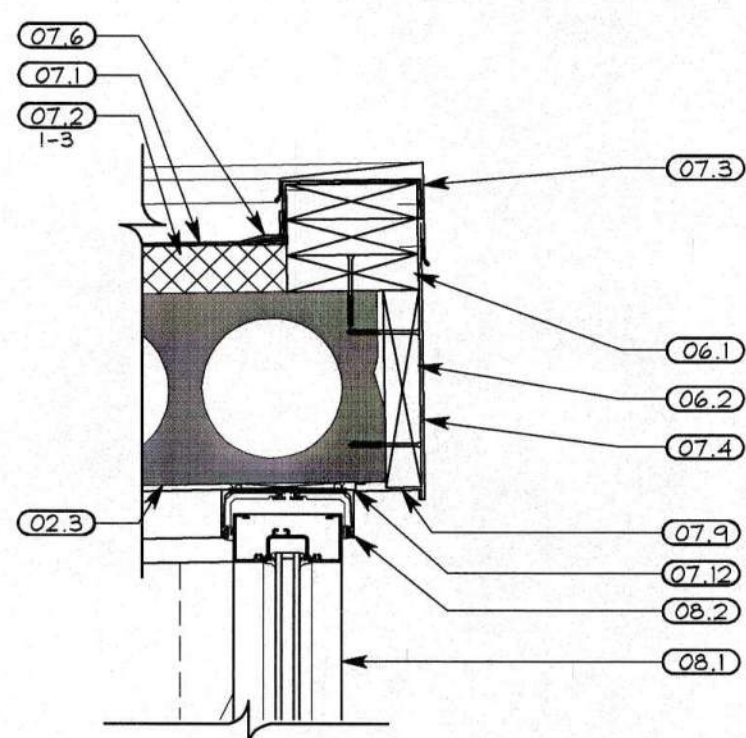
- a. W SHAPES: CONFORM TO ASTM A992, F_y = 50 KSI.
- b. ANGLES AND PLATES: CONFORM TO ASTM A36, F_y = 36 KSI.
- c. WELDS: SERIES E70 ELECTRODES.



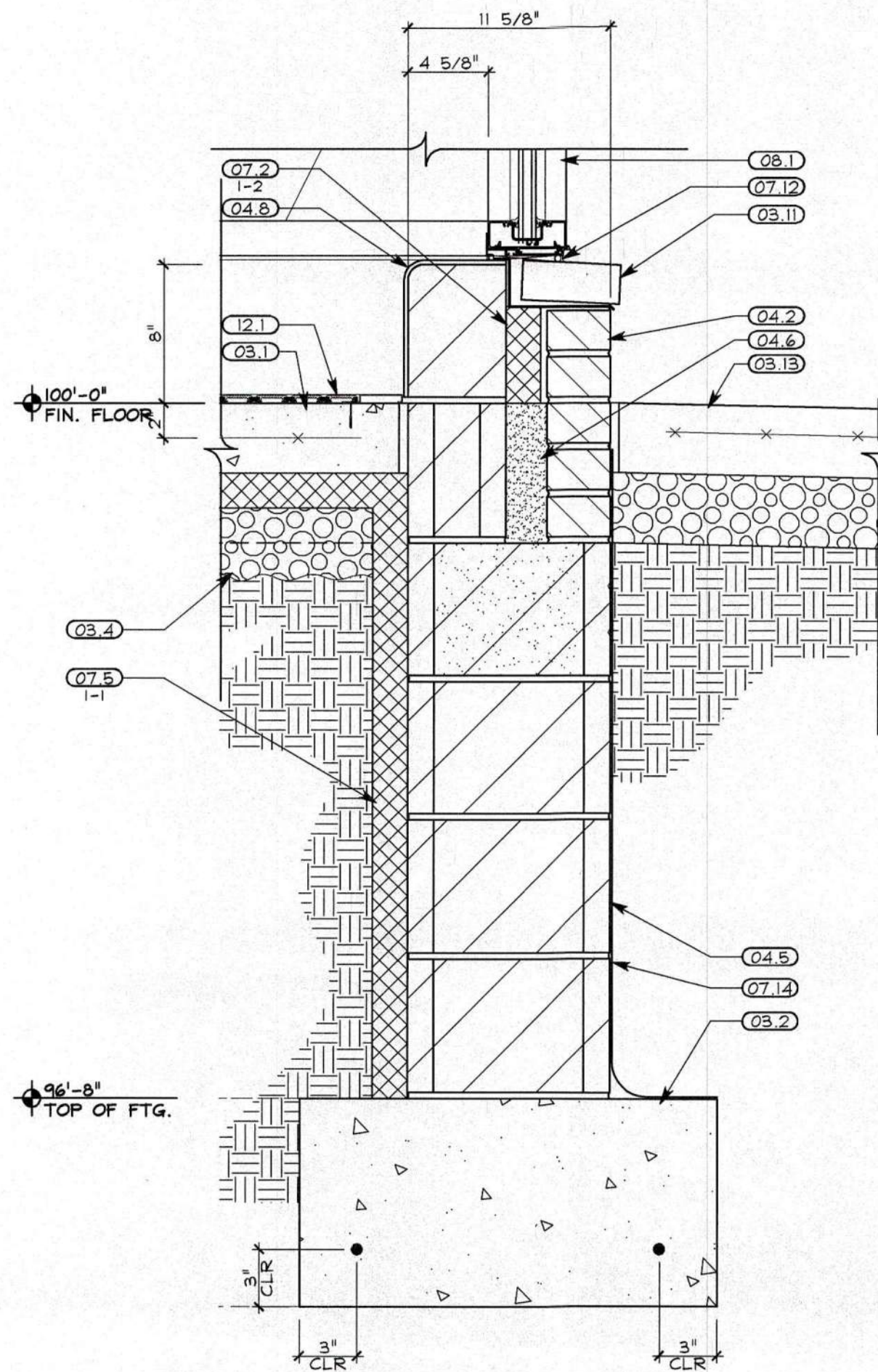
EXTERIOR DETAIL G
1 1/2" = 1'-0"



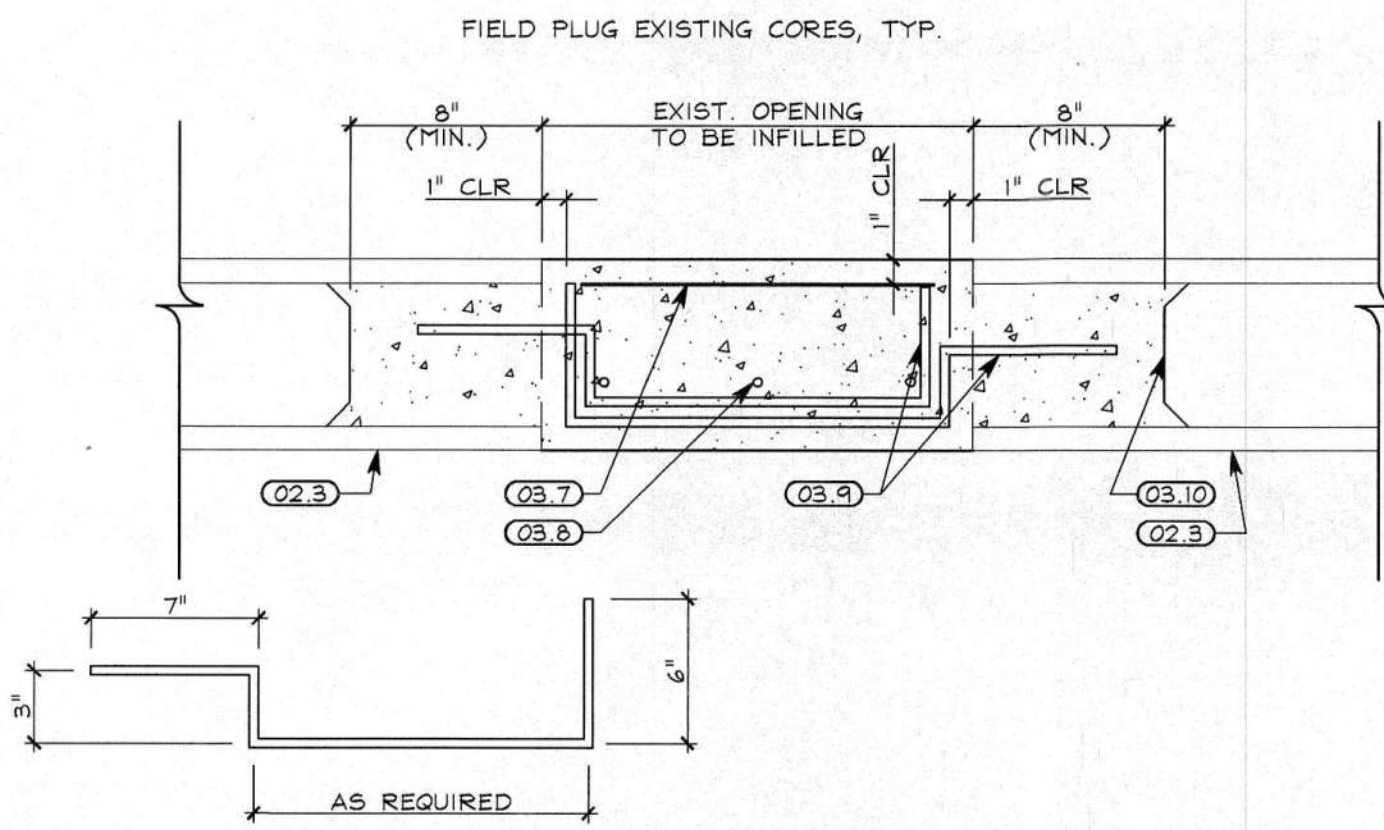
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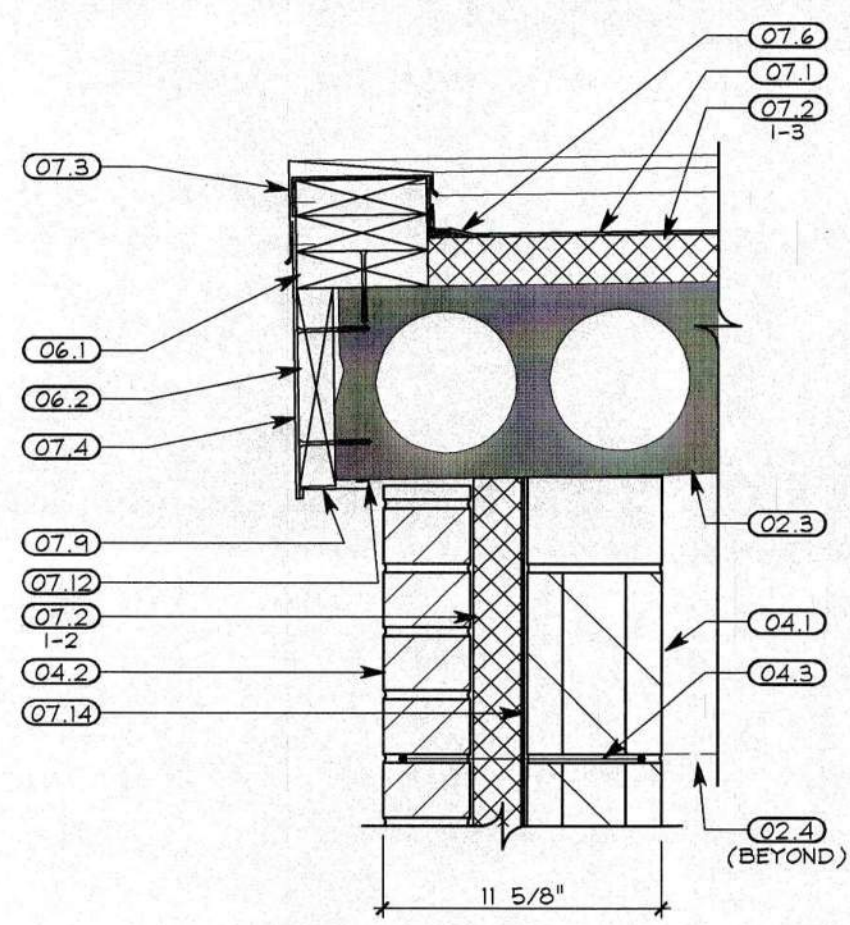
EXTERIOR DETAIL E
1 1/2" = 1'-0"



EXTERIOR DETAIL D
1 1/2" = 1'-0"



EXTERIOR DETAIL C
1 1/2" = 1'-0"



EXTERIOR DETAIL B
1 1/2" = 1'-0"

GENERAL NOTES: EXTERIOR DETAILS

1. REFER TO FLOOR PLAN AND DOOR AND WINDOW SCHEDULES FOR ADDITIONAL INFORMATION.
2. REFER TO INSULATION SCHEDULE (A9.1) FOR ALL INSULATION TYPES.
3. REFER TO GENERAL FLASHING NOTES (A9.1) FOR FLASHING REQUIREMENTS.

CODED NOTES: EXTERIOR DETAILS

DIVISION 01 - GENERAL REQUIREMENTS

- 01.1 - FINISHED GRADE

DIVISION 02 - EXISTING CONDITIONS

- 02.1 - EXISTING COMPACTED FILL, RE-LEVEL AS REQUIRED FOR NEW CONCRETE POUR.
- 02.2 - EXISTING CONCRETE FOUNDATION AND FOOTER. DO NOT DISTURB UNLESS OTHERWISE NOTED.
- 02.3 - EXISTING CONCRETE ROOF DECK, CLEAN AND REFINISH, REFER TO FINISH SCHEDULE.
- 02.4 - EXISTING PRECAST CONCRETE BEAM, CLEAN AND REFINISH, REFER TO FINISH SCHEDULE.

DIVISION 03 - CONCRETE

- 03.1 - NEW 4" CONCRETE SLAB REINFORCED WITH 6"x6"-W4/W4.4 WELDED WIRE FABRIC PLACED AT MID-DEPTH OF SLAB.
- 03.2 - 2'-0" 1'-0" CONCRETE FOOTING CENTERED UNDER C.M.U. FOUNDATION WALL W/ (2) #5 REBAR CONTINUOUS.
- 03.3 - PAVEMENT.
- 03.4 - 4" GRAVEL BASE WITH VAPOR BARRIER AT MID DEPTH FOR INTERIOR SLABS.
- 03.5 - CONCRETE CURB.
- 03.6 - NEW 6" CONCRETE SIDEWALK REINFORCED WITH 6"x6"-W4/W4.4 WELDED WIRE FABRIC PLACED AT MID-DEPTH OF SLAB.
- 03.7 - 6"x6"-W4/W4.4 WELDED WIRE FABRIC.
- 03.8 - #5 BARS AT 8" O.C. (3) MIN. PER OPENING.
- 03.9 - #3 DOWEL BENT, PROVIDE AT EACH CORE, BUT NO LESS THAN (3) FROM EACH SIDE.
- 03.10 - FIELD PLUG EXISTING CORES, TYP.
- 03.11 - PRECAST CONCRETE SILL.
- 03.12 - EXPANSION JOINT AND SEALANT.
- 03.13 - CONCRETE SIDEWALK, SEE DETAILS C, D, AND E/A3.1. REFER TO SPECIFICATIONS FOR UNIT PRICE AND ALLOWANCES.

DIVISION 04 - MASONRY

- 04.1 - 6" CONCRETE MASONRY UNIT. REFER TO FLOOR PLANS AND FINISH SCHEDULE FOR LOCATIONS.
- 04.2 - 4" STANDARD FACE BRICK.
- 04.3 - HORIZONTAL MASONRY REINFORCEMENT @ 16" O.C.
- 04.4 - THRU-WALL FLASHING W/ KEEPS @ 24" O.C.
- 04.5 - 12" C.M.U. WITH CONTINUOUS SOLIDLY GROUTED TOP COURSE.
- 04.6 - GROUT CAVITY SOLID TOP OF FOUNDATION TO FINISHED FLOOR.
- 04.7 - GLAZED C.M.U. WITH COVE BASE.
- 04.8 - PROVIDE BULLNOSE FINISH AT EXPOSED EDGES.

DIVISION 05 - WOOD, PLASTICS & COMPOSITES

- 05.1 - 2X6 PRESSURE TREATED WOOD BLOCKING CONT. AROUND PERIMETER OF EXISTING CONC. ROOF DECK. SECURE BLOCKING TO EXISTING PRECAST CONCRETE PLANKS WITH 3/8" DIAMETER X 3" LONG GALVANIZED CONCRETE SCREWS AT 24" O.C., STAGGERED TOP-TO-BOTTOM, INTO SOLID OR GROUT FILLED CONCRETE.
- 05.2 - 2X PRESSURE TREATED WOOD FASCIA CONT. AROUND PERIMETER OF EXISTING CONC. ROOF DECK. SECURE BLOCKING TO EXISTING PRECAST CONCRETE PLANKS WITH 3/8" DIAMETER X 3" LONG GALVANIZED CONCRETE SCREWS AT 24" O.C. INTO SOLID OR GROUT FILLED CONCRETE.
- 05.3 - 2X12 PRESSURE TREATED WOOD BLOCKING. SECURE BLOCKING TO EXISTING PRECAST CONCRETE PLANKS WITH 3/8" DIAMETER X 3" LONG GALVANIZED CONCRETE SCREWS AT 24" O.C., STAGGERED TOP-TO-BOTTOM, INTO SOLID OR GROUT FILLED CONCRETE.

DIVISION 07 - THERMAL & MOISTURE PROTECTION

- 07.1 - SINGLE PLY ROOF MEMBRANE.
- 07.2 - 2" RIGID INSULATION. REFER TO INSULATION SCHEDULE.
- 07.3 - PREFINISHED METAL COPING.
- 07.4 - PREFINISHED METAL FASCIA WRAP.
- 07.5 - 2" RIGID PERIMETER INSULATION FROM TOP OF FOOTING TO 30" HORIZONTAL. REFER TO INSULATION SCHEDULE.
- 07.6 - SINGLE PLY ROOF FLASHING INSTALLED PER MFR'S SPECIFICATIONS.
- 07.7 - SINGLE PLY ROOF MEMBRANE AT SCUPPER, MIN. 2" OVERLAP AT EDGE. EXTEND MEMBRANE OVER WOOD BLOCKING AT SIDES.
- 07.8 - PREFINISHED METAL COPING END CAP.
- 07.9 - PREFINISHED METAL FLASHING/DRAIN EDGE.
- 07.10 - PREFINISHED METAL CONDUCTOR HEAD.
- 07.11 - PREFINISHED METAL DOWNSPOUT.
- 07.12 - SEALANT WITH BACKER ROD AS REQUIRED.
- 07.13 - PREFINISHED GRAVEL STOP.
- 07.14 - DAMPROOFING.

DIVISION 08 - OPENINGS

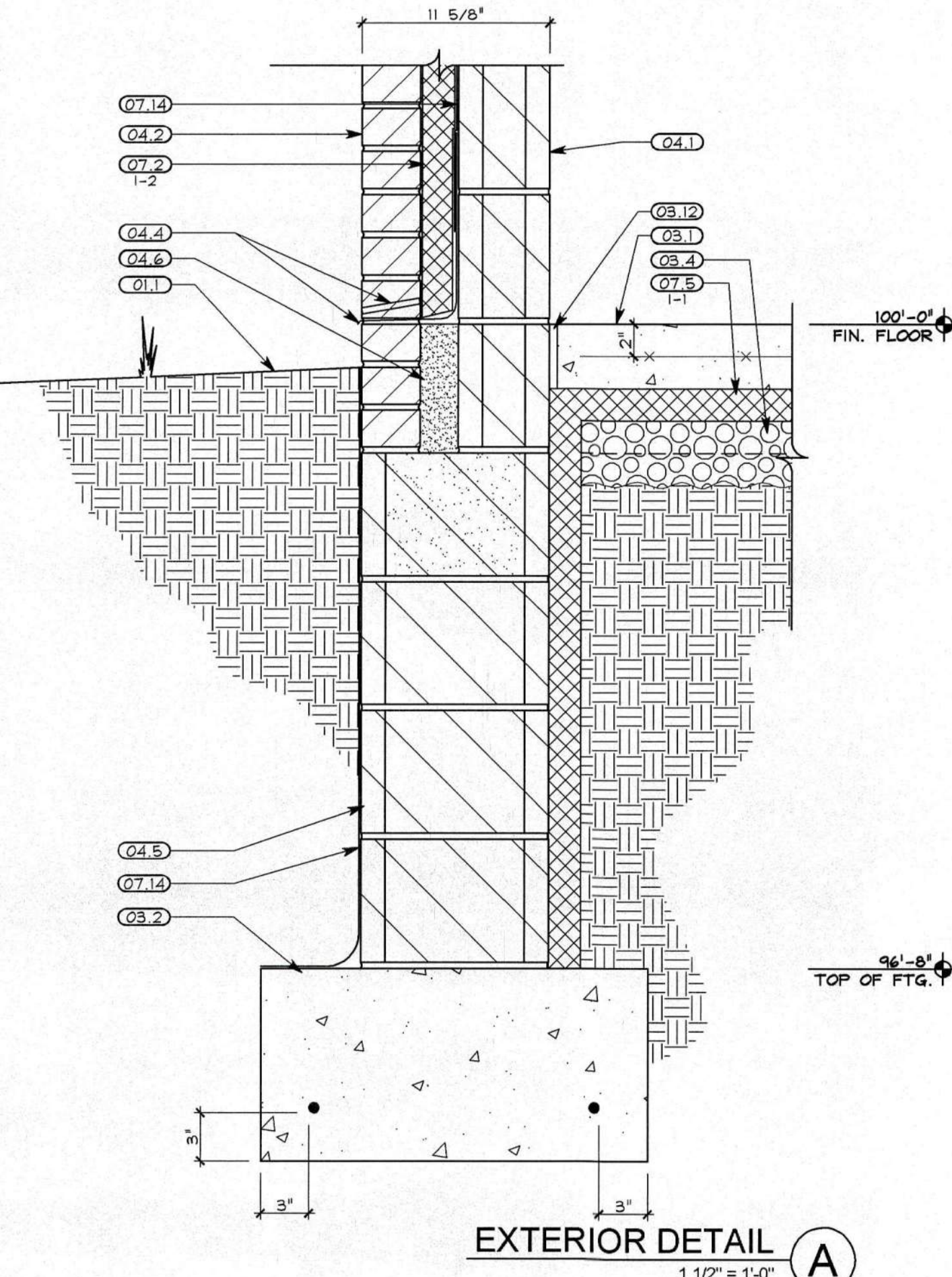
- 08.1 - ALUMINUM STOREFRONT DOOR AND WINDOW SYSTEM. (SEE WINDOW AND DOOR SCHEDULES).
- 08.2 - ALUMINUM COMPENSATING RECEIVER.

DIVISION 09 - FINISHES

- 09.1 - TERRAZZO FLOORING SYSTEM.

DIVISION 12 - FURNISHINGS

- 12.1 - ROLL UP GRID WALK-OFF MAT W/ FRAME. SEE DETAIL D/A9.2 REFER TO SPECIFICATIONS.



EXTERIOR DETAIL A
1 1/2" = 1'-0"

EXTERIOR DETAILS

REVISIONS:
RECORD DOCUMENTS

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DOT-090005.07
REST AREAS RENOVATIONS
AREA NO. 1035, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

DRAWN BY: RCB
CHECKED BY: RG/KRA

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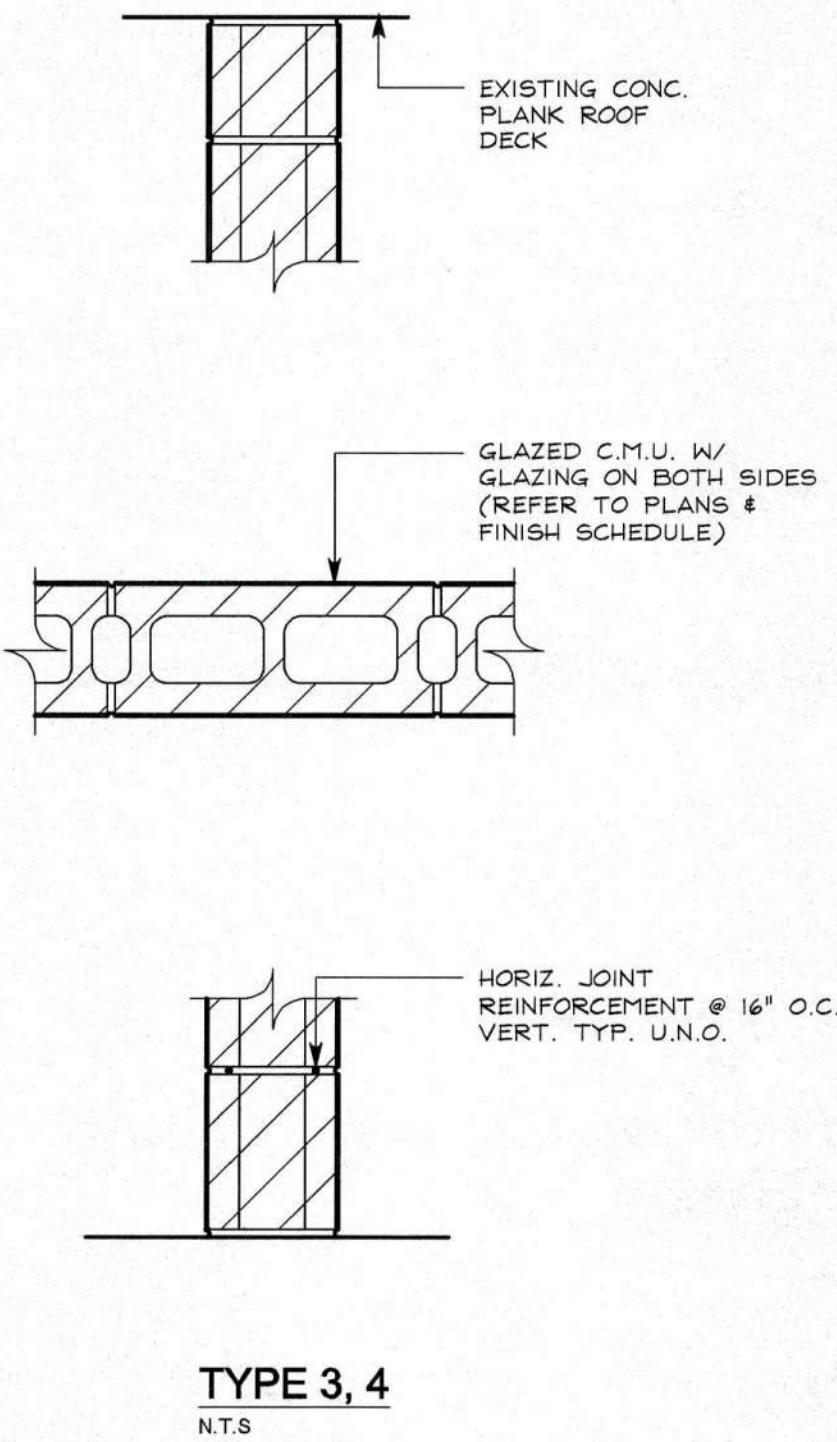
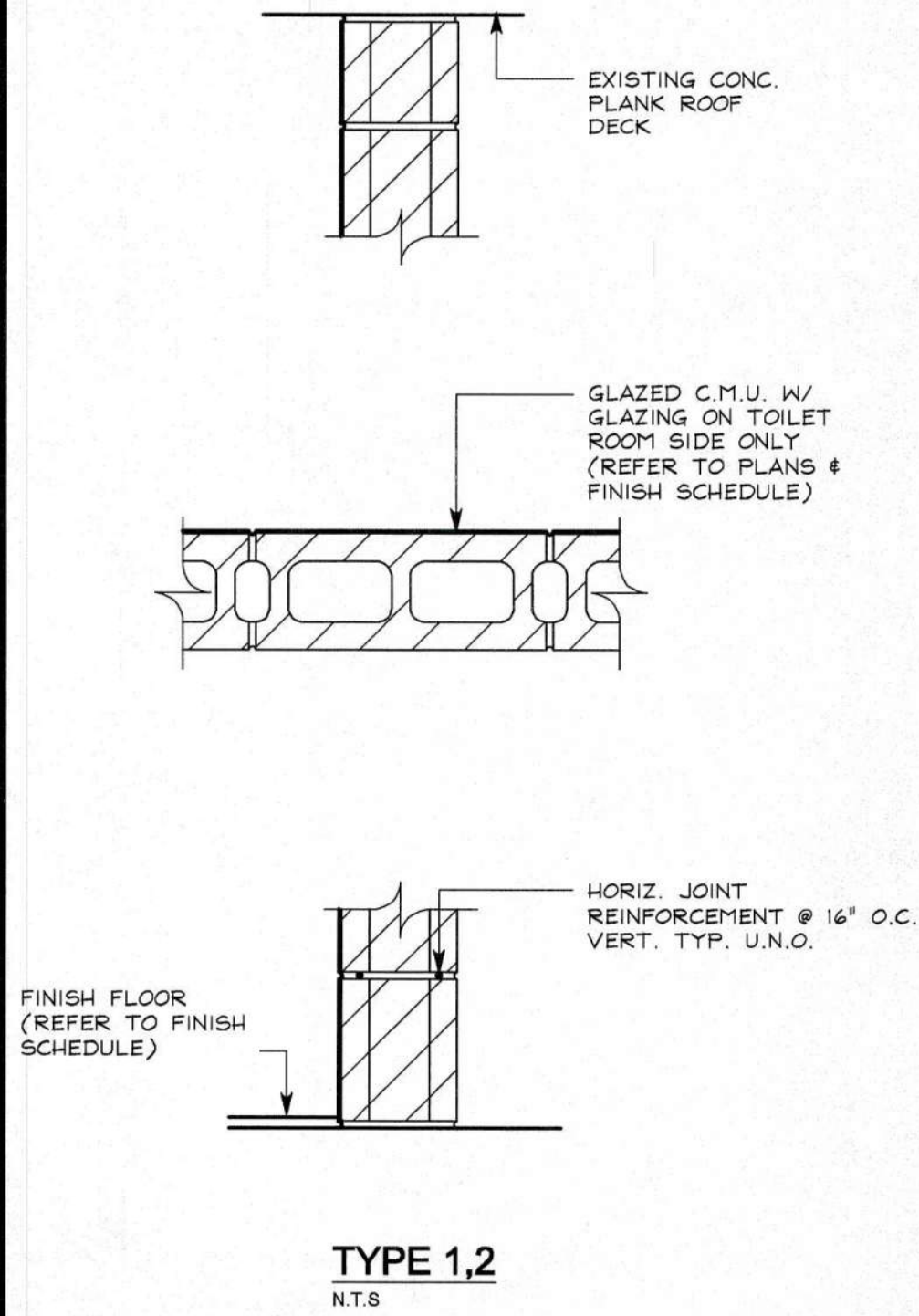
A4.1

PARTITION GENERAL NOTES

1. PROVIDE METAL TRIM WHERE GYPSUM BOARD SHEATHING ABUTTS MASONRY, CONCRETE, OR PLYWOOD AND IS VISIBLE.
2. REFER TO EXTERIOR DETAILS FOR ALL EXTERIOR WALL ASSEMBLIES.

PARTITION SCHEDULE

TYPE	DEPTH	POCHE	RATING	TESTING	TYPE	DEPTH	POCHE	RATING	TESTING
1	6"		-	-	3	4"		-	-
2	4"		-	-	4	6"		-	-



GENERAL ROOM FINISH SCHEDULE NOTES

1. THE GENERAL ROOM FINISH SCHEDULE NOTES ARE TO BE IMPLIED FOR ALL ROOMS AS INDICATED, WHETHER OR NOT REFERENCED FROM THE ROOM FINISH SCHEDULE.
2. PAINT C.M.U. WALLS/PARTITIONS ONLY. EXPOSED PRE-MANUFACTURED STRUCTURAL ELEMENTS TO BE MANUFACTURERS STANDARD FACTORY FINISH WHERE APPLICABLE.
3. INTERIOR WALL AND CEILING FINISHES SHALL HAVE THE REQUIRED CLASSIFICATION PER OBC TABLE 809.5 AS TESTED IN ACCORDANCE WITH NFPA 286.
4. INTERIOR FLOOR FINISHES SHALL HAVE THE REQUIRED CLASSIFICATION PER OBC SECTION 804 AS TESTED IN ACCORDANCE WITH NFPA 253.
5. TYPE OF PAINT UTILIZED FOR DOOR/WINDOW FRAMES SHALL MATCH THE TYPE OF PAINT UTILIZED FOR ADJACENT WALLS (EPOXY VS. REGULAR).

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR			BASE		WALLS			CEILING			DOOR/WINDOW FRAMES		REMARKS	NO.
		SUBSTRATE	FINISH	COLOR	FINISH	COLOR	SUBSTRATE	FINISH	COLOR	FINISH	COLOR	HEIGHT (A.F.F.)	FINISH	COLOR		
100	VESTIBULE	CONCRETE	WALK-OFF MAT	T.B.D.	GLAZED CMU	TBD	CMU	GLAZED CMU	TBD	PAINTED STRUCTURE	T.B.D.	VARIES	ALUMINUM PREFINISHED	MED. BRONZE ANODIZED	SEE DETAIL D/A9.2	100
101	LOBBY	CONCRETE	TERRAZZO	T.B.D.	GLAZED CMU W/ COVED BASE	T.B.D.	CMU	GLAZED CMU	T.B.D.	PAINTED STRUCTURE	T.B.D.	VARIES	ALUMINUM PREFINISHED	MED. BRONZE ANODIZED	-	101
102	FAMILY RESTROOM	CONCRETE	TERRAZZO	T.B.D.	GLAZED CMU W/ COVED BASE	T.B.D.	CMU	GLAZED CMU	T.B.D.	PAINTED GHB	T.B.D.	7'-6"	HM - PAINTED	T.B.D.	-	102
103	WOMENS	CONCRETE	TERRAZZO	T.B.D.	GLAZED CMU W/ COVED BASE	T.B.D.	CMU	GLAZED CMU	T.B.D.	PAINTED STRUCTURE	T.B.D.	VARIES	ALUMINUM PREFINISHED	MED. BRONZE ANODIZED	-	103
104	MECHANICAL	CONCRETE	SEALED CONC.	-	-	-	STANDARD CMU	PAINTED	T.B.D.	PAINTED STRUCTURE	T.B.D.	VARIES	HM - PAINTED	T.B.D.	-	104
105	JANITOR	CONCRETE	SEALED CONC.	-	-	-	STANDARD CMU	PAINTED	T.B.D.	PAINTED STRUCTURE	T.B.D.	VARIES	HM - PAINTED	T.B.D.	-	105
106	MENS	CONCRETE	TERRAZZO	T.B.D.	GLAZED CMU W/ COVED BASE	T.B.D.	CMU	GLAZED CMU	T.B.D.	PAINTED STRUCTURE	T.B.D.	VARIES	ALUMINUM PREFINISHED	MED. BRONZE ANODIZED	-	106
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DIVISION 9

REVISIONS:
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DOT-090005.07
REST AREAS RENOVATIONS
AREA NO. 1035, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

ROOM FINISH &
PARTITION SCHEDULES

SAI # 09061702
DRAWING NUMBER:
A5.1

DRAWN BY: RCB CHECKED BY: RGJ/KRA

DIVISION 8 | DOOR SCHEDULE ("D-#")

DIVISION 8



DOT-090005.07
REST AREAS RENOVATIONS
 AREA NO. 1035, DISTRICT 10
 US-35 E, GALLIA COUNTY, OHIO

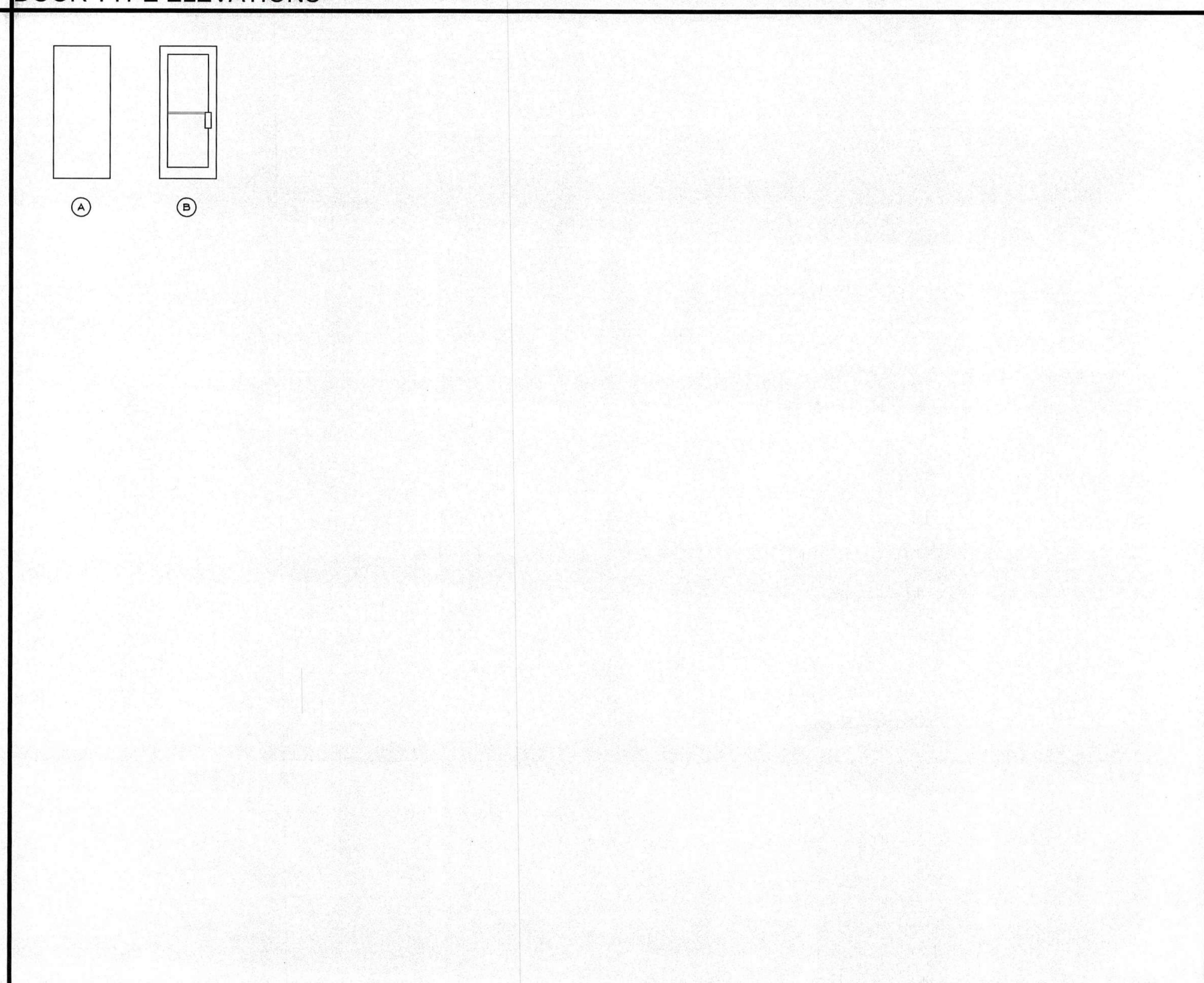
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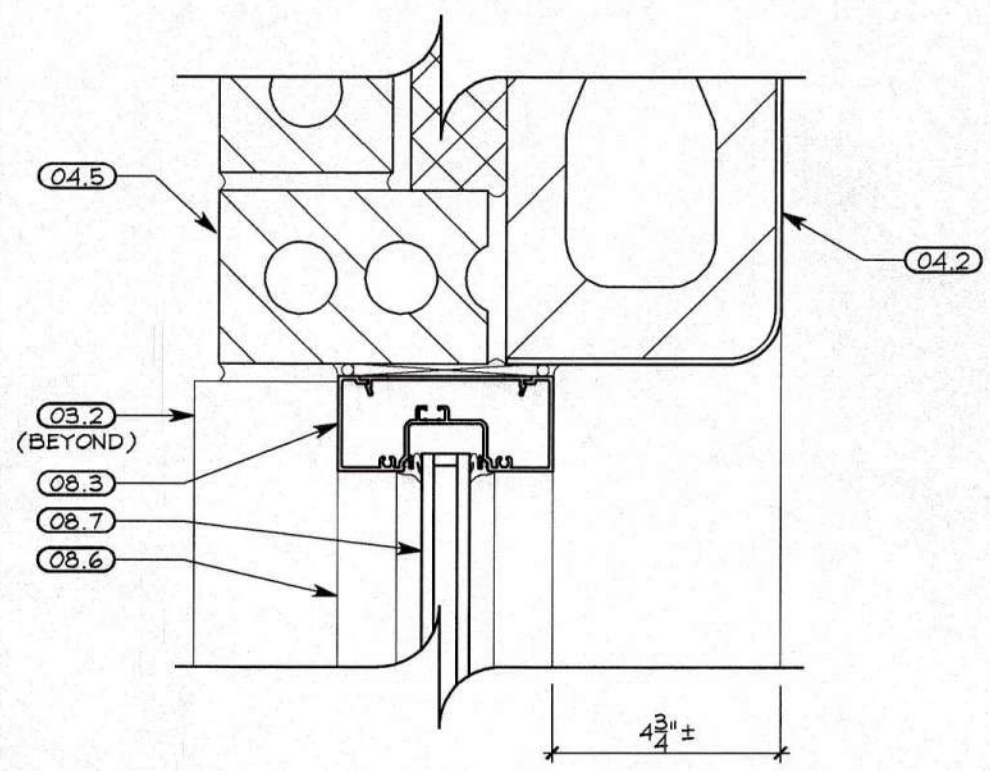
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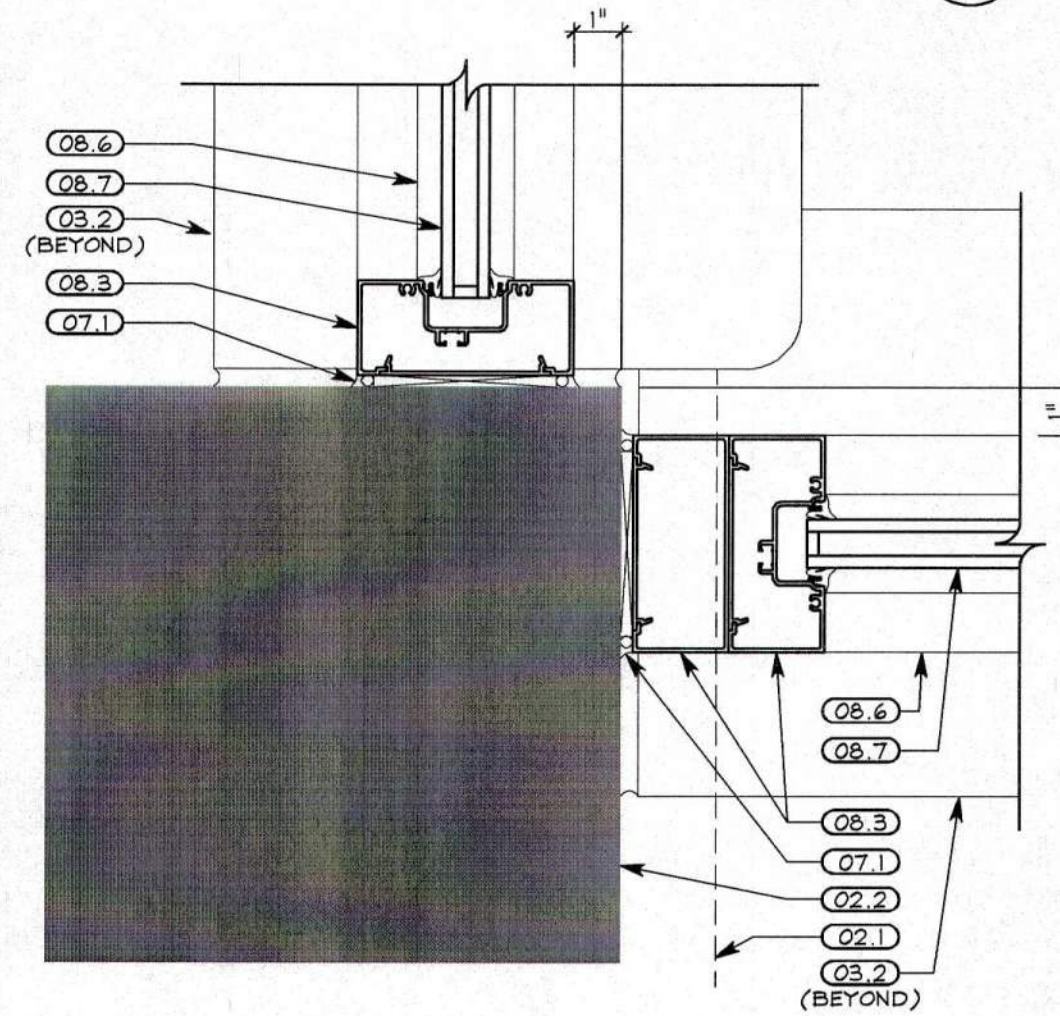
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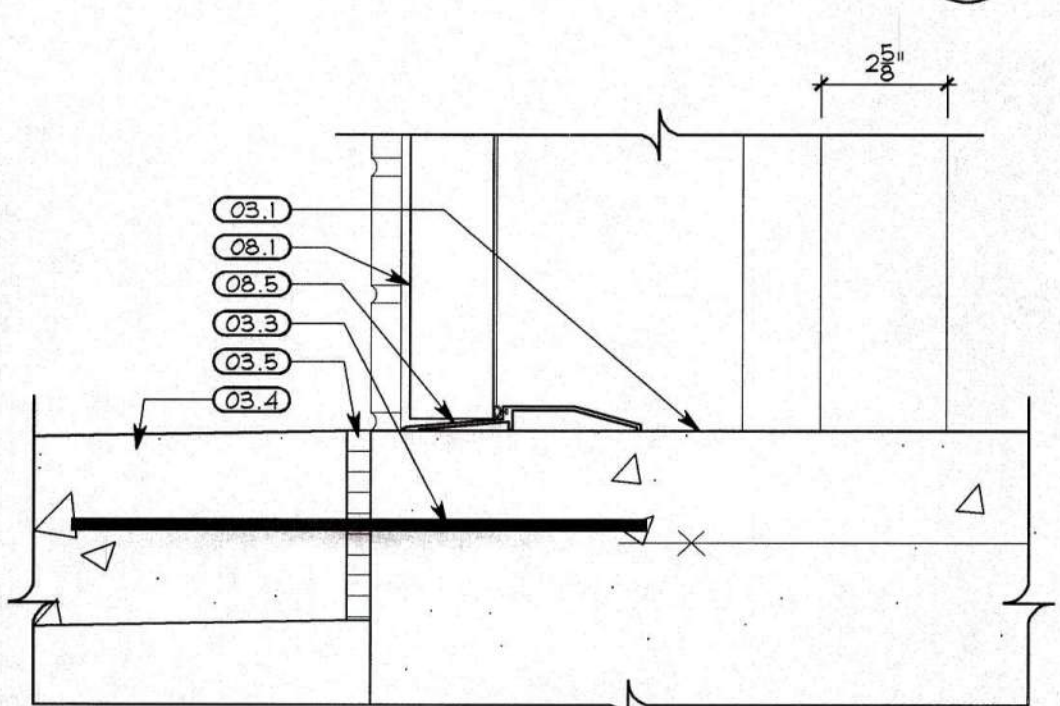




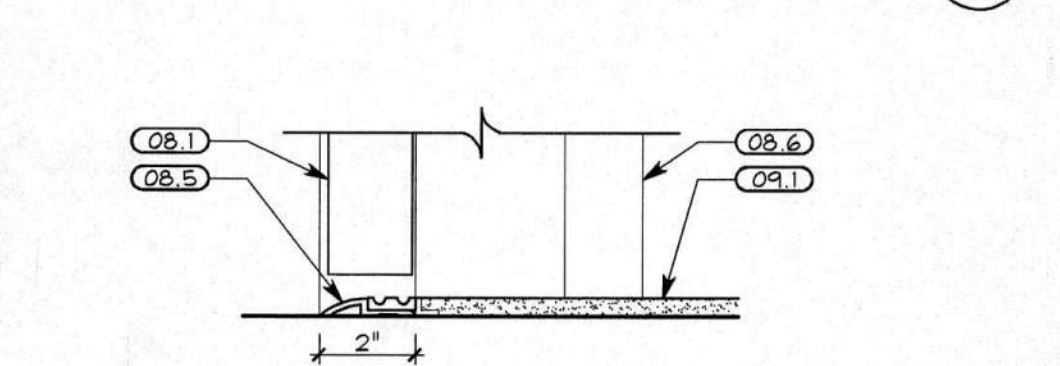
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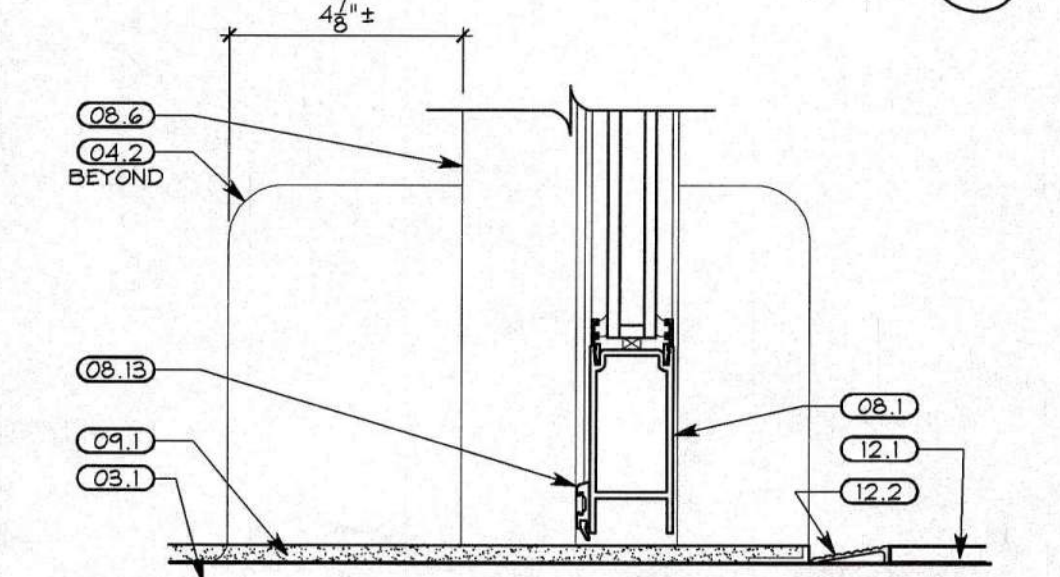
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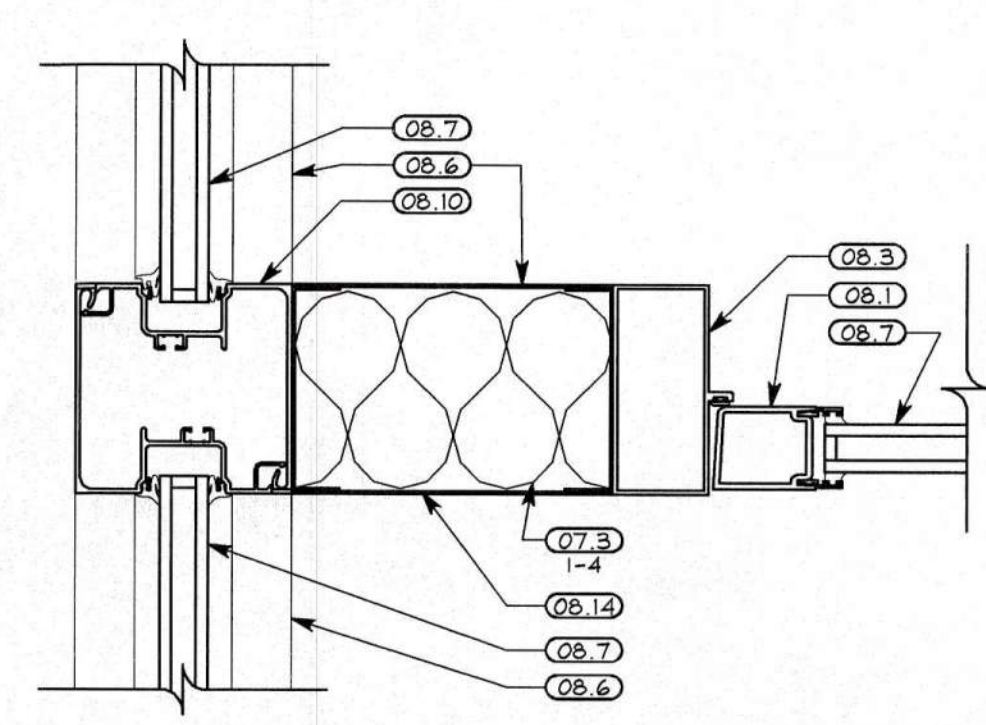
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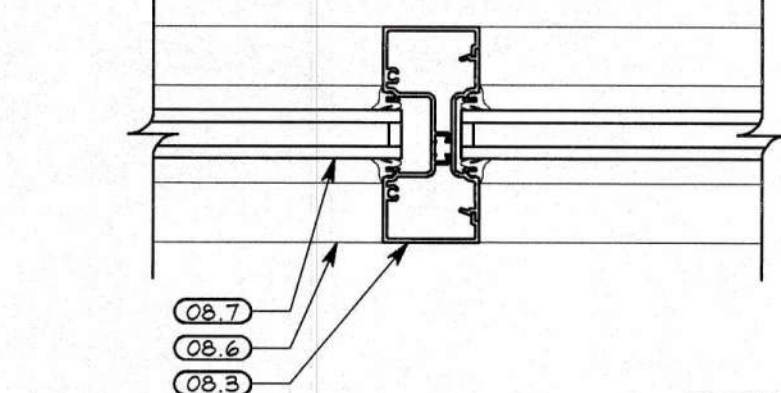
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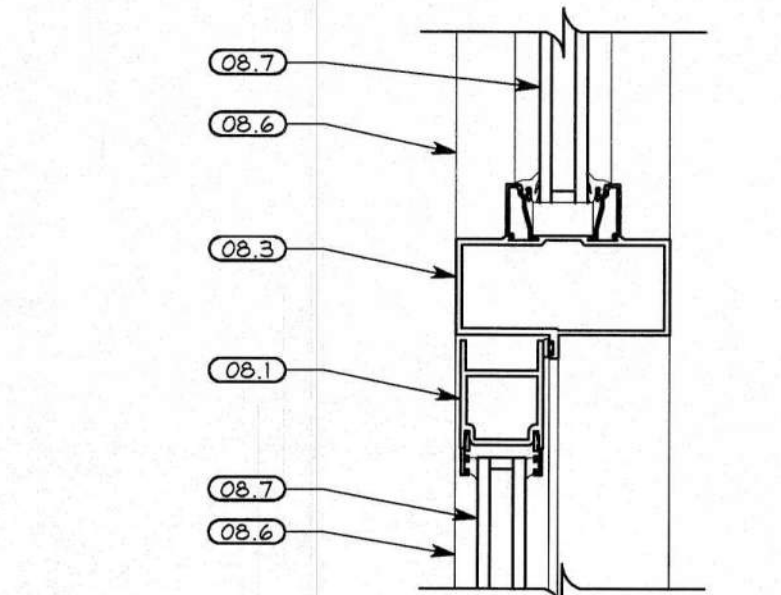
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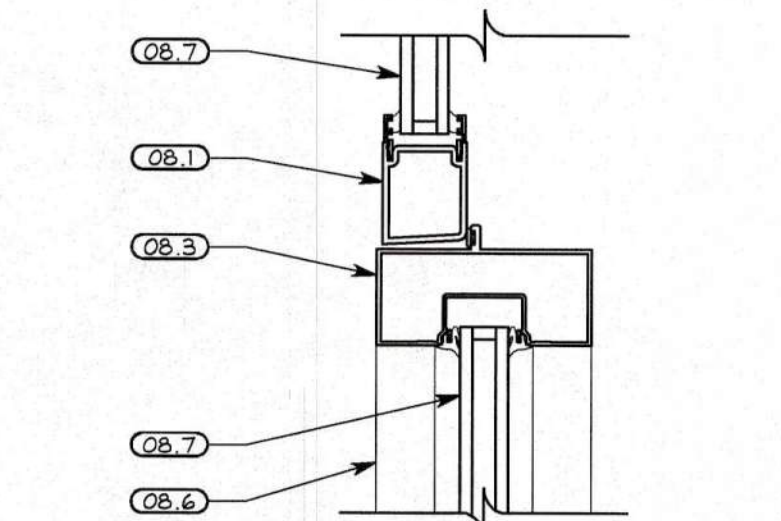
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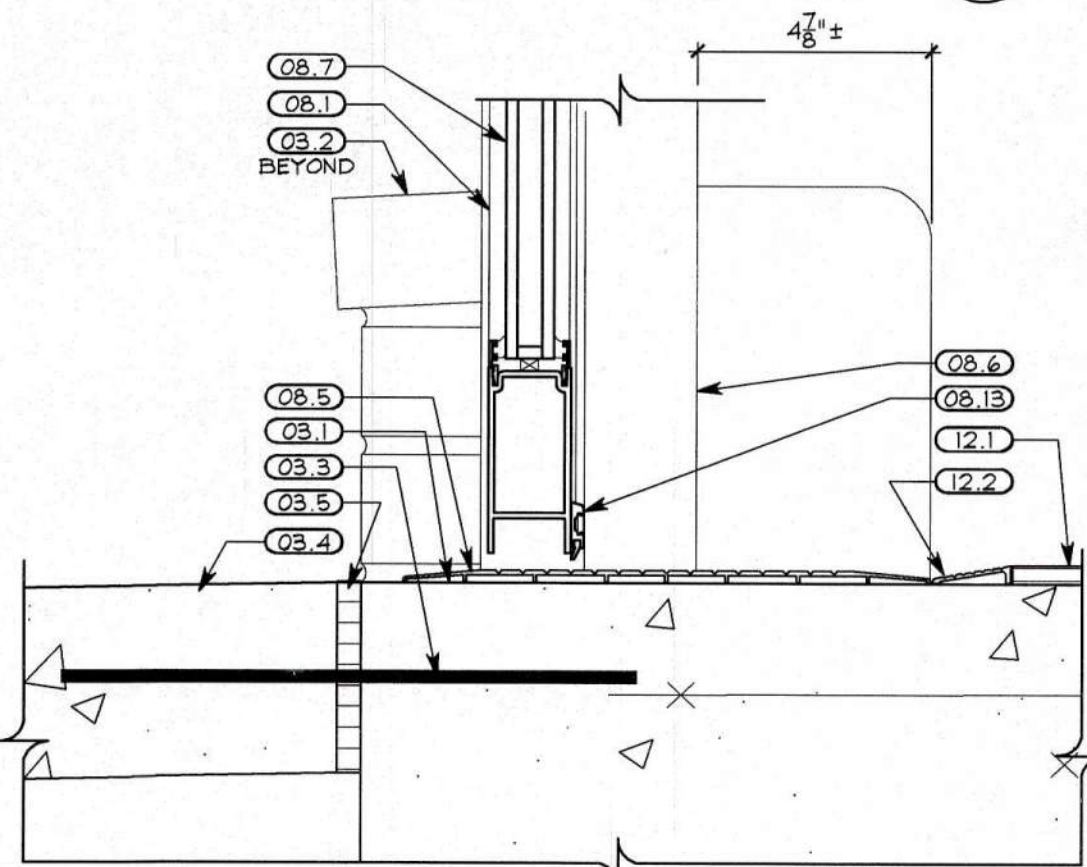
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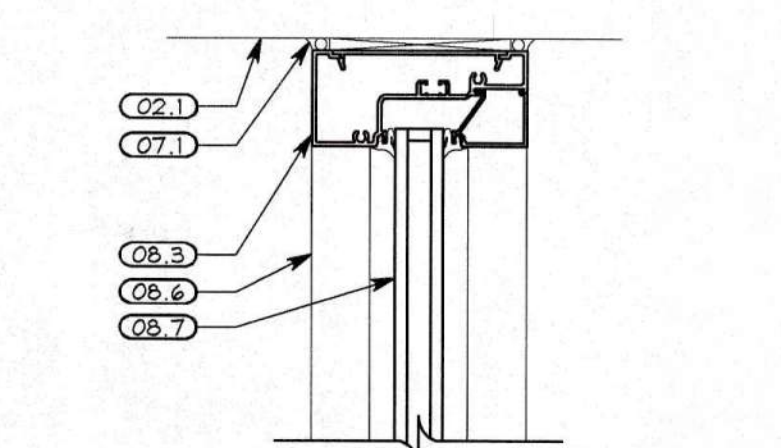
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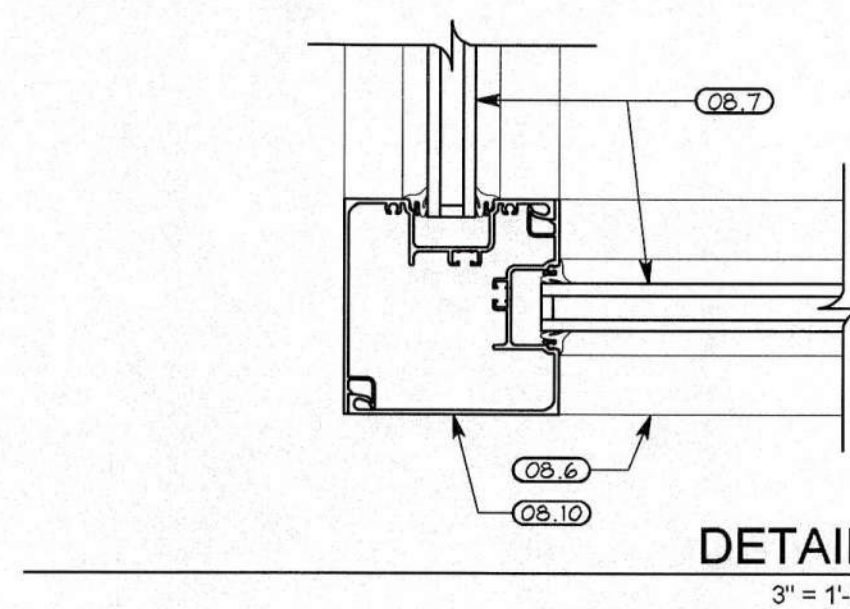
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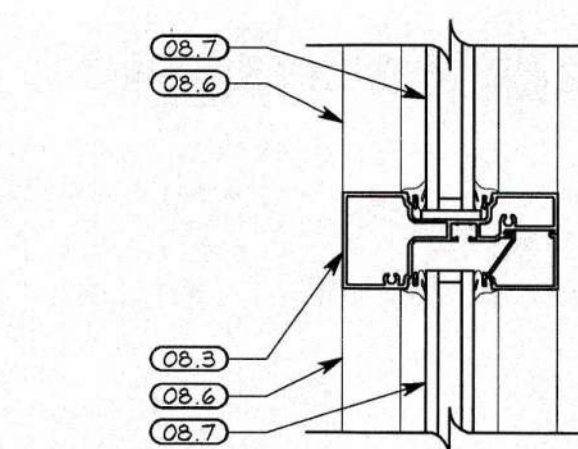
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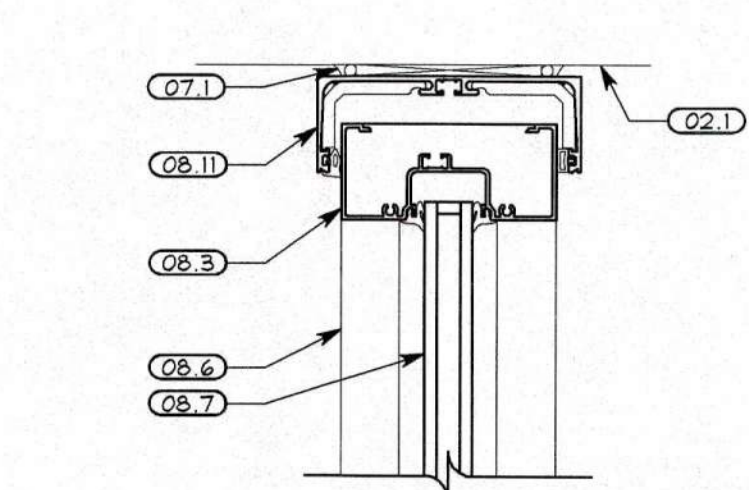
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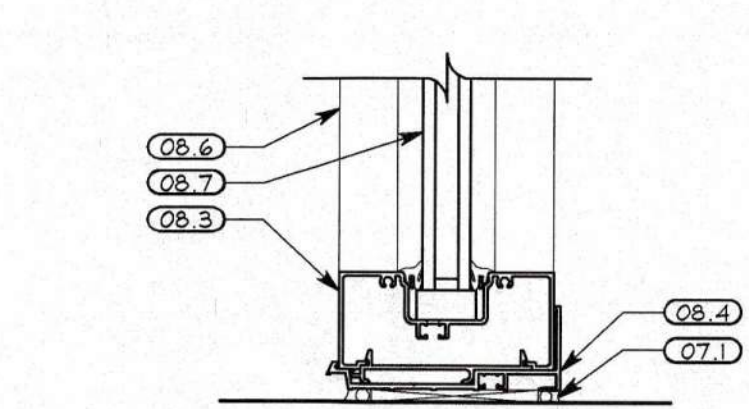
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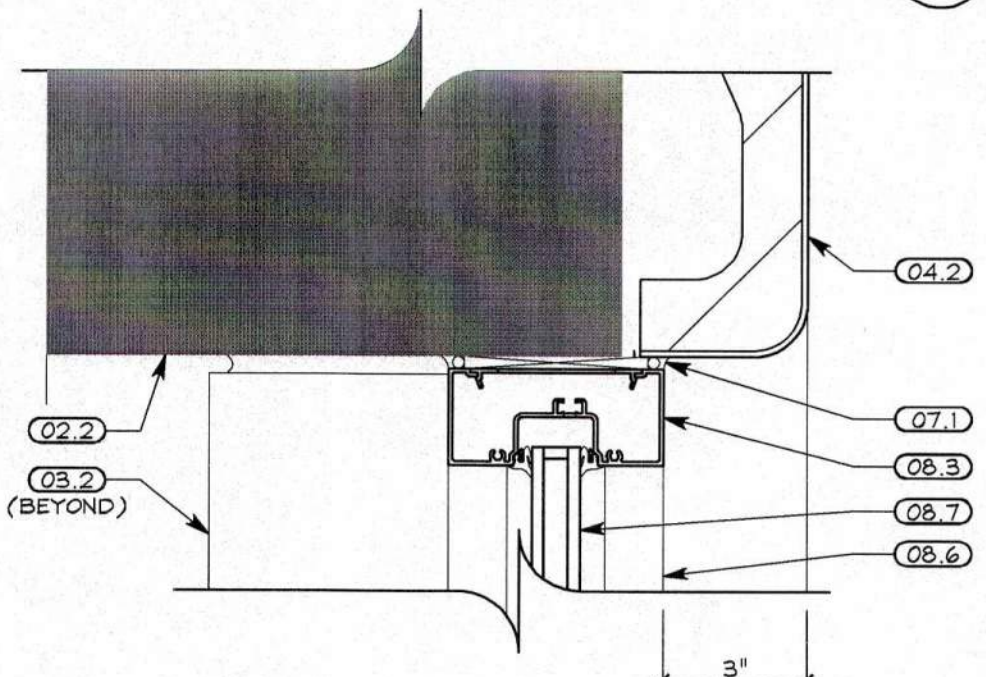
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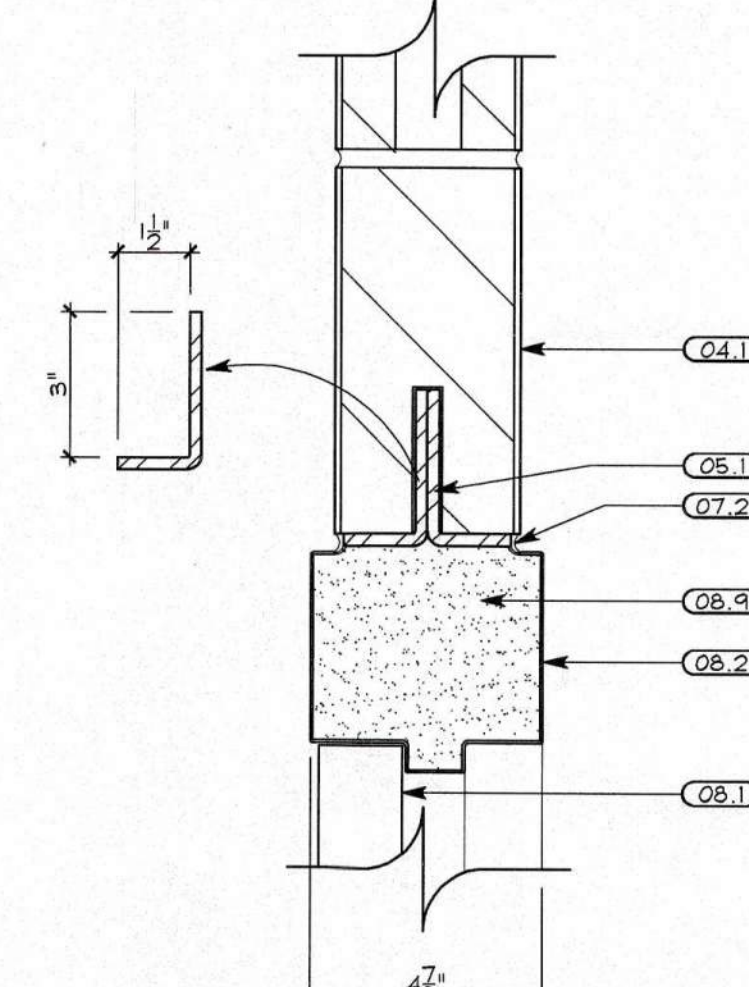
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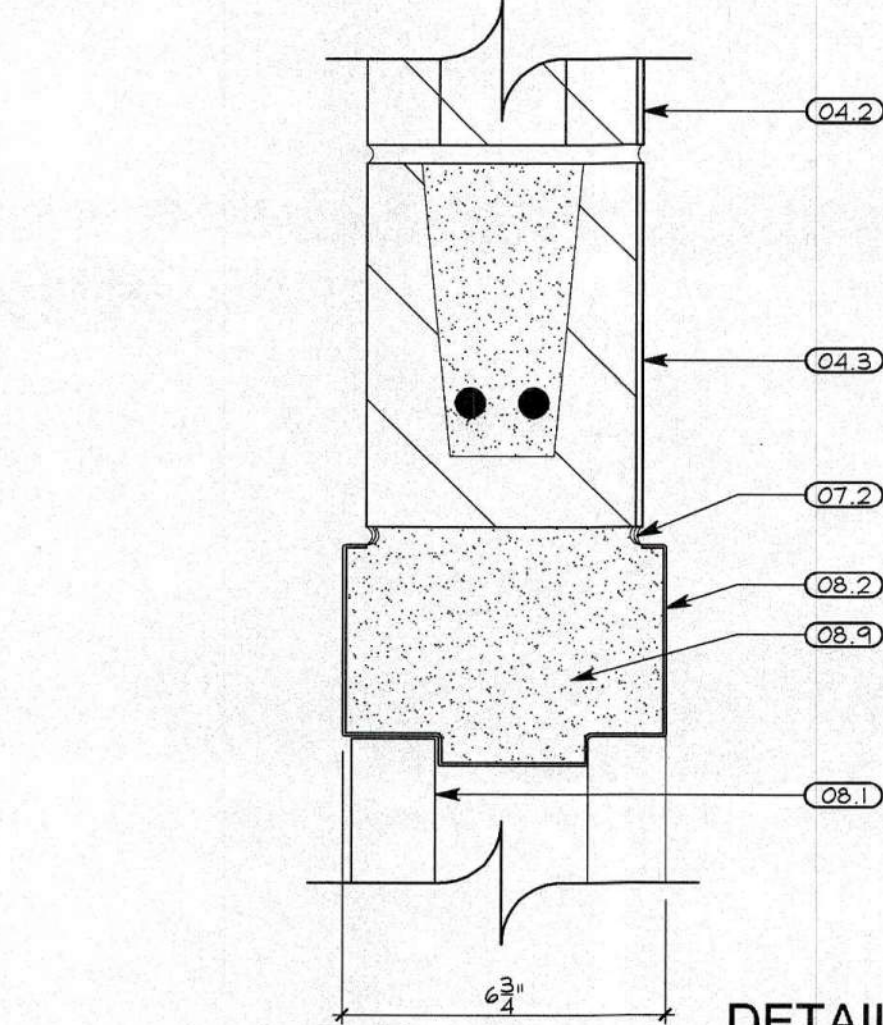
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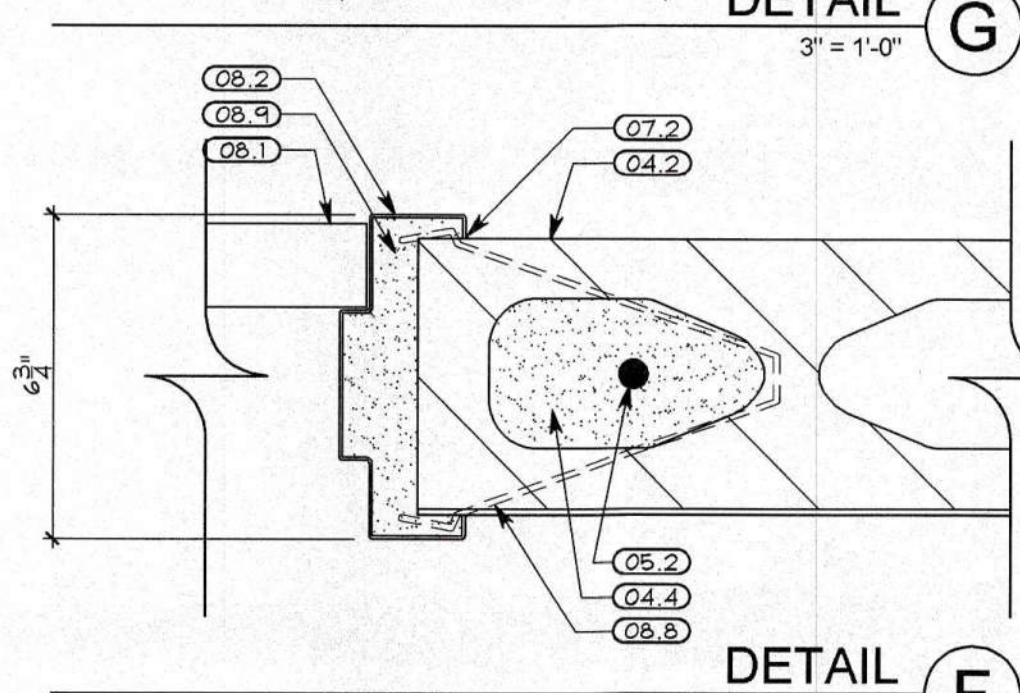
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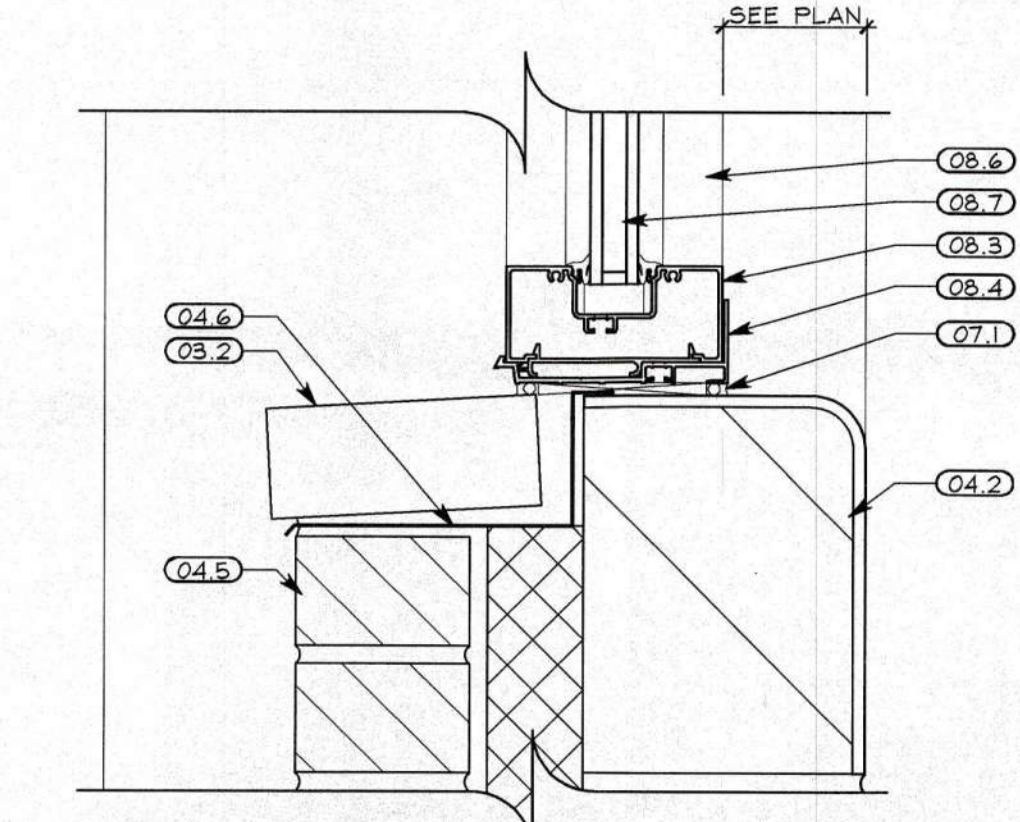
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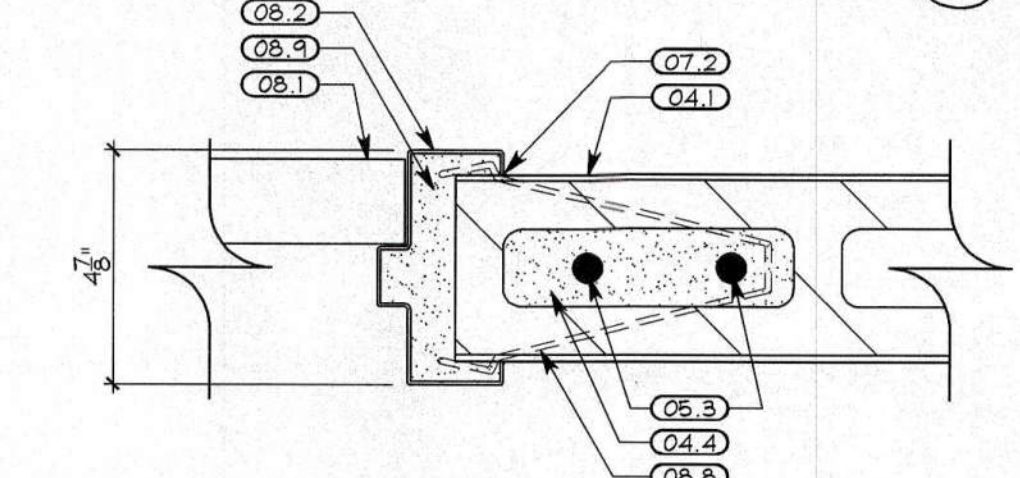
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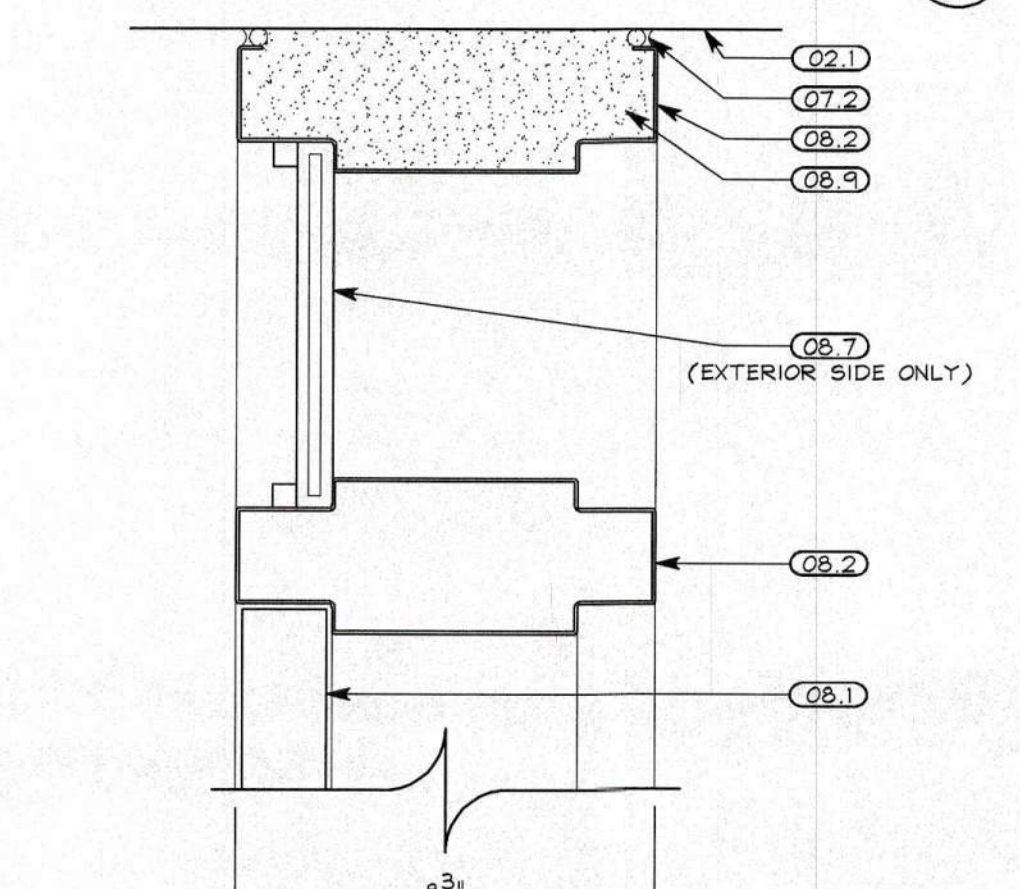
DETAIL F
3" = 1'-0"



DETAIL E
3" = 1'-0"



DETAIL D
3" = 1'-0"



DETAIL C
3" = 1'-0"

GENERAL NOTES: DOOR & WINDOW DETAILS

1. PROVIDE BATT INSULATION BETWEEN ALL WINDOW/DOOR FRAMES AND ROUGH OPENINGS PRIOR TO INSTALLING SEALANT AND BACKER ROD.

CODED NOTES: DOOR & WINDOW DTLS. (##)

NOTE: NOT ALL NOTES LISTED BELOW ARE NECESSARILY USED ON THIS SHEET. THE DIVISION OF KEY NOTING SYSTEM DOES NOT CONTROL THE DIVISION OF WORK AMONG TRADES NOR THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.

DIVISION 02 - EXISTING CONDITIONS

02.1 - EXISTING CONCRETE BEAM ABOVE. DO NOT DISTURB UNLESS OTHERWISE NOTED.
02.2 - EXISTING CONCRETE COLUMN. DO NOT DISTURB UNLESS OTHERWISE NOTED.

DIVISION 03 - CONCRETE

03.1 - CONCRETE SLAB-ON-GRADE.
03.2 - PRECAST CONCRETE SILL.
03.3 - (3) #4 BARS, 12" LONG CENTERED AT MID DEPTH OF CONCRETE SLAB, SPACED EQUALLY ACROSS WIDTH OF DOOR.
03.4 - NEW CONCRETE SIDEWALK ON GRAVEL BASE- SEE DETAIL E/A3.1
03.5 - EXPANSION JOINT AND SEALANT.

DIVISION 04 - MASONRY

04.1 - 4" CONCRETE MASONRY UNIT, SEE PLANS AND PARTITION SCHEDULE FOR GLAZING INFORMATION.
04.2 - 6" CONCRETE MASONRY UNIT, SEE PLANS AND PARTITION SCHEDULE FOR GLAZING INFORMATION.
04.3 - 6" BOND BEAM W/ (2) #5 REBAR CONT. IN CONCRETE FILL, SEE PLANS AND PARTITION SCHEDULE FOR GLAZING INFORMATION.
04.4 - GROUT CORE SOLID.
04.5 - 4" STANDARD FACE BRICK.
04.6 - FLASHING

DIVISION 05 - METALS

05.1 - 1/4" BENT GALVANIZED STEEL PLATE W/ 4" BEARING AT EACH END.
05.2 - #5 BAR VERTICAL REINFORCEMENT.
05.3 - #3 BAR VERTICAL REINFORCEMENT.

DIVISION 07 - THERMAL & MOISTURE PROTECTION

07.1 - CONTINUOUS SEALANT W/ BACKER ROD AS REQUIRED. (EACH SIDE OF FRAME)
07.2 - CONTINUOUS CAULK ALL AROUND BOTH SIDES OF FRAME.
07.3 - BATT INSULATION. SEE INSULATION SCHEDULE.

DIVISION 08 - OPENINGS

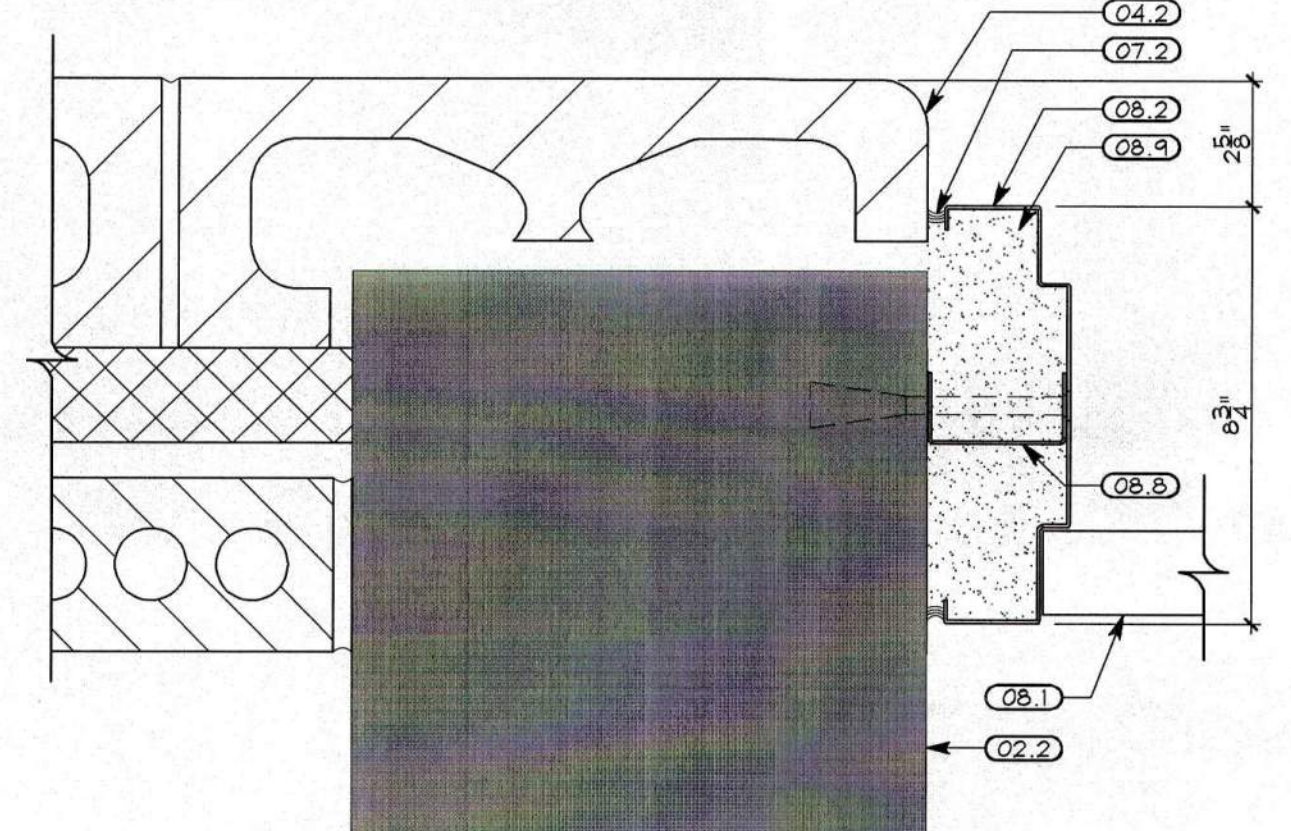
08.1 - DOOR TYPE VARIES - SEE DOOR SCHEDULE.
08.2 - HOLLOW METAL FRAME.
08.3 - 2" x 48" ALUMINUM STOREFRONT SYSTEM.
08.4 - ALUMINUM STOREFRONT SYSTEM SILL FLASHING W/ KEEPS.
08.5 - ADA COMPLIANT THRESHOLD.
08.6 - DOOR OR WINDOW FRAME BEYOND.
08.7 - GLAZING - REFER TO WINDOW SCHEDULE.
08.8 - ANCHORS AT JAMBS.
08.9 - GROUT HOLLOW METAL FRAME SOLID.
08.10 - 48" x 48" ALUMINUM STOREFRONT FRAME.
08.11 - ALUMINUM COMPENSATING RECEIVER.
08.12 - ALUMINUM BAR STOCK SHIM, AS REQUIRED
08.13 - SILL WEATHER STRIPPING
08.14 - METAL INFILL PANEL. FINISH TO MATCH ALUMINUM STOREFRONT SYSTEM.

DIVISION 09 - FINISHES

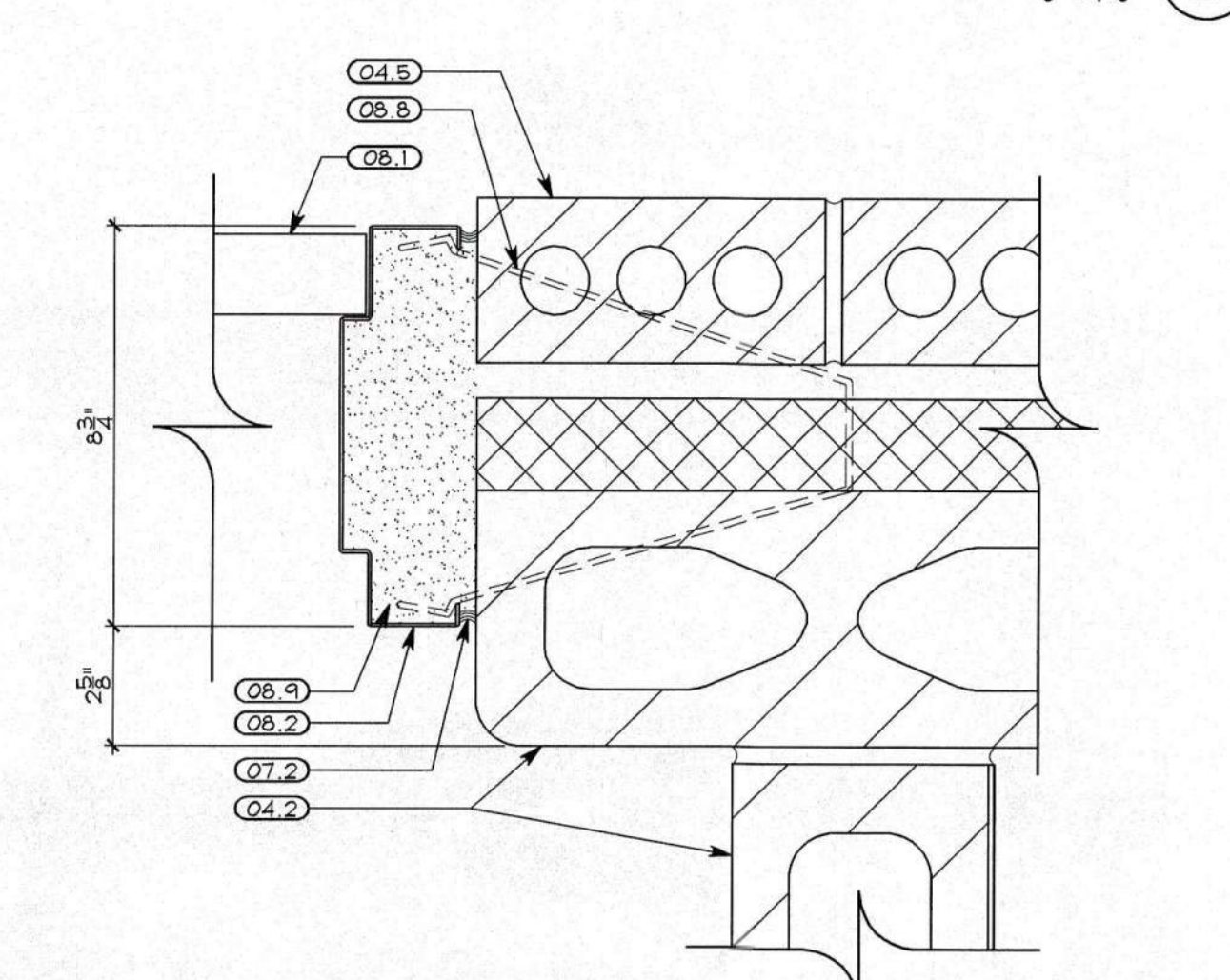
09.1 - SEAMLESS POLYMER TERRAZZO FLOORING SYSTEM

DIVISION 12 - FURNISHINGS

12.1 - RECESSED ROLL UP GRID WALK-OFF MAT AND FRAME



DETAIL B
3" = 1'-0"



DETAIL A
3" = 1'-0"

REVISIONS:
RECORD DOCUMENTS

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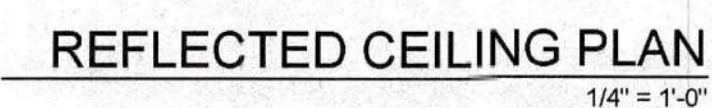
DOT-09061702
REST AREAS RENOVATIONS
AREA NO. 1035, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

**DOOR & WINDOW
DETAILS**

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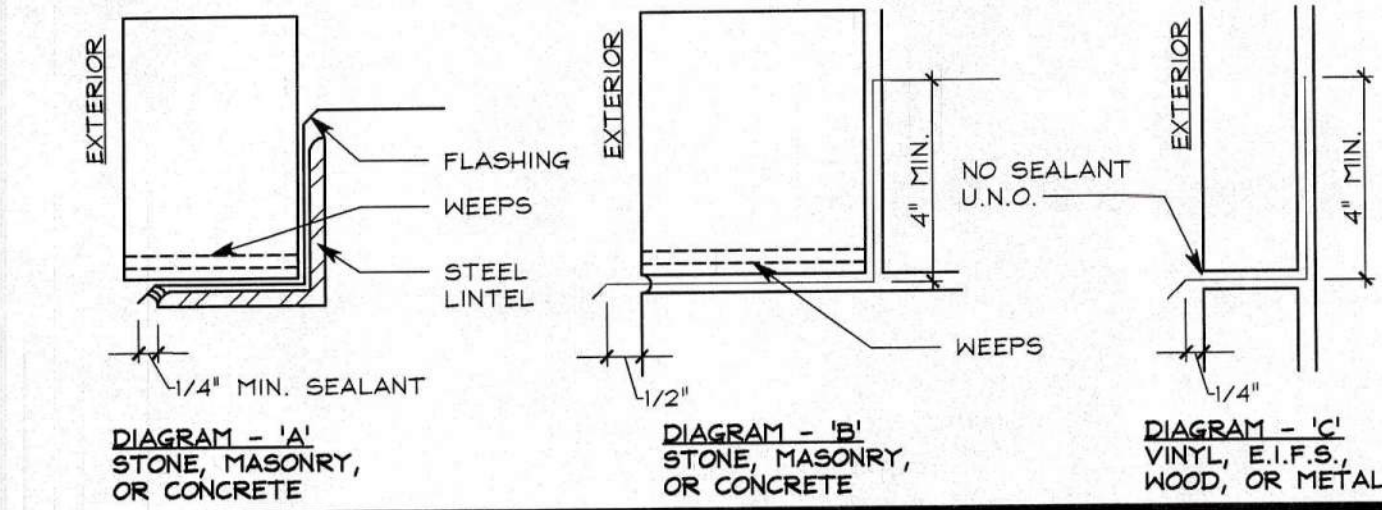
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BUILDING INSULATION SCHED. DIVISION 7			
MARK	DESCRIPTION	THICKNESS (TOTAL R-VALUE)	LOCATION
I-1	RIGID FOUNDATION INSULATION BOARD (EXTRUDED POLYSTYRENE)	2" (R-10)	PERIMETER FOUNDATION
I-2	MASONRY CAVITY WALL INSULATION BOARD (POLYISOCYANURATE)	2" (R-13)	EXTERIOR MASONRY WALLS
I-3	RIGID ROOF INSULATION BOARD (POLYISOCYANURATE)	VARIES, 2" MIN. (R-6.5 PER INCH)	ABOVE ROOF DECK, TAPER TO DRAIN, 1/4" PER 12" MIN.
I-4	FIBERGLASS BATT INSULATION	VARIES, SEE DRAWINGS FOR MIN. WALL THICKNESS (R-13)	AS REQUIRED AND AS SHOWN ON DRAWINGS

BUILDING INSULATION GENERAL NOTES

1. INSULATION LOCATIONS SHOWN IN SCHEDULE ARE INTENDED ONLY FOR CLARIFICATION PURPOSES & ARE NOT INTENDED TO BE ALL-ENCOMPASSING. PROVIDE EACH INSULATION TYPE AS REQUIRED TO FULLY MAINTAIN THE THERMAL INTEGRITY OF THE CONSTRUCTION ASSEMBLIES RELATED TO THE ENTIRE BUILDING ENVELOPE.

- GENERAL FLASHING NOTES
1. PROPERLY WEEP ALL FLASHING POINTS & NORMAL DRAINAGE POINTS WITH WEEPS NOT TO EXCEED 2'-0" O.C. MAX. SPACING. WEEP POINTS ARE TO BE LOCATED DIRECTLY ON TOP OF FLASHING.
 2. AT ALL OPENINGS, EXTEND HEAD FLASHING 8" MIN. BEYOND EACH SIDE OF OPENING. TURN FLASHING UP A MIN. OF ONE MASONRY COURSE IN HEAD JOINTS OR A MIN. OF 4" WHERE HEAD JOINTS DO NOT OCCUR, IN ORDER TO FORM A "WATER DAM."
 3. WHERE FLASHING IS LOCATED ON THE TOP OF STEEL ANGLES, EXTEND FLASHING @ THE TANGENT POINT OF THE ANGLE LEG OR A MIN. OF 1/4" FROM THE END ANGLE TO ALLOW FOR SEALANT APPLICATION AND/OR TOOLING OF THE JOINT. REFER TO DIAGRAM 'A.'
 4. WHERE FLASHING IS LOCATED IN MASONRY, EXTEND FLASHING A MIN. OF 1/2" BEYOND THE FACE OF THE MASONRY AND TURN DOWN TO ALLOW FOR PROPER DRIP & WATERTIGHT PROTECTION OF THE JOINT, U.N.O. REFER TO DIAGRAM 'B.'
 5. WHERE FLASHING IS LOCATED TO TERMINATE AND/OR SEPARATE MATERIALS, DO NOT SEAL (U.N.O.) - REFER TO DIAGRAM 'C.' WHERE IT IS DETERMINED BY THE MATERIAL MANUFACTURER OR OTHERWISE THAT SEALING IS REQUIRED (TO PREVENT WATER PENETRATION BEYOND FLASHING DUE TO WIND DRIVEN RAIN), THEN SEALANT MUST BE WEEPED IN ACCORDANCE WITH NOTE #1 ABOVE.
 6. UNLESS NOTED OTHERWISE, TURN FLASHING UP A MIN. OF 4" BEHIND APPROPRIATE MATERIALS.
 7. ALL FLASHING CONDITIONS, WHETHER DETAILED OR NOT, ARE TO BE IN ACCORDANCE WITH S.M.A.C.N.A. SPECIFICATIONS. WHERE ATYPICAL CONDITIONS OCCUR THAT ARE NOT DETAILED, FLASHING IS TO BE INSTALLED AS CLOSELY AS POSSIBLE TO THE S.M.A.C.N.A. DETAIL THAT MOST CLOSELY APPROXIMATES THE ACTUAL CONDITION.
 8. REFER TO JOINT SEALANT SCHEDULE FOR TYPES & LOCATIONS OF SEALERS. TYPICAL.
 9. UNLESS NOTED OTHERWISE, AT FLASHING HIGH POINTS, TURN FLASHING HORIZONTALLY INTO ADJACENT MASONRY COURSING OR SEAL WATER TIGHT TO BACK-UP SUBSTRATE IF MASONRY DOES NOT EXIST.



JOINT SEALANT SCHEDULE DIVISION 7			
EXT. "E" INT. "I"	CONDITION	TYPE	REMARKS
E	PERIMETER JOINTS OF ALL DOOR FRAMES, WINDOW FRAMES, STOREFRONT, AND/OR WINDOW WALL FRAME ASSEMBLIES, LOUVERS, FIXTURES, AND OTHER PENETRATIONS IN THE BUILDING ENCLOSURES NOT OTHERWISE SEALED WATERTIGHT. U.N.O. PROVIDE CONTINUOUS SEALANT UNDER EXTERIOR DOOR THRESHOLDS AND WINDOW SYSTEMS THAT REST DIRECTLY ON FLOOR SLAB.	JS-3	
E	MASONRY/CONCRETE CONTROL JOINTS IN WALLS	JS-3	
E	E.I.F.S. JOINTS IN WALLS	JS-3	
E	EXPANSION JOINTS IN AND AROUND CONCRETE PAVEMENT, UNIT PAVEMENT, CURBS, OR OTHER HORIZONTAL SURFACES.	JS-5	
E	PERIMETER JOINTS AND ALL OTHER OPEN JOINTS AT EXTERIOR SOFFITS.	JS-3	
E	INTERSECTION OF DISSIMILAR MATERIALS THAT ALLOW AIR OR WATER INFILTRATION.	JS-3	
E	INTERSECTION OF DISSIMILAR MATERIALS IN WHICH INSTALLATION IS NOT UNIFORM OR WHERE WORKMANSHIP DOES NOT MEET ACCEPTABLE CONSTRUCTION TOLERANCES, BUT SUCH WORKMANSHIP IS ACCEPTED BY THE ARCHITECT.	JS-3	
I	PERIMETER JOINTS ON INTERIOR SIDE OF DOOR FRAMES, WINDOW FRAMES, AND ALL OTHER FRAMED MATERIALS IN WALLS WITH NO FINISHED EDGE FLANGE.	JS-5	
I	OPEN JOINTS AT PENETRATIONS THROUGH WALLS, CONCRETE, PLASTER, OR GYP. BD. CEILINGS WHERE INTENDED TO BE TIGHT SEALED JOINTS.	JS-5	
I	OPEN JOINT BETWEEN DISSIMILAR MATERIALS WHERE INTENDED TO BE TIGHT SEALED JOINTS.	JS-5	
I	JOINTS WHERE EDGE TRIM OF GYP. BD. ABUTTS IRREGULAR SURFACES OR OTHER SURFACES AND LEAVES OPEN JOINTS.	JS-5	
I	EXPOSED JOINTS AT JUNCTURES OF COUNTERTOPS, CABINETS, OR OTHER 'BUILT-IN' WORK WITH IRREGULAR SURFACES INTENDED TO BE TIGHT SEALED JOINT.	JS-4	
I	EXPOSED JOINTS AT JUNCTURES OF WALL MOUNTED PLUMBING FIXTURES AND/OR TOILET ACCESSORIES WITH IRREGULAR SURFACES AND INTENDED TO BE TIGHT SEALED JOINT.	JS-2	
I	CONTROL JOINTS, SAWN JOINTS AND OPEN JOINTS IN AND AROUND CONCRETE PAVEMENT, UNIT PAVEMENT, CURBS AND OTHER HORIZONTAL SURFACES.	JS-4	SELF LEVELING

JOINT SEALANT NOTES

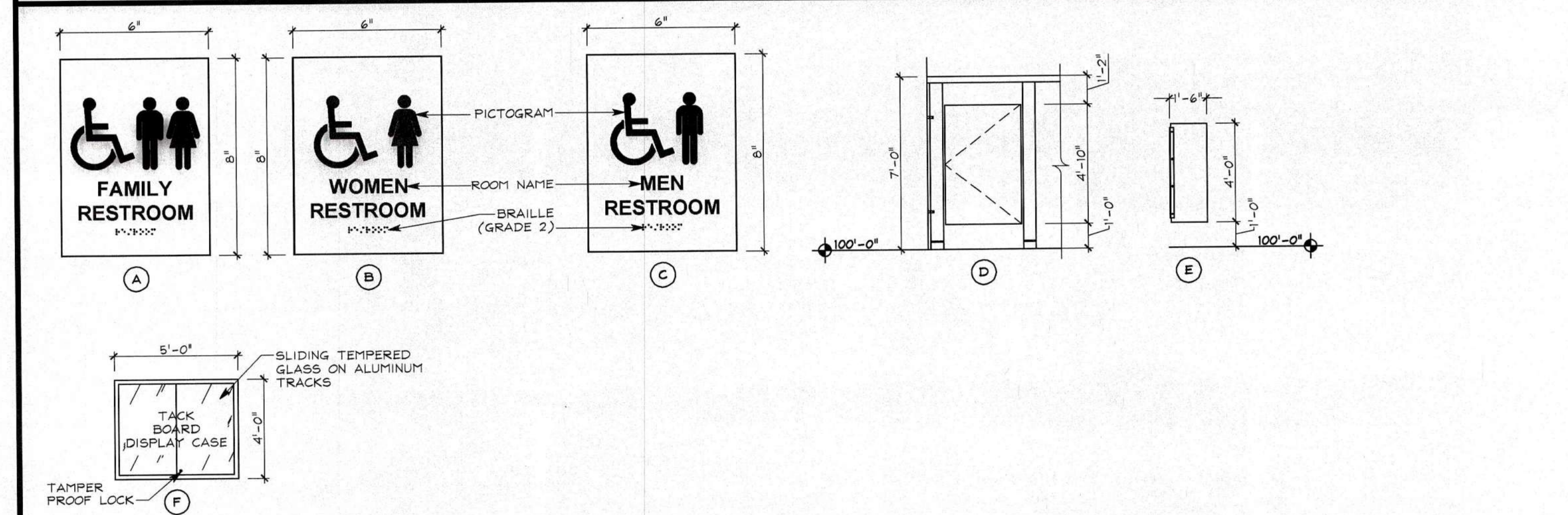
1. THE JOINT TREATMENT SCHEDULE IS INTENDED TO ILLUSTRATE ALL JOINT CONDITIONS WHICH ARE MEANT TO BE SEALED WHETHER REFERENCED FROM OTHER DETAILS OR NOT.
2. AT ALL HOLLOW METAL FRAME LOCATIONS (DOORS, WINDOWS, ETC.) HOLD FRAME BACK FROM SUBSTRATE 3/8" @ HEAD & SILL AND 3/16" @ JAMB TO ALLOW FOR SEALANT, TYPICAL U.N.O. THIS INCLUDES DIMENSIONS FOR STEEL LINTELS WHERE APPLICABLE.
3. PROVIDE PROPER SEALERS AS REQUIRED TO FULLY CLOSE ALL JOINTS THAT ARE INTENDED TO BE TIGHT AND AS SHOWN ON THE DRAWINGS.

SPECIALITY SCHEDULE ("SP-#") DIVISION 10				ACCESSORY SCHEDULE ("A-#") DIVISION 10			
MARK	DESCRIPTION	TYPE	REMARKS	MARK	DESCRIPTION	MOUNTING HT.	REMARKS
SP-1	TOILET ROOM SIGNAGE (FAMILY)	A	CENTER UNIT @ 60" A.F.F.	A-1A	SURFACE MOUNTED TOILET TISSUE DISPENSER	1'-7" A.F.F. TO CENTER UNIT	LOCATE UNIT 6" FROM RIM OF W.C.
SP-2	TOILET ROOM SIGNAGE (WOMEN)	B	CENTER UNIT @ 60" A.F.F.	A-2	1 1/2" DIA. x 36" L GRAB BAR (REAR WALL)	CENTER UNIT 2'-10" A.F.F.	LOCATE 6" FROM PERP. WALL
SP-3	TOILET ROOM SIGNAGE (MEN)	C	CENTER UNIT @ 60" A.F.F.	A-3	1 1/2" DIA. x 42" L GRAB BAR (SIDE WALL)	CENTER UNIT 2'-10" A.F.F.	LOCATE 12" FROM PERP. WALL
SP-4	FLOOR MOUNTED, OVER-HEAD BRACED TOILET COMPARTMENT	D		A-4	24" x 36" FRAMED MIRROR	B.O. UNIT 3'-4" A.F.F. SEE ACCESSORY GENERAL NOTE 2.	MIRROR GLASS TO BE TEMPERED U.N.O.
SP-5	WALL MOUNTED URINAL SCREEN	E		A-5	MOP/BROOM HOLDER	B.O. UNIT 5'-0" A.F.F.	SEE PLANS FOR LOCATIONS
SP-6	FIRE EXTINGUISHER AND BRACKET	-	T.O. UNIT @ 54" A.F.F.	A-6A	SOAP DISPENSER	SEE ACCESSORY GENERAL NOTE 2.	-
SP-7	TACKBOARD DISPLAY CASE	F	T.O. UNIT @ 7'-2" A.F.F.	A-7A	RECESS WASTE RECEPTACLE	T.O. UNIT 3'-6" A.F.F. (OPTIMAL FOR BARRIER FREE DESIGN)	-
				A-7B	SURFACE MOUNTED WASTE RECEPTACLE	B.O. UNIT 6" A.F.F.	-
				A-BB	HAND DRYER	UNIT MOUNTED WITH CONTROL BUTTON 48" A.F.F.	ROOMS 103 & 106; USE RECESS MOUNTING FOR ADAAG PROJECTION REQUIREMENTS
				A-9	BABY CHANGING STATION	B.O. UNIT 33" A.F.F.	-

SPECIALITY GENERAL NOTES

1. PROVIDE SIGNAGE AT EACH TOILET ROOM LISTED ON ROOM FINISH SCHEDULE.
 2. PROVIDE MASONRY FASTENERS (TAMPERPROOF) FOR ALL ACCESSORIES / SPECIALITES MOUNTED AT CMU.
- ACCESSORY GENERAL NOTES
1. LOCATE ALL ACCESSORIES IN ACCORDANCE WITH SCHEDULE, FEDERAL, STATE, AND LOCAL CODES AND MANUFACTURERS' RECOMMENDATIONS. CONTRACTOR SHALL IDENTIFY EXACT PLACEMENT OF ACCESSORIES IN SHOP DRAWINGS.
 2. SOAP DISPENSERS PROVIDED BY OWNER. CONTRACTOR SHALL INSTALL 6" WIDE VINYL BLOCKING AS REQUIRED.

SPECIALITY TYPES



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DATE ISSUED:
28-OCT-11

REGISTERED PROFESSIONAL ARCHITECT
STATE OF OHIO

NOTES & SCHEDULES

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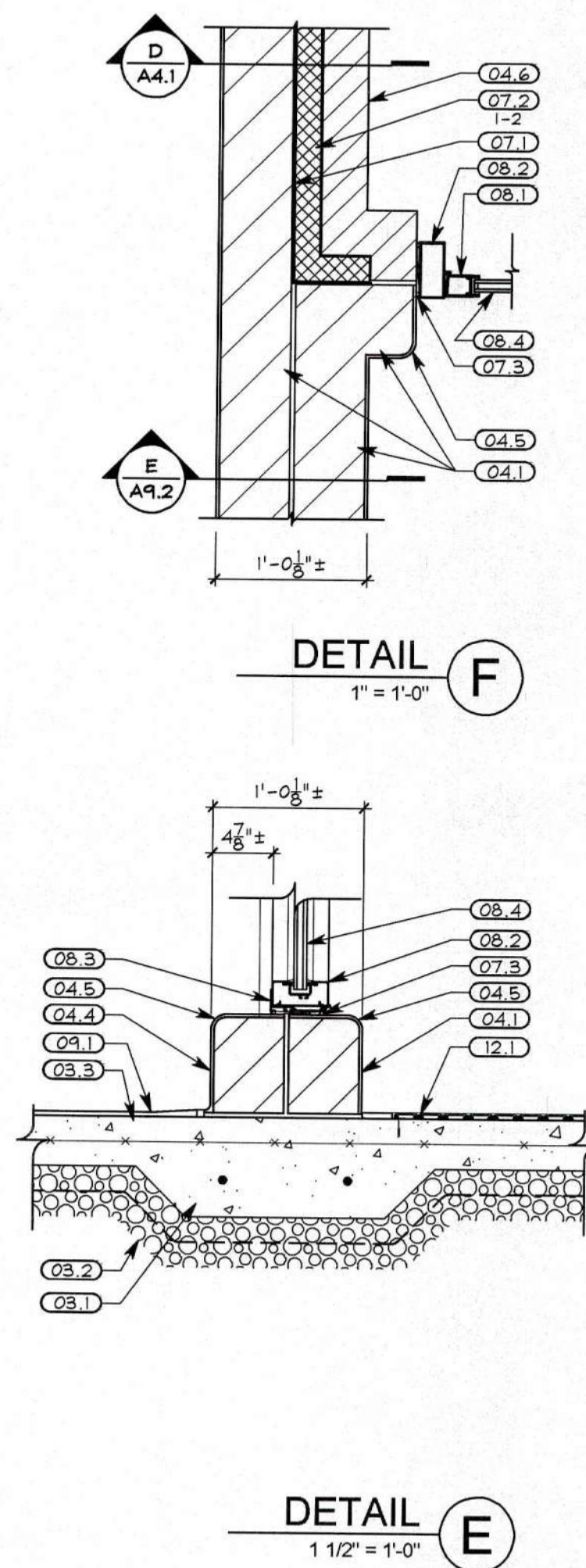
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AREA NO. 103, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

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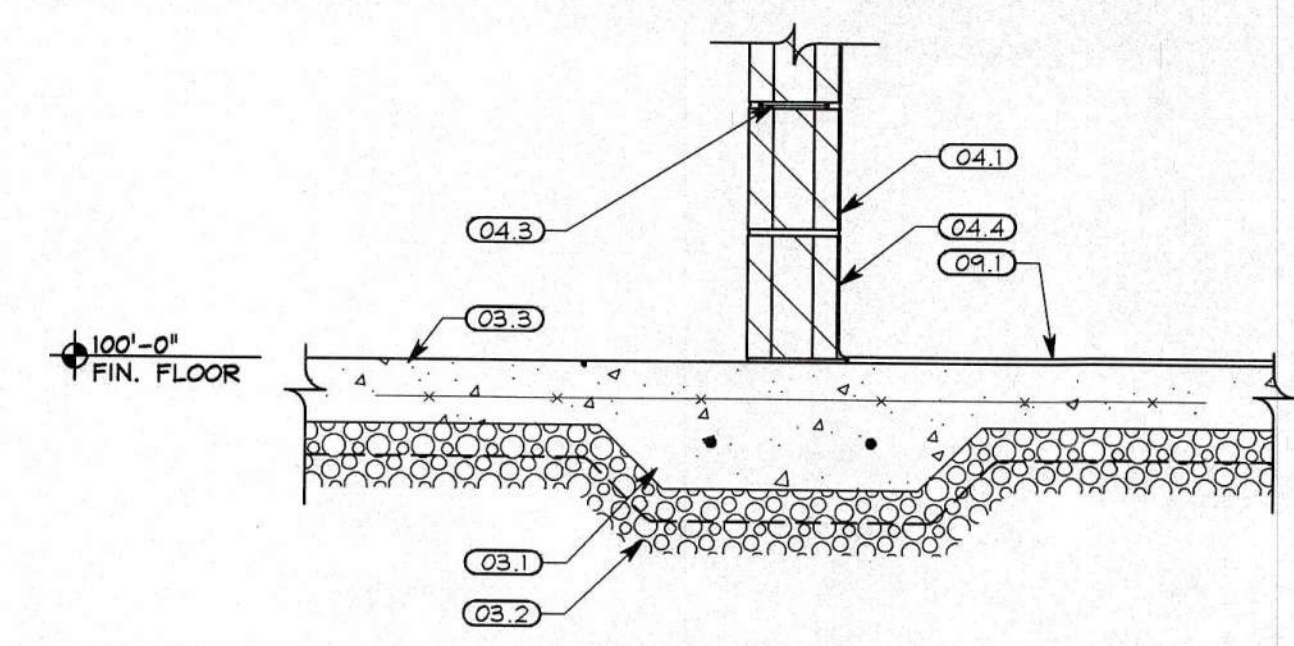
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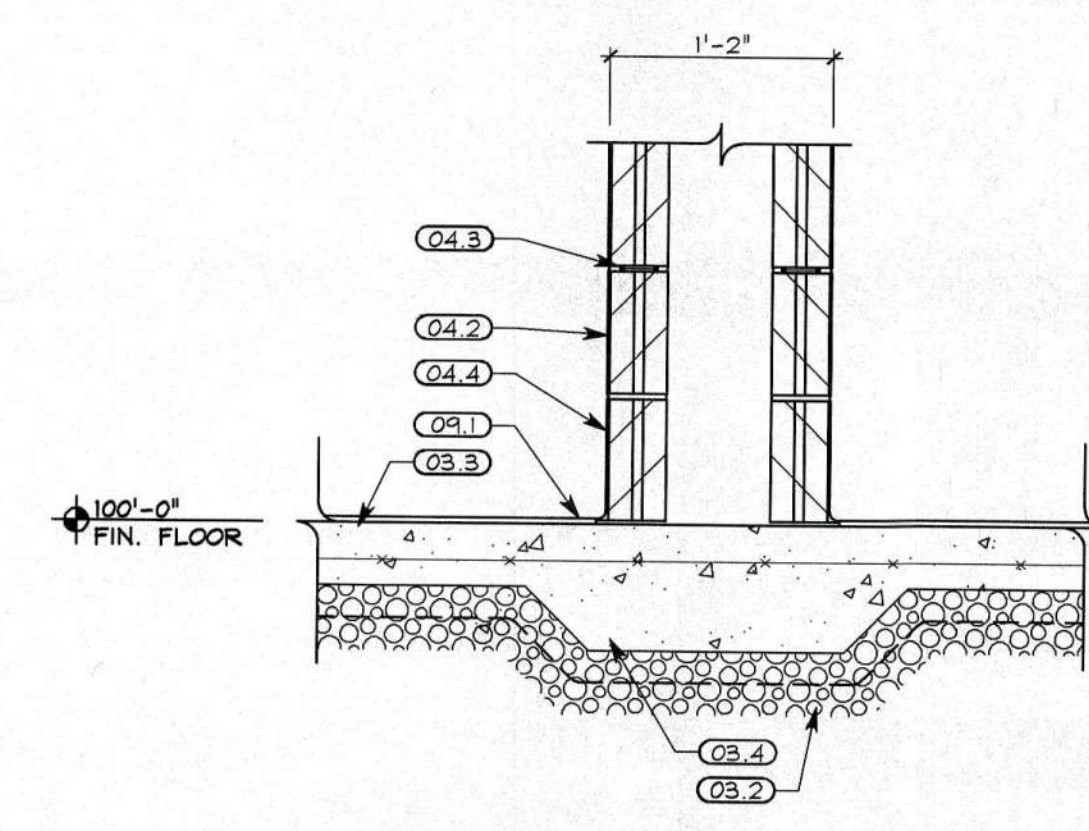
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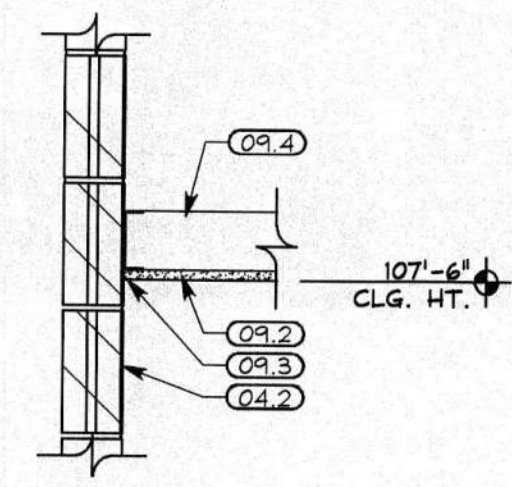
DETAIL E
1 1/2" = 1'-0"



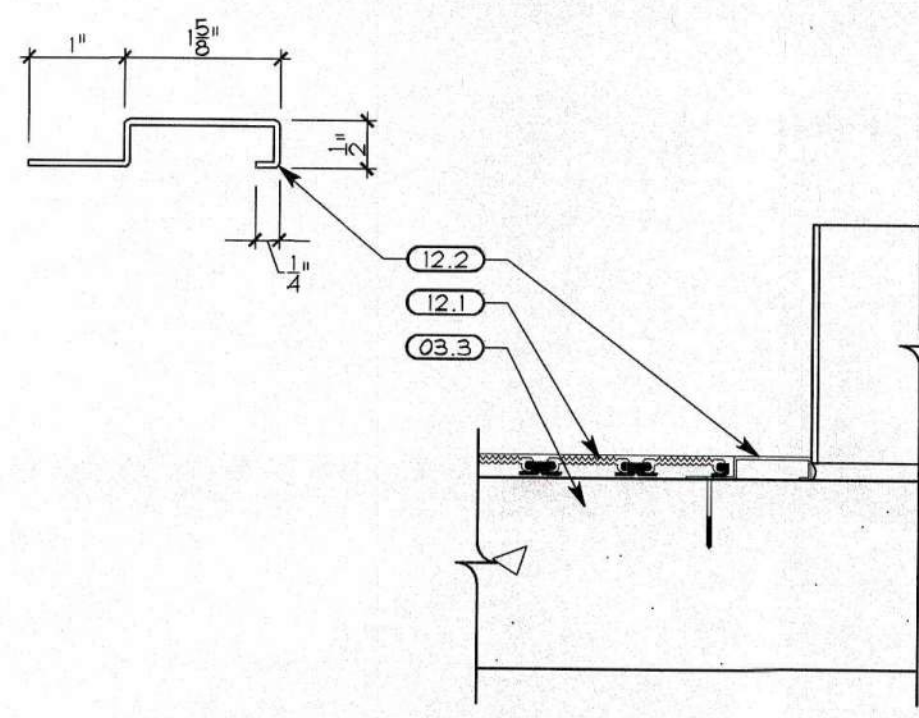
DETAIL A
1" = 1'-0"



DETAIL B
1" = 1'-0"



DETAIL C
1" = 1'-0"



DETAIL D
3" = 1'-0"

GENERAL NOTES: INTERIOR DETAILS

1. PREP SUBSTRATES AND INSTALL FINISHES PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

CODED NOTES: INTERIOR DETAILS

DIVISION 03 - CONCRETE

- 03.1 - 2'-0" X 8" THICKENED SLAB WITH (2) #5 CONT. IN DIRECTION OF HALL, FULL LENGTH.
- 03.2 - 4" COMPACTED GRAVEL BASE WITH VAPOR BARRIER AT MIDPOINT
- 03.3 - 4" CONCRETE SLAB REINFORCED WITH 6"x6"-WI.4 WELDED WIRE FABRIC PLACED AT MID-DEPTH OF SLAB.
- 03.4 - THICKENED SLAB

DIVISION 04 - MASONRY

- 04.1 - 6" GLAZED CMU. SEE PLANS AND PARTITION SCHEDULE FOR GLAZING INFORMATION
- 04.2 - 4" GLAZED CMU. SEE PLANS AND PARTITION SCHEDULE FOR GLAZING INFORMATION
- 04.3 - HORIZONTAL JOINT REINFORCEMENT @ 16" O.C.
- 04.4 - GLAZED CMU WITH COVE BASE
- 04.5 - PROVIDE BULLNOSE FINISH AT ALL EXPOSED CORNERS
- 04.6 - 4" STANDARD FACE BRICK

DIVISION 07 - THERMAL & MOISTURE PROTECTION

- 07.1 - DAMPROOFING
- 07.2 - 2" RIGID INSULATION. REFER TO INSULATION SCHEDULE.
- 07.3 - SEALANT WITH BACKER ROD AS REQUIRED

DIVISION 08 - OPENINGS

- 08.1 - ALUMINUM STOREFRONT DOOR. SEE DOOR SCHEDULE.
- 08.2 - 2" X 4 1/2" ALUMINUM STOREFRONT SYSTEM.
- 08.3 - ALUMINUM STOREFRONT SYSTEM SILL FLASHING W/ WEEPS.
- 08.4 - GLAZING - REFER TO WINDOW SCHEDULE.

DIVISION 09 - FINISHES

- 09.1 - TERRAZZO FLOORING SYSTEM. PROVIDE SEAMS AS REQUIRED AT CONSTRUCTION JOINTS AT SLAB ON GRADE.
- 09.2 - 5/8" GYPSUM WALL BOARD. PAINT
- 09.3 - 1/2" BEAD
- 09.4 - 3 5/8" METAL STUD JOISTS SUSPENDED FROM STRUCTURE AS REQUIRED WITH METAL HANGERS.

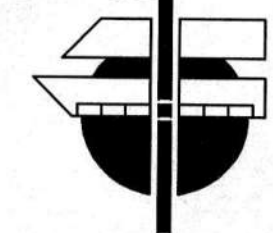
DIVISION 12 - FURNISHINGS

- 12.1 - ROLL UP GRID WALK-OFF MAT.
- 12.2 - ALUMINUM FRAME

INTERIOR DETAILS



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REST AREAS RENOVATIONS
AREA NO. 1035, DISTRICT 10
US-35 E. GALLIA COUNTY, OHIO



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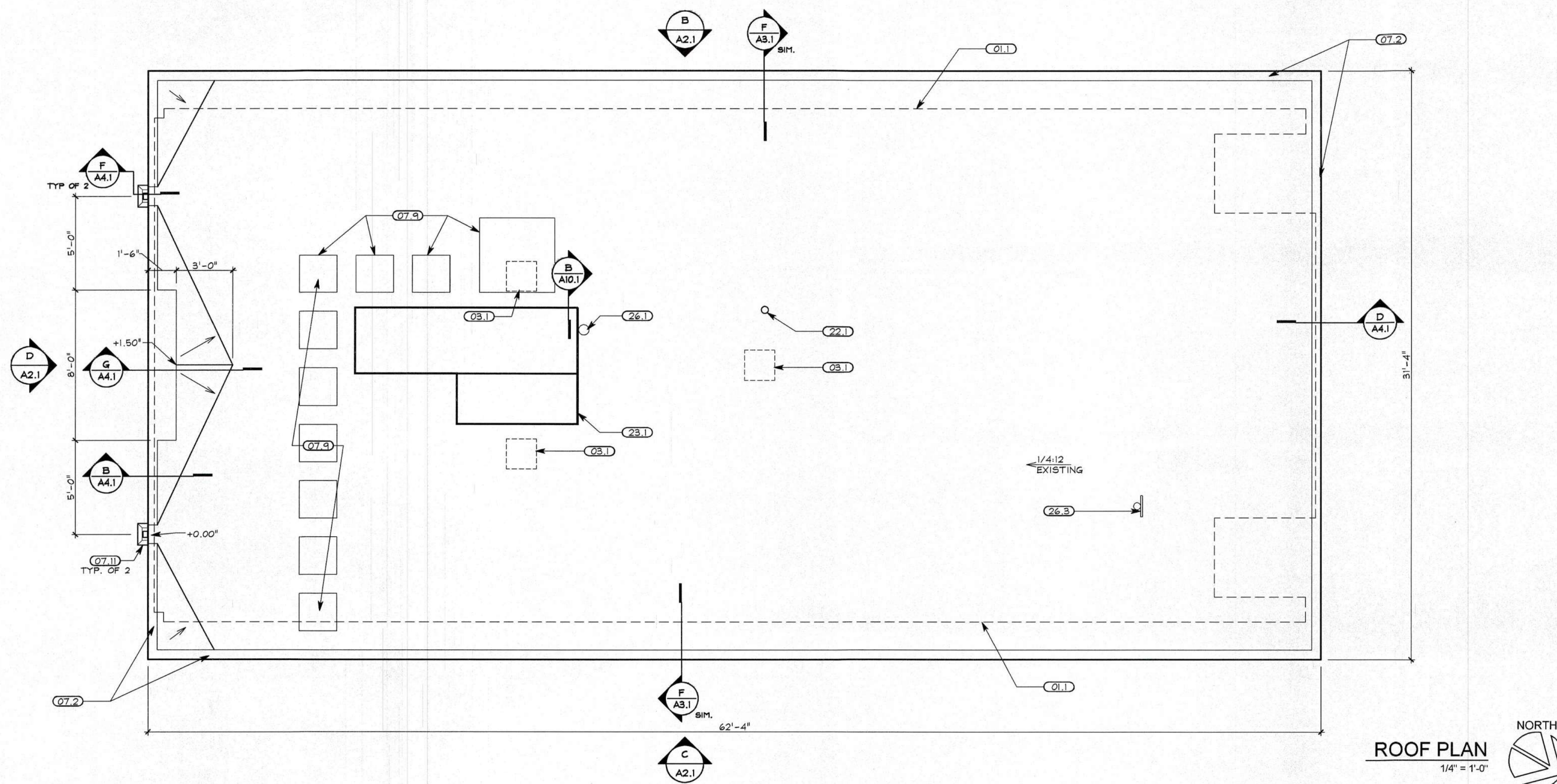
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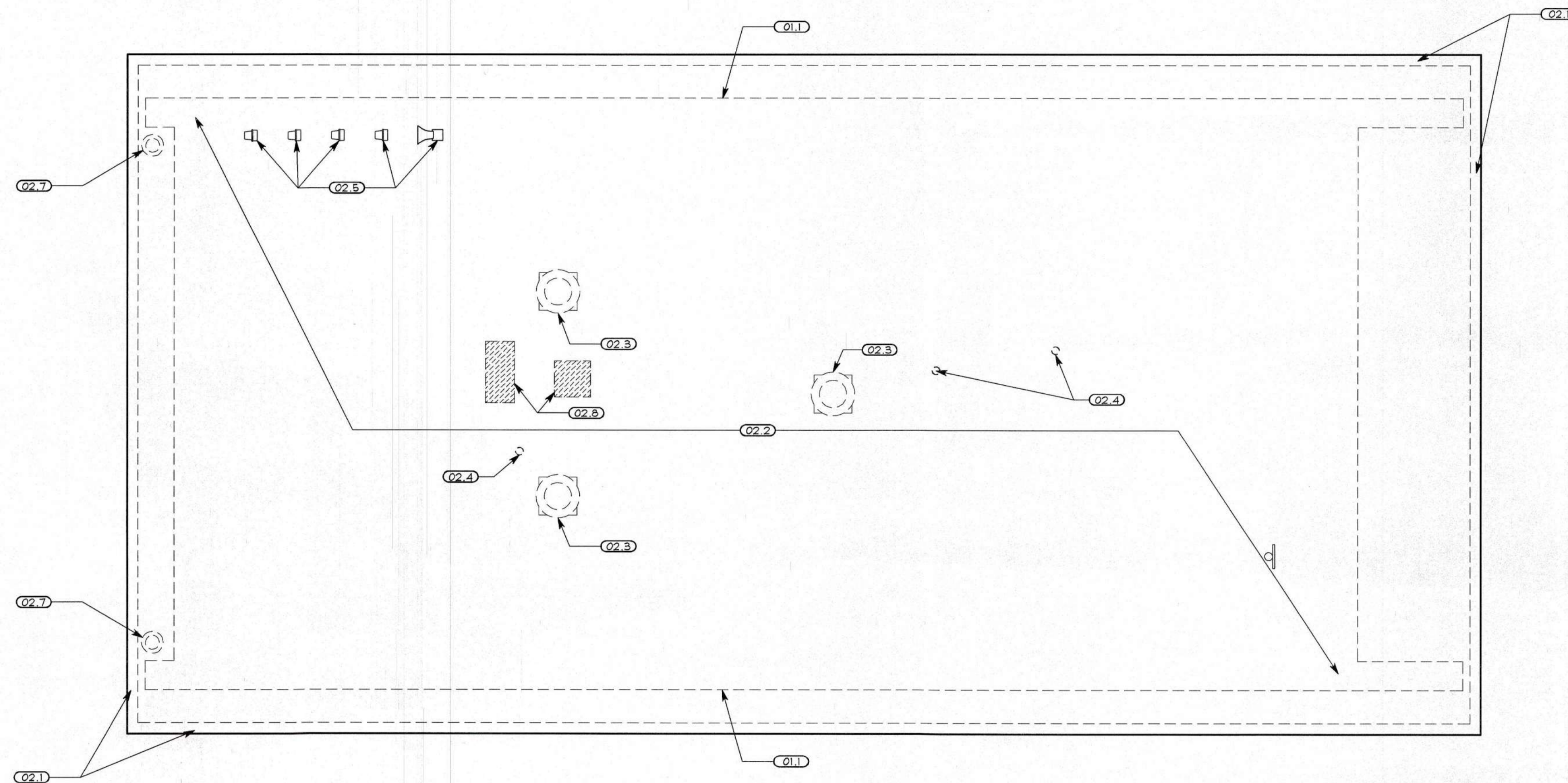
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DATE ISSUED:
28 OCT 11
*INDICATES NO REVISION TO THE SHEET



ROOF PLAN
1/4" = 1'-0"



ROOF DEMOLITION PLAN
1/4" = 1'-0"

GENERAL NOTES: ROOF PLAN

- ALL CURBS, VENT STACKS, AND ROOF PENETRATIONS TO BE PAINTED TO MATCH SHINGLES. PROVIDE PROVIDE ROOFING MANUFACTURER'S STANDARD DETAILS UNLESS NOTED OTHERWISE.
- ALL GUTTERS, DOWNSPOUTS, GRAVEL STOPS, FLASHINGS, LOUVERS, SCREENS ARE TO FABRICATED PER ARCHITECTURAL METAL SHEET METAL MANUAL AS PUBLISHED BY SHACNA.
- COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, VENTS, EXHAUST FANS, AND/OR PIPING WITH HVAC AND PLUMBING SHEETS. (ALL PENETRATIONS MAY NOT BE SHOWN, COORDINATE AS REQUIRED)
- PROVIDE SELF-ADHERING SHEET UNDERLAYMENT MEMBRANE EXTEND 3'-0" FROM ALL EAVES AND RAKES, 3'-0" EITHER SIDE OF ALL VALLEYS, RIDGES, AND HIPS.
- ALL EXPOSED FLASHING, COPINGS, FASCIA, GUTTERS, DOWNSPOUTS SHALL BE PRE-FINISHED - COLOR AS SELECTED BY OWNERS REPRESENTATIVE.
- ALL "OVERFRAMED" ROOF AREAS ARE TO VENTED. PROVIDE A MINIMUM 22"x35" OPENING IN LOWER ROOF SHEATHING TO ALLOW AIR MOVEMENT THROUGH TO UPPER ROOF SHEATHING.

CODED NOTES: ROOF PLAN

DIVISION 01 - GENERAL REQUIREMENTS

- 01.1 - DASHED LINE INDICATES EXTENT OF STRUCTURE BELOW.

DIVISION 02 - EXISTING CONDITIONS

- 02.1 - REMOVE ALL EXISTING METAL FASCIA AND TRIM INCLUDING ALL WOOD BLOCKING.
02.2 - REMOVE EXISTING ROOFING MATERIAL, VENTS, BALLAST AND INSULATION DOWN TO CONCRETE DECK.
02.3 - REMOVE EXISTING VENTILATION FANS AND CURBS.
02.4 - REMOVE EXISTING SANITARY VENTILATION STACKS.
02.5 - REMOVE EXISTING ELECTRONIC EQUIPMENT. LOCATIONS AND QUANTITY DEPICTED ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATIONS AND QUANTITIES. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
02.6 - EXISTING CONCRETE ROOF DECK. CLEAN AND REFINISH. REFER TO FINISH SCHEDULE.
02.7 - REMOVE EXISTING ROOF DRAIN AND DOWNSPOUTS.
02.8 - CUT NEW OPENING IN EXISTING PRECAST CONCRETE ROOF PLANK FOR HVAC DUCTWORK. COORDINATE EXACT LOCATIONS AND SIZES WITH HVAC CONTRACTOR

DIVISION 03 - CONCRETE

- 03.1 - INFILL OPENINGS IN EXISTING CONCRETE ROOF DECK. SEE DETAIL C/A4.1.
03.2 - CUT EXISTING CONCRETE ROOF DECK AS REQUIRED BY ROOF TOP EQUIPMENT MANUFACTURER.

DIVISION 06 - WOOD, PLASTICS AND COMPOSITES

- 06.1 - WOOD NAILER

DIVISION 07 - THERMAL & MOISTURE PROTECTION

- 07.1 - FULLY ADHERED TPO ROOF MEMBRANE OVER MINIMUM 2" RIGID INSULATION OVER EXISTING CONCRETE DECK.
07.2 - PREFINISHED COPING AND FASCIA.
07.3 - PRE-MOLDED PIPE FLASHING
07.4 - STAINLESS STEEL CLAMPING RING
07.5 - WATER CUT-OFF MASTIC
07.6 - FASTENER AND FASTENING PLATE, AS REQUIRED PER MFR.
07.7 - WELD, AS REQUIRED PER MFR.
07.8 - PREFINISHED METAL FLASHING.
07.9 - TPO WALKPAD
07.10 - TPO OVER TAPERED INSULATION CRICKET. SLOPE 1/2" MIN.
07.11 - 12" WIDE SCUPPER WITH PREFINISHED METAL CONDUCTOR HEAD AND 4"x3" DOWNSPOUT.

DIVISION 22 - PLUMBING

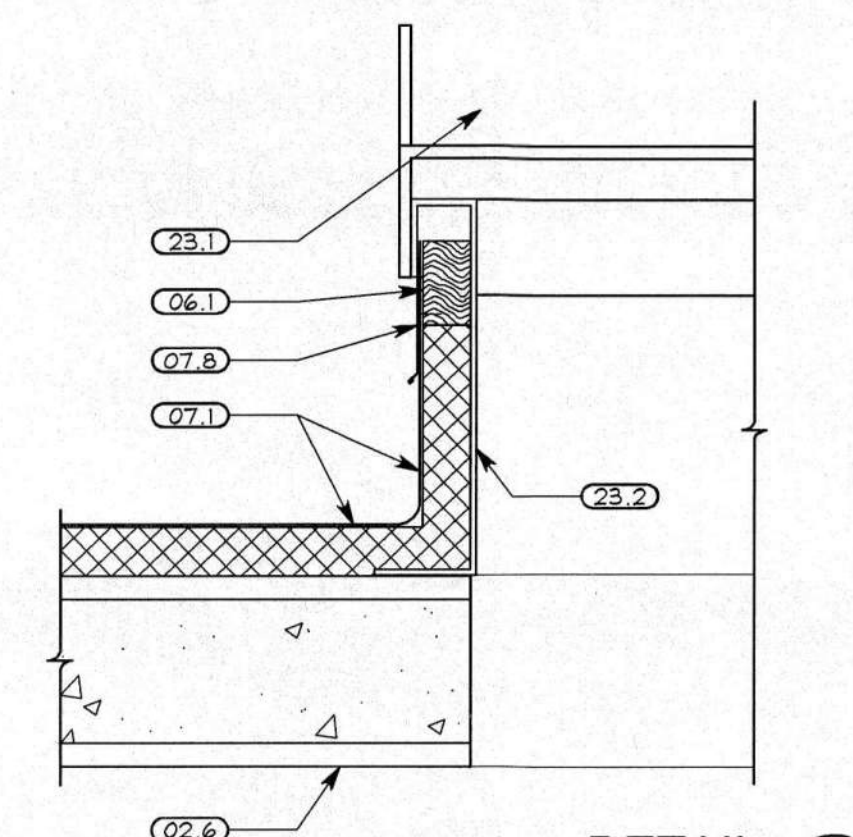
- 22.1 - SANITARY ROOF VENT, WATERPROOFING BY ROOFING CONTRACTOR. SEE DETAIL A/A10.1

DIVISION 23 - HVAC

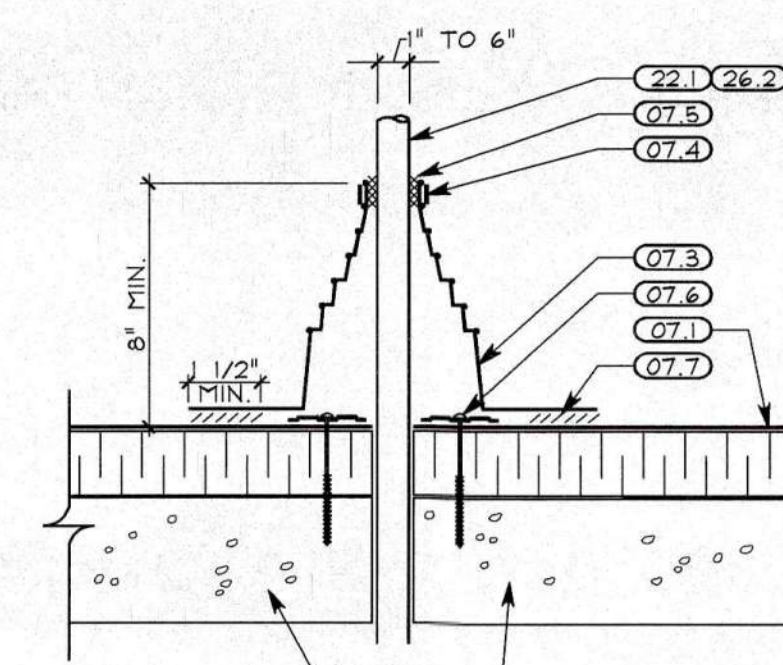
- 23.1 - NEW ROOF TOP EQUIPMENT. 2,000# MAXIMUM OPERATING WEIGHT. SEE HVAC SHEETS FOR ADDITIONAL INFORMATION
23.2 - ROOF TOP EQUIPMENT CURB

DIVISION 26 - ELECTRICAL

- 26.1 - ELECTRICAL OUTLET FOR SERVICE.
26.2 - CONDUIT, WATERPROOFING BY ROOFING CONTRACTOR. SEE DETAIL A/A10.1.
26.3 - LIGHT FIXTURE. SEE ELECTRICAL SHEETS.



DETAIL B
1 1/2" = 1'-0"



DETAIL A
3" = 1'-0"

ROOF PLAN

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DATE ISSUED:
28-OCT-11

GENERAL NOTES

- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING RELATED TO HIS WORK. RESPONSIBILITY IS ANYTHING THAT IS REQUIRED BY HIS WORK THAT IS NOT INDICATED ON THE ARCHITECTURAL DRAWINGS. REFER TO THE GENERAL CONDITIONS OF THE SPECIFICATIONS.
- ALL PLUMBING PIPING, EQUIPMENT, AND FIXTURES TO BE REMOVED SHALL BE DEMOLISHED BY THE GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL DISCONNECT WATER SUPPLY AND SANITARY MAIN FROM THE BUILDING PIPING SYSTEMS PRIOR TO DEMOLITION. PLUMBING CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL DEMOLITION OF PIPING BELOW GRADE. ALL EXISTING PLUMBING EQUIPMENT TO REMAIN SHALL BE IDENTIFIED BY THE PLUMBING CONTRACTOR PRIOR TO THE START OF DEMOLITION.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING ANY EXISTING CW SUPPLY LINE THAT IS LEAVING THIS BUILDING. RECONNECT TO THE NEW CW PIPING SYSTEM. CONNECTION TO THE CW PIPING IN THE CHASE SHALL BE DOWNSTREAM OF A LINE SIZE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER. PROVIDE A SHUT OFF VALVE IN THE CHASE AREA TO CONTROL THE SUPPLY LINE LEAVING THE BUILDING.
- WHEN THE DOMESTIC WATER SUPPLY TO THE BUILDING OR A CW LINE IS ROUTED UNDER THE BUILDING FLOOR SLAB AND A CONNECTION IS REQUIRED TO A FITTING OR EXTENSION OF THE PIPING THE CONNECTION SHALL BE BRAZED NOT SOLDERED. THIS APPLIES TO ALL DOMESTIC WATER PIPING UNDER THE BUILDING.
- WHEN THERE IS A DOMESTIC CW LINE SERVING THE VENDING MACHINE BUILDING ON THE PROJECT THIS CONTRACTOR SHALL PROVIDE FOR WINTERIZING THE LINE. PRIOR TO HAVING THE ELECTRIC POWER TERMINATED ON THIS BUILDING THIS CONTRACTOR SHALL REMOVE ALL OF THE WATER FROM THE VENDING MACHINE BUILDING. PROVIDE COMPRESSED AIR AND BLOW OUT ALL WATER OR DRAIN IN A MANNER THAT WILL PREVENT ANY OF THE DOMESTIC WATER PIPING IN THE VENDING MACHINE BUILDING OR UNDERGROUND FROM FREEZING AND POTENTIALLY DAMAGING THE PIPING SYSTEM. POWER FROM THE RESTROOM BUILDING SERVES THE VENDING MACHINE BUILDING HEATING SYSTEM.

PLUMBING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
CW	DOMESTIC COLD WATER LINE	CG	P-TRAP (PLAN VIEW)
D	DRAIN LINE	C	CAPPED LINE
F	FIRE PROTECTION LINE	HC	HOSE BIBB
G	GAS LINE (NATURAL)	EW	EXISTING WORK TO REMAIN
HW	HOT WATER LINE (DOMESTIC)	EW	EXISTING WORK TO BE REMOVED
HWR	HOT WATER RETURN (DOMESTIC)	PC	PIPE BRANCH TOP CONNECTION
IND	INDIRECT WASTE LINE	PB	PIPE BRANCH BOTTOM CONNECTION
SAN	SANITARY LINE	PF	PIPE FLANGES
GREASE	KITCHEN GREASE SANITARY LINE	PU	PIPE UNION
STM	STORM LINE	CB	COMB. BALANCE & STOP VALVE
SW	SORTED WATER	BV	BALL VALVE
TP	TRAP PRIMER LINE	GV	GATE VALVE (SCREWED BODY)
TW	TEMPERED WATER (DOMESTIC)	GV	GATE VALVE (FLANGED BODY)
V	VENT LINE	CV	CHECK VALVE
W	WATER SERVICE LINE	GO	GAS COOK OR BALANCE VALVE
CB	CURB BOX & VALVE	FD	FLOOR DRAIN
CE	CONNECT TO EXISTING	FL	FLOOR OR AREA DRAIN
TH	THRU FLOOR AS SHOWN	TM	THERMOMETER
J	JANITOR OR SHOWER FAUCET/HEAD LOCATION		

PLUMBING ABBREVIATIONS

AB.	DESCRIPTION	H.B.	DESCRIPTION
A.F.F.	ABOVE FINISHED FLOOR	J.R.	JANITORS RECEPTOR
APPROX.	APPROXIMATELY	LAV.	LAVATORY
BEL.	BELOW	M.H.	MANHOLE
C.I.	CAST IRON	MFR.	MANUFACTURER
C.L.	Ceiling	MECH.	MECHANICAL
C.O.	CLEAN OUT	PLBG.	PLUMBING
CONN.	CONNECT	REQD.	REQUIRED
CONTR.	CONTRACTOR	R.D.	ROOF DRAIN
DN.	DOWN	RM.	ROOM
D.S.	DOWNSPOUT	SH.	SHOWER
ELEC.	ELECTRICAL	THRM.	THERMOMETER
E.W.C.	ELECTRIC WATER COOLER	TYP.	TYPICAL
EXT.	EXISTING	UR.	URINAL
F.D.	FLOOR DRAIN	V.T.R.	VENT THRU ROOF
F.V.	FLUSH VALVE	W.	WASTE
INV. ELEV.	INVERT ELEVATION	W/	WITH
		WC	WATER CLOSET

CODED NOTES

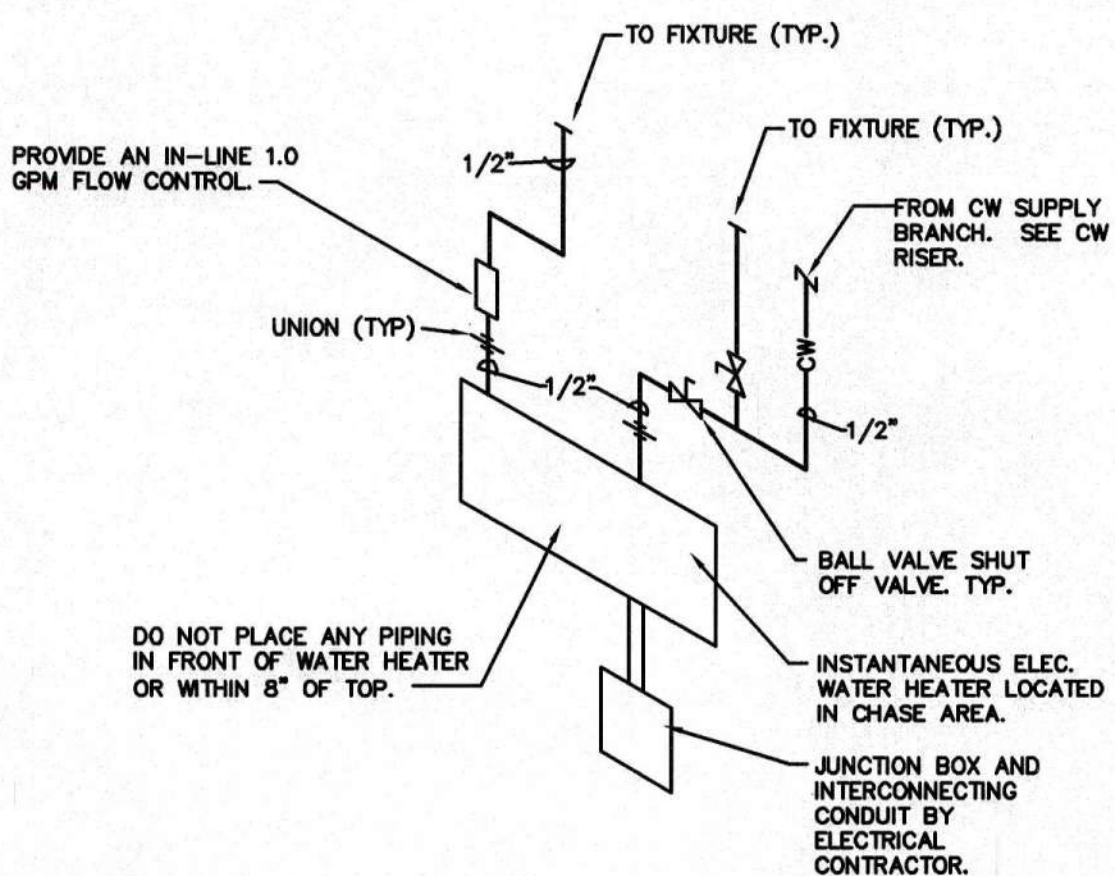
- REMOVE EXISTING VENT THRU THE ROOF. PATCH AND SEAL ROOF WATERTIGHT.
- REMOVE EXISTING PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. REFER TO NEW WORK PLAN.
- REMOVE EXISTING DOMESTIC WATER WALL MOUNTED HOSE BIBB AND ALL ASSOCIATED PIPING.
- REMOVE EXISTING WATER HEATER AND ALL ASSOCIATED PIPING. REFER TO NEW WORK PLAN.
- REMOVE EXISTING SANITARY PIPING TO 30 FEET OUTSIDE OF BUILDING. FIELD VERIFY LOCATION AND MAKE NECESSARY ADJUSTMENTS AT NO ADDITIONAL COST. SEE NEW WORK PLAN.
- REMOVE EXISTING WATER METER FOR REINSTALLATION AND REMOVE ALL ASSOCIATED PIPING. CAP WATER SERVICE 30 FEET OUTSIDE OF THE BUILDING FOR RECONNECTION UNDER NEW WORK PLAN.
- REMOVE EXISTING DOMESTIC COLD WATER WALL MOUNTED HOSE BIBB IN BOX. NEW HOSE BIBB TO BE INSTALLED UNDER NEW WORK.
- EXISTING FLOOR DRAIN TO BE REMOVED. REFER TO NEW WORK PLAN.
- REMOVE EXISTING DOMESTIC WATER PIPING TO 30 FEET OUTSIDE OF BUILDING. FIELD VERIFY EXISTING PIPING AND MAKE NECESSARY ADJUSTMENTS AT NO ADDITIONAL COST. SEE NEW WORK PLAN.
- REMOVE EXISTING THERMOSTATIC MIXING VALVE STATION AND ALL ASSOCIATED PIPING. REFER TO NEW WORK PLAN.

PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURE NOTES:

- UNLESS INDICATED OTHERWISE, THE ARCHITECT SHALL SELECT THE FIXTURE COLOR/FINISH FROM THE MANUFACTURER'S FULL RANGE OF STANDARD OPTIONS.
- UNLESS INDICATED OTHERWISE, ALL EXPOSED METALLIC COMPONENTS TO BE FINISHED WITH POLISHED CHROME FINISH, INCLUDING FAUCETS, TRAPS, STOPS, ETC.
- UNLESS INDICATED OTHERWISE, ALL EXPOSED PIPING SHALL BE FINISHED WITH POLISHED CHROME FINISH BRASS ESCUTCHEONS AT ALL WALL/CABINET PENETRATIONS AND FIXTURE CONNECTIONS.

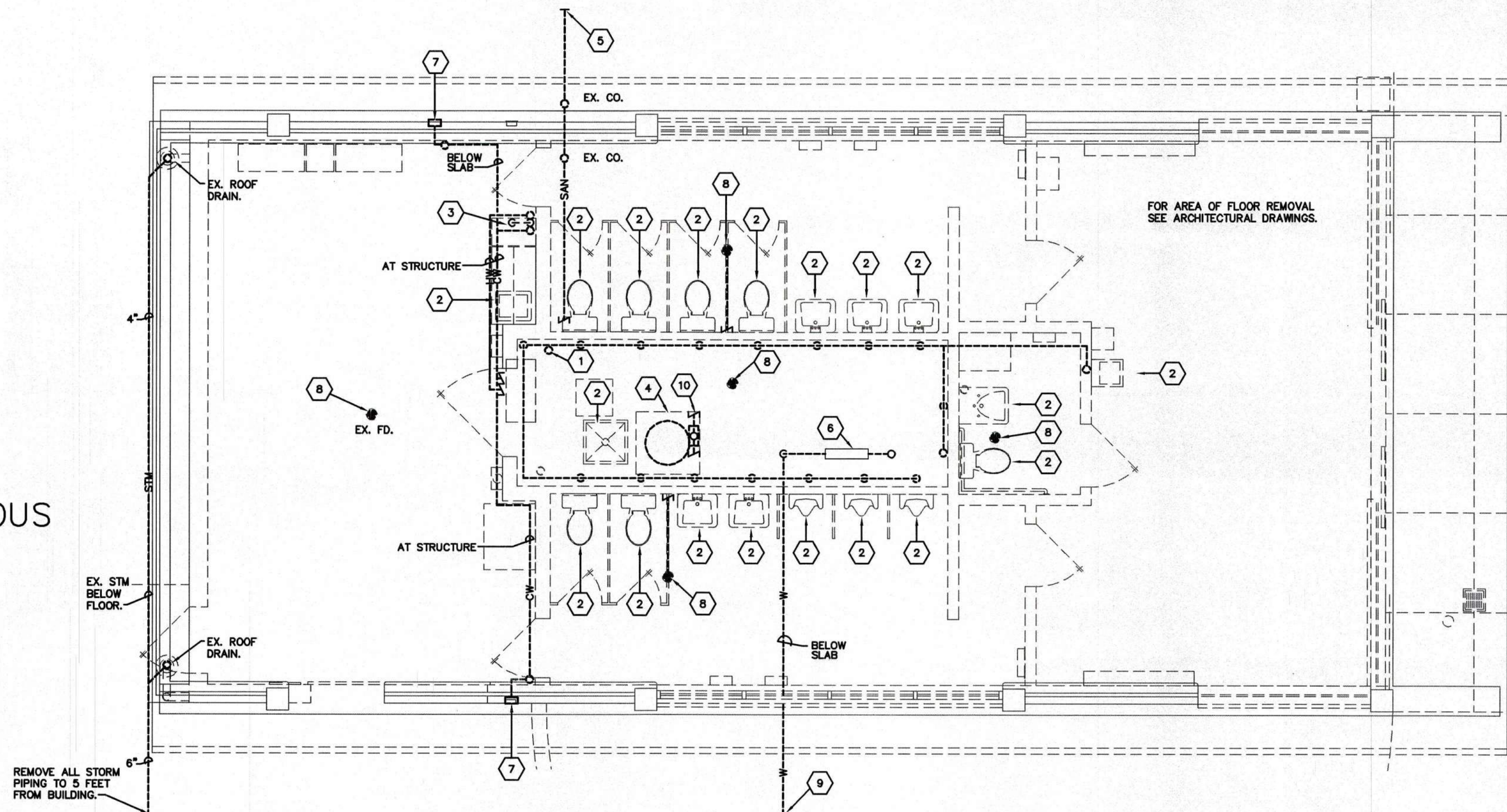
FIXTURE	MANUFACTURER	REMARKS	PIPE SIZE
WC-1 (HANDICAP ACCESSIBLE)	AMERICAN STANDARD FLOOR MOUNTED BACK OUTLET; PRILO NO. 3697.016 (1.6 GPF). ELONGATED BOWL, BACK SPUD INLET.	FIXTURE; SLOAN REGAL OPTIMA FLUSH VALVE MODEL 140-1.8-ES-S (1.6 GPF) CONCEALED, SENSOR OPERATE WATER CLOSET FLUSH VALVE. SELF-ADAPTIV INFRARED SENSOR WITH INDICATOR LIGHT, CHROME PLATED WALL COVER PLATE WITH VANDAL RESISTANT SCREWS, VACUUM BREAKER, NON-HOLD OPEN VALVE. PROVIDE 24 VOLT POWER THRU TRANSFORMER FROM 120 VOLT POWER.	1"
WC-2	AMERICAN STANDARD FLOOR MOUNTED BACK OUTLET; SLOAN FV, BEIMS SEAT, ZURN CARRIER	FIXTURE; AMERICAN STD. WALL HUNG; AFWALL NO. 3353.160 (1.6 GPF) CONCEALED, SENSOR OPERATE WATER CLOSET FLUSH VALVE. SELF-ADAPTIV INFRARED SENSOR WITH INDICATOR LIGHT, CHROME PLATED WALL COVER PLATE WITH VANDAL RESISTANT SCREWS, VACUUM BREAKER, NON-HOLD OPEN VALVE. PROVIDE 24 VOLT POWER THRU TRANSFORMER FROM 120 VOLT POWER.	1"
UR-1 (HANDICAP ACCESSIBLE)	AMERICAN STANDARD FLOOR MOUNTED BACK OUTLET; SLOAN FV, ZURN CARRIER	FIXTURE; AMERICAN STD. WALL HUNG; WASHBROOK MODEL NO. 8508.011 (1 GPF). BACK SPUD 3/4" INLET, 2" OUTLET.	3/4"
UR-2	SLOAN FV, ZURN FURNITURE	FIXTURE; ZURN WATERLESS URINAL MODEL NO. 25795 SERIES. 2" I.P.S. OUTLET, 14" EXTENDED RM. CHINAL URINAL, PROVIDE GALLON OF GREEN SEALANT, MODEL ZGS-120 OZ. PROVIDE INSTRUCTIONS IN LAMINATED PLASTIC.	3/4"
LAV-1 (HANDICAP ACCESSIBLE)	AMERICAN STANDARD FLOOR MOUNTED BACK OUTLET; SLOAN FV, ZURN CARRIER	FIXTURE; AMERICAN STD. WALL HUNG; LUCERNE NO. 0355.012, 4" FAUCET HOLE CENTERS, 20.5" X 18.25" NOMINAL SIZE.	1/2"
LAV-2	AMERICAN STANDARD FLOOR MOUNTED BACK OUTLET; SLOAN FV, ZURN CARRIER	FIXTURE; AMERICAN STD. WALL HUNG; LUCERNE NO. 0355.012, 4" FAUCET HOLE CENTERS, 20.5" X 18.25" NOMINAL SIZE.	1/2"
MS-1	FIAT	FIXTURE; FIAT MODEL NO. 830-AA WITH INTEGRAL STOPS & VACUUM BREAKER.	1/2"



EW-1; EW-2; INSTANTANEOUS WATER HEATER DIAGRAM

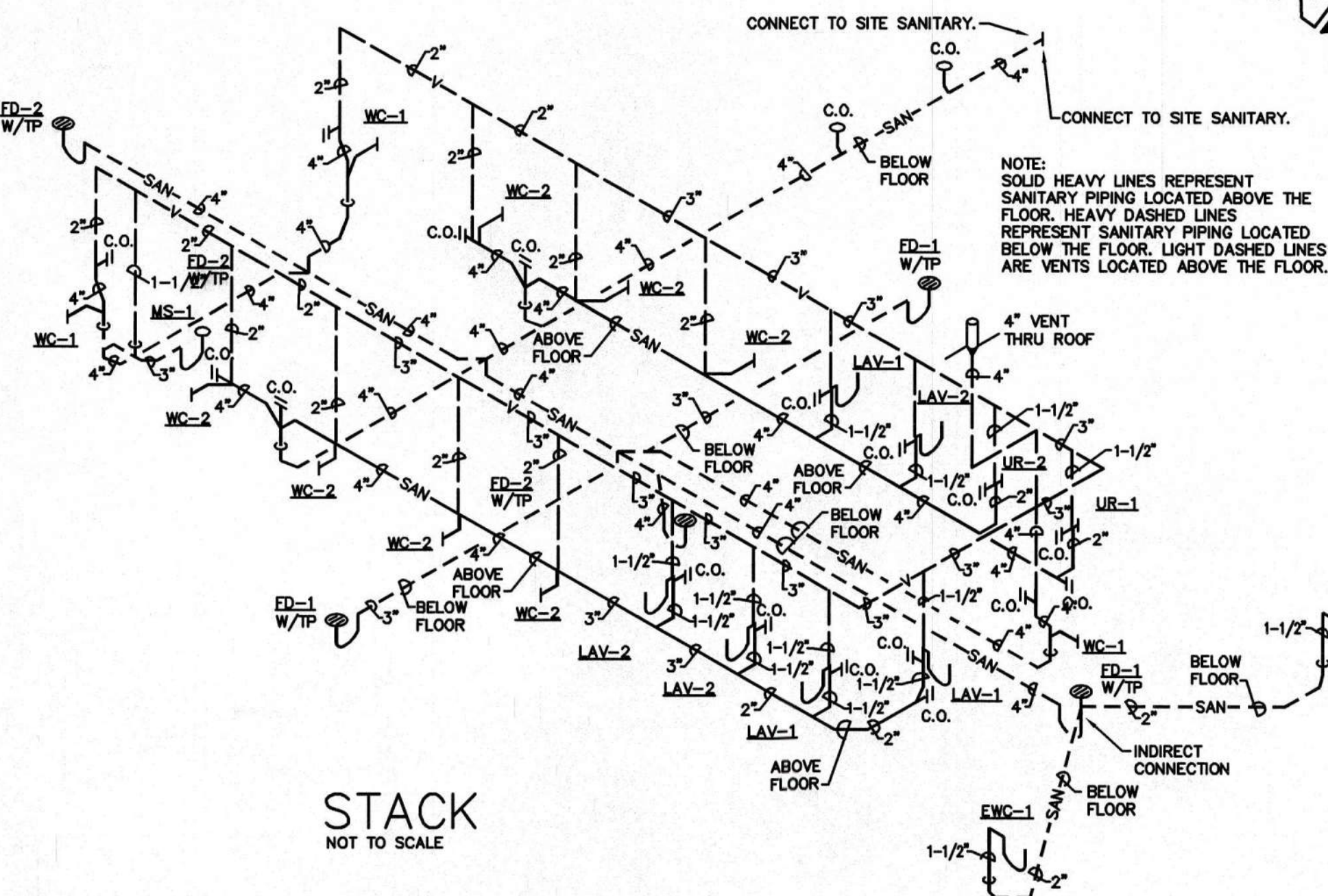
FIXTURE MOUNTING HEIGHT

- ADA WATER CLOSET = 17" MINIMUM TO 19" MAXIMUM TO THE TOP OF THE SEAT FROM THE FINISHED FLOOR.
- REGULAR HEIGHT WATER CLOSET = 15" TO TOP OF CHINA FROM FINISHED FLOOR.
- ADA URINAL = 17" ABOVE FINISHED FLOOR TO TOP OF CHINA.
- REGULAR HEIGHT URINAL = 19" TO 24" ABOVE FINISHED FLOOR TO TOP OF CHINA. REFER TO MANUFACTURE RECOMMENDATIONS.
- ADA LAVATORY = 34" TO RIM OF CHINA FROM FINISHED FLOOR.
- REGULAR HEIGHT LAVATORY = 31" TO RIM OF CHINA FROM FINISHED FLOOR.
- ADA ELECTRIC WATER COOLER = 36" TO THE SPOUT OUTLET FROM FINISHED FLOOR.
- REGULAR HEIGHT WATER COOLER = 34-1/2" TO THE SPOUT OUTLET FROM THE FINISHED FLOOR.



FIRST FLOOR PLUMBING DEMOLITION PLAN

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



STACK
NOT TO SCALE

PLUMBING EQUIPMENT

TRAP PRIMER VALVE ASSEMBLY

SIMILAR TO SIOUX CHIEF PRIME PERFECT SERIES 695 WITH A MAXIMUM WORKING PRESSURE OF 250 PSIG, PRESSURE ACTIVATED AT A MINIMUM OF 10 PSIG DIFFERENTIAL. 1/2" FEMALE INLET, 1/2" MALE OUTLET, INTEGRAL SEDIMENT SCREEN, DIAPHRAGM ADJUSTMENT NUT, VACUUM BREAKER, FIELD ADJUSTABLE WATER DISCHARGE RATE, CERTIFIED BY THE AMERICAN SOCIETY OF SANITARY ENGINEERING TO ASSE 1018-2001 SPECIFICATIONS, AND LISTED BY THE UPC/APMO. VALVE TO BE FURNISHED WITH DISTRIBUTION MANIFOLD WHERE REQUIRED BY TRAP PRIMER SUPPLY TO MULTIPLE FLOOR DRAINS. MANIFOLD TO SERVE A MAXIMUM OF (8) FLOOR DRAINS WITH INDIVIDUAL/DEDICATED TRAP PRIMER SUPPLY LINE TO EACH FLOOR DRAIN INDICATED. INSTALLATION TO BE PER MANUFACTURER'S RECOMMENDATIONS.

HR-1: EXTERIOR HOSE BIBB

SIMILAR TO ZURN NO. 2-1300 WITH RECESSED NICKLE BRONZE BOX WITH KEY LOCK MOUNTING, LID LABELED "WATER" INTEGRAL BACKFLOW PREVENTOR, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING, ALL BRONZE INTERIOR PARTS, BRONZE FITTINGS, REPLACABLE BRONZE SEAT AND SEAT WASHER, 3/4" HOSE THREAD OUTLET, LOOSE KEY OPERATOR, AND STAINLESS STEEL FACE.

EW-1: ELECTRIC INSTANTANEOUS WATER HEATER

TANKLESS WATER HEATER SHALL BE EEMAX MODEL #EX75T-ML WITH 7.5 KW 240 VOLT, 32 AMP TO HEAT 1.0 GPM 51 DEGREES F. TEMPERATURE RISE. PROVIDE WITH INTEGRAL FLOW RESTRICTOR 1.0 GPM UNIT SHALL HAVE ABS-UL 94 V0 RATED COVER. PROVIDE "ML" MULTIPLE LAYS THERMOSTATIC TEMPERATURE CONTROL OPTION. UNIT SHALL SERVE TWO .5 GPM LAVATORIES. ELEMENT SHALL BE REPLACEABLE CARTRIDGE INSERT. UNIT SHALL HAVE REPLACEABLE FILTER IN THE INLET CONNECTOR. ELEMENT SHALL BE IRON FREE, NICKEL, CHROME MATERIAL. MAXIMUM OPERATING PRESSURE OF 150 PSI. UNIT SHALL BE EEMAX OR APPROVED EQUAL CONTACT EEMAX TECH SUPPORT 1-800-543-8183 (CHRIS EXT 211) AND ASK HOW TO CHANGE THE 110°F LIMIT TO 120°F LIMIT.

HR-2: INTERIOR HOSE BIBB

SIMILAR TO WOODFORD NO. B24C-3/4 WITH KEY HANDLE OPERATOR, UNIT SHALL BE ENCLOSED IN A FLUSH MOUNTED METAL WALL BOX WITH LOCKING LID. LID SHALL BE LABELED "WATER". UNIT SHALL BE EQUIPPED WITH A LISTED (ANSI 1011) ANTI-SIPHON VACUUM BREAKER, 3/4" HOSE OUTLET CONNECTION, 3/4" THREADED INLET & CHROME PLATED BRASS FINISH. MOUNT AT HEIGHT ABOVE THE FLOOR AS DIRECTED BY THE ARCHITECT.

EW-2: ELECTRIC INSTANTANEOUS WATER HEATER

TANKLESS WATER HEATER SHALL BE EEMAX MODEL #EX95T WITH 9.5 KW 240 VOLT, 40 AMP TO HEAT 1.0 GPM 65 DEGREES F. TEMPERATURE RISE. PROVIDE WITH INTEGRAL FLOW RESTRICTOR 1.0 GPM UNIT SHALL HAVE ABS-UL 94 V0 RATED COVER. PROVIDE "ML" MULTIPLE LAYS THERMOSTATIC TEMPERATURE CONTROL OPTION. UNIT SHALL SERVE TWO .5 GPM LAVATORIES. ELEMENT SHALL BE REPLACEABLE CARTRIDGE INSERT. UNIT SHALL HAVE REPLACEABLE FILTER IN THE INLET CONNECTOR. ELEMENT SHALL BE IRON FREE, NICKEL, CHROME MATERIAL. MAXIMUM OPERATING PRESSURE OF 150 PSI. UNIT SHALL BE EEMAX OR APPROVED EQUAL.

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P1.1-09146.DWG

PRATER
Engineering Associates, Inc.

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Dublin, Ohio 43016 FAX: (614) 766 2354

DESIGNED BY SM DRAWN BY SM CHECKED BY TP JOB NUM. 09146

REVISIONS:
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DOT-09006.07
REST AREAS RENOVATION
AREA NO. 105, DISTRICT 10
US-5 E, GALIA COUNTY, OHIO

**FIRST FLOOR
PLUMBING
DEMOLITION
PLAN**

DRAWN BY: SJM CHECKED BY: TP

SAI # 09061.702

DRAWING NUMBER:

P1.1

DES.	LOCATION	DESCRIPTION
FD-1	REST ROOM	ZURN MODEL NO. ZN-415 CAST IRON FLOOR DRAIN WITH SECONDARY DRAINAGE/ANCHOR FLANGE, WEEP HOLES, ADJUSTABLE FRAME AND GRATE WITH POLISHED NICKEL BRONZE FINISH, 5" DIAMETER ROUND TOP WITH SQUARE OPENINGS AND BOTTOM GASKET CONNECTION OUTLET. DRAIN IN STRUCTURES ABOVE GRADE TO BE FURNISHED WITH CLAMPING COLLAR.
FD-2	MECHANICAL/UTILITY AREAS	ZURN MODEL NO. Z-520 CAST IRON FLOOR DRAIN WITH SEEPAGE PAN AND ADJUSTABLE EXTENSION FRAME WITH HEAVY DUTY CAST IRON DEEP FLANGE SLOTTED GRATE, 9" ROUND TOP WITH SLOTTED OPENINGS, BOTTOM GASKET CONNECTION OUTLET.
CO	CONCEALING WALL	USE CLEANOUT TEE AND PROVIDE CLEANOUT AND ACCESS COVER SIMILAR TO ZURN ZANB-1468 WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER, SECURING SCREW, AND BRONZE TAPER THREADED PLUG.
CO	FLOOR IN FINISH AREAS	ZURN MODEL NO. ZN-1400 CAST IRON BODY ADJUSTABLE CLEANOUT WITH ANCHOR FLANGE, POLISHED NICKEL BRONZE ROUND SCORRIATED FRAME AND TOP, AND BOTTOM GASKET CONNECTION OUTLET. CLEANOUTS IN STRUCTURES ABOVE GRADE TO BE FURNISHED WITH CLAMPING COLLAR.
CO	FLOOR IN MECHANICAL/UTILITY AREAS AT EXTERIOR AREAS	ZURN MODEL NO. Z-1400-HD CAST IRON BODY ADJUSTABLE CLEANOUT WITH ANCHOR FLANGE, COATED ROUND SCORRIATED FRAME AND TOP, AND BOTTOM GASKET CONNECTION OUTLET. CLEANOUTS IN STRUCTURES ABOVE GRADE TO BE FURNISHED WITH CLAMPING COLLAR.
CO	EXPOSED OR WITHIN ACCESSIBLE STRUCTURE	ZURN MODEL ZB-1470 WITH COUNTER-SUNK TAPERED THREAD BRONZE PLUG.

CODED NOTES

1. INSTALL HOSE BIBB AT LOCATION AS DIRECTED BY THE ARCHITECT.
2. 4" VENT THRU THE ROOF.
3. INSTALL NEW ALL BRONZE PRESSURE REGULATOR STATION AT THIS LOCATION. LIMIT WATER PRESSURE TO 75 PSIG. INCLUDE ALL PIPING, VALVES, AND APPURTENANCES TO COMPLETE THE SYSTEM.
4. PROVIDE A NEW REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTOR WITH AIR GAP FITTING. ROUTE DRAIN PIPING TO THE NEAREST FLOOR DRAIN.
5. REINSTALL EXISTING WATER METER AT THIS APPROXIMATE LOCATION.
6. EXTEND DOMESTIC WATER PIPING TO 30 FEET BEYOND THE OUTSIDE OF THE BUILDING. FIELD VERIFY THE EXISTING PIPING AND MAKE FINAL CONNECTION AND NECESSARY ADJUSTMENTS AT NO ADDITIONAL COST.
7. EXTEND SANITARY PIPING TO 30 FEET BEYOND THE OUTSIDE OF THE BUILDING. FIELD VERIFY THE EXISTING SANITARY PIPING AND MAKE FINAL CONNECTION AND NECESSARY ADJUSTMENTS AT NO ADDITIONAL COST.

CODED NOTES

8. PROVIDE A NEW 1" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTOR WITH AIR GAP FITTING. ROUTE DRAIN PIPING TO THE NEAREST FLOOR DRAIN OR MOP SINK.
9. FIELD VERIFY EXACT LOCATION OF EXISTING STORM LINE AND MAKE FINAL CONNECTION AND ANY NECESSARY ADJUSTMENTS AT NO ADDITIONAL COST.
10. EXTEND 1" WATER LINE EXTERIOR OF THE BUILDING TO 3 FEET FROM BUILDING. CAP FOR FUTURE CONNECTION TO FUTURE NEW COFFEE STATION YARD HYDRANT BY OWNER.

REVISIONS:
RECORD DRAWINGS

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DOT-090005.07
REST AREAS RENOVATION
AREA NO. 103 DISTRICT 10
US-5 E. GALLIA COUNTY, OHIO

FIRST FLOOR
PLUMBING
PLAN

DRAWN BY: SJM CHECKED BY: TP

SAI # 09061.702
DRAWING NUMBER:
P2.1

P2.1-09146.DWG

PRATER
Engineering Associates, Inc.

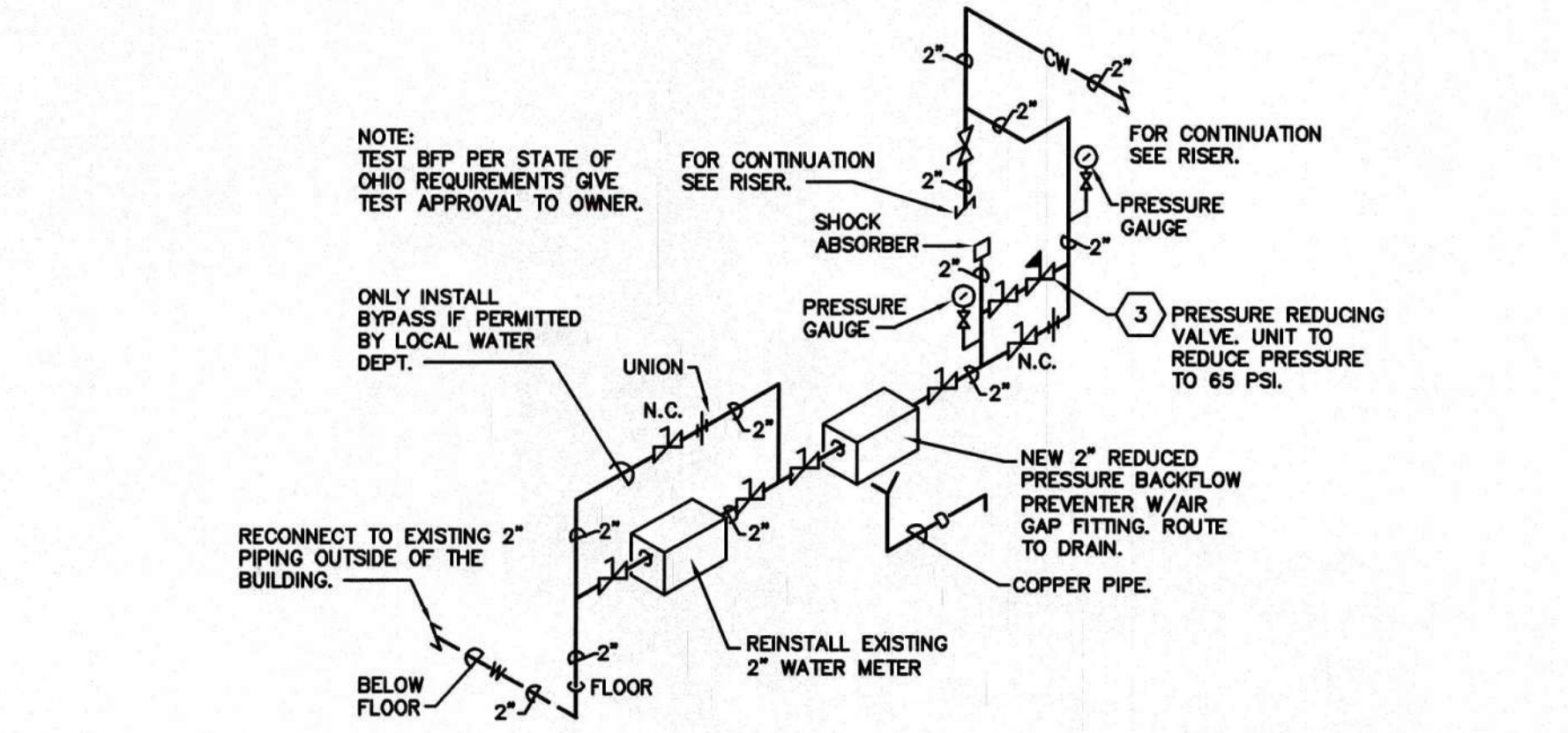
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DESIGNED BY SJM
DRAWN BY SJM
CHECKED BY TP
JOB NUM. 09146

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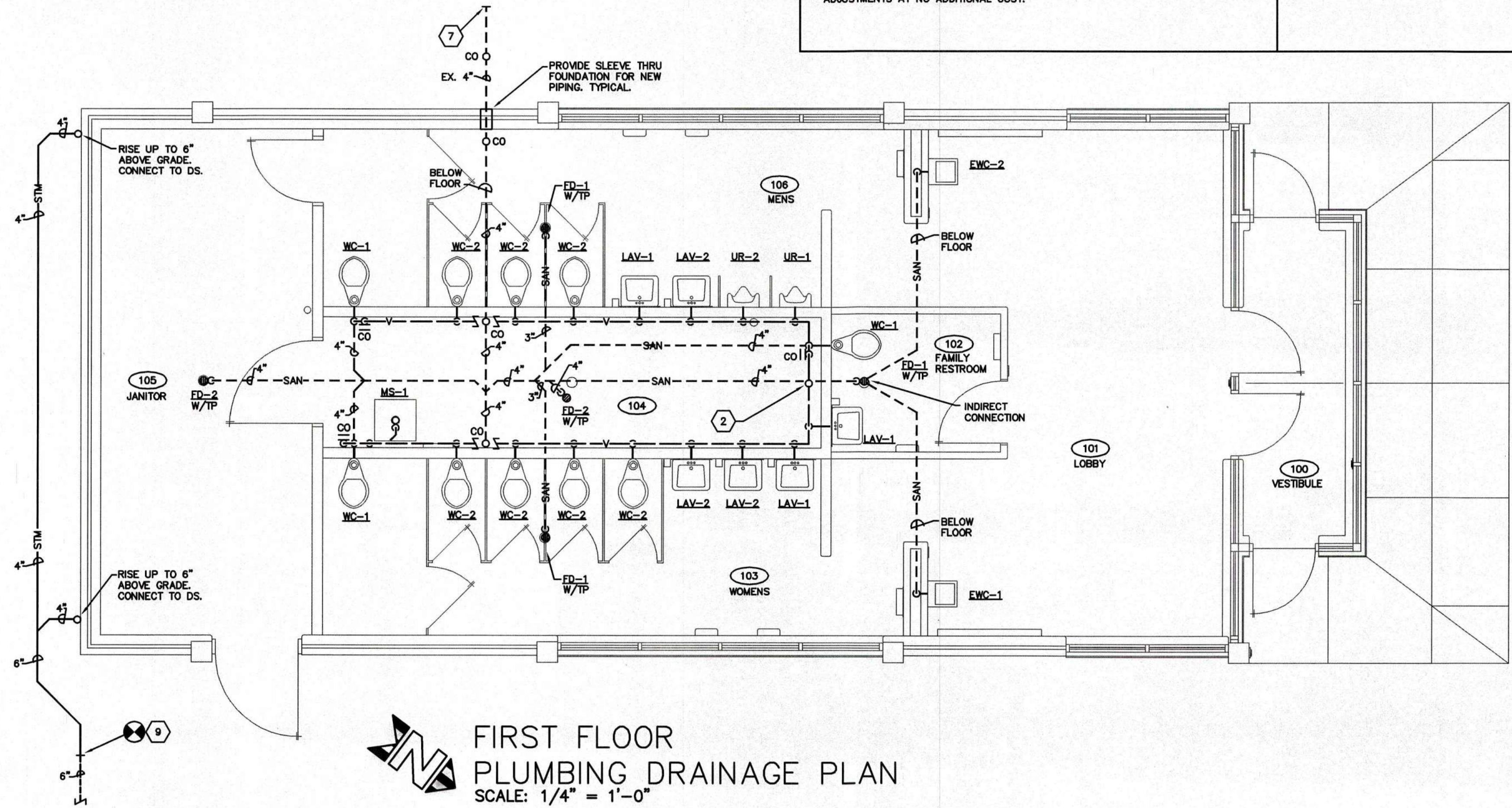
WATER ENTRANCE DIAGRAM

NOT TO SCALE



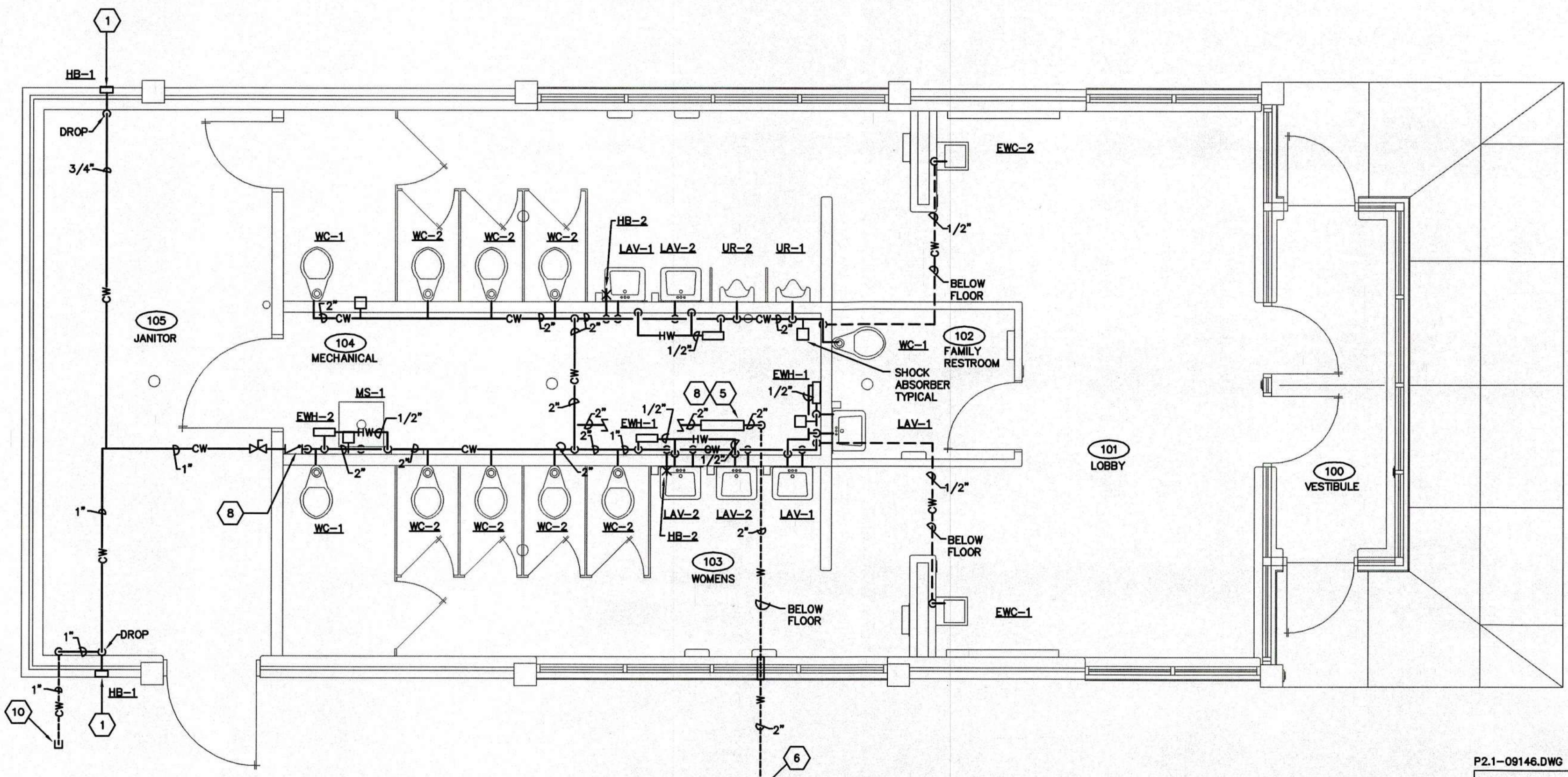
FIRST FLOOR PLUMBING DRAINAGE PLAN

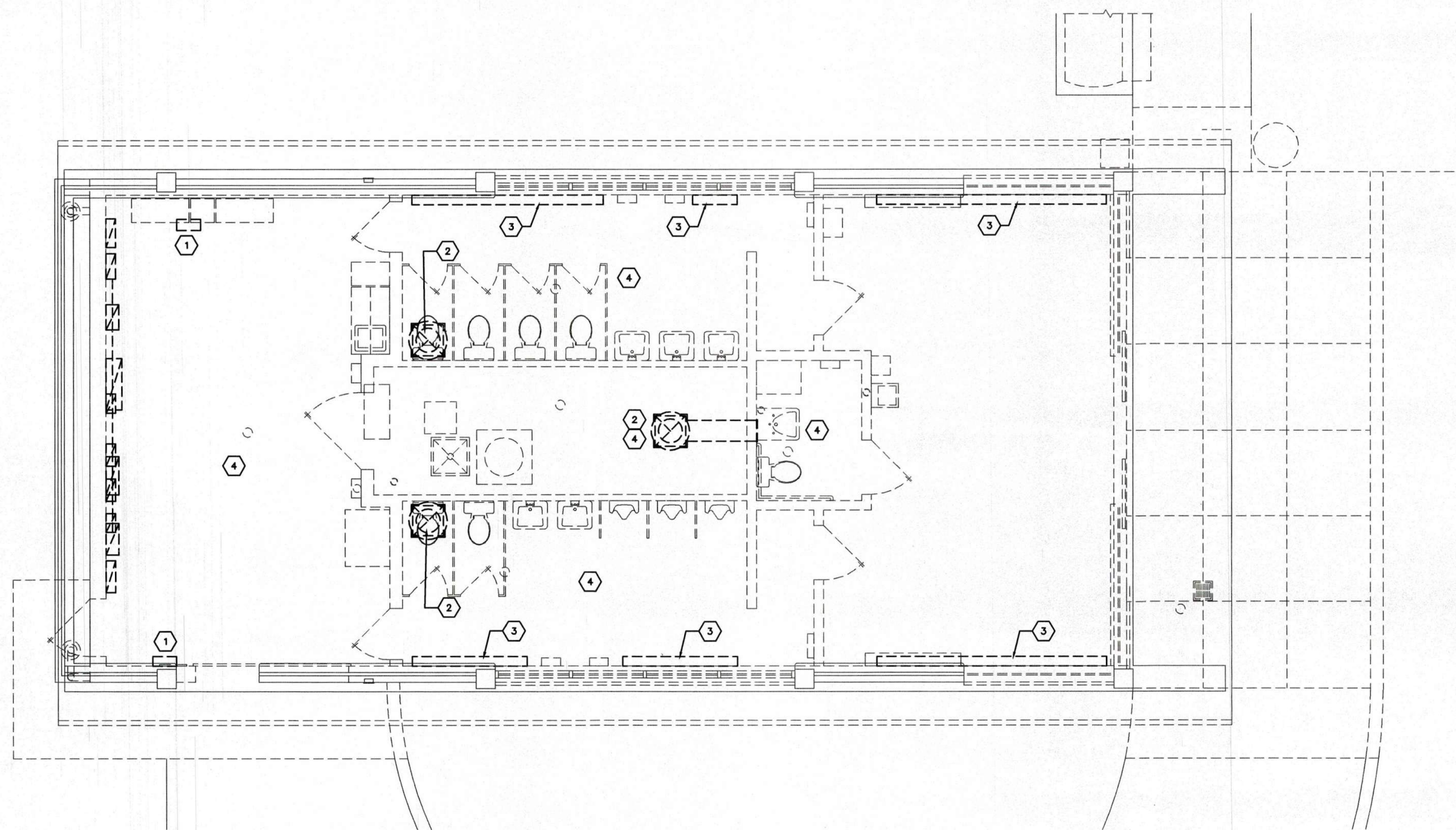
SCALE: 1/4" = 1'-0"



FIRST FLOOR PLUMBING SUPPLY PLAN

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





FIRST FLOOR HVAC
DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

CODED NOTES

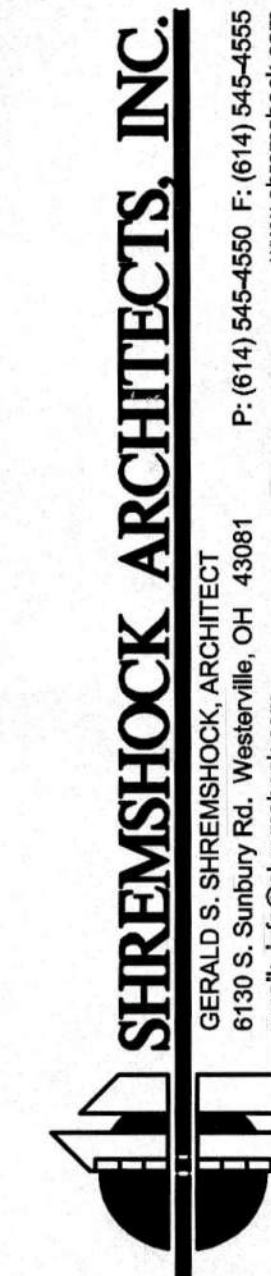
1. REMOVE ALL ELECTRICAL UNIT HEATERS AND ALL ASSOCIATED HANGERS
2. REMOVE ROOF-MOUNTED EXHAUST FAN AND CURB
3. REMOVE ELECTRIC BASEBOARD HEATER AND ALL ASSOCIATED MOUNTING BRACKETS
4. REMOVE ALL SUPPLY/EXHAUST DEVICES AND ALL ASSOCIATED DUCTWORK, ACCESSORIES AND DAMPERS

GENERAL NOTES

- A. REFER TO ARCHITECTURAL PLAN FOR ADDITIONAL DEMOLITION WORK
- B. HVAC CONTRACTOR SHALL REMOVE ALL HVAC ITEMS, INCLUDING DUCTWORK, DEVICES, BASEBOARD HEATERS, ROOF MOUNTED EXHAUST AND OTHER ITEMS

REVISIONS:
RECORD DRAWINGS

DATE ISSUED:
2-NOV-2011



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DOT-090005.07
REST AREAS RENOVATION
AREA NO. 103, DISTRICT 10
US-36 E. GALLIA COUNTY, OHIO

FIRST FLOOR
HVAC
DEMOLITION
PLAN

DRAWN BY: ZJO CHECKED BY: JBK

These Record Drawings have been prepared based on information provided by the installing contractor. The Engineer has not verified the accuracy of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result.

H1.1-09146.DWG

PRATER
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DESIGNED BY ZJO	DRAWN BY ZJO	CHECKED BY JBK	JOB NUM. 09146
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SAI # 09061.702

DRAWING NUMBER:

H1.1

ROOF TOP UNIT SCHEDULE

MANUFACTURER'S MODEL NUMBER BASED ON AAO UNLESS OTHERWISE NOTED.
MZ - MULTI-ZONE; H & A/C - HEATING AND AIR CONDITIONING; H & V - HEATING & VENTILATING; F.C. - FORWARD CURVED; A.F. - AIR FOIL; A.T.L. - ACROSS THE LINE; VAV - VARIABLE AIR VOLUME; VFD - VARIABLE FREQUENCY DRIVE

UNIT				SUPPLY FAN DATA							RETURN FAN AND MOTOR DATA							COOLING COIL DATA								R410A REFRIGERANT				HEATING COIL DATA						HEATING COIL SELECTIONS BASED ON ELECTRIC RESISTANCE HEAT				GEN. INFORMATION			REMARKS
UNIT NUMBER	LOCATION	MFR & MODEL NUMBER	TYPE	CFM	TOTAL S.P. *W.G.	EXT. S.P. *W.G.	RPM	WHEEL TYPE & SIZE	MOTOR H.P.	BHP	CFM	TOTAL S.P.	EXT. S.P.	RPM	WHEEL TYPE & SIZE	MOTOR H.P.	B.H.P. REQ'D.	CFM	ROWS & TYPE FIN	MBH TOT	MBH SENS	AIR P.D. * W.G.	COIL F.A. SQ. FT.	ENT. AIR TEMP. D.B. (°F)	LVG. AIR TEMP. W.B. (°F)	D.B. (°F)	W.B. (°F)	CFM	MBH	KW	EFFICIENCY (%)	AIR P.D. * W.G.	COIL F.A. SQ. FT.	ENT (°F)	LVG (°F)	FILTER EFFICIENCY	FILTER AREA SQ. FT.	MIN. % O.A.					
RTU-1	ROOF	AAON RM-A05-1	----	1400	3.0	1.00	2200	15.0"	3.0	1.1	1400	1.4	0.5	1400	15.0"	3.0	.5	1400	6 12 fpi	93	45	.3	4.7	86	70	55	54.5	1400	102	30	100	0.1	4.7	35	100	MERV13	9.0	100	UNIT SHALL BE 240V, 1 PHASE AND SHALL INCLUDE BOTTOM DISCHARGE, FACTORY CURB WITH NEOPRENE VIBRATION ISOLATION, INTAKE HOOD, HOT GAS BYPASS, ELECTRIC RESISTANCE HEAT, AND ENTHALPY HEAT WHEEL WITH FROST CONTROL.				

CODED NOTES

- EXHAUST DUCT TO UNIT, PROVIDE SPLIT AT DUCT RISE AND EXTEND TO DEVICES AS SHOWN.
- PROVIDE ROOFTOP UNIT THERMOSTAT WITH REMOTE SENSOR. MOUNT LEVEL WITH LIGHT SWITCHES.
- PROVIDE TEMPERATURE SENSOR WITH STAINLESS STEEL COVER AT LOBBY, EXTEND WIRING TO THERMOSTAT WHERE SHOWN. MOUNT LEVEL WITH LIGHT SWITCHES.
- PROVIDE ROOFTOP UNIT WITH CURB ON EXISTING ROOF. COORDINATE FINAL LOCATION WITH STRUCTURE SUCH THAT SUPPLY AND EXHAUST PENETRATIONS ARE CONFINED TO A SINGLE PRECAST PLANK EACH. LOCATE UNIT A MINIMUM OF 10 FT. FROM ROOF EDGES IN ALL DIRECTIONS. COORDINATE UNIT INSTALLATION WITH INSTALLATION OF NEW WEATHERPROOFING.
- ACCESS PANEL BY GTC. COORDINATE FINAL CEILING LOCATION WITH LIGHTS AND AIR TERMINAL DEVICES. ALSO COORDINATE FINAL LOCATION OF ACCESS PANEL WITH DUCTWORK ABOVE CEILING IN ORDER TO ACCESS DAMPERS.

GENERAL NOTES

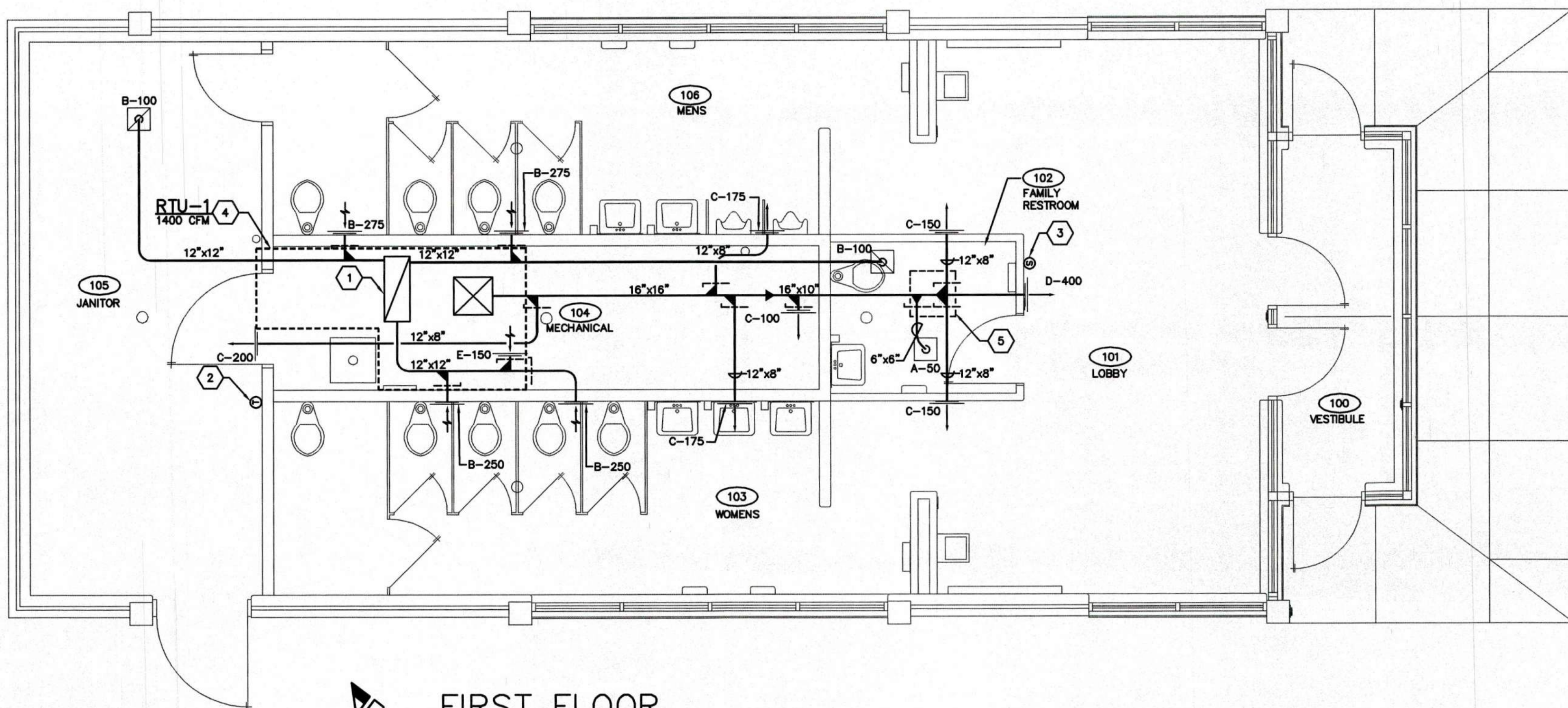
- COORDINATE DIFFUSER LOCATION WITH LIGHTS.
- PROVIDE BALANCE DAMPERS AT ALL BRANCHES.
- COORDINATE ROOFTOP UNIT INSTALLATION WITH STRUCTURE. NEW ROOF PENETRATIONS OF PRECAST PLANKS SHALL BE 24" WIDE MAXIMUM.
- INSTALL DUCTS TIGHT TO STRUCTURE.

AIR TERMINAL SCHEDULE

TYPE OF OUTLET		A - 8 - 300	AIR QUANTITY IN C.F.M. (DIFF. & REG. ONLY)
SIZE OF OUTLET (NECK SIZE DIAMETER FOR DIFFUSERS)			
TYPE	DESCRIPTION		
A	TITUS 300RS-SS, 8"x8" STAINLESS STEEL SUPPLY REGISTER, WALL OR DUCT MOUNTED W/ TAMPER-PROOF SCREWS.		
B	TITUS 350RS-SS, 16"x8" STAINLESS STEEL EXHAUST REGISTER, WALL, DUCT, OR CEILING MOUNTED W/ TAMPER-PROOF SCREWS.		
C	TITUS 300RS-SS, 8"x8" STAINLESS STEEL SUPPLY REGISTER, WALL OR DUCT MOUNTED W/ TAMPER-PROOF SCREWS.		
D	TITUS 300RS-SS, 16"x8" STAINLESS STEEL SUPPLY REGISTER, WALL OR DUCT MOUNTED W/ TAMPER-PROOF SCREWS.		
E	TITUS 350RS-SS, 10"x10" STAINLESS STEEL EXHAUST REGISTER, DUCT MOUNTED W/ TAMPER-PROOF SCREWS.		

RTU-1 HEAT WHEEL PERFORMANCE

CFM		SUMMER DATA				WINTER DATA			
O.A.	BYPASS	S.A.	DB/WB	MIXED AIR DB/WB	TOT/SENS	O.A.	DB/WB	MIXED AIR DB/WB	TOT/SENS
1400	500	1400	95/75	85/70	30/14	0/0	35/34.5	76/53	



FIRST FLOOR
HVAC PLAN
SCALE: 1/4" = 1'-0"

REVISIONS:
RECORD DRAWINGS

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DOT-090005.07
REST AREAS RENOVATION
AREA NO. 105, DISTRICT 10
US-35 E, GALLIA COUNTY, OHIO

FIRST FLOOR
HVAC
PLAN

DRAWN BY: ZJO CHECKED BY: JBK

H2.1-09146.DWG

PRATER
Engineering Associates, Inc.

6130 Wilcox Road
Dublin, Ohio 43016
(614) 766 4896
FAX: (614) 766 2354

DESIGNED BY: ZJO
DRAWN BY: ZJO
CHECKED BY: JBK
JOB NUM. 09146

SAI # 09061.702

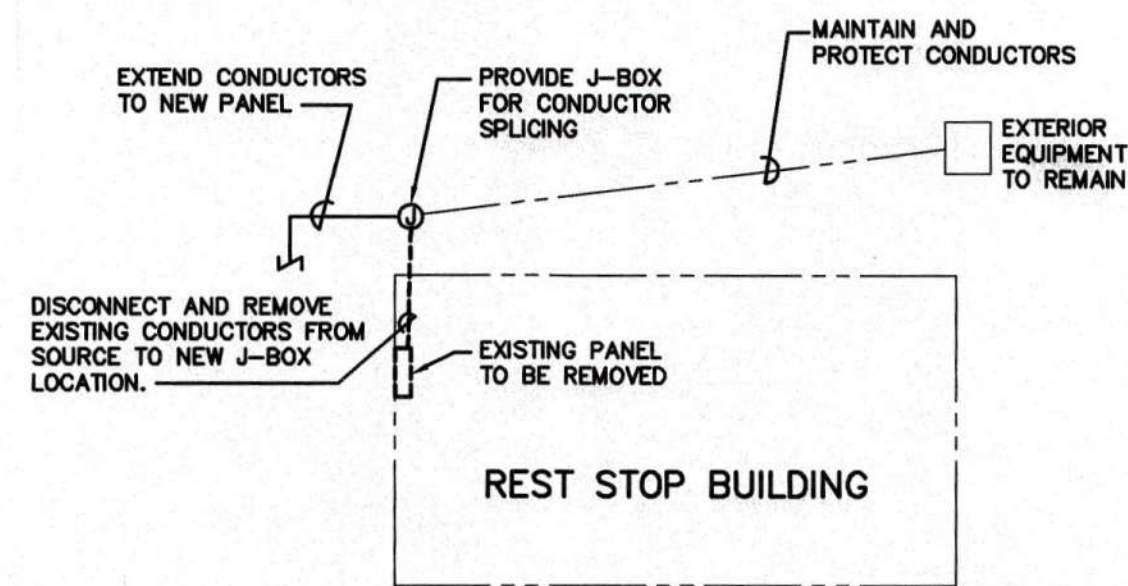
DRAWING NUMBER:

H2.1



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EXTERIOR EQUIPMENT
RE-CIRCUITING DETAIL

EXTERIOR EQUIPMENT RECONNECTION SCHEDULE					
EQUIPMENT DESCRIPTION	QUANTITY	BREAKER RATING	CONDUCTOR CONFIGURATION*	J-BOX SIZE	NEW FEEDER SOURCE
P & R LIGHTING CIRCUITS	2	30A/2-POLE	(2) #8 + (1) #8 GROUND IN 3/4" COND	6" X 6" X 6"	PANEL A
PAY PHONE	1	20A/1-POLE	(2) #10 + (1) #10 GROUND IN 3/4" COND	6" X 6" X 6"	PANEL A
VENDING MACHINE	4	20A/1-POLE	(2) #10 + (1) #10 GROUND IN 3/4" COND	6" X 6" X 6"	PANEL A
KIOSK	2	20A/1-POLE	(2) #10 + (1) #10 GROUND IN 3/4" COND	6" X 6" X 6"	PANEL A
LIFT STATION	1	90A/2-POLE	(2) #1 + (1) #6 GROUND IN 1 1/2" COND	6" X 6" X 6"	MDP

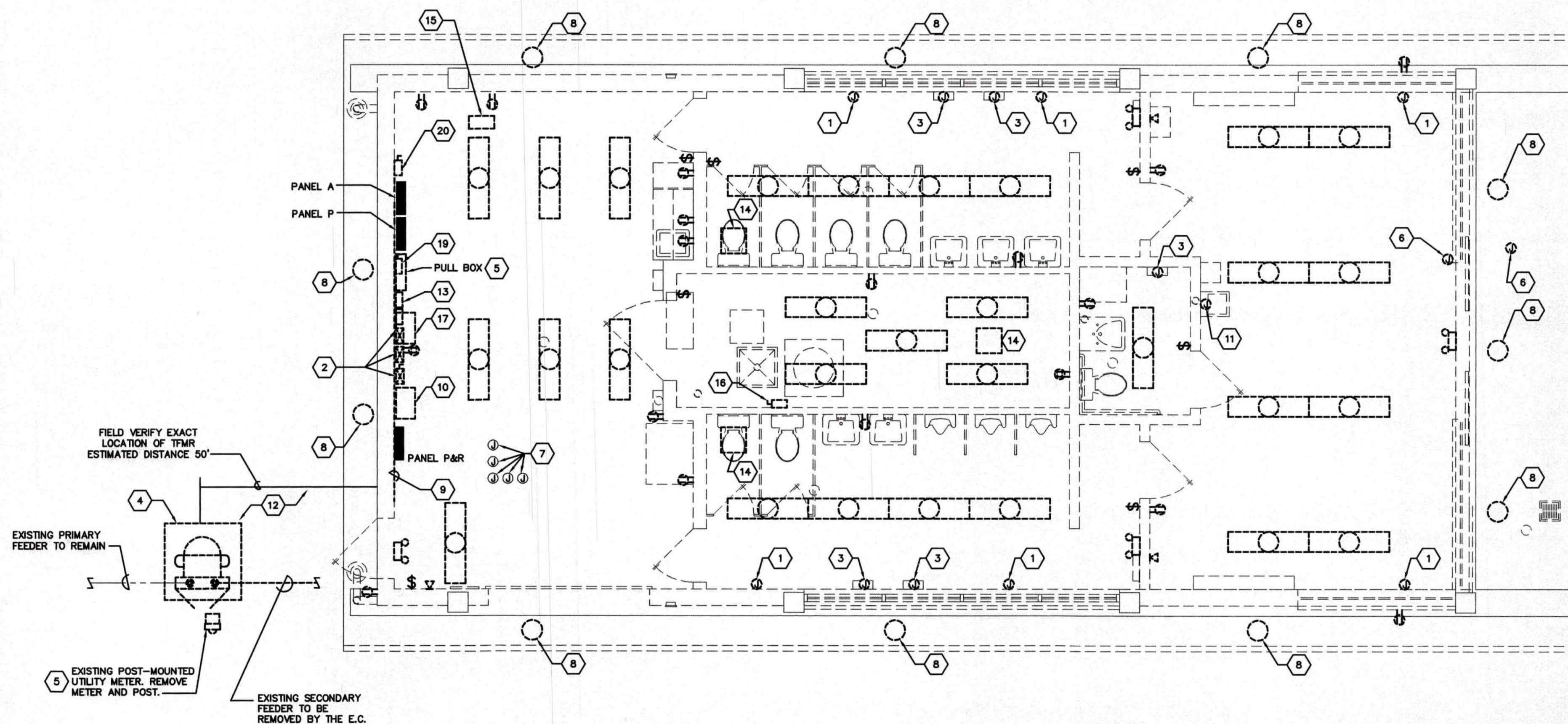
* SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS WITHIN J-BOX AND EXTEND FROM J-BOX TO NEW PANEL. FIELD VERIFY ALL CONDITIONS PRIOR TO CONSTRUCTION.

GENERAL NOTES

- SEE ARCHITECTURAL DEMOLITION PLANS FOR WALLS AND CEILINGS TO BE REMOVED.
- UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL EQUIPMENT, LIGHT FIXTURES, AND DEVICES SHOWN ON THIS PLAN SHALL BE DISCONNECTED AND REMOVED. DISCONNECT AND REMOVE ASSOCIATED WIRING BACK TO SOURCE. REUSE EXISTING CONDUIT WHERE POSSIBLE. CAP AND IDENTIFY ABANDONED CONDUIT AT BOTH ENDS.
- COORDINATE DISCONNECTION OF PLUMBING AND HVAC EQUIPMENT WITH RESPECTIVE CONTRACTOR. WHERE EQUIPMENT SHALL BE REMOVED, DISCONNECT AND REMOVE ASSOCIATED WIRING BACK TO SOURCE. REUSE EXISTING CONDUIT WHERE POSSIBLE. CAP AND IDENTIFY ABANDONED CONDUIT AT BOTH ENDS.
- UNLESS NOTED OTHERWISE, ALL EXISTING PARKING LOT LIGHTS AND ASSOCIATED CONTROLS AND PHOTOCELLS SHALL REMAIN. DISCONNECT AND REMOVE EXISTING WIRING. FIELD VERIFY ALL CONDITIONS. SEE E2.1 FOR NEW WIRING NOTES.
- REUSE EXISTING CEILING-MOUNTED 2X6 RECTANGULAR RACEWAY RUNNING FROM THE ELECTRICAL ROOM TOWARD THE FRONT OF THE BUILDING. UNDER NEW WORK, EXTEND RACEWAY TO NEW LOCATION OF ELECTRICAL PANELS. PAINT TO MATCH SURROUNDINGS.
- ABANDONED EMPTY CONDUITS SHALL NOT BE LEFT EXPOSED IN AN UNSIGHTLY MANNER. CUT CONDUIT WHERE EXPOSED FROM END OF RUN TO POINT OF ENTRY SURROUNDING AREA.
- ALL EXISTING EXTERNALLY LOCATED VENDING MACHINES SHALL REMAIN. DISCONNECT BRANCH WIRING AT SOURCE AND RECONNECT TO NEW CIRCUITS UNDER NEW WORK PLAN. VERIFY ALL EXISTING CONDITIONS.
- ALL ELECTRICAL CONNECTIONS TO EXISTING BUILDINGS OR OTHER STRUCTURES FED FROM THE REST STOP BUILDING SHALL BE DISCONNECTED FROM SOURCE AND RECONNECTED TO NEW ELECTRICAL PANELS PROVIDED UNDER NEW WORK. FIELD VERIFY CIRCUIT AMPACITIES AND OVERCURRENT PROTECTION. PROVIDE IDENTICAL OVERCURRENT PROTECTION IN NEW PANELS. SEE CODED NOTE 23 ON SHEET E2.1.
- DISCONNECT AND REMOVE ALL ELECTRICAL AND COMMUNICATIONS DEVICES IN WALLS TO BE DEMOLISHED. REMOVE WIRING BACK TO SOURCE. SEE ARCHITECTURAL PLANS FOR WALLS TO BE REMOVED.
- THE ELECTRICAL FIRST FLOOR DEMOLITION PLAN DOES NOT SHOW ALL THE EXISTING UTILITIES, EXISTING UNDERGROUND EQUIPMENT, OR NEW UNDERGROUND SERVICES. THIS CONTRACTOR SHALL COORDINATE WITH ALL TRADES AND EXISTING CONDITIONS PRIOR TO THE START OF WORK.
- DISCONNECT EXISTING CONDUCTORS FROM SOURCE (PANEL) SERVING ALL EXISTING EXTERIOR LOADS TO REMAIN. FOR EACH SET OF BRANCH CIRCUIT CONDUCTORS, PROVIDE WEATHERPROOF J-BOX AT EXTERIOR OF BUILDING AND SPLICE CONDUCTORS WITHIN J-BOX. EXTEND CONDUCTORS FROM J-BOX TO NEW PANEL UNDER NEW CONSTRUCTION. PROVIDE NEW CIRCUIT BREAKER IN PANEL FOR EACH CIRCUIT. PROVIDE BID PRICING FOR 75 FT OF SPECIFIED CONDUCTORS AND CONDUIT. VERIFY BREAKER RATING SERVING EACH BRANCH CIRCUIT. SEE EXTERIOR EQUIPMENT RE-CIRCUITING DETAIL AND EXTERIOR EQUIPMENT RECONNECTION SCHEDULE ON THIS SHEET.

CODED NOTES

- DISCONNECT EXISTING BASEBOARD HEATER. REMOVE WIRING BACK TO SOURCE.
- DISCONNECT AND REMOVE EXISTING SITE LIGHTING CONTACTORS.
- DISCONNECT EXISTING ELECTRIC HAND DRYER.
- POWER COMPANY TRANSFORMER TO BE REPLACED BY THE POWER COMPANY. E.C. IS TO REMOVE EXISTING CONCRETE PAD.
- DISCONNECT AND REMOVE EXISTING METER, CT CABINET, AND ASSOCIATED WIRING AND CONDUIT. NEW METER, METER SOCKET, CURRENT TRANSFORMER, AND CT CABINET SHALL BE PROVIDED UNDER NEW WORK. COORDINATE WITH UTILITY COMPANY.
- DISCONNECT AND REMOVE EXISTING POWER CONNECTION AND WIRING TO DOOR OPERATOR. REMOVE WIRING BACK TO SOURCE.
- LOCATE EXISTING PHOTOCELLS SERVING SITE LIGHTING FIXTURES. DISCONNECT PHOTOCELLS AND SALVAGE FOR USE UNDER NEW WORK.
- DISCONNECT AND REMOVE EXISTING EXTERIOR LIGHT FIXTURE AND ASSOCIATED WIRING BACK TO SOURCE.
- REMOVE EXISTING PLYWOOD BACKBOARD.
- DISCONNECT AND REMOVE EXISTING TELEPHONE CABINET.
- DISCONNECT EXISTING POWER CONNECTION TO DRINKING FOUNTAIN OR WATER COOLER. COORDINATE WITH PLUMBING CONTRACTOR.
- FIELD VERIFY LOCATIONS AND DIMENSIONS OF EXISTING SERVICE EQUIPMENT PRIOR TO BIDDING. THE ELECTRICAL FIRST FLOOR POWER PLAN IS DIAGRAMMATIC ONLY AND REPRESENTS GENERAL LOCATIONS OF EQUIPMENT.
- DISCONNECT AND SALVAGE EXISTING LIFT STATION HIGH-WATER ALARM PANEL. REINSTALL UNDER NEW WORK.
- DISCONNECT EXISTING EXHAUST FAN. REMOVE ASSOCIATED DEVICES AND WIRING BACK TO SOURCE.
- DISCONNECT EXISTING ELECTRIC UNIT HEATER. REMOVE ASSOCIATED DEVICES AND WIRING BACK TO SOURCE.
- DISCONNECT EXISTING ELECTRIC WATER HEATER. REMOVE ASSOCIATED DEVICES AND WIRING BACK TO SOURCE.
- DISCONNECT AND REMOVE EXISTING TEMPERATURE CONTROL ENCLOSURE, DEVICES, AND ASSOCIATED WIRING AND CONDUIT.
- NOT USED.
- DISCONNECT AND SALVAGE EXISTING SAFETY SWITCH SERVING 220V "EXTERIOR BOX". REINSTALL UNDER NEW WORK. SEE GENERAL NOTE K.
- DISCONNECT AND REMOVE EXISTING SERVICE MAIN DISCONNECT SWITCH.



FIRST FLOOR ELECTRICAL
DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



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E1.1-09146-GL-EB.DWG

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DESIGNED BY BAO DRAWN BY RCT CHECKED BY MWS JOB NUM. 09146

REVISIONS:
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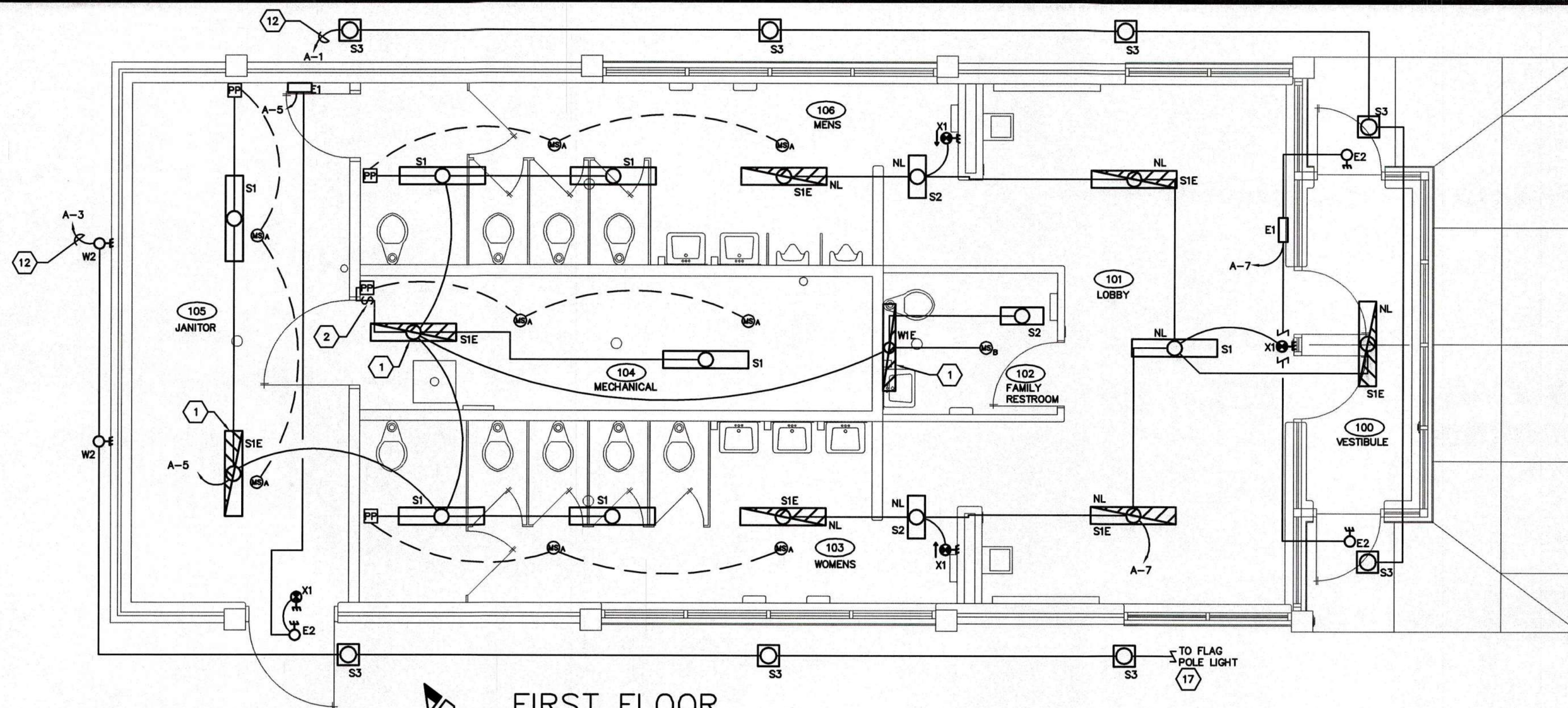
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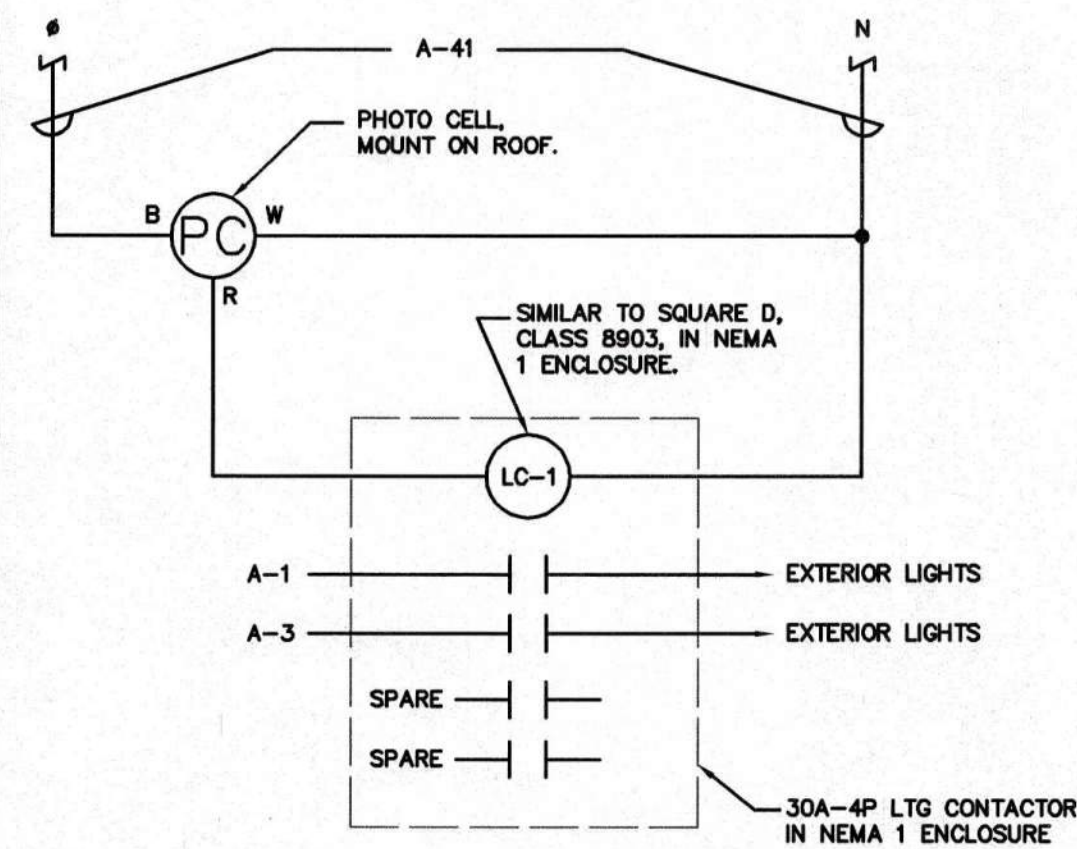
**FIRST FLOOR
ELECTRICAL
DEMOLITION
PLAN**

DRAWN BY: RCT CHECKED BY: MWS

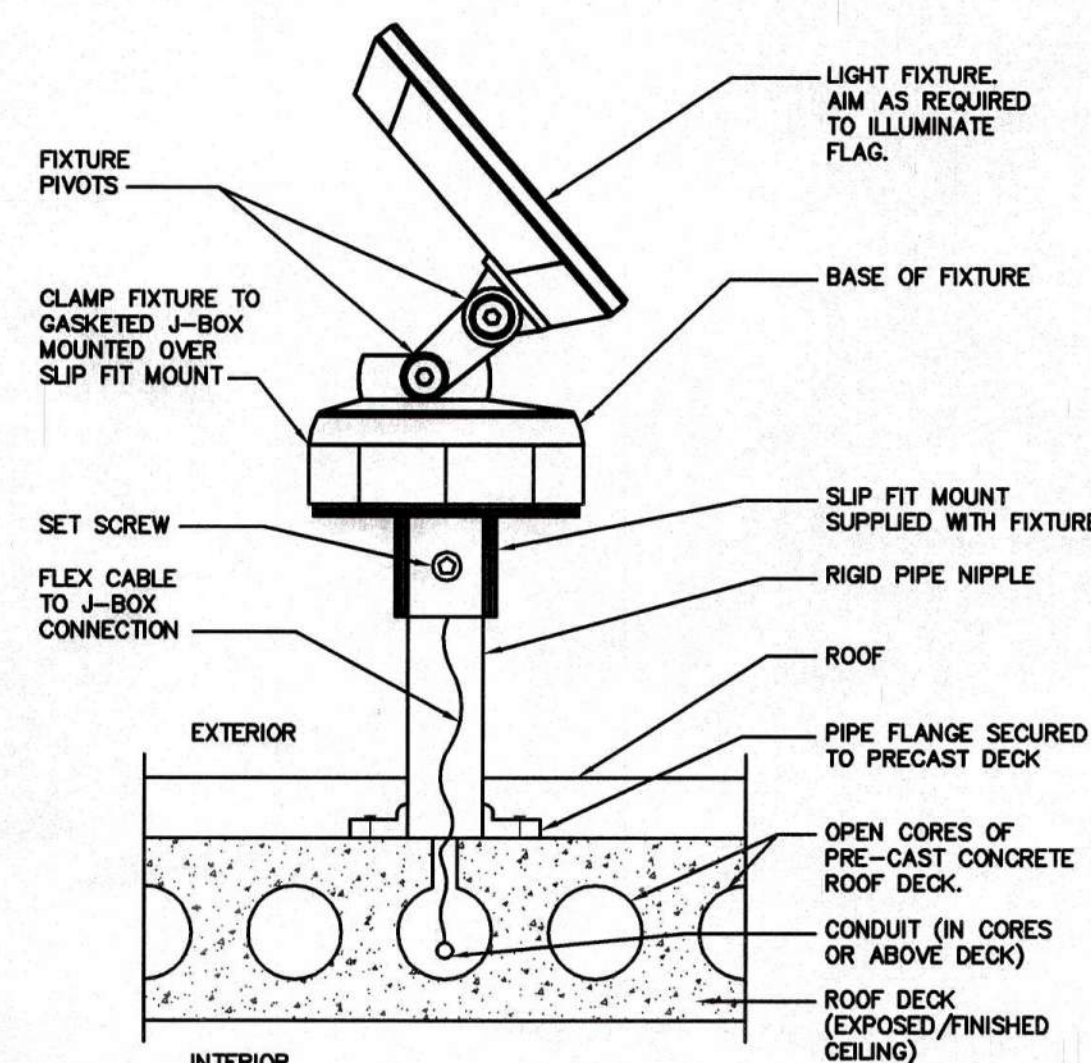
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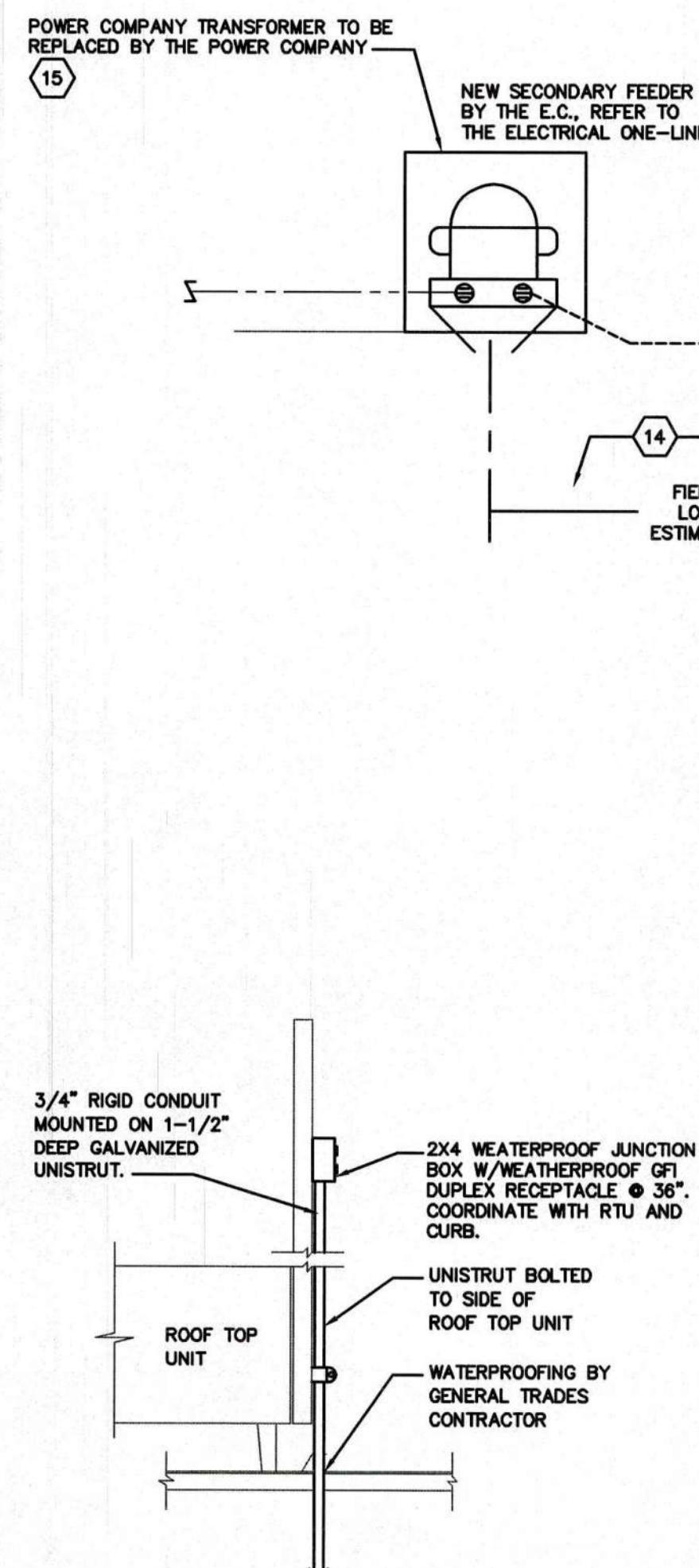
FIRST FLOOR
LIGHTING PLAN
SCALE: 1/4" = 1'-0"



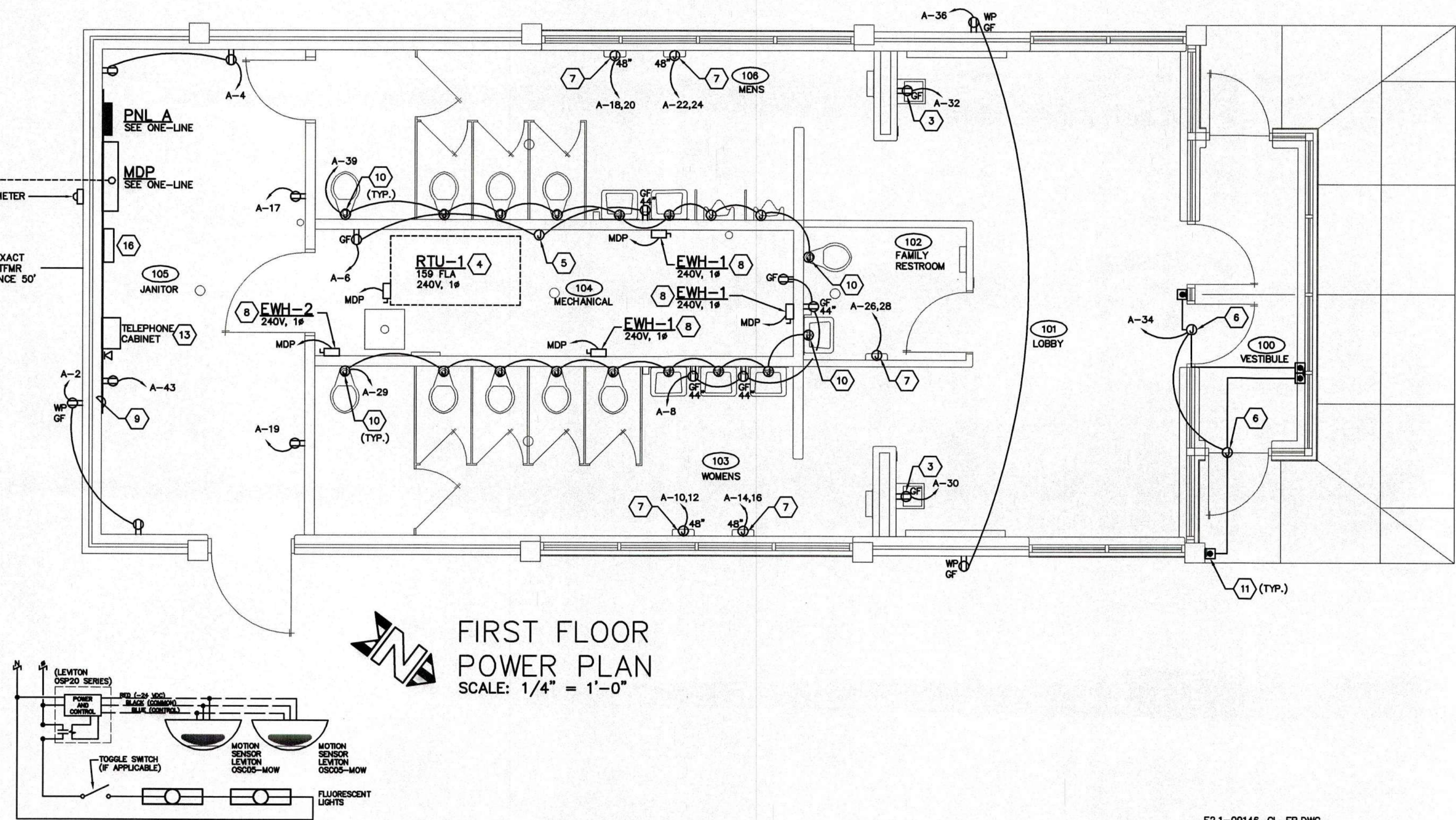
BLDG. EXTERIOR LIGHTING
CONTROL DIAGRAM
NOT TO SCALE



FLAG POLE LIGHT
MOUNTING DETAIL
SCALE: NONE



ROOFTOP UNIT
RECEPTACLE DETAIL
NOT TO SCALE



FIRST FLOOR
POWER PLAN
SCALE: 1/4" = 1'-0"

MOTION SENSOR
WIRING SCHEMATIC
SCALE: NOT TO SCALE

CODED NOTES

- PROVIDE FIXTURE WITH SWITCHED AND UNSWITCHED "HOT" WIRE. CONNECT UNSWITCHED WIRE TO BATTERY BALLAST.
- INSTALL SWITCH DOWNSTREAM FROM POWER PACK. SEE MOTION SENSOR WIRING SCHEMATIC ON THIS SHEET.
- COORDINATE INSTALLATION OF ELECTRIC WATER COOLER RECEPTACLE WITH PLUMBING CONTRACTOR.
- PROVIDE 240V, 1φ CONNECTION TO ROOFTOP UNIT. COORDINATE WITH HVAC CONTRACTOR.
- PROVIDE ROOFTOP UNIT SERVICE RECEPTACLE PER DETAIL ON THIS SHEET. MOUNT ON ROOF. COORDINATE WITH HVAC CONTRACTOR.
- PROVIDE 120V CONNECTION TO MOTORIZED DOOR OPERATOR. COORDINATE WITH DOOR INSTALLER.
- PROVIDE 240V CONNECTION TO ELECTRIC HAND DRYER. COORDINATE WITH GENERAL TRADES CONTRACTOR.
- PROVIDE 240V CONNECTION TO INSTANTANEOUS WATER HEATER. COORDINATE LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR.
- PROVIDE A 16' WIDE X 4' HIGH X 3/4" THICK FIRE-RATED PLYWOOD BACKBOARD, WALL-MOUNTED ON 1/2" SPACERS WITH TOP AT 8'-0" AFF. BOARD SHALL BE PAINTED SEMI GLOSS WHITE WITH TWO COATS OF FIRE-RETARDANT PAINT. MOUNT ELECTRICAL EQUIPMENT ON OR AGAINST BACKBOARD.
- PROVIDE 120V CONNECTION TO AUTOMATIC FLUSH VALVE OR FAUCET SENSOR. COORDINATE WITH PLUMBING CONTRACTOR.
- PROVIDE 120V CONNECTION TO PUSH PLATE FOR DOOR OPERATOR CONTROLS. PUSH PLATE SHALL BE PROVIDED BY GENERAL TRADES CONTRACTOR. TRENCH CONCRETE SLAB AS NECESSARY TO RUN 3/4" CONDUIT WITH (3) #12 CONDUCTORS FROM PANEL A TO BASES OF PUSH PLATE CONTACTORS IN A CONCEALED FASHION. RUN CONDUIT FROM FLOOR UP TO PUSH BUTTON FLUSH WITH WALL. FOR INDOOR PUSH PLATE, FEED CONDUIT THROUGH FRAMING SYSTEM UP TO PUSH PLATE. CONCEAL VERTICAL CONDUIT RUN WITH METAL HAT CHANNEL. SECURE HAT CHANNEL WITH TAMPER PROOF SCREWS. HAT CHANNEL COLOR TO BE SELECTED BY ARCHITECT. COORDINATE WITH GENERAL CONTRACTOR.
- PROVIDE PHOTOCELL AND MOUNT ON ROOF TO CONTROL EXTERIOR LIGHTING CIRCUIT. PROVIDE 4-POLE LIGHTING CONTACTOR IN NEMA 1 ENCLOSURE, MOUNTED NEXT TO PANEL A. FOR CONTROL OF TWO LIGHTING CIRCUITS, 2 CONTACTS SHALL BE KEPT AS SPARE. PHOTOCELL SHALL BE TORK MODEL # 2000 OR EQUAL BY PRECISION OR INTERMATIC. COORDINATE WITH GENERAL TRADES CONTRACTOR. SEE BUILDING EXTERIOR LIGHTING CONTROL DIAGRAM ON THIS SHEET.
- PROVIDE NEW TELEPHONE CABINET. COORDINATE WITH UTILITY.
- COORDINATE UTILITY SERVICE WITH POWER COMPANY PRIOR TO CONSTRUCTION. THE ELECTRICAL FIRST FLOOR POWER PLAN IS DIAGRAMMATIC ONLY AND REPRESENTS GENERAL LOCATIONS OF EQUIPMENT AND UTILITY SPECIFICATIONS. THE POWER COMPANY SHALL PROVIDE DETAILED SPECIFICATIONS AND EQUIPMENT SIZES UPON REQUEST. DISCONNECT EXISTING SECONDARY CONDUCTORS AND PROVIDE NEW SECONDARY CONDUCTORS FROM THE UTILITY TRANSFORMER TO THE MDP. SEE ONE-LINE DIAGRAM, SHEET E3.1.
- PAD MOUNTED TRANSFORMER PROVIDED AND INSTALLED BY THE POWER COMPANY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AN 8'X8'X12" REINFORCED CONCRETE PAD IN COMPLIANCE WITH THE POWER COMPANY SPECIFICATIONS. AND PAY ALL FEES REQUIRED BY THE UTILITY.
- RECONNECT EXISTING LIFT STATION HIGH WATER ALARM PANEL TO PANEL A.
- PROVIDE ROOF-MOUNTED LED FLAG POLE LIGHT TO SERVE EXISTING FLAG POLE. COORDINATE: FIXTURE INSTALLATION WITH FLAG POLE. FIXTURE TYPE SHALL BE PHILIPS #W BLAST POWERCORE # 523-000049-06. CIRCUIT AS SHOWN. PROVIDE ALL MOUNTING ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION AND MOUNT PER MANUFACTURER'S RECOMMENDATIONS. SEE FLAG POLE LIGHT MOUNTING DETAIL ON THIS SHEET. PROVIDE PIPE FLASHING BOOT TO FACILITATE ROOF INSTALLATION. MAINTAIN ROOF WARRANTY. COORDINATE LOCATION WITH ARCHITECT AND OWNER.

GENERAL NOTES

- ALL SHADED FIXTURES, EXIT SIGNS, NIGHT LIGHTS (NL), AND EMERGENCY LIGHTING FIXTURES SHALL BE CIRCUITED AHEAD OF ALL SWITCHING UNLESS NOTED OTHERWISE.
- OSC05-MOW OR APPROVED EQUIVALENT, UNLESS NOTED OTHERWISE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
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- OSC05-MOW OR APPROVED EQUIVALENT, UNLESS NOTED OTHERWISE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. POWER PACKS SHALL BE HIDDEN FROM VIEW.
- INSTALLATION OF ELECTRICAL CONDUITS, J-BOXES, ETC., SHALL BE DONE IN SUCH A WAY AS TO AVOID CAUSING DAMAGE TO EXISTING GLAZED TILE WALLS.
- RUN CONDUITS ABOVE ROOF DECK BELOW INSULATION ONLY WHEN THEY CANNOT BE OTHERWISE CONCEALED. PROTECT CONDUITS DURING CONSTRUCTION. SURFACE MOUNTED RACEWAY ("WIREFOLD") SHALL NOT BE USED.
- COLOR OF ALL DEVICES SHALL BE SELECTED BY THE ARCHITECT FROM PREMIUM COLORS.
- RECURIT EXTERIOR LIGHTS SERVED BY LIGHTING CONTACTOR THROUGH NEW CONTACTOR.
- REUSE EXISTING J-BOXES AND CONDUITS SERVING EXTERIOR RECEPTACLES AND LIGHTS FOR NEW RECEPTACLES AND LIGHTS.
- COORDINATE LIGHTING FIXTURE INSTALLATIONS WITH ARCHITECT'S CEILING PLAN AND OTHER TRADES.
- COORDINATE NEW ELECTRICAL PANEL INSTALLATIONS WITH EXISTING EQUIPMENT AND DEVICES IN ELECTRICAL ROOM. PROVIDE ALL APPURTENANCES REQUIRED TO ENSURE PROPER OPERATION.
- CONDUITS SHALL BE CONCEALED, AND NOT RUN EXPOSED.
- THE ELECTRICAL FIRST FLOOR POWER PLAN DOES NOT SHOW ALL THE EXISTING UTILITIES, EXISTING UNDERGROUND EQUIPMENT, OR NEW UNDERGROUND SERVICES. THIS CONTRACTOR SHALL COORDINATE WITH ALL TRADES AND EXISTING CONDITIONS PRIOR TO THE START OF WORK. PRIOR TO EXCAVATING, LOCATE ALL UNDERGROUND SERVICES AND CLEARLY INDICATE LOCATIONS.
- PROVIDE NEW LIGHTING CONTACTORS AND RECURIT SITE LIGHTS TO NEW PANEL A. NEW CONTACTORS SHALL BE HEAVY DUTY, WITH COILS RATED AT 240V/30A IN NEMA 1 ENCLOSURE SUITABLE FOR WALL MOUNTING. SQUARE D TYPE LXG1200 OR APPROVED EQUAL BY CUTLER-HAMMER OR GENERAL ELECTRIC. MAINTAIN EXISTING CONTROL VIA ROOF-MOUNTED PHOTOCELLS. ENSURE THAT CIRCUIT AMPACITY IS NOT EXCEEDED. FIELD VERIFY ALL SITE LIGHTING EQUIPMENT AND LOCATIONS PRIOR TO BID.
- IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO SEQUENCE/ SCHEDULE, WITH THE GENERAL TRADES CONTRACTOR, ANY WORK THAT MAY INVOLVE, INTERFERE WITH, OR ALTER NEW ROOF INSTALLATION. ANY ALTERATIONS TO NEW ROOF AFTER COMPLETION SHALL BE MADE AT THE ELECTRICAL CONTRACTOR'S EXPENSE.
- ALL ELECTRICAL DEVICES REQUIRING SCREWS SHALL BE INSTALLED WITH TAMPER-RESISTANT TORX TYPE SCREWS.
- COORDINATE ALL EXTERIOR CONDUIT ROUTING AND INSTALLATION WITH GENERAL TRADES CONTRACTOR.
- INSTALL ALL POWER PACKS AND EMERGENCY BATTERY PACKS IN CHASE AND AWAY FROM VIEW.

REVISIONS:
RECORD DRAWINGS

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