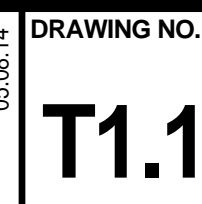
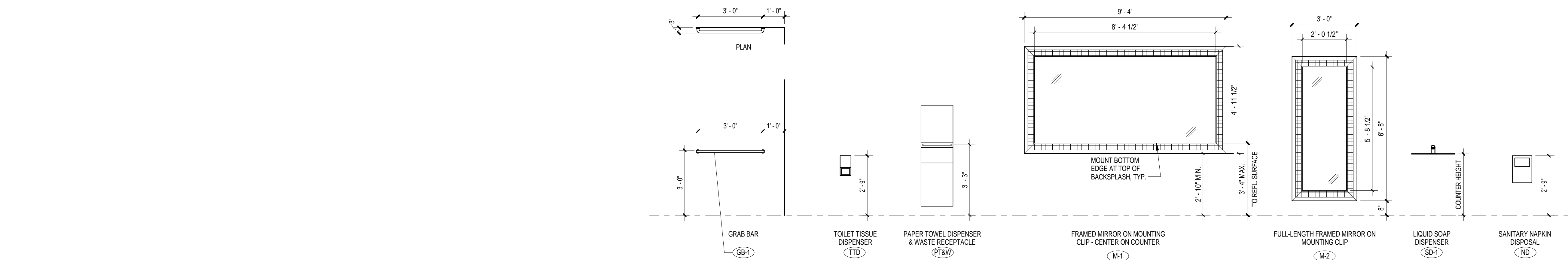


USC Project Number: H27-Z164

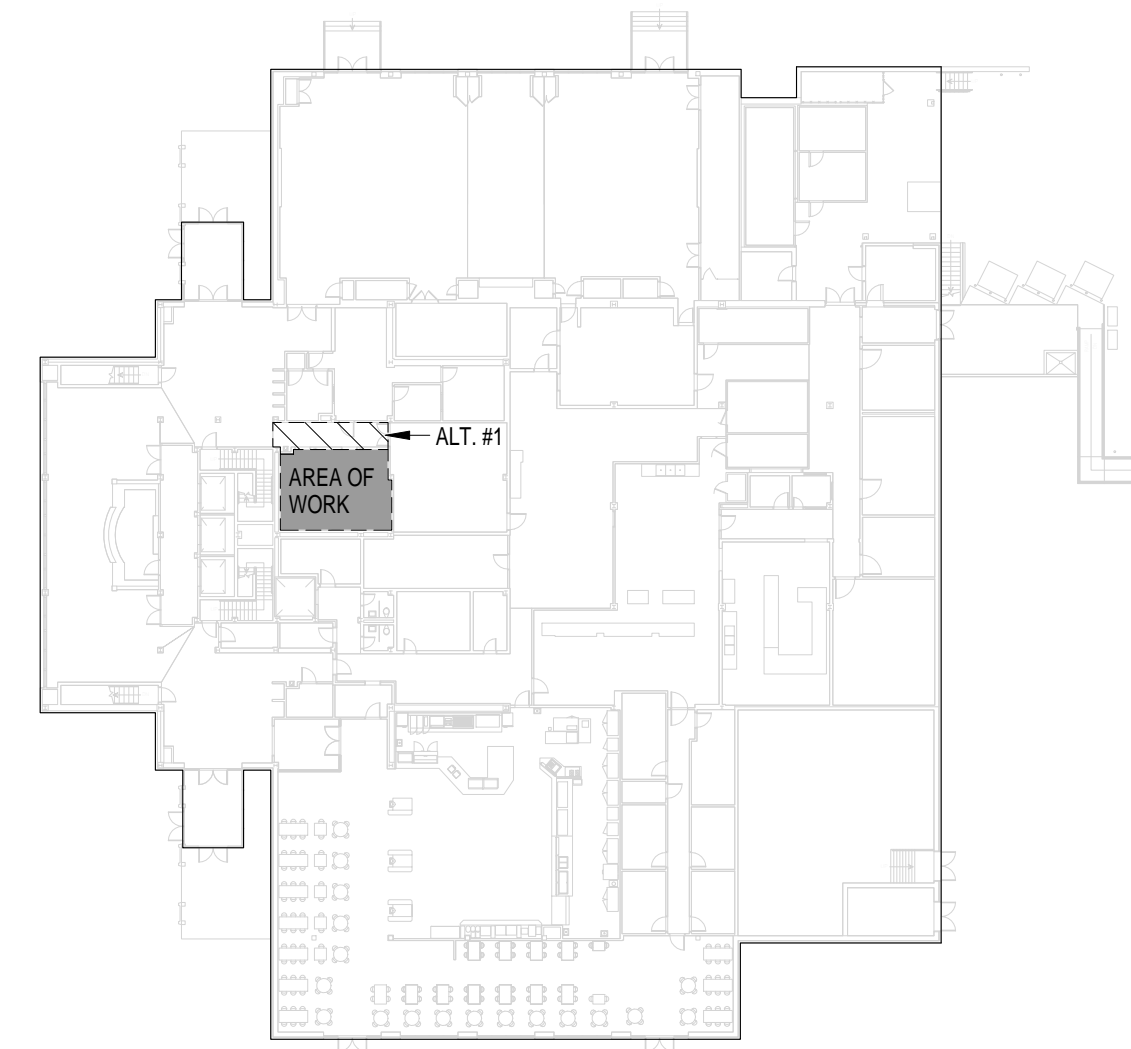
GD
GARVINDESIGNGROUP
803.212.1037 a / 803.212.1074 f
P.O. Box 18 Columbia, SC 29202
1209 Lincoln Street



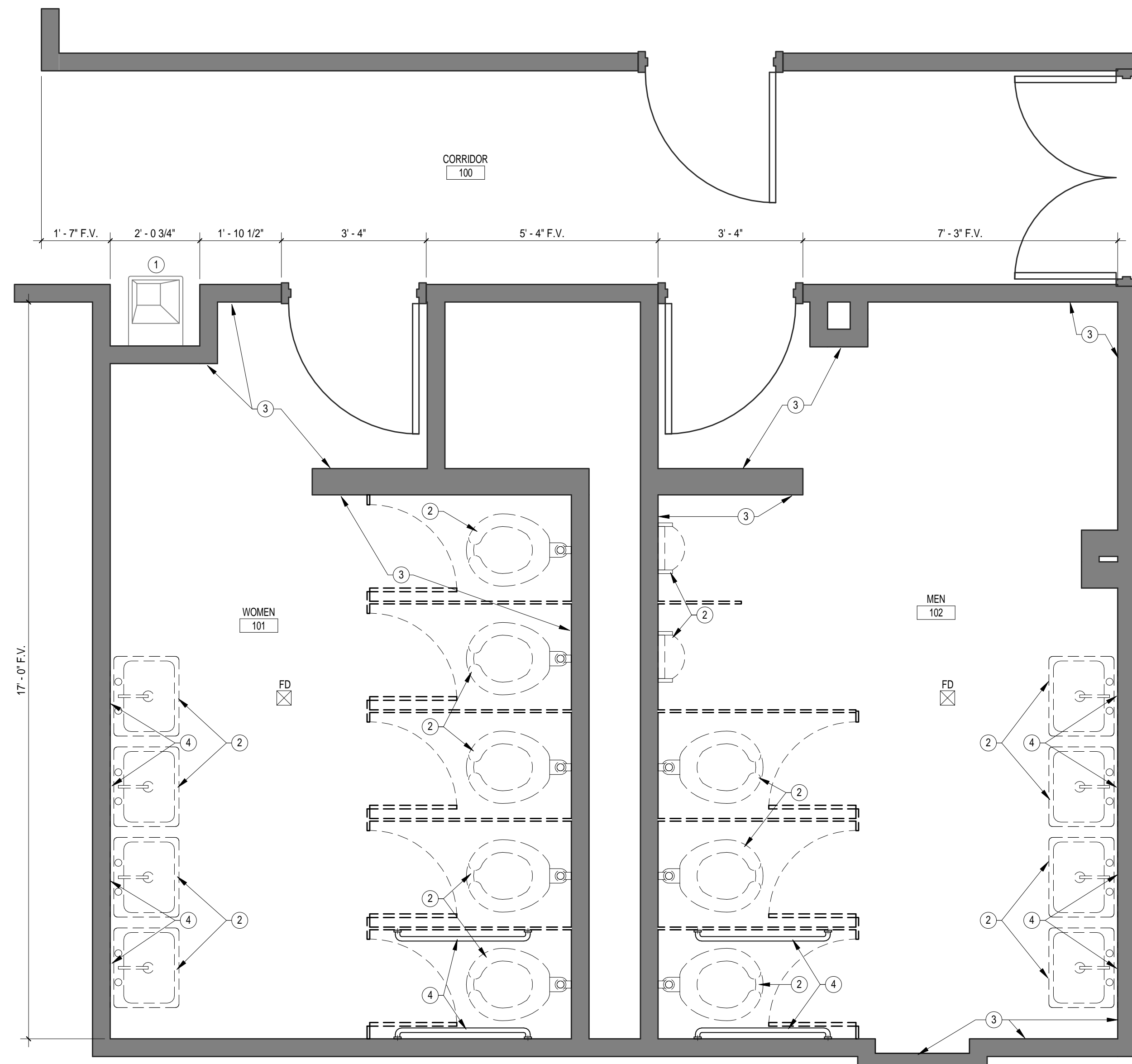


COORDINATE LOCATION OF ALL ACCESSORIES WITH ARCHITECT AND OWNER
SEE SPECS FOR MANUFACTURER AND MODEL NUMBERS

TOILET ACCESSORIES



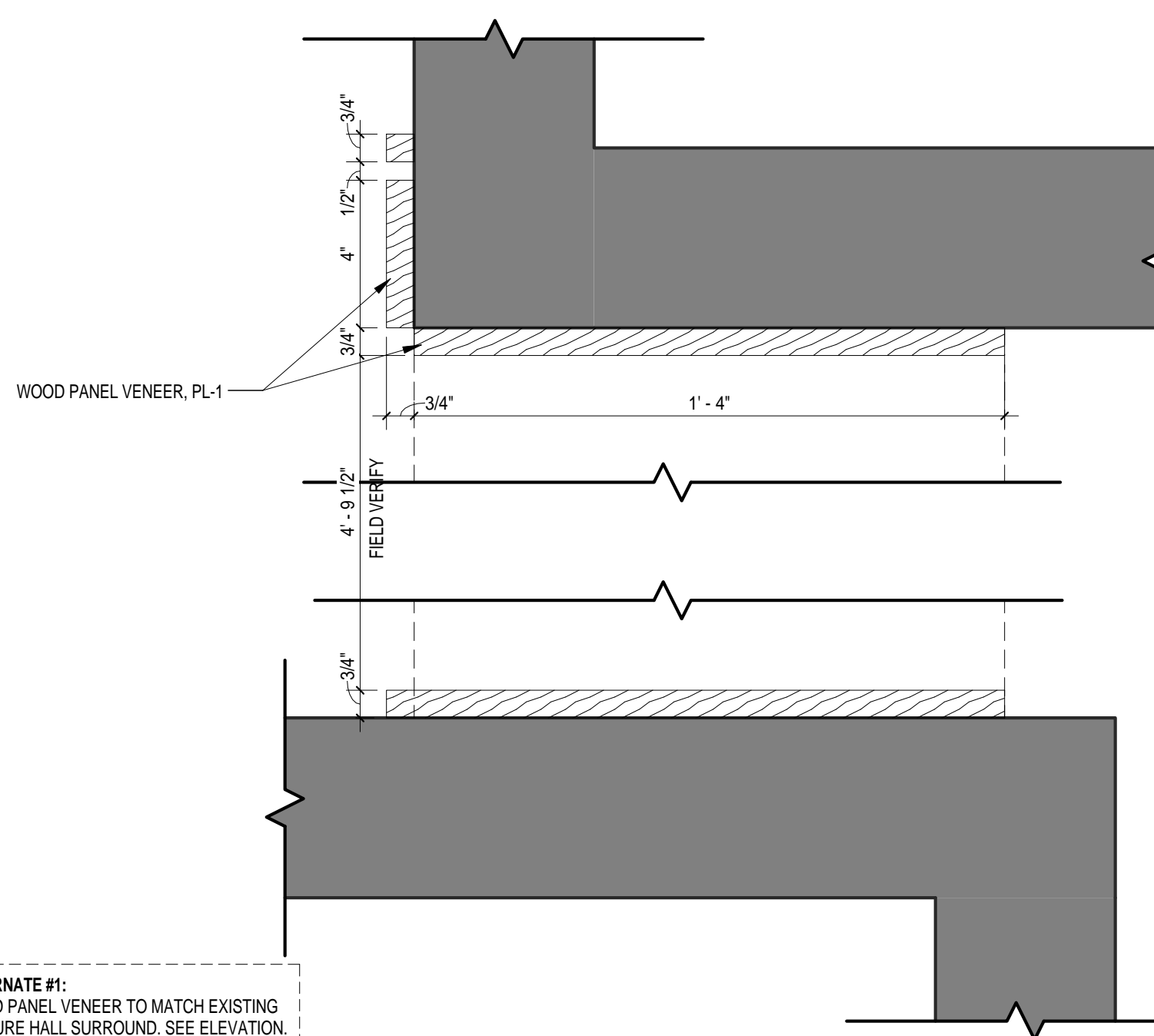
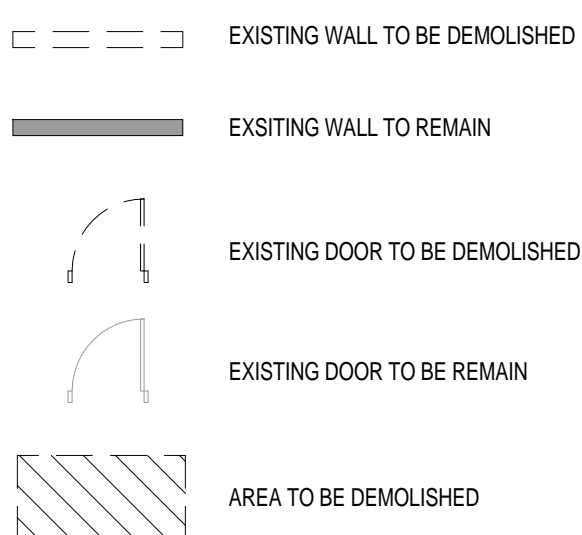
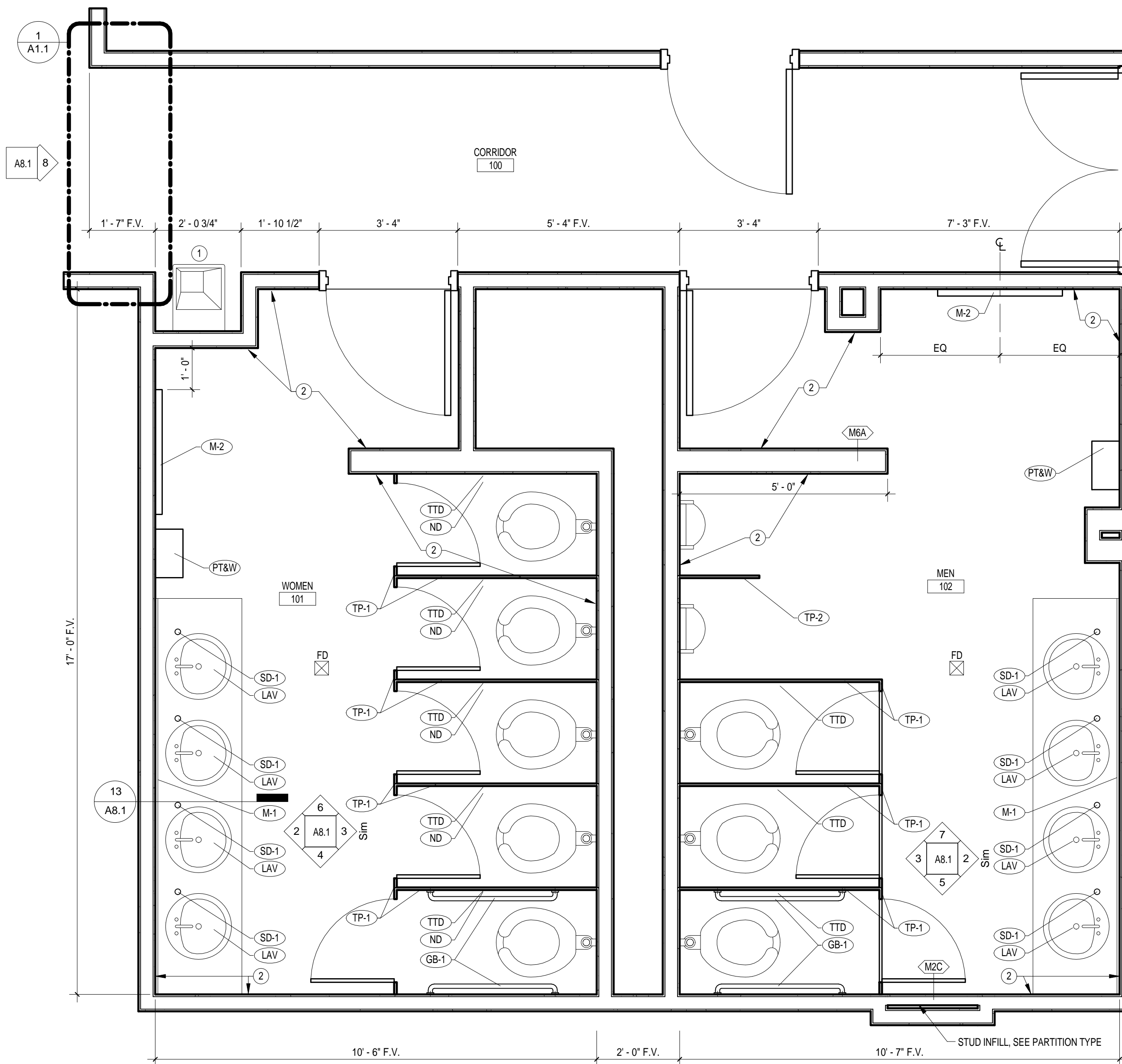
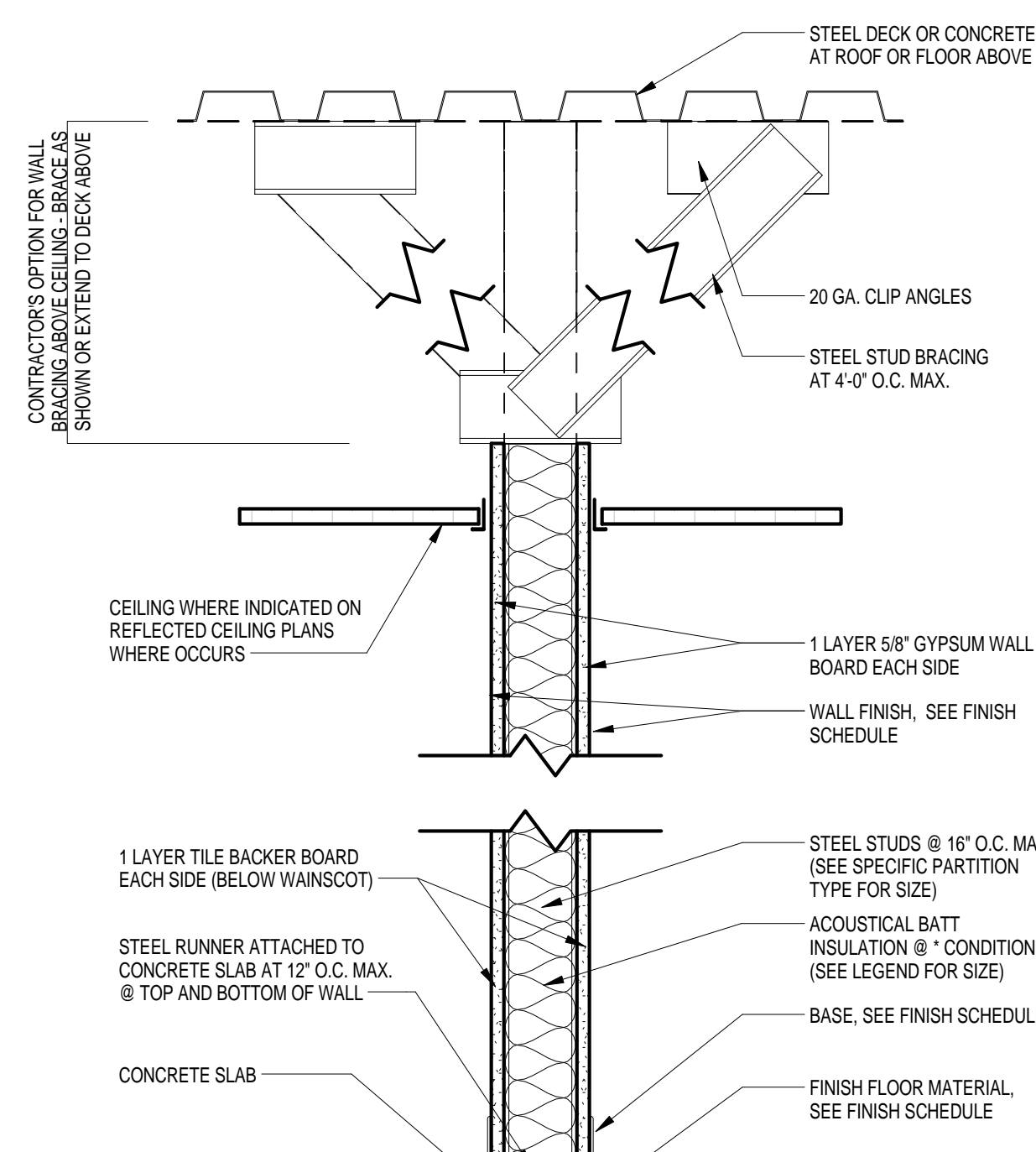
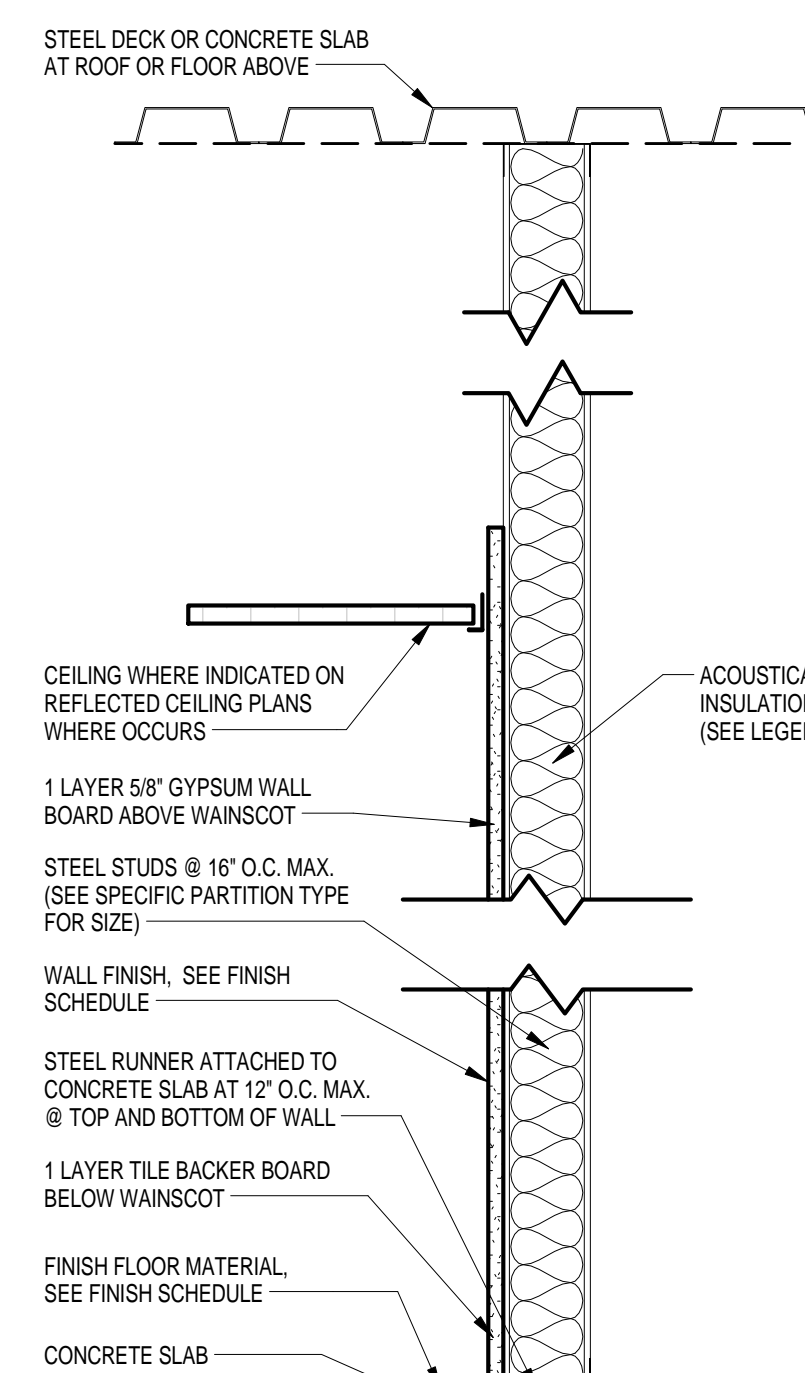
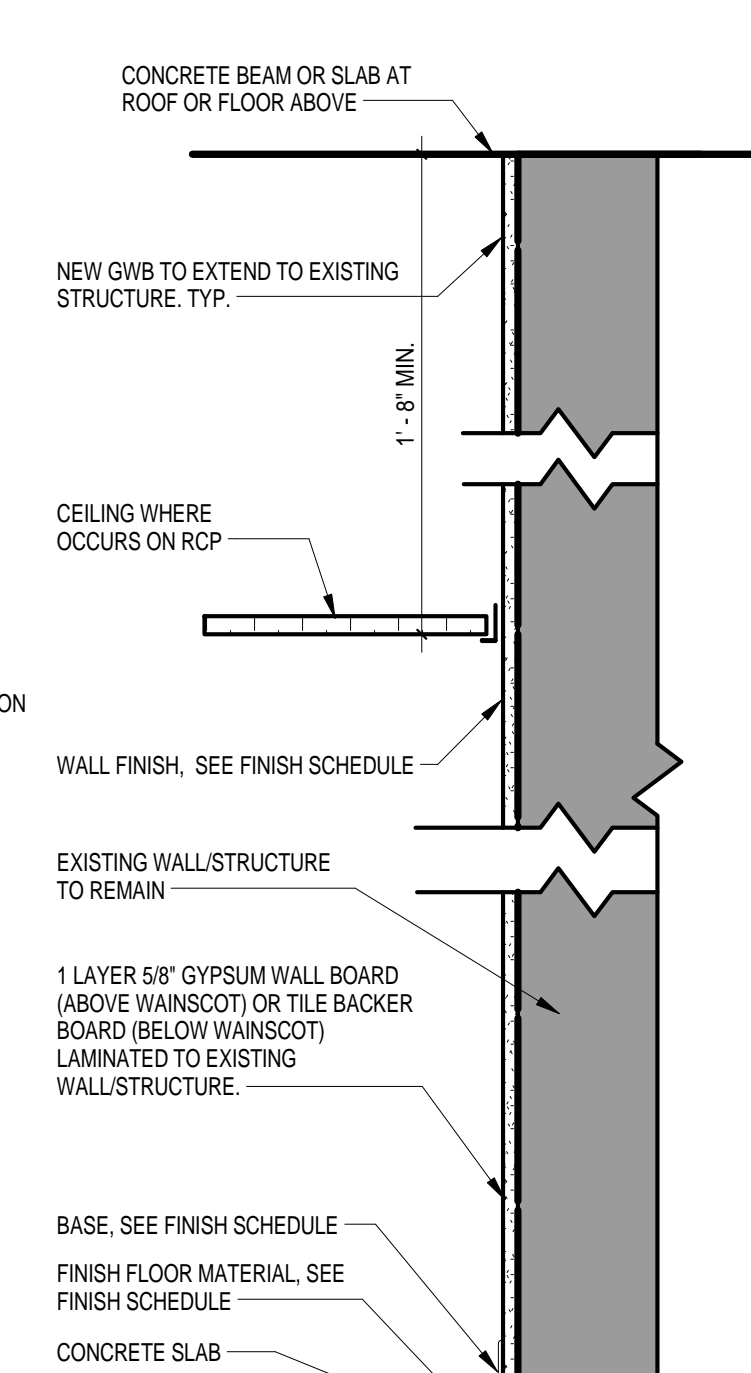
KEY PLAN - CAPSTONE

6 TOILET DEMO PLAN
A1.1 1/2" = 1'-0"

KEYNOTES - DEMOLITION PLAN

- PROTECT EXISTING VCT FLOORING, WATER FOUNTAIN, AND AREAS OUTSIDE OF PROJECT SCOPE.
- REMOVE EXISTING PLUMBING FIXTURES.
- REMOVE EXISTING FLOOR AND WALL TILE TO EXPOSE WALLS/ STRUCTURE.
- REMOVE EXISTING FRAMED MIRRORS, TOILET ACCESSORIES.

LEGEND - DEMOLITION PLAN

1 WOOD PANEL VENEER DETAIL
A1.1 3/4" = 1'-0"2 ENLARGED TOILET PLAN
A1.1 1/2" = 1'-0"3 M/H A
A1.1 1 1/2" = 1'-0"6 M/H C
A1.1 1 1/2" = 1'-0"4 F-1
A1.1 1 1/2" = 1'-0"

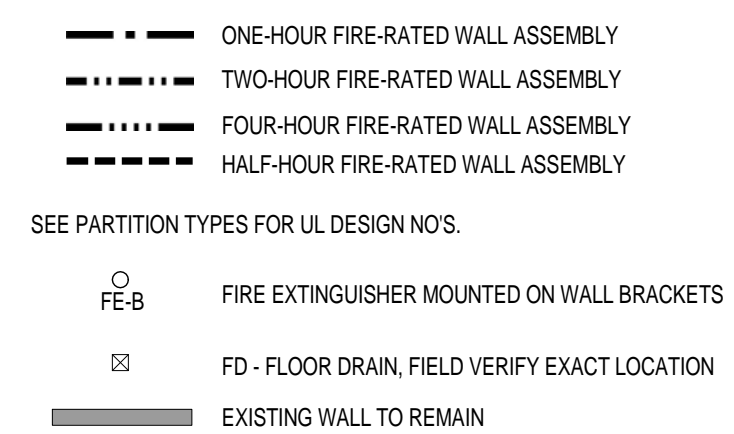
GENERAL NOTES - FLOOR PLAN

- DIMENSIONS INDICATED ON THESE DRAWINGS ARE TO FACE OF CMU WALL, FACE OF EXTERIOR VENEER, FACE OF STUD WALL, OR CENTERLINE OF COLUMN UNLESS OTHERWISE INDICATED. COORDINATE ALL DIMENSIONS WITH STRUCTURAL DIMENSION PLANS, ENLARGED PLANS, SECTION AND DETAIL DRAWINGS, AND STRUCTURAL DRAWINGS AND VERIFY EXACT LOCATIONS. COORDINATE ALL FLOOR SLAB PENETRATIONS WITH SYSTEM DRAWINGS (SS, MS, PS, ES) AND ACTUAL PRODUCT TO BE INSTALLED AND VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
- SEE FINISH SCHEDULES AND PLANS FOR FLOOR PATTERNS AND FLOOR FINISH REFERENCES.
- ALL EXISTING COLUMNS ARE TO REMAIN.
- PATCH ALL EXISTING HOLES IN CONCRETE STRUCTURE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- HAZARDOUS MATERIALS ARE PRESENT IN THE SCOPE OF DEMOLITION/CONSTRUCTION. A REPORT ON THE PRESENCE OF HAZARDOUS MATERIALS IS ON FILE FOR REVIEW. HAZARDOUS MATERIALS SHALL BE REMOVED BY OWNER PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- CONTACT OWNER UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED WITHIN THE PROJECT SCOPE.
- ALL EXISTING WALL AND FLOOR TILE TO BE REMOVED. PREPARE SURFACES FOR NEW GYPSUM BOARD AND TILE FINISHES. SEE FINISH PLANS FOR MATERIAL DESIGNATIONS.

KEYNOTES - FLOOR PLAN

- EXISTING WATER FILLING STATION.
- INFILL METAL STUDS AS REQUIRED FOR NEW FIXTURES. PROVIDE GYPSUM BOARD OR TILE BACKER BOARD, AND PREPARE WALL FOR NEW FINISH AS SCHEDULED.

LEGEND - FLOOR PLAN

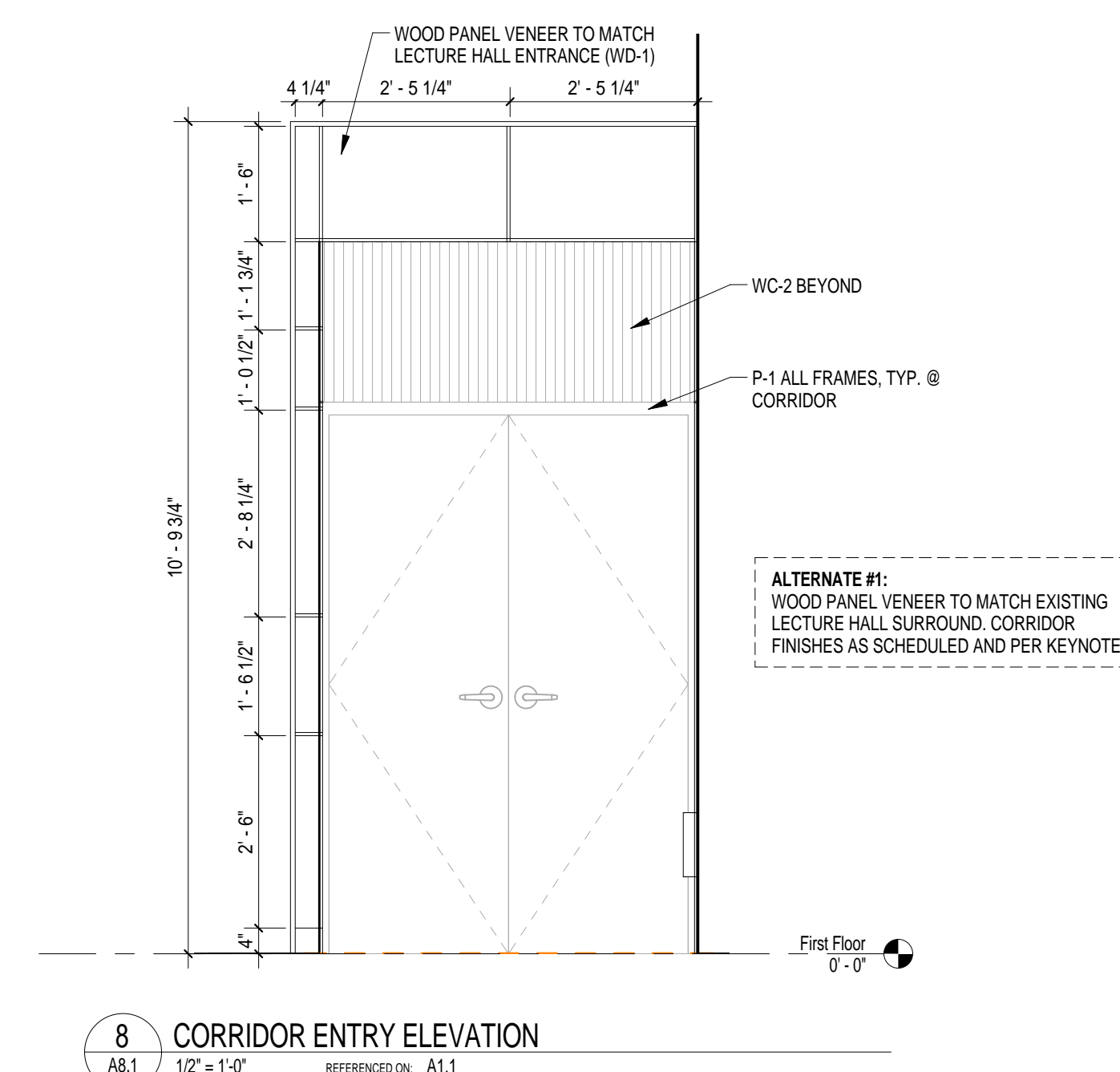
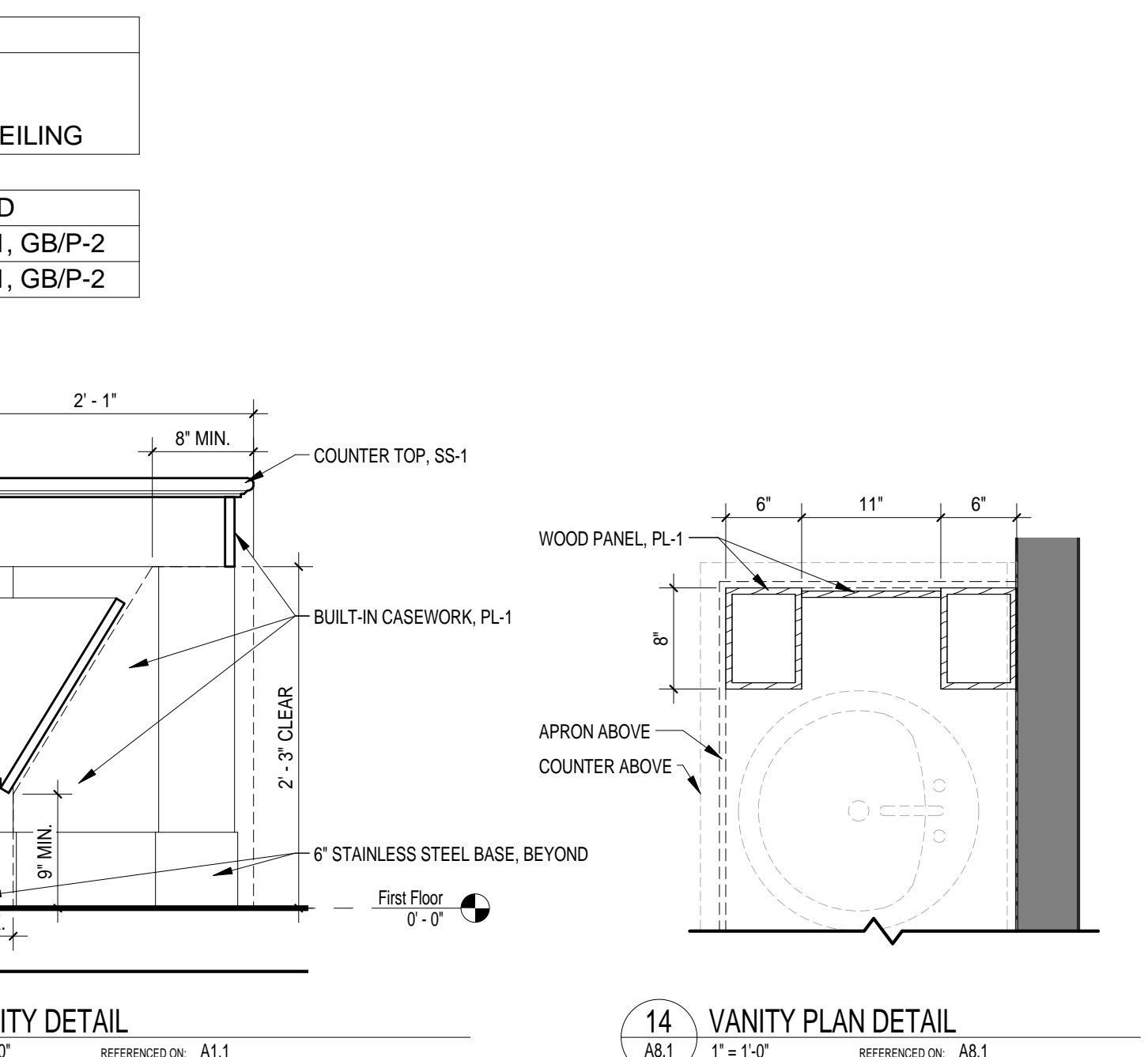
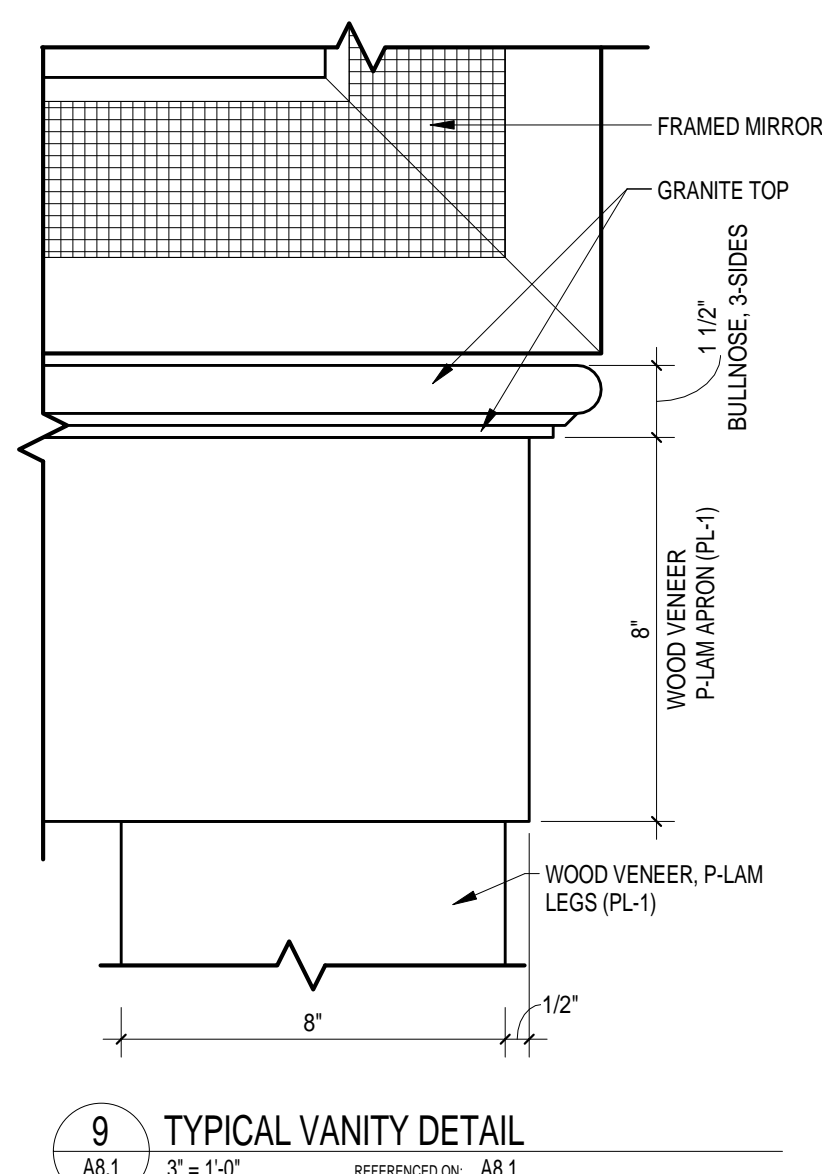
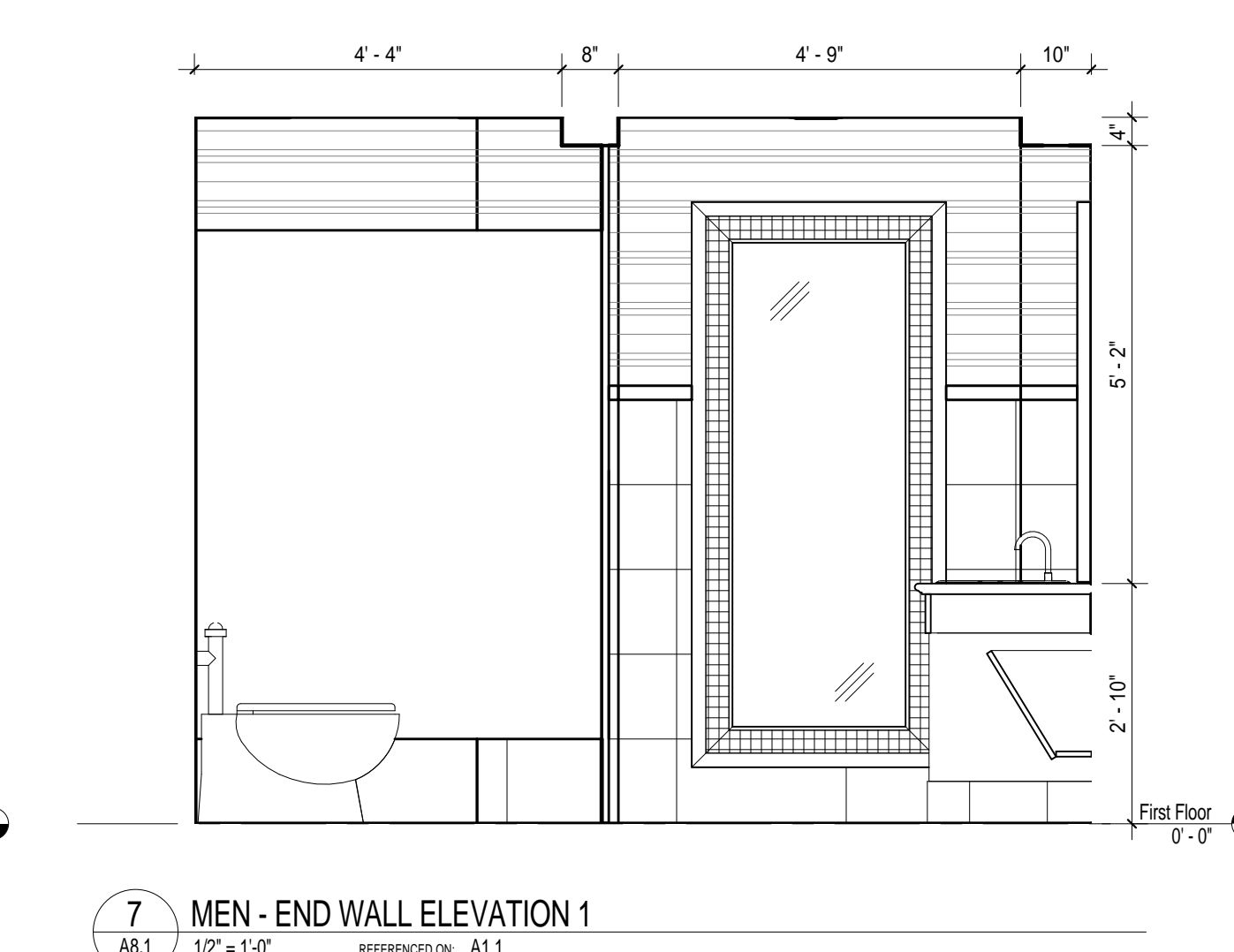
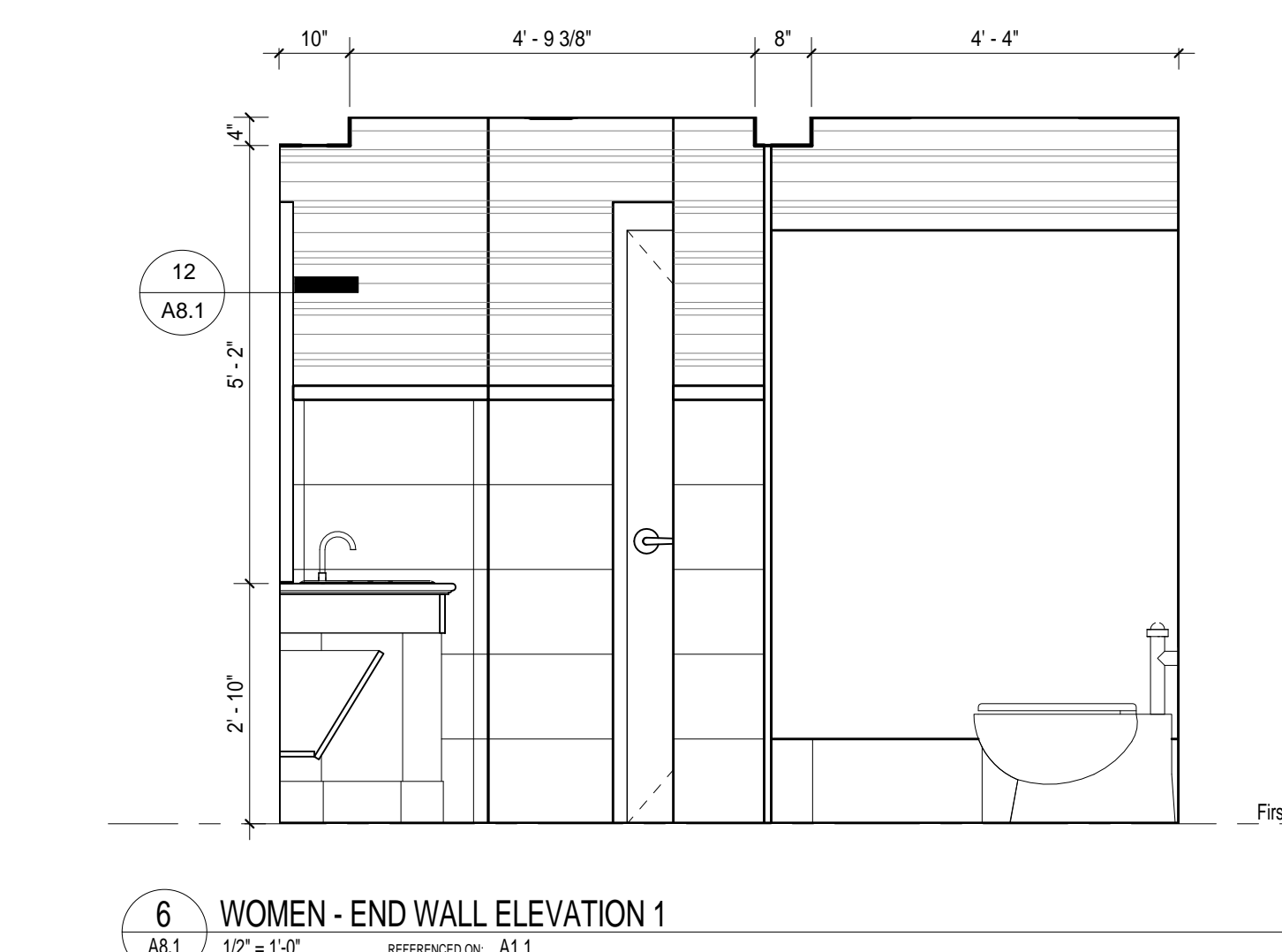
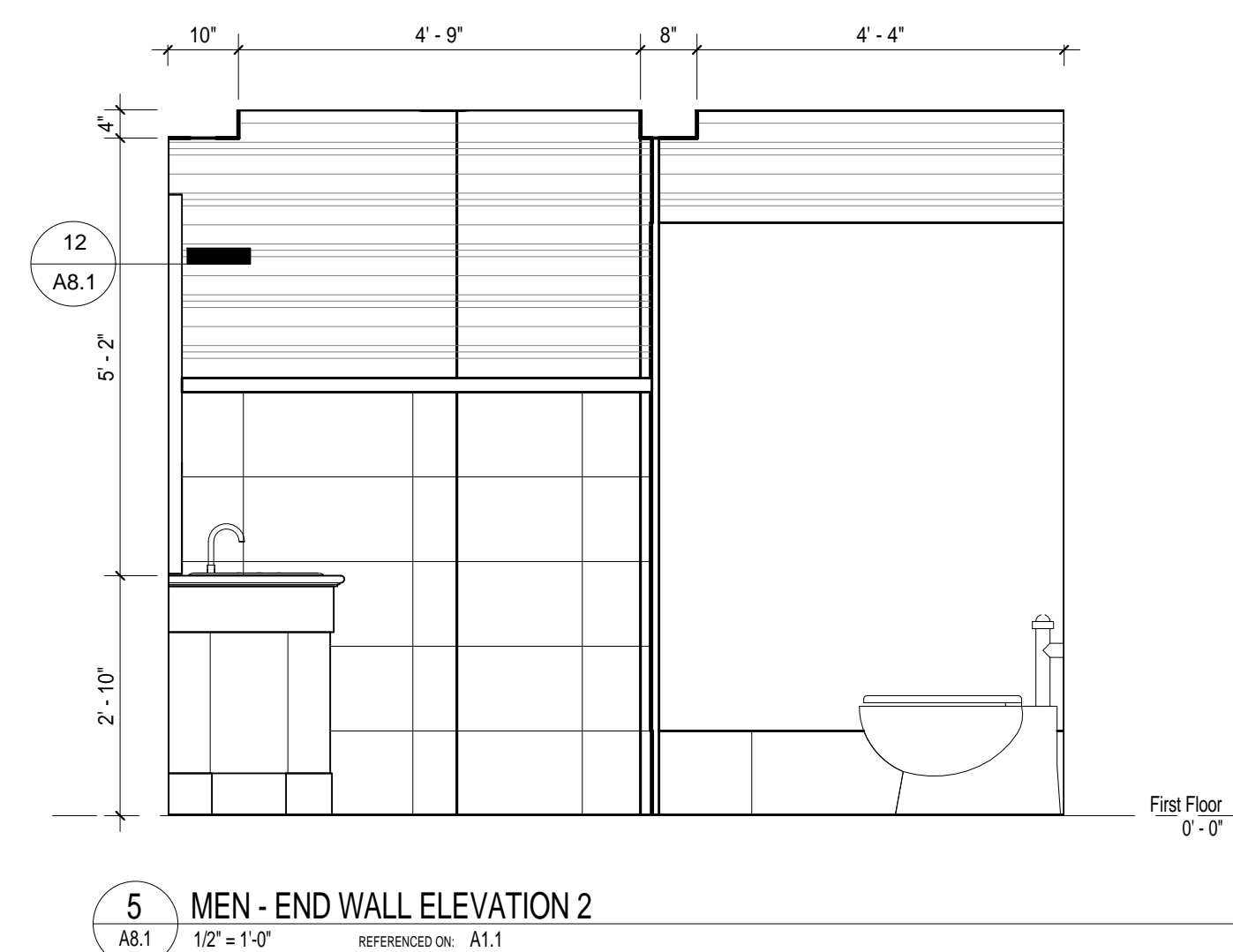
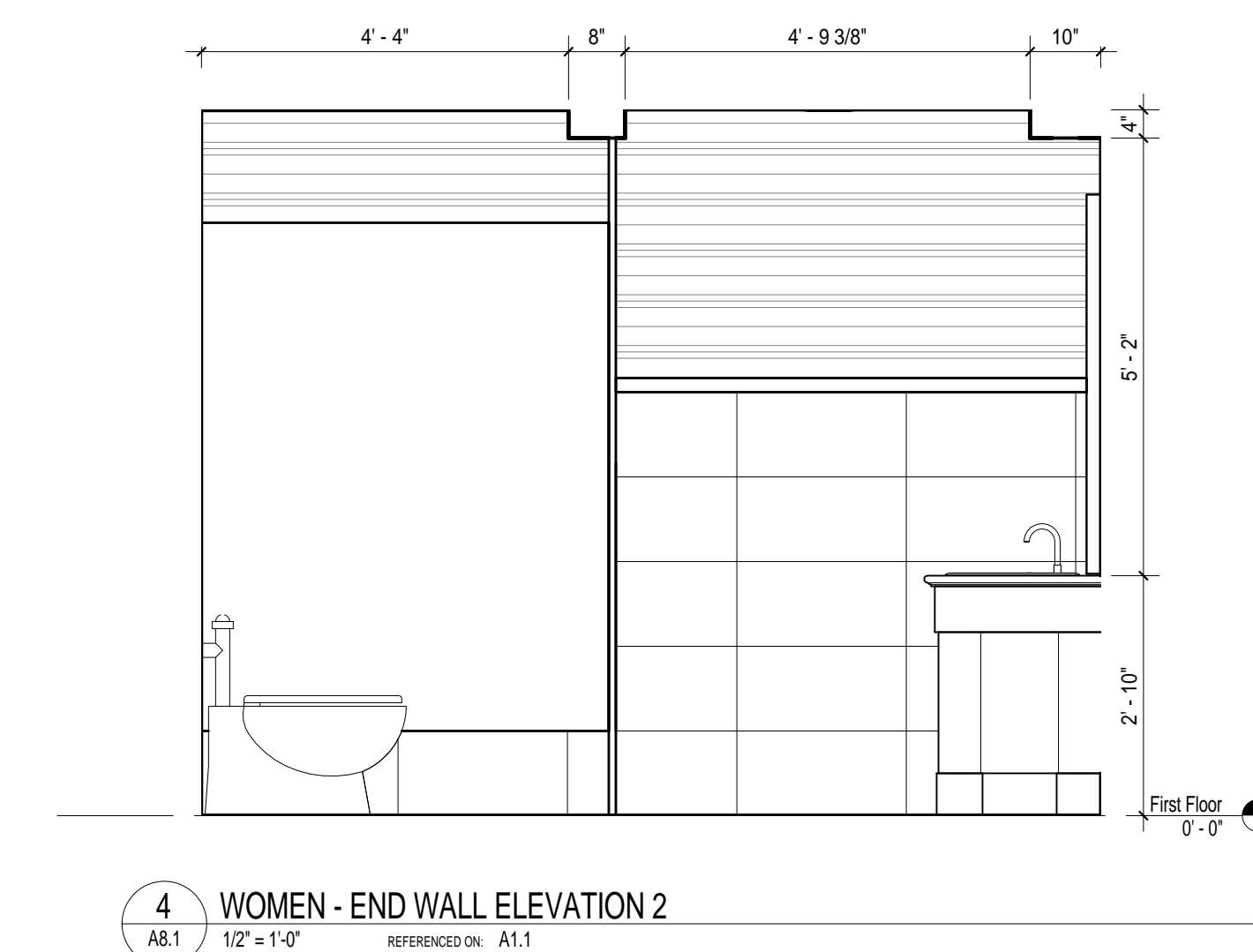
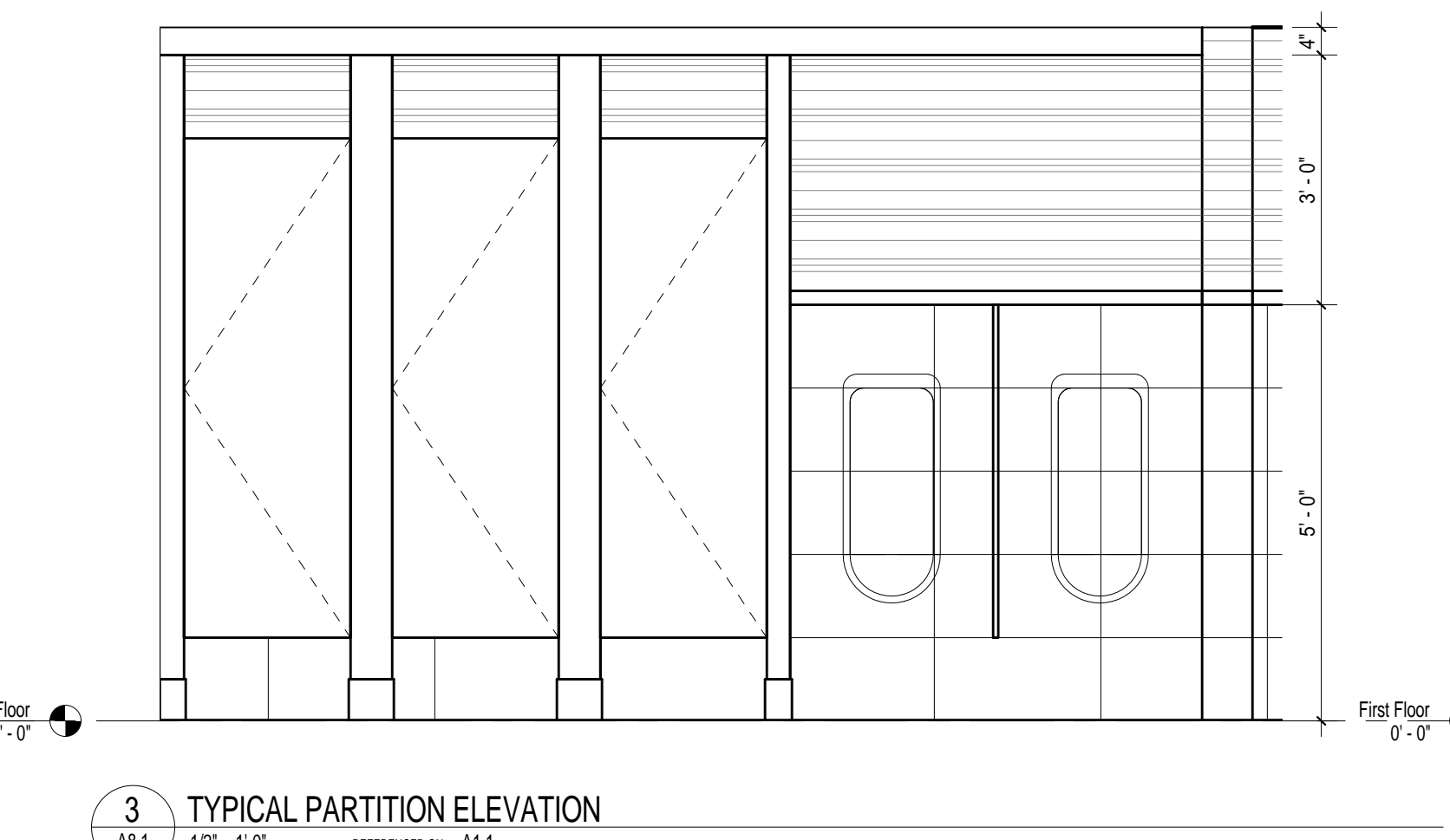
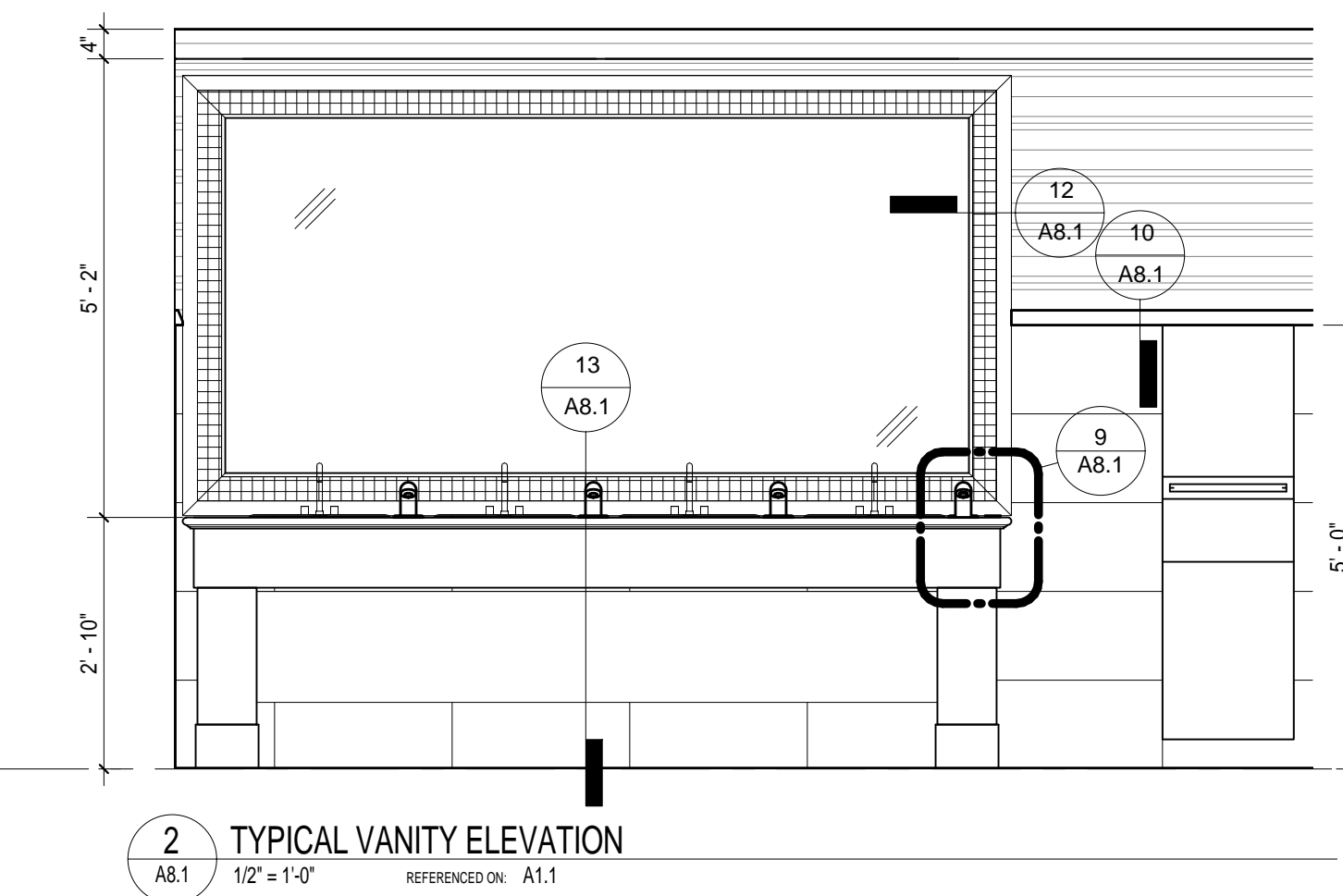


LEGEND - PARTITION TYPES

MATERIAL - SEE CHART BELOW	FINISH CONSTRUCTION - SEE PARTITION SECTION
SIZE - SEE CHART BELOW	INSULATION DESIGNATION
M1 1 1/2" METAL STUD	
M2 2 1/2" METAL STUD	
M3 3 1/2" METAL STUD	
M4 4" METAL STUD	
M5 6" METAL STUD	
M6 8" METAL STUD	
W2 2X2" WOOD STUD	
W4 2X4" WOOD STUD	
W6 2X6" WOOD STUD	
W8 2X8" WOOD STUD	
C4 4" CMU (3-5/8" NOM.)	
C8 8" CMU (7-5/8" NOM.)	
CT2 12" CMU (11-5/8" NOM.)	
S2 1/2" C-H STUD (SHAFT WALL)	

PROJECT TITLE
LOBBY RESTROOMS REFURBISHMENT808 Barnwell Street
Columbia, SC 29201DRAWN BY:
CHECKED BY:
DATE:
REVISIONS:
NO.
NAME
DATEDRAWING TITLE
FIRST FLOOR PLAN, PARTITION
TYPES, DETAILS, AND TOILET
ACCESSORIESPROJECT NO.
DATE
DRAWING NO.
A1.1

- 12' - 8" SHOWS CEILING HEIGHTS RELATIVE TO MAIN 0'-0" FINISHED FLOOR ELEVATION



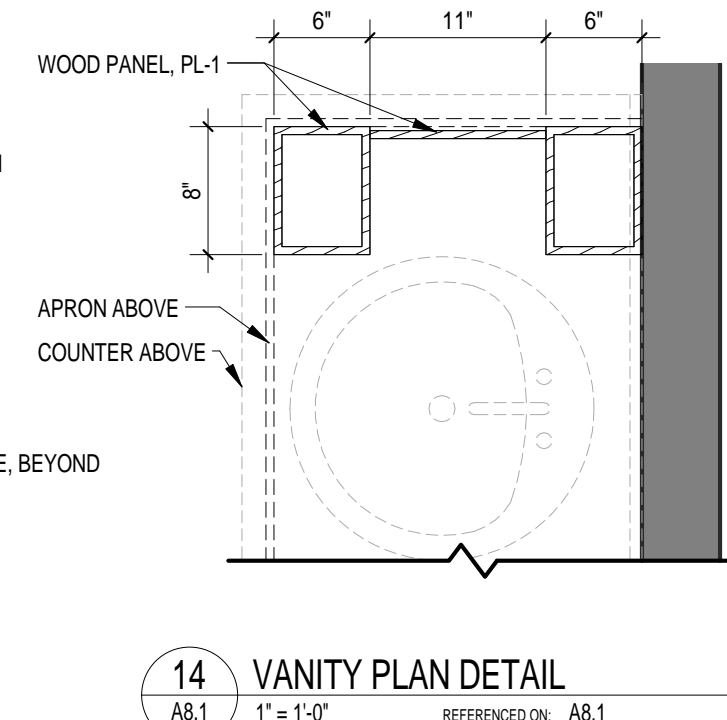
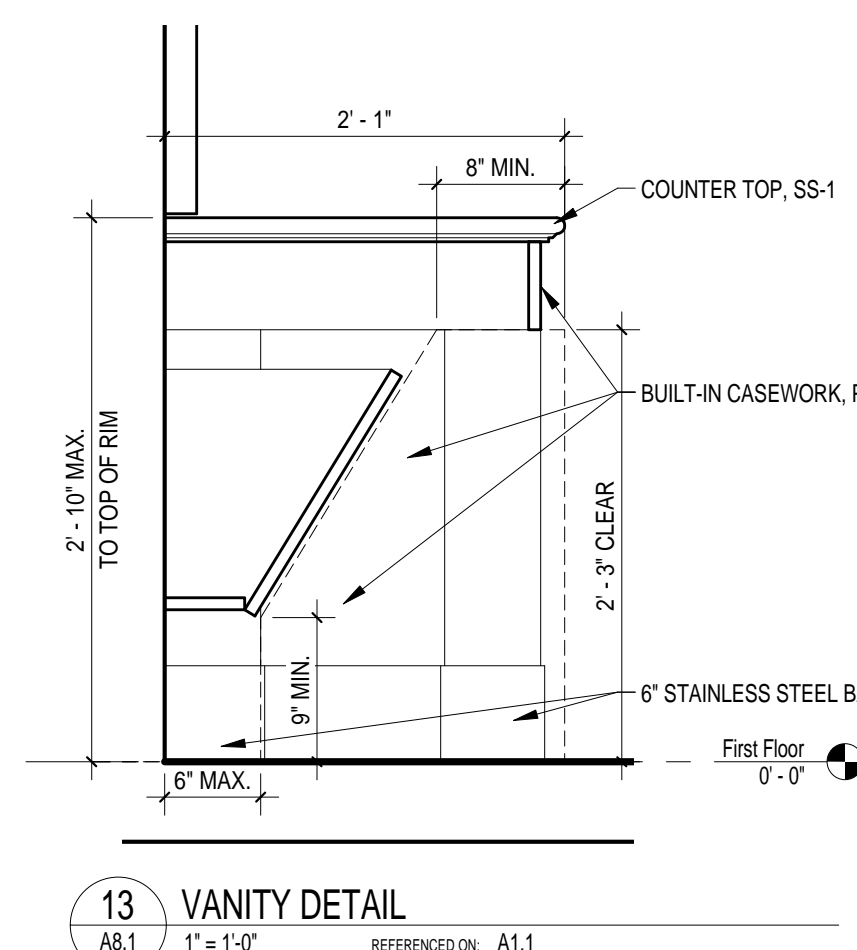
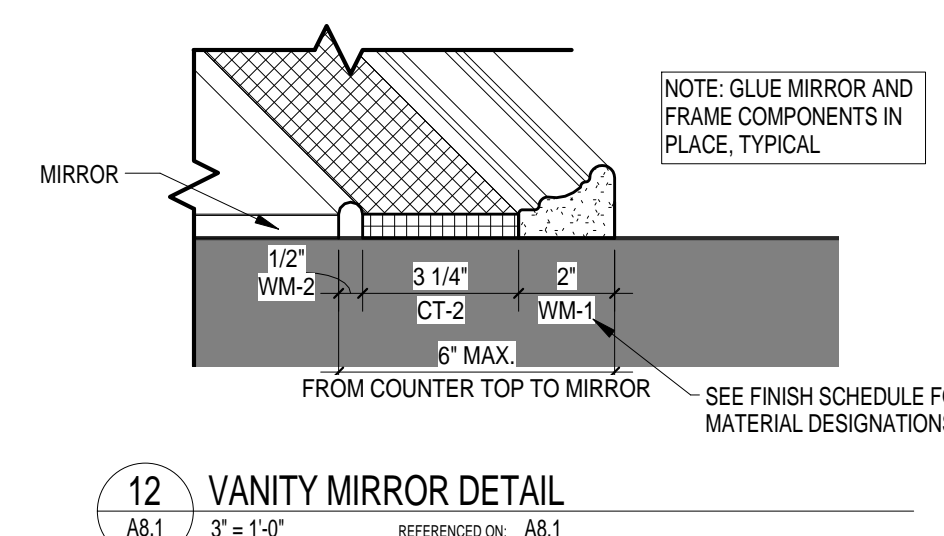
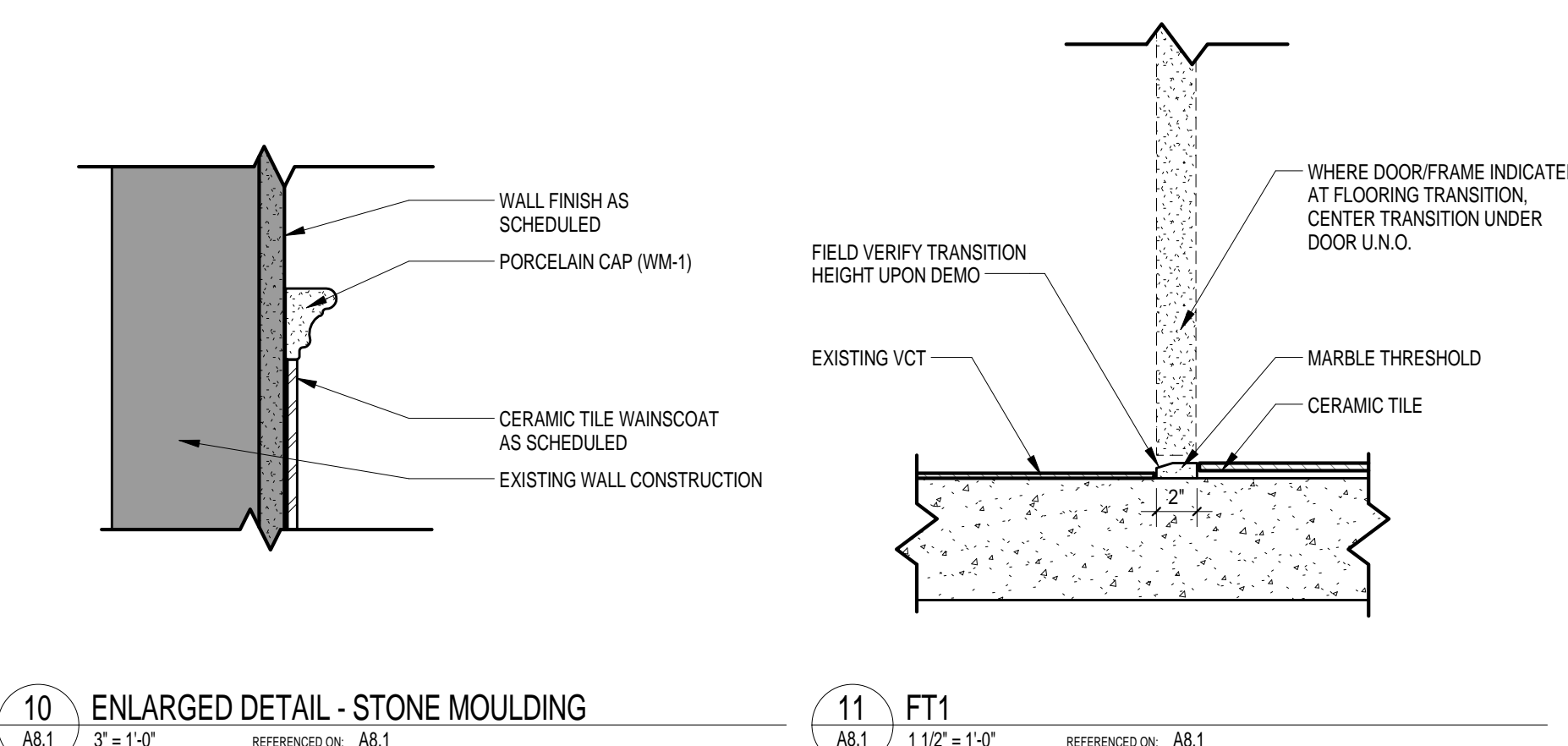
- A. WHERE SPECIFIC PRODUCTS ARE INDICATED, ITEM DESIGNATION INCORPORATES QUALITY AND AESTHETIC APPEARANCE FOR BASIS OF DESIGN. SEE SPECIFICATIONS FOR EQUAL, MANUFACTURER'S PER PRODUCT TYPE OR EQUIVALENT, DEPENDING ON THE QUALITY OF THE FINISHES SELL IN COLOR TEXTURE, AS WELL AS PERFORMANCE CRITERIA, PER ARCHITECT'S APPROVAL.
- B. ALL PAINT COLOR SELECTIONS SHALL BE FIELD VERIFIED WITH ARCHITECT IN LIGHTED CONDITIONS PRIOR TO FINAL INSTALLATION. SEE SPEC. RE-MOCK-UPS.
- C. REFERENCE REFLECTED CEILING PLANS FOR EXTENT/LOCATION OF CEILING FINISH DESIGNATIONS, FANS AND SILL LOCATIONS.
- D. SEE FINISH PLANS AND/OR ENLARGED INTERIOR PLANS & ELEVATIONS FOR EXTENT OF SPECIFIC FINISH DESIGNATIONS.
- E. FINISH COULDS IN OPEN AREAS TO MATCH ADJACENT WALLS, UNLESS NOTED OTHERWISE.
- F. SEE SILL DETAILS, FLOORING SPECIFICATIONS AND FINISH SCHEDULE FOR TRANSITION STRIPS.

- 1 WALLCOVERING ABOVE TILE WAINSCOT TO FULL HEIGHT, SEE ELEVATIONS
- 2 CERAMIC TILE (CT-1) FLOORING AND WAINSCOT, TYPICAL, SEE ELEVATIONS AND FINISH PLAN
- 3 NEW WALLCOVERING @ CORRIDOR WALLS, DOORS REFINISHED TO MATCH EXISTING, PAINT FAMES (P-1), NEW BASE FOR EXTENTS SHOWN, SEE FINISH PLAN
- 4 NEW WOOD PANEL VENEER (WDP-L1), SEE ELEVATION
- 5 NEW STAINED WOOD DOOR.

SCHEDULED INTERIOR FINISHES		
ABBREVIATION	DESCRIPTION	MANUFACTURER, COLOR, STYLE
BASE RB	RUBBER BASE	JOHNSONITE, RECESS PROFILE, #179 STEEL
FLOORS/WAINSCOT CT-1	CERAMIC TILE	EMIL AMERICA - MARMO ACERO -PERLATO SCURO - 12X24"
WALLS CT-2 P-1 P-2	MOSAIC TILE ACCENT PAINT - "WARM GREY" TRIM PAINT - "WHITE"	ELYSIUM ARTISTIC MOSAICS, SERIES, #766L COLOR: PRINCES SEMI-GLOSS, TO MATCH SHERWIN WILLIAMS "JEWEL CLOVE" FLAT, TO MATCH SHERWIN WILLIAMS "DOWNY"
WC-1 WC-2	T-ROOM WALLCOVERING CORRIDOR WALLCOVERING	COLOR & DESIGN SHIMMER WEAVE #C02-SMMV-02 MAHARAM, TRAVERSE #395687, COLOR: 002 PRAIRIE
CEILINGS APC-1 GBP	ACQUISITAL PANEL CEILING GYPSUM BOARD CEILING	ARMSTRONG MESE, OR APPROVED EQ. 2X2 PAINT TO MATCH-P-2
CASEWORK PL-1 ST-1	PLASTIC LAMINATE STD WOOD/LAMINATE VENEER STONE COUNTERTOP	FORMICA #8648-58 NATURAL TEAK STAINED TO MATCH FORMICA LAMINATE GRANITE-DELICATUS
MISC. MIT WM1 WM2 WM3 WDR	MARBLE THRESHOLD WALL MOLDING WALL MOLDING HOLLOW METAL FRAMES WOOD DOORS, REFINISHED	GARRERA MARBLE TRANSITION STRIP, SEE SPEC. BEDROSJANS, LAGOS AZUL 2X12"X2" CHAIR RAIL BEDROSJANS, LAGOS AZUL 3/4"X1/2" CANE METAL FRAMES AND TRIM, PAINTED P-1, SEMI-GLOSS WOOD DOORS, REFINISHED TO MATCH ARCHITECT'S SAMPLE

**FINISH ORIENTATION IS PLAN NORTH


FINISH SCHEDULE - FIRST FLOOR								
ROOM NO.	ROOM NAME	BASE	FLOOR	WALL FINISH	WALL FINISH	WALL FINISH	WALL FINISH	CEILING
				NORTH	EAST	SOUTH	WEST	
100	CORRIDOR	RB-1	EX VCT	WC-2	WC-2	WC-2	WC-2	EX.WD
101	WOMEN	CT-1	CT-1	CT-1,WC-1	CT-1,WC-1	CT-1,WC-1	CT-1,WC-1	APC-1, GB/P-2
102	MEN	CT-1	CT-1	CT-1,WC-1	CT-1,WC-1	CT-1,WC-1	CT-1,WC-1	APC-1, GB/P-2



AIR DISTRIBUTION SCHEDULE								
TAG	DESCRIPTION	MANUFACTURER	MODEL	FRAME	CFM	NECK SIZE	FACE SIZE	REMARKS
(A)	PERFORATED RETURN	PRICE	APDDR	LAY-IN	--	10"x10"	24"x24"	1,2
(B)	PERFORATED RETURN	PRICE	APDDR	LAY-IN	--	14"x14"	24"x24"	1,2
(C)	PERFORATED EXHAUST	PRICE	APDDR	LAY-IN	251-350	10"x10"	24"x24"	1,2,3

1. PROVIDE WITH STANDARD WHITE FINISH.
 2. PROVIDE ALUMINUM OR ALUMINIZED STEEL CONSTRUCTION.
 3. PROVIDE WITH OPPOSED BLADE DAMPER.

GENERAL NOTES

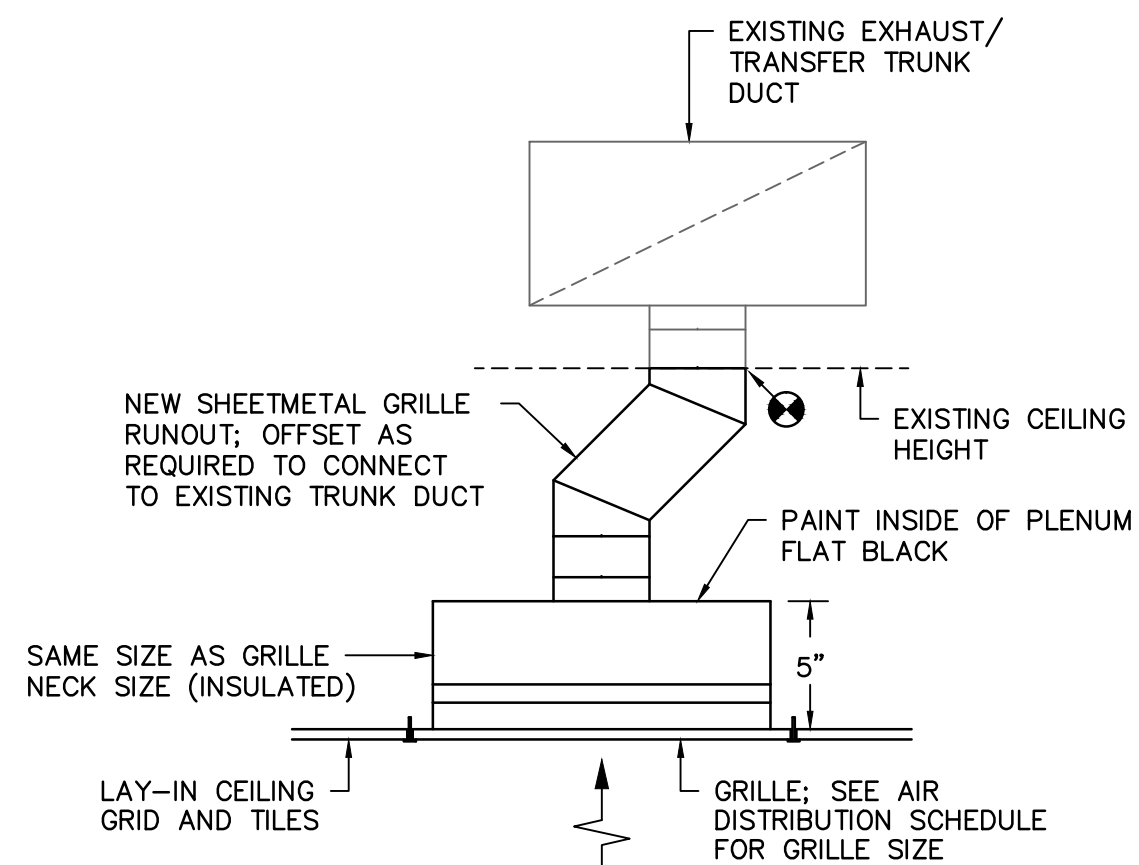
1. VISIT SITE PRIOR TO BIDDING. THIS CONTRACTOR SHALL DETERMINE DIFFICULTY OF INSTALLATION AND REFLECT THIS IN HIS BIDDING.
2. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF DOORS, WINDOWS, AIR DISTRIBUTION, ETC. THIS CONTRACTOR SHALL VERIFY ALL EXISTING ITEMS AND LOCATIONS IN THE FIELD.
3. ALL DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE.
4. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY DISMANTLING OF EQUIPMENT TO BE REMOVED.
5. ITEMS REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.
6.  - CONNECTION POINT OF NEW TO EXISTING.

DEMOLITION NOTES

- ① EXISTING TRANSFER GRILLE TO BE REMOVED COMPLETELY. EXISTING DUCTWORK TO REMAIN IN PLACE FOR CONNECTION TO NEW.
- ② EXISTING EXHAUST GRILLE TO BE REMOVED COMPLETELY. EXISTING DUCTWORK TO REMAIN IN PLACE FOR CONNECTION TO NEW.

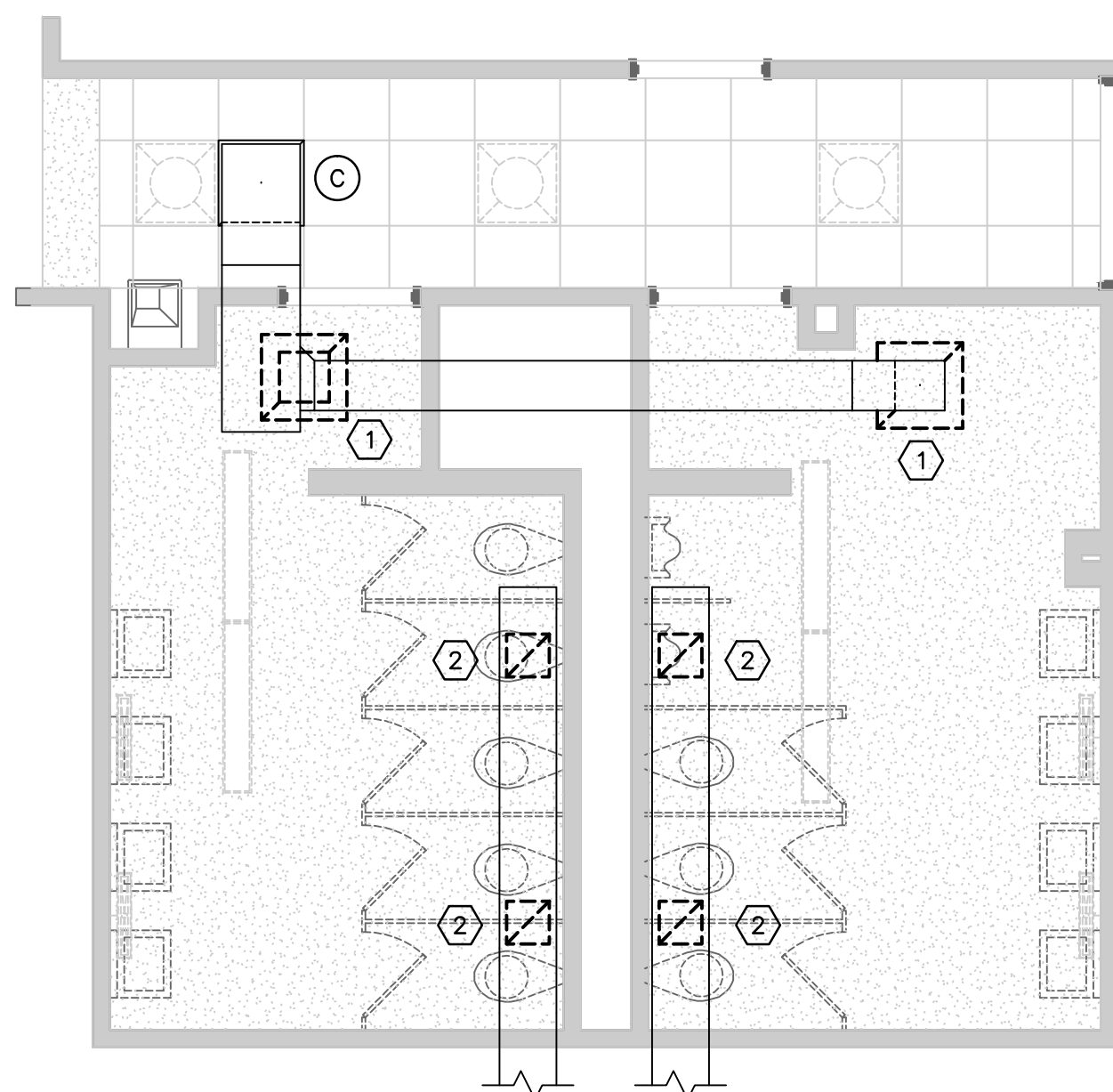
NOTES TO SHEET

1. INSTALL NEW TRANSFER GRILLE IN NEW ACOUSTICAL CEILING TILE GRID PER THE AIR DISTRIBUTION SCHEDULE AND EXTEND DUCTWORK FULL SIZE OF NECK TO EXISTING DUCTWORK AND TRANSITION AS REQUIRED.
2. INSTALL NEW EXHAUST GRILLE IN NEW ACOUSTICAL CEILING TILE GRID PER THE AIR DISTRIBUTION SCHEDULE AND EXTEND DUCTWORK FULL SIZE OF NECK TO EXISTING DUCTWORK AND TRANSITION AS REQUIRED.

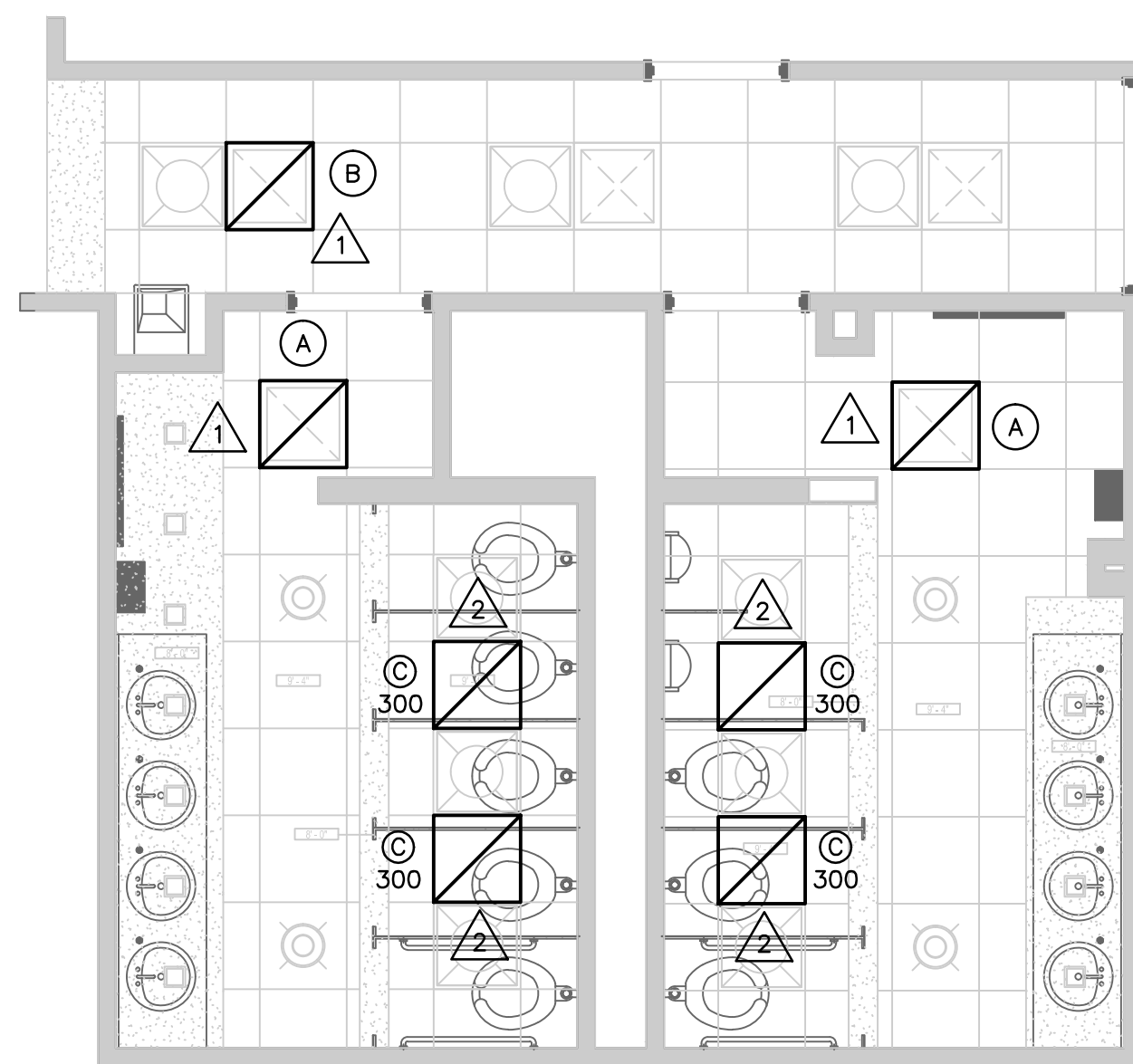


EXHAUST/TRANSFER GRILLE DETAIL

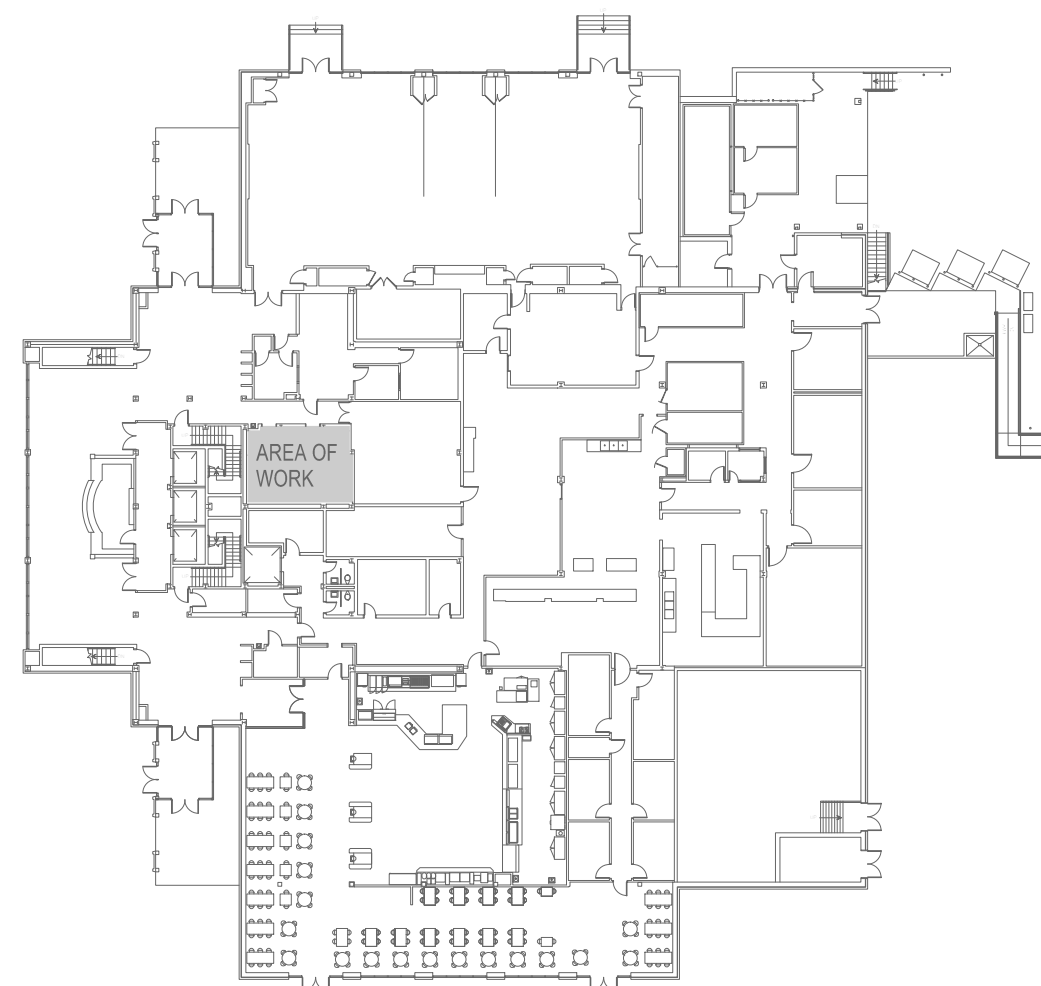
NO SCALE



1 PARTIAL DEMOLITION FLOOR PLAN
M1.1 SCALE: 1/4" = 1'-0"



2 PARTIAL RENOVATION FLOOR PLAN
M1.1 SCALE: 1/4" = 1'-0"



 **FIRST FLOOR KEY PLAN**
NO SCALE

Swygert & Associates
CONSULTING ENGINEERS

DBA Swygert & Assoc., Ltd. Telephone: (803) 791-9300
Post Office Box 11686 Facsimile: (803) 791-0830
Columbia, S.C. 29211 mail@swygert-associates.com

SEAL

PROJECT TITLE

**CAPSTONE LOBBY RESTROOMS
REFURBISHMENT**

898 Barnwell Street
Columbia, SC 29201

[illegible]

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DRAWING TITLE

PROJECT NO.	U351.14
DATE	05.08.14

M1

N: \PROJECTS\14265 DRAWINGS\PLUM\14265-PL-1.dwg

DEMOLITION NOTES

- EXISTING WALL HUNG WATER CLOSET TO BE REMOVED COMPLETELY INCLUDING FLUSH VALVE AND CHAIR CARRIER. EXISTING WASTE, VENT, AND SUPPLY PIPING TO BE REUSED FOR NEW FIXTURE.
- EXISTING WALL HUNG URINAL TO BE REMOVED COMPLETELY INCLUDING FLUSH VALVE AND CHAIR CARRIER. EXISTING WASTE, VENT, AND SUPPLY PIPING TO BE REUSED FOR NEW FIXTURE.
- EXISTING WALL HUNG LAVATORY TO BE REMOVED COMPLETELY INCLUDING FAUCET, SUPPLY TUBING, AND P-TRAP. EXISTING WASTE, VENT, AND SUPPLY PIPING TO BE REUSED FOR NEW FIXTURE.
- EXISTING FLOOR DRAIN TO BE REMOVED. EXISTING WASTE PIPING TO BE REUSED FOR NEW FLOOR DRAIN.
- EXISTING HOSE BIBB TO BE REMOVED. EXISTING SUPPLY PIPING TO BE REUSED FOR NEW HOSE BIBB.

PLUMBING FIXTURE SCHEDULE

P. NO.	FIXTURE	MFG.	NAME	MFGS. NO.	SIZE	MIN. SUPPLY		REMARKS
						CW	HW	
P-1	WATER CLOSET	KOHLER	KINGSTON	K-4325	- - -	1"	- -	WITH SLOAN MODEL 8111-1.28 BATTERY POWERED SENSOR FLUSH VALVE, BENKE 527 SEAT, AND CHAIR CARRIER.
P-2	ACCESSIBLE WATER CLOSET	KOHLER	KINGSTON	K-4330	- - -	1"	- -	WITH SLOAN MODEL 8111-1.28 BATTERY POWERED SENSOR FLUSH VALVE, BENKE 527 SEAT, AND CHAIR CARRIER.
P-3	URINAL	KOHLER	DEXTER	K-5016-ET	- - -	3/4"	- -	WITH SLOAN MODEL 8186-0.5 BATTERY POWERED SENSOR FLUSH VALVE, AND CHAIR CARRIER.
P-4	LAVATORY	KOHLER	BANCROFT	K-2319	17"x14"	3/8"	3/8"	UNDERCOUNTER MOUNTED WITH SLOAN MODEL EAF-250-ISM BATTERY POWERED SENSOR FAUCET, WATTS, OR APPROVED EQUAL, SERIES USG-B MIXING VALVE, MCGUIRE 155WC OFFSET GRID DRAIN, MCGUIRE H165 3/8" CAST BRASS SUPPLIES WITH STOPS, AND MCGUIRE 8872 1-1/4" P-TRAP. MOUNT MIXING VALVE AS HIGH AS POSSIBLE UNDER COUNTERTOP.
FD	FLOOR DRAIN	ZURN	- - -	ZN-415-B	- - -	- -	- -	WITH 5"Ø NICKLE BRONZE STRAINER, P-TRAP, AND TRAP GUARD BY PROSET, OR APPROVED EQUAL.

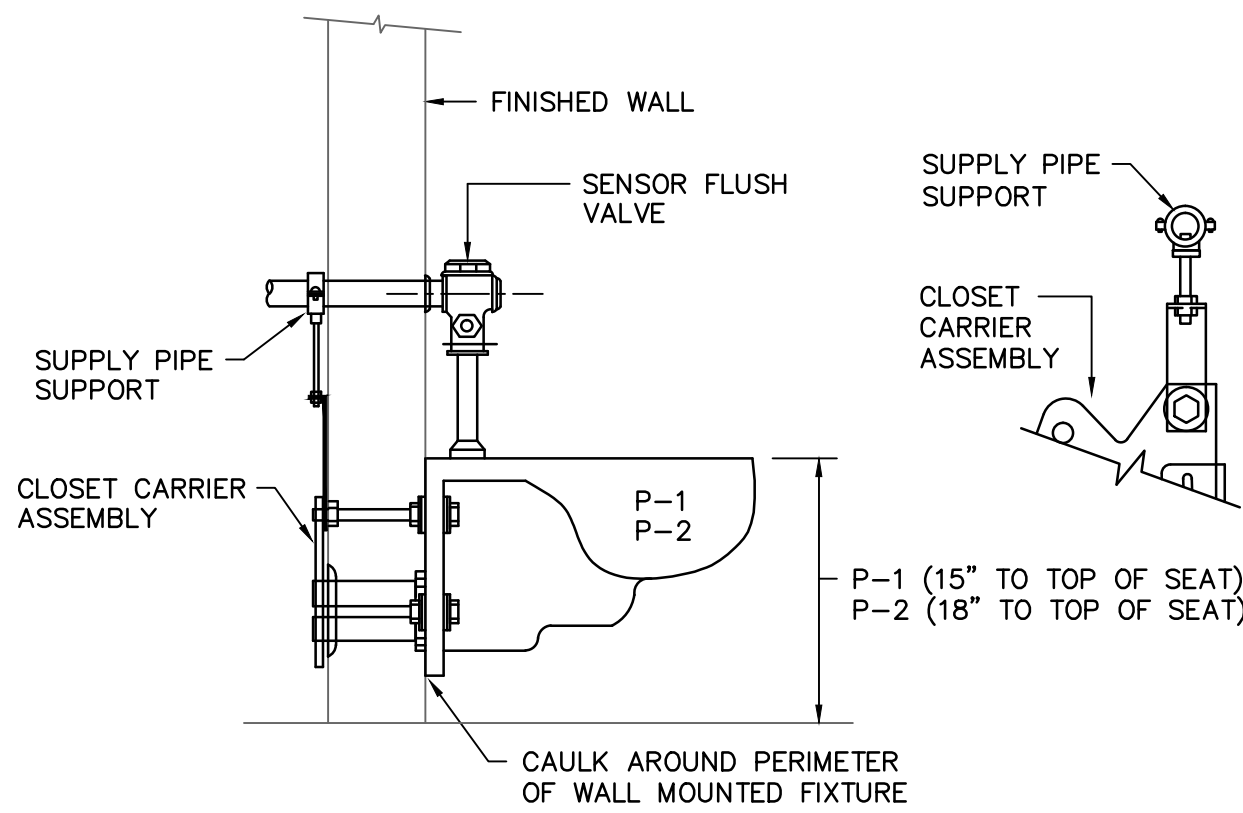
NOTE: SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF ALL WALL MOUNTED FIXTURES.

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED ACCORDING TO ALL LOCAL, STATE, NATIONAL CODES, AND THE 2012 INTERNATIONAL PLUMBING CODE.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS, FIXTURE LOCATIONS, ETC.
- EXCEPT WHERE PIPE SPACE IS PROVIDED OR UNLESS NOTED OTHERWISE, ALL SUPPLY, WASTE AND VENT RISERS SHALL BE RUN IN WALLS AND PARTITIONS.
- COORDINATE CLOSELY WITH ALL WORK DONE UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE AND CONFLICT.
- ALL PIPING INSULATION SHALL BE RUN CONTINUOUSLY.

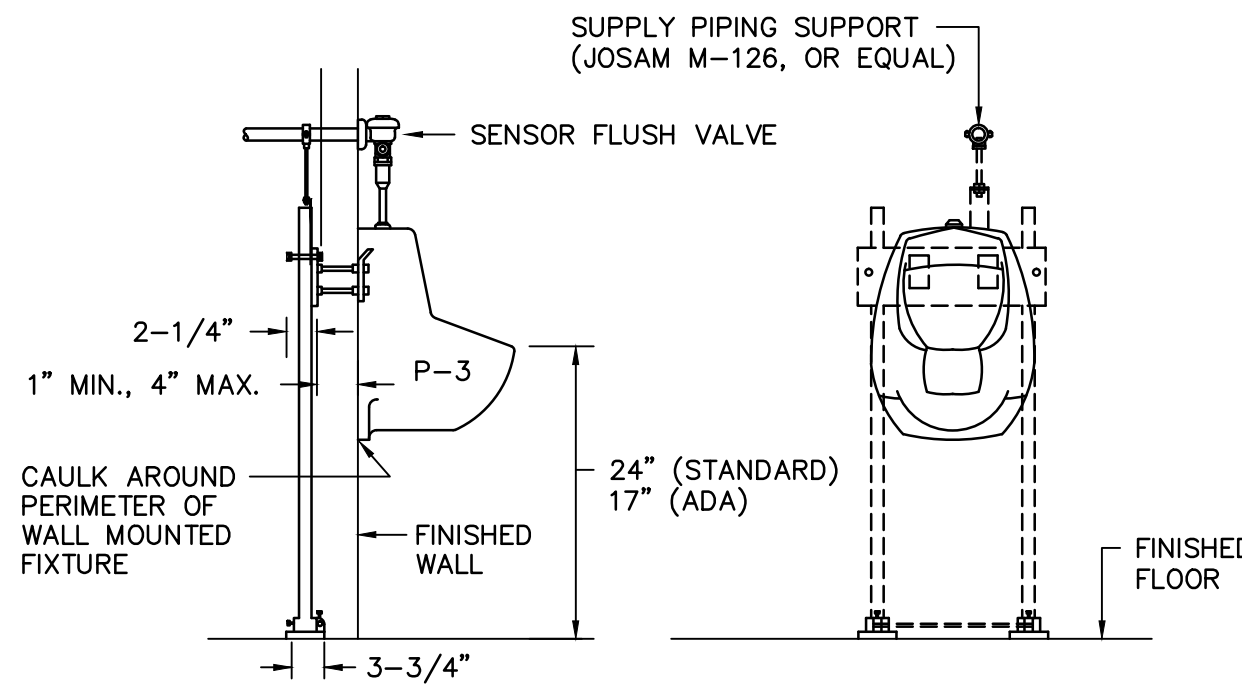
NOTES TO SHEET

- INSTALL NEW WALL HUNG WATER CLOSET, FLUSH VALVE, AND CHAIR CARRIER AS SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE AND WATER CLOSET SUPPLY DETAIL. RECONNECT TO EXISTING WASTE, VENT, AND SUPPLY PIPING. TRANSITION AS REQUIRED FOR NEW FIXTURE HEIGHTS.
- INSTALL NEW WALL HUNG URINAL, FLUSH VALVE, AND CHAIR CARRIER AS SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE AND TYPICAL URINAL SUPPORT DETAIL. RECONNECT TO EXISTING WASTE, VENT, AND SUPPLY PIPING. TRANSITION AS REQUIRED FOR NEW FIXTURE HEIGHTS.
- INSTALL NEW COUNTERTOP LAVATORY, FAUCET, SUPPLIES WITH STOPS, AND P-TRAP AS SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE. RECONNECT TO EXISTING WASTE, VENT, AND SUPPLY PIPING. TRANSITION AS REQUIRED.
- INSTALL NEW FLOOR DRAIN AS SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE. RECONNECT TO EXISTING WASTE LINE. TRANSITION AS REQUIRED.
- INSTALL NEW WOODFORD, OR APPROVED EQUAL, MODEL 24 LOOSE KEY HOSE BIBB. RECONNECT TO EXISTING SUPPLY PIPING.



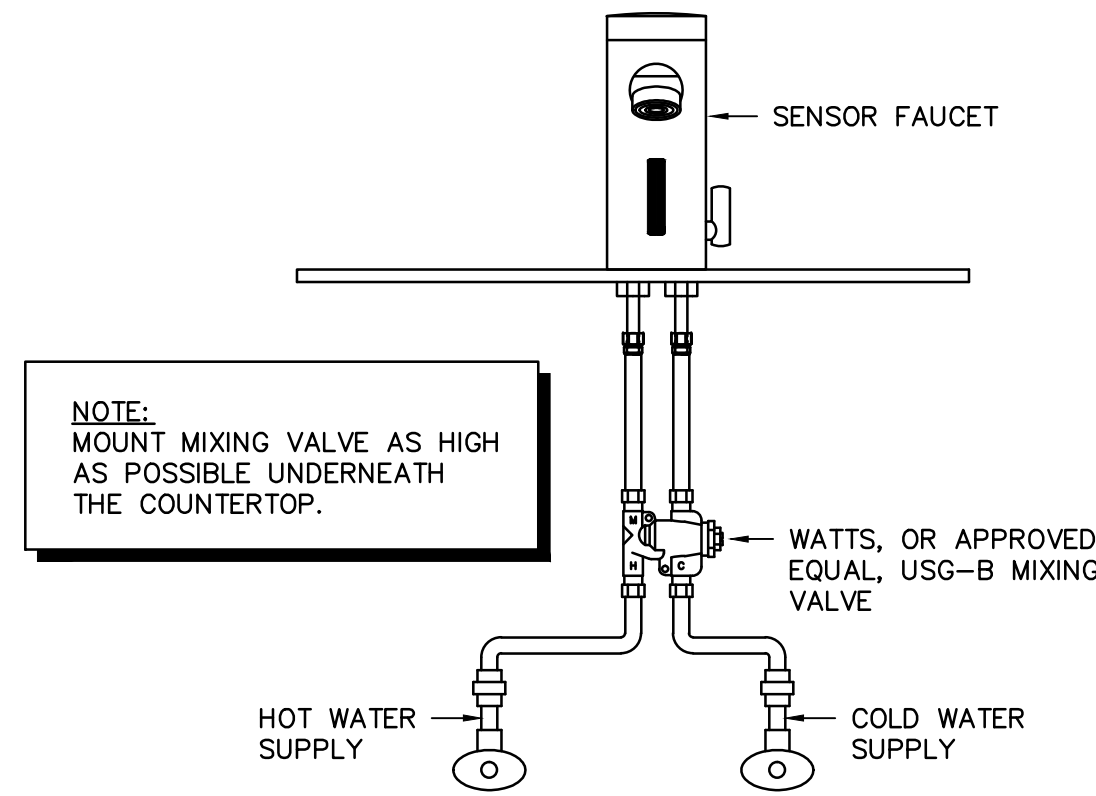
WATER CLOSET SUPPLY DETAIL

NO SCALE



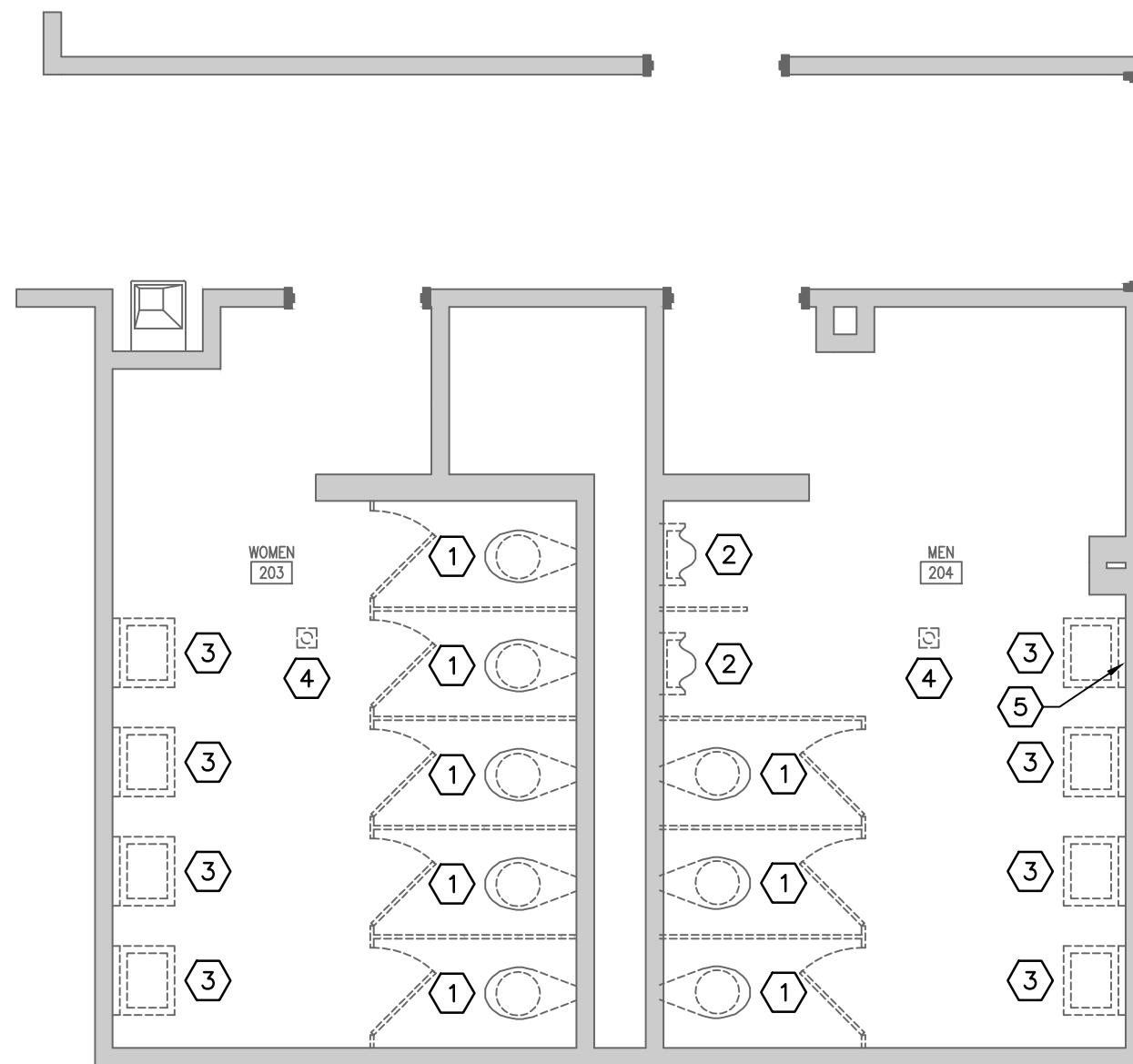
TYPICAL URINAL SUPPORT

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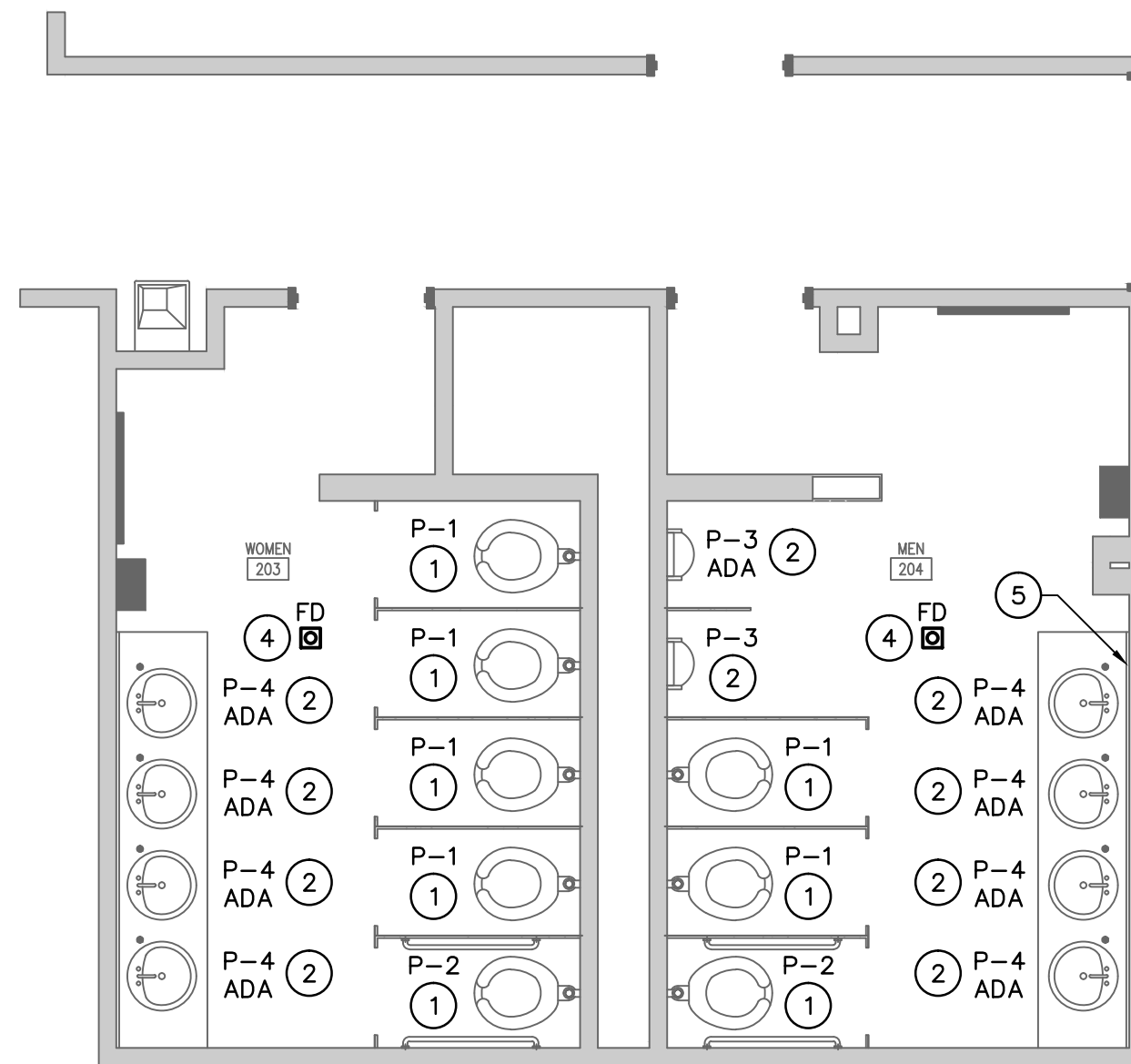
LAVATORY MIXING VALVE DETAIL

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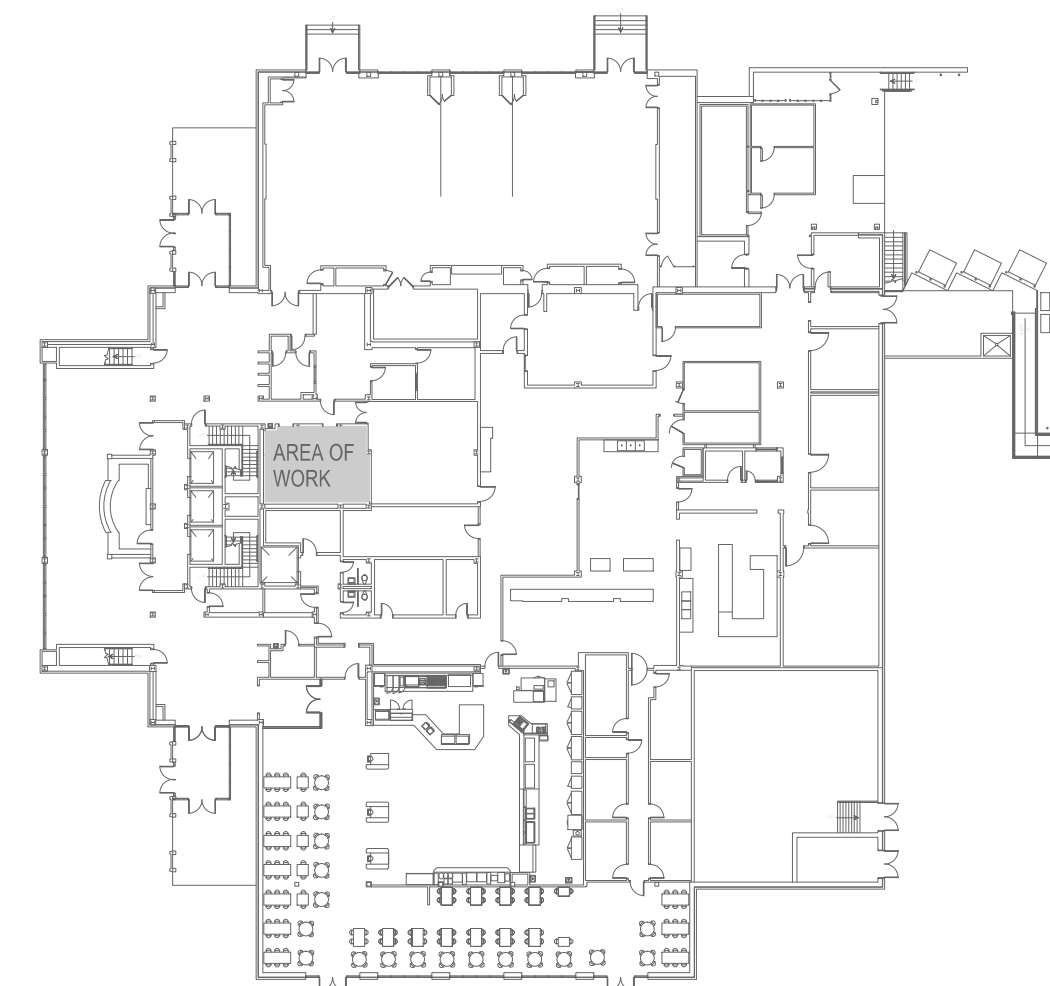
1 PARTIAL DEMOLITION FLOOR PLAN

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



2 PARTIAL RENOVATION FLOOR PLAN

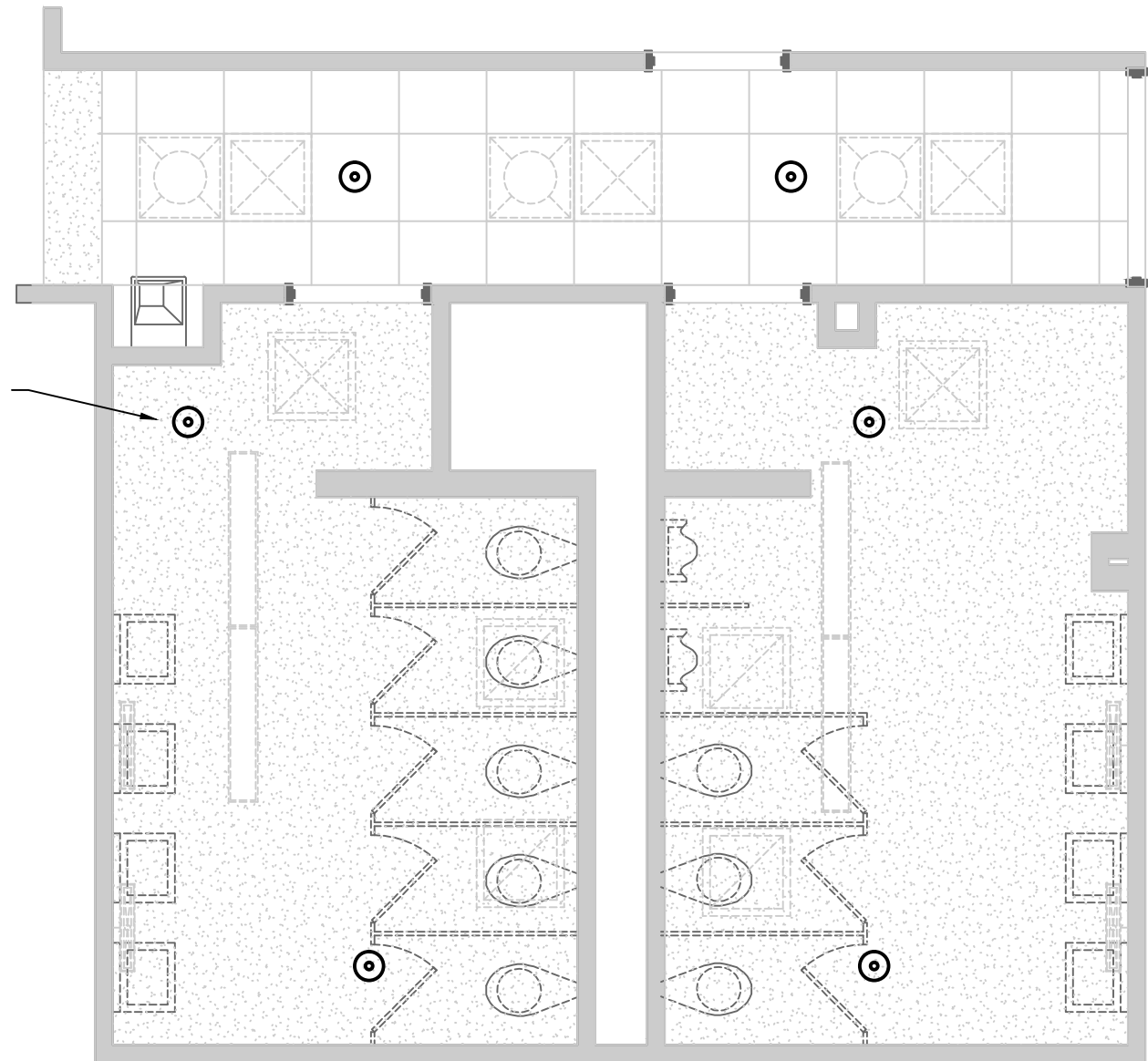
SCALE: 1/4" = 1'-0"



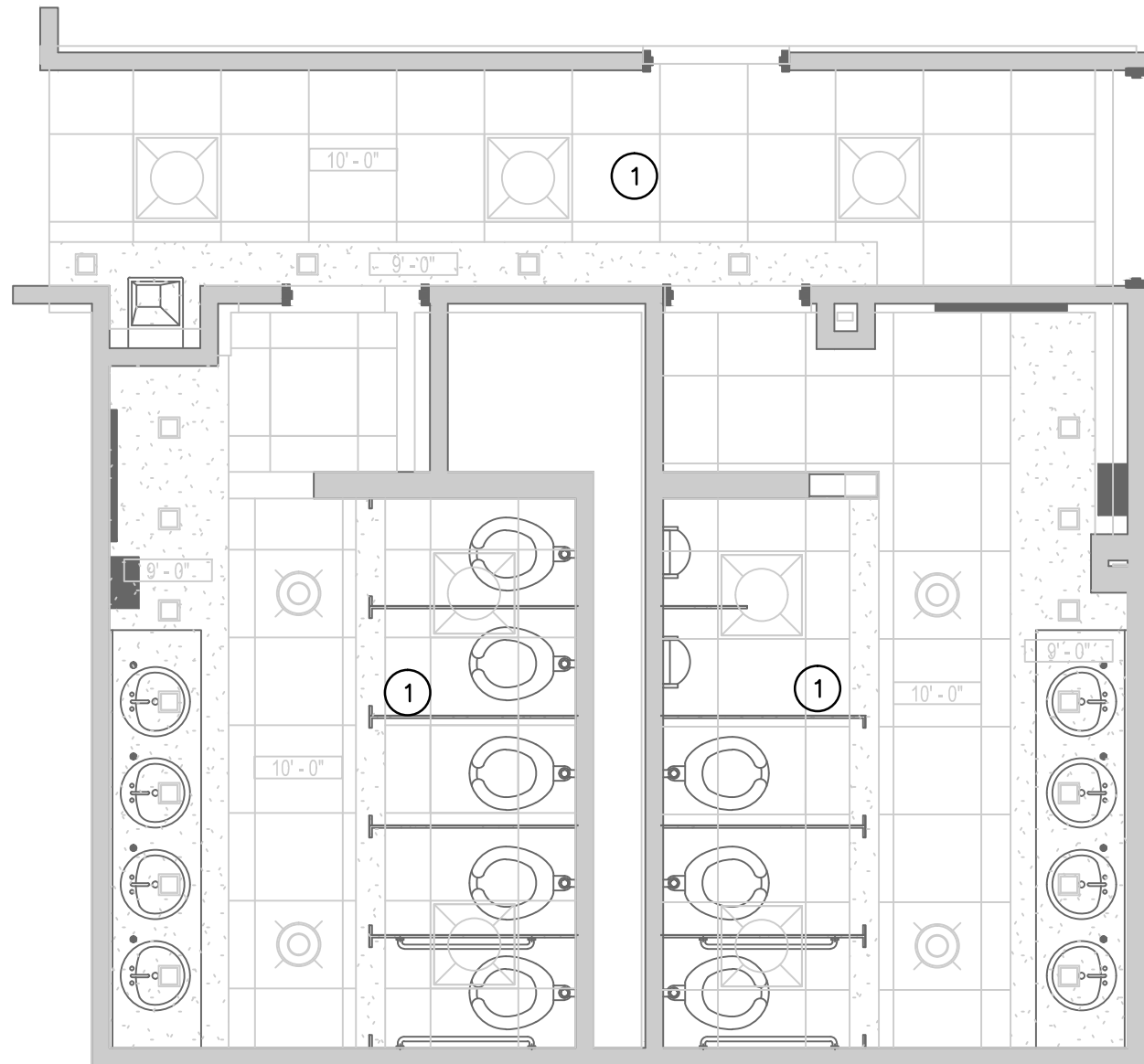
FIRST FLOOR KEY PLAN

NO SCALE

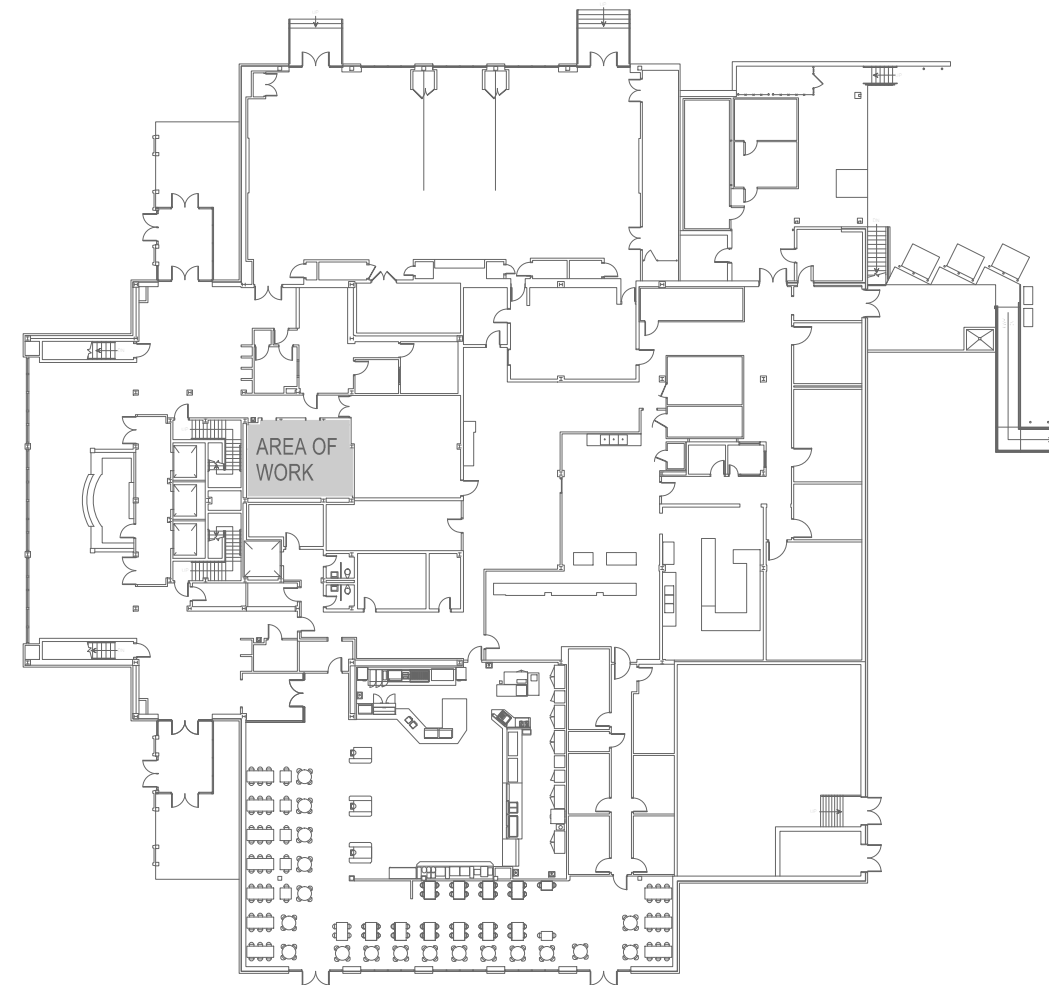
APPROXIMATE LOCATION OF EXISTING
SPRINKLER HEAD TO BE REMOVED
(TYP. FOR 6)



1 PARTIAL DEMOLITION FLOOR PLAN
FP1.1 SCALE: 1/4" = 1'-0"



2 PARTIAL RENOVATION FLOOR PLAN
FP1.1 SCALE: 1/4" = 1'-0"



FIRST FLOOR KEY PLAN
NO SCALE

GENERAL NOTES

- SUBMIT DRAWINGS INDICATING EXACT LOCATION OF ALL SPRINKLER HEADS FOR ARCHITECTS REVIEW AND BRING ALL FIELD CONFLICTS AND REQUIRED ADJUSTMENTS TO THE ARCHITECTS ATTENTION FOR VERIFICATION OF FINAL LOCATION OF ALL SPRINKLER HEADS.
- SPRINKLER DRAWINGS PROVIDED ARE TO ASSIST THE CONTRACTOR. SUCCESSFUL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF A COMPLETE SYSTEM PER THESE PLANS AND SPECIFICATIONS AND IN COMPLIANCE WITH ALL APPLICABLE CODES.
- THE DESIGN TEAM, TO INSURE COMPATIBILITY WITH THE BUILDING DESIGN INTENT, WILL CAREFULLY REVIEW SPRINKLER PLANS. CORRECTIONS WILL BE MADE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- SPRINKLER HEADS SHALL BE LOCATED A MINIMUM OF 6" AWAY FROM CEILING GRID IN ALL ACOUSTICAL CEILING TILES.
- BRANCH LINES OR MAIN LINES FOR SPRINKLER PIPING THAT ARE BEING MOVED, ADDED, OR RELOCATED SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS WITH LATERAL SWAY BRACING, LONGITUDINAL SWAY BRACING, AND FOUR-WAY BRACING AS REQUIRED BY NFPA AND THE INTERNATIONAL BUILDING CODES. ARM OVERS SERVING A SINGLE SPRINKLER SHALL BE EXEMPT.
- FLEXIBLE CONNECTIONS SHALL BE USED AT HEADS. NO OVERSIZED EXCUTOCHONS ALLOWED.
- THIS CONTRACTOR SHALL NOT SUPPLY MORE THAN ONE SPRINKLER HEAD FROM ANY ONE EXISTING OUTLET.
- EXISTING SYSTEM TO BE MODIFIED TO ACCOMMODATE NEW CEILINGS AS REQUIRED TO PROVIDE A FULLY PROTECTED FLOOR. SEE ARCHITECTURAL PLANS FOR CEILINGS.

NOTES TO SHEET

- EXISTING SPRINKLER SYSTEM SHALL BE MODIFIED AS REQUIRED TO ACCOMMODATE NEW CEILING LAYOUT AND HEIGHT. ANY SPRINKLER HEADS SHALL BE NEW AND SHALL BE FLAT PLATE CONCEALED HEADS WITH A WHITE FINISH.

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PROJECT NO.
14265.14

DATE
05.08.14

DRAWING TITLE

**FLOOR PLANS AND
NOTES**

DRAWING NO.

FP1.1

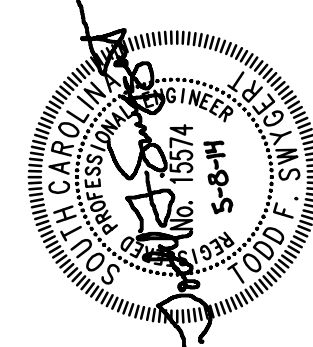
REVISIONS
NO. NAME DATE

PROJECT TITLE

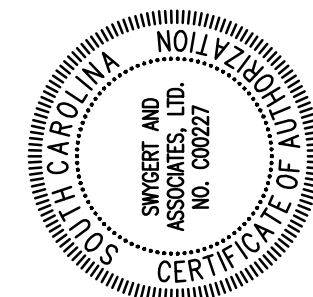
**CAPSTONE LOBBY RESTROOMS
REFURBISHMENT**

898 Barnwell Street
Columbia, SC 29201

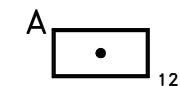







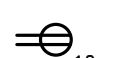



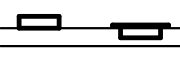
A/E SEAL



A/E SEAL



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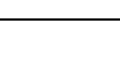
ELECTRICAL SYMBOL LEGEND					
	12	LIGHTING FIXTURES (SEE LIGHTING FIXTURE SCHEDULE) (LETTER DENOTES TYPE, NUMBER DENOTES CIRCUIT)		1500	FIRE ALARM HORN/STROBE INDICATING DEVICE, SEMI- FLUSH MOUNTED IN CEILING (NUMBER INDICATES MINIMUM CANDELA RATING)
		LIGHTING FIXTURES WITH BATTERY BACKED CIRCUIT POWER			PHOTOELECTRIC SPOT-TYPE SMOKE DETECTOR, SEMI- FLUSH MOUNT DETECTOR IN CEILING.
	48	SINGLE POLE SWITCH, FLUSH MOUNTED IN WALL AT 48" AFF T.O.B. (LETTER DENOTES SWITCH/LEG)			SPEAKER JUNCTION BOX, SEMI-FLUSH MOUNTED IN CEILING UNLESS NOTED OTHERWISE.
	48	THREE WAY SWITCH FLUSH MOUNTED IN WALL AT 48" AFF T.O.B.			LIGHT LINE REPRESENTS EXISTING DEVICE, FIXTURE, OR EQUIPMENT TO REMAIN IN PLACE.
	12	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 48" AFF (NUMBER DENOTES CIRCUIT)			DASHED LINE REPRESENTS EXISTING DEVICE, FIXTURE, OR EQUIPMENT TO BE REMOVED. SEE DEMOLITION/RENOVATION NOTATION SCHEDULE FOR DETAILED INFORMATION.
	GFI	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 42" AFF OR 6" ABOVE COUNTER BACKSPLASH (GFI = GROUND FAULT INTERRUPTER) (WP = WEATHERPROOF METALLIC "IN-USE" TYPE COVER)			
	18	JUNCTION BOX, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE (FUNCTION AS INDICATED ON PLAN)			
		ELECTRICAL PANELBOARDS, SURFACE AND FLUSH MOUNTED RESPECTIVELY			

MOUNTING HEIGHTS INDICATED IN THIS LEGEND SHALL BE TO CENTERLINE OF DEVICE BOX. ALL SWITCHES AND PULL STATIONS SHALL BE INSTALLED TO BE 48" AFF TO TOP OF BOX UNLESS NOTED OTHERWISE.

GENERAL NOTES

- EXISTING BRANCH CIRCUITS LISTED WERE TAKEN FROM AS-BUILT DOCUMENTS AND HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR SHALL FIELD VERIFY SOURCE OF BRANCH CIRCUITS PRIOR TO WORK.
- ALL CIRCUITS SHALL BE 2#12, 1#12 GND. IN 3/4"C. UNLESS NOTED OTHERWISE.
- COMMUNICATIONS, SECURITY CAMERAS, AND ACCESS CONTROL SYSTEM RACEWAYS SHALL BE ROUTED FROM DEVICE LOCATIONS TO CONSOLIDATION JUNCTION BOX. SEE PLANS FOR DETAILS.
- ALL WORK SHALL COMPLY WITH NFPA70:2011 (NATIONAL ELECTRIC CODE).
- ELECTRICAL LAYOUT DRAWINGS ARE DIAGRAMMATIC. COORDINATE ALL WORK WITH ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL CONTRACT DOCUMENTS.
- INSTALL THE ELECTRICAL SYSTEM WITHOUT INTERFERING WITH DUCTS, PIPES, STRUCTURAL STEEL, OR OTHER SYSTEMS.
- LOCATE LIGHTING FIXTURES SYMMETRICALLY IN THE PROPER RELATION TO FINISHED AREAS, EXCEPT WHERE DIMENSIONED ON DRAWINGS OR LOCATED ON REFLECTED CEILING PLANS.
- PROVIDE TWO #12 STEEL, SLACK CABLES TO STRUCTURE FROM EACH FIXTURE MOUNTED IN A GRID CEILING.
- MOUNT GROUPED DEVICES IN A SINGLE CONTINUOUS MULTI-GANG BOX.
- EMT FITTINGS SHALL BE OF THE COMPRESSION TYPE. SET SCREW OR INDENTOR TYPE FITTINGS SHALL NOT BE USED.
- OUTLETS WHICH OCCUR ON OPPOSITE SIDES OF A COMMON WALL SHALL BE OFFSET A MINIMUM OF 12 INCHES.
- WALL PENETRATIONS FOR RACEWAYS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. PROVIDE FIRESTOPPING AROUND RACEWAYS PENETRATING RATED WALLS PER ARCHITECTURAL DRAWINGS. PROVIDE DRAFTSTOP SEAL AT NON-RATED WALLS.
- EXISTING PLASTER CEILING SHALL REMAIN IN PLACE. EXTEND EXISTING LIGHTING BRANCH CIRCUITS AND FIRE ALARM SYSTEM CABLEING FROM JUNCTION BOXES IN CEILING USING RACEWAY AND JUNCTION BOXES SURFACE MOUNTED TO EXISTING PLASTER CEILING.

LIGHTING FIXTURE SCHEDULE

Symbol	Type Mark	Description	Manufacturer	Model	Optical Element	Mounting	Voltage	Lamps
	A	2'x2' LED ARCHITECTURAL GRID TROFFER	CREE	CR22-32L-35K	DIFFUSED LENS	GRID	120 V	LED (32W, 835, 3200 LUMENS)
	AE	SAME AS TYPE "A" EXCEPT WITH INTEGRAL BATTERY PACK	CREE	CR22-32L-35K-EB14	DIFFUSED LENS	GRID	120 V	LED (32W, 835, 3200 LUMENS)
	B	FLUORESCENT DOWNLIGHT	INDY	L4-08-30-U-G2 L400H-C-L-WH	NONE	CEILING	120 V	LED (9W, 830, 670 LUMENS)
	BE	LED DOWNLIGHT, WITH BATT. PACK	INDY	L4-08-30-U-G2-BR L400H-C-L-WH	NONE	CEILING	120 V	LED (9W, 830, 670 LUMENS)
	C	8' LED RECESSED LINEAR SLOT TYPE FIXTURE	PINNACLE	E2A-30-8'-SF-UNV-1C-W-L G (FURNISHED BY OWNER)	.125 ACRYLIC LENS	RECESSED IN CEILING	120 V	LED (6.23W/FT, 830, 368 LUMENS/FT)

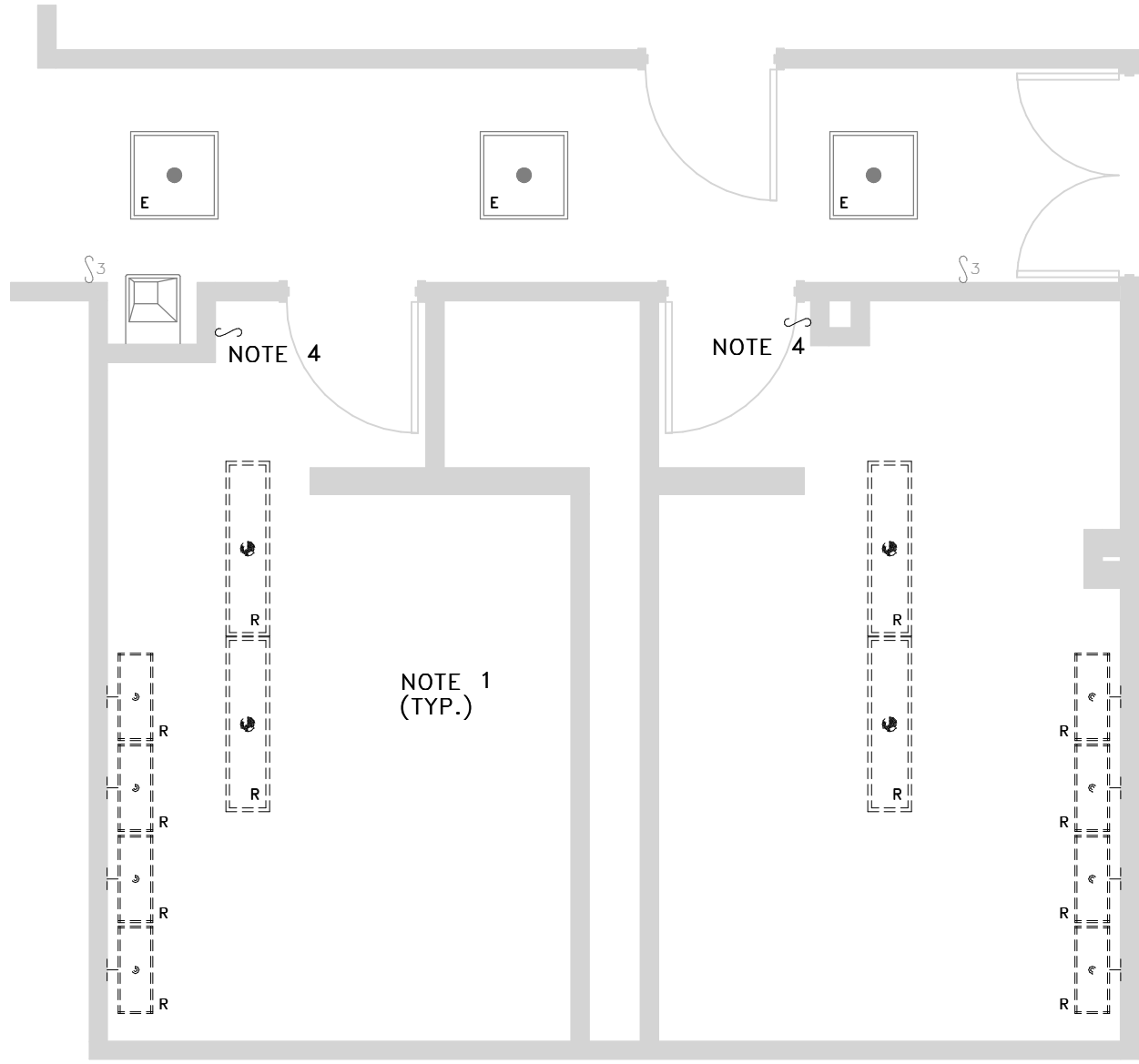
GENERAL LIGHTING NOTES

- LIGHTING FIXTURE MANUFACTURERS LISTED ARE BASIS OF DESIGN. PRIOR APPROVED EQUAL IS DEFINED TO BE A MANUFACTURER CAPABLE OF PROVIDING A FIXTURE EQUAL TO THE BASIS OF DESIGN. BASIS OF DESIGN FIXTURES WERE SELECTED BASED ON A FAST LEAD TIMES TO MEET STRICT PROJECT SCHEDULE. ANY ALTERNATE FIXTURES MUST BE ABLE TO MAINTAIN PROJECT SCHEDULE. PRIOR APPROVED EQUAL MANUFACTURERS ARE AS LISTED BELOW:
 - TYPE A, AE: LITHONIA, COLUMBIA, DAY-BRITE, METALUX, JUNO, FINELITE, FOCALPOINT, AXIS.
 - TYPE B: KURT VERSEN, AMERLUX, GOTHAM, PATHWAY, LIGHTOLIER, PORTFOLIO
 - TYPE D: MARK ARCHITECTURAL LIGHTING, LEDALITE, ZUMTOBEL
- LOCATE LIGHTING FIXTURES SYMMETRICALLY IN THE PROPER RELATION TO FINISHED AREAS, EXCEPT WHERE DIMENSIONED ON DRAWINGS OR LOCATED ON REFLECTED CEILING PLANS. COORDINATE LIGHTING FIXTURE LOCATIONS WITH EQUIPMENT IN EQUIPMENT ROOMS. NOTIFY A/E OF CONFLICTS PRIOR TO ANY ROUGH-IN INSTALLATION.
- LIGHTING FIXTURE CATALOG NUMBERS ARE INDICATIVE OF THE STYLE OF THE FIXTURE REQUIRED. CONTRACTOR SHALL PROVIDE FIXTURES WITH THE PROPER TRIM, VOLTAGE, AND OPTIONS NECESSARY FOR INSTALLATION.
- PROVIDE TWO #12 STEEL, SLACK CABLES TO STRUCTURE (STUDS MOUNTED AT PLASTER CEILING) FROM EACH FIXTURE MOUNTED IN A GRID CEILING.

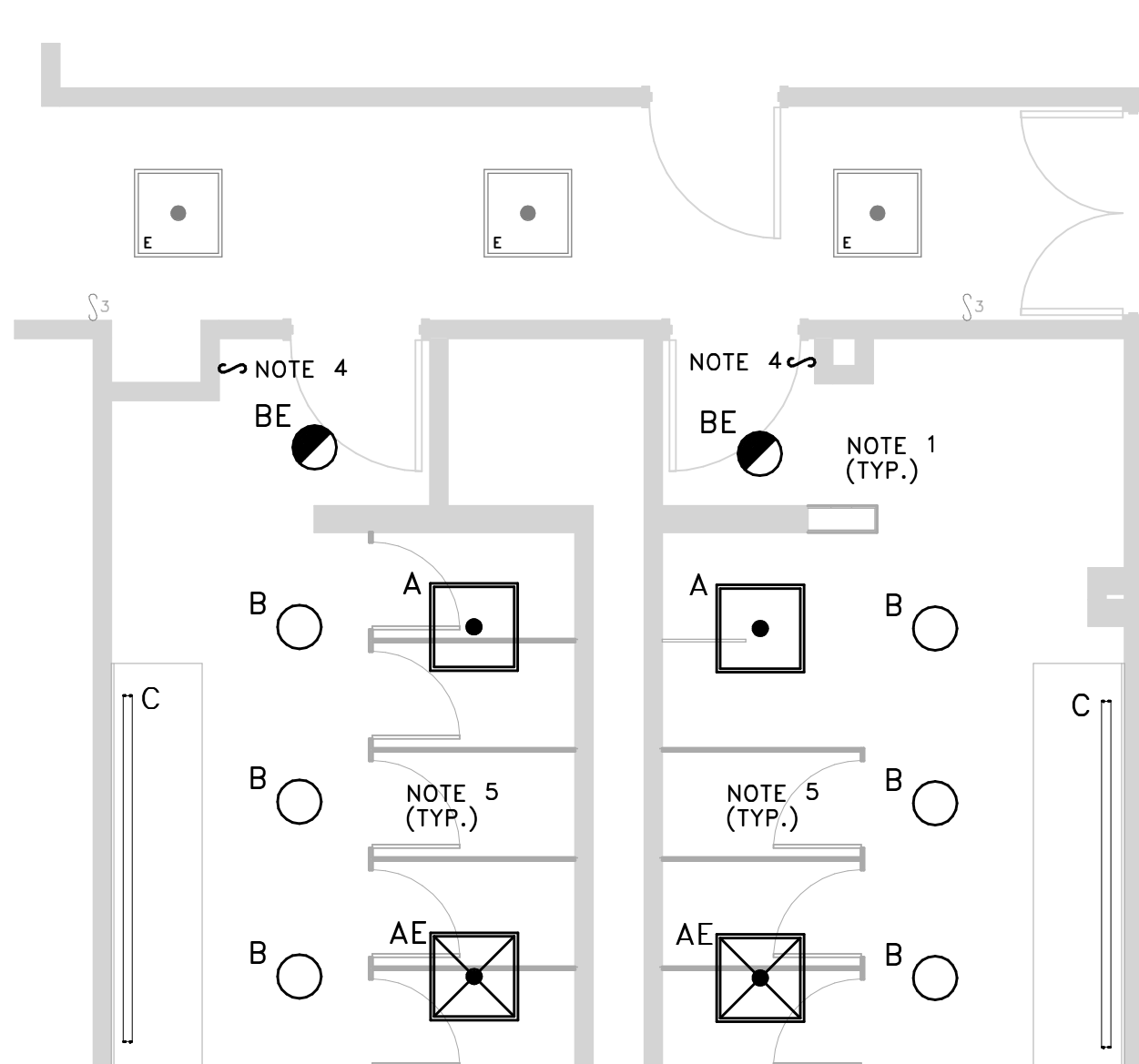
ELECTRICAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIU	ADDRESSABLE INTERFACE UNIT
AL	ALUMINUM
BEC	BY ELECTRICAL CONTRACTOR
BGC	BY GENERAL CONTRACTOR
BOF	BOTTOM OF FIXTURE
C	CONDUIT
CU	COPPER
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
MB	MAIN BREAKER
MD	MOTOR DAMPER
MH	MOUNTING HEIGHT
MLO	MAIN LUGS ONLY
NCE	NOT CONCRETE ENCASED
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSIBLE
NIC	NOT IN CONTRACT
PV	POST INDICATING VALVE
SD	SMOKE DAMPER
SW	SWITCH
TOB	TOP OF BOX
TOF	TOP OF FIXTURE
UC	UNDERCOUNTER
WP	WEATHERPROOF

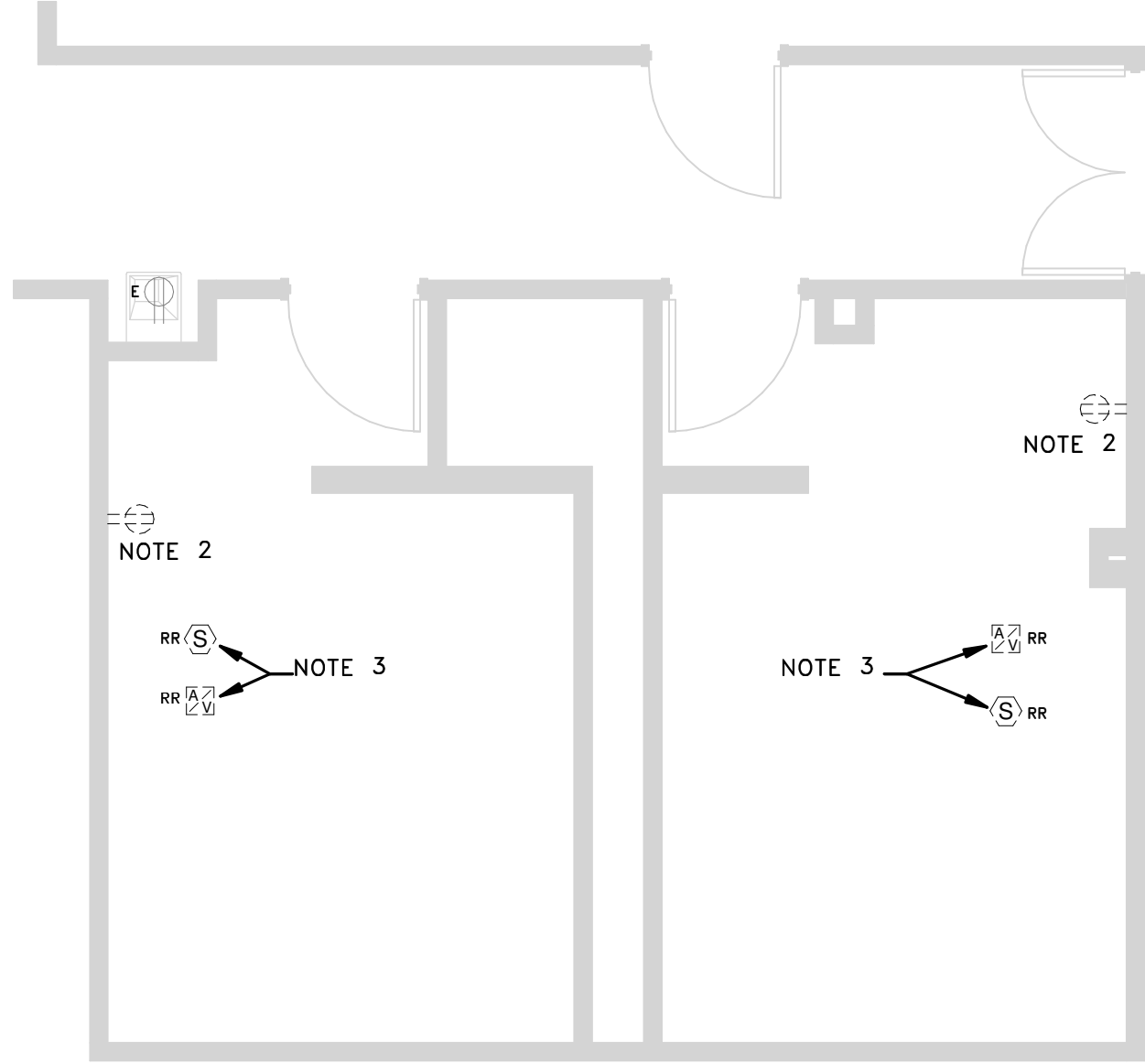
1 FIRST FLOOR LIGHTING DEMOLITION PLAN
E0.1 SCALE: 1/4" = 1'-0"



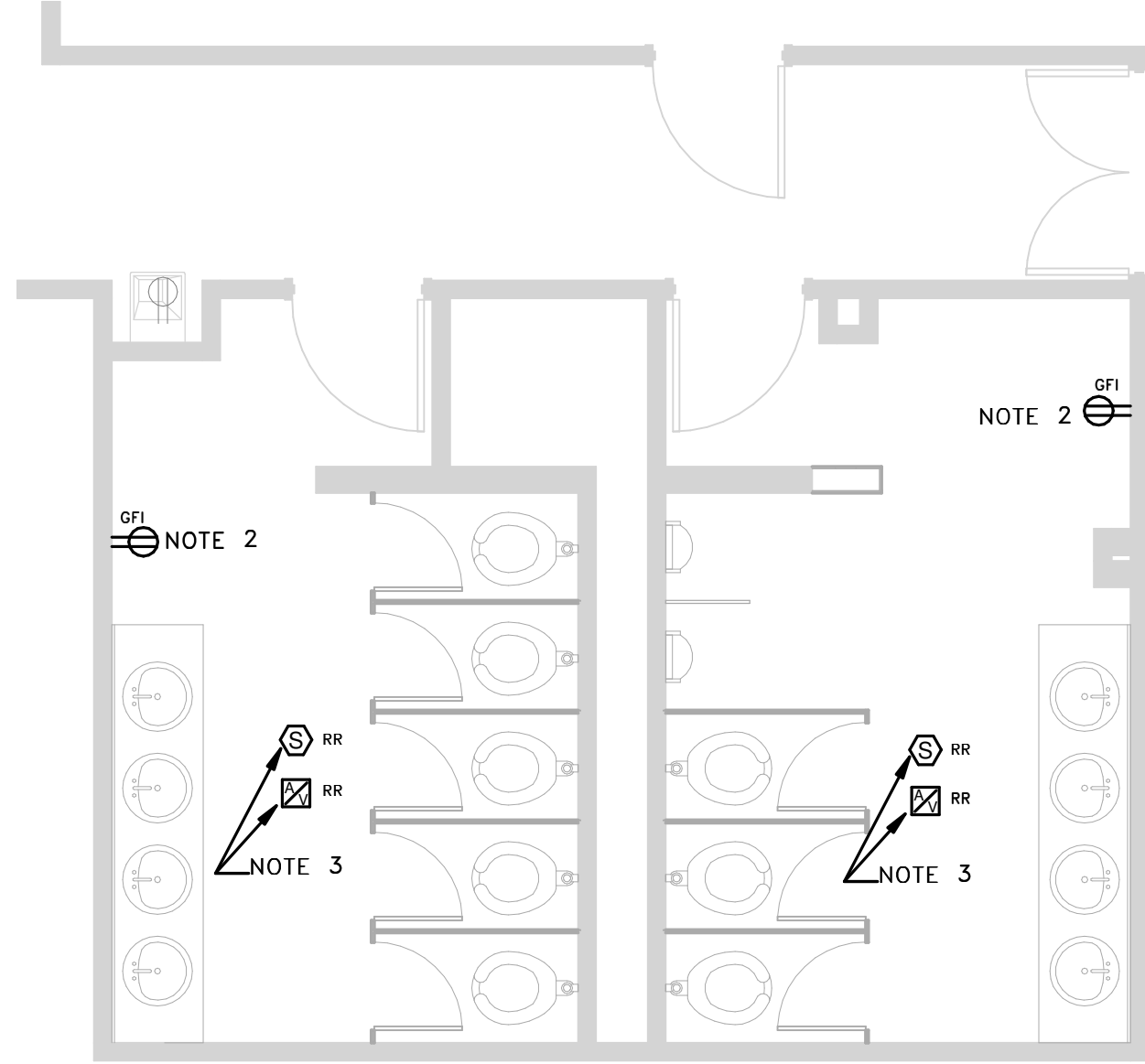
2 FIRST FLOOR LIGHTING RENOVATION PLAN
E0.1 SCALE: 1/4" = 1'-0"



3 FIRST FLOOR POWER DEMOLITION PLAN
E0.1 SCALE: 1/4" = 1'-0"



4 FIRST FLOOR POWER RENOVATION PLAN
E0.1 SCALE: 1/4" = 1'-0"



DEMOLITION NOTES

- DISCONNECT AND REMOVE ALL LIGHTING FIXTURES IN RESTROOMS. EXISTING BRANCH CIRCUIT SHALL BE RE-USED IN RENOVATION PHASE. CONTRACTOR SHALL FIELD VERIFY SOURCE OF EXISTING BRANCH CIRCUIT PRIOR TO WORK.
- EXISTING RECEPTACLE SHALL BE REPLACED IN RENOVATION PHASE. DISCONNECT AND REMOVE DEVICE AND WALL PLATE AND PROTECT WIRING DURING DEMOLITION PHASE.
- EXISTING FIRE ALARM SYSTEM DEVICES SHALL BE RELOCATED IN RENOVATION PHASE. DISCONNECT DEVICES, REMOVE AND STORE IN A CLEAN AND DRY LOCATION. DEMOLISH ALL EXISTING EXPOSED RACEWAYS. PROTECT EXISTING WIRING DURING DEMOLITION PHASE.
- EXISTING SWITCH SHALL BE REPLACED IN RENOVATION PHASE. DISCONNECT AND REMOVE DEVICE AND WALL PLATE AND PROTECT WIRING DURING DEMOLITION PHASE.

RENOVATION NOTES

- ALL LIGHTING FIXTURES SHALL BE SERVED FROM EXISTING LIGHTING BRANCH CIRCUIT. MODIFY AND EXTEND EXISTING BRANCH CIRCUIT TO FIXTURE LOCATIONS.
- PROVIDE A GFI TYPE RECEPTACLE IN PLACE OF EXISTING RECEPTACLE. PROVIDE A NEW STAINLESS STEEL WALLPLATE.
- RE-INSTALL EXISTING FIRE ALARM DEVICES ON NEW CEILING. MODIFY AND EXTEND EXISTING FIRE ALARM SYSTEM TO NEW DEVICE LOCATIONS. MAKE ALL REQUIRED CONNECTIONS AND TEST SYSTEM.
- PROVIDE A SINGLE-POLE SWITCH IN PLACE OF EXISTING DEVICE. PROVIDE A NEW STAINLESS STEEL WALLPLATE.
- SUPPORT ALL LIGHTING FIXTURES FROM STUDS MOUNTED AT EXISTING CEILING. COORDINATE WITH ARCHITECTURAL DRAWINGS.

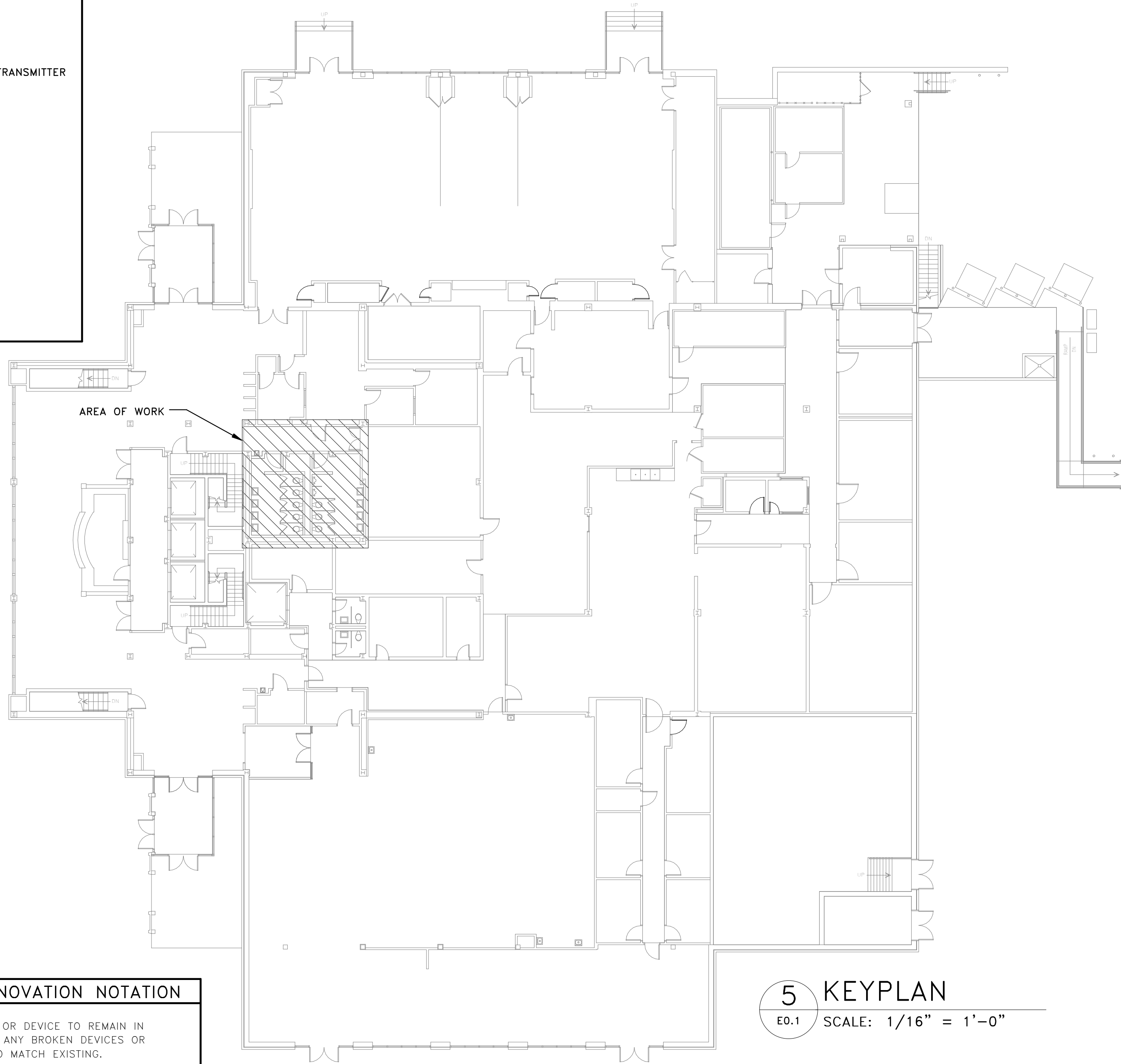
DEMOLITION/RENOVATION NOTATION

- | | |
|----|--|
| E | EXISTING FIXTURE OR DEVICE TO REMAIN IN PLACE. REPLACE ANY BROKEN DEVICES OR PLATES; COLOR TO MATCH EXISTING. |
| R | EXISTING FIXTURE OR DEVICE TO BE REMOVED BY THE ELECTRICAL CONTRACTOR. MAINTAIN CONTINUITY OF REMAINING PORTIONS OF BRANCH CIRCUIT. |
| RE | EXISTING DEVICE TO BE REMOVED BY THE ELECTRICAL CONTRACTOR. EXISTING CIRCUIT SHALL BE RETAINED. PROVIDE NEW DEVICE AS SHOWN ON RENOVATION PLANS. |
| RR | EXISTING FIXTURE TO BE RELOCATED BY THE ELECTRICAL CONTRACTOR TO NEW LOCATION SHOWN ON RENOVATION PLAN. |
| RN | RELOCATED FIXTURE (NEW LOCATION) |

ELECTRICAL DRAWING INDEX

E0.1 ELECTRICAL PLANS

5 KEYPLAN
E0.1 SCALE: 1/16" = 1'-0"



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