

SITE MAP



GENERAL NOTES

1. All concrete to test 4000 psi in 28 days.
2. Verify all dimensions, access, utilities and working conditions in the field.
3. Conform to all applicable codes, ordinances and safety standards.
4. Obtain and pay for all required permits and fees.
5. Notify Architect immediately if work cannot proceed as shown on Drawings or as described in the Specifications.
6. No concrete to be poured without Architect's prior review.
7. All Contractor's to co-operate with all trades, Owner's and Architect's representatives.
8. Leave site clean, neat and free of debris at all times.
9. Each Prime and Sub-contractor is responsible for having read each page of the Specifications, Drawings, Addenda and Change Orders.
10. Guard against interfering with Owner's operations.
11. These Drawings contain no provisions or procedures for on-site safety. Each Contractor and their employees are responsible to follow all laws and ordinances and provide their own engineering to provide a safe work place.
12. The locations of existing underground utilities, shown on these Drawings, are shown in an approximate way only and have not been independently verified by the Owner or its representatives. The Contractor shall determine the exact location of all existing utilities before commencing work, and agree to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to exactly locate and preserve any and all underground utilities.
13. Services performed for this project have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar budget and time constraints. No warranty, expressed or implied, is made.

CONSULTANTS

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 Architect of Record - Jon P. Wallenkamp

MEP
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 Office: 847.249.8398 Gurnee, Illinois 60031
 Engineer of Record - Richard Root

SHEET INDEX

ARCHITECTURAL
 01 Title Sheet

ARCHITECTURAL
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 A201 Interior Elevations
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 P200 Upper Level Enlarged Plumbing Views

MECHANICAL
 ME100 Mechanical and Electrical Plans
 ME200 Mechanical and Electrical Schedules

#2310 Public Safety Building - North Employee Washroom Remodel

Kenosha County



**1000 55th Street
 Kenosha, WI 53140**

PROJECT INFO

Kenosha County
 #2310 Public Safety Building - North
 Employee Washroom Remodel
 March 16, 2023

BID SET DRAWINGS

KUENY ARCHITECTS, LLC
 10505 CORPORATE DRIVE - SUITE 100 PLEASANT PRAIRIE, WI 53158

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01

PROJECT

PROJECT:
#2310 Public Safety Building - North Employee Washroom Remodel
 1000 55th Street
 Kenosha, WI 53140

OWNER:
 Kenosha County

PROJECT ISSUE DATE:
 March 16, 2023



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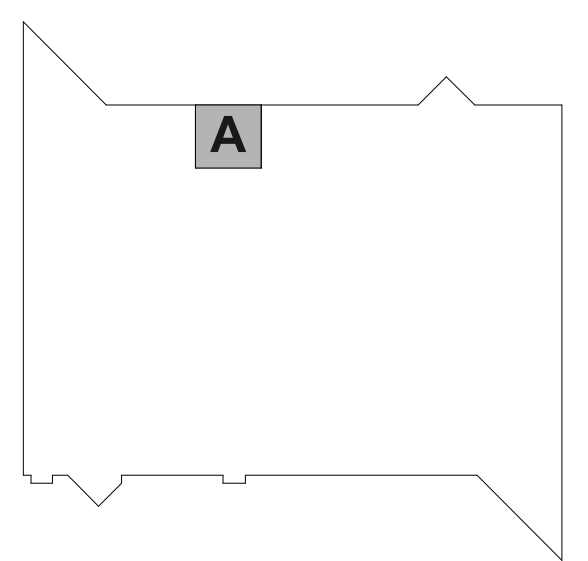
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REVISIONS

REV. / DESCRIPTION	DATE
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KEY PLAN



SHEET

SHEET TITLE:
Work Area Plan and Graphic Standards

A01

Bid Set Drawings

ABBREVIATION LEGEND

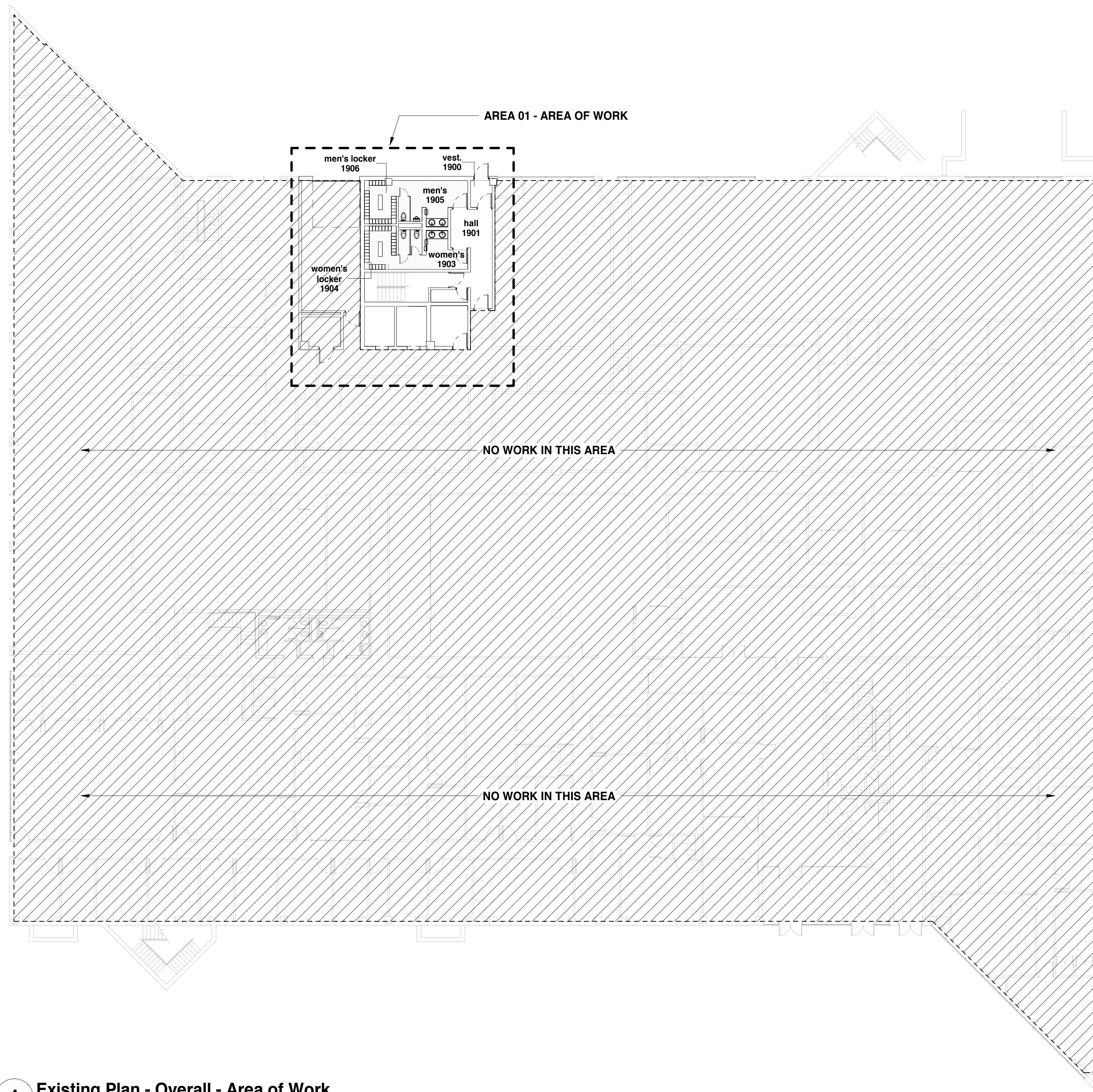
ACT	ACOUSTICAL CEILING TILE
A.F.F.	ABOVE FINISH FLOOR
BLDG	BUILDING
BOT.	BOTTOM
CFT	CERAMIC FLOOR TILE
CJ	CONTROL JOINT
CMU	CONCRETE MASONRY UNIT
CNC	CONCRETE
CONT.	CONTINUOUS
CPT	CARPET
CWT	CERAMIC WALL TILE
CR	CARD READER
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
EA	EACH
EIFS	EXTERIOR INSULATION FINISHING SYSTEM
EL	ELEVATION
ELEC.	ELECTRICAL
EQ.	EQUAL
EXT.	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
F.F.	FINISH FLOOR
FTG	FOOTING
GA	GAUGE
GALV.	GALVANIZED
GL	GLAZING UNIT
GYP	GYPSON BOARD
HOR.	HORIZONTAL
HM	HOLLOW METAL
HVAC	HEATING VENTILATION AIR CONDITIONING
INS.	INSULATION
INT.	INTERIOR
LG.	LONG
LVT (P)	LUXURY VINYL TILE (PLANK)
MAN.	MANUFACTURER
MAX	MAXIMUM
MIN.	MINIMUM
MTL.	METAL
NA	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
NOM	NOMINAL
O.C.	ON CENTER
OH	OVERHEAD
OPP	OPPOSITE
PFT	PORCELAIN FLOOR TILE
PLAM	PLASTIC LAMINATE
PNL	PANEL
PT	PAINT
PW	PRESSURE WASHER
PWT	PORCELAIN WALL TILE
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF.	REFRIGERATOR
REV.	REVISION
RO	ROUGH OPENING
SF	SQUARE FEET
SIM.	SIMILAR
SPEC	SPECIFICATIONS
SS	SOLID SURFACING
T.O.	TOP OF
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VAR.	VARIES
VB	VINYL BASE
VCT	VINYL COMPOSITE TILE
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
VERT.	VERTICAL
WCP	WOOD CEILING PANEL
WD	WOOD
WIN.	WINDOW
WTR	WATER
WWP	WOOD WALL PANEL

DRAWING SYMBOL LEGEND

SECTION HEADS		DETAIL NUMBER ON SHEET	DETAIL SIMILAR TO REFERENCED	DRAWING SHEET NUMBER
WALL SECTION				
BUILDING SECTION				
EXTERIOR ELEVATION		DETAIL NUMBER ON SHEET		
INTERIOR ELEVATION		DRAWING SHEET NUMBER		
WALL TYPE TAG		WALL EXTENSION		WALL TYPE
KEYNOTE TAG		SPECIFICATION SECTION		* DECIMAL DOES NOT REFERENCE SPEC
DEMO KEYNOTE TAG		DEMOLITION NOTE NUMBER		
ELEVATION CHANGE				
STRUCTURAL GRID LINE				
ROOM TAG		ROOM NAME SCHEDULED		ROOM NUMBER SCHEDULED
REVISION TAG				
CALLOUT TAG				
DOOR TAG				
SPECIAL DOOR TAG				
CEILING TAG W/ HEIGHT		CEILING TYPE		CEILING HEIGHT ABOVE F.F.

FLOOR PLAN LEGEND

EXISTING WALLS TO BE REMOVED	
EXISTING WALLS TO REMAIN	
NEW WALLS	
EXISTING WINDOW TO BE REMOVED	
EXISTING WINDOW TO REMAIN	
NEW WINDOWS	
SEM-RECESSED FIRE EXTINGUISHER CABINET	
EXISTING DOOR TO BE REMOVED	
EXISTING DOOR TO REMAIN	
NEW DOORS W/ DOOR TAG	
OVERHEAD DOORS W/ TRACK (NOT TO SCALE)	
OPENING IN MOVABLE PARTITION	
TOILET - FLOOR MOUNT WITH TANK	
TOILET - WALL MOUNT WITH CARRIER	
URINAL - WALL HUNG	
DRINKING FOUNTAIN - HIGH / LOW	
MOP SINK W/ STAINLESS STEEL BACKSPLASH	
ROUND / (SQUARE) SINK W/ VANITY - UNDERMOUNT	
WALL MOUNT SINK VANITY	
KITCHEN SYTLE DOUBLE SINK	



1 Existing Plan - Overall - Area of Work
 1/16" = 1'-0"

NOT FOR CONSTRUCTION

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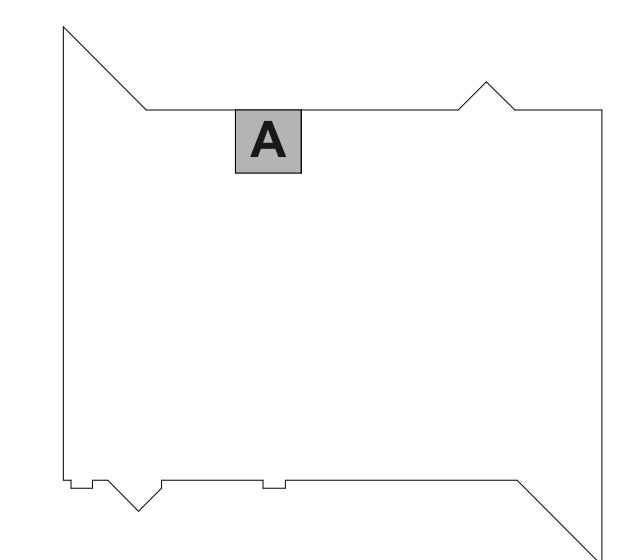
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REVISIONS

REV. / DESCRIPTION DATE

KEY PLAN



SCALE: As Indicated

SHEET

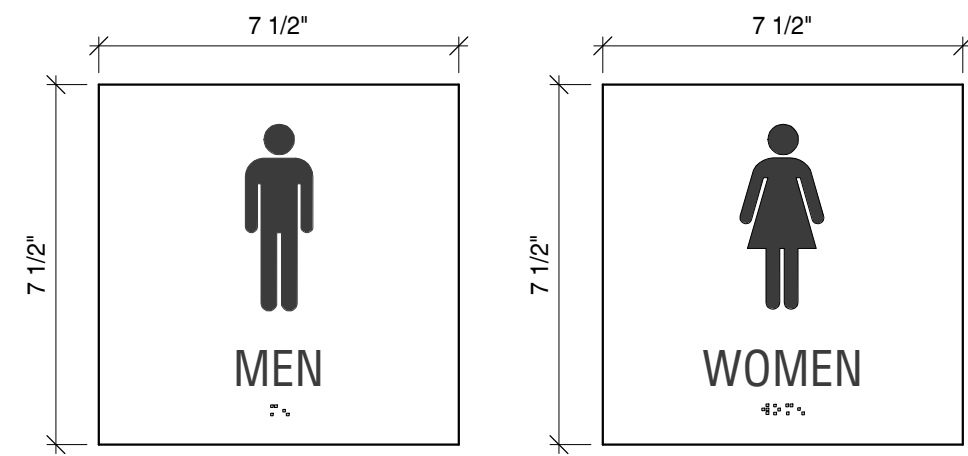
SHEET TITLE:

Project Standards and Schedules

A02

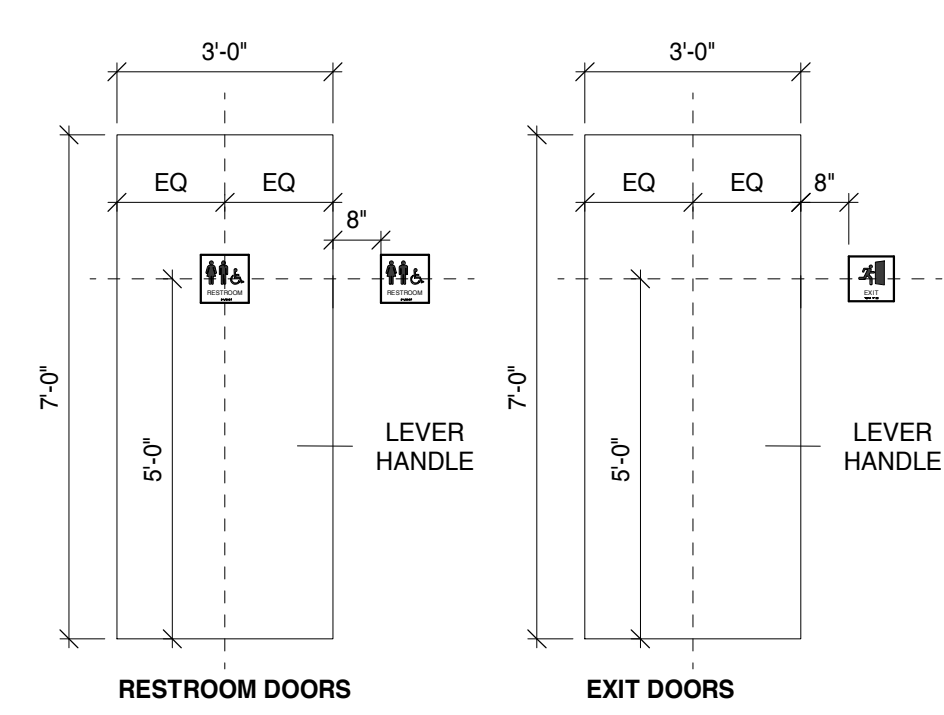
Bid Set Drawings

Signage Details

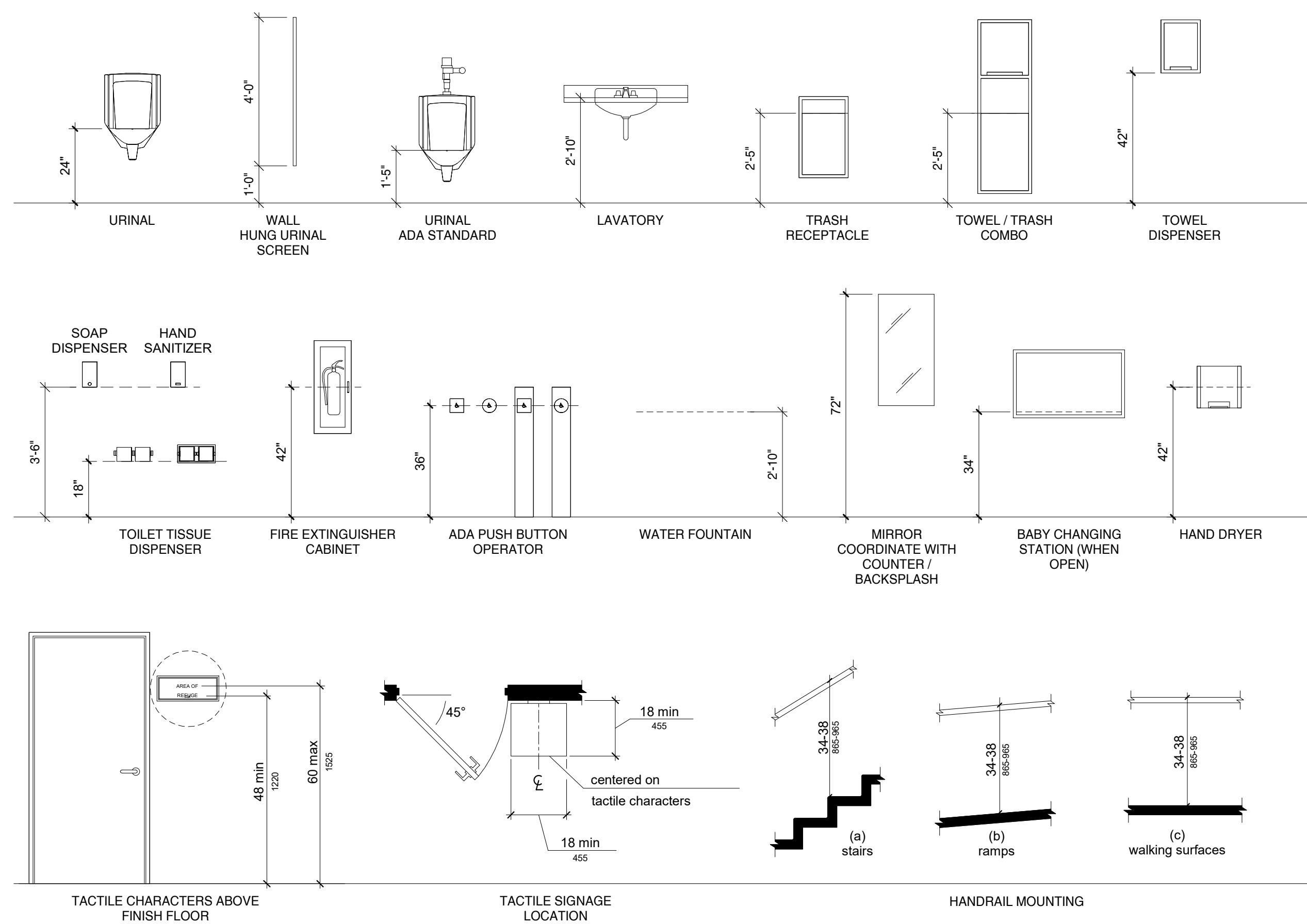


- Men's Restroom Sign**
 - 1/8" thick photopolymer
 - 7.50W" x 7.50H"
 - 1/32" raised letters and symbols with Grade II Braille
 - Foam adhesive tape installation
 - Standard font, Helvetica Condensed or equal
- Women's Restroom Sign**
 - 1/8" thick photopolymer
 - 7.50W" x 7.50H"
 - 1/32" raised letters and symbols with Grade II Braille
 - Foam adhesive tape installation
 - Standard font, Helvetica Condensed or equal

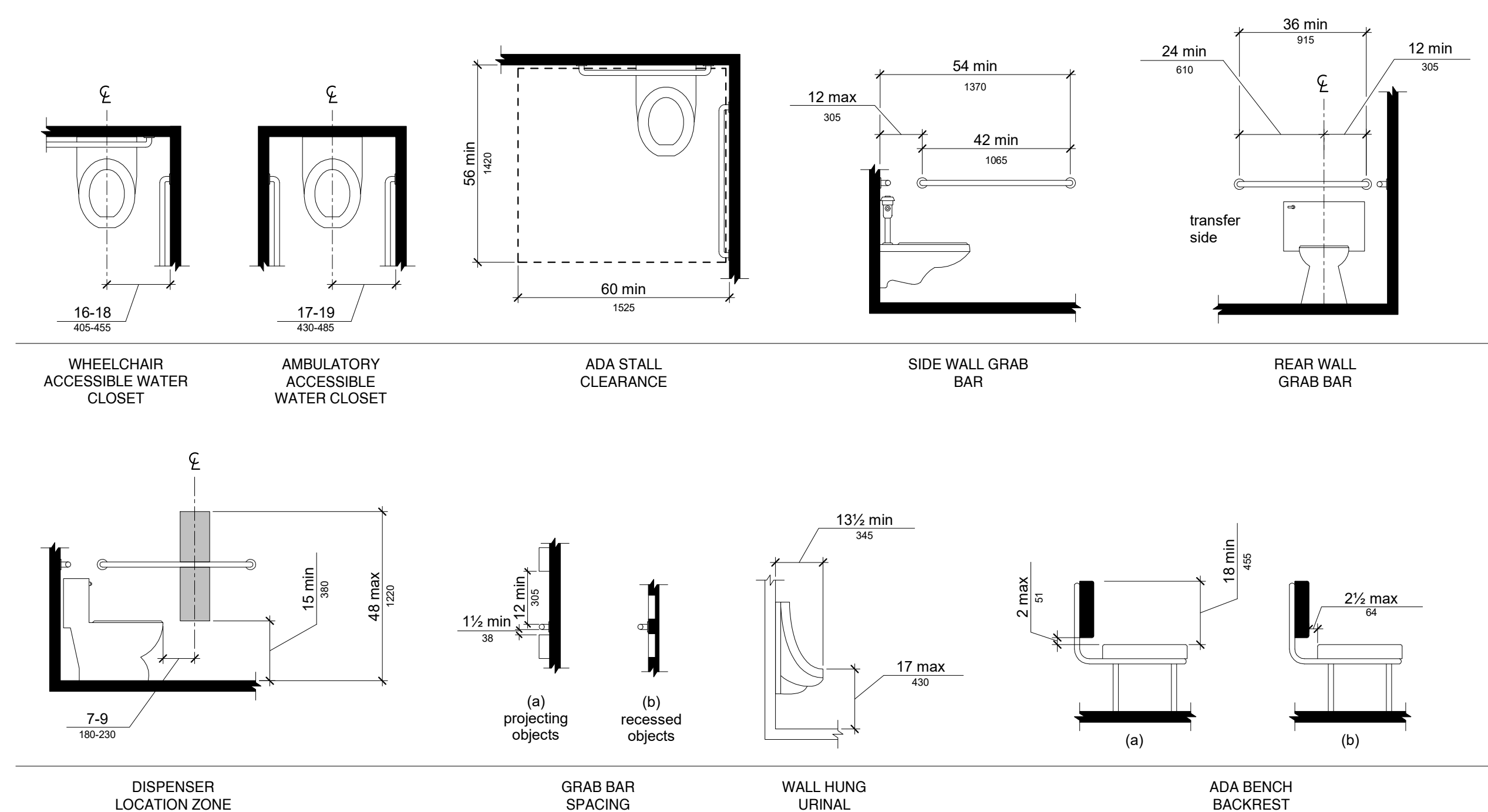
ADA Signage Mounting



ADA MOUNTING STANDARDS



ADA CLEARANCE STANDARDS



ROOM SCHEDULE - AREA 01

NUMBER	NAME	FLOOR TYPE	BASE	WALL FINISH				CEILING		REMARKS
				NORTH	SOUTH	EAST	WEST	TYPE	HEIGHT	
1903	womens	CFT-1	CWT-1	CWT-1	CWT-1 / GWB-2	CWT-1 / GWB-2	CWT-1	ACT-2	MATCH EXISTING	
1904	womens locker	CFT-1	CWT-1	EXISTING	EXISTING	EXISTING	EXISTING	ACT-2	MATCH EXISTING	
1905	mens	CFT-1	CWT-1	CWT-1 / GWB1	CWT-1	CWT-1 / GWB1	CWT-1	ACT-2	MATCH EXISTING	
1906	mens locker	CFT-1	CWT-1	EXISTING	EXISTING	EXISTING	EXISTING	ACT-2	MATCH EXISTING	
1908	corridor	EXISTING	EXISTING	FRP / PT-1	FRP / PT-1	FRP / PT-1	FRP / PT-1	ACT-1	9'-0" A.F.F.	

PAINT SCHEDULE - AREA 01

ROOM	NAME	FLOOR	WALLS				CEILING	METAL	WOOD	REMARKS
			NORTH	SOUTH	EAST	WEST				
1903	womens	N/A	LATEX - SG	LATEX - SG	LATEX - SG	LATEX - SG	N/A	ENAMEL VARNISH		
1904	womens locker	N/A	LATEX - SG	LATEX - SG	LATEX - SG	LATEX - SG	N/A	ENAMEL VARNISH		
1905	mens	N/A	LATEX - SG	LATEX - SG	LATEX - SG	LATEX - SG	N/A	ENAMEL VARNISH		
1906	mens locker	N/A	LATEX - SG	LATEX - SG	LATEX - SG	LATEX - SG	N/A	ENAMEL VARNISH		
1908	corridor	N/A	LATEX - SG	LATEX - SG	LATEX - SG	LATEX - SG	N/A	ENAMEL VARNISH		

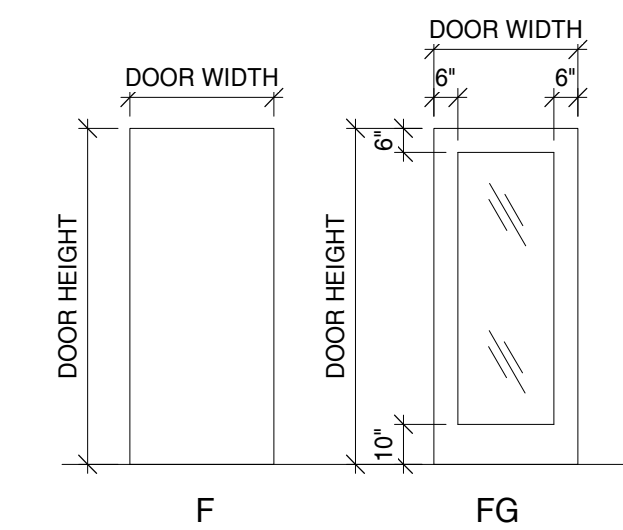
DOOR SCHEDULE - AREA 01

MARK	FROM ROOM	NAME	TO ROOM	NAME	LABEL	DOOR						FRAME			REMARKS	
						TYPE	MATERIAL	SWING	WIDTH	HEIGHT	THICKNESS	LOUVER	GLASS	TYPE		MATERIAL
E1903	1908	corridor	1903	womens	-	F	HM	LH	3'-4"	7'-0"	1-3/4"	-	-	-	-	-
E1905	1908	corridor	1905	mens	-	F	HM	RH	3'-4"	7'-0"	1-3/4"	-	-	-	-	-
E1909	1908	corridor	1909	vestibule	-	FG	ALUM	LHR	3'-4"	7'-0"	1-3/4"	-	X	-	-	-

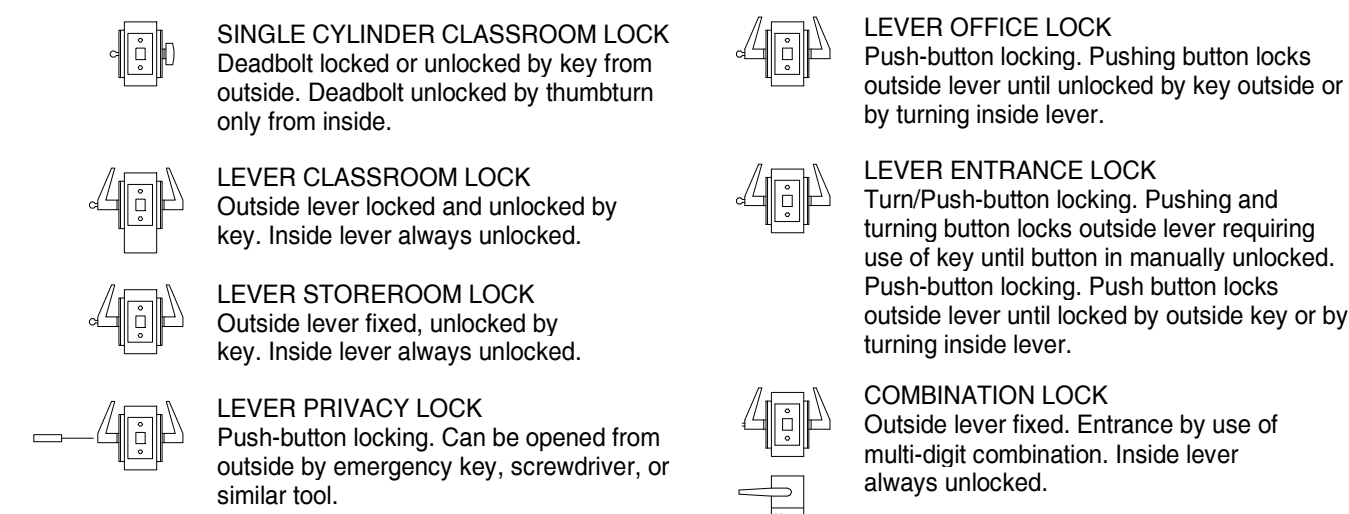
HARDWARE SCHEDULE - AREA 01

MARK	LOCKSET	PUSH-PULL	HOLD OPEN	CLOSER	HINGE	DOOR STOP	THRESHOLD	WEATHERSTRIP	KICKPLATE	SOUNDSTOP	NAMEPLATE	FRAME		NOTES
												TYPE	MATERIAL	
E1903	ENTRANCE	X	X	X	X	X	-	-	X	X	WOMEN'S	-	-	SEE STANDARD SIGNAGE DETAILS
E1905	ENTRANCE	X	X	X	X	X	-	-	X	X	MEN'S	-	-	SEE STANDARD SIGNAGE DETAILS
E1909	PANIC	X	-	-	X	X	X	X	X	X	-	-	-	-

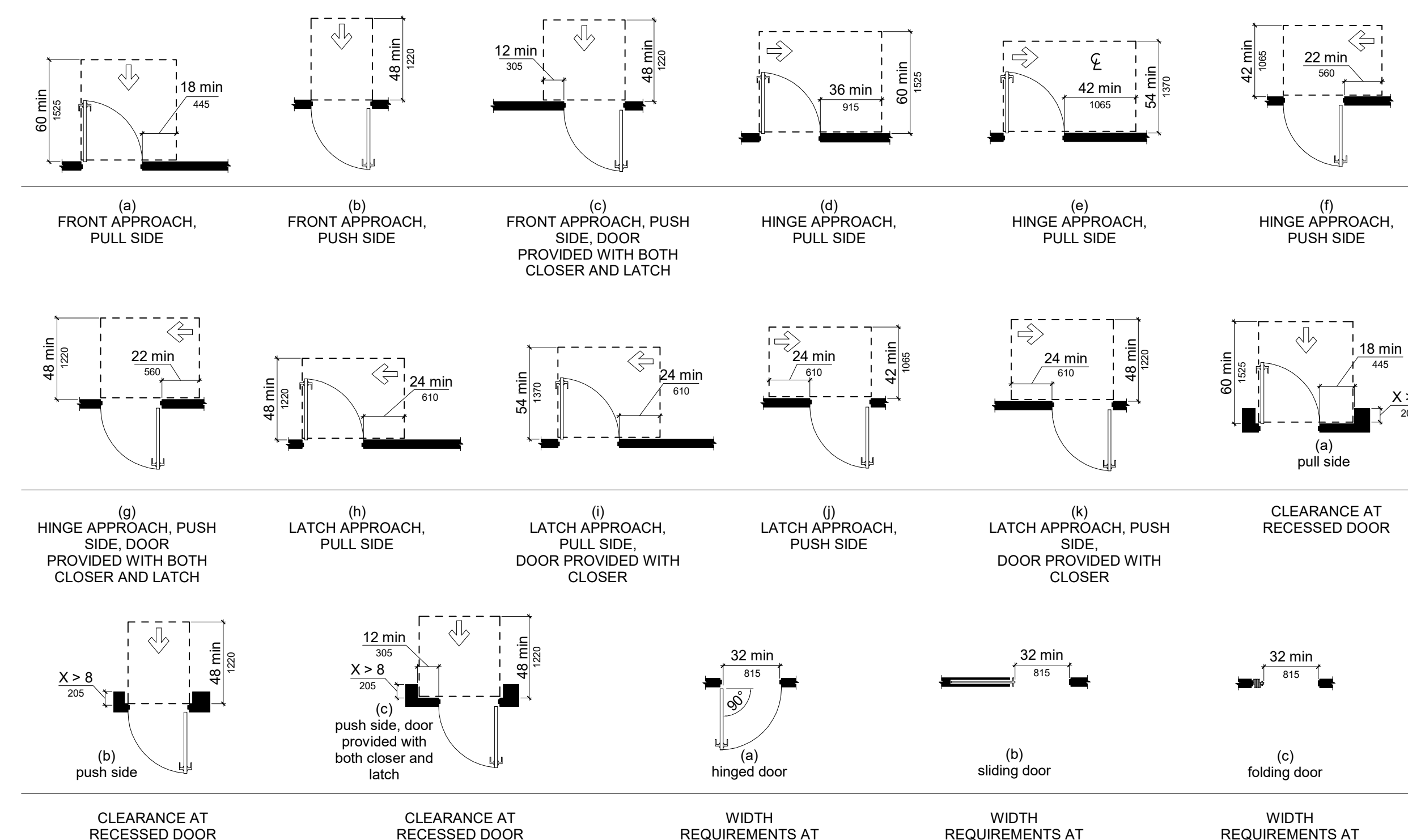
DOOR PANEL TYPES



LOCKSET TYPES



ACCESSIBLE ROUTE STANDARDS



NOT FOR CONSTRUCTION

DEMO KEYED NOTE LEGEND

- 1 DEMO EXISTING DOOR; DEMO TO INCLUDE FULL CONSTRUCTION: DOOR, DOOR FRAME, AND ALL HARDWARE (U.N.D.)
- 2 DEMO EXISTING FRP PANEL; PATCH AND PREP WALL FOR NE PANEL AND PAINT; DEMO TO INCLUDE ALL PANELS IN CORRIDOR
- 3 DEMO EXISTING ACOUSTICAL CEILING TILE SYSTEM; DEMO TO INCLUDE ALL TILE AND EXISTING GRID
- 4 DEMO EXISTING FLOOR TILE DOWN TO SLAB; CLEAN AND PREP FOR NEW FLOOR FINISH; SEE FLOOR FINISH PLAN
- 5 STRIP AND SAND EXISTING BENCH TOP; PREP FOR NEW FINISH
- 6 DEMO EXISTING PARTITIONS; DEMO INCLUDES FULL PARTITION SYSTEM
- 7 DEMO EXISTING PLUMBING FIXTURE; REFER TO MEP PLANS FOR NEW FIXTURE - ANY UN-USED EXISTING ROUGH IN HOLE TO BE COVERED WITH NEW STAINLESS STEEL COVER PLATE
- 8 DEMO EXISTING WALL TILE; PREP WALL FOR NEW FINISHES PER SCHEDULES AND ELEVATIONS
- 9 DEMO EXISTING WALL TILE BASE AT EXISTING LOCKERS
- 10 DEMO EXISTING SANITARY NAPKIN DISPENSER
- 11 REMOVE EXISTING TOILET ACCESSORIES AND GIVE TO COUNTY FRO RE-USE OR DISPOSAL
- 12 DEMO EXISTING MIRROR
- 13 DEMO EXISTING VANITY; DEMO INCLUDES COMPLETE VANITY SYSTEM
- 14 PREP FLOOR FOR PROPOSED FLOOR FINISH; G.C. TO GRIND DOWN SECTION OF CONCRETE SLAB AT DOOR IN NEEDED FOR NEW WALK-OFF MAT
- 15 DEMO EXISTING LIGHT FIXTURE
- 16 DEMO EXISTING SUPPLY AND RETURN GRILLE; REPLACE WITH NEW LAY IN STYLE FIXTURE
- 17 DEMO EXISTING GYPSUM BOARD AND METAL STUD CEILING; VERIFY ABOVE CEILING CONDITIONS PRIOR TO DEMILITION
- 18 ALL EXISTING FIRE SPRINKLER HEADS TO REMAIN IN CURRENT LOCATION; REPOSITION TO NEW CEILING GRID - CENTER IN TILE
- 19 REMOVE EXISTING WALL PAPER; ENTIRE CORRIDOR; PREP AND PATCH WALL FOR NEW PAINT

DEMO GENERAL NOTES

1. DEMOLITION NOTES AND PLANS ARE PROVIDED AS A REFERENCE. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND EXAMINE DRAWINGS AND DETAILS TO DETERMINE EXTENT AND LIMITS OF DEMOLITION REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
2. PROVIDE AND COORDINATE ALL DEMOLITION AND NEW CONSTRUCTION WITH PROPOSED PLAN DIMENSIONS AND INSTALLATION OF NEW MATERIALS AND FINISHES. DEMOLITION TO BE IN ACCORDANCE WITH NEW FINAL PRODUCT.
3. PROVIDE SMOOTH AND CLEAN SURFACE TO ALL AREAS RECEIVING NEW FINISHES. COORDINATE WORK WITH PLANS AND THE ROOM FINISH SCHEDULE TO COMPLY WITH NEW PROPOSED MATERIAL.
4. ALL RELATED WOOD BLOCKING, HARDWARE CONNECTION DEVICES, ADHESIVES, AND/OR MASTIC SHALL BE REMOVED FROM SURFACES AT ITEMS NOTED FOR DEMO. PROVIDE SURFACES ACCEPTABLE FOR PATCHING AND/OR NEW CONSTRUCTION.
5. IDENTIFICATION AND/OR ABATEMENT OF HAZARDOUS MATERIALS IS NOT PART OF THIS SCOPE OF WORK. IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY.
6. REMOVE LOOSE PAINT AND MISCELLANEOUS HANGING OBJECTS FROM WALLS AND CEILINGS AT ALL AREAS TO RECEIVE NEW FINISHES.
7. OPENING IN THE EXISTING STRUCTURE SMALLER THAN 12" IN ANY DIRECTION ARE NOT IDENTIFIED ON THESE DRAWINGS. SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING OPENINGS SMALLER THAN 12" AS REQUIRED FOR INSTALLATION OF THEIR WORK.
8. OPENINGS IN THE EXISTING STRUCTURE SHALL NOT BE MADE WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
9. PATCH AND REPAIR ALL EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION OR PRIOR USE.
10. CONTRACTOR TO FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. IN THE EVENT OF A DISCREPANCY BETWEEN THE DRAWINGS AND THE EXISTING CONDITIONS, NOTIFY THE ARCHITECT BEFORE PROCEEDING.
11. DO NOT REMOVE ANY ITEMS WHICH JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. IF HIDDEN ELEMENTS OR DETERIORATED ELEMENTS ARE ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
12. EXISTING BUILDING IS TO REMAIN WEATHER-TIGHT DURING ALL DEMOLITION ACTIVITIES.
13. PROTECT ALL ADJACENT AREAS AND ITEMS "TO REMAIN" DURING DEMOLITION/CONSTRUCTION. REPAIR/REPLACE ALL ITEMS DAMAGED DURING CONSTRUCTION.
14. EXISTING BUILDING CONDITIONS SHOWN ON THESE DRAWINGS ARE DERIVED FROM DRAWINGS OF THE ORIGINAL BUILDING AND FROM LIMITED FIELD OBSERVATION.
15. INDICATED EXISTING BUILDING CONDITIONS ARE ASSUMED TO BE REPRESENTATIVE OF THE ACTUAL CONSTRUCTION OF THE BUILDING. FIELD CONDITIONS MAY VARY.
16. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADDITIONAL MEANS OF EGRESS AS NEEDED AS A RESULT OF CONSTRUCTION SEQUENCING AND/OR REGULATORY REQUIREMENTS.
17. KEYNOTES THAT CONTAIN NO LEADER LINE ARE TO BE CONSIDERED TO ADDRESS THE ENTIRE ROOM THE NOTE IS PLACED.
18. PATCH ALL AREAS OF ELECTRICAL AND MECHANICAL DEMOLITION THAT WILL NOT BE REUSED.

KEYED NOTE LEGEND

- 1 RE-FINISH BENCH TOP; RE-PAIN METAL BENCH LEGS
- 2 NEW TOILET PARTITION; REFER TO SPECIFICATIONS
- 3 (09 29 00) INFILL EXISTING WALL CAVITY AT REMOVED SANITARY NAPKIN DISPENSER; INFILL WITH METAL STUD AND TILE BACKER; PREP FOR NEW WALL TILE FINISH
- 4 NEW TOILET PAPER DISPENSER; OWNER PROVIDED, G.C. TO INSTALL
- 5 (06 10 00) NEW FRP PANEL AT CORRIDOR; FULL CORRIDOR PERIMETER
- 6 SOAPR DISPENSER; OWNER PROVIDED, G.C. TO INSTALL
- 7 (10 28 13) NEW MIRROR; REFER TO SPECIFICATIONS AND ELEVATIONS
- 8 EXISTING RECESSED WASTE RECEPTACLE TO REMAIN; G.C. TO VERIFY OPENING AT NEW FINISH
- 9 EXISTING LOCKERS TO REMAIN; G.C. TO PROTECT DURING CONSTRUCTION
- 10 FIELD VERIFY EXISTING CEILING HEIGHT; MATCH HEIGHT
- 11 CEILING MOUNT PARTITION; RE-USE EXISTING CEILING MOUNT STEEL
- 12 EXISTING ILLUMINATED EXIT SIGN TO REMAIN; E.C. TO REPLACE IN NEW CEILING

GENERAL PROJECT NOTES

1. DO NOT SCALE REPLICATED PRINTS OR REPRODUCTIONS.
2. DRAWING SHEET A01 DOES NOT REPRESENT ALL SYMBOLS AND DIAGRAMS IN THE PROJECT. THIS SHEET REPRESENTS TYPICALLY ENCOUNTERED ITEMS. NOT ALL ITEMS SHOWN MAY OCCUR WITHIN THE SCOPE OF THIS PROJECT AND OTHER ITEMS MAY EXIST IN THE PROJECT NOT ON THIS SHEET. REFER TO COMPLETE SPECIFICATIONS AND DRAWING DOCUMENTATION SET FOR COMPLETE SCOPE OF WORK.
3. FIELD VERIFY ALL EXISTING DIMENSIONS SHOWN.
4. G.C. TO VERIFY ALL EXISTING WALL CONDITION AFTER TILE DEMOLITION; VERIFY ARCHITECT OF ANY UNFORESEEN CONDITIONS.

MATERIAL FINISH LEGEND

1. **CFT-1:** CERAMIC FLOOR TILE - 12" X 12" - REFER TO SPECIFICATIONS FOR MORE INFORMATION
2. **CWT-1:** CERAMIC WALL TILE - 12" X 24"; STACK BOND INSTALLATION - REFER TO SPECIFICATIONS FOR MORE INFORMATION
3. **CTWB-1:** CERAMIC WALL BASE - 4" WALL BASE - TILE CUT SIDE DOWN - REFER TO SPECIFICATIONS FOR MORE INFORMATION
4. **GWB-1:** GYPSUM BOARD; PAINT PER SCHEDULES - REFER TO SPECIFICATIONS FOR MORE INFORMATION
5. **GWB-1:** GYPSUM BOARD; PAINT PER SCHEDULES - REFER TO SPECIFICATIONS FOR MORE INFORMATION

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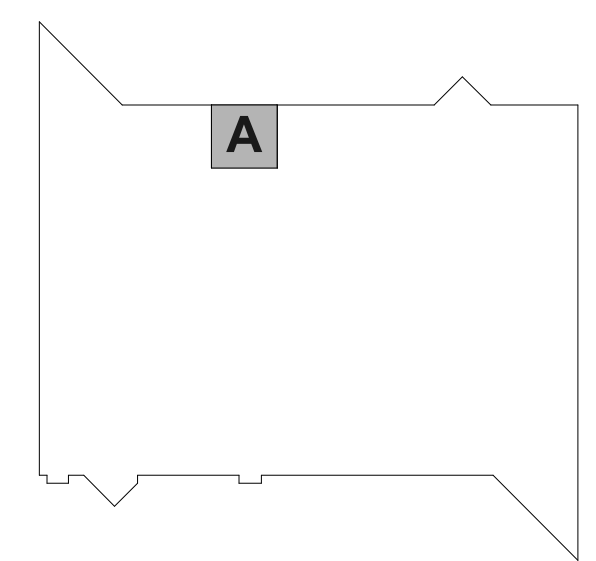
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REVISIONS

REV. / DESCRIPTION DATE

KEY PLAN



PLAN NORTH
 SCALE: As Indicated

SHEET

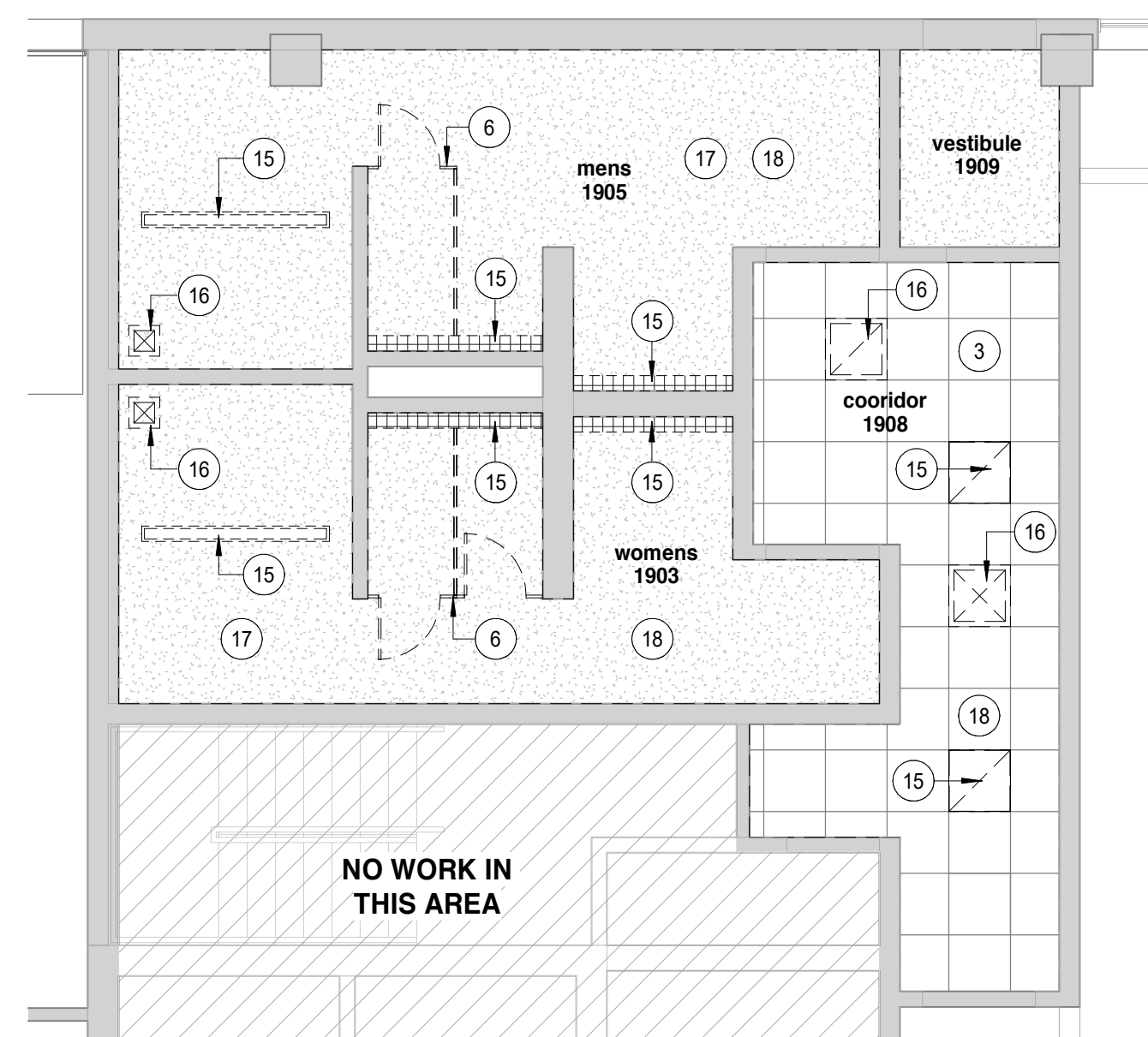
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Floor Plans

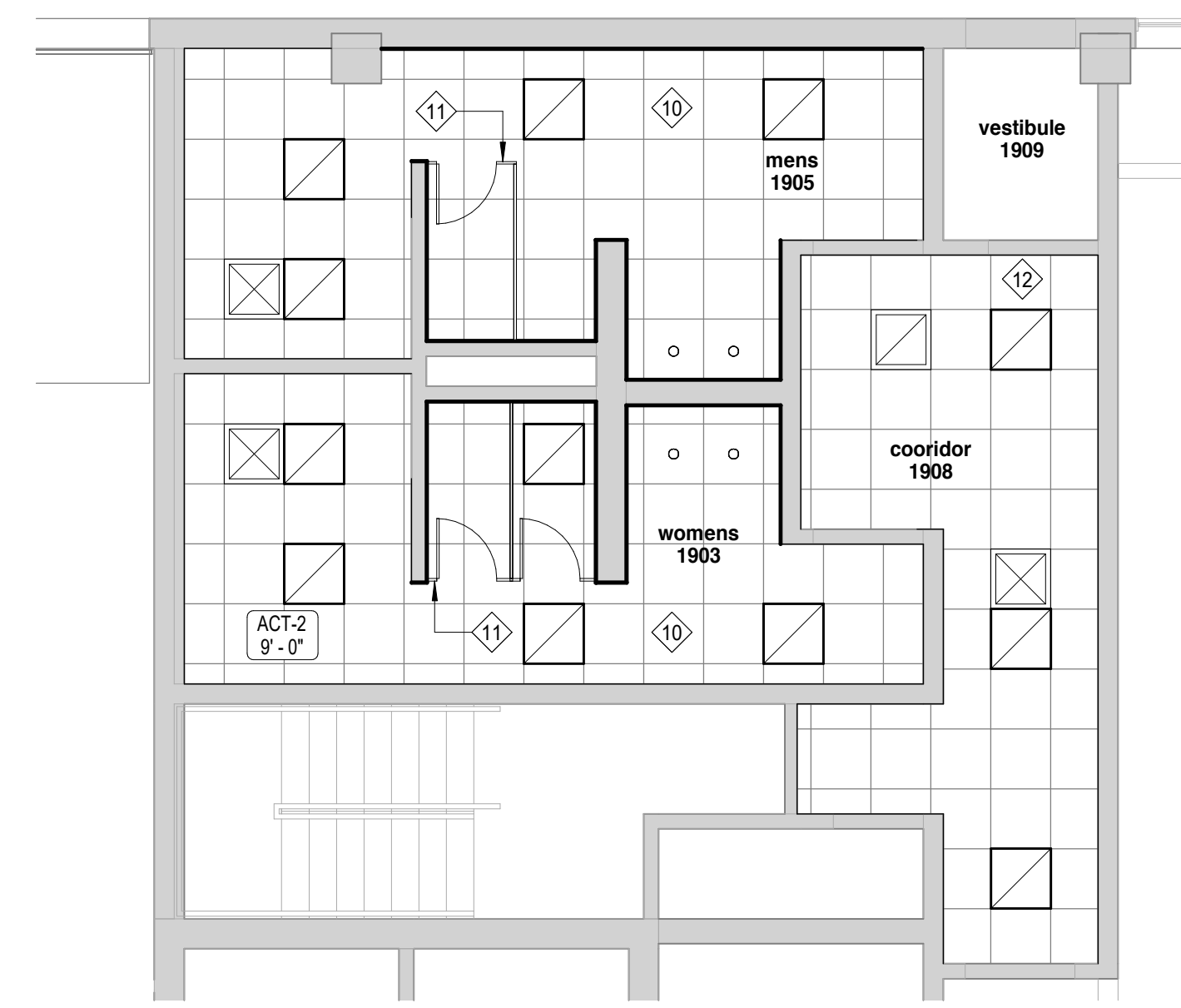
A200

Bid Set Drawings

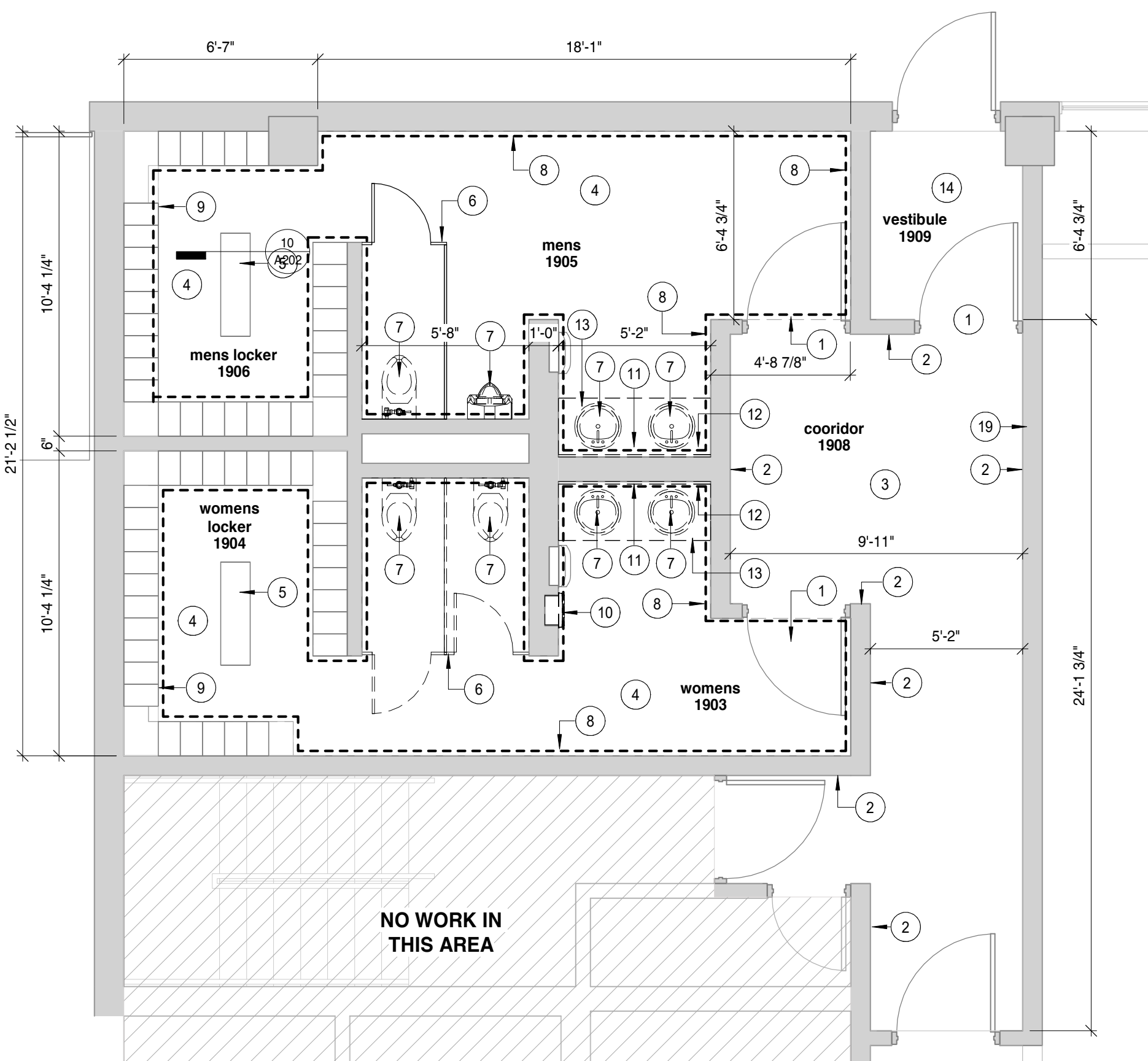
NOT FOR CONSTRUCTION



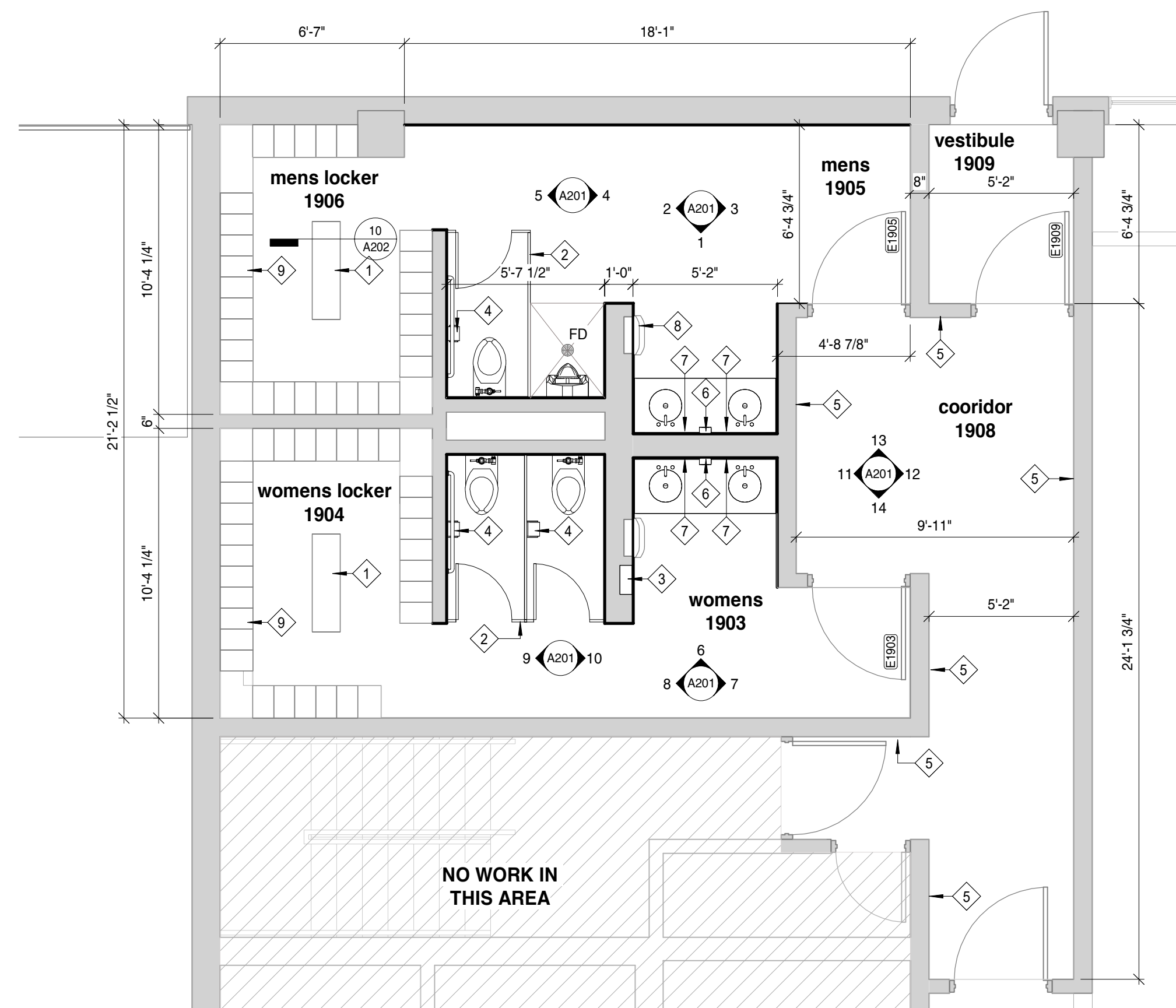
2 Ceiling Plan - Existing and Demo
 3/16" = 1'-0"



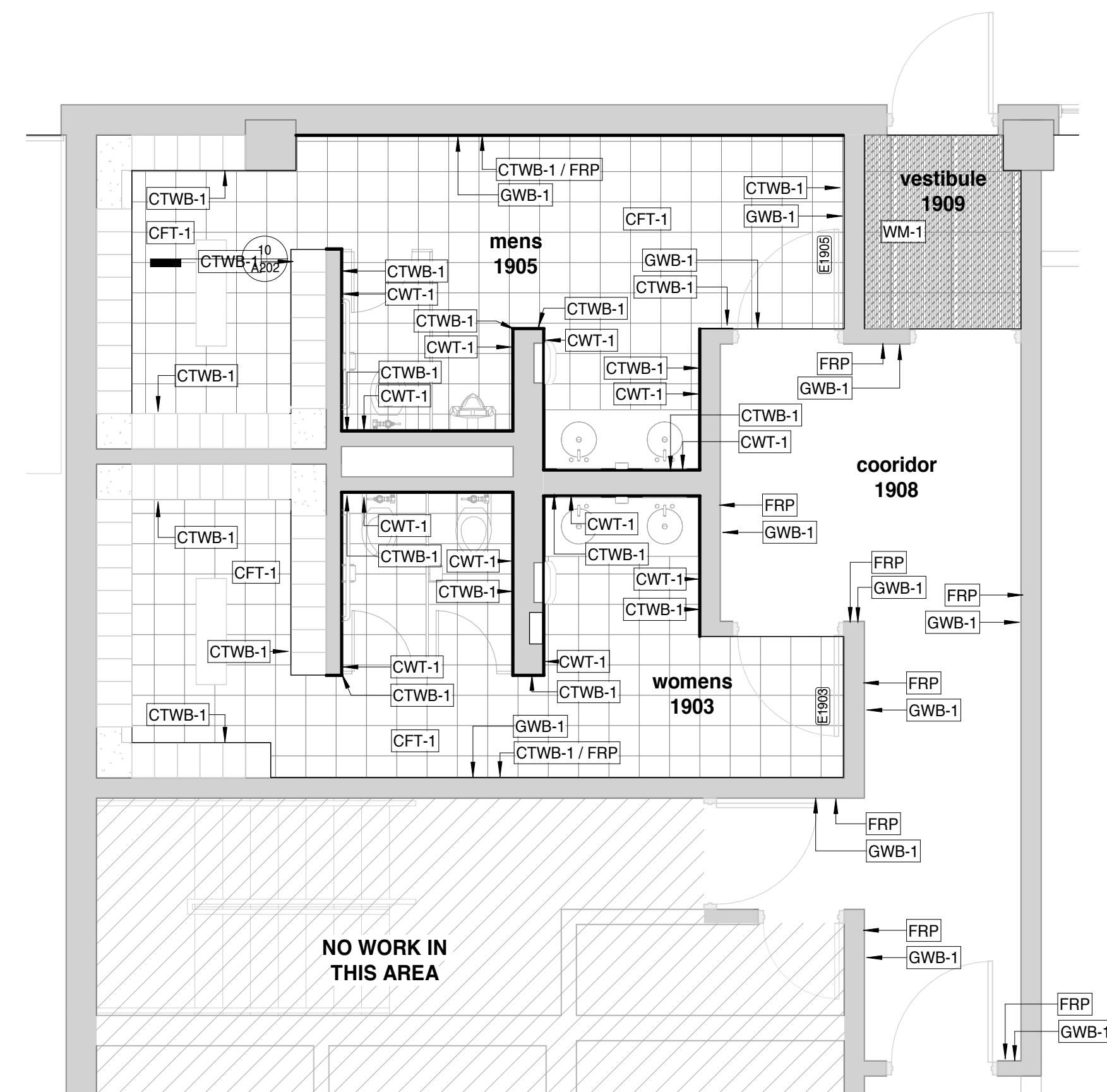
5 Ceiling Plan - Proposed
 3/16" = 1'-0"



1 Existing and Demo Plan
 1/4" = 1'-0"



3 Floor Plan - Proposed
 1/4" = 1'-0"



4 Floor Plan - Finish Plan
 1/4" = 1'-0"

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Kueny Architects Phone: (262) 657-8101 Address: 10505 Corporate Drive, Suite 100 Pleasant Prairie, Wisconsin 53158

Architect of Record - Jon P. Wallenkamp

MEP

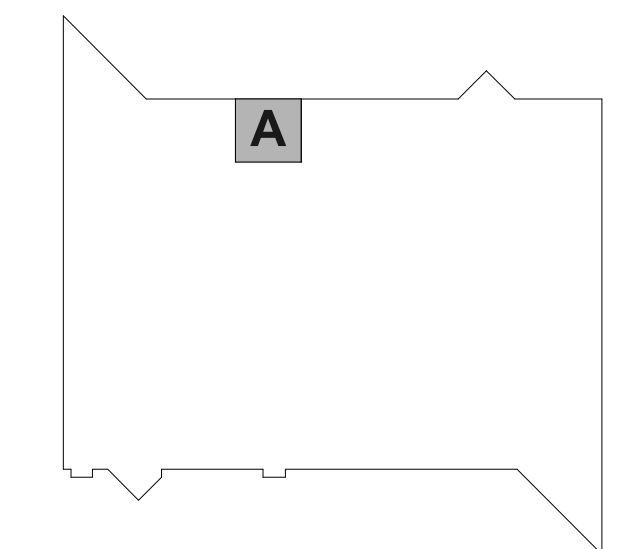
Root Engineering Services, P.C. Phone: (847) 249-8398 Address: 4215 Grove Avenue Gurnee, Illinois 60031

Engineer of Record - Richard Root

REVISIONS

Table with 2 columns: REV / DESCRIPTION, DATE

KEY PLAN



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

SHEET

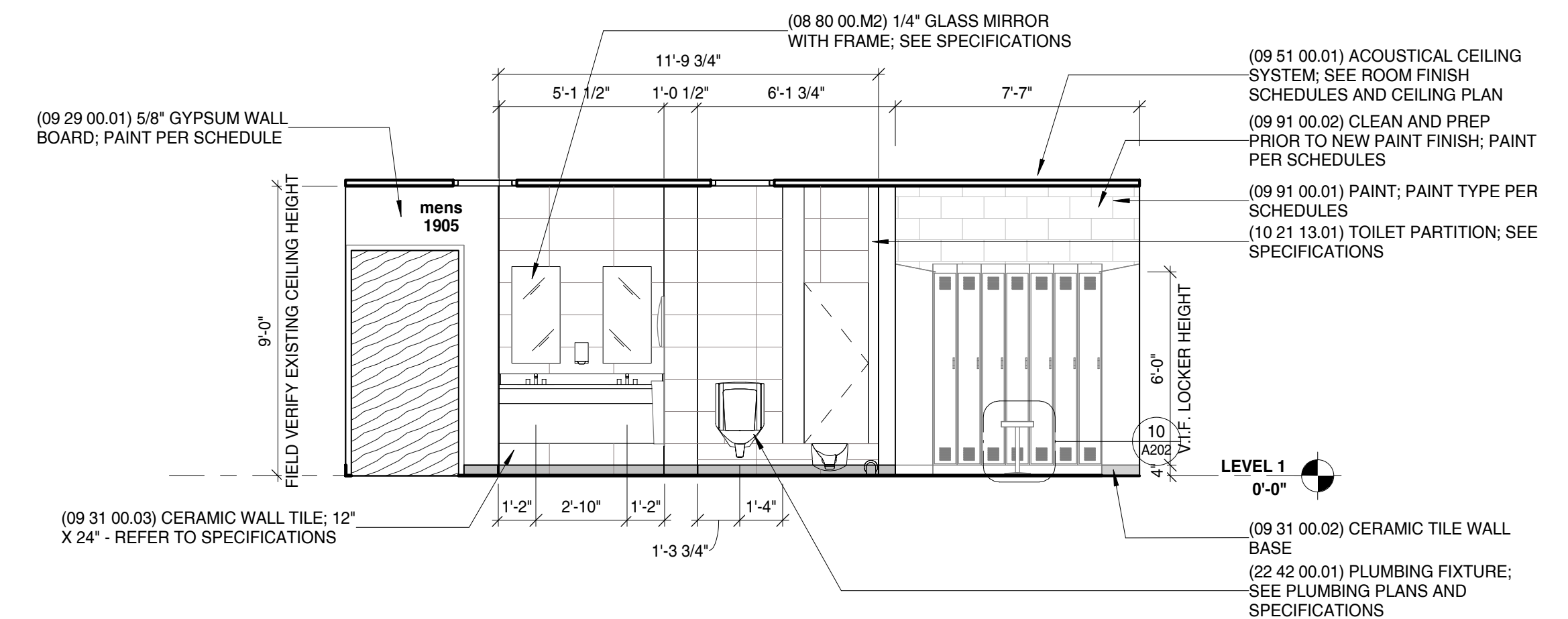
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Interior Elevations

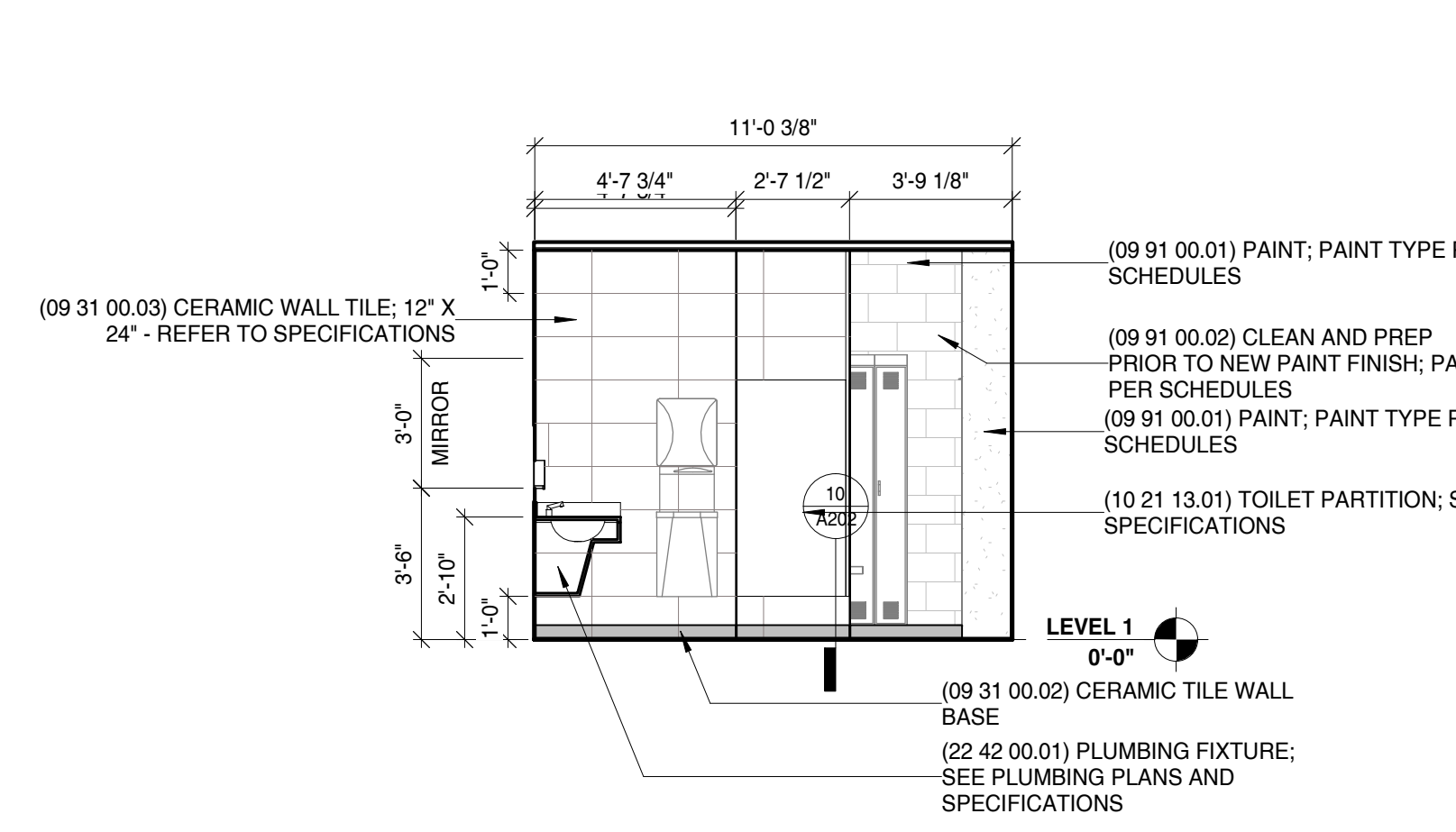
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Bid Set Drawings

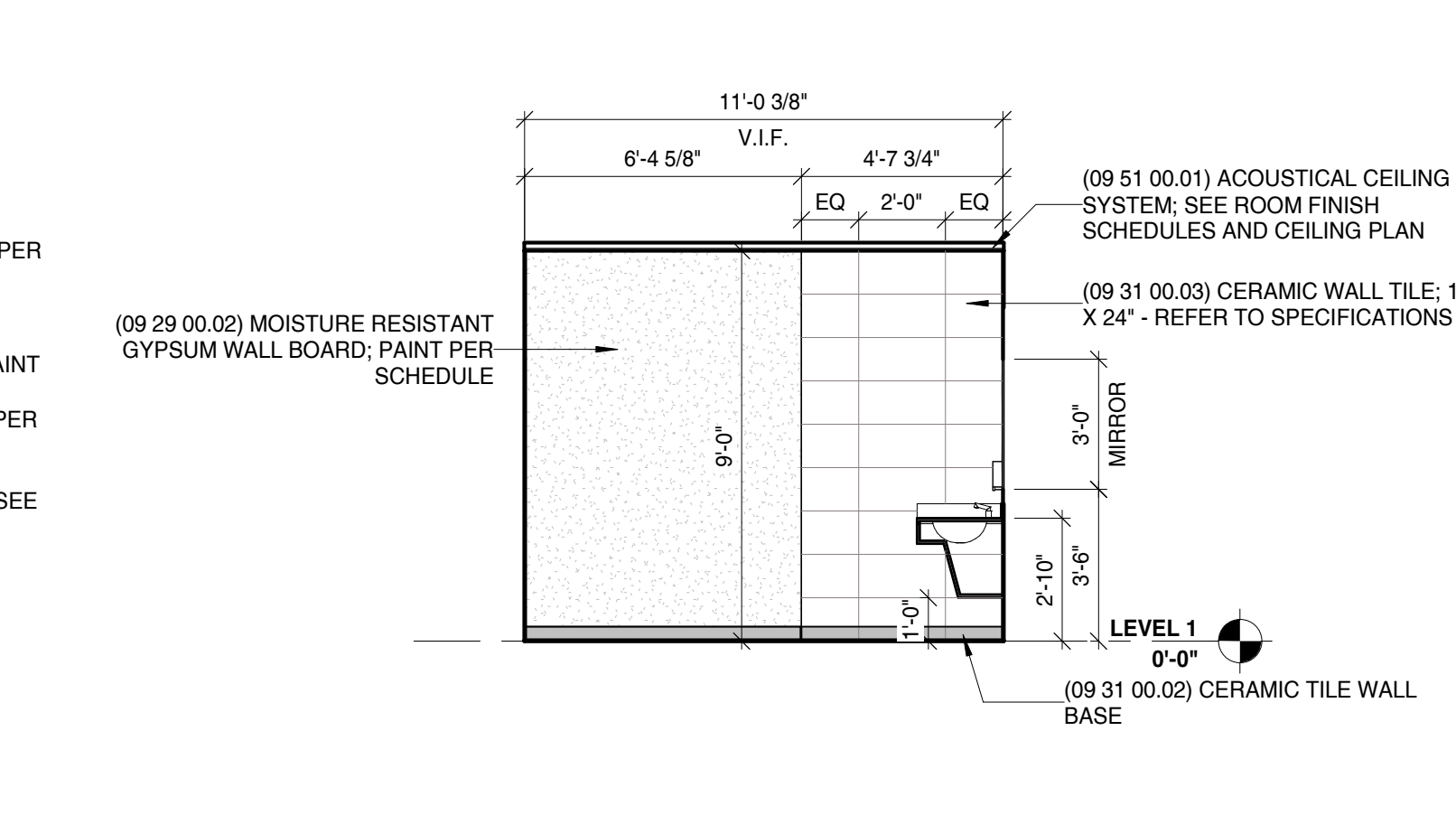
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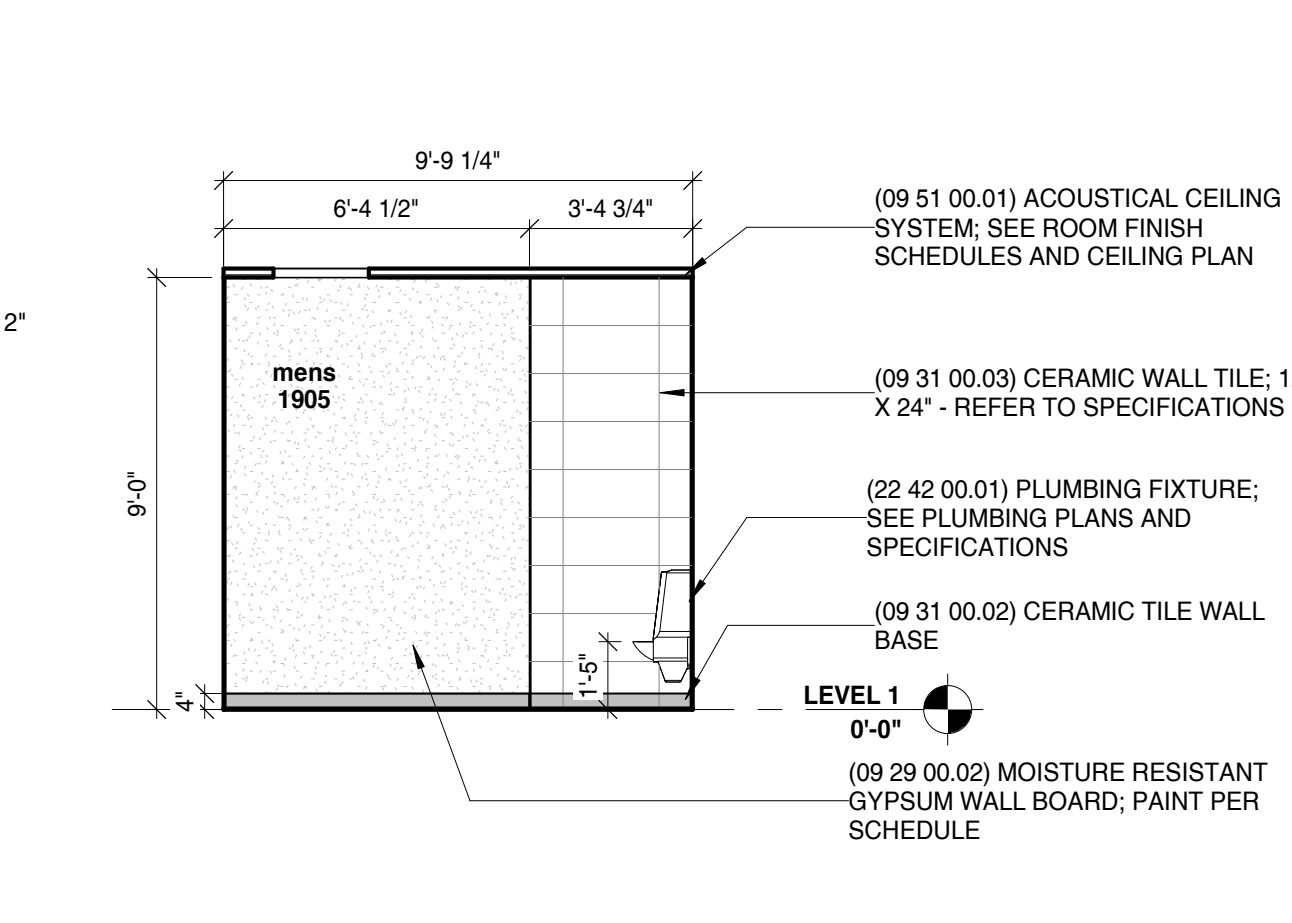
1 Men's 1905 - South 1/4" = 1'-0"



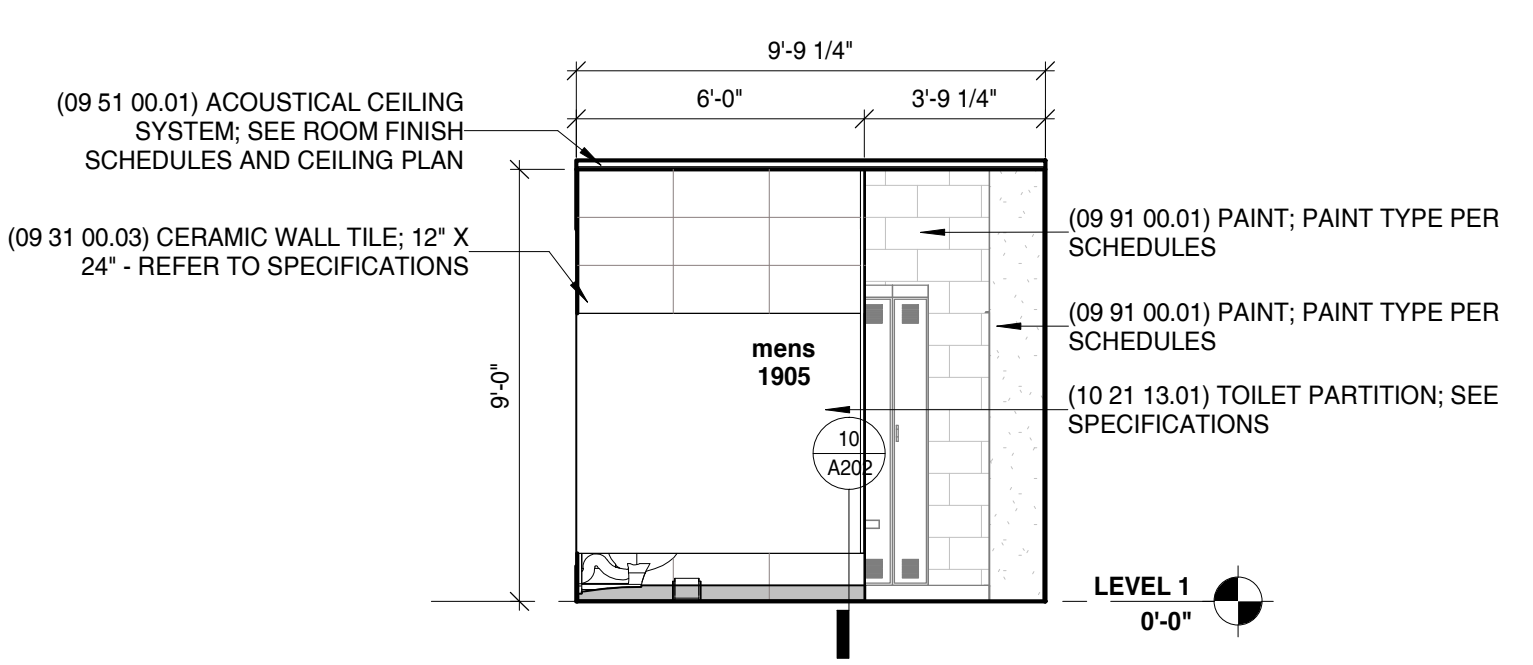
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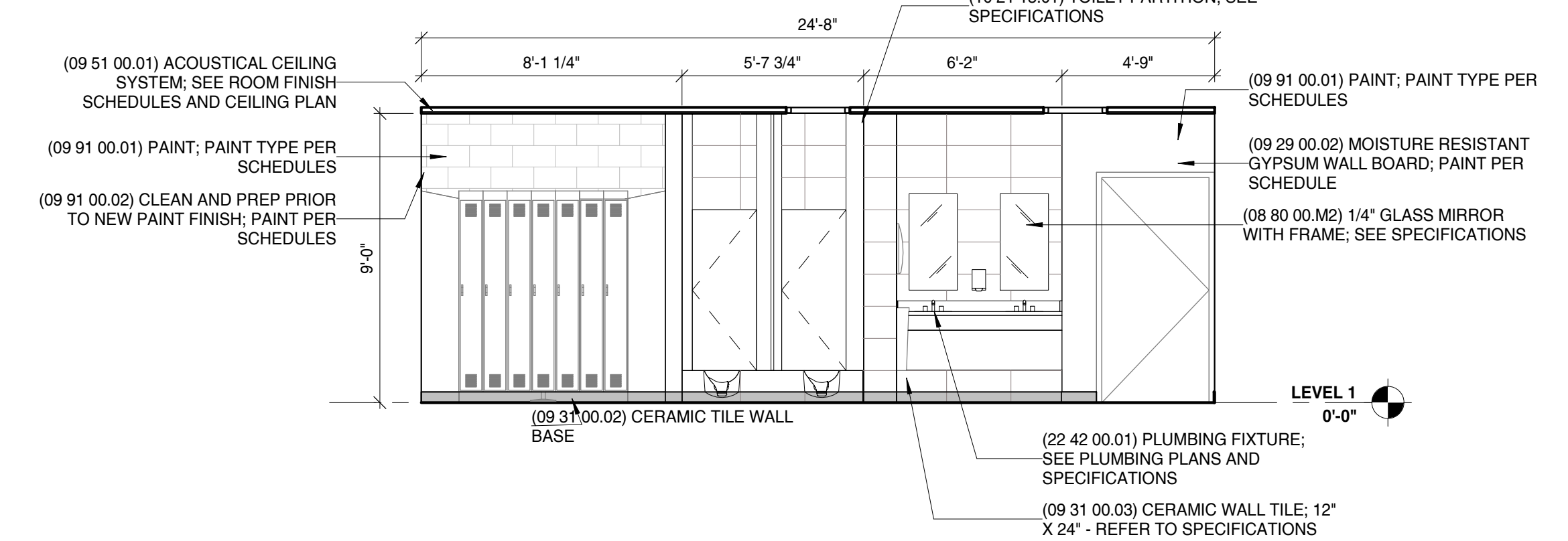
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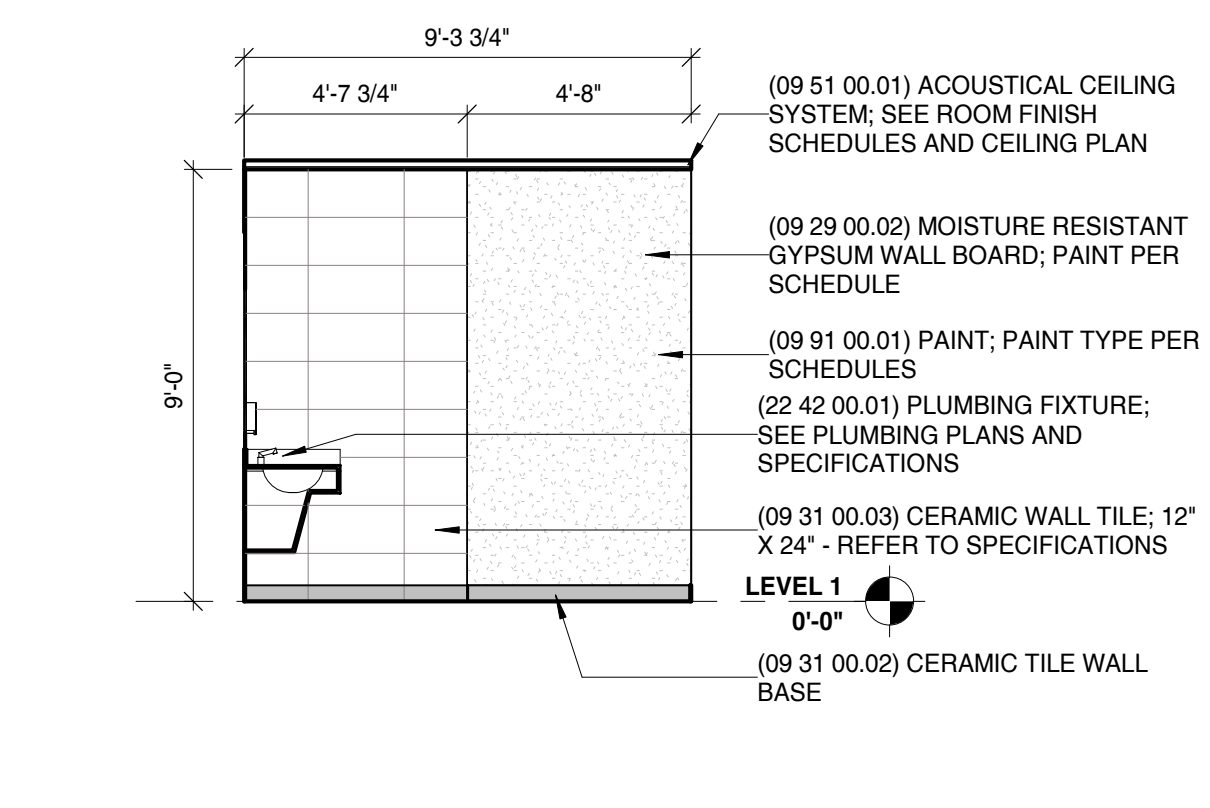
4 Men's 1903 - East @ Stalls 1/4" = 1'-0"



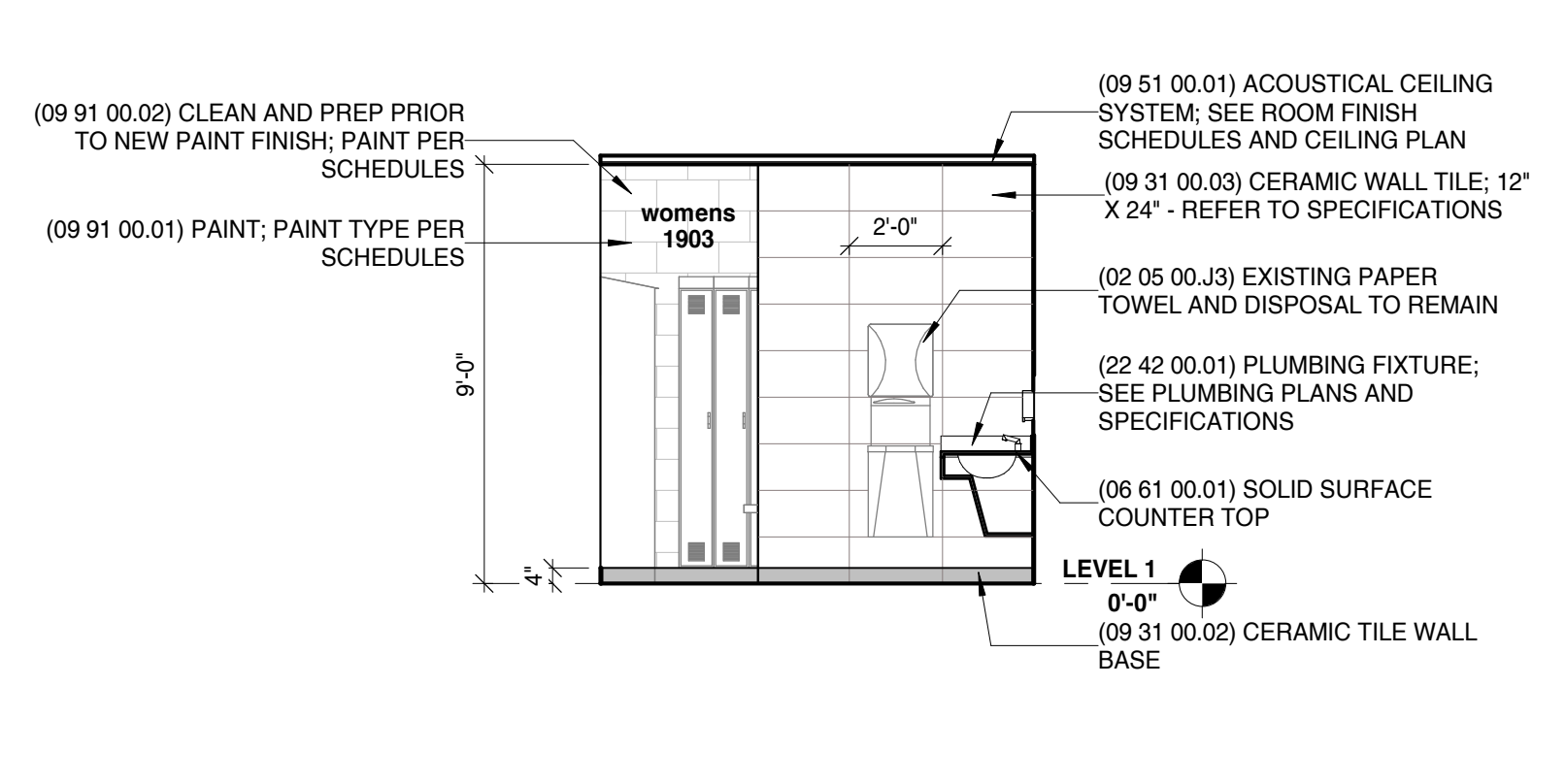
5 Men's 1905 - West @ Stalls 1/4" = 1'-0"



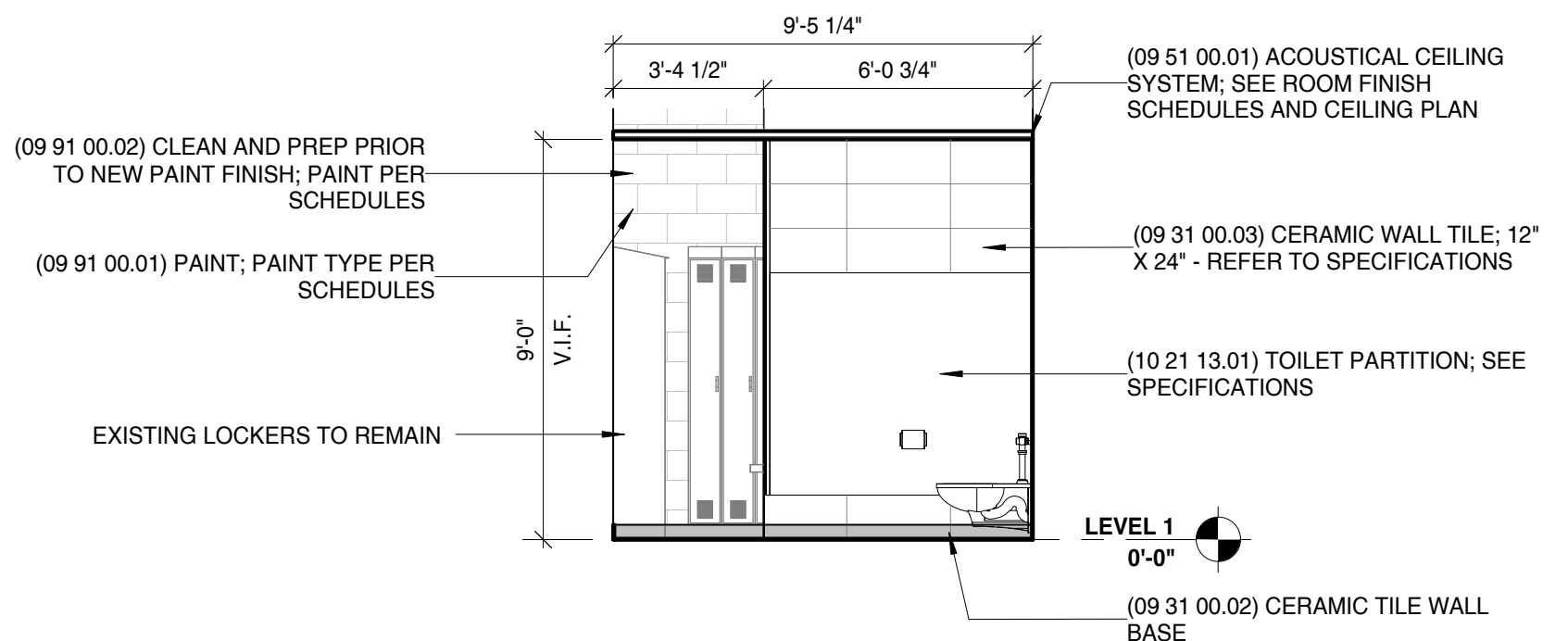
6 Women's 1903 - North 1/4" = 1'-0"



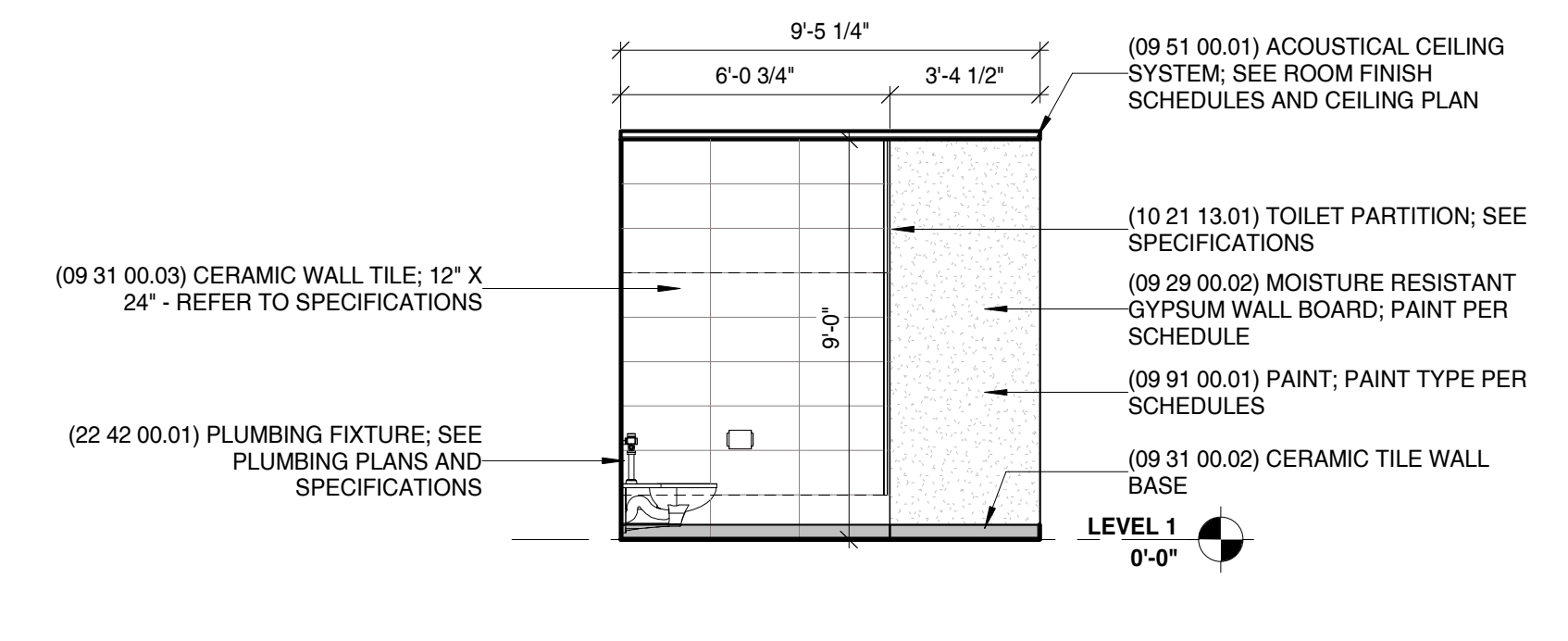
7 Women's 1903 - East @ Sink 1/4" = 1'-0"



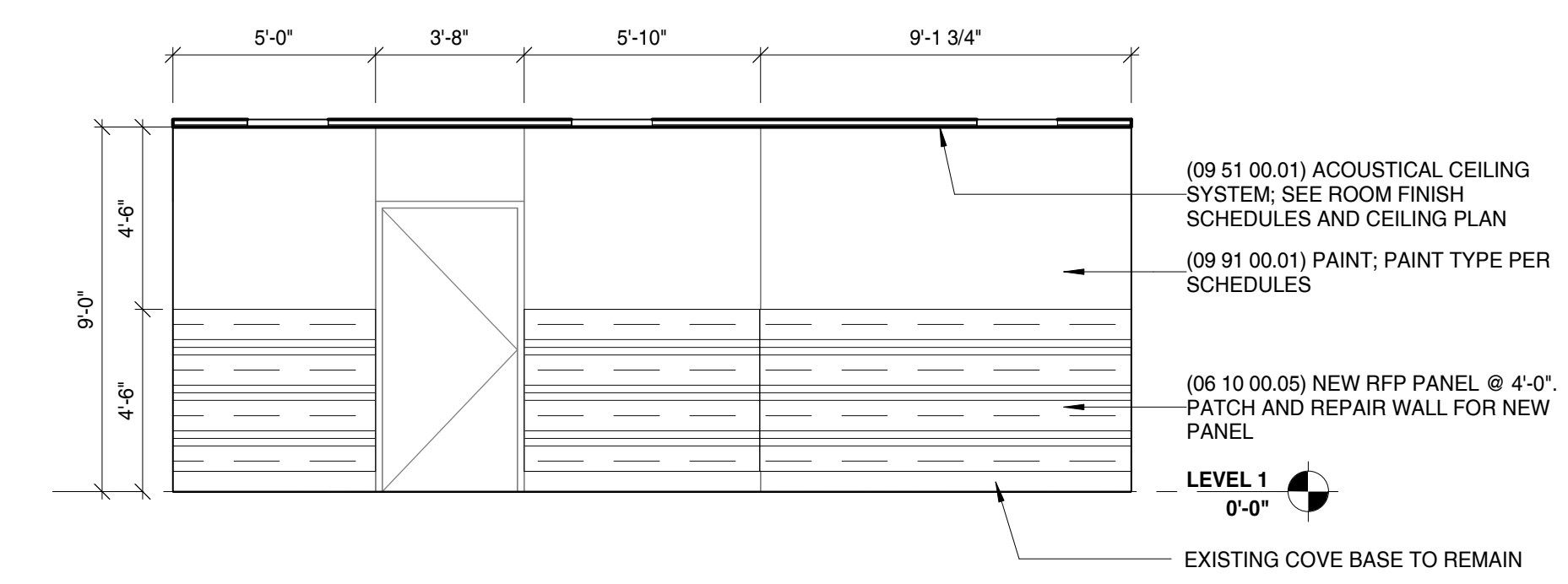
8 Women's 1903 - West @ Sink 1/4" = 1'-0"



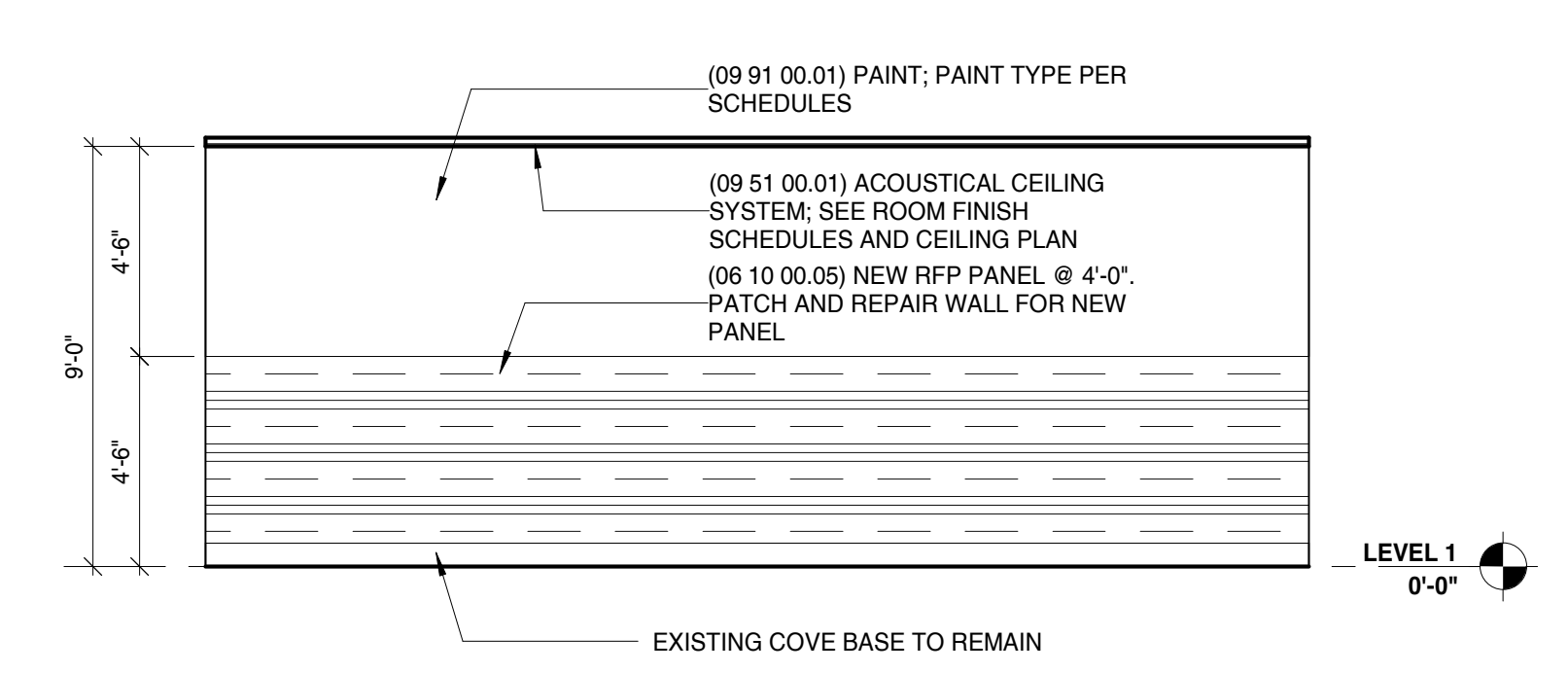
9 Women's 1903 - West @ Stalls 1/4" = 1'-0"



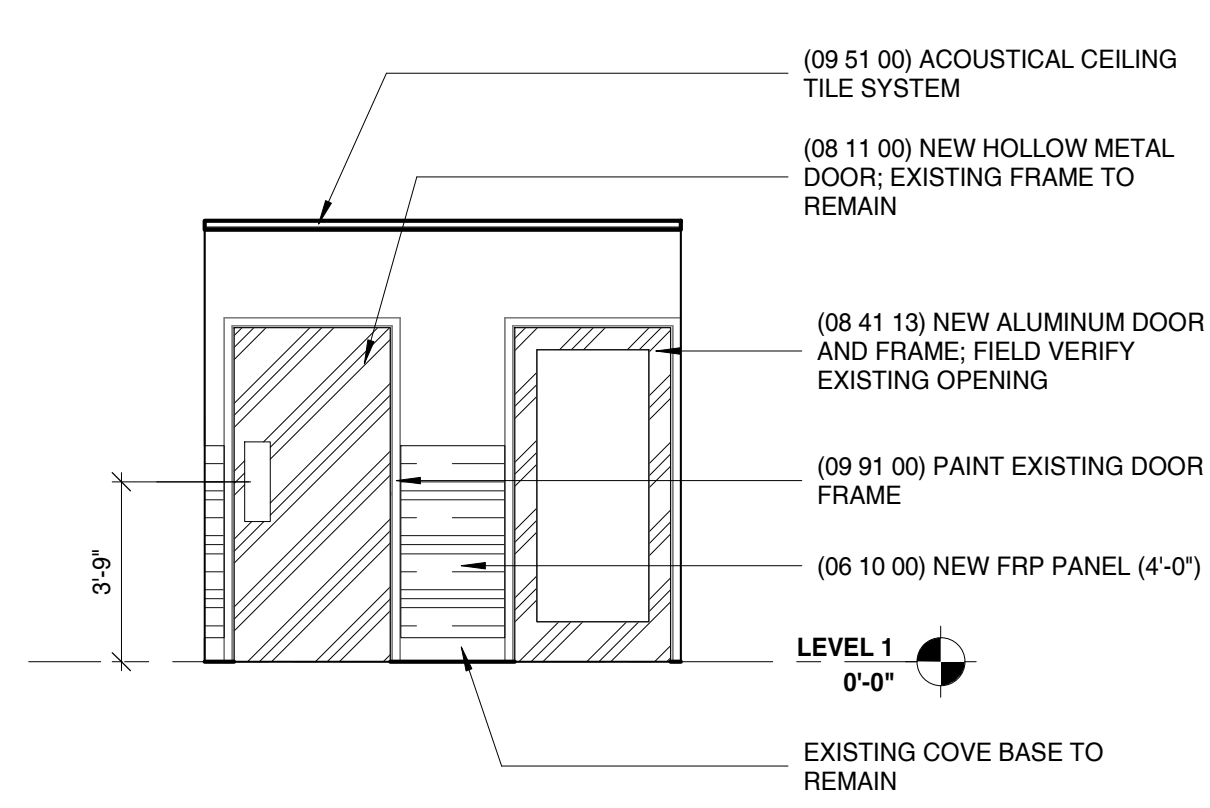
10 Women's 1903 - East @ Stalls 1/4" = 1'-0"



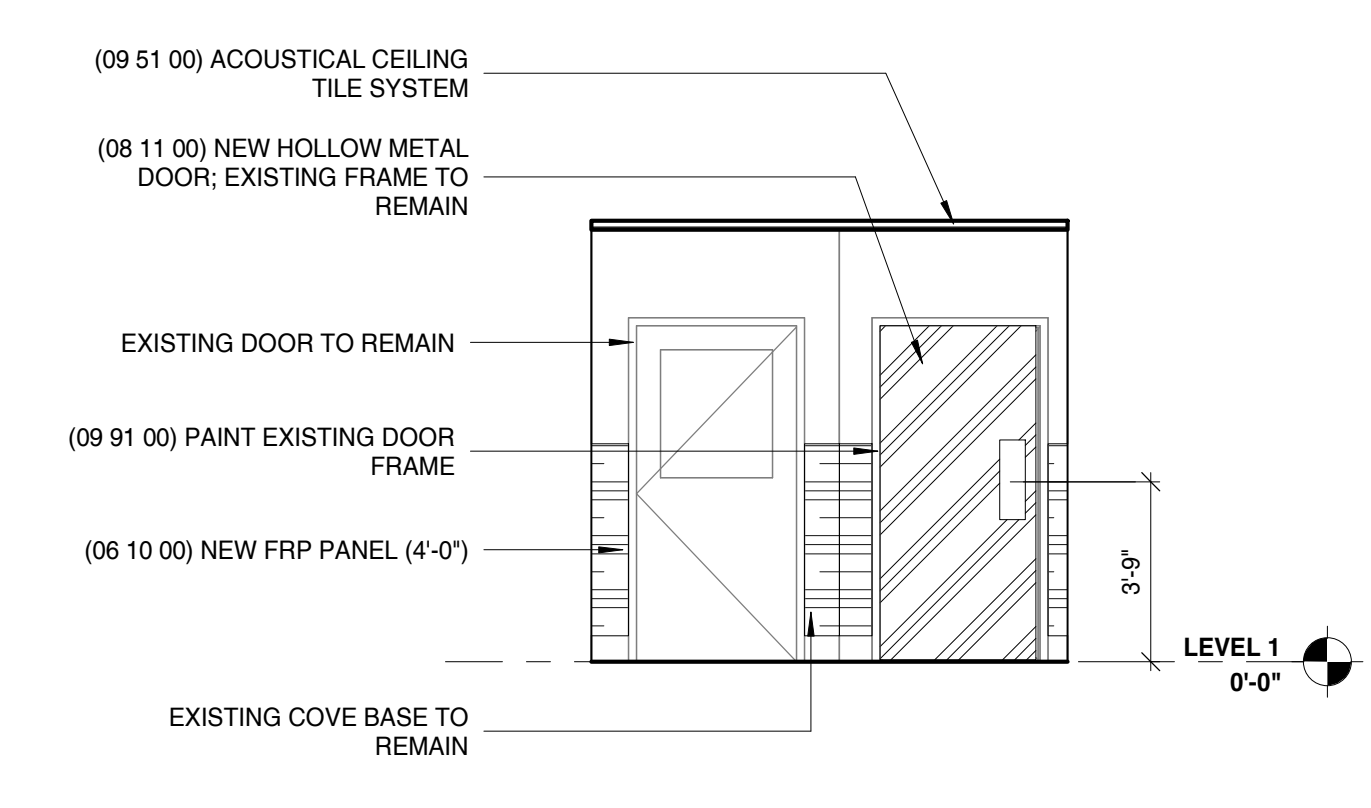
11 Corridor 1908 - West 1/4" = 1'-0"



12 Corridor 1908 - East 1/4" = 1'-0"



13 Corridor 1908 - North 1/4" = 1'-0"



14 Corridor 1908 - South 1/4" = 1'-0"

PROJECT

PROJECT:
#2310 Public Safety Building - North Employee Washroom Remodel

1000 55th Street
 Kenosha, WI 53140

OWNER:
 Kenosha County

PROJECT ISSUE DATE:
 March 16, 2023



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 phone: 262.657.8101 web: www.kuenyarch.com

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Architect of Record - Jon P. Wallenkamp

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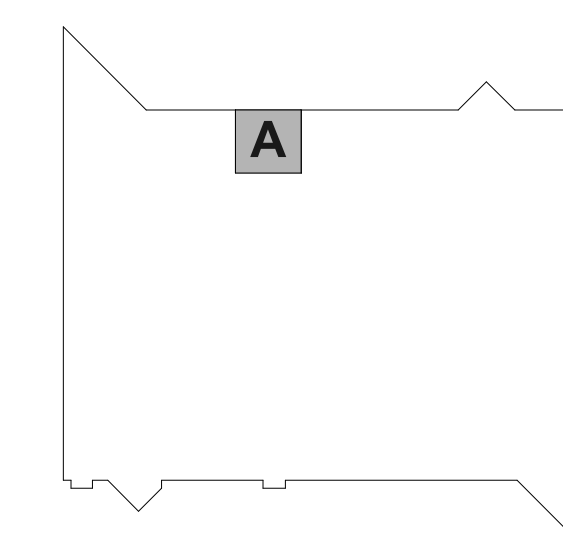
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 Phone: (847) 249-8398
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REVISIONS

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KEY PLAN



SCALE: As Indicated

SHEET

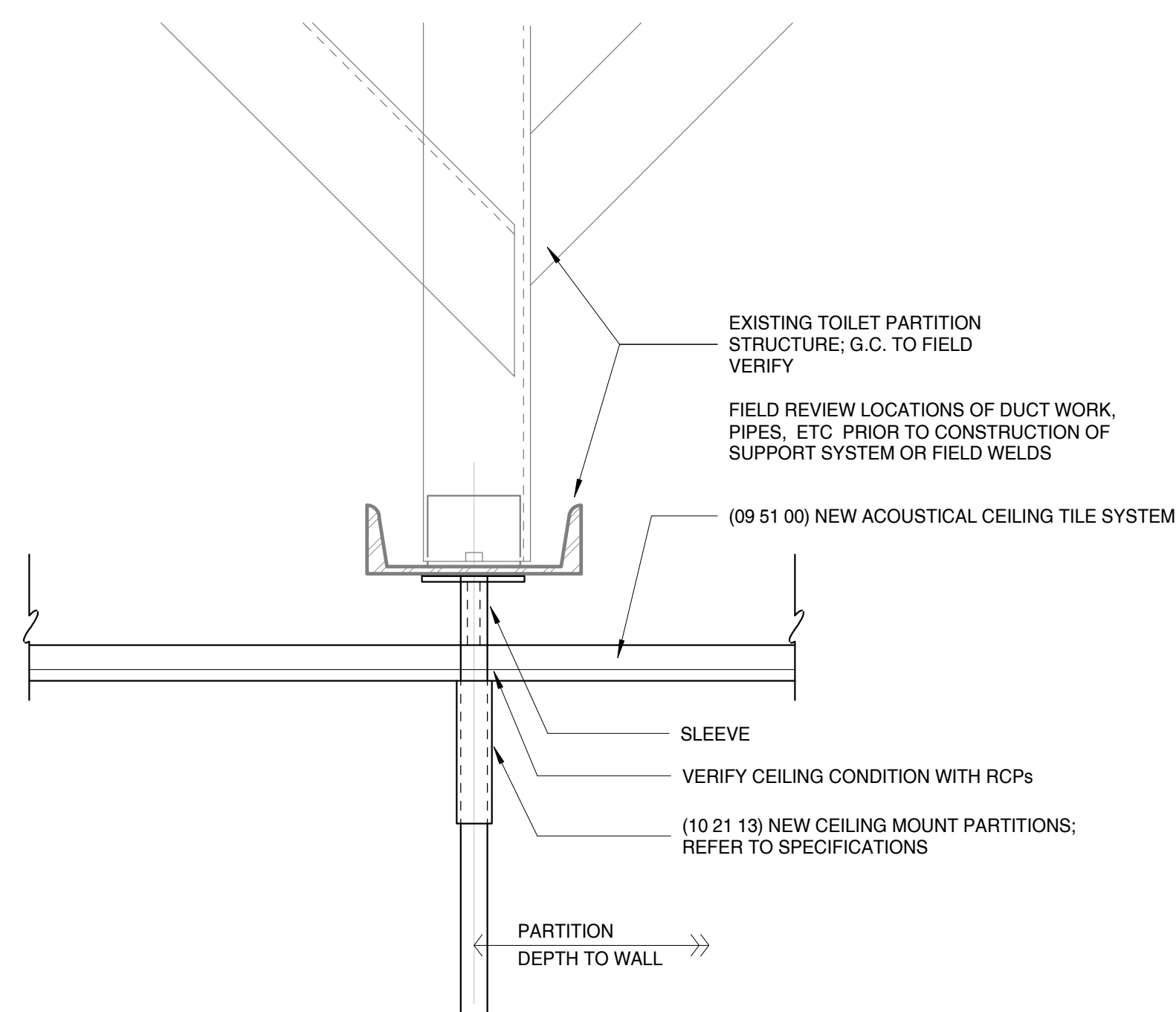
SHEET TITLE:

Interior Elevations and Details

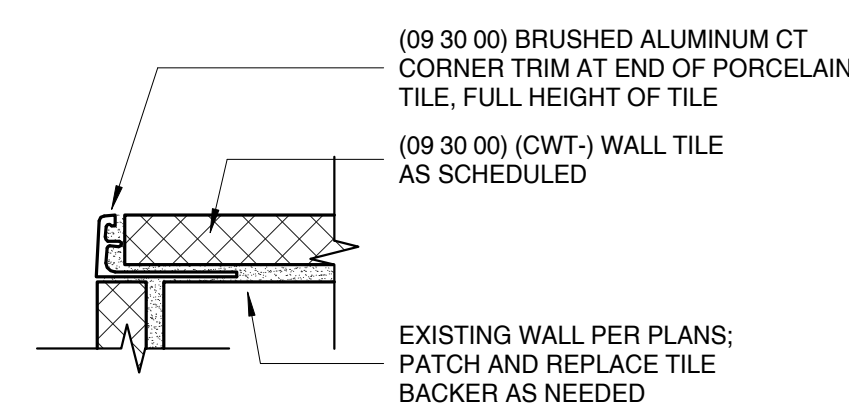
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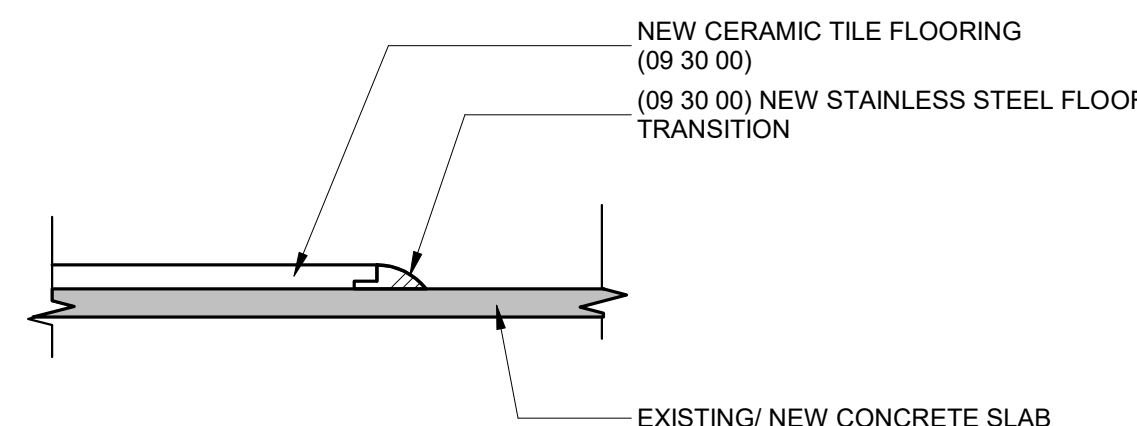
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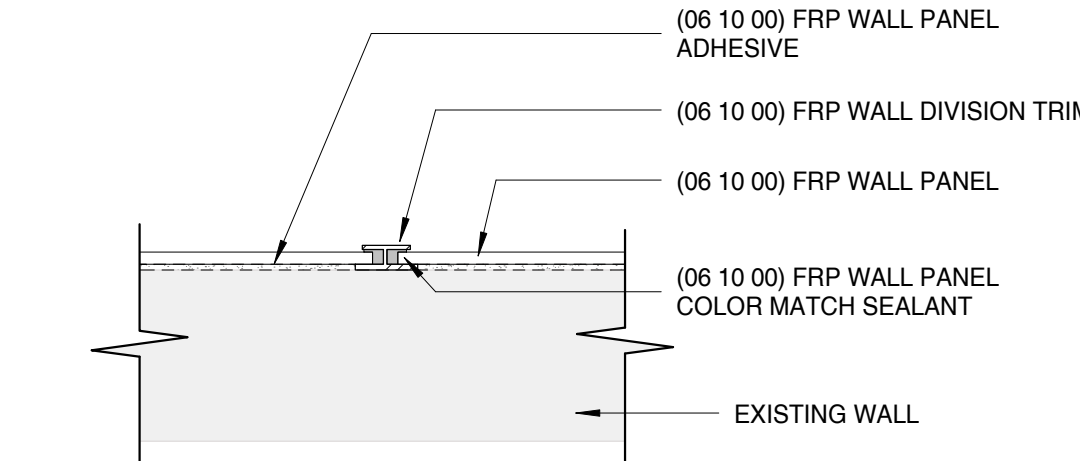
1 Toilet Partition Support
 3" = 1'-0"



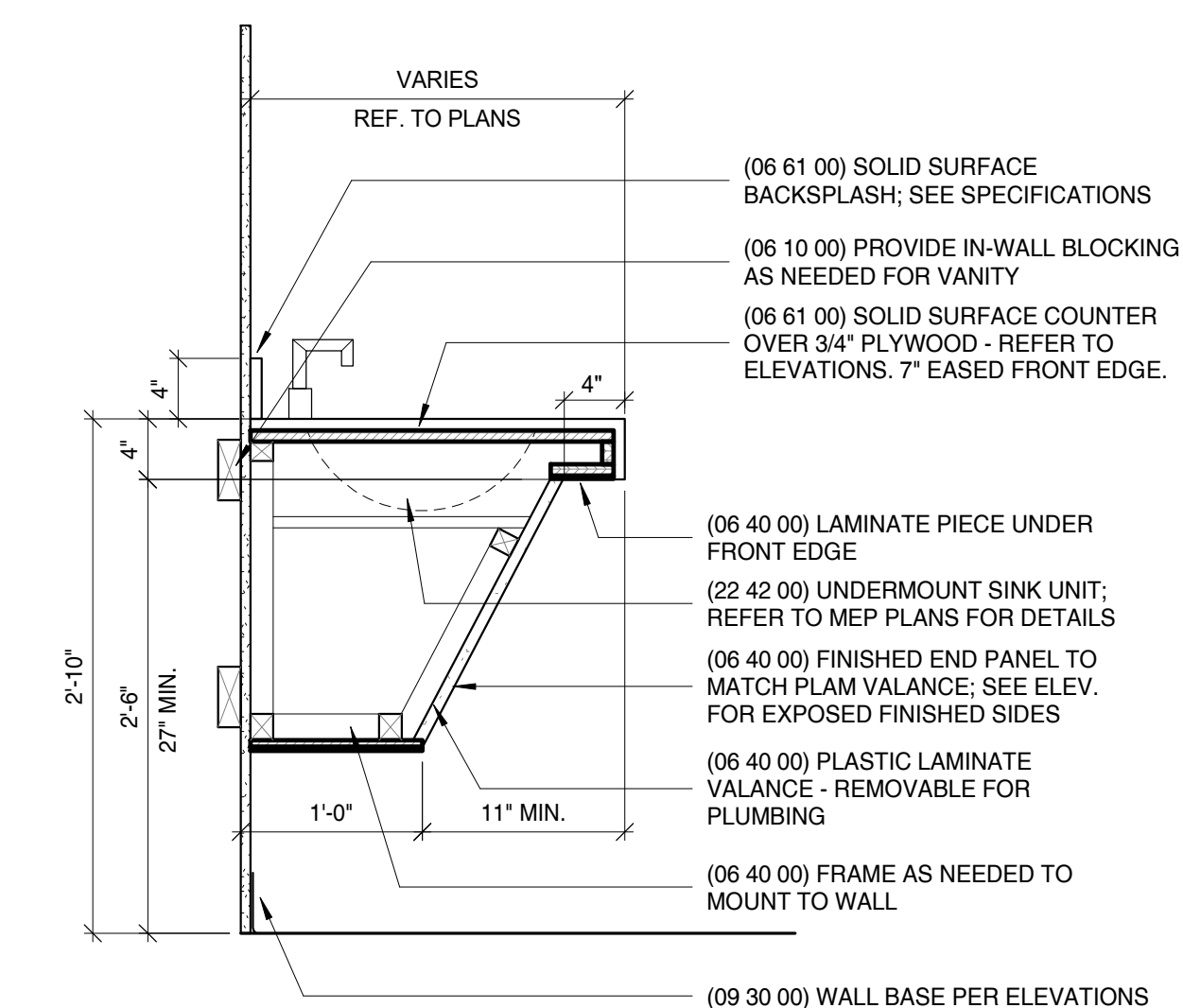
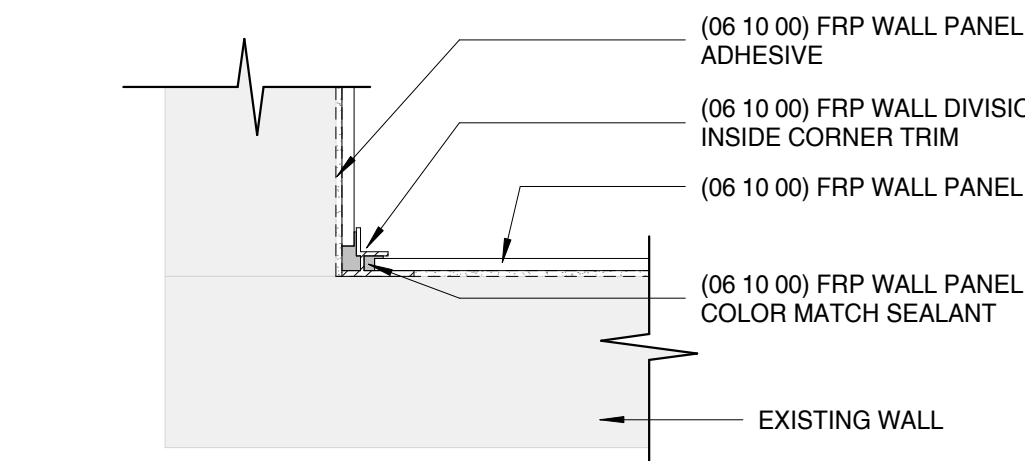
2 Wall Tile - Corner Trim Detail
 3" = 1'-0"



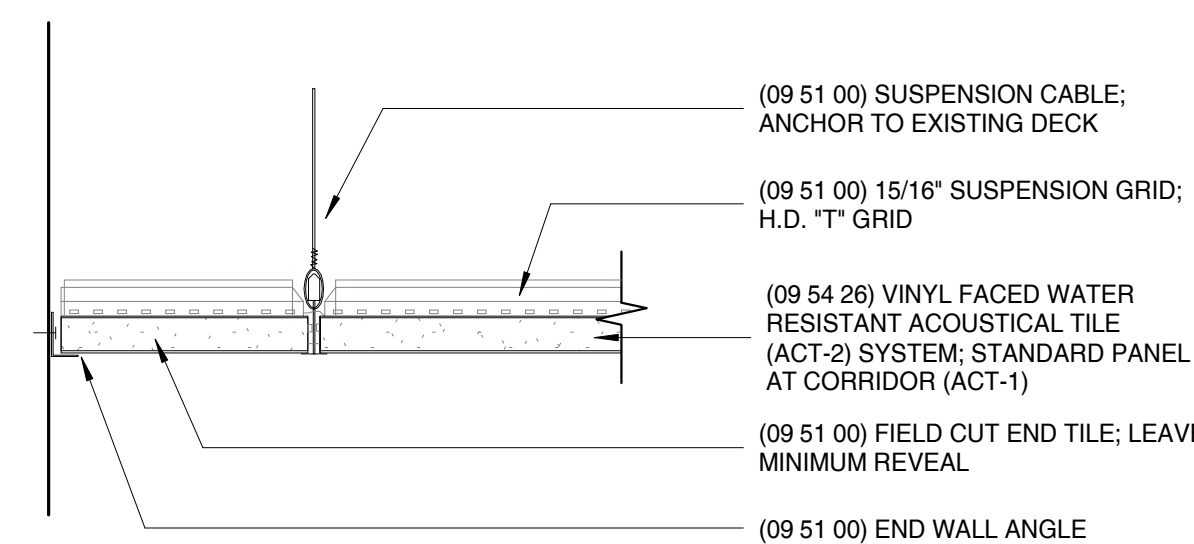
3 Wall Tile - Base Detail
 3" = 1'-0"



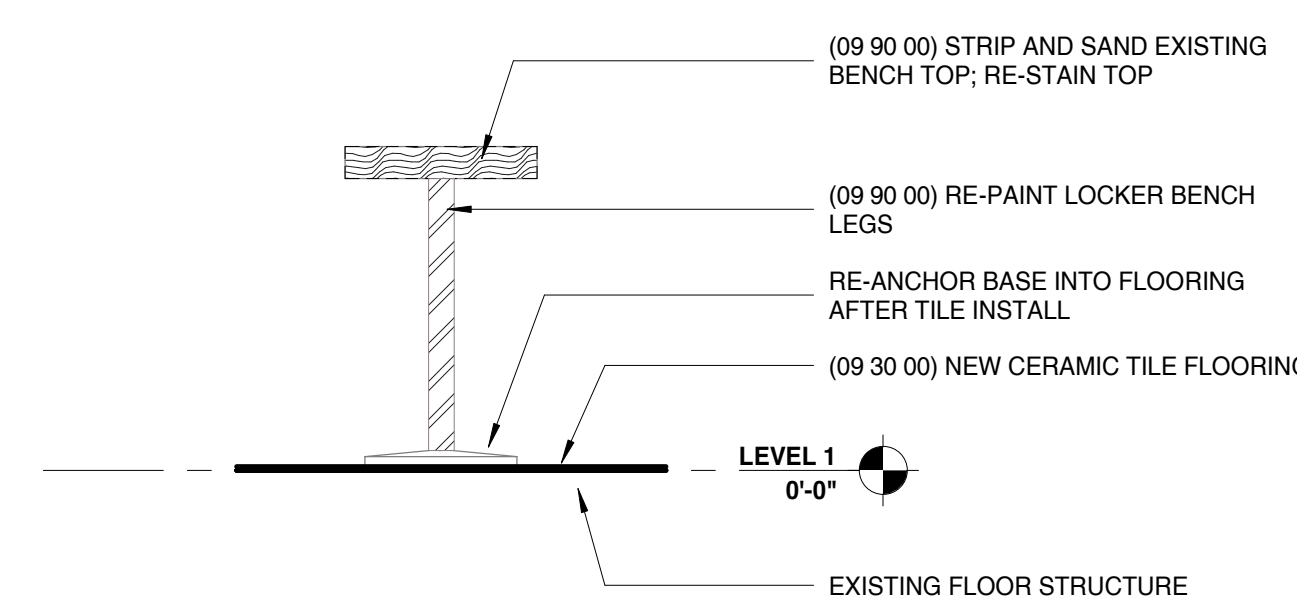
4 Wall Tile - Ceiling Termination
 3" = 1'-0"



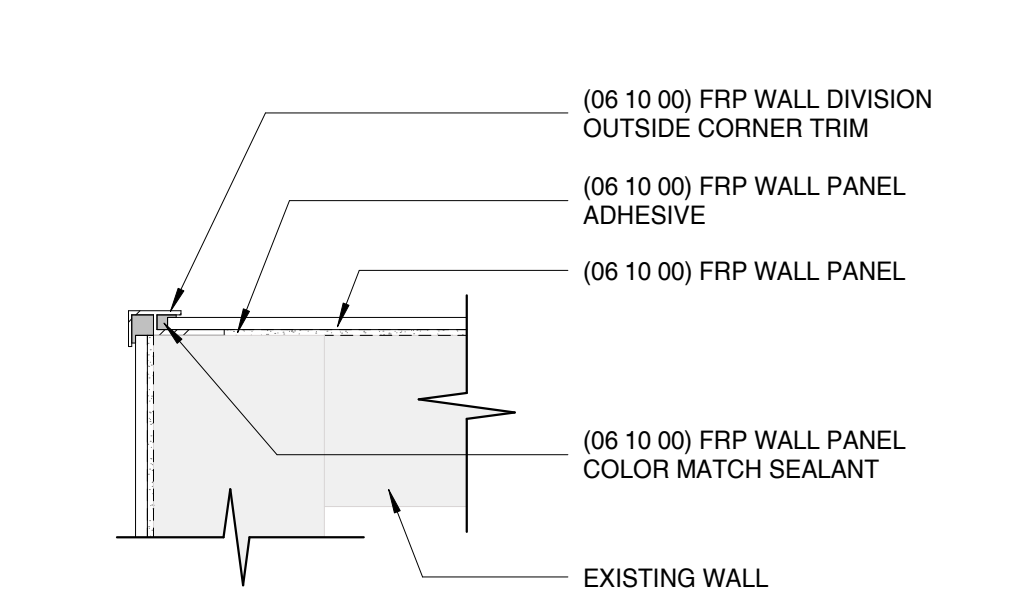
6 Base Transition at Existing Concrete
 3" = 1'-0"



7 FRP Panel - Joint Detail
 3" = 1'-0"



8 FRP Panel - Inside Joint
 3" = 1'-0"



5 Wall Mount Sink Vanity - Typical
 1" = 1'-0"

9 Acoustical Tile Detail
 3" = 1'-0"

10 Wood Locker Bench
 1" = 1'-0"

11 FRP Panel - Outside Joint Detail
 3" = 1'-0"

PROJECT

PROJECT:
Kenosha Courthouse Restroom Renovation

912 56th St, Kenosha, WI 53140

OWNER:

PROJECT ISSUE DATE:
 03-16-2023



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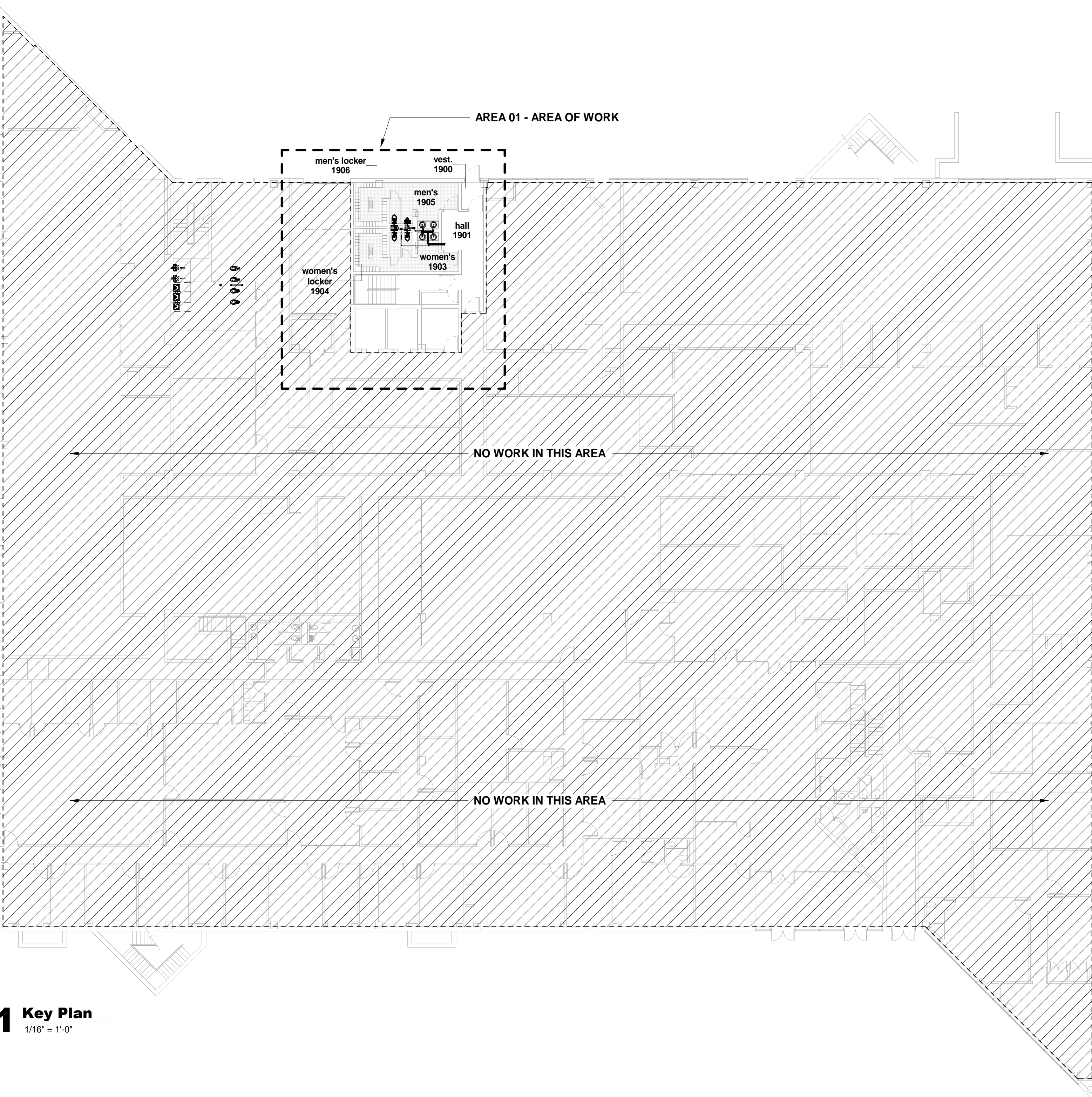
MEP

Root Engineering Services, P.C.
 Phone: (847) 249-8398
 Address: 4215 Grove Avenue
 Gurnee, Illinois 60031

Engineer of Record - Richard Root

REVISIONS

REV. / DESCRIPTION DATE



1 Key Plan
 1/16" = 1'-0"

GENERAL PLUMBING NOTES (COPPER)

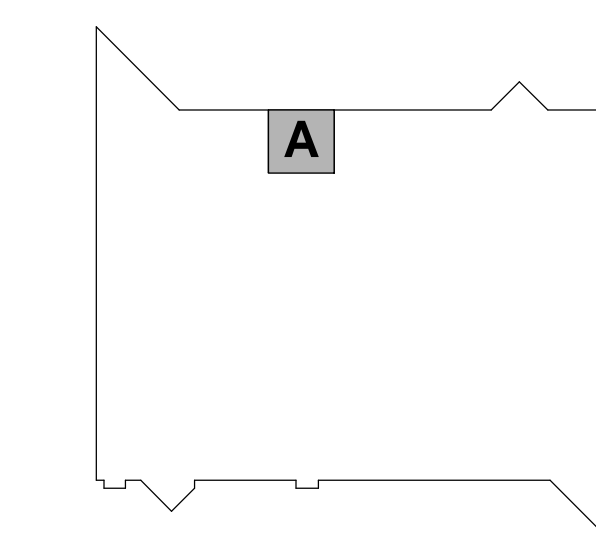
1. THE PLUMBING SUBCONTRACTOR SHALL PROVIDE A COMPLETE AND USABLE SYSTEM WITH THE INTENT AND SPIRIT OF THAT INDICATED BY THESE DRAWINGS. WORK OR MATERIALS NOT SHOWN BY THE DRAWINGS, BUT NECESSARY TO COMPLETE THE SYSTEM, SHALL BE INCLUDED AT NO ADDITIONAL COST. THE PLUMBING SUBCONTRACTOR SHALL FURNISH AND INSTALL ALL PLUMBING SYSTEM REQUIREMENTS INCLUDING FIXTURES, WASTE, VENT, GAS AND WATER PIPE, ACCESSORIES, CUTTING AND PATCHING, ETC.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MAKE ADJUSTMENTS TO AVOID CONFLICT. NOTIFY THE ENGINEER IN WRITING OF SIGNIFICANT CONSTRUCTABILITY ISSUES.
3. THE PLUMBING SUBCONTRACTOR SHALL VERIFY PLACEMENT OF ALL FIXTURES, EXISTING PIPE, MECHANICAL EQUIPMENT, AND RELATED WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND TRADES BEFORE ROUGHING IN.
4. MINOR VARIATION IN PIPING TO AVOID CONFLICT WILL BE ACCEPTED. NOTIFY THE ENGINEER IN WRITING OF SIGNIFICANT CONSTRUCTABILITY ISSUES.
5. IF DEMOLITION OF EXISTING BUILDING COMPONENTS WHICH ARE TO REMAIN IS REQUIRED, COORDINATE RESTORATION OF DISTURBED FINISH WORK (E.G. FLOOR SLAB, FLOOR FINISHES, ETC.) WITH GC.
6. LOCATIONS OF EXISTING PIPE INDICATED ON THIS DRAWING ARE BASED ON RECORDS WHICH MAY BE INACCURATE. THE PLUMBING SUBCONTRACTOR SHALL FIELD VERIFY ADJUST IF REQUIRED, AT NO ADDITIONAL COST.
7. FIELD VERIFY EXISTING WASTE PIPE INVERTS AND ADEQUACY OF NEW WASTE PIPE FALL. NOTIFY ENGINEER IN WRITING IF CONFLICTS EXIST.
8. ALL MATERIALS WILL BE NEW AND IN NEW CONDITION.
9. THE PLUMBING SUBCONTRACTOR SHALL PREPARE A SUBMITTAL PACKAGE WHICH DETAILS PROPOSED EQUIPMENT (FIVE COPIES), AT MINIMUM THE SUBMITTAL PACKAGE WILL CONTAIN DETAILED DATA ON PLUMBING FIXTURES, VALVES, DEVICES AND ACCESSORIES. EQUAL EQUIPMENT TO THAT SPECIFIED WILL BE CONSIDERED IF PERFORMANCE, APPEARANCE, SERVICEABILITY AND QUALITY ARE JUDGED BY THE ENGINEER AND/OR ARCHITECT TO BE EQUAL OR BETTER.
10. ALL WORK SHALL COMPLY WITH COGNIZANT CODES, REGULATIONS, LAWS AND THE DETERMINATIONS OF THE LOCAL BUILDING OFFICIAL AT NO EXTRA COST. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY CONFLICT BETWEEN THE PLANS AND APPLICABLE CODES.
11. WHEN SYSTEMS ARE COMPLETE AND OPERATIONAL, A "PUNCH LIST" INSPECTION SHALL BE REQUESTED BY THE CONTRACTOR. SUCH AN INSPECTION SHALL NOT BE CONDUCTED ON INCOMPLETE OR NON-OPERATIONAL SYSTEMS.
12. UPON COMPLETION OF WORK, SUBMIT FOUR COPIES OF OPERATION AND MAINTENANCE MANUALS, AS BUILT DRAWINGS, GUARANTIES AND WARRANTIES. AT MINIMUM, THE CONTRACTOR WILL WARRANTY ALL WORK, EQUIPMENT AND MATERIALS FOR ONE YEAR PAST BENEFICIAL OCCUPANCY OR SUBSTANTIAL COMPLETION.
13. SUPPORT ALL PIPE PER CODE WITH CLEVIS HANGERS, UNISTRUT OR SIMILAR. PLUMBERS TAPE WILL NOT BE ACCEPTED. CLEVISES FOR WATER PIPE SHALL BE COPPER.
14. INSULATE ALL WATER PIPE WITH FIBERGLASS PREFORMED PIPE INSULATION AND ALL PURPOSE JACKET. 1" THICK 4 PCF FOR 1/2" - 1-3/4" PIPE SIZE, 1-1/2" THICK FOR 1-1/2" AND LARGER PIPE. KNAUF OR EQUAL.
15. ALL WATER VALVES SHALL BE 2-PIECE BALL VALVES, BRONZE BODY, SS BALL. GAS VALVES SHALL BE STEEL COCKS, RATED FOR GAS SERVICE. STOCKHAM OR EQUAL. INSTALL A UNION WITH EACH VALVE.
16. ABOVE FLOOR PLUMBING MATERIALS:
 WATER PIPE SHALL BE OF MATERIAL LISTED IN TABLE BELOW.
 WASTE/VENT PIPE SHALL BE OF MATERIAL LISTED IN TABLE BELOW.
17. BELOW GROUND PLUMBING MATERIALS:
 WATER PIPE SHALL BE OF MATERIAL LISTED IN TABLE BELOW.
 WASTE/VENT PIPE SHALL BE OF MATERIAL LISTED IN TABLE BELOW WITH BELL AND SPIGOT PLACED IN A CLEAN SAND BED.
 MINIMUM UNDERGROUND BUILDING DRAIN SIZE IS TO BE 4".
18. MINIMUM BUILDING SEWER SIZE IS TO BE 6".
19. COLORED PRIMER AND COLORED GLUE SHALL BE USED ON ALL PVC PIPING OR A STACK TEST SHALL BE PERFORMED
20. NO PVC WASTE OR VENT PIPING MAY BE INSTALLED IN A PLENUM CEILING.
21. NO WATER PIPES TO BE INSTALLED IN ATTIC OR OTHER UNCONDITIONED SPACES.

PLUMBING FIXTURE SCHEDULE

P-1a	ADA ADULT WC: STANDARD CONSUMPTION FLOOR MOUNT, TOP SPUD, ELONGATED BOWL, FLUSH VALVE WATER CLOSET, AMERICAN STANDARD "MADERA" 3461.001. INCLUDE BATTERY POWERED SLOAN 115 SMO FLUSH VALVE, 1.28 GPF. BEMIS SOLID PLASTIC ANTIBACTERIAL OPEN FRONT SEAT, TOP OF SEAT 18" AFF.
P-1b	ADULT WC: SAME AS P-1A, EXCEPT MOUNT SEAT AT 15" AFF
P-2a	ADA ADULT URINAL: AMERICAN STANDARD "WASHBROOK" 6590.001 WALL MOUNTED, VITREOUS CHINA, 3/4" INLET TOP SPUD URINAL. FURNISH AND INSTALL WITH BATTERY POWERED SLOAN 186 SMO SENSOR FLUSH VALVE 0.5 GPF. INCLUDE URINAL CARRIER JR SMITH MODEL #0609 OR EQUAL. TOP OF FRONT RIM TO BE 15 1/4" AFF.
P-2b	ADULT URINAL: SAME AS P-2a, EXCEPT MOUNT TOP OF FRONT RIM AT 24" AFF
P-3	ADA LAVATORY: KOHLER VITREOUS CHINA UNDERMOUNT ADA LAVATORY MODEL K-2882 "VERTICYL" 17.25x13" WITH SLOAN OPTIMA BATTERY SENSOR ACTIVATED FAUCET SF-2150 CENTERSET WATER SENSE LISTED. INCLUDE JR SMITH CARRIER, 1-1/4" H.C. STYLE TAILPIECE WITH GRID STRAINER, 17 GA C.P. P-TRAP, TWO 1/2" ANGLE SUPPLIES/STOPS, TRUBRO HC INSULATION, TOP OF RIM 33" AFF. INCLUDE UNDER SINK ASSE TEMPER VLV, WATTS USG-B OR EQ, SET AT 110F
FD-1	FLOOR DRAIN: JR SMITH M/N 2010A. SQUARE NI-BR TOP. 4" TRAP. INCLUDE TRAP GUARD.
FD-2	FLOOR DRAIN: JR SMITH M/N 2010A. SQUARE NI-BR TOP. 3" TRAP. INCLUDE TRAP GUARD.

3 Plumbing Fixture Schedule
 n/s

KEY PLAN



SHEET

SHEET TITLE:

Overall Plumbing Plan

P100

PROJECT

PROJECT:
Kenosha Courthouse Restroom Renovation

912 56th St, Kenosha, WI 53140

OWNER:

PROJECT ISSUE DATE:
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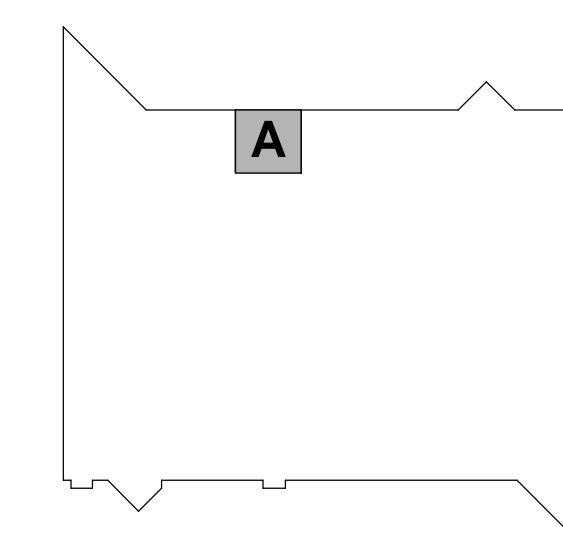
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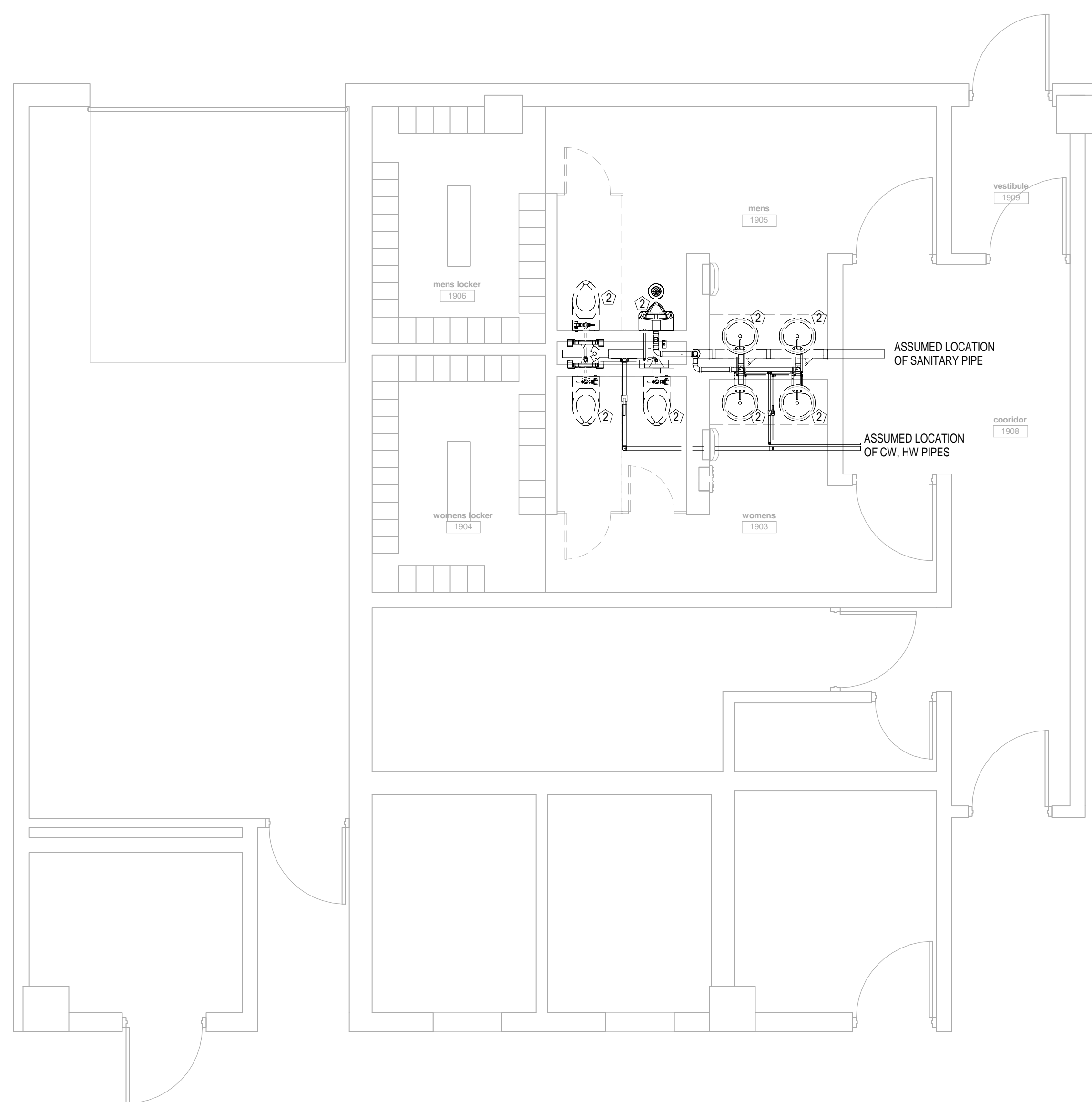


PLAN NORTH
 SCALE: 1/4" = 1'-0"

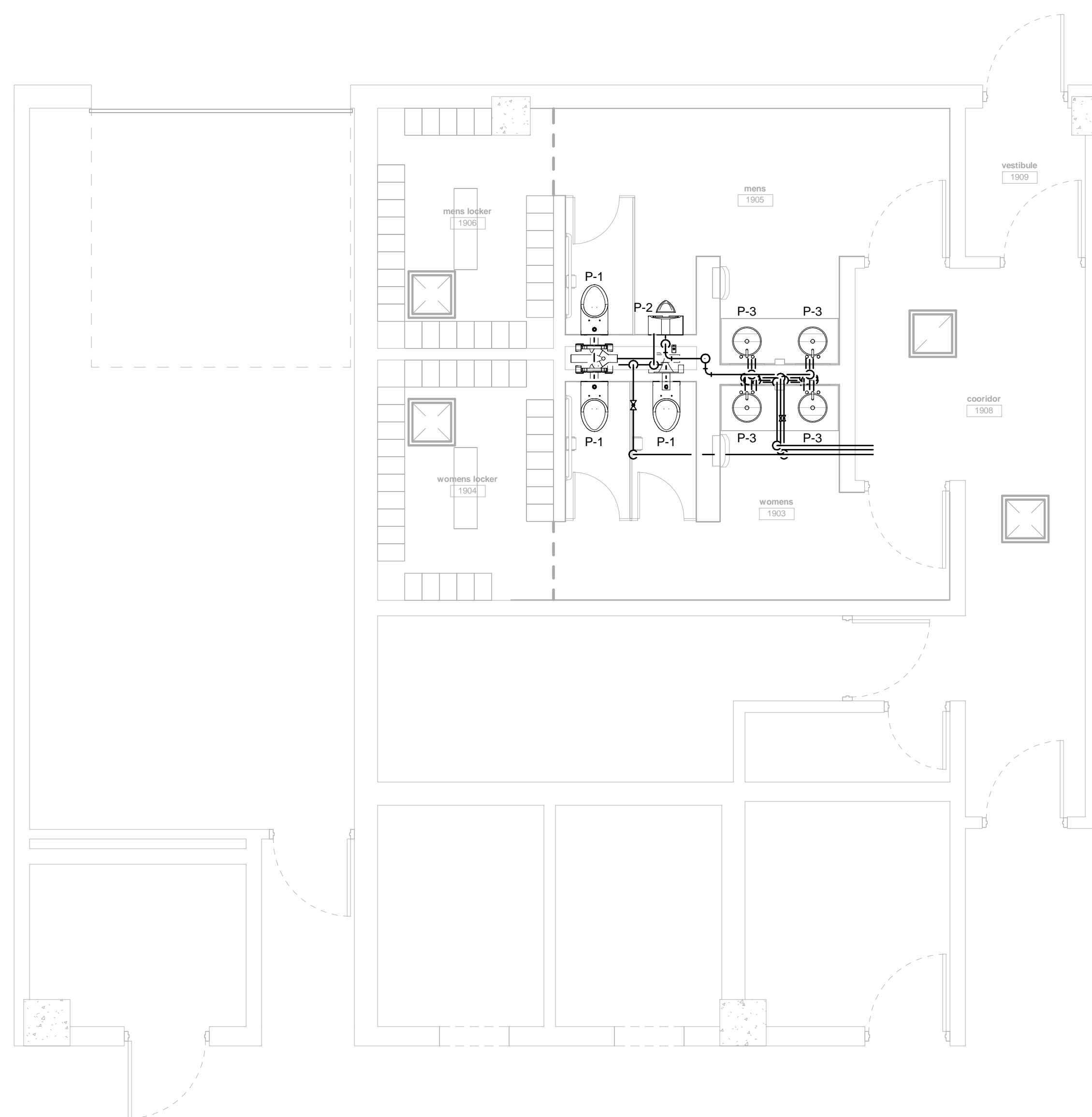
SHEET

SHEET TITLE:

Enlarged Plumbing Views



1 Mens and Womens Locker Rooms Demo Plan
 1/4" = 1'-0"



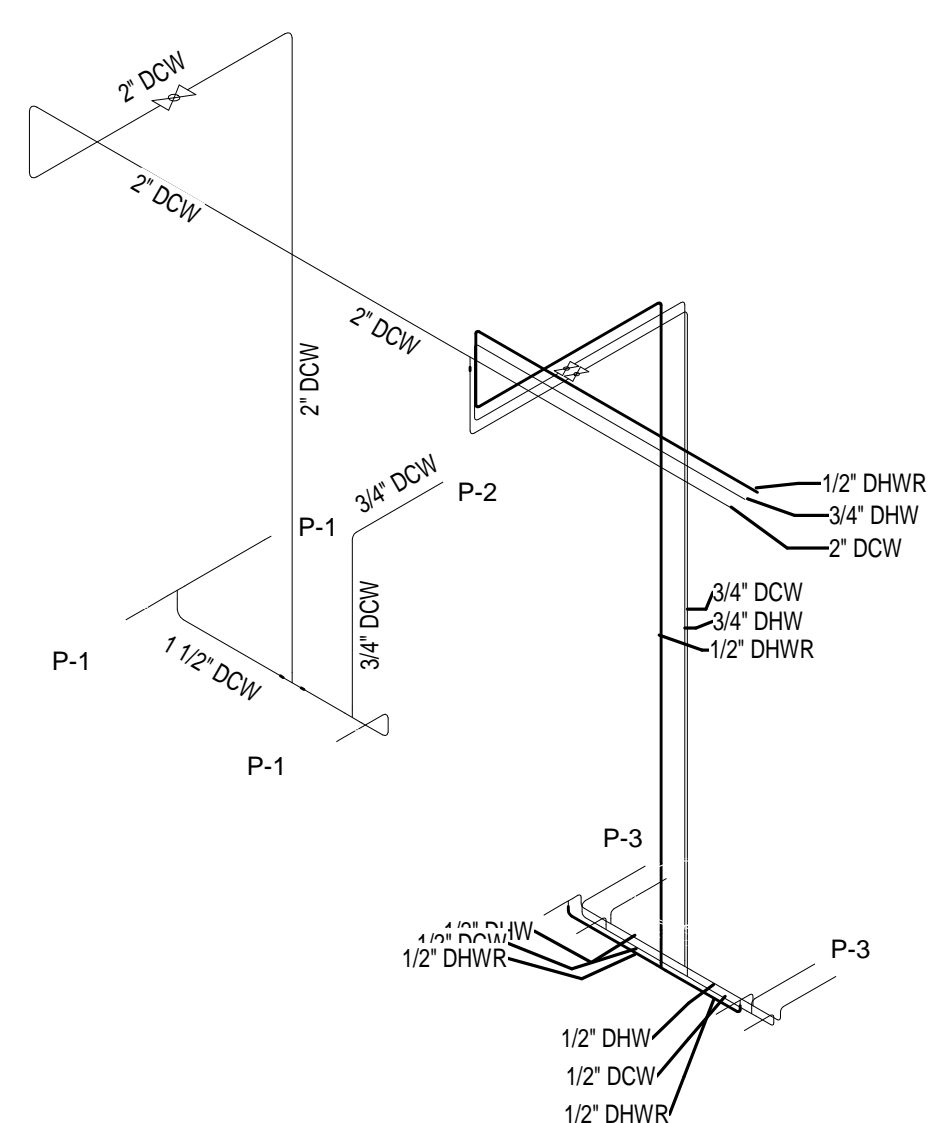
2 Mens and Womens Locker Rooms Plumbing Plan
 1/4" = 1'-0"

PLUMBING KEY NOTES

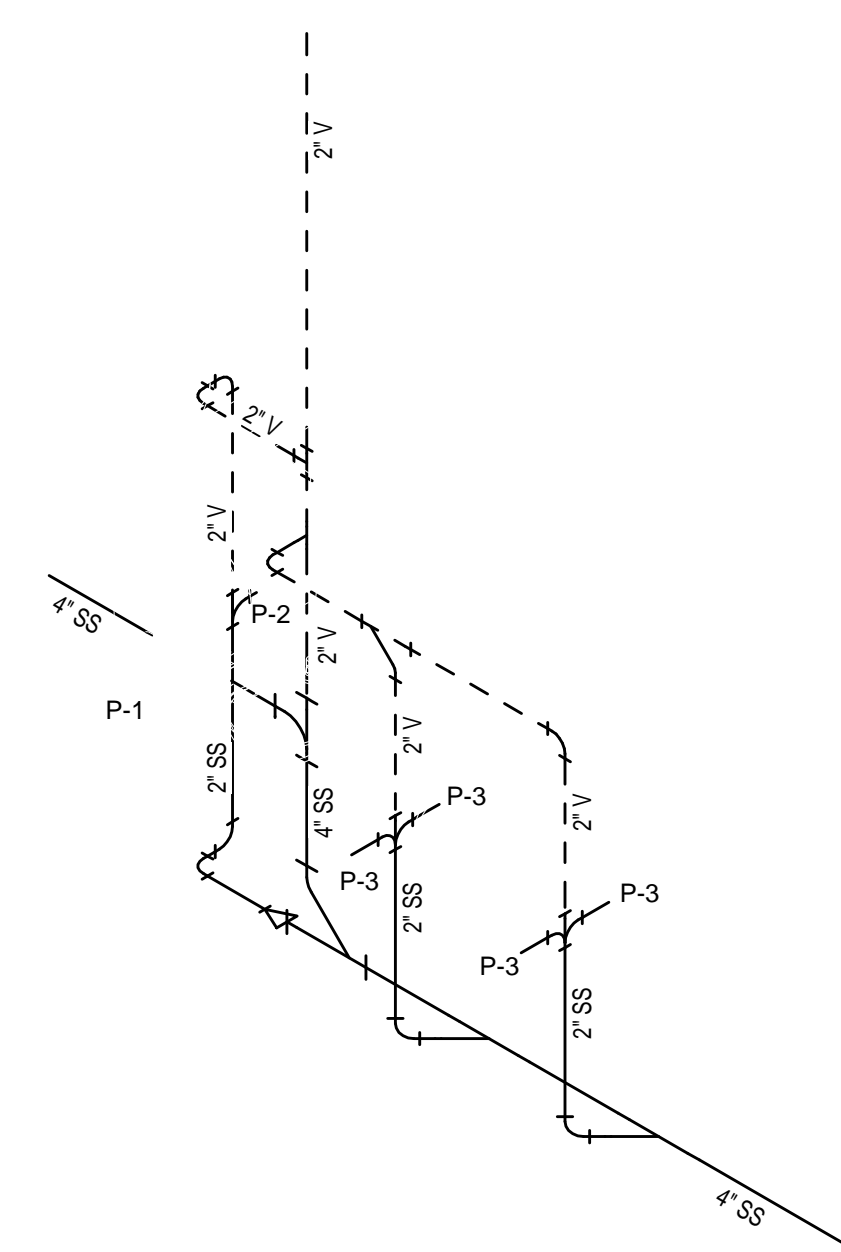
- 1 DEMO EXISTING PLUMBING FIXTURE. EXISTING ROUGH-IN TO REMAIN
- 2 DEMO EXISTING PLUMBING FIXTURE. PC TO REWORK EXISTING SANITARY, CW, HW ROUGH-IN (AS NECESSARY) FOR NEW FIXTURE CONNECTIONS
- 3 EXISTING FIXTURE TO REMAIN. NOT IN SCOPE
- 4 DEMOLISH FIXTURE COMPLETE. DEMOLISH EXISTING ROUGH-IN PIPE CONNECTIONS BACK TO NEAREST ACTIVE BRANCH
- 5 CONNECT NEW FIXTURE TO EXISTING ROUGH-IN

PLUMBING GENERAL NOTES

- 1 PC TO COORDINATE WITH GC FOR REMOVAL AND REPLACEMENT OF ALL WALL, FLOOR, AND OTHER FINISHES INVOLVED WITH THE DEMOLITION OR REPLACEMENT OF PLUMBING FIXTURES, PARTS, AND ACCESSORIES
- 2 PC SHALL BE RESPONSIBLE FOR ALL SAW CUTTING OF FLOORS AND REPLACEMENT OF NEW FLOORING. COORDINATE WITH GC AND ARCHITECT
- 3 EXISTING PIPES SHOWN ON PLAN ARE ASSUMPTIONS BASED ON BEST AVAILABLE PLANS. PC SHALL FIELD VERIFY ALL SIZES AND LOCATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO ARCH AND ENGINEER
- 4 NEW URINALS TO BE WALL MOUNT STYLE. PC SHALL BE RESPONSIBLE FOR INSTALLING NEW CHAIR CARRIER IN EXISTING WALL. PC SHALL PROVIDE NEW VENTING IF EXISTING VENTING IS NOT REUSABLE. PC SHALL BE RESPONSIBLE FOR DEMOLITION AND REPLACEMENT OF ALL WALL, FLOOR, AND CEILING FINISHES. COORDINATE WITH GC & ARCH
- 5 PC TO ADJUST HEIGHT OF CW CONNECTIONS IN ALL CHASE WALLS FOR NEW FLUSHMETERS. PC SHALL BE RESPONSIBLE FOR ANY DEMOLITION AND REPLACEMENT OF WALL FINISHES
- 6 IT IS ASSUMED THERE IS A HOT WATER RETURN PIPE IN THE EXISTING BUILDING. PC TO FIELD VERIFY PRESENCE AND LOCATION OF HOT WATER RETURN SYSTEM
- 7 PC SHALL BE RESPONSIBLE FOR REPLACING ALL CHAIR CARRIERS FOR WALL MOUNT WATER CLOSETS AND URINALS



3 Locker Room Restroom - Water Riser



4 Locker Room Restroom - Waste & Vent Riser

P200

PROJECT

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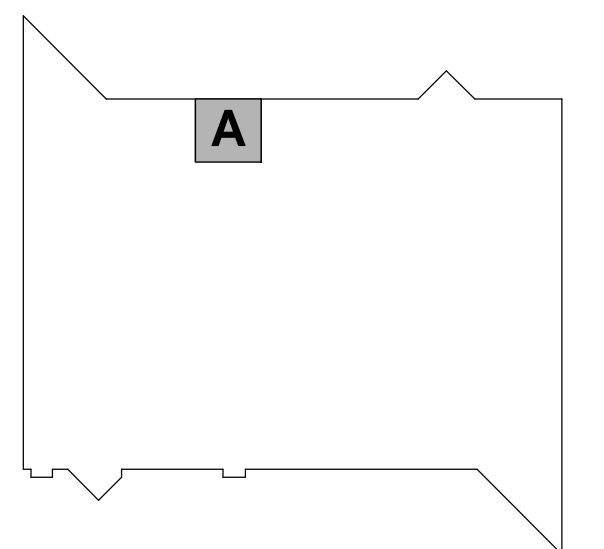
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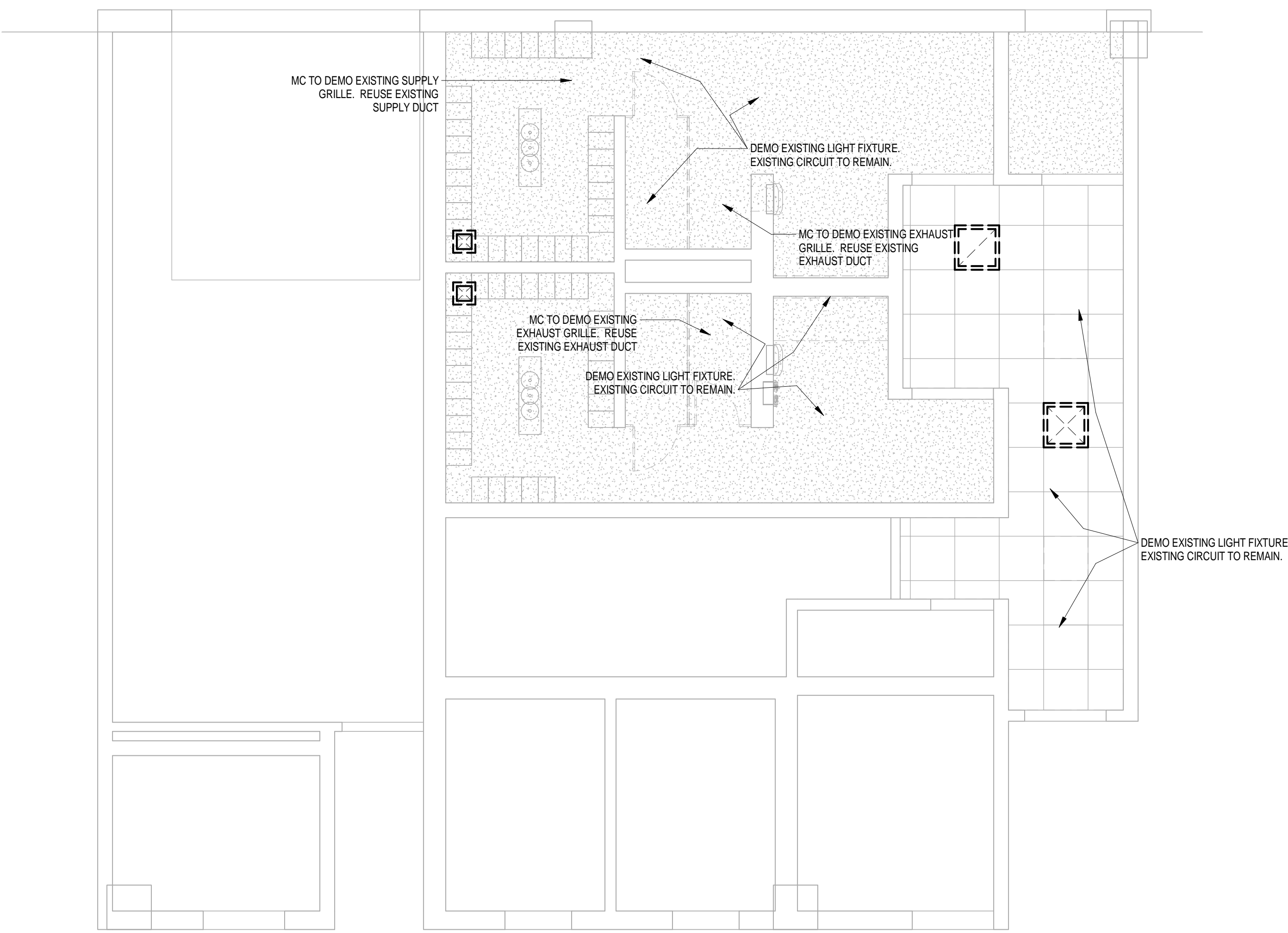


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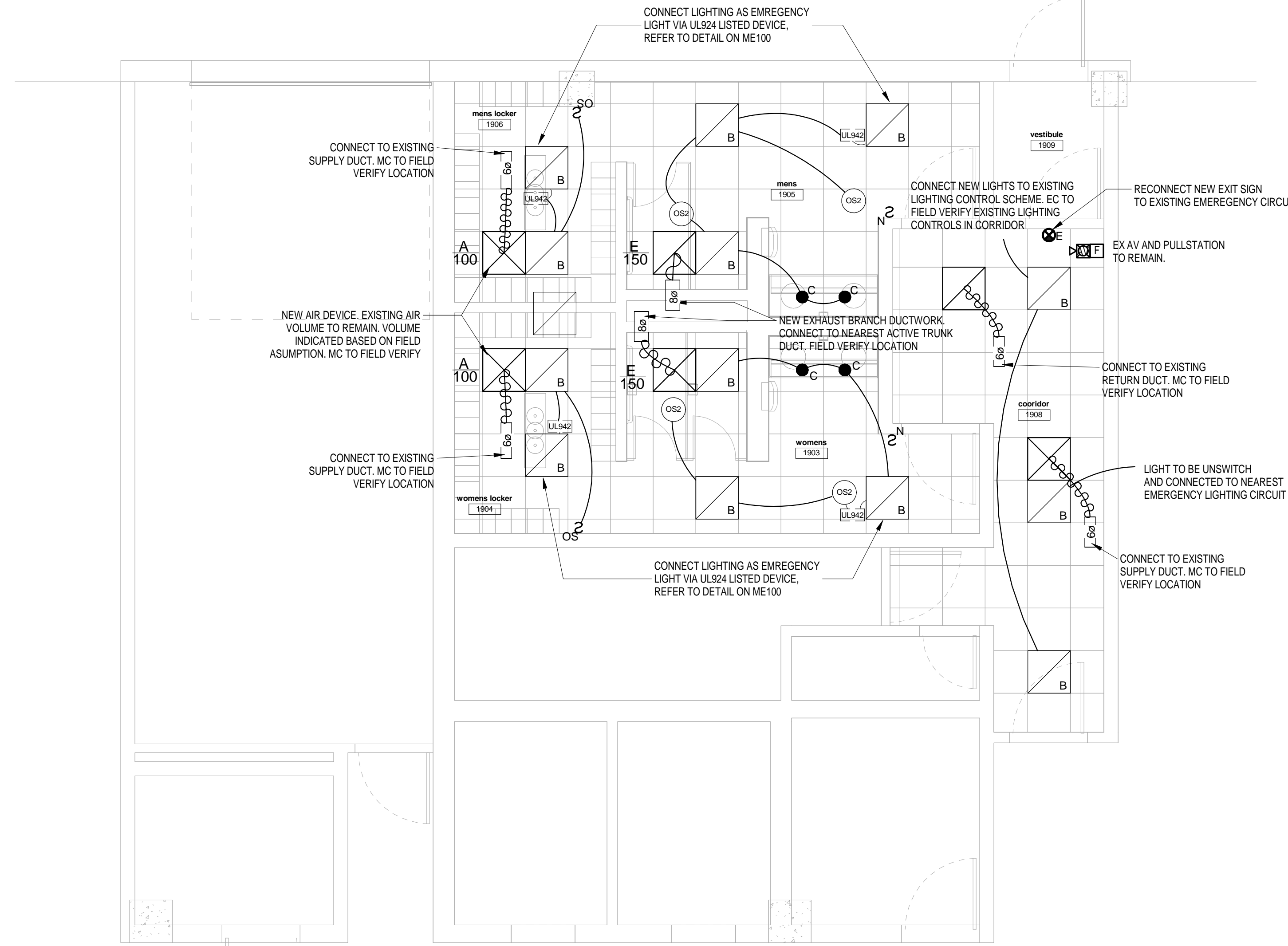
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Mechanical and Electrical Plan

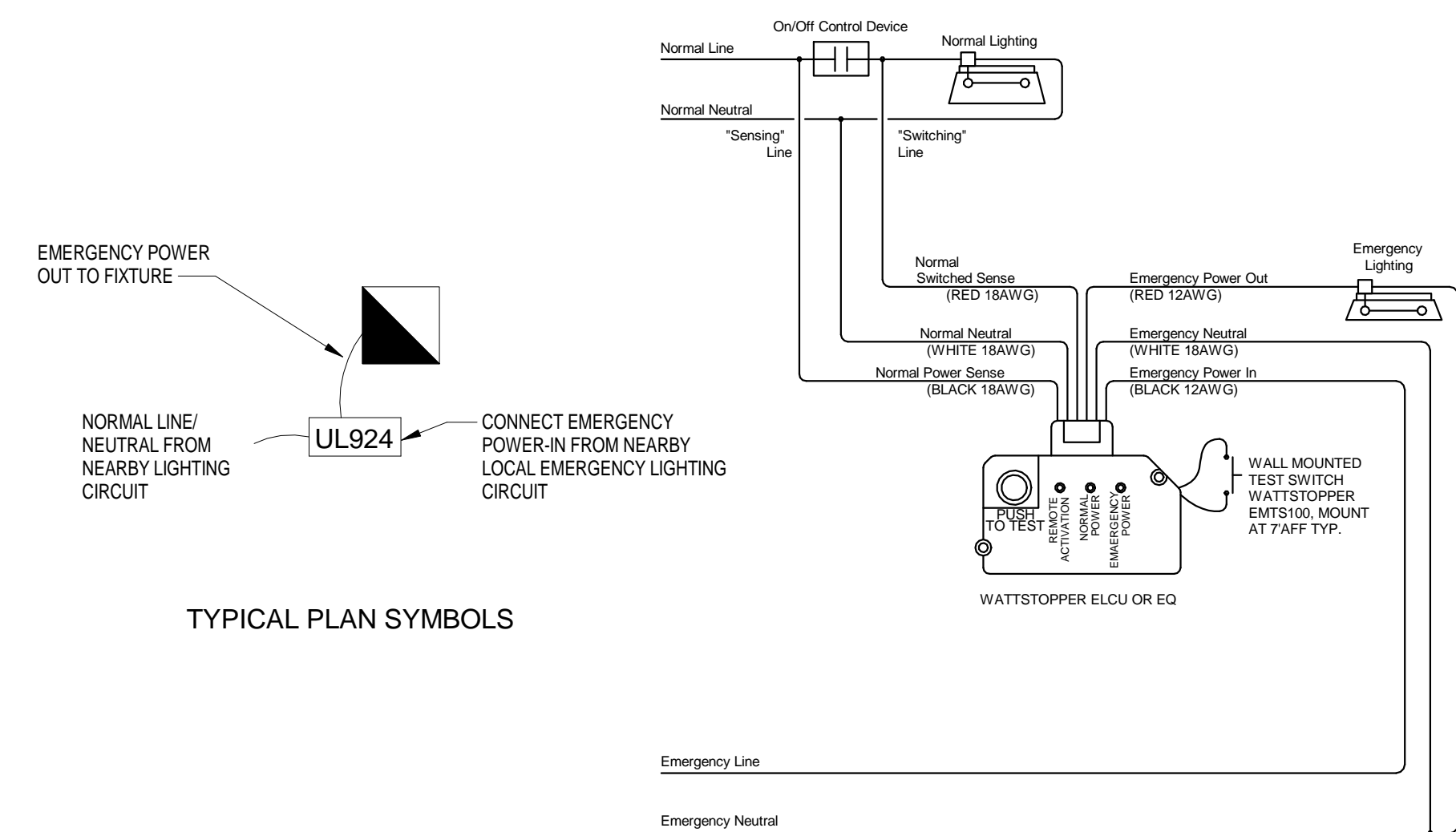
ME100



1 Upper Level Mech & Elec Demo Plan
 1/4" = 1'-0"



2 Upper Level Mech & Elec Plan
 1/4" = 1'-0"



3 EM WIRING SCHEMATIC FOR EMERGENCY FIXTURES
 NTS

GENERAL MECHANICAL AND ELECTRICAL NOTES

1. MC TO FIELD VERIFY EACH AIR DEVICE DESIGNATION (SUPPLY, EXHAUST, RETURN). REPLACE IN KIND ACCORDING TO AIR DEVICE SCHEDULE.
2. MC TO REPLACE EXISTING EXHAUST GRILLES AS NOTED ON PLANS. SIZES OF GRILLES TO MATCH EXISTING LOCATIONS IN NEW CEILING AND EXISTING WALLS.
3. MC SHALL BE RESPONSIBLE FOR NEW FLEX AND/OR HARD DUCT CONNECTIONS FOR NEW GRILLE.
4. EXISTING EXHAUST, RETURN, SUPPLY AIR VOLUMES TO REMAIN. MC TO BE RESPONSIBLE FOR ANY REBALANCING OF SYSTEMS.
5. EC TO PROVIDE NEW OCCUPANCY SENSORS LIGHT SWITCHES IN ALL RESTROOMS.
6. EC SHALL BE RESPONSIBLE FOR DEMOLITION AND REPLACEMENT OF ALL CEILING AND WALL FINISHES. COORDINATE WITH GC.
7. EC SHALL REUSE EXISTING FIRE ALARM DEVICES. IT SHALL BE THE RESPONSIBILITY OF THE EC TO RELOCATE AND REWIRE ANY AND ALL FIRE ALARM DEVICES IMPACTED BY DEMOLITION AND IMPLEMENTATION OF NEW FINISHES. CONNECT NEW FIRE ALARM DEVICES AS INDICATED ON PLANS.

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Architect of Record - Jon P. Wallenkamp

MEP

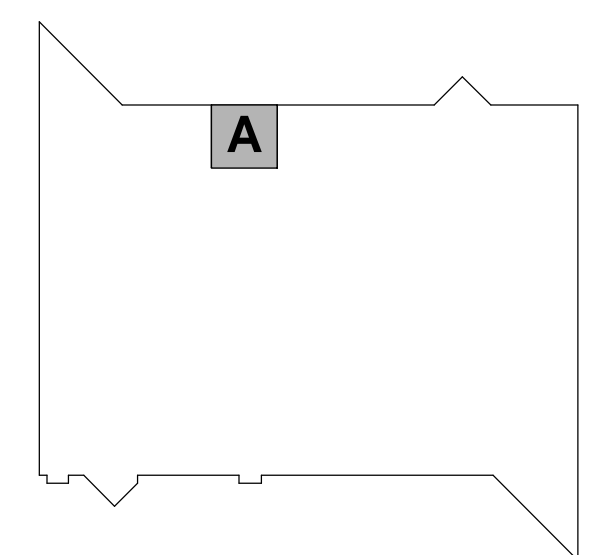
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REVISIONS

REV. / DESCRIPTION DATE

KEY PLAN



SHEET

SHEET TITLE:

Mechanical and Electrical Schedules

ME200

GENERAL MECHANICAL NOTES

- WHERE APPROVAL CODES HAVE BEEN ESTABLISHED BY OSHA, UNDERWRITER'S LABORATORY, AMERICAN CODES, ANSI, ASME, ASA, ASHRAE, ASTM, ARI, NEL, NFPA, SMACNA, OR THE STATE FIRE INSURANCE REGULATORY BODY, FOLLOW THESE STANDARDS WHETHER OR NOT INDICATED ON THE DRAWINGS AND SPECIFICATIONS.
- THE MECHANICAL SUBCONTRACTOR SHALL PROVIDE A COMPLETE AND USABLE SYSTEM WITHIN THE INTENT AND SPIRIT OF THAT INDICATED BY THIS DRAWING. WORK OR MATERIALS NOT SHOWN BY THIS DRAWING, BUT NECESSARY TO COMPLETE THE SYSTEM SHALL BE INCLUDED AT NO ADDITIONAL COST. THE MECHANICAL SUBCONTRACTOR SHALL FURNISH AND INSTALL ALL HVAC SYSTEM REQUIREMENTS INCLUDING GRILLES, DIFFUSERS, DUCTWORK, CONTROLS, CONTROL WIRING, DUCTWORK, EQUIPMENT, HVAC PIPING, CUTTING AND PATCHING, ETC.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, MAKE ADJUSTMENTS TO AVOID CONFLICT. NOTIFY THE ENGINEER IN WRITING OF SIGNIFICANT CONSTRUCTABILITY ISSUES.
 - PROVIDE VOLUME DAMPERS WHERE INDICATED.
 - ALL RECTANGULAR AND ROUND DUCTWORK SHALL BE GALVANIZED SHEET METAL, FABRICATED AND SUPPORTED TO SMACNA STANDARDS. ALL SUPPLY DUCT SHALL HAVE 2" 1.5# BLANKET INSUL W/ VAPOR BARRIER. (R-8) FURNISH AND INSTALL NEOPRENE FLEX CONNECTION BETWEEN DUCTWORK AND RTUS/AHUS.
 - FLEXIBLE DUCT SHALL BE FLEXMASTER TYPE V OR EQUAL FIBERGLASS INSULATED TYPE. FLEX DUCT SHALL NOT EXCEED 6' IN LENGTH. RIGID ROUND DUCT WITH EXTERIOR INSULATION. USE RIGID ROUND DUCT WITH EXTERIOR INSULATION ABOVE WHERE SHOWN ON THE PLAN. USE RIGID ELBOW FITTINGS WHENEVER POSSIBLE TO AVOID UNNECESSARY CHANGE OF DIRECTION WITH FLEXDUCT.
 - SEAL ALL DUCTWORK SEAMS WITH FIBERGLASS TAPE IMBEDDED IN ARABOL SEALER OR ALUMINUM TAPE. DUCT TAPE IS NOT ACCEPTABLE. VAPOR SEAL ALL EXTERIOR INSULATION WITH ALUMINUM TAPE. DUCT TAPE IS NOT ACCEPTABLE.
 - CONTRACTOR SHALL ADJUST CURB PLACEMENT AND TRANSITION DUCTWORK AS REQUIRED TO CLEAR STRUCTURAL AND OTHER OBSTACLES. THE CONFIGURATION OF THE STRUCTURE AND OTHER OBSTACLES IN THE EXISTING BUILDING IS NOT KNOWN IN DETAIL. THE CONTRACTOR WILL INVESTIGATE, VERIFY THE DESIGN SHOWN, AND ADJUST AS REQUIRED.
 - ALL WORK SHALL COMPLY WITH APPLICABLE CODES, REGULATIONS, LAWS AND THE DETERMINATIONS OF THE LOCAL BUILDING OFFICIAL AT NO EXTRA COST. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY CONFLICT BETWEEN THE PLANS AND APPLICABLE CODES.
 - ALL MATERIALS WILL BE NEW AND IN NEW CONDITION. SCRATCH AND DENTED, SECONDHAND, SURPLUS, ETC ARE NOT ACCEPTABLE.
 - ELECTRICAL CONNECTIONS 120V OR HIGHER SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL SUBCONTRACTOR. MECHANICAL SHALL COORDINATE THIS WORK. MECHANICAL SHALL FURNISH DUCT SMOKE DETECTORS AS REQUIRED TO ELECTRICAL FOR FIRE ALARM INSTALLATION.
 - THE MECH SUBCONTRACTOR SHALL START UP EACH UNIT, TEST FOR HEAT AND COOL OPERATION, INSURE ALL DUCTWORK IS FREE OF RATTLES, LEAKS, WHISTLES, ETC. AN INDEPENDENT CONTRACTOR SHALL BALANCE THE SYSTEM AS INDICATED BY DRAWINGS, RTU SCHEDULE, AND VENTILATION SCHEDULES. SUBMIT FOUR COPIES OF A CERTIFIED TEST AND BALANCE REPORT TO THE ARCHITECT FOR APPROVAL. UPON APPROVAL CONTRACTOR SHALL FILE REPORT WITH LOCAL AUTHORITY.
 - WHEN SYSTEMS ARE COMPLETE AND OPERATIONAL, A 'PUNCH LIST' INSPECTION SHALL BE REQUESTED BY THE CONTRACTOR. SUCH AN INSPECTION SHALL NOT BE CONDUCTED ON INCOMPLETE OR NON-OPERATIONAL SYSTEMS.
 - ALL DUCTWORK (SUPPLY AND RETURN) IN UNCONDITIONED SPACES SHALL BE INSULATED WITH A MINIMUM VALUE OF R-5 INSULATION. ALL DUCTS OUTSIDE OF THE BUILDING ENVELOPE SHALL BE INSULATED WITH R-8 MINIMUM.
 - DUCTS SHALL BE SUPPORTED WITH APPROVED HANGERS AT INTERVALS NOT EXCEEDING 10 FEET OR BY OTHER APPROVED DUCT SUPPORT SYSTEMS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE. FLEXIBLE AND OTHER FACTORY MADE DUCTS SHALL BE SUPPORTED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
 - SMOKE DETECTORS SHALL BE INSTALLED IN RETURN AIR SYSTEMS WITH A DESIGN CAPACITY GREATER THAN 2000 CFM IN THE RETURN AIR DUCT OR PLENUM UPSTREAM OF ANY FILTERS, EXHAUST AIR CONNECTIONS, OUTDOOR AIR CONNECTIONS, OR DECONTAMINATION EQUIPMENT AND APPLIANCES.
 - UPON SELECTION OF MECHANICAL APPLIANCES SUBMIT MANUFACTURING INSTALLATION INSTRUCTION TO BUILDING DEPARTMENT, INCLUDE ANY LISTING FOR OUTDOOR INSTALLATION, IF APPLICABLE.
 - EQUIPMENT SHALL BE INSTALLED AS REQUIRED BY THE TERMS OF THEIR APPROVAL. IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING, THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND APPLICABLE CODES. MANUFACTURERS INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE FOR INSPECTION.
 - ALL COVERING, LININGS, ADHESIVES, WHEN USED SHALL HAVE A FLAME SPREAD RATING NOT MORE THAN 25 AND SMOKE DEVELOPED RATING NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM-E84.

GENERAL ELECTRICAL NOTES DESIGN BASED ON 2017 NEC

- ALL PATIENT CARE AREAS AS DEFINED BY NEC SHALL HAVE HOSPITAL GRADE RECEPTACLES. PATIENT CARE AREAS SHALL BE WIRES IN ACCORDANCE WITH WITH NEC SECTION 517, INCLUDING BUT NOT LIMITED TO REDUNDANT GROUNDING (517.13).
- THE ELECTRICAL SUBCONTRACTOR SHALL PROVIDE A COMPLETE AND USABLE SYSTEM WITHIN THE INTENT AND SPIRIT OF THAT INDICATED BY THESE DRAWINGS. WORK OR MATERIALS NOT SHOWN BY THE DRAWINGS, BUT NECESSARY TO COMPLETE THE SYSTEM SHALL BE INCLUDED AT NO ADDITIONAL COST. THE ELECTRICAL SUBCONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL SYSTEM REQUIREMENTS INCLUDING FIRE ALARM DEVICES, SWITCHES, RACEWAY DEVICES, CONDUCTOR, SPECIALTIES, CUTTING AND PATCHING, ETC.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, MAKE ADJUSTMENTS TO AVOID CONFLICT. NOTIFY THE ENGINEER IN WRITING OF SIGNIFICANT CONSTRUCTABILITY ISSUES.
 - TELEPHONE/DATA OUTLETS, UNLESS NOTED, SHALL BE CIRCUITED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A CONDUIT TO AN ACCESSIBLE SPACE.
 - THE ELECTRICAL SUBCONTRACTOR SHALL VERIFY PLACEMENT OF ALL RECEPTACLES, WIRING DEVICES, SWITCHES, AND DISCONNECTS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS AND TRADES BEFORE ROUGHING IN.
 - WIRING MEANS AND METHODS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL SUBCONTRACTOR. THE ELECTRICAL SUBCONTRACTOR SHALL VERIFY CEILING TYPE WITH FIXTURE SELECTION BEFORE ORDERING.
 - PANEL BOARDS SHALL BE SQUARE D NOOD OR EQUAL FROM CUTLER HAMMER, OR GE. BREAKERS SHALL BE BOLT-IN TYPE QOB OR EQUAL. 10kaic MINIMUM.
 - CONDUCTOR SHALL BE THW, THWN, OR THHN. CONDUIT SHALL BE GALV. EMT, IMC OR RIGID.
 - POWER RECEPS, WALL SWITCHES, COVER PLATES, ETC. SHALL BE COMMERCIAL GRADE 20 RATED MATCHING THE STYLE AND APPEARANCE OF THE EXISTING DEVICES.
 - EQUIPMENT SIZES ARE AS DESIGNED. CIRCUIT BREAKERS, CONDUIT, JUNCTION BOXES, DISC. SWITCHES, CONDUCTOR SIZES, DEVICE LOCATIONS, ETC., SHALL BE ADJUSTED TO THE EQUIPMENT SUBMITTED AND APPROVED FOR INSTALLATION ON THIS PROJECT.
 - THE ELECT SUBCONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN THE ELECTRICAL AND MECHANICAL TRADES TO PROVIDE CLEARANCES ABOVE CEILING BETWEEN RECESSED LIGHT FIXTURES AND THERMAL INSULATION OR COMBUSTIBLE MATERIALS IN ACCORD WITH N.E.C. PARAGRAPH 410-65 & 66.
 - THE ELECTRICAL SUBCONTRACTOR SHALL PREPARE A SUBMITTAL PACKAGE WHICH DETAILS PROPOSED EQUIPMENT (FIVE COPIES), AT MINIMUM THE SUBMITTAL PACKAGE WILL CONTAIN DETAILED DATA ON LIGHTING FIXTURES, PANELBOARDS, AND ACCESSORIES. EQUAL EQUIPMENT TO THAT SPECIFIED WILL BE CONSIDERED IF PERFORMANCE, APPEARANCE, SERVICEABILITY AND QUALITY ARE JUDGED BY THE ENGINEER AND/OR ARCHITECT TO BE EQUAL.
 - ALL WORK SHALL COMPLY WITH COGNIZANT CODES, REGULATIONS, LAWS AND THE DETERMINATIONS OF THE LOCAL BUILDING OFFICIAL AT NO EXTRA COST. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY CONFLICT BETWEEN THE PLANS AND APPLICABLE CODES.
 - ALL MATERIALS WILL BE NEW AND IN NEW CONDITION.
 - ALL ELECTRICAL CONNECTIONS 120V OR HIGHER SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL SUBCONTRACTOR. MECHANICAL SHALL FURNISH DUCT SMOKE DETECTORS AS REQUIRED TO ELECTRICAL FOR FIRE ALARM INSTALLATION. MECHANICAL SHALL PROVIDE HVAC CONTROL WIRING. ELECTRICAL SHALL COORDINATE EQUIPMENT CONNECTION WITH MECHANICAL AND PLUMBING.
 - WHEN SYSTEMS ARE COMPLETE AND OPERATIONAL, A 'PUNCH LIST' INSPECTION SHALL BE REQUESTED BY THE CONTRACTOR. SUCH AN INSPECTION SHALL NOT BE CONDUCTED ON INCOMPLETE OR NON-OPERATIONAL SYSTEMS.
 - UPON COMPLETION OF WORK, SUBMIT FOUR COPIES OF OPERATION AND MAINTENANCE MANUALS, AS BUILT DRAWINGS, GUARANTEES AND WARRANTIES. AT MINIMUM, THE CONTRACTOR WILL WARRANT ALL WORK, EQUIPMENT AND MATERIALS FOR ONE YEAR PAST BENEFICIAL OCCUPANCY.
 - ALL RECEPS, LOCATED IN AREAS SUBJECT TO MOISTURE, OR ON THE EXTERIOR OF THE BUILDING SHALL BE G.F.I. TYPE, IN WEATHERPROOF, TYPE-FS, BOX WITH WEATHERPROOF COVER.
 - NO RECEP. OR DEVICE SHALL BE LOCATED WITHIN 4'-0" OF SINKS. OUTLETS NEAR SINKS, OR IN LOCATIONS SUBJECT TO MOISTURE SHALL BE G.F.I. TYPE.
 - ALL ELECTRICAL WIRING IN OR ON THE BUILDING SHALL BE IN IMC, RMC, OR EMT, IN ACCORDANCE WITH LOCAL CODE AMENDMENT. ALL EXTERIOR WIRING SHALL BE BURIED IN CONDUIT APPROVED FOR THE ENVIRONMENT IN ACCORDANCE WITH LOCAL CODE AMENDMENT.

LIGHT CONTROL SCHEDULE

ITEM	DESCRIPTION	REFERENCE MODEL
SOS	SINGLE RELAY, PASSIVE DUAL TECH SENSING WALL SWITCH- AUTO ON SWITCHING	SENSOR SWITCH WSXA PDT
SN	LOW-VOLTAGE PUSH BUTTON SWITCH WITH AUTOMATIC ON	SENSOR SWITCH SPODMA
OS	LOW VOLTAGE CEILING SENSOR, AUTOMATIC ON, INCLUDE POWER PACK PER STRING OF LIGHTS	SENSOR SWITCH CM 10, W/ PP20

LIGHTING FIXTURE SCHEDULE

TAG	MOUNTING	VOLTAGE	LOAD	MAKE	DESCRIPTION	MODEL
B	GRID	120V	26 VA	CREE	2x2 3000 NOMINAL LUMENS Curved Linear Prismatic lens with trim rings 4000K CCT	ZR22-30L-840-10VS-UNV
C	RECESSED	120V	13 VA	CREE	6" Round downlight, 1050 delivered lumens, dimmable to 10% (0-10V dimming) 90 CRI 4000 K, color temperature	CDR 6 ALS 9ACK 10V5 WH UNV
E	SURFACE	120/277	5 VA	CREE	Thermoplastic exit sign with stencil face, white housing, red letters, EM CIRCUIT.	C-EE A EX DF RED (VERIFY ARROW AND FACE QTY)

FIRE PROTECTION SCOPE OF WORK

THE FIRE PROTECTION SYSTEM WORK SHALL BE DESIGN BUILD. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY LABOR, MATERIALS, DESIGN, CALCULATIONS AND COORDINATE WITH ALL LOCAL AUTHORITIES HAVING JURISDICTION TO PRODUCE A COMPLETE AND USABLE SYSTEM WHICH COMPLIES WITH ALL APPLICABLE CODES, LAWS AND REGULATIONS INCLUDING NFPA13 AND THE LOCAL BUILDING CODE. COORDINATE ALL INSTALLATIONS WITH THE GC AND OTHER TRADES TO AVOID CONFLICTS. THE FP SUBCONTRACTOR SHALL BE OBLIGATED TO RELOCATE/REDESIGN ANY PIPE WHICH COME INTO CONFLICT WITH OTHER TRADES AT NO ADDITIONAL COST TO THE OWNER, UNDER ALL CIRCUMSTANCES.

SYSTEM TYPE: WET PIPE WATER SPRINKLER, NFPA 13. ((MODIFY EXISTING SYSTEMS TO ACCOMMODATE THE NEW INSTALLATION.))

WATER SERVICE/RISER: EXISTING TO REMAIN

DESIGN: THE DESIGN BUILD CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SURVEY OF EXISTING, FLOW TEST, DESIGN, CALCULATIONS, DETAILING, SUBMITTAL, APPROVAL, COORDINATION, LABOR MATERIAL, TESTING AND FINAL PRODUCT. IF REQUIRED, THE CONTRACTOR SHALL INCLUDE ANY REQUIRED FLOW TEST. RELOCATED HEADS IN THE EXISTING RESTROOM IN NEW DROP CEILING AS NEEDED FOR DESIGN/COVERAGE.

MATERIALS: PIPE SHALL BE BLACK STEEL. 2" AND SMALLER SHALL BE SCH40 WITH THREADED FITTINGS. 2-1/2" AND LARGER MAY BE SCH10 WITH MECHANICAL COUPLINGS OR BUTT WELD FITTINGS.

HEADS: SHALL BE CONCEALED TYPE. HEADS DO NOT HAVE TO BE CENTERED IN TILE.

AIR DEVICE SCHEDULE

MARK	TYPE	NECK SIZE	FACE SIZE	THROW PATTERN	MOUNTING	MANUFACTURER	MODEL
A	Directional Ceiling Diffuser	6ø	24 x 24	4-WAY	Lay-In	TITUS	TMS
E	Round Neck Exhaust	8ø	24 X 24	-	Lay-In	TITUS	AA-06-24x24-3-26
R	Cube Core Ceiling Return	22 X 22	24 x 24	-	Lay-In	TITUS	50F