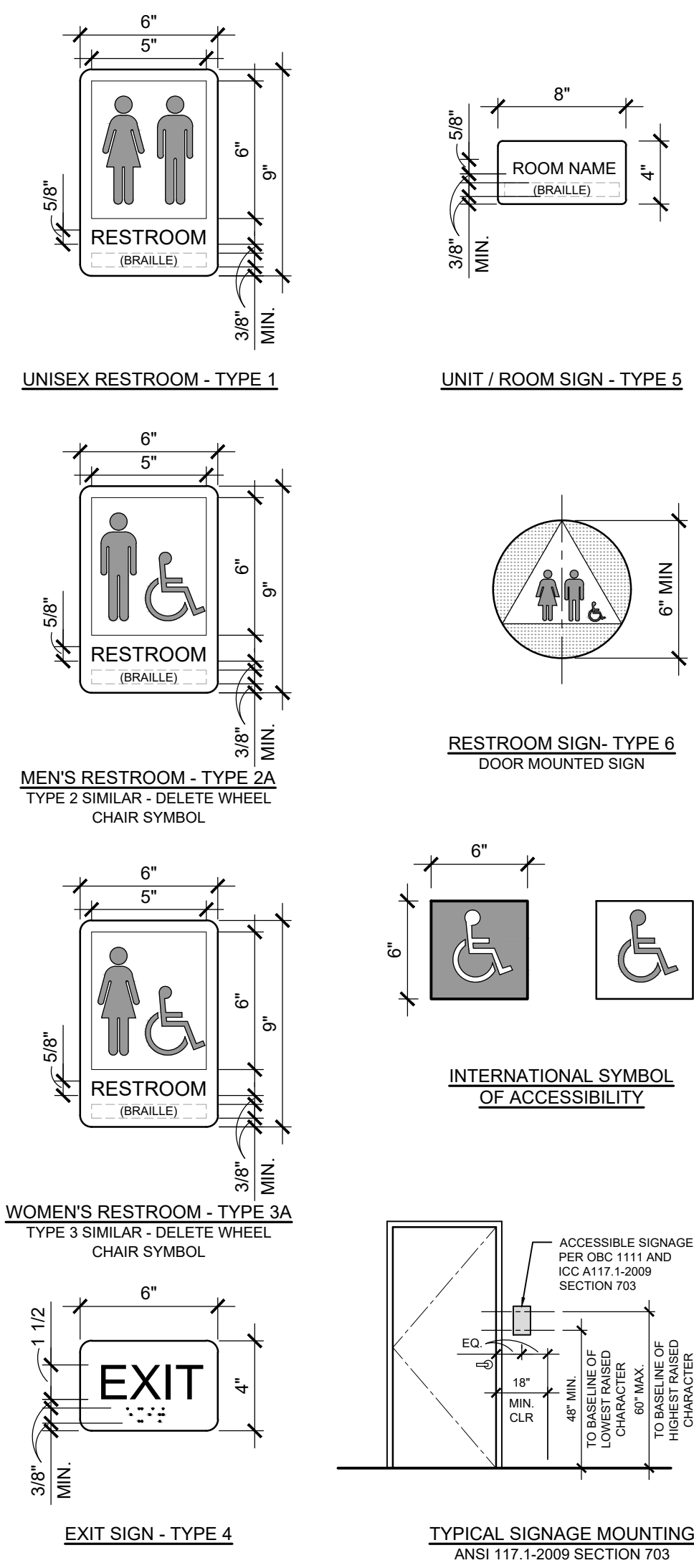


CODE PLAN SYMBOL LEGEND

	FIRE EXTINGUISHER / CABINET
	EXIT SIGN
	TRAVEL DISTANCE / ROUTE
	INDICATES AREA OF NO WORK
	LIGHTING CONNECTED TO EMERGENCY GENERATOR

Jonathan Robert SchAAF #14503
Expiration Date 12/31/2025

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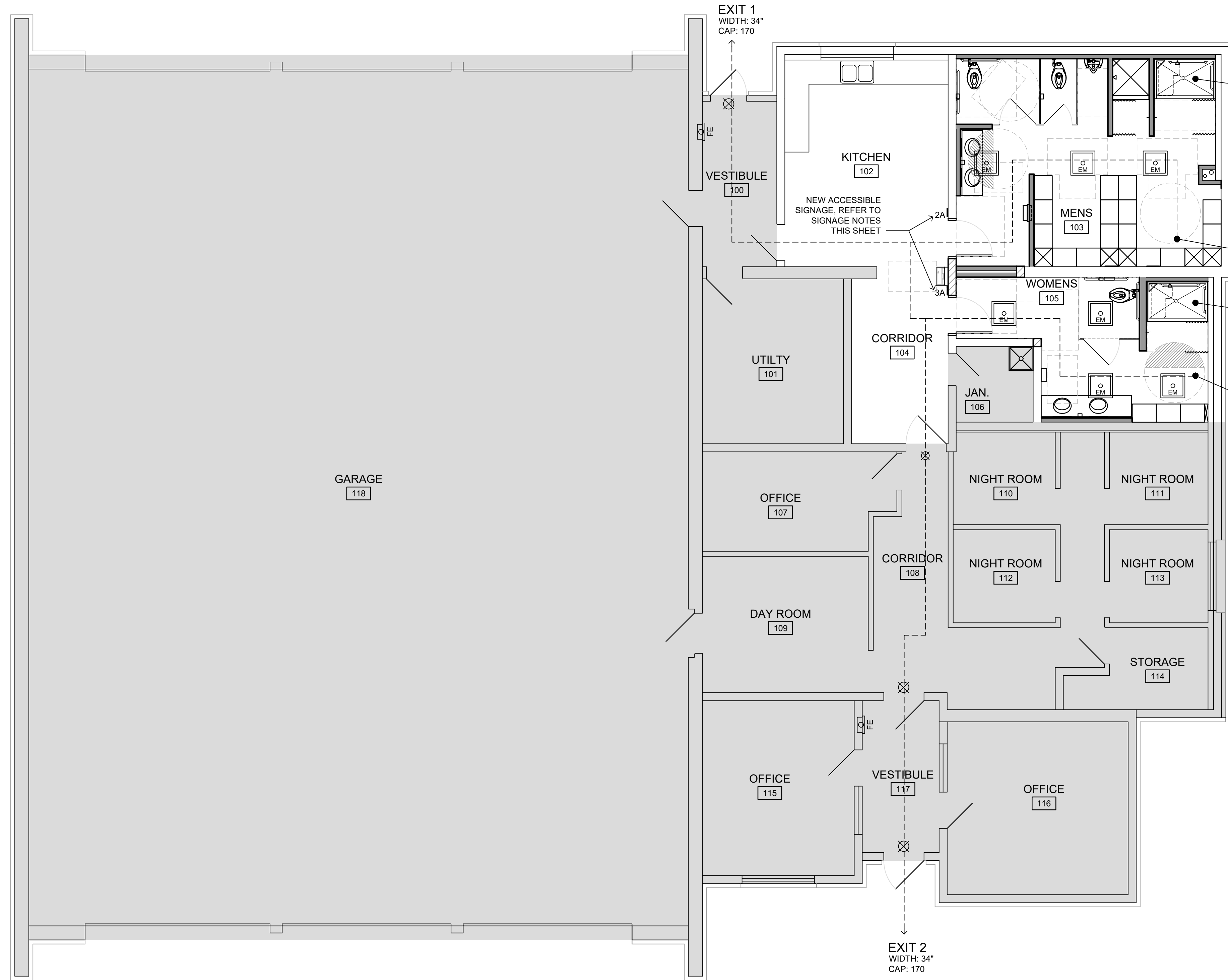
ACCESSIBLE SIGNAGE NOTES

CHARACTER PROPORTION:
LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3.5 AND 1:1 AND A STROKE-WIDTH-TO-HEIGHT RATIO BETWEEN 1.5 & 1:10.

RAISED & BRAILLE CHARACTERS & PICTORIAL SYMBOL SIGNS (PICTOGRAMS):
LETTERS AND NUMERALS SHALL BE RAISED 1/32", UPPER CASE, SANS SERIF STYLE AND SHALL BE ACCOMPANIED WITH (GRADE 2) BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" (16 MM) HIGH, BUT NO HIGHER THAN 2" (51 MM). PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6" (152 MM) MINIMUM OF HEIGHT.

FINISH AND CONTRAST:
THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

MOUNTING LOCATION AND HEIGHT:
WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" (76 MM) OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR. MOUNTING HEIGHT SHALL BE 60" (1525 MM) ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN.



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Toilet Room Renovations At:
Moraine Fire Station #30
3333 Pinnacle Park Drive
Moraine, OH 45439

Project Number	
2024-070	
Date	
October 01, 2024	
Date	Issue
05.21.24	SD Review
09.26.24	Final Review
10.01.24	Bid/Construction

Sheet Title
Code Review Plan

Sheet Number

G1.2

A CODE REVIEW PLAN
SCALE: 3/16" = 1'-0"
0 3 6 12

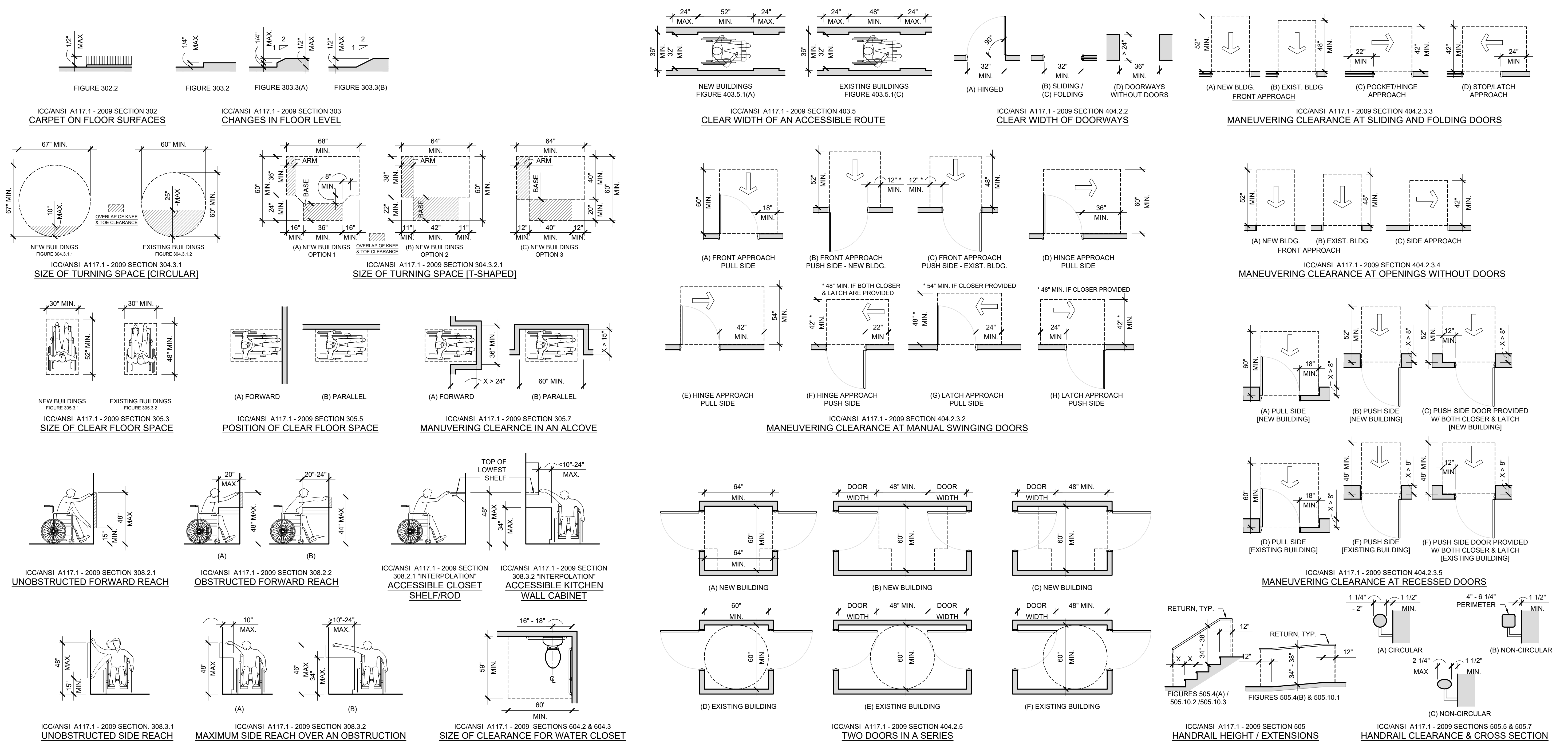


Project Number	2024-070
Date	October 01, 2024
Date	Issue
05.21.24	SD Review
09.26.24	Final Review
10.01.24	Bid/Construction

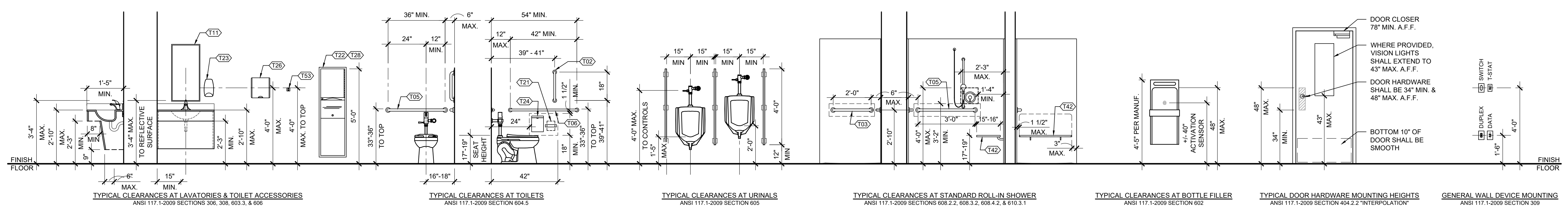
Sheet Title	Accessibility Guidelines
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Sheet Number

G1.3



B ACCESSIBILITY STANDARDS
 N.T.S.



A ACCESSIBILITY MOUNTING & CLEARANCE STANDARDS
 N.T.S.

REFER TO TOILET ACCESSORY SCHEDULE ON SHEET G1.4

FINISH SPECIFICATIONS

FLOORING	VINYL FLOORING VF-1: MANUF: SHAW CONTRACT COLLECTION: EON+AMALGAM 4113V COLOR: ONYX - 13555 SIZE: 20x20 (PROVIDED BY OWNER, INSTALLED BY GC)	CEILING	ACOUSTICAL CEILING TILE ATC-1: MANUF: ARMSTRONG MODEL: #673 KITCHEN ZONE SIZE: 24x24 COLOR: WHITE GRID: PRELUDE 15/16
TILE FLOORING	TF-1: MANUF: DAL TILE COLLECTION: KEYSTONE COLOR: DESERT GRAY SIZE: 2X2	PAINT	P-1: GENERAL PAINT MANUF: SHERWIN WILLIAMS COLOR: MATCH HANDSOME HUE FINISH: EGGSHELL
RUBBER BASE	RB-1: MANUF: T&B COLOR: BLACK (PROVIDED BY OWNER, INSTALLED BY GC)	DOOR PAINT	P-2: MANUF: SHERWIN WILLIAMS COLOR: DISTANCE SW6243 FINISH: SEMI-GLOSS
TILE BASE	TB-1: MANUF: DAL TILE COLLECTION: KEYSTONE COLOR: DESERT GRAY BUILD UP BASE SIZE: 5X12	CEILING/SOFFIT PAINT	P-3: MANUF: SHERWIN WILLIAMS COLOR: EXTRA WHITE SW7006 FINISH: FLAT
WALL TILE	WT-1: MANUF: DAL TILE COLLECTION: COLORMATCH COLOR: CARNATION CU48 SIZE: 12X24 RUNNING BOND: 1/3" BOND ORIENTATION: HORIZONTAL GROUT: MAPEI PEWTER OR SIMILAR	SOLID SURFACE	SS-1: MANUF: CORIAN COLOR: NATURAL GRAY INTEGRAL SINK COLOR: GALCIER WHITE
WALL TILE	WT-2: MANUF: DAL TILE COLLECTION: COLORMATCH COLOR: CARNATION CU48 SIZE: 4X12 RUNNING BOND: STACK ORIENTATION: VERTICAL GROUT: MAPEI PEWTER OR SIMILAR	SHOWER BASE	SHB-1: REFER TO PLUMBING SPECIFICATIONS
WALL TILE	WT-3: MANUF: DAL TILE COLLECTION: COLOR WHEEL COLOR: MATTE DESERT GRAY X714 SIZE: 3X6 ORIENTATION: HORIZONTAL GROUT: MAPEI PEWTER OR SIMILAR	TRANSITION STRIP	T-1: MANUF: SCHLUTER SYSTEM SERIES: RONDEC [3/8"] COLOR: BRUSHED CHROME
		TRANSITION STRIP	T-2: MANUF: SCHLUTER SYSTEM SERIES: RENO-U [5/16" - 3/8"] COLOR: BRUSHED CHROME

** COORDINATE ALL SELECTIONS WITH OWNER **

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MFR.	MODEL
T01	12" GRAB BAR	-	-
T02	18" GRAB BAR	BOBRICK	#6806 SERIES
T03	24" GRAB BAR	BOBRICK	#6806 SERIES
T04	30" GRAB BAR	BOBRICK	#6806 SERIES
T05	36" GRAB BAR	BOBRICK	#6806 SERIES
T06	42" GRAB BAR	BOBRICK	#6806 SERIES
T07	48" GRAB BAR	-	-
T08	CORNER GRAB BAR	-	-
T11	18"x36" MIRROR	BOBRICK	#B-165
T12	24"x36" MIRROR	-	-
T13	16"x26" MED. CAB. W/ MIRROR	-	-
T21	TOILET PAPER DISPENSER	BOBRICK	#B-2888
T22	SURFACE MOUNTED TOWEL/TRASH	BOBRICK	#B-3949
T23	SOAP DISPENSER	BOBRICK	#B-4112
T24	SANITARY NAPKIN CONTAINER	BOBRICK	#B-270
T25	TOILET SEAT COVER DISPENSER	-	-
T26	ELECTRIC HAND DRYER	-	-
T27	TOILET PARTITION	ASI GLOBAL PARTITIONS	BLACK CORE PHENOLIC SILVER GREY #3000
T28	SEMI RECESSED TOWEL/TRASH	BOBRICK	#B-3942
T31	SUPPLY / DRAIN PIPING WRAP	TRU BRO	-
T41	SHOWER CURTAIN ROD	BOBRICK	#B-207x36, 204-1, 204-3
T42	FOLDING SHOWER SEAT	BOBRICK	#B-5181
T43	REMOVABLE SHOWER SEAT	-	-
T44	SHOWER CURTAIN ROD	BOBRICK	#B-207x60, 204-1, 204-3
T45	TRIANGULAR SHOWER SHELF	SCHLUTER	SHELF-E, SQUARE
T51	18" TOWEL BAR	-	-
T52	24" TOWEL BAR	-	-
T53	ROBE HOOK	BOBRICK	#B-542

DOOR SCHEDULE

#	SIZE	NEW	EXISTING	REPLACED	FRAME TYPE	DOOR TYPE	HWDR SET #	FIRE RAT'G	REMARKS	DOOR ACCESS CONTROL
103	3'-0" X 6'-8"	●			F-1	D-1	H-1	-	-	
105	3'-0" X 6'-8"	●			F-1	D-1	H-1	-	-	

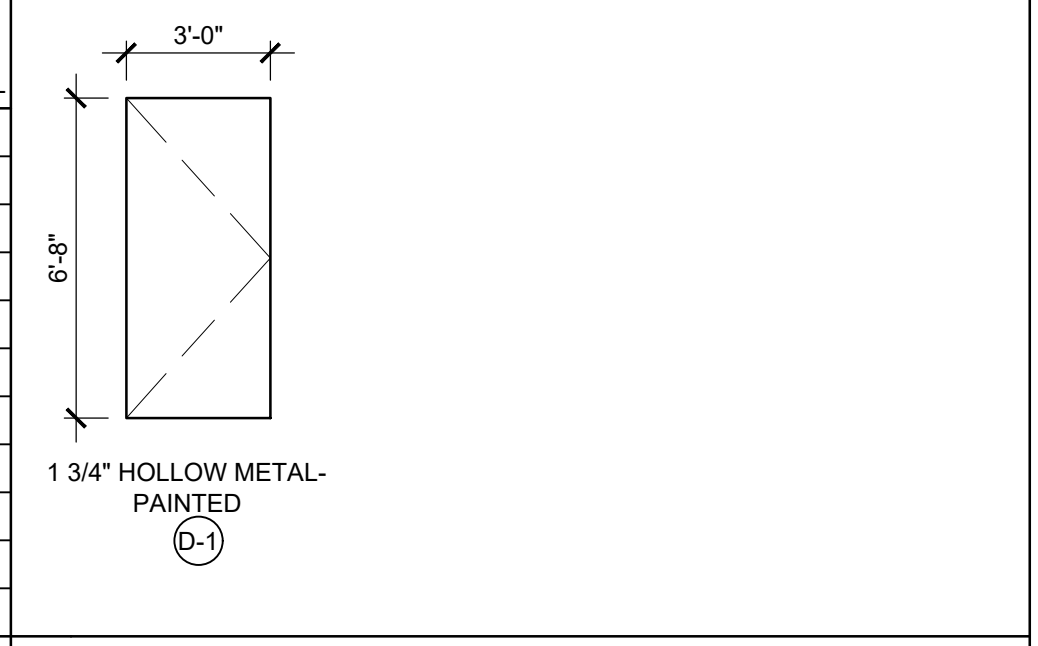
FRAME TYPES

F-1 HOLLOW METAL FRAME - REFER TO A/G1.4

DOOR / FRAME / GLAZING NOTES

- INTERIOR FRAMES: H.M., PAINT P-2.
- INTERIOR DOORS: 1 3/4" H.M. DOORS, PAINT P-2.
- CLEARANCES PER "MANEUVERING CLEARANCES AT DOORS" DIAGRAM, BASED UPON FIGURE 404.2.3.2 ANSI. COORDINATE ANY CONFLICTS WITH THE ARCHITECT.
- COORDINATE DOOR/FRAME TYPES, STYLE, FINISH WITH OWNER.
- ALL HARDWARE TO COMPLY WITH THE LATEST REQUIREMENTS OF THE OHIO BUILDING CODE, ADAAG, NFPA, NEC AND OTHER APPLICABLE REGULATORY AGENCIES. THE HARDWARE SUPPLIER SHALL COORDINATE STYLE, FINISH, AND OPERATION REQUIREMENTS WITH THE OWNER.
- THE HARDWARE SUPPLIER SHALL COORDINATE THE KEYING REQUIREMENTS WITH THE OWNER.
- DOOR ACCESSORIES SUCH AS CLOSERS, KICK PLATES, DOOR STOPS, (WALL OR FLUSH MOUNTED), THRESHOLDS, ETC. AS DIRECTED BY THE OWNER. PROVIDE WALL OR FLOOR STOP AT EACH DOOR

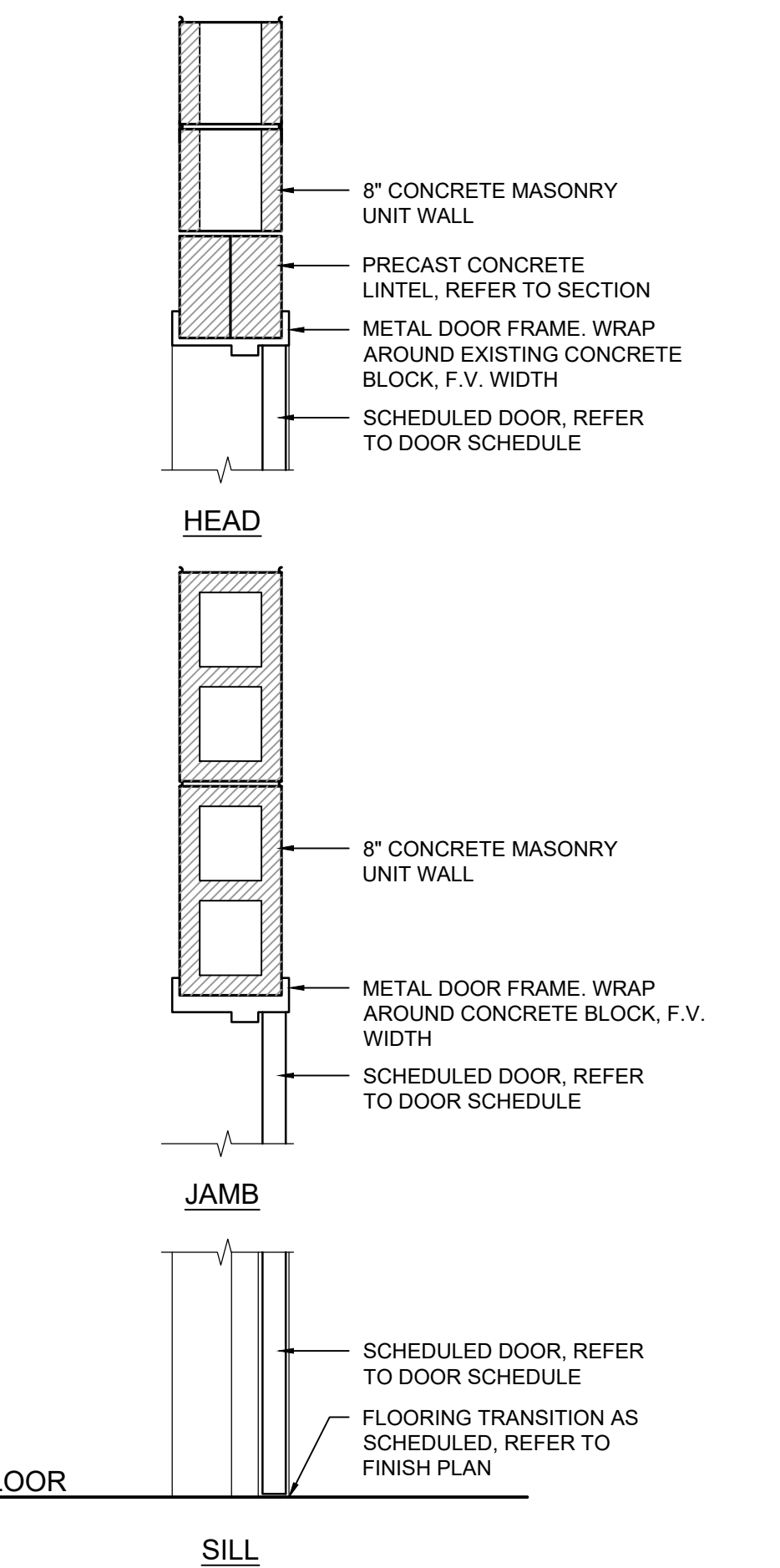
DOOR TYPES



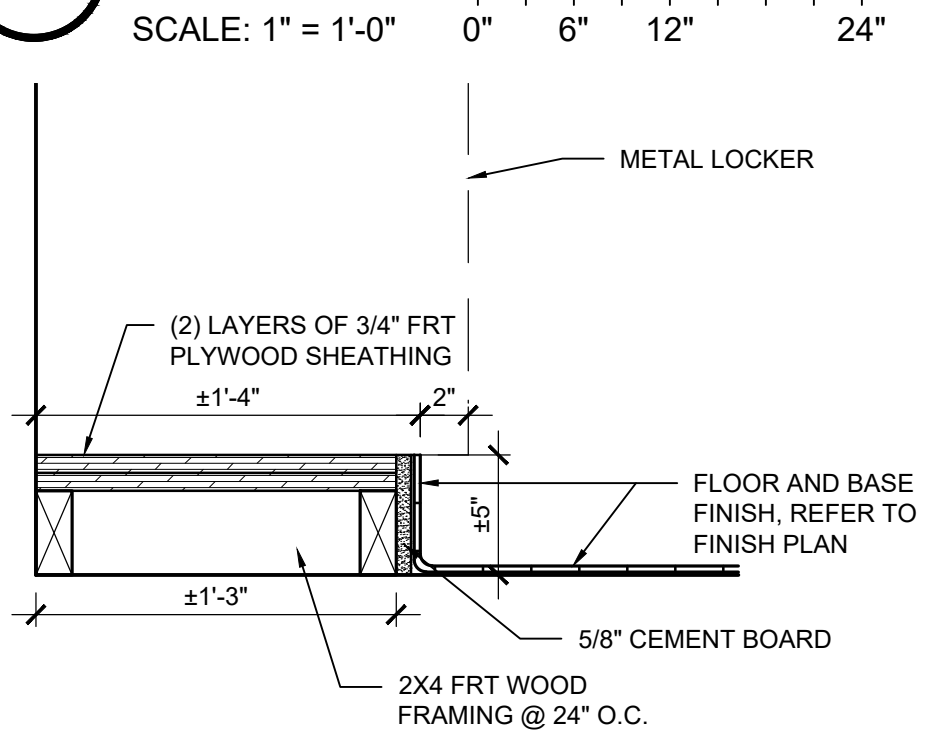
HARDWARE TYPES

H-1 - LOCKER ROOM
PUSH / PULL FUNCTION X CLOSER

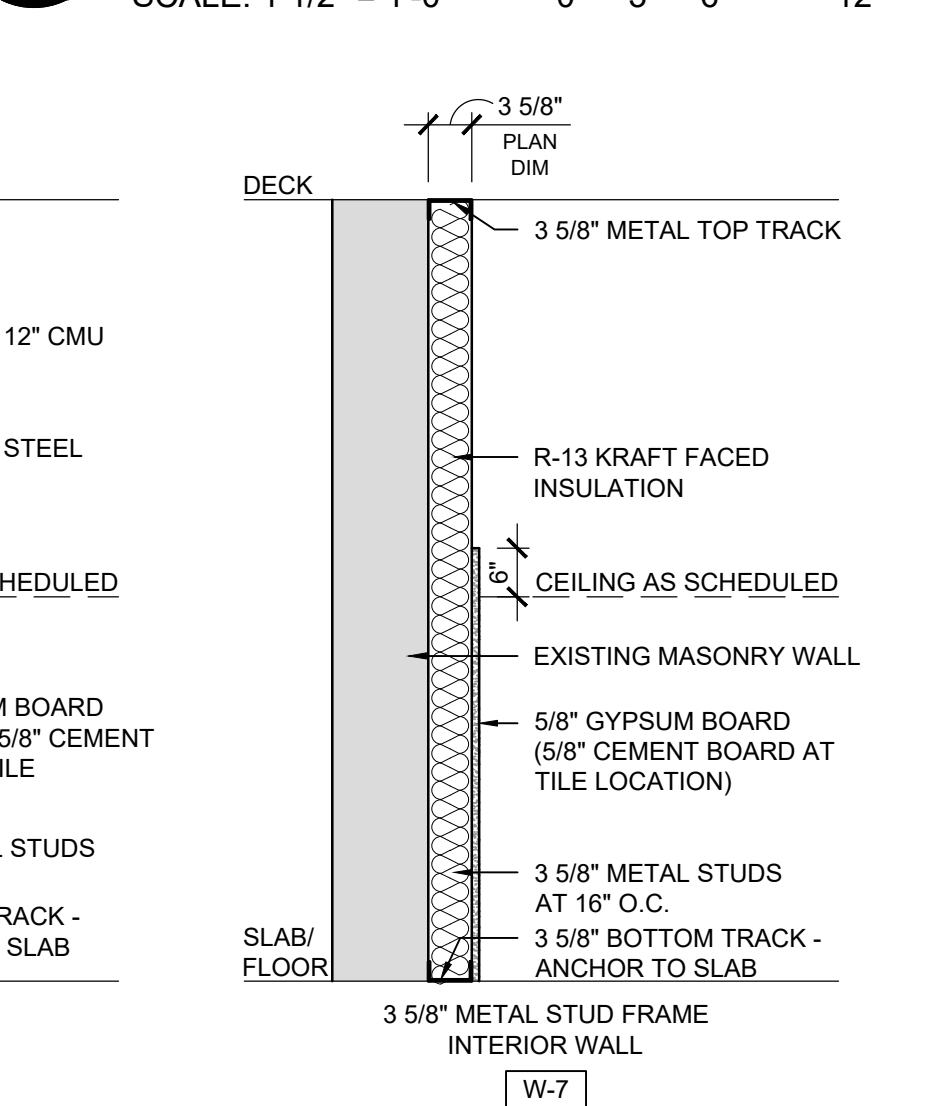
HINGE / FULL MORTISE: TA2314 (SIZE PER SPEC) US27 MK
PULL PLATE: BF 126X70C US27 RO
PUSH PLATE: 70E US27 RO
DOOR CLOSER: TRI-MOUNT351 UO EB SA
KICK PLATE: K1050 10" HIGH X CSK X BEV US27 RO
(BOTH SIDES)
DOOR STOP: 400 SERIES AS REQ'D US27 RO
SILENCER: 608/609 RO



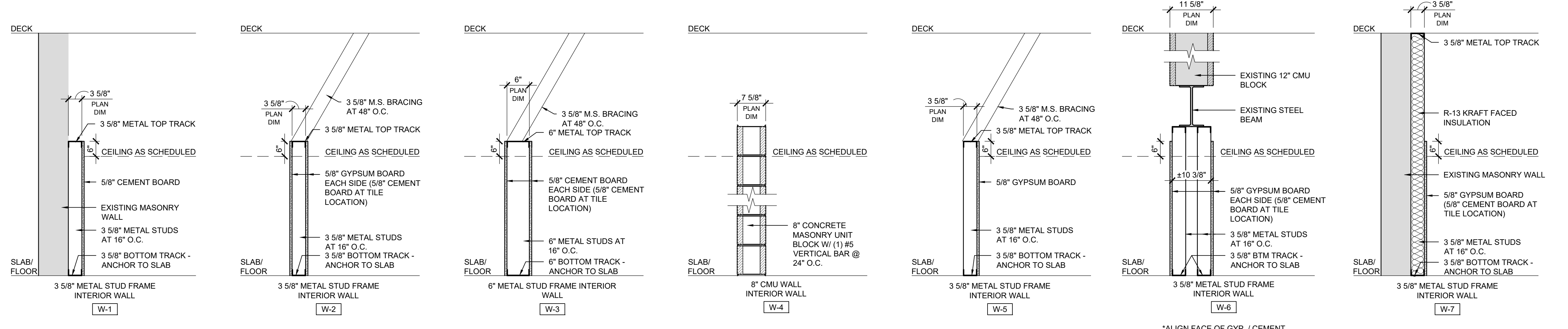
DOOR DETAILS



LOCKER BASE DETAIL

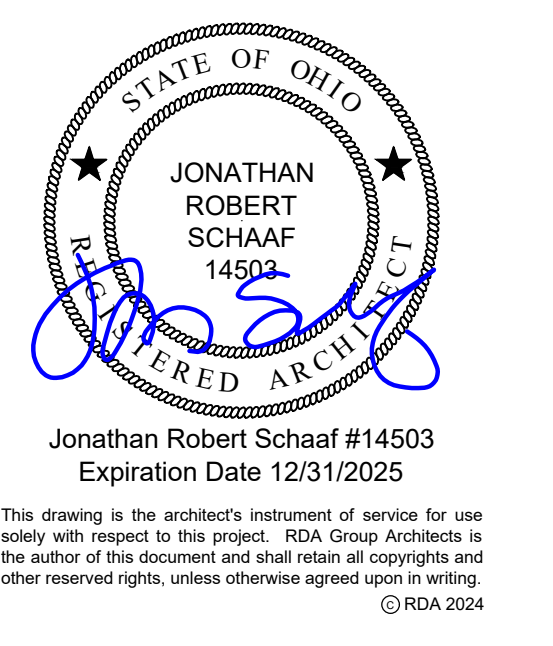


NOTE: COORDINATE WITH FINISH PLAN AND INTERIOR ELEVATION FOR WALL FINISHES.



WALL TYPES

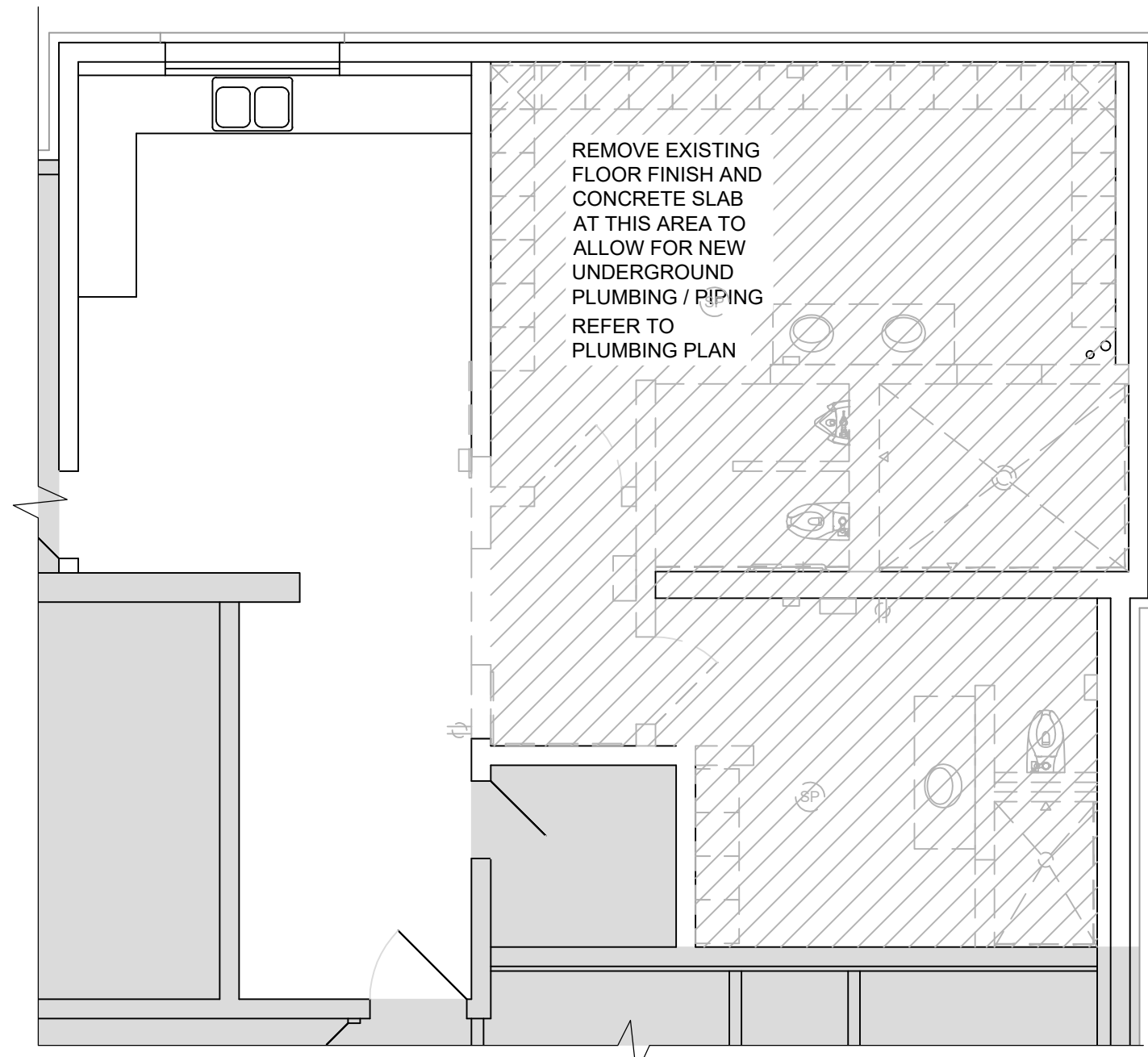
SCALE: 3/4" = 1'-0"



Toilet Room Renovations At:
Moraine Fire Station #30
3333 Pinnacle Park Drive
Moraine, OH 45439

Project Number	2024-070
Date	October 01, 2024
Date	Issue
05.21.24	SD Review
09.26.24	Final Review
10.01.24	Bid/Construction
Sheet Title	Schedules Details
Sheet Number	G1.4

SCALE: 0" 6" 12" 24"

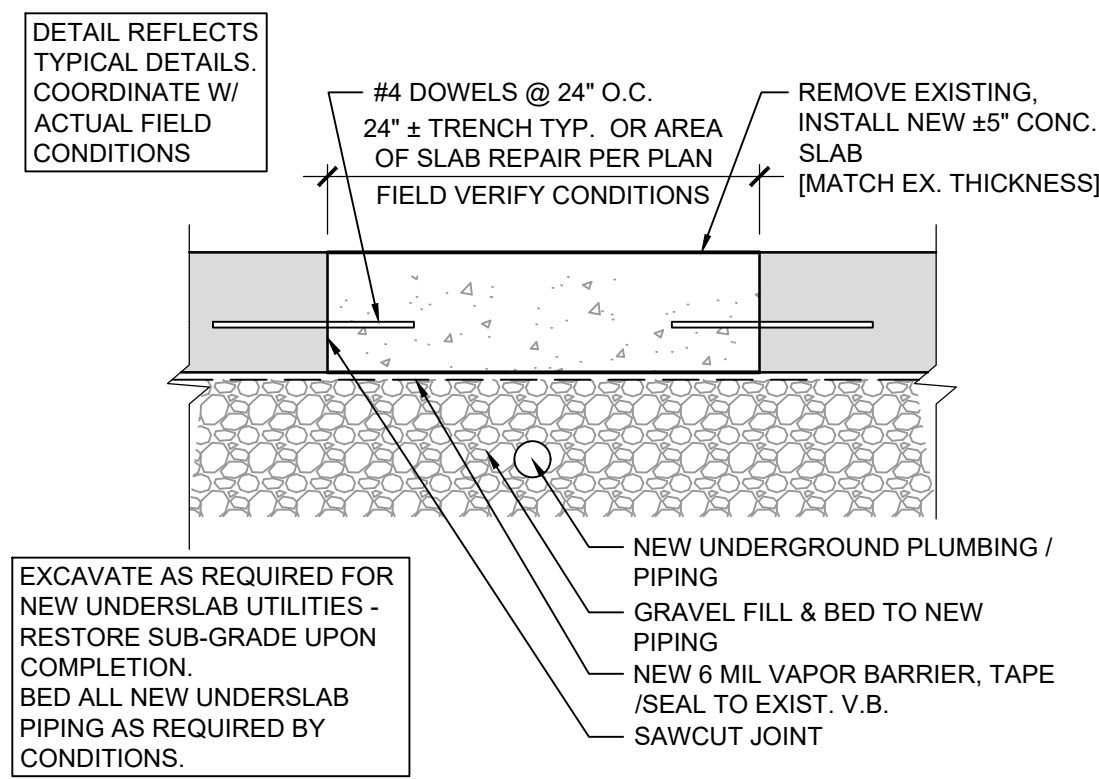


C SLAB REMOVAL PLAN
SCALE: 3/16" = 1'-0"
0 3 6 12 N

AREA OF CONCRETE SLAB REMOVAL

EXISTING BUILDING CONSTRUCTION

PRIMARY STRUCTURE: MASONRY
EXTERIOR WALLS: CMU WITH BRICK VENEER
EXTERIOR WINDOW SYSTEMS: VINYL WINDOWS
FLOOR: SLAB ON GRADE
ROOF: METAL DECK, STEEP SLOPE ROOF



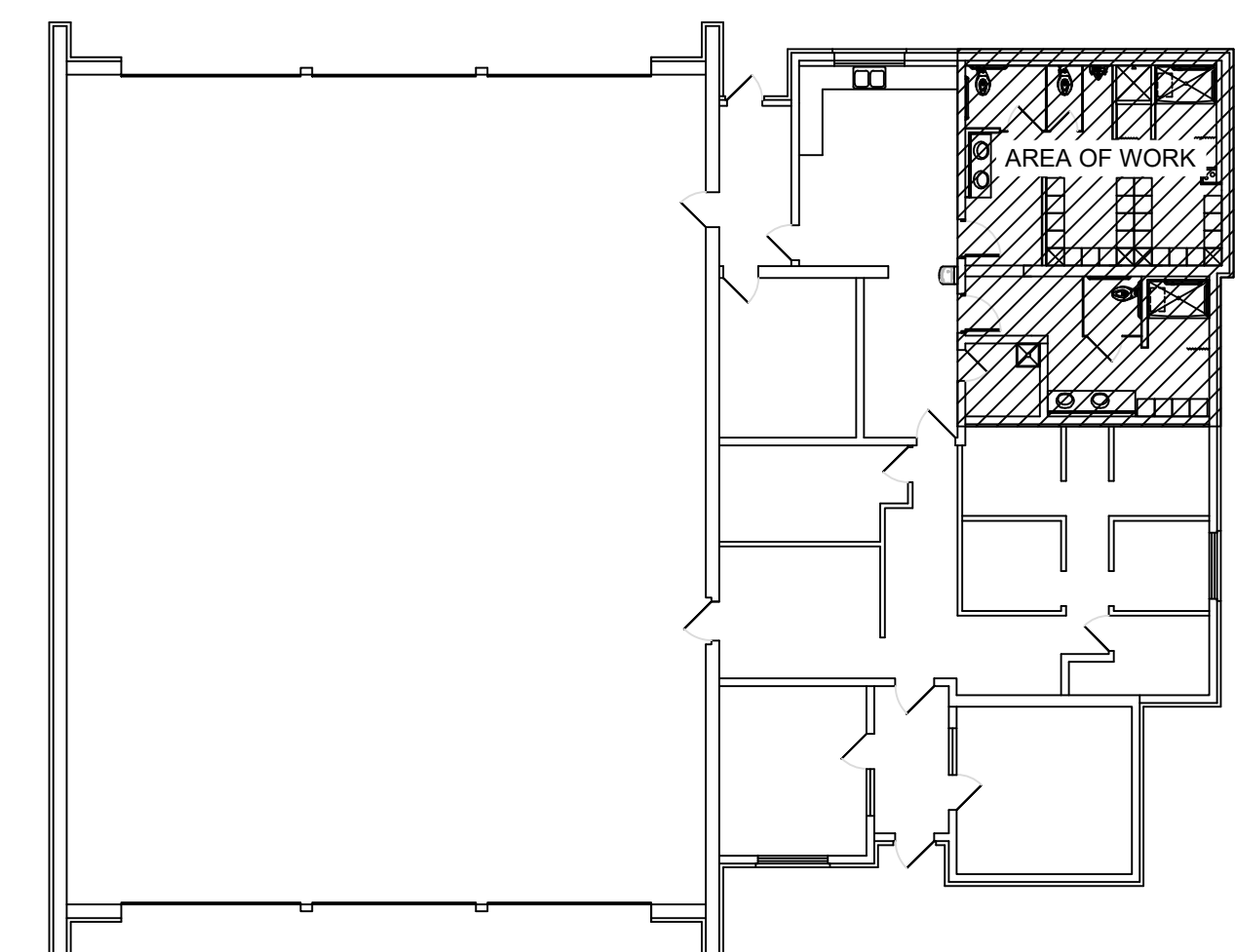
C SLAB REPAIR DETAIL
SCALE: 1 1/2" = 1'-0"
0" 3" 6" 12"

DEMOLITION KEY NOTES

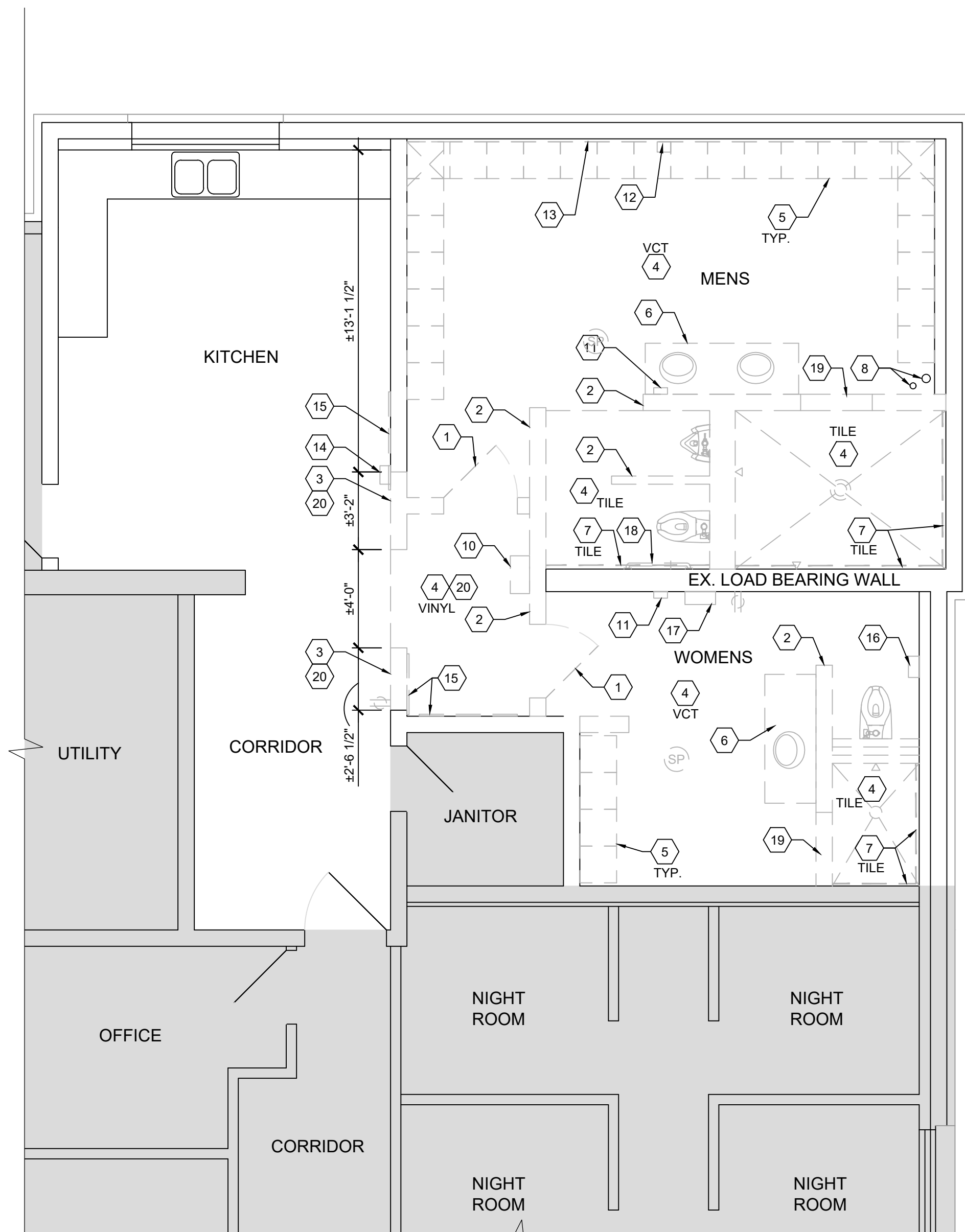
1. REMOVE EXISTING DOOR, FRAME, AND HARDWARE COMPLETE.
2. REMOVE EXISTING MASONRY WALL COMPLETE.
3. SAWCUT & REMOVE EXISTING MASONRY WALL COMPLETE FOR NEW OPENING. REFER TO PROPOSED FLOOR PLAN FOR NEW WORK THIS AREA. PREP/REPAIR WALL AND FLOOR AS REQUIRED FOR NEW WORK. PROVIDE ANY NECESSARY SHORING. REFER TO WALL SECTION FOR NEW LINTEL REQUIREMENTS.
4. REMOVE EXISTING BASE AND FLOOR FINISH COMPLETE.
5. REMOVE EXISTING LOCKERS AND ASSOCIATED LOCKER BASES.
6. REMOVE EXISTING SINK/COUNTER COMPLETE. REFER TO PLUMBING DRAWINGS.
7. REMOVE EXISTING WALL FINISH TO EXPOSE CONCRETE BLOCK WALL.
8. EXISTING PIPES TO REMAIN. PROTECT.
9. NO WORK IN THIS AREA.
10. REMOVE EXISTING DRINKING FOUNTAIN COMPLETE. REFER TO PLUMBING DRAWINGS.
11. REMOVE / REPLACE HORN AND STROBE DEVICE. REFER TO ELECTRICAL DRAWINGS.
12. REMOVE / REPLACE EXISTING WALL SPEAKER. REFER TO ELECTRICAL DRAWINGS.
13. REMOVE EXISTING GYPSUM BOARD AND HAT CHANNEL TO EXPOSE CMU BLOCK WALL. PREPARE AREA FOR NEW WORK.
14. REMOVE / RELOCATE EXISTING TELEPHONE. COORDINATE WITH ELECTRICAL DRAWINGS. PATCH / REPAIR EXISTING CMU WALL AS REQUIRED FOR NEW WORK.
15. REMOVE / RELOCATE BULLETIN BOARD. PATCH / REPAIR EXISTING CMU WALL AS REQUIRED FOR NEW WORK.
16. REMOVE EXISTING TOILET PAPER HOLDER. PATCH / REPAIR EXISTING CMU WALL AS REQUIRED FOR NEW WORK.
17. REMOVE EXISTING PAPER TOWEL HOLDER. PATCH / REPAIR EXISTING CMU WALL AS REQUIRED FOR NEW WORK.
18. REMOVE EXISTING GRAB BAR. PATCH / REPAIR EXISTING CMU WALL AS REQUIRED FOR NEW WORK.
19. REMOVE EXISTING SHOWER THRESHOLD COMPLETE PLUS ONE COURSE BELOW SLAB TO ALLOW FOR SLAB POUR THRU.
20. REMOVE EXISTING 4" RUBBER WALL BASE AS REQUIRED BY NEW WORK.
21. NOT USED
22. REMOVE EXISTING CEILING GRID, PADS, LIGHTS FIXTURES, AND HVAC DIFFUSERS COMPLETE THIS AREA. EXISTING SPRINKLER SYSTEM TO REMAIN. REFER TO REFLECTED CEILING PLAN AND MECHANICAL AND ELECTRICAL DRAWINGS.
23. REMOVE EXISTING GYPSUM BOARD CEILING AND RELATED METAL FRAMING COMPLETE. COORDINATE WITH RCP FOR NEW WORK.
24. REMOVE EXISTING ACOUSTICAL TILES AS REQUIRED TO REMOVE EXISTING WALL.
25. REMOVE EXISTING CEILING AS REQUIRED FOR MECHANICAL DEMOLITION.
26. SALVAGE EXISTING SPEAKERS. COORDINATE WITH ELECTRICAL.

DEMOLITION GENERAL NOTES

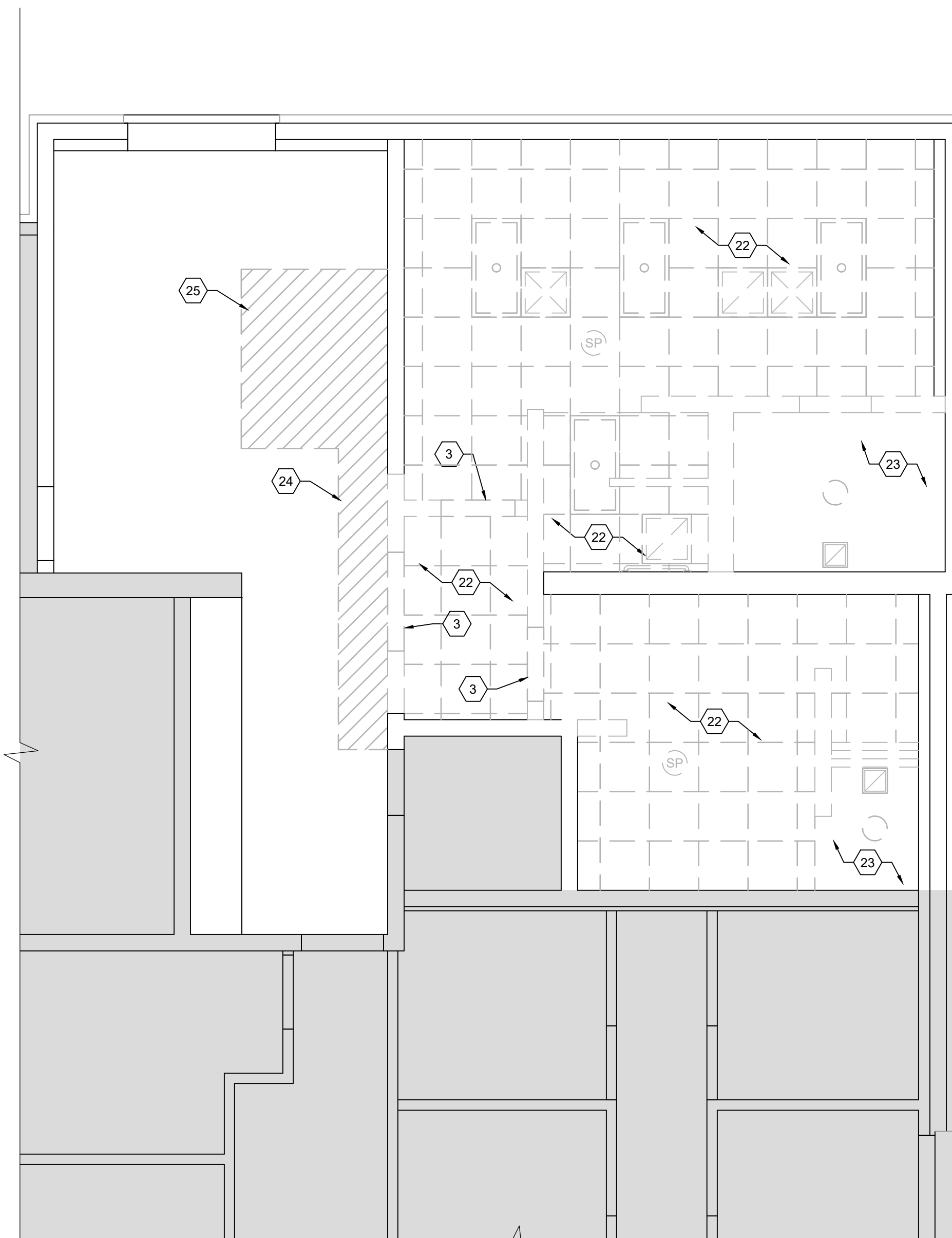
1. PROVIDE ALL DEMOLITION REQUIRED BY WORK.
2. REMOVE ALL MATERIALS AND FINISHES REQUIRED TO PERFORM SCHEDULED WORK INCLUDING ANY ANCILLARY ITEMS.
3. REMOVE ONE COURSE BELOW SLAB AT ALL MASONRY WALLS BEING REMOVED TO ALLOW FOR POUR THRU OF CONCRETE SLAB.
4. SALVAGE ALL ITEMS AS DIRECTED BY OWNER OR AS NOTED IN THE DRAWINGS. COORDINATE ALL REQUIREMENTS FOR REINSTALLATION OF SALVAGED ITEMS. PROVIDE REPLACEMENT PARTS/COMPONENTS TO ALLOW COMPLETE INSTALLATION.
5. PROTECT ALL FINISHES AND MATERIALS SCHEDULED TO REMAIN FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR ANY DAMAGED FINISHES TO LIKE NEW CONDITION.
6. PROVIDE ALL NECESSARY TEMPORARY BRACING AND SHORING DURING DEMOLITION AND CONSTRUCTION WORK.
7. REMOVE ALL MISCELLANEOUS ITEMS, CONDUITS, WIRES, ETC. FROM SURFACES AND WALL CAVITIES AS REQUIRED TO PERFORM WORK.
8. PROVIDE ALL PREP WORK FOR NEW FINISHES AND PROPOSED WORK.
9. COORDINATE WITH P/M/E DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS. PROPERLY TERMINATE/CAP EXISTING UTILITIES BACK TO NEAREST BRANCH AS APPLICABLE.
10. REMOVE ALL EXISTING PLUMBING FIXTURES IN THE AREA OF WORK.
11. REMOVE ALL EXISTING ELECTRICAL DEVICES AND FIXTURES IN THE AREA OF WORK.
12. REMOVE ALL EXISTING TOILET ACCESSORY AND PARTITIONS.
13. REMOVE EXISTING HVAC AIR DEVICES IN THE AREA OF WORK.



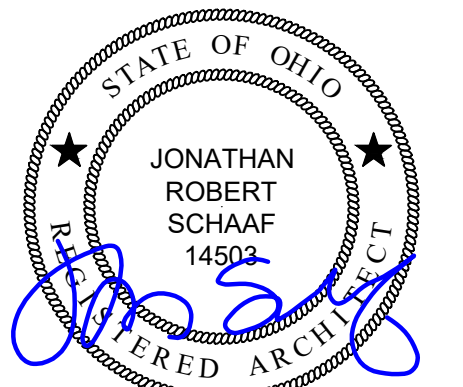
KEY PLAN
N.T.S. N



A EXISTING/DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"
0 2 4 8 N



B EXISTING/DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"
0 2 4 8 N



Jonathan Robert SchAAF #14502
Expiration Date 12/31/2025

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Toilet Room Renovations At:
Moraine Fire Station #30

3333 Pinnacle Park Drive
Moraine, OH 45439

Project Number
2024-070

Date
October 01, 2024

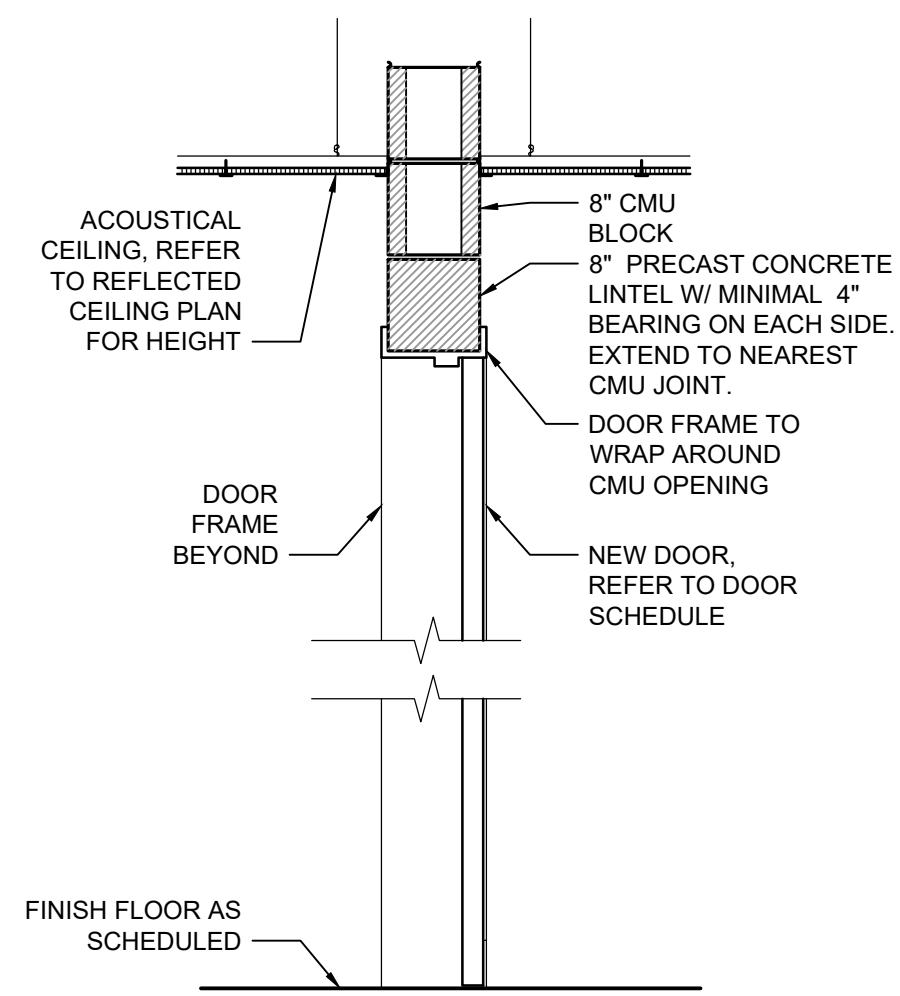
Date	Issue
05.21.24	SD Review
09.26.24	Final Review
10.01.24	Bid/Construction

Sheet Title
Existing / Demolition
Floor Plan / Reflected
Ceiling Plan

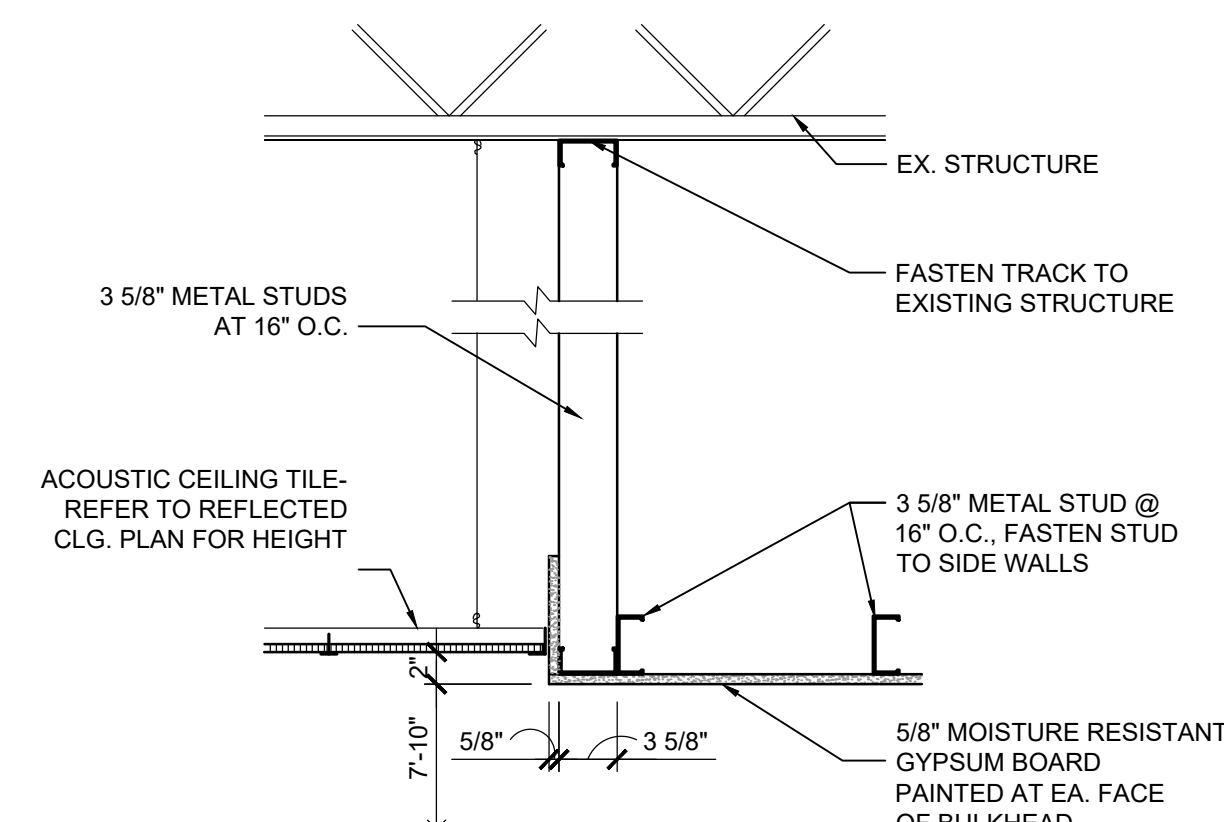
Sheet Number
D1.1

GENERAL NOTES

- COORDINATE ALL ROUGH IN LOCATIONS WITH EQUIPMENT REQUIREMENTS, ETC.
- COORDINATE ANY APPLICABLE FINISHES WITH BUILDING STANDARDS.
- FURNISHINGS AND ACCESSORIES BY OWNER.
- INSTALL NEW SEALANT AT ALL APPLICABLE INTERIOR AND EXTERIOR JOINTS.
- FIELD COORDINATE EX. FRAMING CONDITIONS & COORDINATE ANY DISCREPANCIES W/ ARCHITECT.
- FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
- COORDINATE WORK WITH APPLICABLE PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS. PROVIDE ANY REQUIRED ACCESS PANELS, ETC. TO ACCESS CONCEALED WORK.
- DIMENSIONS
 - DIMENSIONS ARE TO FACE OF EXISTING FINISHES AND TO FACE OF STUD FOR NEW WALL FRAMING.
 - INTERIOR METAL STUD PARTITIONS ARE 3-5/8" UNLESS NOTED OTHERWISE.
 - DO NOT SCALE DRAWINGS.
 - REFER TO DRAWING NOTES AND DETAILS FOR ANY SPECIAL NOTES THAT GOVERN LAYOUT.
- LAYOUT
 - LOCATE JAMBS MINIMUM OF 4" FROM CORNER TO OUTSIDE EDGE OF FRAME WHERE POSSIBLE, EXCEPT WHERE NOTED OTHERWISE.
 - MAINTAIN ALL MANEUVERING CLEARANCE FOR ALL DOORS PER "MANEUVERING CLEARANCES AT DOORS DIAGRAM BASED UPON FIGURE 404.2.3.2 ANSI. COORDINATE ALL CONFLICTS WITH THE ARCHITECT.
- FINISHES: REFER TO FINISH PLANS. COORDINATE ALL WITH OWNER AS APPLICABLE.
- PROVIDE WOOD BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED ITEMS, CASEWORK, COUNTERTOPS, TOILET ACCESSORIES, DOOR STOPS, AND AS SPECIFICALLY NOTED. CONCEAL ALL BLOCKING IN WALLS. BLOCKING SHALL BE A MINIMUM OF 2X8. FIELD COORDINATE.
- PATCH ALL EX. WALLS AS REQ'D INCLUDING SCARS FROM DEMOLITION, NEW WIRING, ETC. TO LIKE NEW CONDITION. MATCH ADJACENT AS APPLICABLE.



C SECTION AT NEW DOOR OPENING
SCALE: 3/4" = 1'-0" 0" 6" 12" 24"



D SECTION AT BULKHEAD
SCALE: 1" = 1'-0" 0" 6" 12" 24"

NEW CONSTRUCTION KEY NOTES

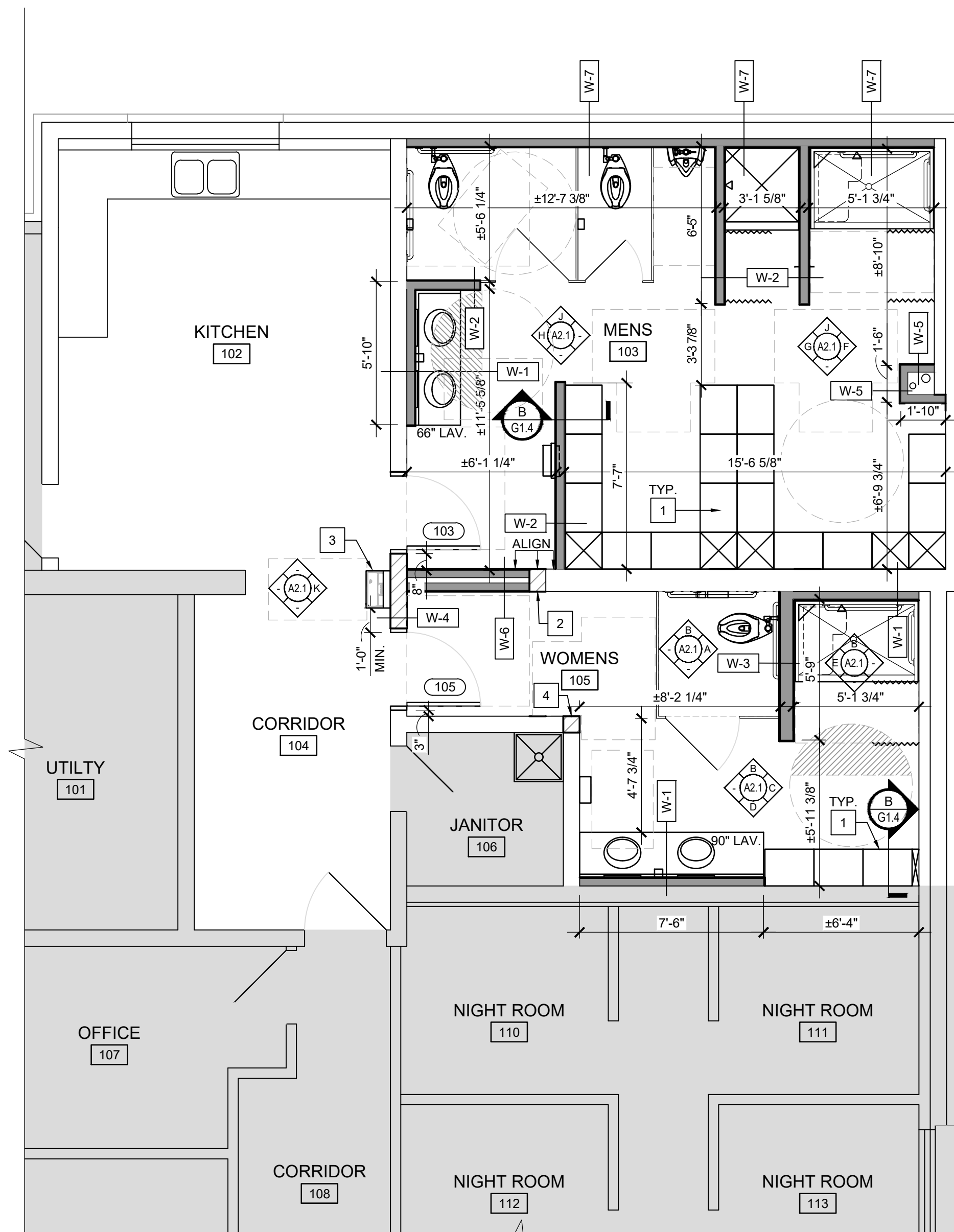
- INSTALL NEW, G.C. PROVIDED, LOCKERS AND ASSOCIATED BASE.
- TOOTH IN NEW CMU INTO EXISTING CMU BLOCK WALL TO EXTEND 12" BEARING WALL. WALL TO GO UP TO BOTTOM OF BEAM. REBUILD TO CREATE DOUBLE CORNER.
- NEW BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
- TOOTH IN NEW CMU INTO EXISTING CMU WALL TO REPAIR WALL CORNER.

REFLECTED CEILING PLAN KEY NOTES

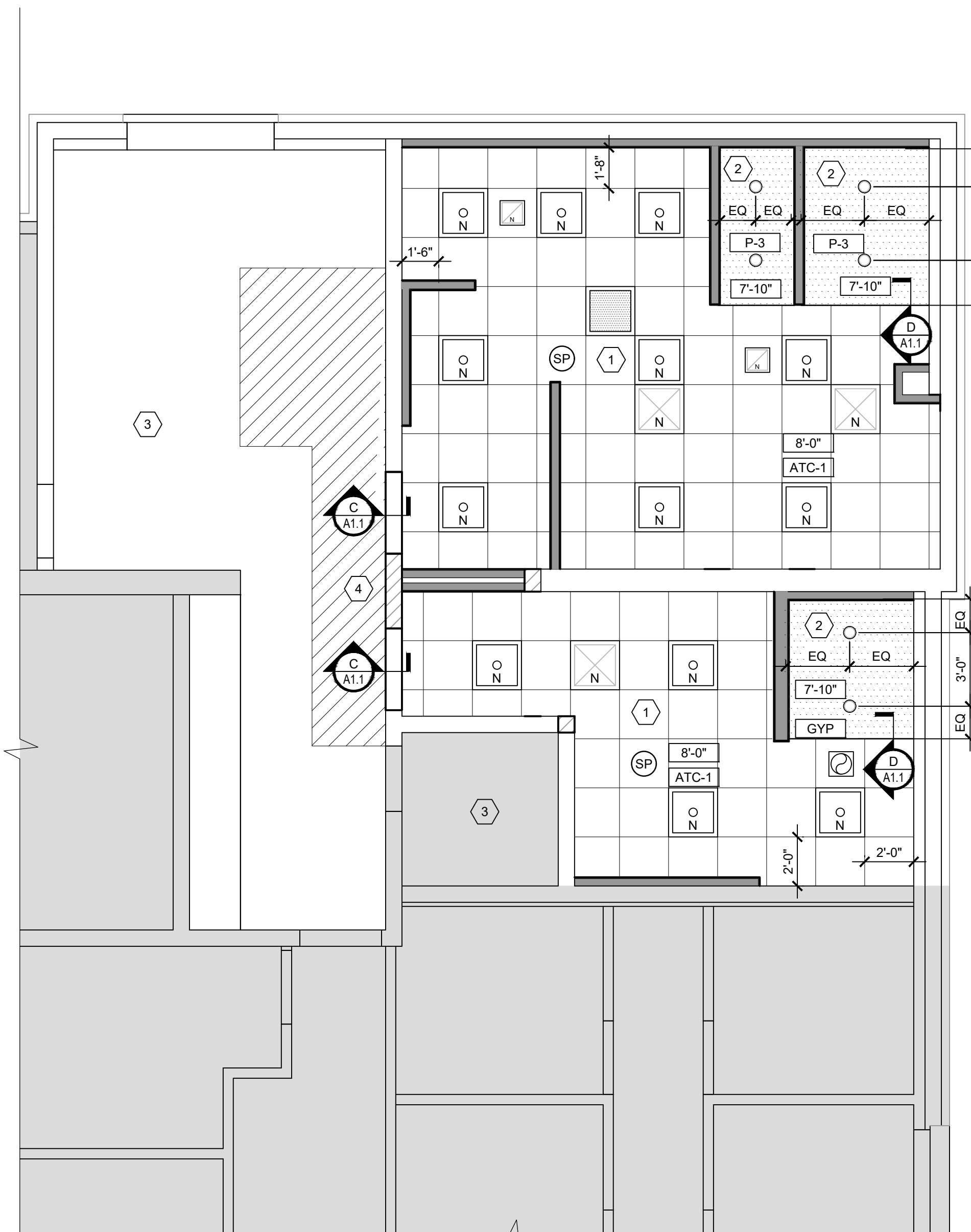
- NEW ACOUSTICAL CEILING AT HEIGHT INDICATED.
- NEW GYPSUM CEILING AT HEIGHT INDICATED.
- EXISTING CEILING TO REMAIN - NO CHANGE.
- MODIFY/EXTEND/INSTALL NEW 2X2 ACOUSTICAL TILE CEILING BACK TO NEW WALL. MATCH EXISTING.

SYMBOL LEGEND

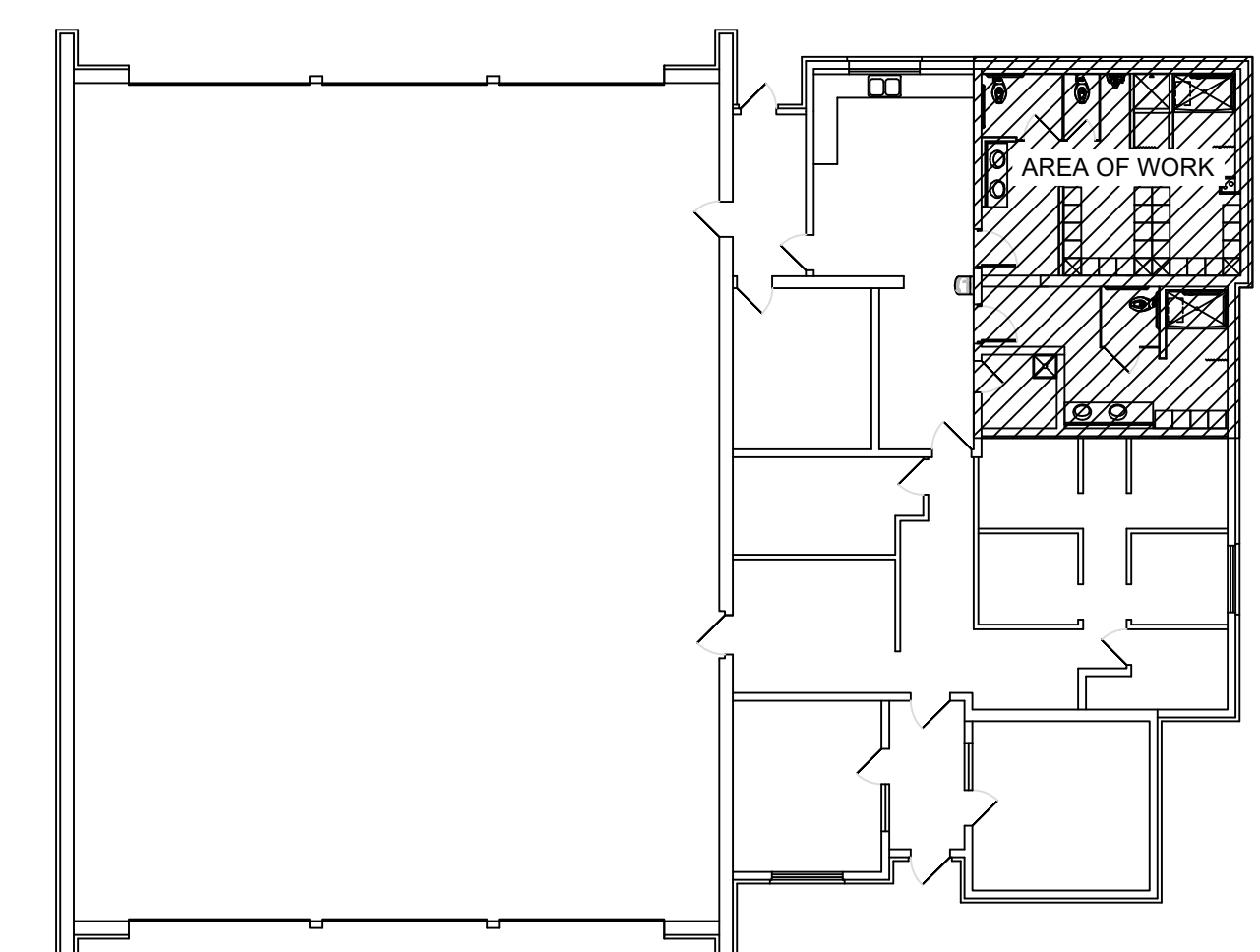
- ACOUSTICAL TILE CEILING, HEIGHT AS INDICATED
- GYPSUM BOARD CEILING, HEIGHT AS INDICATED
- 2X2 LAY-IN LIGHTS - REFER TO ELECTRICAL DWG.
- RECESSED CAN LIGHT - REFER TO ELECTRICAL DWG.
- HVAC DIFFUSERS, REFER TO MECHANICAL DWG.
- EXHAUST FAN, REFER TO MECHANICAL DWG.
- CEILING HEATER, REFER TO MECHANICAL DWG.
- CEILING SPEAKER, REFER TO ELECTRICAL DWG.



A PROPOSED FLOOR PLAN
SCALE: 1/4" = 1'-0" 0 2 4 8 N



B PROPOSED REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0" 0 2 4 8 N



KEY PLAN
N.T.S. N

STATE OF OHIO
JONATHAN ROBERT SCHAAF 14503
REGISTERED ARCHITECT
Jonathan Robert Schaaf #14503
Expiration Date 12/31/2025
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Moraine, OH 45439

Project Number	2024-070
Date	October 01, 2024
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05.21.24	SD Review
09.26.24	Final Review
10.01.24	Bid/Construction
Sheet Title	Proposed Floor Plan Reflected Ceiling Plan
Sheet Number	A1.1



Jonathan Robert SchAAF #14503
Expiration Date 12/31/2025

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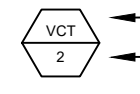
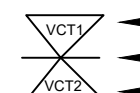


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 7662 PARAGON ROAD | DAYTON, OH 45459 | 937.610.3440



Toilet Room Renovations At:
Moraine Fire Station #30
 3333 Pinnacle Park Drive
 Moraine, OH 45439

Project Number	2024-070
Date	October 01, 2024
Date	Issue
05.21.24	SD Review
09.26.24	Final Review
10.01.24	Bid/Construction
Sheet Title	Floor Finish Plan Wall Finish Plan
Sheet Number	A1.2

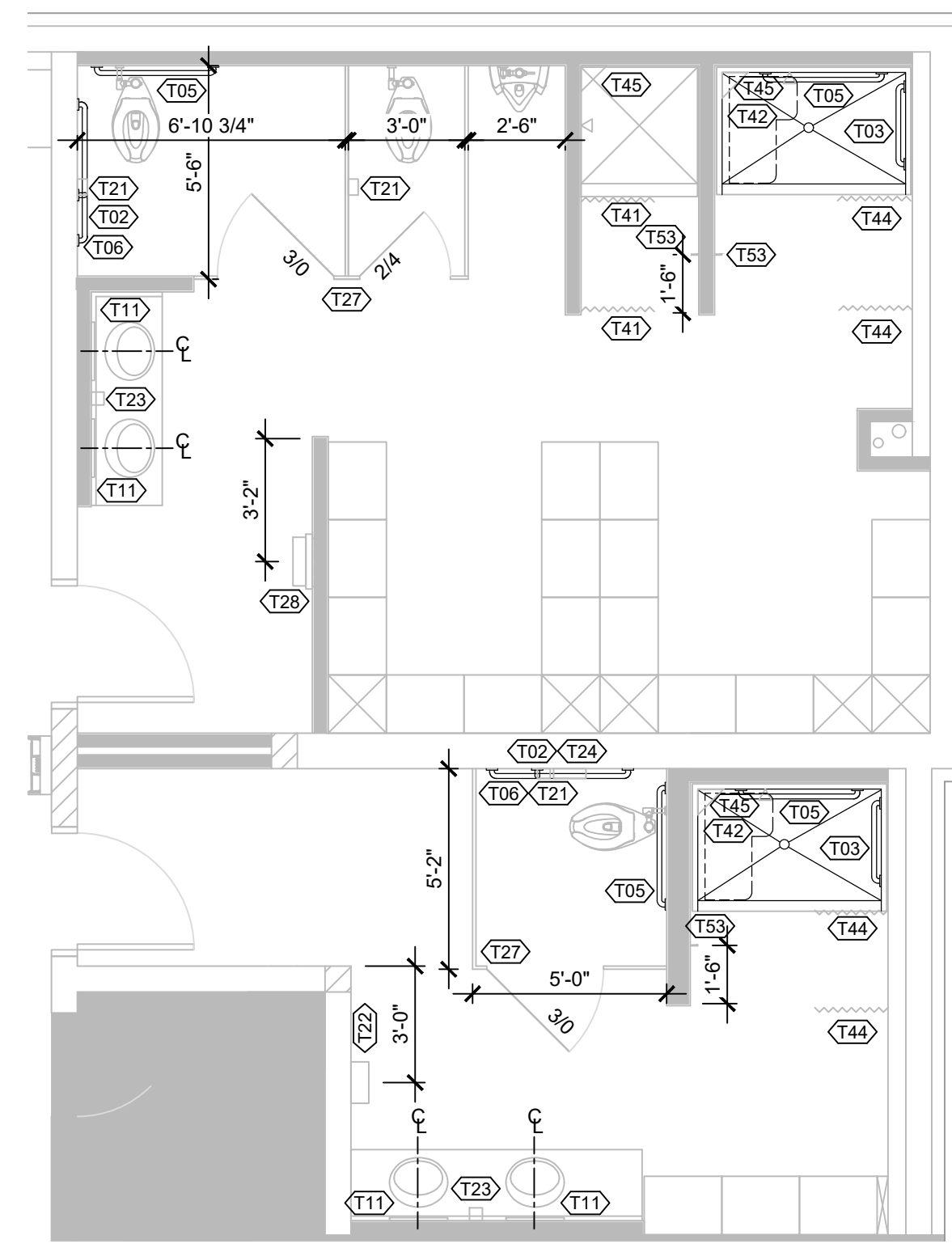
DRAWING KEY

-  FLOOR FINISH
FINISH # SPEC.
-  FLOOR FINISH
LOCATION OF FLOORING TRANSITION
FLOOR FINISH
-  WALL FINISH TYPE
-  WALL FINISH # SPECIFICATION

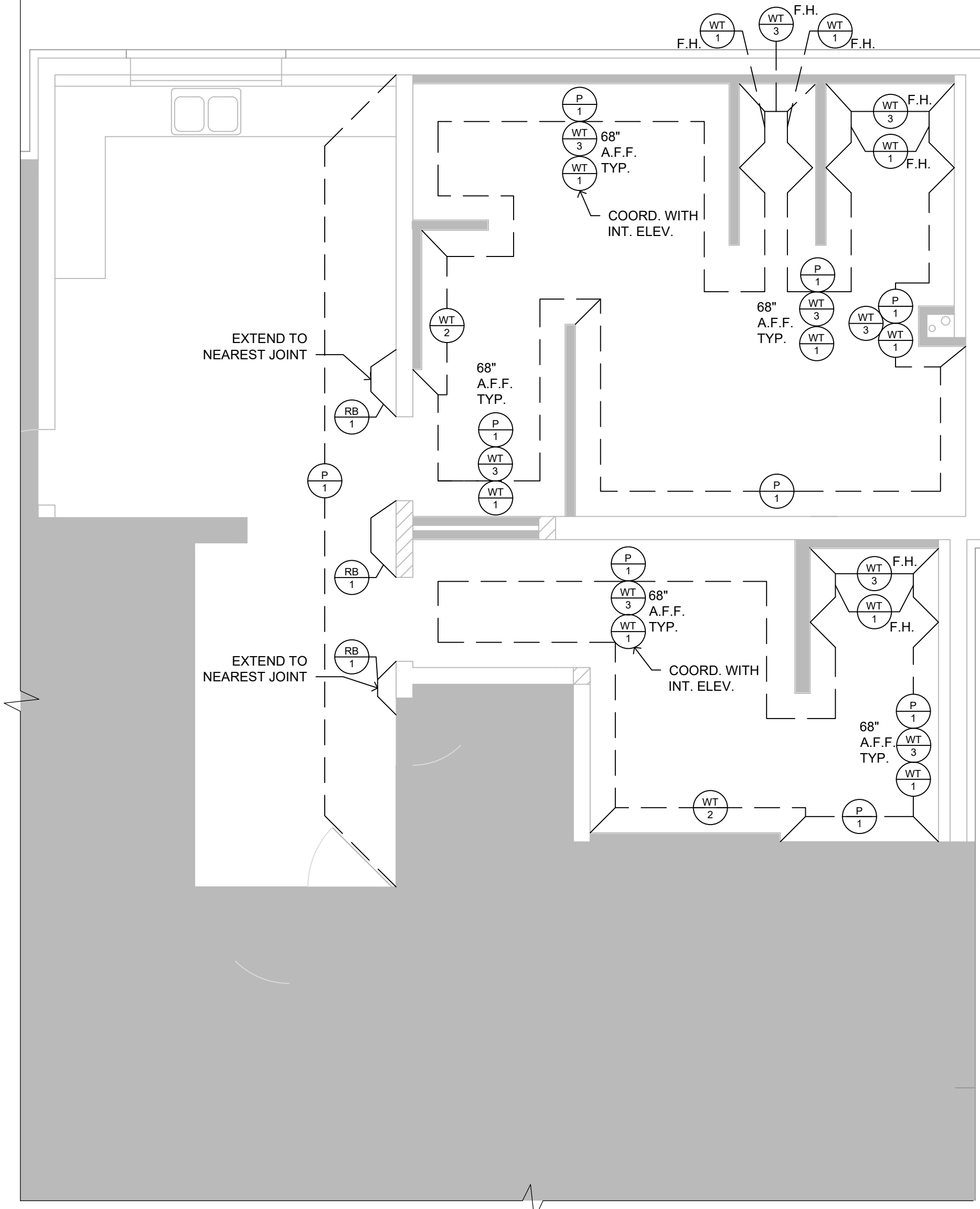
GENERAL NOTES

- SUBMIT ALL FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
- INSTALL ALL FLOORING USING THE TOOLS, ADHESIVES, INSTALLATION AND SEAMING METHODS RECOMMENDED BY MANUFACTURER'S INSTRUCTIONS.
- PROVIDE SMOOTH AND LEVEL TRANSITION BETWEEN ADJACENT FLOORING SURFACES. VERIFY AND CONFIRM THAT APPROPRIATE TRANSITIONS ARE USED AT THE INTENDED LOCATIONS.
- USE MANUFACTURER'S RECOMMENDED ADHESIVES THAT ARE NON-TOXIC, LOW ODOR AND SOLVENT-FREE ADHESIVES SHALL BE ANTIMICROBIAL WITH NO HAZARDOUS VAPORS AND CONTAIN NO CARCINOGENIC MATERIAL PER CURRENT OSHA REGULATIONS.
- FINISH PRODUCTS SHALL BE FROM THE SAME DYE LOT.
- ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND REGULATIONS AND AUTHORITIES HAVING JURISDICTION.
- INSTALLATION OF ALL MATERIALS AND SYSTEMS SHALL COMPLY WITH APPLICABLE MANUFACTURER'S RECOMMENDATIONS FOR THE TYPE OF INSTALLATION. FOR PRODUCTS AND/OR EQUIPMENT HAVING A MANUFACTURER'S WARRANTY AVAILABLE, THE INSTALLATION SHALL BE AS REQUIRED FOR SUCH WARRANTY TO BE IN EFFECT.
- COORDINATE FLOOR PREP REQUIRED FOR PROPOSED FLOOR FINISHES.
- PROVIDE FLOOR PREP AS REQUIRED FOR NEW HOLLOW METAL DOOR FRAMES TO SET TIGHT TO FINISH FLOOR (NO GAPS PERMITTED BEYOND SEALANT JOINT).
- PATCH AND PAINT ALL WALL FINISHES AS REQUIRED BY NEW WORK WITH P-1.
- ALL PAINTS TO BE NO-VOC IN NATURE. ALL PAINTS TO BE PURCHASED MANUFACTURED AS SPECIFIED (IE- SHERWIN WILLIAMS PAINTS SHALL BE PURCHASED FROM SHERWIN WILLIAMS SUPPLIERS, ETC).
- INSTALL T-1 AT ALL OUTSIDE CORNERS.

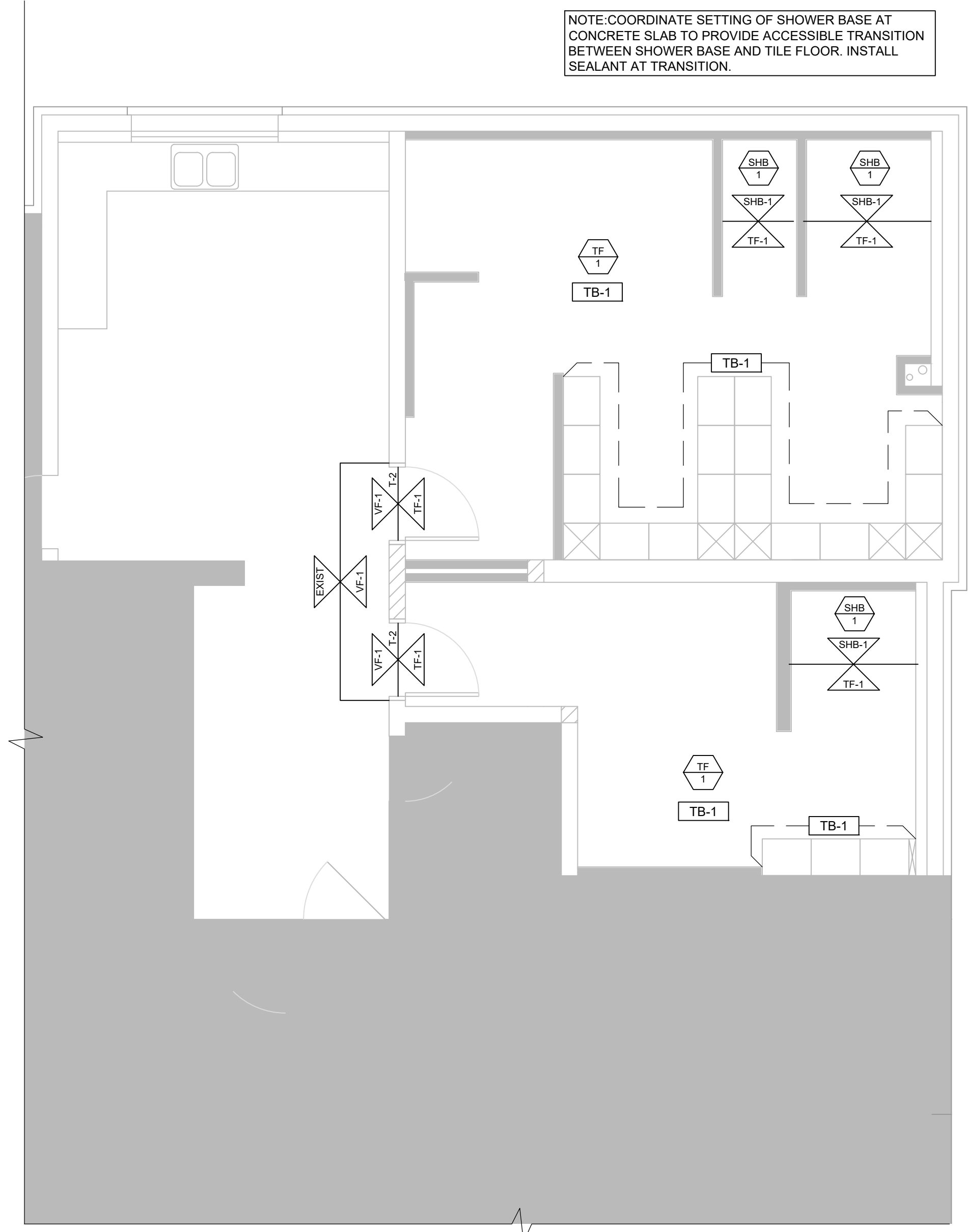
*REFER TO SHEET G1.4 FOR ACCESSORY SCHEDULE



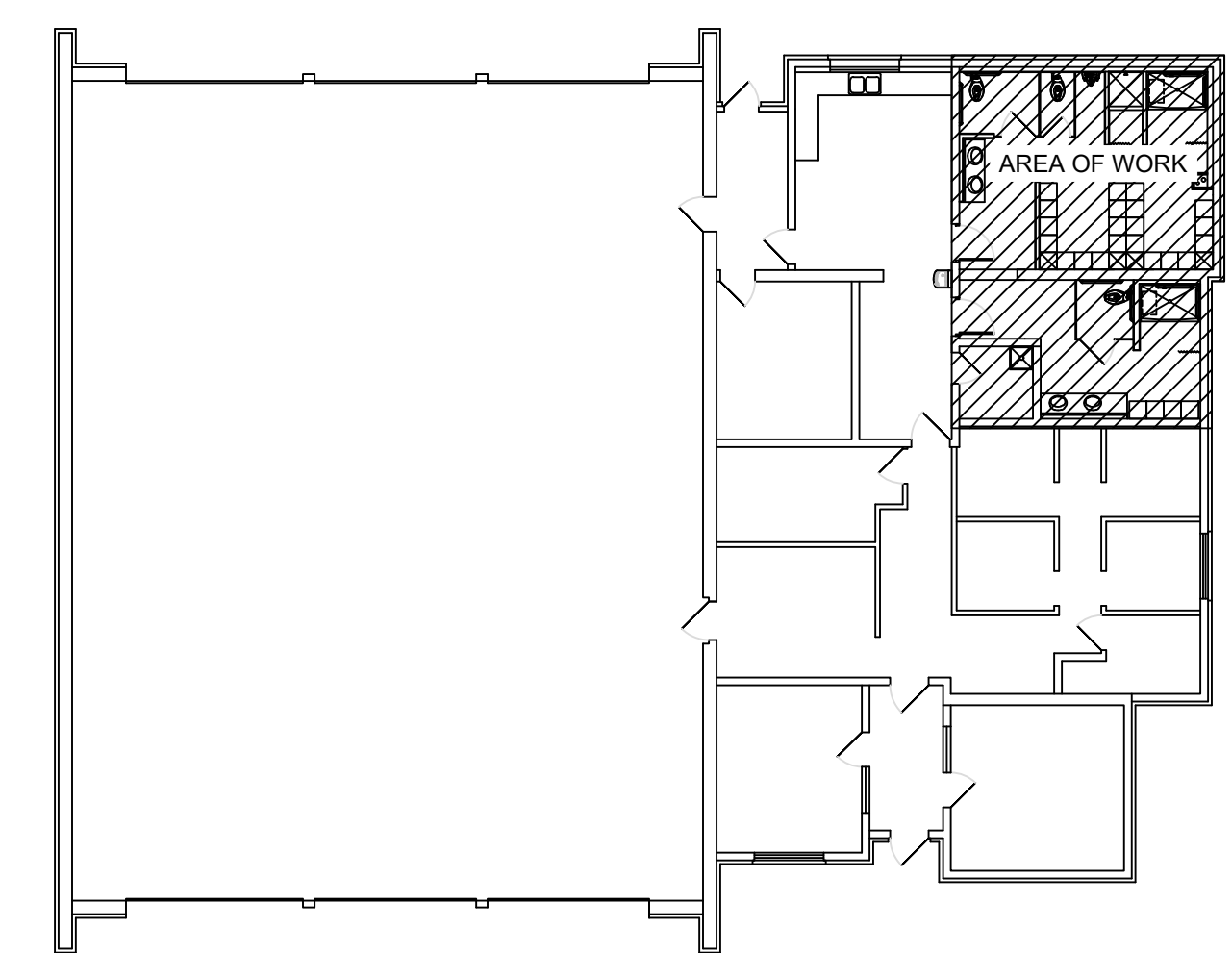
(C) ACCESSORY PLAN
SCALE: 1/4" = 1'-0"



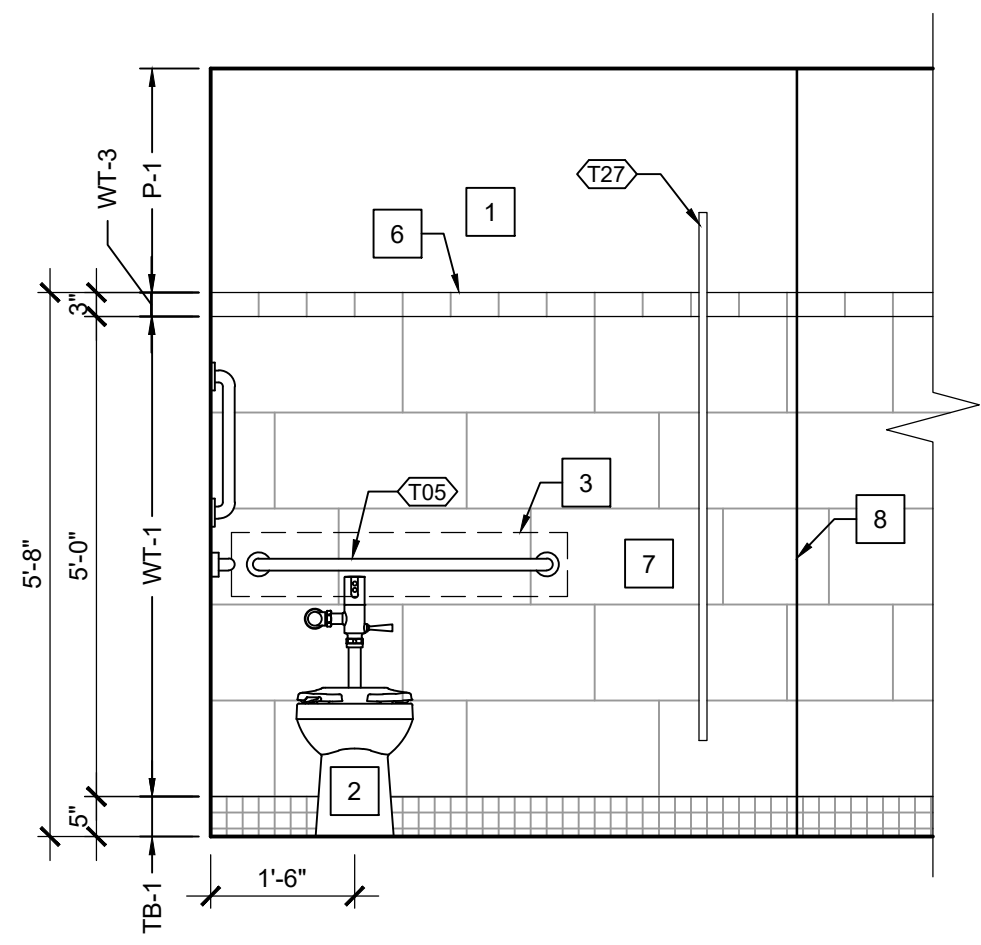
(B) WALL FINISH PLAN
SCALE: 1/4" = 1'-0"



(A) FLOOR FINISH PLAN
SCALE: 1/4" = 1'-0"



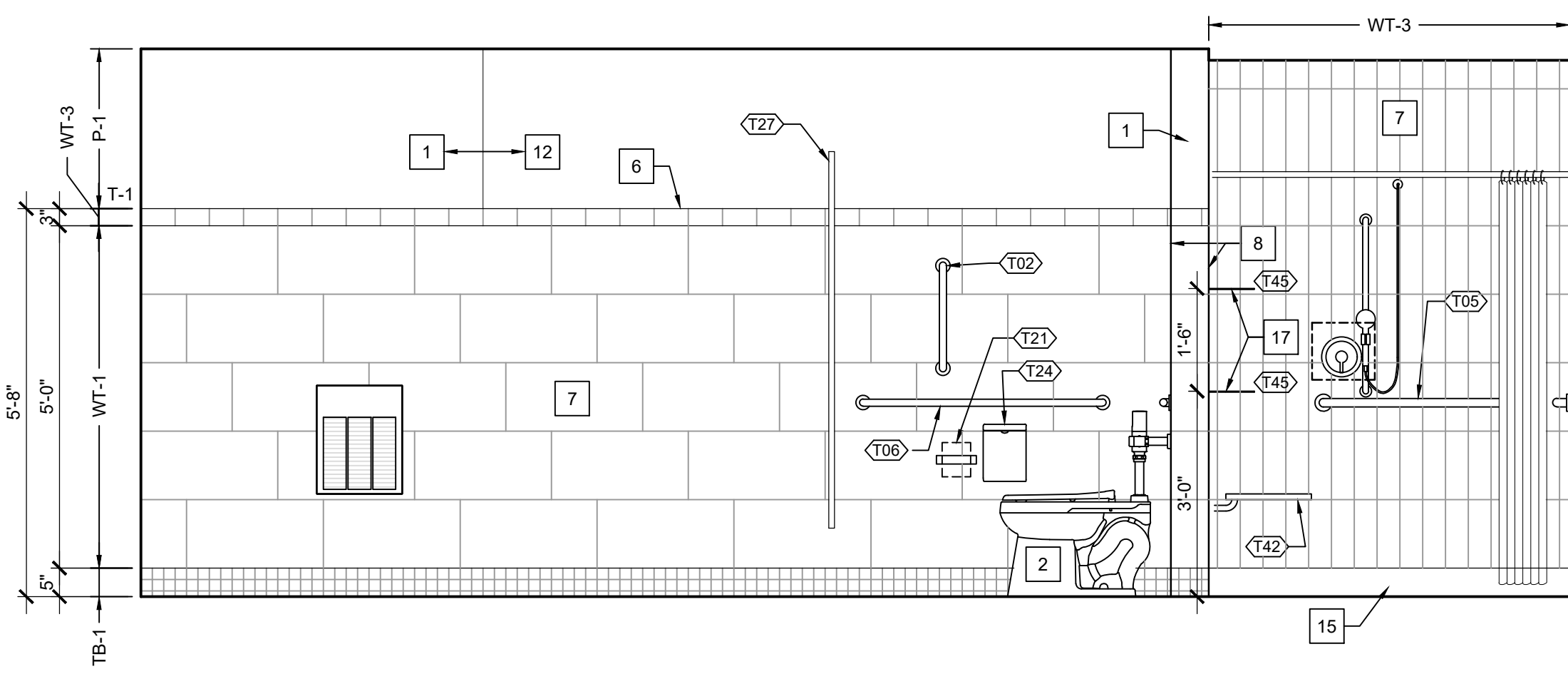
KEY PLAN
N.T.S.



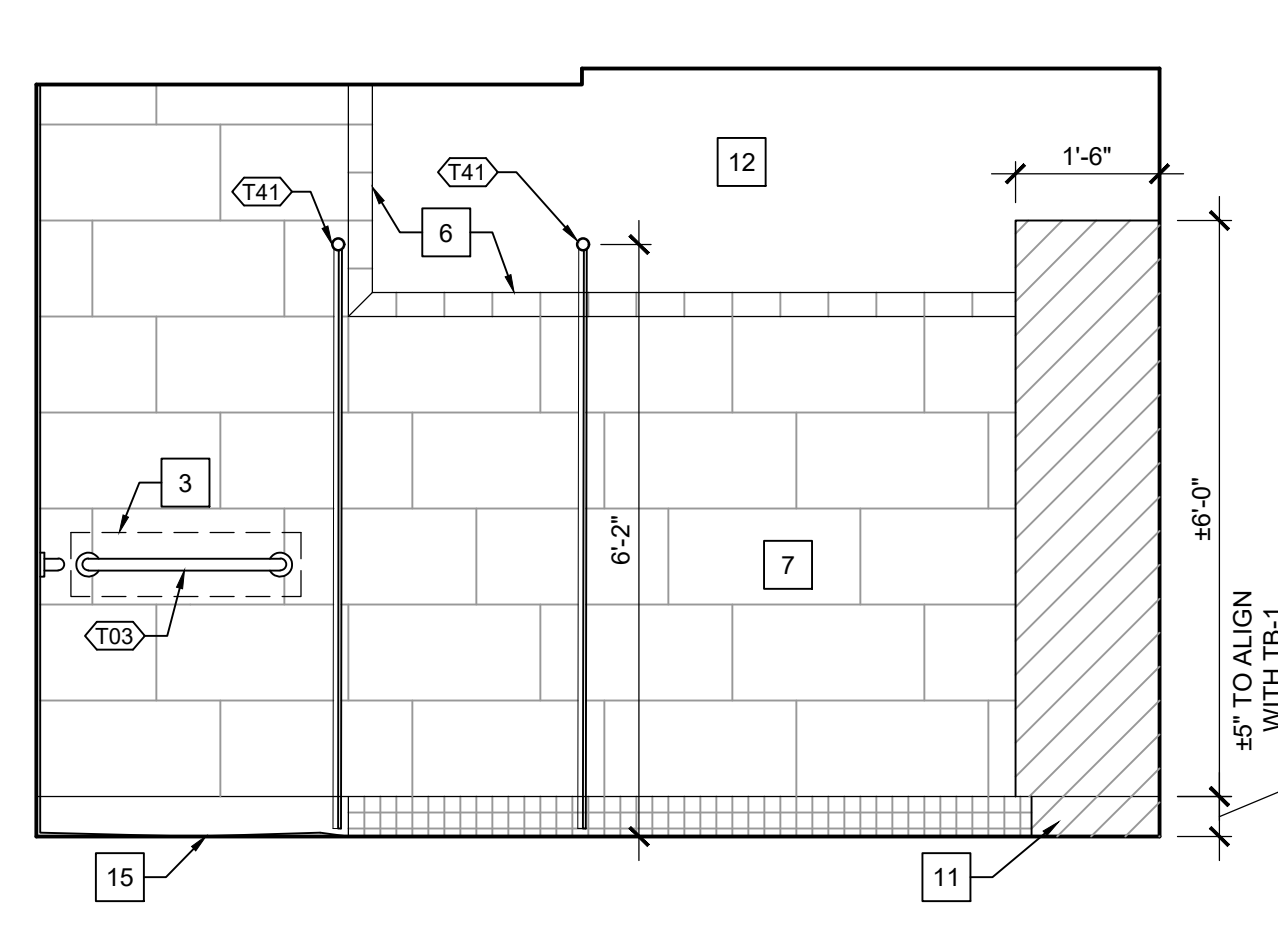
A

WOMEN'S TOILET ELEVATION (RM 105)

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



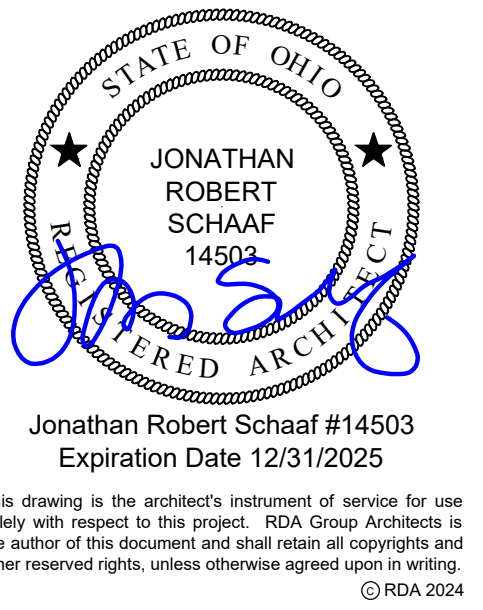
B



C

INTERIOR ELEVATION KEY NOTES

- 5/8" MOISTURE RESISTANT GYP. BD. AT ALL WALLS. PREP AND PAINT. P-1
- ACCESSIBLE FLOOR SET WATER CLOSET. NOTE THAT LEVER SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
- PROVIDE FRT 2X8 BLOCKING WHERE REQ'D AT ALL TOILET ACCESSORIES, TYPICAL. PROVIDE MASONRY ANCHORS @ CMU WALLS F.V.
- ACCESSIBLE COUNTER, LAVATORY, AND FAUCET. SS-1
- NEW LOCKERS. PENCO VANGUARD; 2 DOOR EXECUTIVE LOCKER 24X18; 6196R COLOR: GRAY- 028.
- INSTALL T-1 AT THE TILE TO GYPSUM BOARD CMU TRANSITION.
- WALL TILE- 5/8" CEMENT BOARD IN LIEU OF GYPSUM BOARD AT TILE LOCATION.
- INSTALL T-1 AT ALL OUTSIDE CORNERS.
- FLOOR SET WATER CLOSET.
- ACCESSIBLE URINAL.
- INSTALL TILE BASE OVER BUILT-UP LOCKER BASE. REFER TO DETAIL B/G1.4.
- EXPOSED CMU WALL. PAINT P-1.
- RUBBER BASE- RB-1.
- BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
- TERRAZO SHOWER BASE.
- RETURN WALL TILE TO INTERIOR CORNER.
- CORNER SHELF - SCHLUTER SHELF-E, BRUSHED STAINLESS STEEL, TRIANGULAR SHAPE, SQUARE DESIGN. INSTALL PER MANUF. SPECS.



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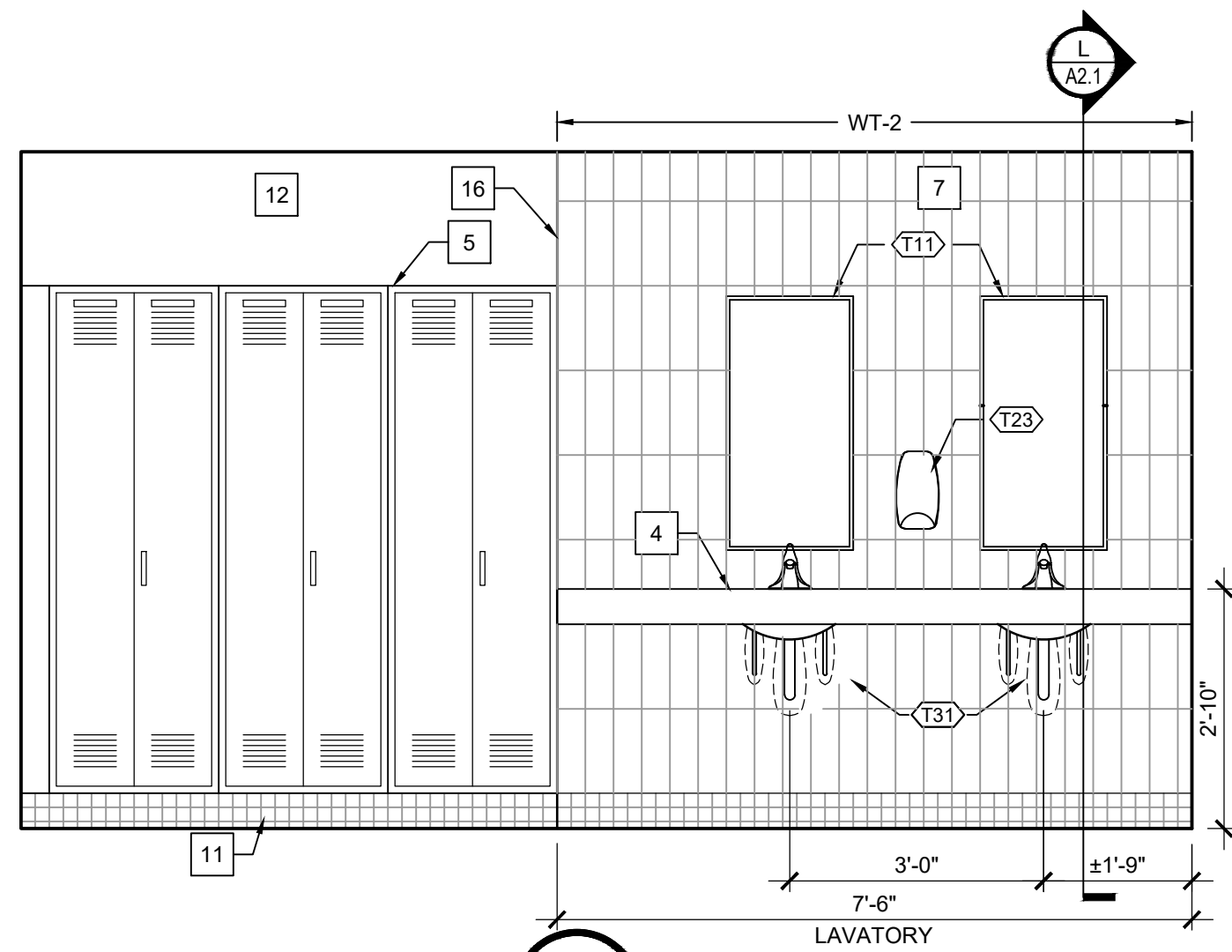
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Sheet Title
Interior Elevations

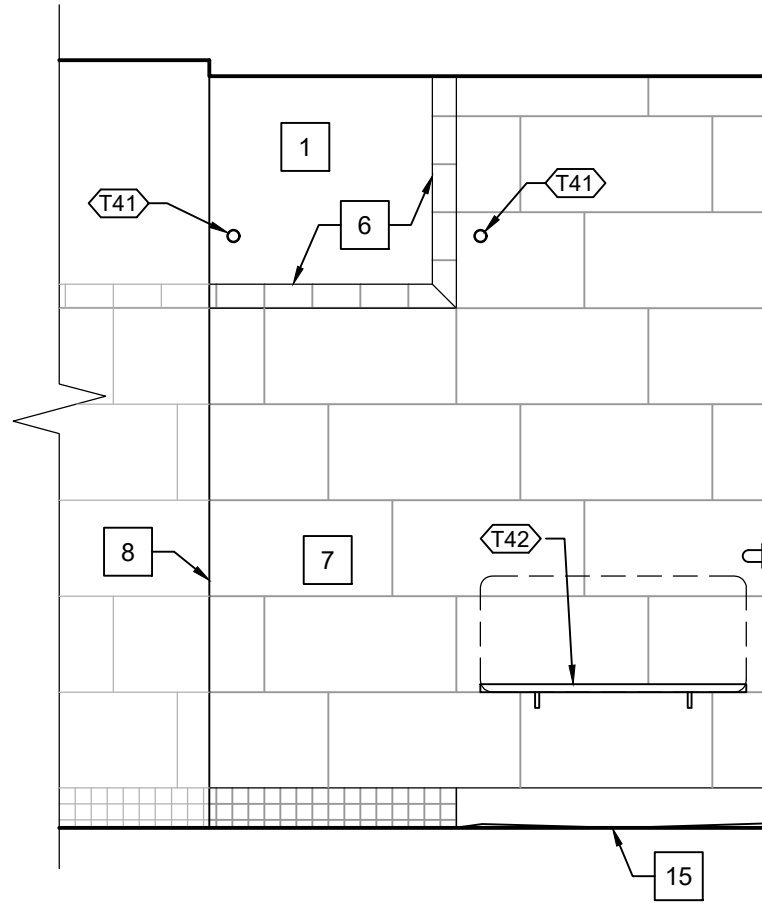
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A2.1



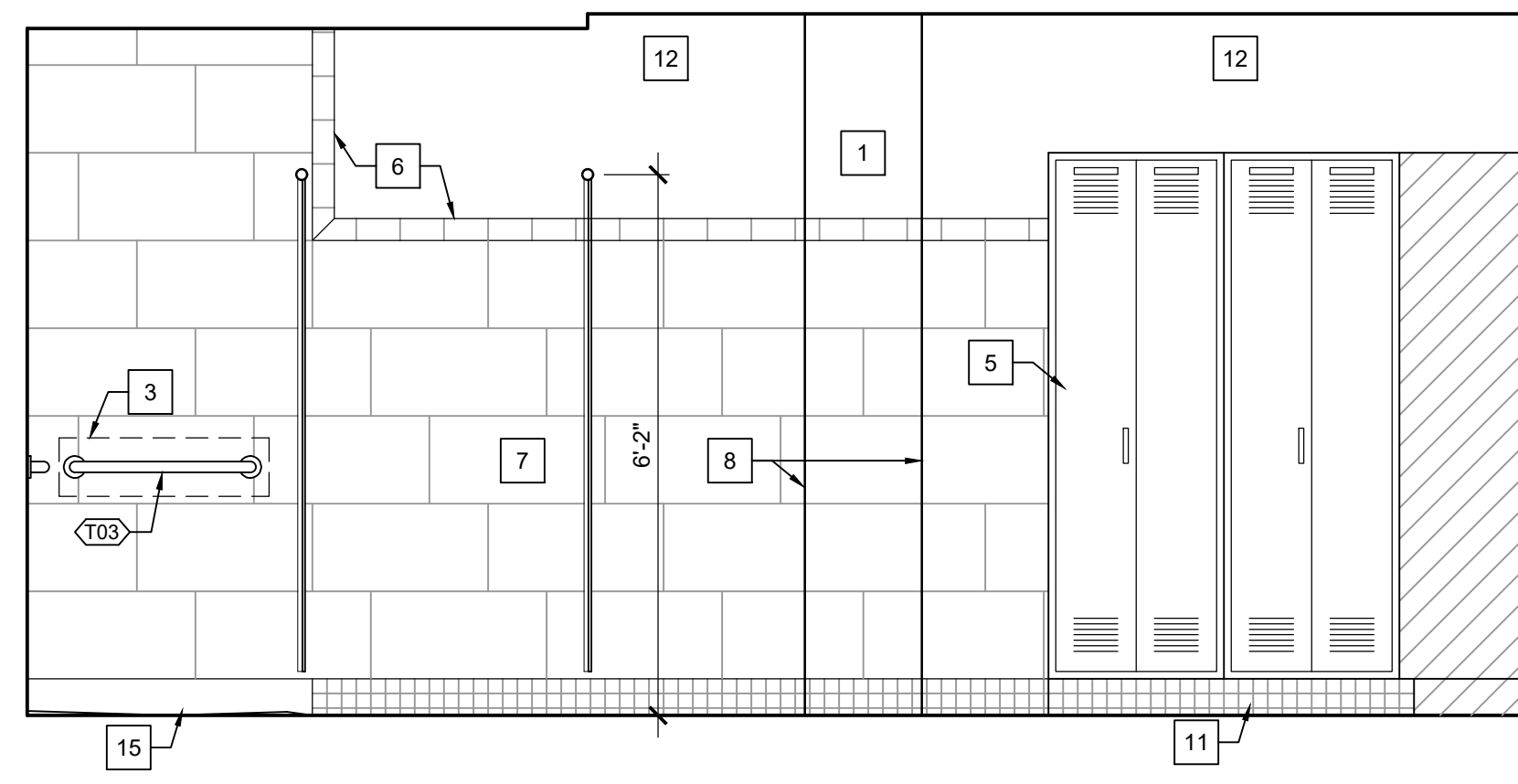
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WOMEN'S TOILET ELEVATION (RM 105)

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



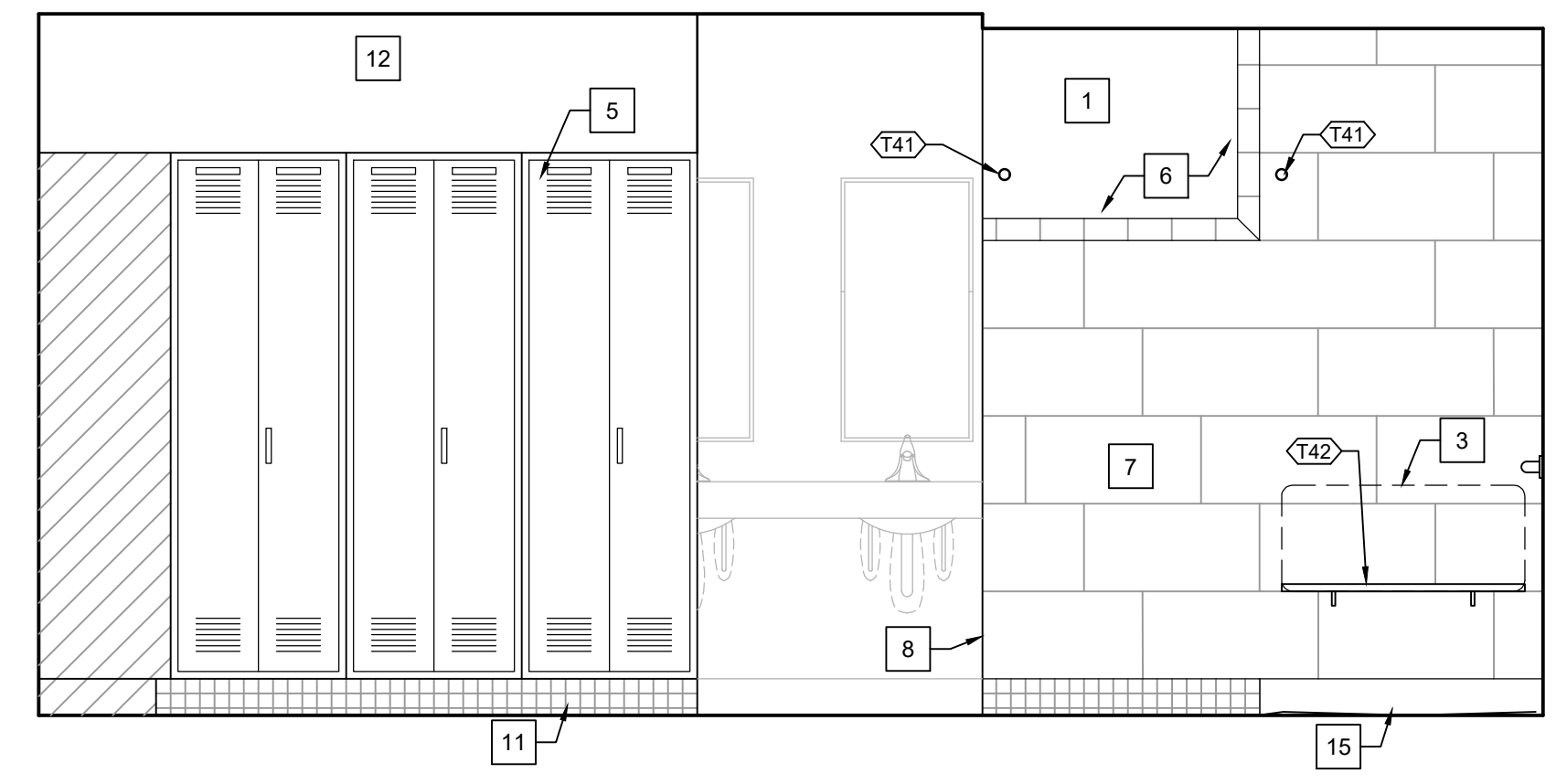
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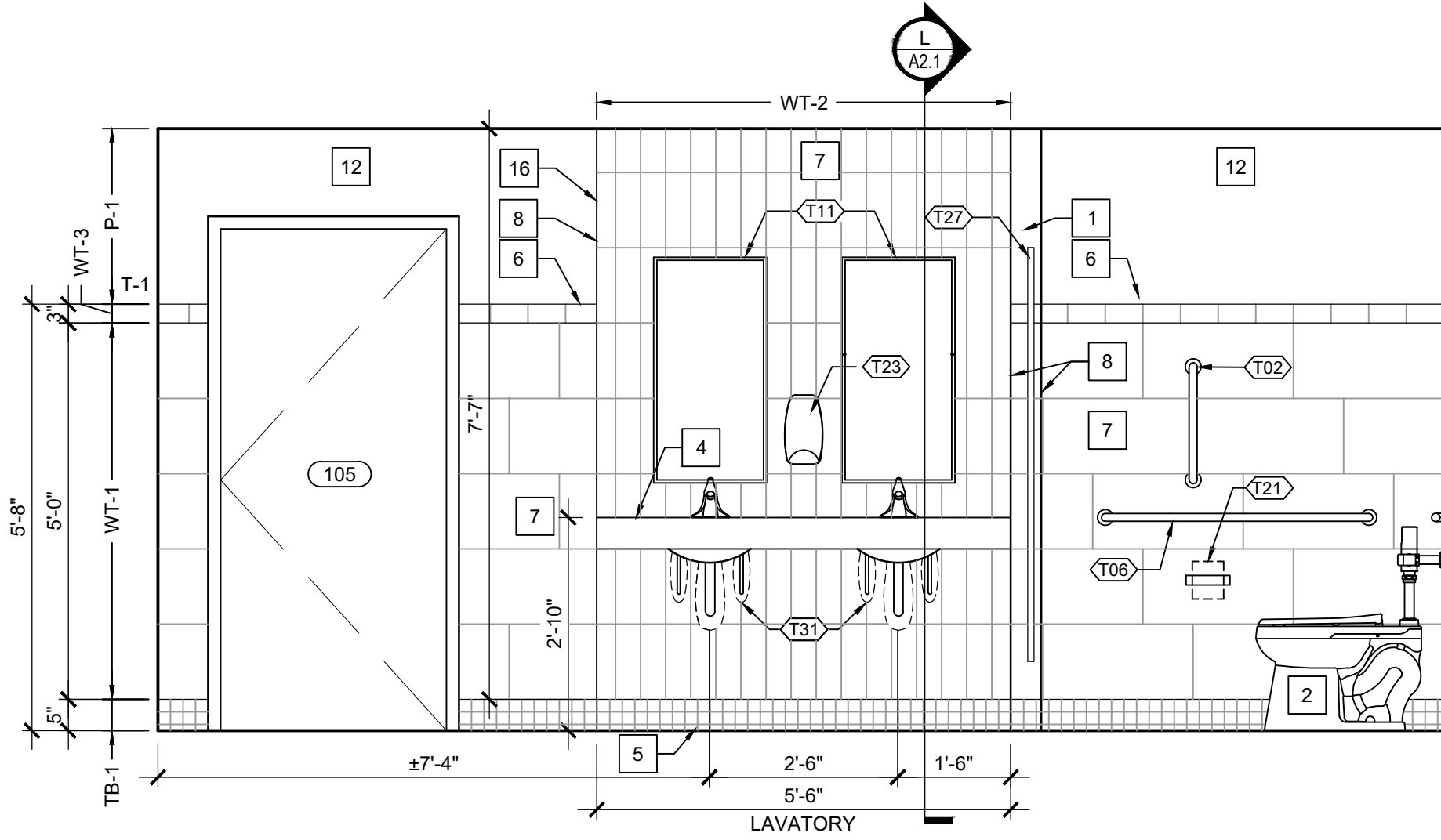
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MEN'S TOILET ELEVATION (RM #103)

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



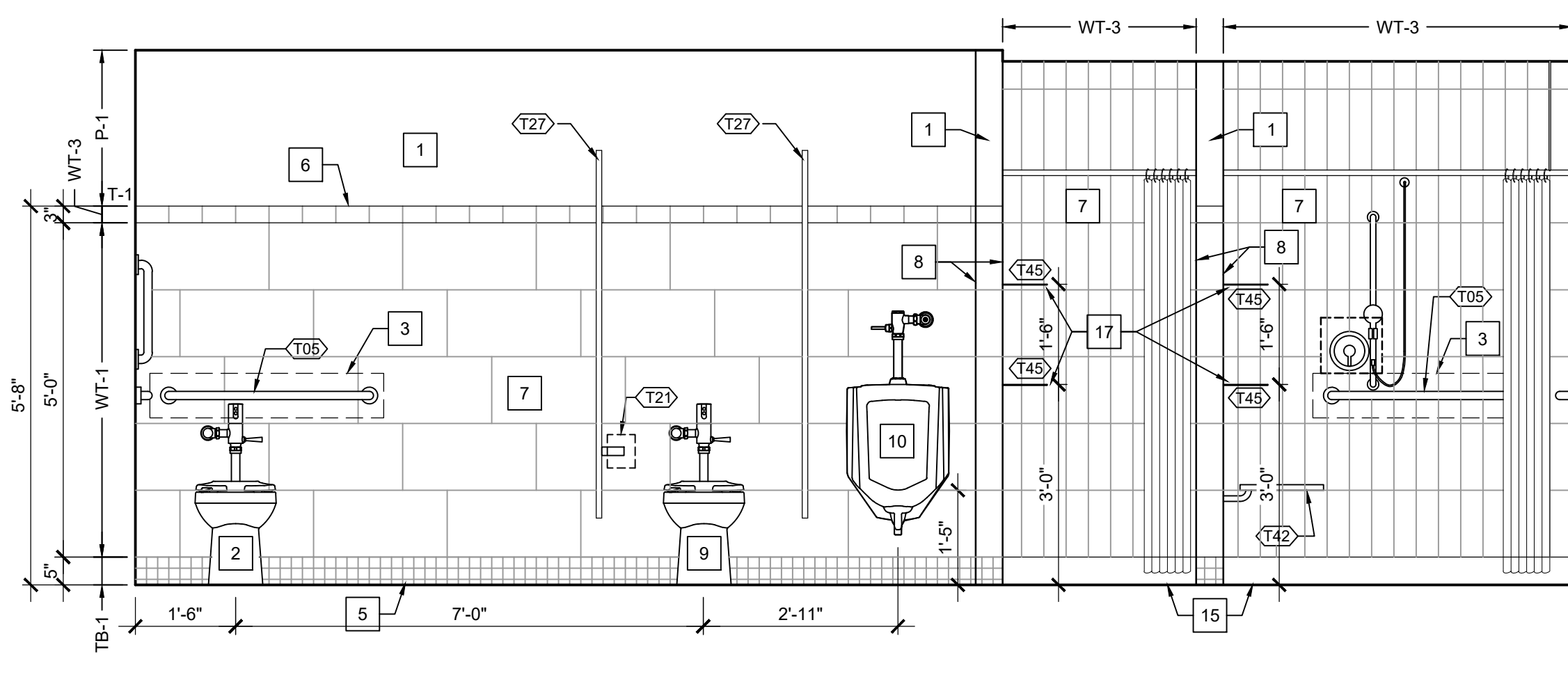
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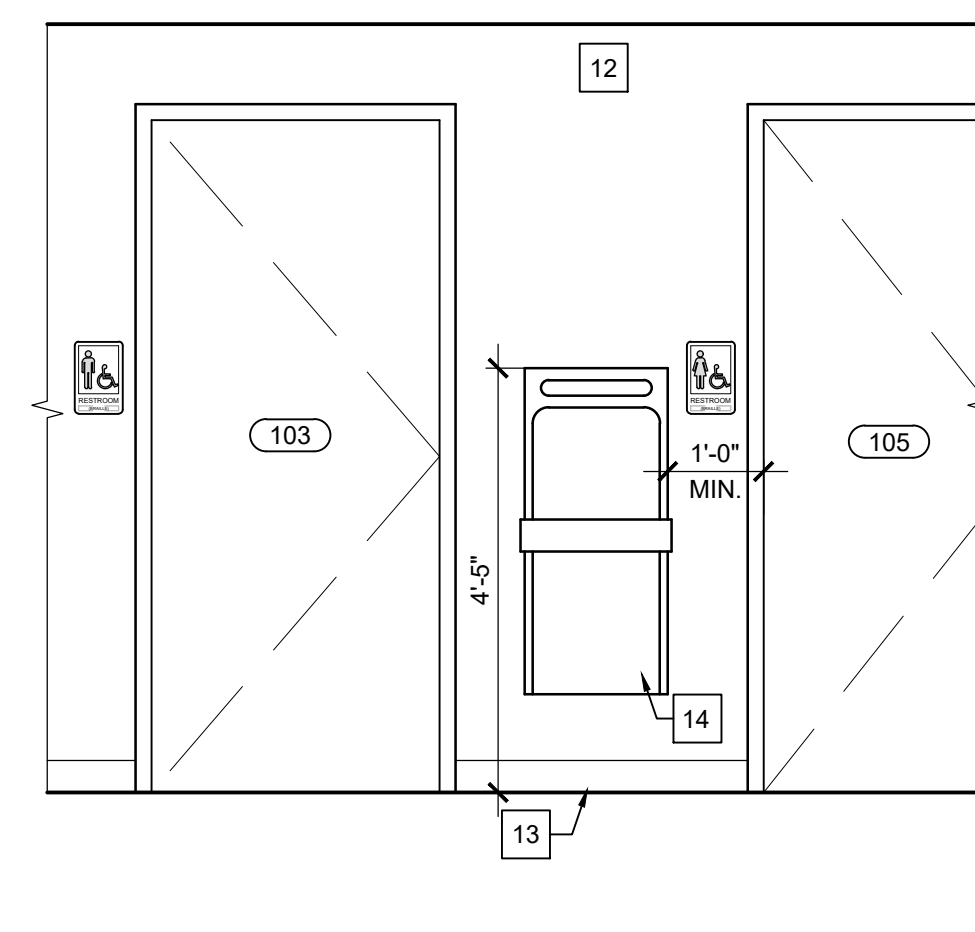
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MEN'S TOILET ELEVATION (RM #103)

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



J



K

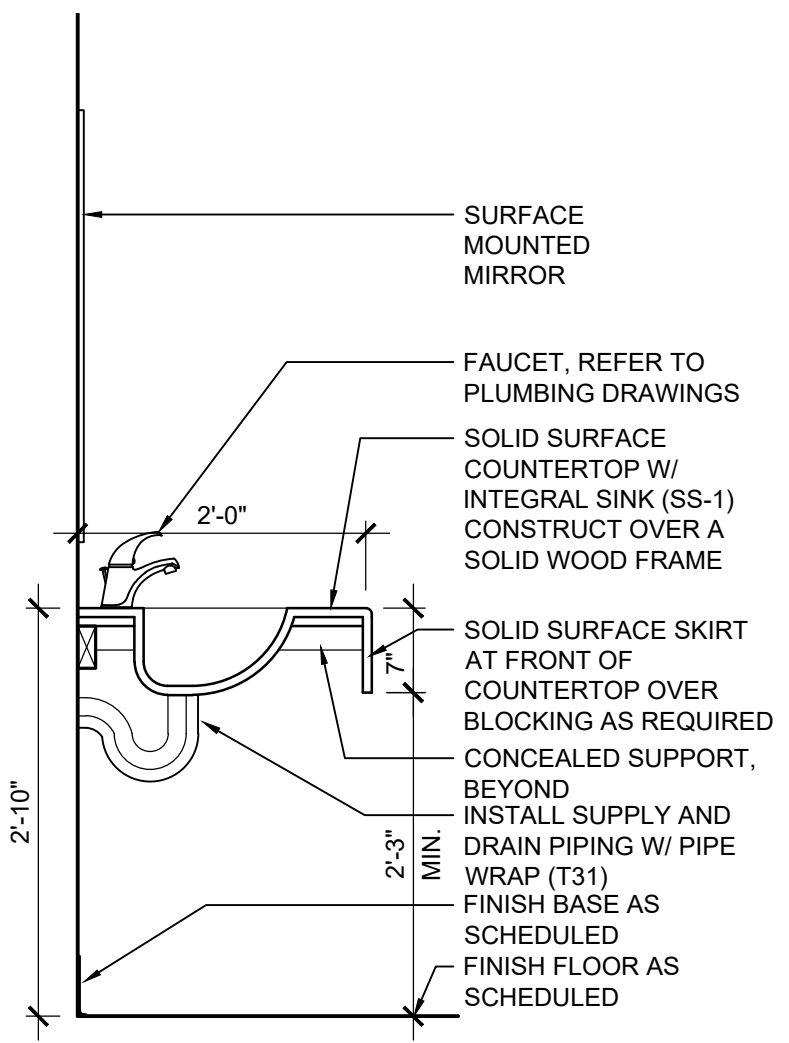
CORR. ELEV. (RM 104)

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

L

LAVATORY SECTION

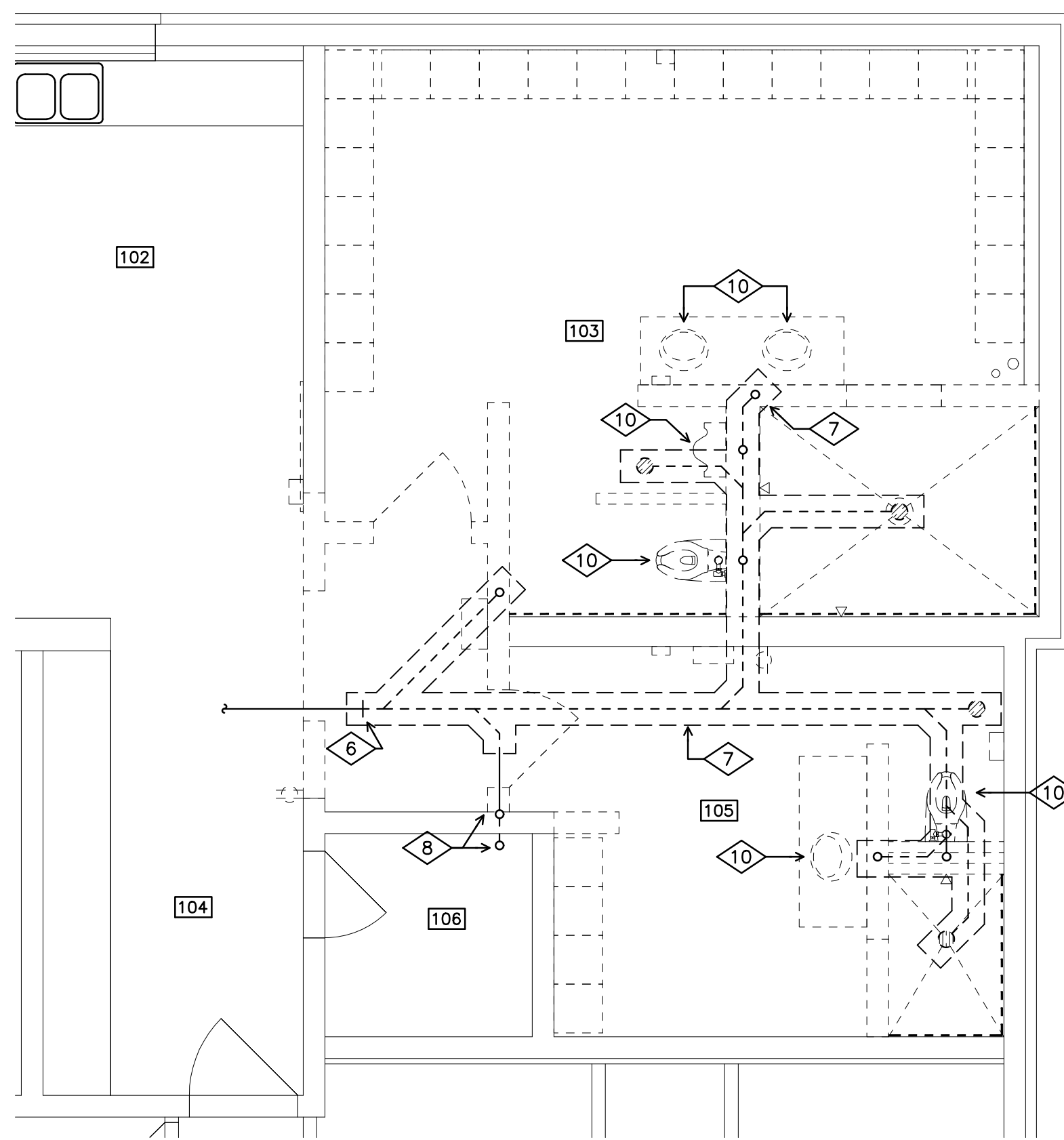
SCALE: 3/4" = 1'-0"



0 1 2 3 4

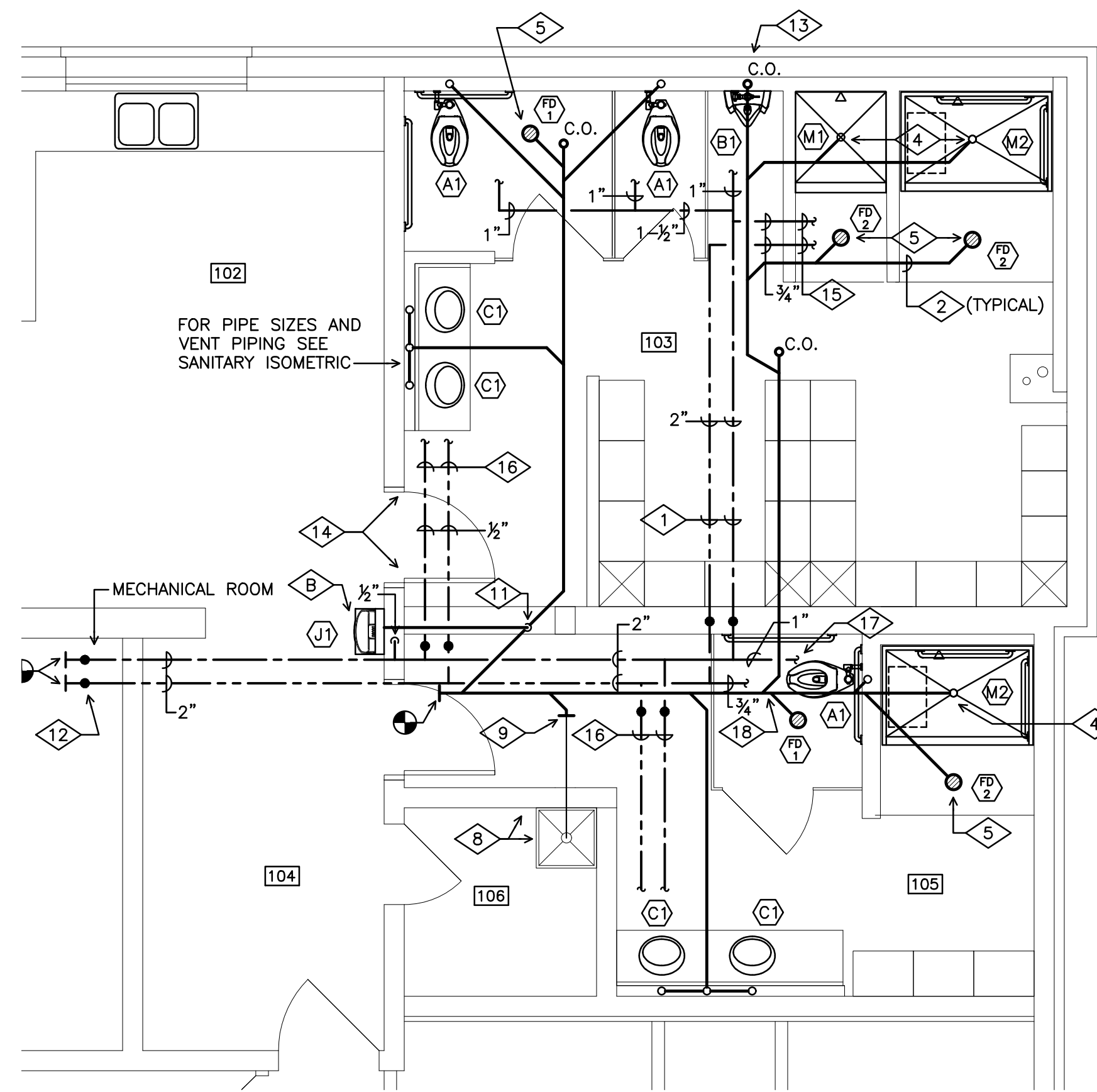
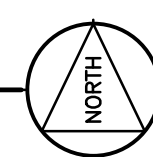
0 2 4 8

0' 6" 12" 24"



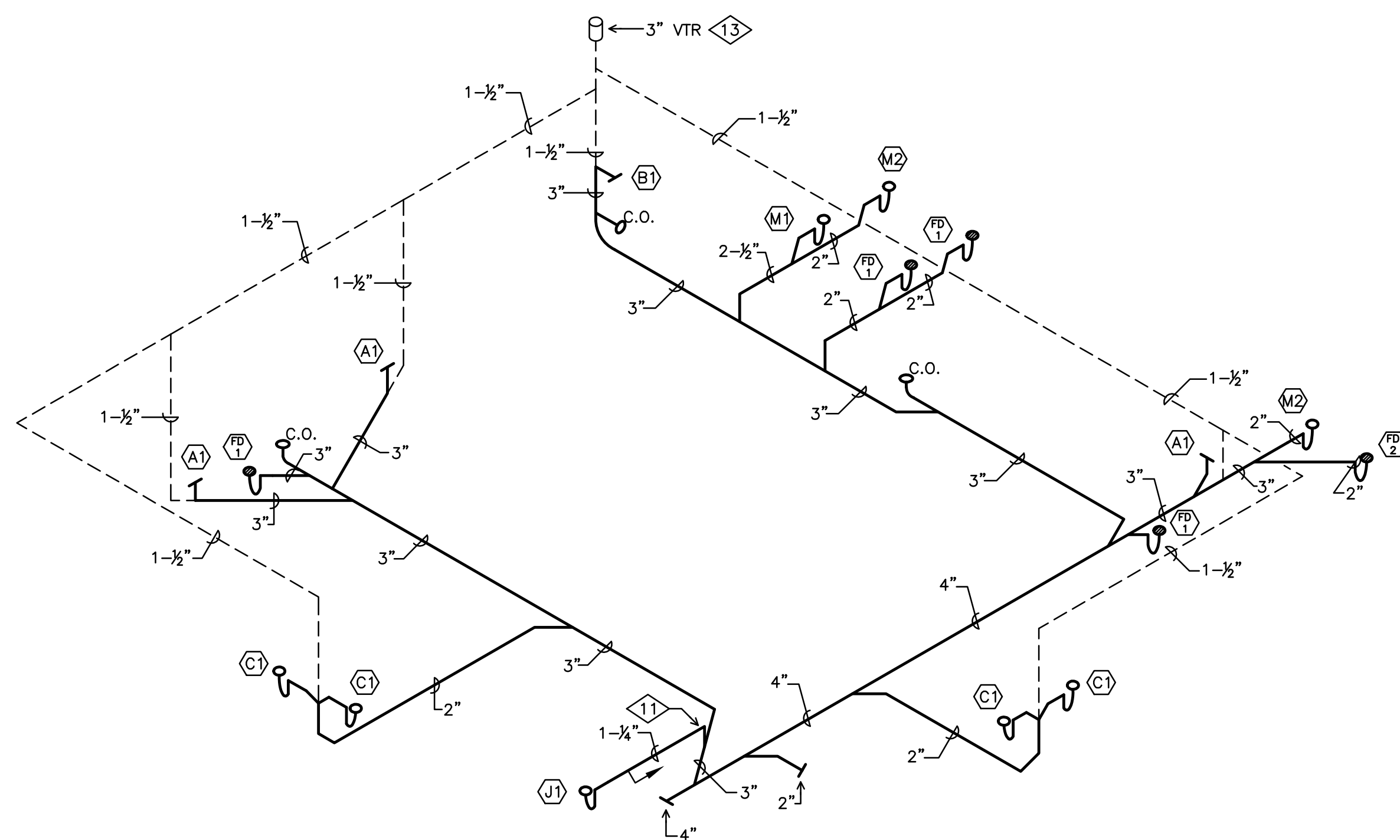
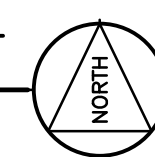
**DEMOLITION - PLUMBING
PARTIAL FIRST FLOOR PLAN**

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



**REVISED - PLUMBING
PARTIAL FIRST FLOOR PLAN**

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



**SANITARY
ISOMETRIC**

NO SCALE

ROOM INDEX

- 100 VESTIBULE
- 101 UTILITY
- 102 KITCHEN
- 103 MENS
- 104 CORRIDOR
- 105 WOMENS
- 106 JANITOR
- 107 OFFICE
- 108 CORRIDOR
- 109 DAY ROOM
- 110 NIGHT ROOM
- 111 NIGHT ROOM
- 112 NIGHT ROOM
- 113 NIGHT ROOM
- 114 STORAGE
- 115 OFFICE
- 116 OFFICE
- 117 VESTIBULE
- 118 GARAGE

PLUMBING GENERAL NOTES

- 1 THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL HORIZONTAL AND VERTICAL PIPING WITH ALL OTHER TRADES AND SHIFT LOCATION WHERE REQUIRED.
- 2 THE CONTRACTOR SHALL VERIFY ALL EXISTING SERVICES AND THEIR INVERTS BEFORE STARTING ANY WORK THAT MAY PERTAIN TO SAME SERVICE.
- 3 VERIFY ALL FIXTURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- 4 THE CONTRACTOR SHALL VERIFY PLUMBING FIXTURE MOUNTING HEIGHTS WITH ARCHITECT/ARCHITECTURAL DRAWINGS. FIXTURES REQUIRING HANDICAPPED ACCESS SHALL BE INSTALLED PER OBBC ACCESSIBILITY GUIDELINES.
- 5 THE CONTRACTOR SHALL PROVIDE SERVICE VALVES ON ALL ROUGH-INS. EACH CONNECTION TO EACH PIECE OF EQUIPMENT SHALL HAVE ITS OWN INDIVIDUAL VALVE.
- 6 ON ALL FLOOR DRAIN TRAPS, PROVIDE INLINE FLOOR DRAIN TRAP SEALER BY SURESEAL MANUFACTURING, OR EQUAL.
- 7 ALL PIPING SHALL BE INSTALLED AND SUPPORTED IN A MANNER WHICH WILL ACCOMMODATE EXPANSION.
- 8 ALL FLOOR PATCHING SHALL BE COMPLETED UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR. ALL FLOOR DRAINS SHALL BE AT LOW SPOT OF ADJACENT FLOOR.
- 9 SEE SANITARY ISOMETRIC FOR PIPE AND VENT SIZING.
- 10 SEE ARCHITECTURAL DRAWING AND SCHEDULES FOR TOILET AND SHOWER ROOM ACCESSORIES.
- 11 EXISTING DRAWINGS SHOW TOILET ROOM SLAB THICKNESS OF 5". CONTRACTOR SHALL FIELD VERIFY.
- 12 ALL SANITARY PIPING SHALL BE SLOPED MIN. 1/4" PER FOOT.
- 13 REMOVE AND REPLACE ALL HOT AND COLD WATER PIPING IN TOILET ROOM AREAS. CONNECT TO EXISTING PIPING AS SHOWN.

PLUMBING NOTES

- 1 THIS PIPING LOCATED ABOVE CEILING AND UNDER ATTIC INSULATION (TYPICAL).
- 2 THIS PIPING LOCATED BELOW FLOOR.
- 3 SEE PLUMBING FIXTURE SCHEDULE FOR SIZE OF PIPING CONNECTIONS (TYPICAL).
- 4 SHOWER DRAIN PROVIDED BY TERRAZO BASE MANUFACTURER.
- 5 FLOOR DRAIN BY PLUMBING CONTRACTOR. SEE DRAIN SCHEDULE.
- 6 REMOVE UNDERGROUND PIPING TO THE POINT AND ROD OUT AND PRESSURE TEST EXISTING PIPING TO BE REUSED.
- 7 DASHED LINES INDICATE APPROXIMATE AREAS OF SLAB TO BE REMOVED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- 8 EXISTING SERVICE SINK AND PIPING TO REMAIN.
- 9 CONNECT EXISTING LINE FROM SERVICE SINK TO NEW SANITARY LINE.
- 10 DISCONNECT WATER AND SANITARY PIPING AND REMOVE FIXTURES AS SHOWN.
- 11 DROP DRAIN LINE FROM DRINKING FOUNTAIN INTO TOP OF SANITARY AT THIS POINT.
- 12 PROVIDE NEW 2" HOT WATER SUPPLY AND RETURN LINES AND CONNECT TO MAINS IN MECHANICAL ROOM.
- 13 OFFSET VENT IN ATTIC SPACE AND EXTEND 3" VENT THRU ROOF.
- 14 FIRE PROTECTION NOTE: PROVIDE NEW SPRINKLER HEADS AND ESCUTCHEONS AND REVISE SPRINKLER SYSTEM PIPING WITHIN CONTRACT LIMITS AS REQUIRED TO ACCOMMODATE REVISED WALL AND CEILING CONDITIONS. SEE DEMOLITION FLOOR PLAN ON E1.1 EXISTING HEAD LOCATIONS.
- 15 EXTEND 3/4" HOT AND COLD WATER LINES AND CONNECT TO SHOWER MIXING VALVES.
- 16 EXTEND 1/2" HOT AND COLD WATER LINES AND CONNECT TO LAVATORY FAUCETS.
- 17 EXTEND 1" COLD WATER LINE TO WATER CLOSET AND 3/4" LINE TO SHOWER MIXING VALVE.
- 18 EXTEND 3/4" HOT WATER LINE AND CONNECT TO SHOWER MIXING VALVE.

PLUMBING LEGEND

- COLD WATER SUPPLY
- HOT WATER SUPPLY - 110°
- HOT WATER RETURN - 110°
- SANITARY PIPING
- NEW CONNECTION TO EXISTING PIPING
- CAP PIPING
- DIRECTION OF FLOW
- PITCH OF PIPE
- BALL VALVE
- REDUCER
- FLOOR DRAIN
- CLEANOUT - FLOOR
- CLEANOUT - WALL
- ⓐ FIXTURE DESIGNATION - SEE FIXTURE SCHEDULE
- Ⓟ DRAIN DESIGNATION - SEE DRAIN SCHEDULE
- 100 ROOM NUMBER DESIGNATION
- VTR VENT THRU ROOF
- INDICATES RISE IN PIPE
- INDICATES DROP IN PIPE
- ① DESIGNATES REFERENCE TO PLUMBING NOTES
- ② DESIGNATES REFERENCE TO DETAIL
- NEW CONNECTION TO EXISTING

PLUMBING FIXTURE SCHEDULE

REF	DESCRIPTION	SUPPLIES				
		HOT	COLD	WASTE	TRAP	VENT
A1	WATER CLOSET AUTOMATIC FLUSH	---	1	3	INT	1-1/2
B1	URINAL- WALL MOUNTED	---	1	2	INT	1-1/2
C1	LAVATORY-COUNTERTOP	1/2	1/2	1-1/2	1-1/2	1-1/2
J1	WATERCOOLER	---	1/2	1-1/4	1-1/4	1-1/2
M1	SHOWER	3/4	3/4	2	2	1-1/2
M2	ADA SHOWER	3/4	3/4	2	2	1-1/2

NOTE: SEE ARCHITECTURAL DRAWINGS TO VERIFY ALL FIXTURE MOUNTING HEIGHTS

FLOOR DRAIN SCHEDULE

REF.	ZURN CATALOG NO.	OUTLET SIZE	OUTLET TYPE	TOP		
				SIZE	TYPE	OPTIONS
FD-1	ZN507	3	D	7	A	
FD-2	FD2-PV2	2	D	5	A	

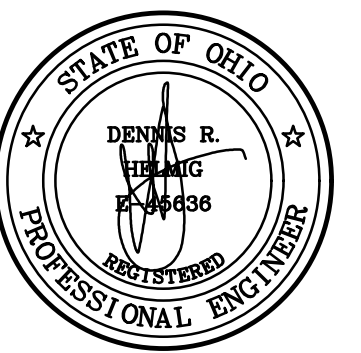
PROVIDE INLINE FLOOR DRAIN SEALER ON ALL FLOOR DRAINS. SEE PLUMBING GENERAL NOTE 6.

PLUMBING EQUIPMENT DATA

- A TEMPERING VALVE
ASSE 1070 LISTED LAVATORY TEMPERING VALVE TO LIMIT WATER TEMPERATURE TO 110 DEG F. LAWLOR MODEL "TMM-107087500" OR EQUAL BY WATTS UNDER SINK THERMOSTATIC MIXING VALVE.
- B ADA BOTTLE FILLER (J1)
REFRIGERATED FILTERED WATER BOTTLE FILLING STATION. ELKAY #EZ8WSSMC OR EQUAL BY HALSEY-TAYLOR OR OASIS.

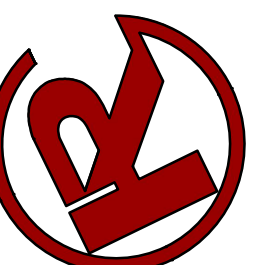
PLUMBING SHEET INDEX

P1.1 FLOOR PLANS, LEGEND, SCHEDULES, NOTES & EQUIPMENT DATA



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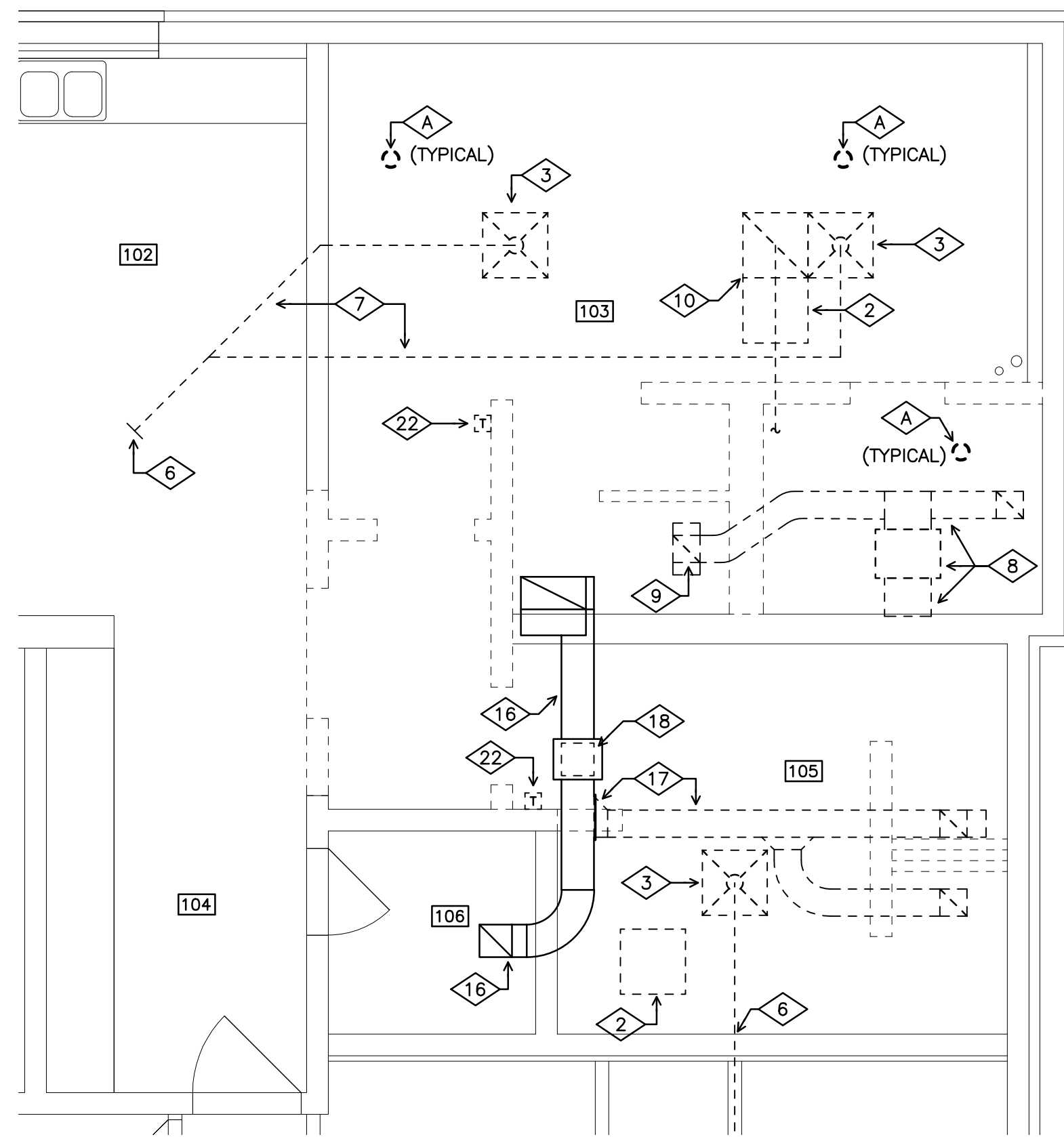
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Project Number	
2024-070 / HL#6782	
Date	
July 09, 2024	
Date	Issue
04.26.24	Asbuilt
08.22.24	FINAL REVIEW
09.23.24	FINAL REVIEW
10.01.24	BID/CONSTRUCTION

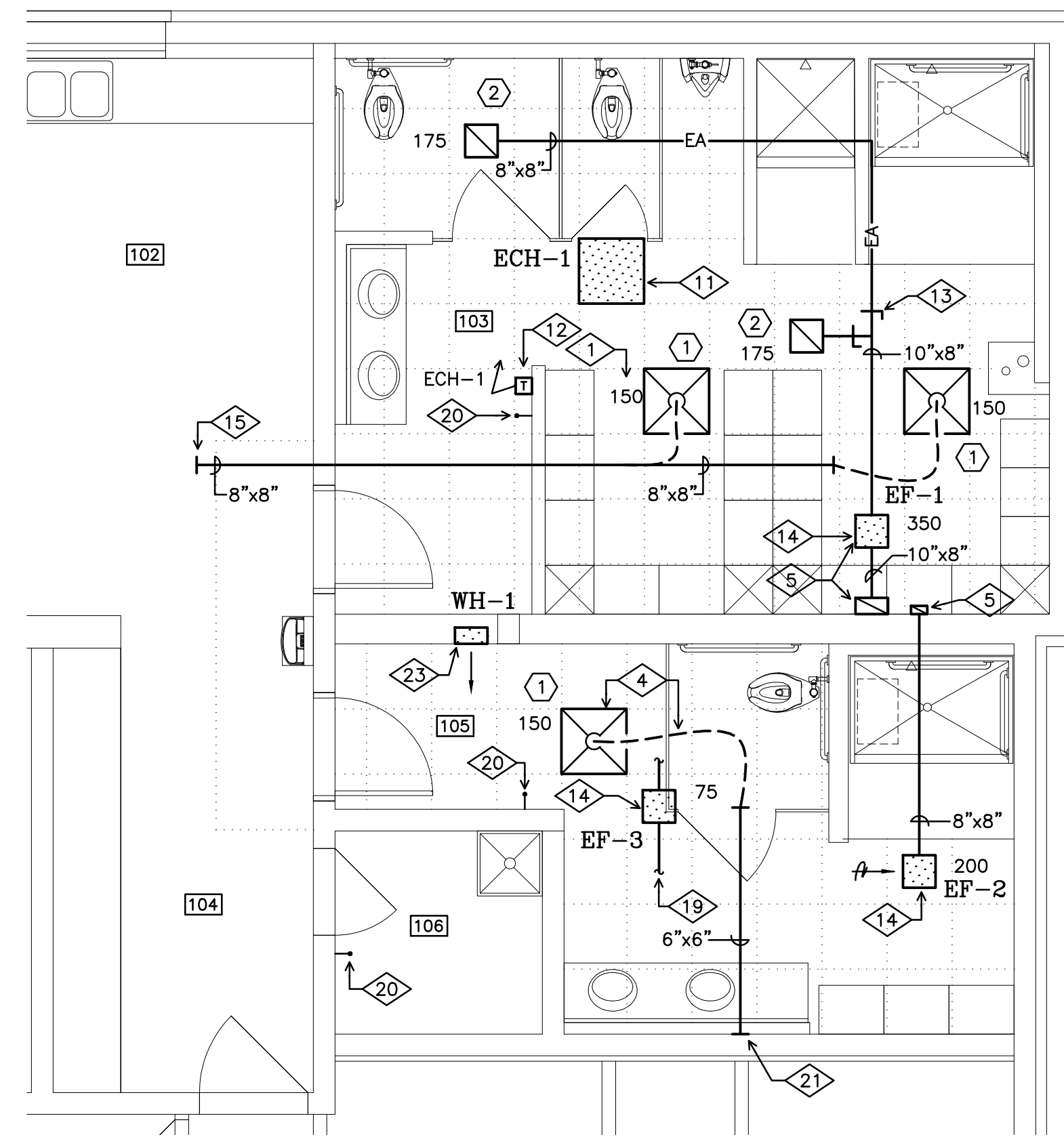
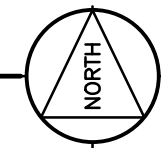
Sheet Title
Floor Plans, Legend, Schedules, Notes & Equipment Data

Sheet Number

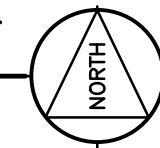
P1.1



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



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



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HVAC LEGEND

DUCTWORK:

- SUPPLY AIR DEVICE
- EXHAUST AIR DEVICE

MISCELLANEOUS:

- THERMOSTAT
- DISCHARGE AIR
- EXHAUST OR INTAKE AIR
- ROOM NUMBER
- NOTE SYMBOL
- AIR DEVICE SYMBOL

HVAC GENERAL NOTES

- 1 WHERE REFERENCE IS MADE TO AN EXISTING PIPE, DUCT, OR PIECE OF EQUIPMENT, CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, MODEL NUMBER, AND LOCATION PRIOR TO FABRICATION AND/OR ORDERING MATERIALS.
- 3 THE LOCATION OF EXISTING MECHANICAL EQUIPMENT AND DUCTWORK SHOWN ON THESE DRAWINGS IS SHOWN IN ITS APPROXIMATE LOCATION AND IS DIAGRAMMATIC AND MUST BE FIELD VERIFIED.
- 4 COORDINATE THE LOCATION OF ALL PIPING, DUCTS, ETC. WITH ALL OTHER TRADES AND SHIFT LOCATION OR OFFSET WHERE NECESSARY.
- 5 ALL DUCTWORK AND PIPING TO BE INSTALLED ABOVE CEILING.
- 6 UNLESS OTHERWISE SHOWN, FLEX DUCTS SHALL BE PRE-INSULATED AND SIZED AS SHOWN ON AIR DEVICE SCHEDULE.
- 7 ALL SUPPLY AIR DEVICES SHALL BE 4-WAY DEFLECTION, UNLESS OTHERWISE NOTED BY AIRFLOW DIRECTIONAL ARROWS.
- 8 FOR EXACT LOCATION OF ALL AIR DEVICES, COORDINATE WITH LIGHTING AND REFLECTED CEILING PLANS.
- 9 UNLESS OTHERWISE SHOWN ON THE ELECTRICAL DRAWINGS, TEMPERATURE CONTROLS CONTRACTOR (TCC) SHALL PROVIDE ALL LOW VOLTAGE AND INTERLOCK WIRING TO THERMOSTATS, ETC.

HVAC NOTES

- 1 NUMBER INDICATES AIR BALANCE QUANTITY IN CFM (TYPICAL).
- 2 REMOVE AND REPLACE ELECTRIC HEATER.
- 3 REMOVE EXISTING AIR DEVICE AND FLEX DUCT.
- 4 PROVIDE NEW AIR DEVICE AND FLEX CONNECTER (TYPICAL).
- 5 PROVIDE FLEX CONNECTOR AT FAN INLET AND OUTLET AND EXTEND NEW EXHAUST DUCT UP TO EXISTING LOUVER. PROVIDE 1-1/2" FOIL FACED BLANKET TYPE INSULATION ON EXHAUST DUCT BETWEEN FAN OUTLET AND LOUVER.
- 6 REMOVE DUCTWORK / FLEX DUCT BACK TO THIS POINT.
- 7 REMOVE DUCTWORK / FLEX DUCT SHOWN WITH DASHED LINES (TYPICAL).
- 8 AFTER DISCONNECTION BY ELECTRICAL CONTRACTOR, REMOVE EXHAUST DUCT, EXHAUST AIR DEVICE AND ALL EXHAUST DUCTWORK.
- 9 REMOVE EXHAUST AIR DEVICE AND SHEETMETAL PLENUM.
- 10 REMOVE EXHAUST AIR DEVICE.
- 11 NEW CEILING MOUNTED ELECTRIC CEILING HEATER. SEE EQUIPMENT DATA.
- 12 THERMOSTAT FURNISHED WITH ELECTRIC CEILING HEATER.
- 13 DUCT MOUNTED VOLUME DAMPER (TYPICAL).
- 14 NEW EXHAUST FAN. SEE EQUIPMENT DATA.
- 15 CONNECT NEW 8" X 8" INSULATED SUPPLY DUCT TO MAIN NEAR THIS POINT.
- 16 EXISTING EXHAUST DUCTWORK TO REMAIN.
- 17 REMOVE EXHAUST DUCT AND PROVIDE SHEET METAL PATCH IN SIDE OF DUCT TO COVER OPENING AFTER DUCT REMOVAL.
- 18 REMOVE AND REPLACE EXHAUST FAN.
- 19 PROVIDE TRANSITIONS, FLEXIBLE CONNECTORS, AND CONNECT EXISTING DUCTWORK TO NEW EXHAUST FAN. REUSE EXISTING EXHAUST LOUVER.
- 20 TOGGLE SWITCH WITH PILOT LIGHT PROVIDED WITH EXHAUST FAN PACKAGE.
- 21 CONNECT NEW DUCTWORK TO EXISTING AT THIS POINT AND EXTEND OVER TO NEW SUPPLY AIR DEVICE.
- 22 FIELD VERIFY LOCATION AND REMOVE EXISTING ELECTRIC HEATER THERMOSTAT AND WIRING.
- 23 PROVIDE ELECTRIC WALL HEATER. SEE EQUIPMENT DATA.

FIRE PROTECTION NOTE

- A REVISE EXISTING SPRINKLER SYSTEM WITHIN CONTRACT LIMITS AS REQUIRED TO ACCOMMODATE REVISED WALL AND CEILING CONDITIONS. SEE ARCHITECTURAL DRAWINGS AND VERIFY EXACT REQUIREMENTS AT JOB SITE.

HVAC SHEET INDEX

H1.1 FLOOR PLANS, LEGEND, SCHEDULE, NOTES & EQUIPMENT DATA

EQUIPMENT DATA

EXHAUST FANS

MARK **EF-1**
 SERVES..... MEN'S LOCKER ROOM
 TYPE CEILING
 CAPACITY 350 CFM @ 0.50" SP
 FAN MOTOR 1/4 HP
 FAN RPM 1,350
 ELECTRICAL SEE ELECTRICAL DRAWINGS
 ACCESSORIES SPEED CONTROL FOR BALANCING
 MFR. & MOD. # GREENHECK "CSP-A390"
 OR EQUAL BY COOK

MARK **EF-2**
 SERVES..... WOMEN'S LOCKER ROOM
 TYPE CEILING
 CAPACITY 200 CFM @ 0.38" SP
 FAN MOTOR 1/10 HP
 FAN RPM 1,000
 ELECTRICAL SEE ELECTRICAL DRAWINGS
 ACCESSORIES SPEED CONTROL FOR BALANCING
 MFR. & MOD. # GREENHECK "SP-A250"
 OR EQUAL BY COOK

MARK **EF-3**
 SERVES..... JANITORS CLOSET
 TYPE CEILING
 CAPACITY 75 CFM @ 0.38" SP
 FAN MOTOR 1/20 HP
 FAN RPM 950
 ELECTRICAL SEE ELECTRICAL DRAWINGS
 ACCESSORIES TOGGLE SWITCH WITH PILOT LIGHT
 MFR. & MOD. # GREENHECK "CSP-A110"
 OR EQUAL BY COOK

CEILING HEATER

MARK **ECH-1**
 SERVES..... MEN'S LOCKER ROOM
 TYPE ELECTRIC FAN FORCED
 MOUNTING..... FULLY RECESSED IN CEILING GRID
 COLOR..... WHITE
 CFM..... 300
 CAPACITY (INPUT/OUTPUT) ... 4 KW / 13.6 MBH
 ELECTRICAL SEE ELECTRICAL DRAWINGS
 ACCESSORIES..... THERMOSTAT, DISCONNECT SWITCH
 MFR. & MOD. # QMARK "CDF548", OR EQUAL BY BERKO

WALL HEATER

MARK **WH-1**
 SERVES..... WOMEN'S LOCKER ROOM
 TYPE ELECTRIC FAN FORCED
 MOUNTING..... RECESSED IN WALL
 COLOR..... WHITE
 CFM..... 100
 CAPACITY (INPUT/OUTPUT) ... 1.5 KW / 5.1 MBH
 ELECTRICAL SEE ELECTRICAL DRAWINGS
 ACCESSORIES..... THERMOSTAT, DISCONNECT SWITCH
 MFR. & MOD. # BERKO "FRA4024"

AIR DEVICE SCHEDULE											
TYPE			FINISH			MISCELLANEOUS					
1...CEILING DIFFUSER	9...BACKDRAFT DAMPER	20...STANDARD ALUMINUM	30...VOLUME DAMPER								
2...LOUVERED SUPPLY GRILLE	10...LINEAR BAR GRILLE-SUPPLY	21...WHITE ENAMEL	31...RADIAL VOLUME DAMPER								
3...PANEL TYPE CEILING DIFFUSER	11...ALUM. EXH. LOUVER (ADJ.)	22...STANDARD	32...BIRD SCREEN								
4...ALUMN. ADJUSTABLE AIR PATTERN	12...DOUBLE DEFL. SUPPLY REG.	23...ETCHED & LACQUERED	33...ADJUSTABLE AIR PATTERN								
5...STEEL BAR GRILLE - TRANSFER	13...ALUMINUM EGG CRATE	24...COLOR BY OWNER	34...GRAVITY DAMPER OPENS								
6...EXTERIOR WALL LOUVER	14...ALUM. INTAKE LOUVER	25...ENAMEL-STD COLOR	35...MOTOR OPERATED DAMPER								
7...LINEAR SLOT DIFFUSER	15...ALUMINUM EGG CRATE	26...PRIME COAT FOR PAINTING BY OTHERS									
8...INSUL. PLENUM SLOT DIFFUSER	16...ALUMINUM BD. DAMPER										
MARK	DEVICE SIZE	NECK SIZE	DUTY	CFM	TYPE	MFR.	MODEL No.	FINISH	MISC.	CLG.MTGH.	NOTES
1	24" X 24"	8" DIA.	SUPPLY	150	4	PRICE	ASGDA	20	30	CEILING	
2	8" X 8"	8" X 8"	EXHAUST	175	15	PRICE	80DAL	20	30	CEILING	



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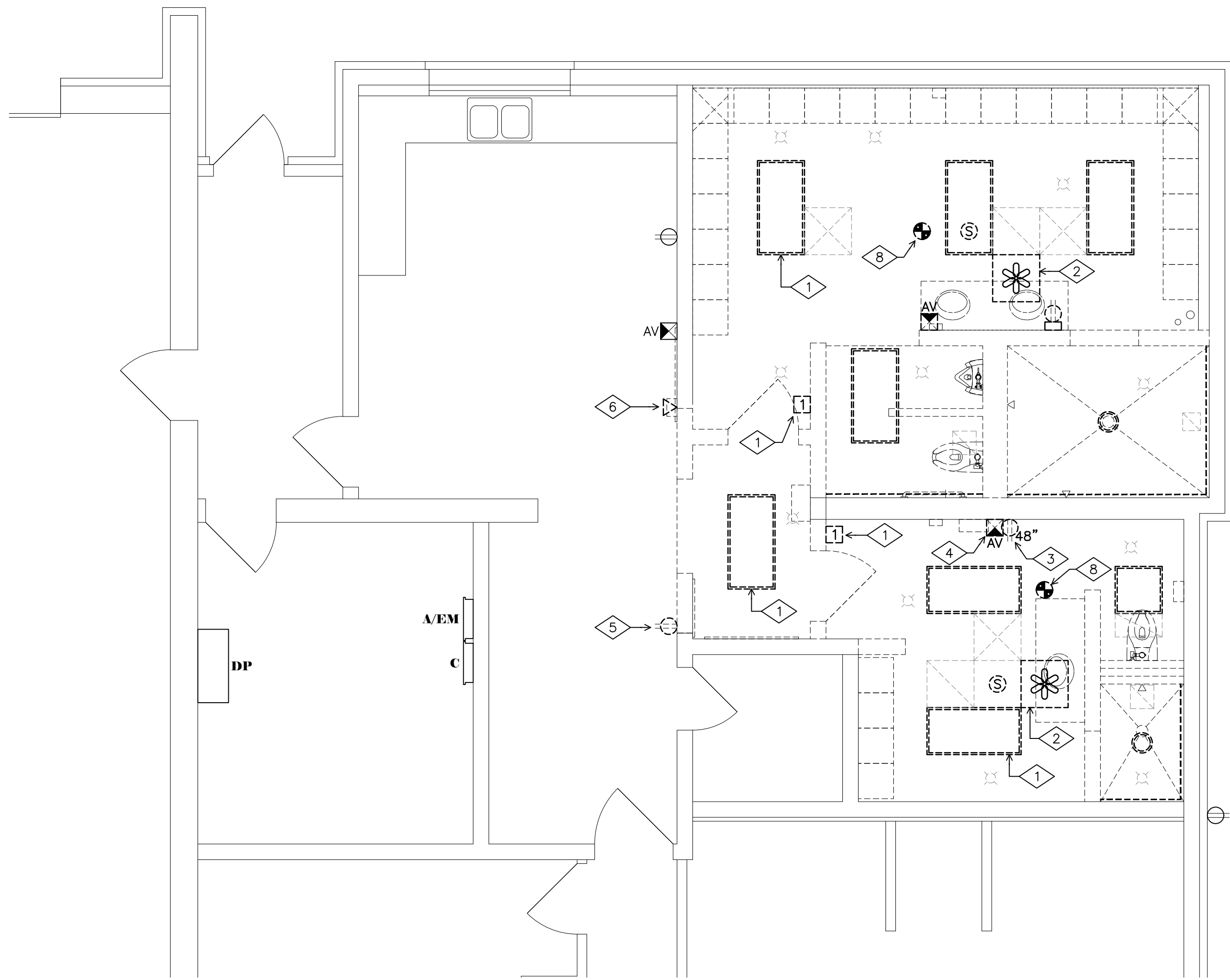
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Sheet Title
 Floor Plans, Legend, Schedule, Notes & Equipment Data.

Sheet Number

H1.1



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

DEMOLITION FLOOR PLAN NOTES

- 1 TYPICAL...DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES, ASSOCIATED CONDUIT, WIRE AND SWITCHES.
- 2 DISCONNECT EXISTING ELECTRIC CEILING HEATER. REMOVE CONDUIT AND WIRE NOT BEING USED FOR NEW EQUIPMENT. MARK BREAKER C-39,41 AS "SPARE" ON PANEL INDEX CARD.
- 3 TYPICAL...DISCONNECT AND REMOVE EXISTING RECEPTACLE. REMOVE CONDUIT AND WIRE NOT BEING USED FOR NEW RECEPTACLES.
- 4 DISCONNECT AND REMOVE EXISTING FIRE ALARM VISUAL DEVICE AND SALVAGE FOR REUSE. REMOVE CONDUIT AND WIRE NOT USED FOR NEW DEVICES.
- 5 RELOCATE RECEPTACLE APPROXIMATELY 10" SOUTH CENTERED ON WALL. EXTEND CONDUIT AND WIRE AS REQUIRED.
- 6 RELOCATE EXISTING TELEPHONE TO THE NORTH APPX. 18".
- 7 THESE DEVICES WILL BE SURFACE MOUNTED. USE WIREMOLD 500 SERIES COMPONENTS TO HOUSE DEVICES AND CONCEAL WIRING.
- 8 COORDINATE REMOVAL AND RE-INSTALLATION OF EXISTING CEILING SPEAKERS WITH OWNER'S SOUND SYSTEM CONTRACTOR.

ELECTRICAL GENERAL NOTES

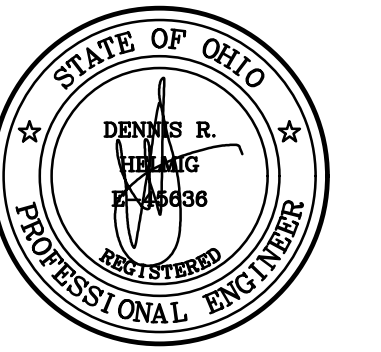
- 1 UNLESS SPECIFICALLY INDICATED OTHERWISE, ALL WORK SHOWN ON THE ELECTRICAL DRAWINGS IS NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.
- 2 COORDINATE AND COOPERATE WITH ALL TRADES ON THE PROJECT.
- 3 SECURE AN EXTRA SET OF ELECTRICAL DRAWINGS TO BE KEPT ON SITE AND MARK, DAILY, THE DRAWINGS IN RED AS THE PROJECT PROGRESSES IN ORDER TO KEEP AN ACCURATE RECORD OF ALL DEVIATIONS BETWEEN THE WORK SHOWN ON THE DRAWINGS AND THE WORK WHICH IS ACTUALLY INSTALLED. THESE MARKED DRAWINGS SHALL REFLECT ANY AND ALL CHANGES AND REVISIONS TO THE ORIGINAL DESIGN WHICH EXISTS IN THE COMPLETED WORK. DELIVER THE MARKED DRAWINGS TO THE ENGINEER AT PROJECT CLOSE-OUT.
- 4 TEST ALL WIRING FOR CONTINUITY AND GROUNDS BEFORE CONNECTING ANY FIXTURES OR DEVICES. PERFORM INSULATION RESISTANCE TESTS ON ALL WIRING #8 OR LARGER TO ENSURE THAT ALL PORTIONS ARE FREE FROM SHORT-CIRCUITS AND GROUNDS.
- 5 ARRANGE ALL NECESSARY INSPECTIONS. DELIVER ALL REQUIRED INSPECTION CERTIFICATES TO THE OWNER.
- 6 PROVIDE GROUNDING IN ACCORDANCE WITH THE NEC FOR THE ELECTRICAL SYSTEM INCLUDING EQUIPMENT FRAMES, CONDUITS, SWITCHES, CONTROLLERS, WIRE-WAYS, NEUTRAL CONDUCTORS, AND OTHER EQUIPMENT. PROVIDE A GROUNDING CONDUCTOR IN ALL POWER CIRCUITS.
- 7 PROVIDE LABELS FOR ALL PANELBOARDS, CABINETS, SAFETY SWITCHES, MOTOR-DISCONNECT SWITCHES, AND MOTOR CONTROLLERS. LABELS SHALL BE MACHINE ENGRAVED, LAMINATED PLASTIC, PERMANENTLY ATTACHED WITH SELF-TAPPING SCREWS OR RIVETS. DO NOT USE SELF-ADHESIVE LABELS.
- 8 LABEL ALL JUNCTION BOXES WITH PERMANENT MARKER IDENTIFYING CIRCUIT NUMBER AND PANELBOARD OF CIRCUITS WITHIN.
- 9 PROVIDE/UPDATE TYPEWRITTEN PANELBOARD DIRECTORY CARD IN EACH PANELBOARD INCLUDING EXISTING PANELBOARDS MODIFIED FOR THIS PROJECT WITH CIRCUIT LOAD INFORMATION AND ROOM NUMBER CLEARLY IDENTIFIED. USE ACTUAL ROOM NUMBERS IN THE BUILDING, NOT THE ROOM NUMBERS SHOWN ON THE CONTRACT DRAWINGS, AS THEY ARE OFTEN DIFFERENT.
- 10 SECURE APPROVED SHOP DRAWINGS SHOWING WIRING DIAGRAMS, ROUGH-IN AND HOOK UP DETAILS FROM OTHER INVOLVED CONTRACTORS FOR EQUIPMENT WHICH MUST BE CONNECTED ELECTRICALLY.
- 11 MECHANICAL EQUIPMENT WILL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR. THE LOCATIONS SHOWN ON THE ELECTRICAL DRAWINGS ARE APPROXIMATE. COORDINATE WITH THE MECHANICAL CONTRACTOR TO DETERMINE THE EXACT LOCATION OF EACH PIECE OF EQUIPMENT AND DETERMINE THE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS.
- 12 ARRANGE LIGHTING FIXTURES IN ACCORDANCE WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.
- 13 COORDINATE LIGHTING FIXTURES WITH GRILLES, DIFFUSERS, SPRINKLER HEADS, AND ACCESS PANELS, ETC.
- 14 VERIFY CEILING AND WALL CONSTRUCTION AND MATERIAL PRIOR TO ORDERING LIGHT FIXTURES OR OTHER DEVICES TO ENSURE PROPER FIXTURES OR DEVICE IS FURNISHED TO MATCH CONSTRUCTION.
- 15 MOUNTING HEIGHTS INDICATED ARE FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE WIRING DEVICE UNLESS OTHERWISE NOTED. MOUNTING HEIGHTS OF LIGHTING FIXTURES AND FIRE ALARM DEVICES ARE TO THE BOTTOM OF THE FIXTURE OR DEVICE UNLESS OTHERWISE NOTED.
- 16 COORDINATE LOCATIONS OF SWITCHES, RECEPTACLES, AND TELE/DATA OUTLETS WITH OTHER WALL MOUNTED DEVICES SUCH AS THERMOSTATS AND CONTROL STATIONS. DO NOT MOUNT WIRING DEVICES BACK TO BACK. PROVIDE MINIMUM OF ONE STUD SEPARATION.
- 17 THOROUGHLY REVIEW AND COORDINATE ALL CASEWORK, DOOR SWINGS, CABINET DRAWINGS AND ARCHITECTURAL ELEVATIONS WITH DEVICE LOCATIONS PRIOR TO ROUGH-IN OF OUTLET BOXES.
- 18 FOR ANY WALL OR FLOOR PENETRATIONS THROUGH FIRE RATED STRUCTURES PROVIDE FIRE-PROOFING TO SEAL ALL THE PENETRATIONS AFTER THE CONDUIT HAS BEEN INSTALLED. FIRE PROOFING FOR PENETRATIONS SHALL BE UL APPROVED PER THE PENETRATION MADE IN ORDER TO MAINTAIN FIRE RATED INTEGRITY OF THE STRUCTURE.
- 19 ON PROJECT CLOSE-OUT, CLEAN ALL ELECTRICAL DEVICES, LIGHTING FIXTURES, LAMPS AND LENSES, AND REMOVE ALL PAINT SPATTERS FROM DEVICES, FIXTURES, AND PLATES. REPLACE ALL INOPERATIVE LAMPS.
- 20 CONTRACTOR SHALL OBTAIN CUT SHEETS, INSTALLATION DATA, AND ROUGH-IN REQUIREMENTS FOR OWNER FURNISHED, CONTRACTOR INSTALLED EQUIPMENT AND COORDINATE ROUGH-IN AND POWER REQUIREMENTS WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY ASSOCIATED WORK.
- 21 ALL CONDUIT RUN OVERHEAD SHALL BE RUN AT THE BOTTOM OF THE FLOOR, ROOF STRUCTURE, OR LOWEST CHORD OF JOIST SPACE (AS APPLICABLE) ABOVE IN ORDER TO AVOID CONFLICTS WITH OTHER TRADES.
- 22 ALL RECEPTACLES AND SWITCHES SHALL BE LABELED WITH PLASTIC LAMINATED LABEL WITH THE PANELBOARD DESIGNATION AND CIRCUIT NUMBER FROM WHICH IT IS FED.
- 23 PROVIDE A DEMONSTRATION OF THE OPERATION OF ALL ELECTRICAL COMPONENTS UPON REQUEST OF THE OWNER.
- 24 ALL LOW VOLTAGE WIRING THAT WILL NOT BE RUN IN CONDUIT SHALL BE PLENUM RATED.

ELECTRICAL LEGEND

---	CONDUIT CONCEALED ABOVE CEILING OR IN WALL WHENEVER POSSIBLE
----	CONDUIT CONCEALED IN OR BELOW FLOOR
⎓	INDICATES NUMBER OF CONDUCTORS IN CONDUIT TO BE USED AS A GENERAL GUIDE TO SHOW INTENT OF CIRCUITING AND SWITCHING ARRANGEMENT...NOT SHOWN IN ALL CASES...CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL CONDUCTORS WHERE REQUIRED.
LP-1	HOME-RUN TO PANELBOARD SHOWING CIRCUIT DESIGNATION, INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL...BREAKER LOCATIONS MAY BE REARRANGED TO PERMIT THE USE OF A COMMON NEUTRAL CONDUCTOR.
→	EACH ARROW INDICATES ONE COMPLETE CIRCUIT
•	ELECTRICAL CONNECTION REQUIRED
—○	CONDUIT RISE
—○	CONDUIT DROP
52"	MOUNTING HEIGHT DESIGNATION IN INCHES ABOVE FINISHED FLOOR TO CENTERLINE...WHEN INDICATED ON DRAWINGS SUPERSEDES STANDARD MOUNTING HEIGHT IN LEGEND
◇	NOTE SYMBOL
①	REFERENCE TO EQUIPMENT SCHEDULE SHEET E2.5
□	HEAVY-DUTY, NEMA-1, NON-FUSIBLE DISCONNECT SWITCH
●	CEILING SPEAKER
Ⓜ	MANUAL STARTER WITH PILOT LIGHT @48"A.F.F.
Ⓜ	JUNCTION BOX
Ⓜ	EXISTING ELECTRIC PANELBOARD
Ⓜ	EXISTING TO BE REMOVED (DEMOLITION)
Ⓜ	EXISTING TO REMAIN
Ⓜ	20A/125V/1PH/3W, 5-20R, RECEPTACLE @18"A.F.F.
Ⓜ	20A/125V/1PH/3W, NEMA 5-20R, DUPLEX GFCI RECEPTACLE @18"A.F.F.
Ⓜ	20A/125V/1PH/3W, NEMA 5-20R, DUPLEX GFCI RECEPTACLE FOR WATER COOLER. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT MOUNTING LOCATION WITH WATER COOLER MANUFACTURERS DRAWINGS.
Ⓜ	EXISTING 1-POLE SWITCH ASSEMBLY
Ⓜ	LOW VOLTAGE DUAL TECHNOLOGY CEILING MOTION SENSOR SENSOR SWITCH CM-PDT-10R
Ⓜ	WALL TIMER SWITCH TO CONTROL SHOWER LIGHTS (@48" AFF) SENSOR SWITCH TIMER SWITCH PTSA-60-WH
Ⓜ	NORMAL POWER/RELAY PACK NLIGHT NPP16-ER-SA
Ⓜ	rPP16 ER EFP EMERGENCY RELAY PACK. AUTOMATICALLY OVERRIDES EMERGENCY LIGHTS ON TO FULL BRIGHTNESS UPON NORMAL POWER LOSS
Ⓜ	SMOKE DETECTOR
Ⓜ	CEILING SMOKE DETECTOR
Ⓜ	FIRE ALARM VISUAL DEVICE @80" TO BOTTOM
Ⓜ	2x2 LAY-IN LED FLAT PANEL LIGHTING FIXTURE RAB #RAB #EZPAN2X2-40N/D10 40W 4542 LUMENS
Ⓜ	LED FLAT PANEL DOWNLIGHT RAB #C623/LCB 23W 1900 LUMENS
Ⓜ	LIGHTING FIXTURE CONNECTED TO EMERGENCY GENERATOR

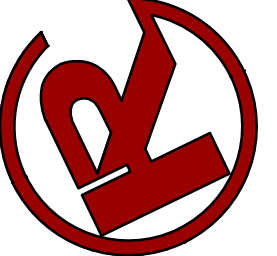
ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	GRC	GALVANIZED RIGID CONDUIT
BKR	BREAKER	GFI	GROUND FAULT CIRCUIT PROTECTOR
C	CONDUIT	HP	HORSEPOWER
CIR	CIRCUIT	JB	JUNCTION BOX
e	EXISTING	KVA	KILOVOLT AMPERES
EC	ELECTRICAL CONTRACTOR	KW	KILOWATT
EM	EMERGENCY	MLO	MAIN LUGS ONLY
EMT	ELECTRICAL METALLIC CONDUIT	NEC	NATIONAL ELECTRIC CODE
er OR ER	EXISTING RELOCATED	NF	NON-FUSED
F	FLUSH	TC	TEMPERATURE CONTROL
FU	FUSE	TYP	TYPICAL
G	GROUND	WC	WATER COOLER
		WP	WEATHERPROOF



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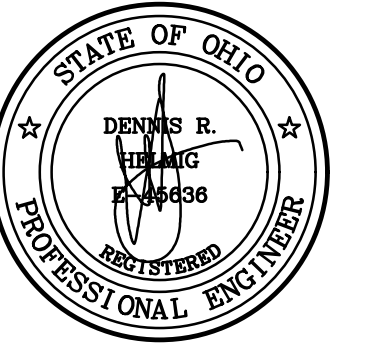
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Sheet Title
Electrical
Demo Floor Plan
Legend

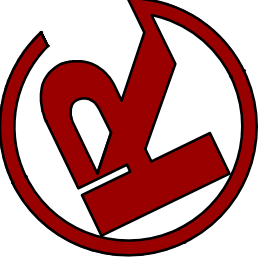
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E1.1



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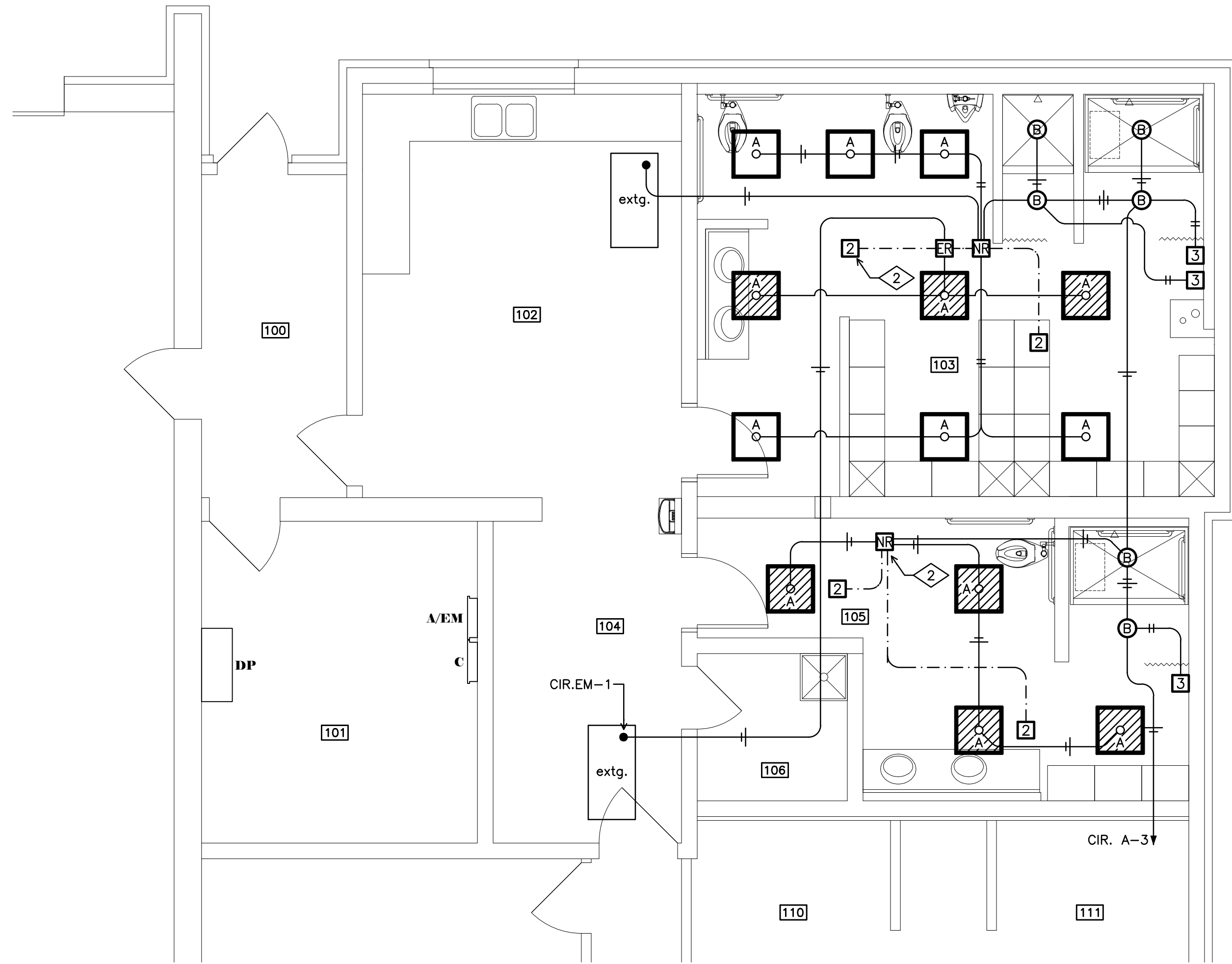
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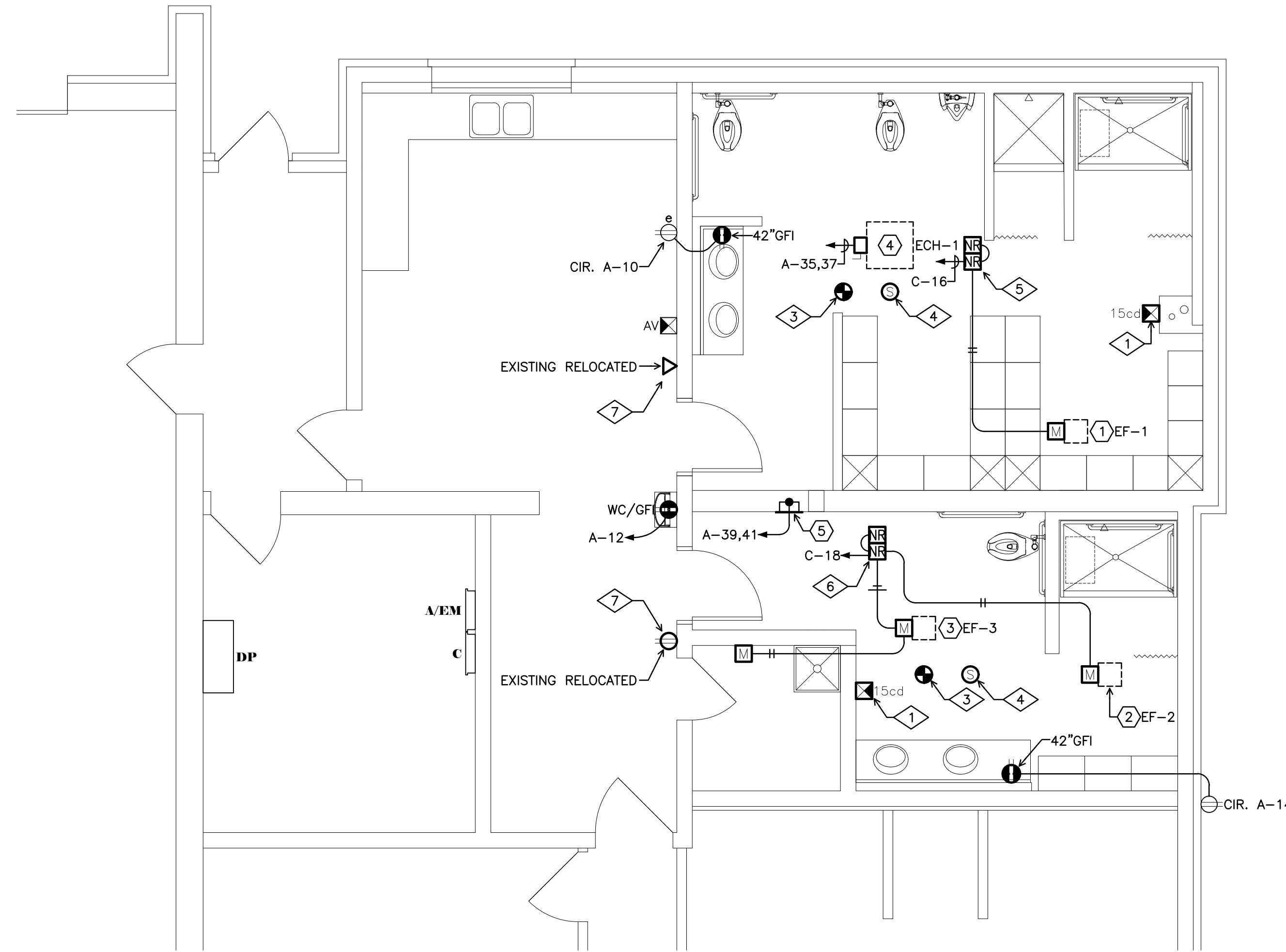
Sheet Title
Electrical
Revised Floor Plans

Sheet Number

E1.2



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



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

REVISED FLOOR PLAN NOTES

- INSTALL AND CONNECT THE EXISTING FIRE ALARM VISUAL DEVICE TO EXISTING NOTIFICATION CIRCUIT. SET CANDELA RATING AS SHOWN ON PLAN.
- CONNECT NEW LIGHTING CONTROLS TO EXISTING LIGHTING BRANCH CIRCUIT.
- EXISTING SPEAKER TO BE REINSTALLED INTO NEW CEILING TILE AND CONNECTED BY OWNER'S SOUND CONTRACTOR.
- INSTALL AND CONNECT EXISTING FIRE ALARM SMOKE DETECTOR DEVICE TO EXISTING INITIATION CIRCUIT.
- WIRE EF-1 RELAY TO ENERGIZE WITH LIGHTS, THEN, TIMEOUT 15 MINUTES AFTER NO MOTION IS SENSED.
- WIRE EF-2 RELAY TO ENERGIZE WITH LIGHTS, THEN, TIMEOUT 15 MINUTES AFTER NO MOTION IS SENSED. SHARE BRANCH CIRCUIT TO SERVE EF-3 MANUAL STARTER IN JANITOR'S CLOSET.

EQUIPMENT SCHEDULE															
UNIT NO.	EQUIPMENT SERVED	MOTOR		VOLTAGE	DISCONNECT DEVICE	STARTER OR OVERCURRENT DEV.	CONTROL					ACCESSORIES	FEEDER	REMARKS	
		HP/KW/FLA	MCA				MOCF	143 INTERLOCK BETWEEN INDOOR & OUTDOOR UNIT BY E.C.	INTEGRAL RPT. AND POWER XFMR	RESTROOM MOTION SENSOR	MANUAL LIGHT SWITCH				FAN/LIGHT WALL MOUNTED MOTION SENSOR BY E.C.
1	EXHAUST FAN EF-1 (MENS RESTROOM)	1/4HP	7.3	20A-1P	30A-2P NON-FUSED, NEMA-1 BY E.C. CIRCUIT BREAKER PROVIDED WITH UNIT PROVIDED WITH DISCONNECT CORD AND PLUG									2#12,#12GRD., 1/2" C.	
2	EXHAUST FAN EF-2 (WOMENS RESTROOM)	1/10HP	0.9	20A-1P										2#12,#12GRD., 1/2" C.	
3	EXHAUST FAN EF-3 (JANITORS CLOSET)	1/20HP	2.6	20A-1P	FRACTIONAL HP MANUAL STARTER BY E.C. PANELBOARD CIRCUIT BREAKER PROVIDED WITH EQUIPMENT									2#12,#12GRD., 1/2" C.	
4	ELECTRIC CABINET HEATER ECH-1	4kW	24.0	30A-2P	FRACTIONAL HP MANUAL SWITCH BY E.C. VFD PROVIDED BY HVAC INSTALLED BY E.C.									2#10,#10GRD., 1/2" C.	
5	ELECTRIC WALL HEATER WH-1	1.5kW	15.6	20A-1P										2#12,#12GRD., 1/2" C.	