

Renovations to Farthings Bathrooms
Historic St. Mary's Commission
P.O. Box 39, 18559 Hogaboom Lane
St. Mary's City, (St. Mary's County), Maryland 20686
DGS Project No. SM-850-230-002 REBID
"FOR BID" - Issued Date: 08/01/2025

ARCHITECT'S PROFESSIONAL CERTIFICATION

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND.

RICH L. ROOT

08/01/2025

DATE

11/26/2026

#10932

LICENSE NO.

EXPIRATION DATE

SEAL

ENGINEER'S PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

TIMOTHY J. SMIDT

08/01/2025

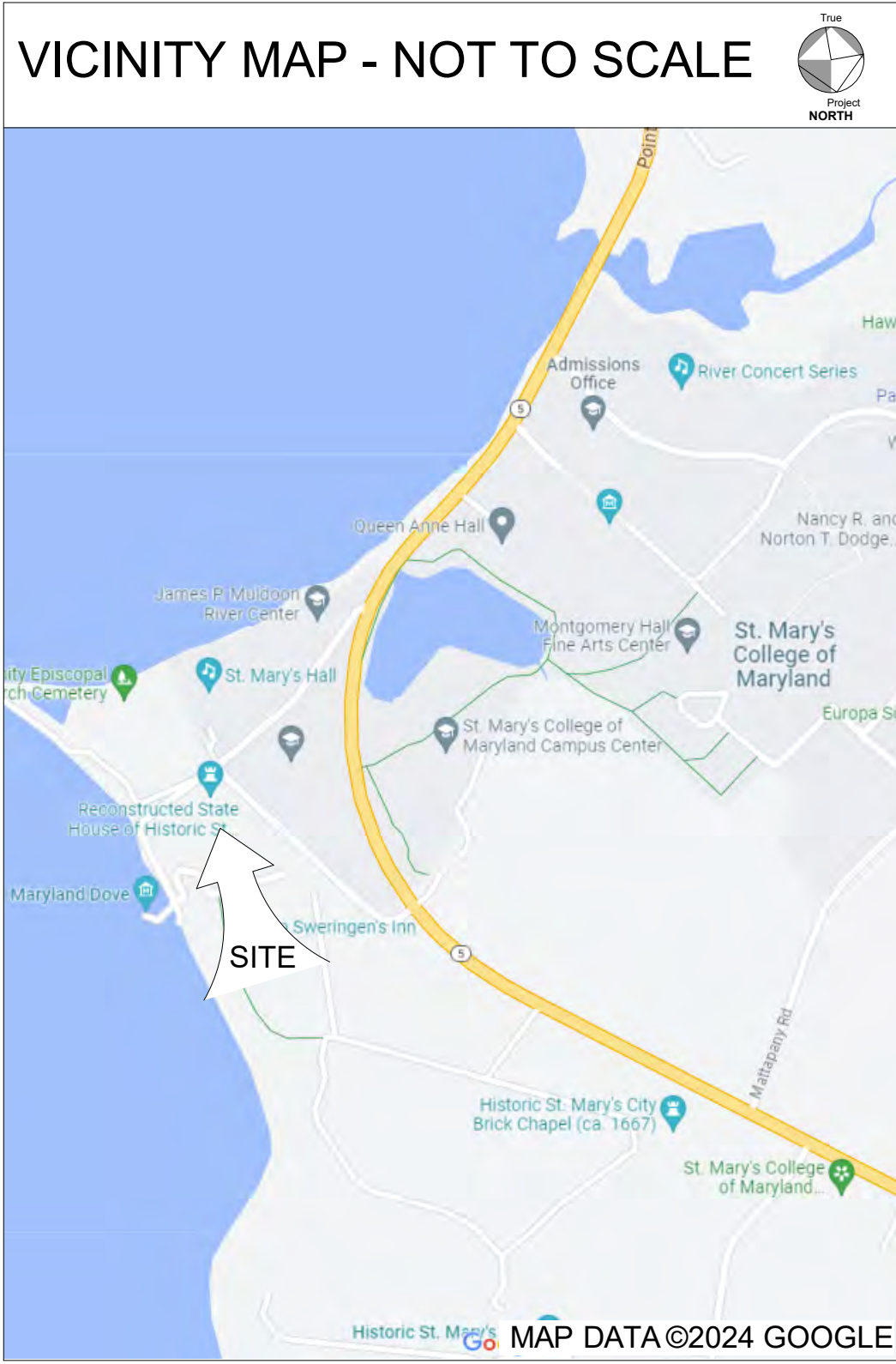
DATE

05/08/2027

#21585

LICENSE NO.

EXPIRATION DATE



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USING AGENCY APPROVAL

NAME

DATE

TITLE

DEPARTMENT OF GENERAL SERVICES APPROVAL

PROJECT MANAGER

DATE

CHIEF-PROJ. MGT. & DESIGN

DATE

DRAWING LIST															
◆ ISSUED FOR OWNER'S REVIEW ● ISSUED FOR PERMIT ○ ISSUED FOR BIDDING ○ REVISION ◇ RECORD SET															
SHEET		DRAWING		09/22/2023 50% CD SUBMISSION		12/15/2023 95% CD SUBMISSION		02/14/2024 95% CD RESUBMISSION		03/29/2024 100% CD RESUBMISSION		06/03/2024 FOR BID		08/01/2025 FOR REBID	
CS	COVER SHEET	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
A-1	DEMOLITION FLOOR & REFLECTED CEILING PLANS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
A-2	FLOOR & REFLECTED CEILING PLANS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
A-3	FINISH PLAN, SCHEDULES AND DETAILS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
A-4	INTERIOR ELEVATIONS & ADA INFORMATION	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
A-5	DOOR INFO., DTLS., ADA INFO., CHANGING STATION DTLS & KEY PLAN/SITE PLAN	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
M-0	NOTES, SYMBOLS & ABBREVIATIONS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
M-1	DEMO/HVAC PLANS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
M-2	DEMO/PLUMBING PLANS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
M-3	RISER DIAGRAMS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
M-4	MECHANICAL DETAILS & SCHEDULES	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
E-1	DEMOLITION RCP & POWER PLANS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
E-2	RCP & POWER PLANS	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
E-3	POWER RISER & SCHEDULE	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
E-4	SYMS, GEN. NOTES & LIGHT FIXT. SCHED.	◆	◆	◆	◆	◆	◆	◆	◆	○	○	○	○	○	○
BUILDING INFORMATION CODES:		2021 INTERNATIONAL BUILDING CODE (MPC) 2021 INTERNATIONAL ENERGY CONSERVATION CODE (MPC) 2020 NATIONAL ELECTRICAL CODE (MPC) 2021 INTERNATIONAL EXISTING BUILDING CODE (MBRC) 2021 INTERNATIONAL PLUMBING CODE 2021 INTERNATIONAL MECHANICAL CODE (MPC) 2018 NFPA 1 AND NFPA 101 2019 MARYLAND ACCESSIBILITY CODE DGS MANUAL													
BUILDING AREA:		608 SF													
CONSTRUCTION CLASSIFICATION:		V													
SPRINKLERED:		NO													
NO. OF FLOORS:		(1) - EXISTING													



NO.	REVISION	DATE
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I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10932, expiration date 11/26/2026.

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SHEET TITLE

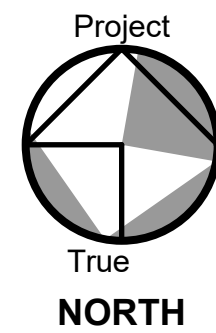
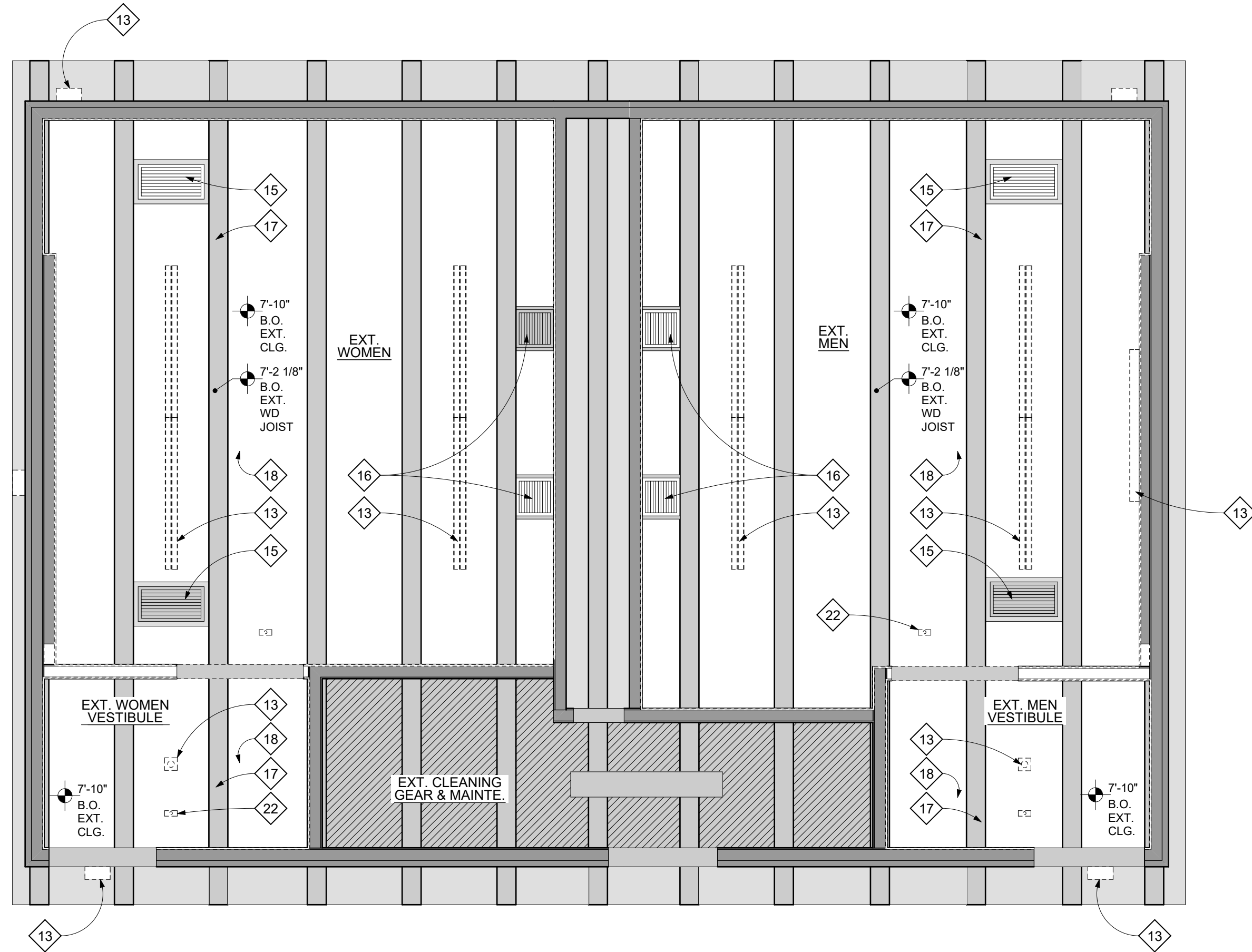
**Demolition Floor &
Reflected Ceiling
Plans**

SHEET NUMBER

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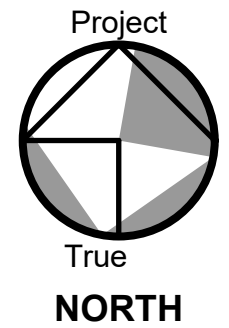
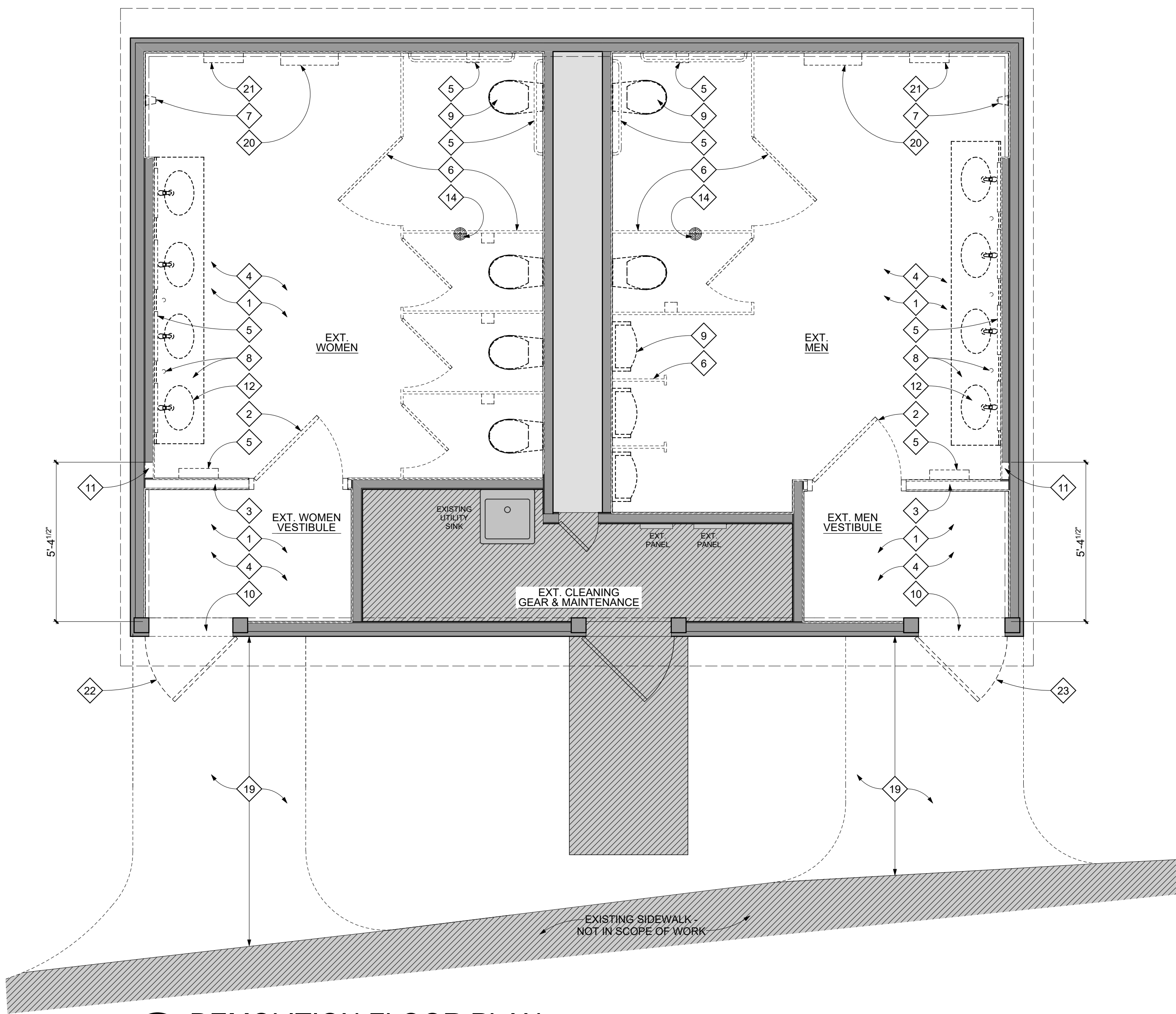
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PLOT file created on: Friday, July 25, 2025



2 DEMOLITION REFLECTED CEILING PLAN

SCALE: 3/8" = 1'-0"



1 DEMOLITION FLOOR PLAN

SCALE: 3/8" = 1'-0"



**LEGEND
THIS SHEET ONLY**

- EXISTING WALL/DOOR, ETC TO REMAIN.
- EXISTING - NOT IN SCOPE OF WORK.
- DEMOLITION ITEMS TO BE REMOVED.

**GENERAL NOTES
THIS SHEET ONLY**

- CONTRACTOR SHALL CLEAN, PATCH AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL $F_r = 35$ AND $F_L = 25$ PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER & SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1".
- DO NOT SCALE DRAWINGS.

**DEMOLITION NOTES
THIS SHEET ONLY**

- THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION NOTES ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE CONTRACT LIMITS. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURAL STABILITY OF THE EXISTING STRUCTURE IN THE AREAS INVOLVING NEW WORK AND FOR PROTECTING THE EXISTING STRUCTURE FROM DAMAGE DURING THE COURSE OF THE WORK. THIS SHALL INCLUDE SUPPLYING AND INSTALLING SHORING, NEEDLES, BULKHEADS AND ANY OTHER ITEMS NECESSARY FOR THE PROTECTION AND STABILITY OF THE BUILDING. NO WORK THAT WILL JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING SHALL BE DONE WITHOUT CONSULTING THE ARCHITECT.
- THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS AGAINST DAMAGING ANY EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER OF THE PROPERTY SO DAMAGED.
- THE CONTRACTORS SHALL EXAMINE THE DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS AND FAMILIARIZE THEMSELVES WITH THEIR PROVISIONS REGARDING THE REMOVAL OF EXISTING ITEMS AND WORK. THEY SHALL UNDERSTAND THAT ALL ITEMS AND WORK NOT SPECIFICALLY MENTIONED TO BE REMOVED BY THE REQUIREMENT OF OTHER SECTIONS OF THE SPECIFICATIONS SHALL BE REMOVED AS PART OF THE WORK UNDER THIS SECTION.
- CONTRACTOR SHALL REVIEW DEMOLITION DRAWINGS AND COORDINATE WITH ALL OTHER AVAILABLE DRAWINGS. INCLUDE ALL COSTS NECESSARY TO COMPLETE WORK. REVIEW WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK IF ANY CONFLICTING INFORMATION IS PROVIDED.
- THE CONTRACTOR SHALL DISPOSE ALL CONSTRUCTION WASTE FROM THE SITE DAILY AND IN A LAWFUL MANNER IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS.
- UPON DISCOVERY OF ANY MATERIALS DEEMED OR SUSPECTED TO BE HAZARDOUS, SUCH AS BUT NOT LIMITED TO ASBESTOS OR LEAD PAINTS, MATERIAL SHALL BE LEFT IN ITS PRESENT CONDITION AND THE OWNER OR OWNER'S REPRESENTATIVE CONTACTED.
- THE CONTRACTOR SHALL DISCONNECT, REMOVE, STORE, REINSTALL AND RECONNECT ANY EQUIPMENT TO REMAIN AND/OR REUSED AS REQUIRED TO INSTALL NEW WORK, EQUIPMENT, ETC. CONTRACTOR TO DOCUMENT, IN WRITING, THE CONDITION AND FUNCTIONALITY OF ITEM(S) PRIOR TO REMOVAL. ANY DAMAGE TO ITEM(S) NOT DOCUMENTED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER OF THE EQUIPMENT SO DAMAGED.
- PATCH AND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
- REPAIR SLAB AND VAPOR BARRIER AS REQUIRED TO MATCH EXISTING, WHERE APPLICABLE.
- ALL DEMOLITION AND EXPOSURE OF INTERIOR SURFACES TO THE EXTERIOR SHALL BE IMMEDIATELY FOLLOWED BY PROTECTIVE CONSTRUCTION.
- WHERE APPLICABLE, REFER TO MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.

**KEYNOTES
THIS SHEET ONLY**

- EXISTING FLOOR FINISHES AND BASE TO BE REMOVED IN THEIR ENTIRETY. PREPARE AND READY CONCRETE SLAB AS REQUIRED FOR NEW FINISHES - SEE FINISH PLAN FOR ADDITIONAL INFORMATION (typ.).
- EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE TO BE REMOVED IN THEIR ENTIRETY. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING INTERIOR PLASTER, LATH AND WALL INSULATION TO BE REMOVED IN ITS ENTIRETY TO EXISTING FRAMING. PREPARE AND READY EXISTING FRAMING TO RECEIVE NEW FINISHES - SEE FINISH PLAN FOR ADDITIONAL INFORMATION (typ.).
- EXISTING RESTROOM ACCESSORIES TO BE REMOVED IN THEIR ENTIRETY (typ.).
- EXISTING TOILET PARTITION/DOOR TO BE REMOVED IN THEIR ENTIRETY (typ.).
- EXISTING AUTOMATIC HAND DRYER TO BE REMOVED IN ITS ENTIRETY - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING COUNTERTOP, BACKSPASH AND IN-COUNTER SOAP DISPENSER TO BE REMOVED IN ITS ENTIRETY.
- EXISTING TOILET/URINAL TO BE REMOVED IN THEIR ENTIRETY - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING WOOD THRESHOLD TO BE REMOVED IN ITS ENTIRETY. PREPARE AND READY CONCRETE SLAB TO RECEIVE NEW THRESHOLD.
- EXISTING FURRING ASSEMBLY TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN.
- EXISTING SINK, ACCESSORIES AND ASSOCIATED PLUMBING TO BE REMOVED - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING LIGHT FIXTURE TO BE REMOVED IN ITS ENTIRETY (typ.) - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING FLOOR DRAIN - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING AIR DEVICE TO REMAIN (typ.).
- EXISTING EXHAUST FAN TO REMAIN (typ.).
- EXISTING EXPOSED WOOD JOIST TO REMAIN (typ.).
- EXISTING EXPOSED WOOD DECKING TO REMAIN (typ.).
- EXISTING CONCRETE WALKWAY TO BE REMOVED WITHIN LIMITS SHOWN TO EXISTING SIDEWALK. PREPARE AND READY TERRAIN TO RECEIVE NEW CONCRETE RAMP.
- EXISTING AIR UNIT TO BE REMOVED AND SAVE FOR RELOCATION - SEE RCP AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING WALL MOUNTED PAPER TOWEL/TRASH RECEPTACLE TO BE REMOVED AND SAVED FOR RELOCATION - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING BATTERY OPERATED LIGHTING FIXTURE TO BE REMOVED IN ITS ENTIRETY (typ.) - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING WOMEN VESTIBULE DOOR AND ASSOCIATED HARDWARE TO BE REMOVED IN THEIR ENTIRETY AND SAVED FOR RELOCATION AT EXISTING MEN VESTIBULE - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING MEN VESTIBULE DOOR AND ASSOCIATED HARDWARE TO BE REMOVED IN THEIR ENTIRETY AND SAVED FOR RELOCATION AT EXISTING WOMEN VESTIBULE - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.



NO.	REVISION	DATE

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10932, expiration date 11/26/2026.
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SHEET TITLE

**Floor & Reflected
Ceiling Plans**

SHEET NUMBER

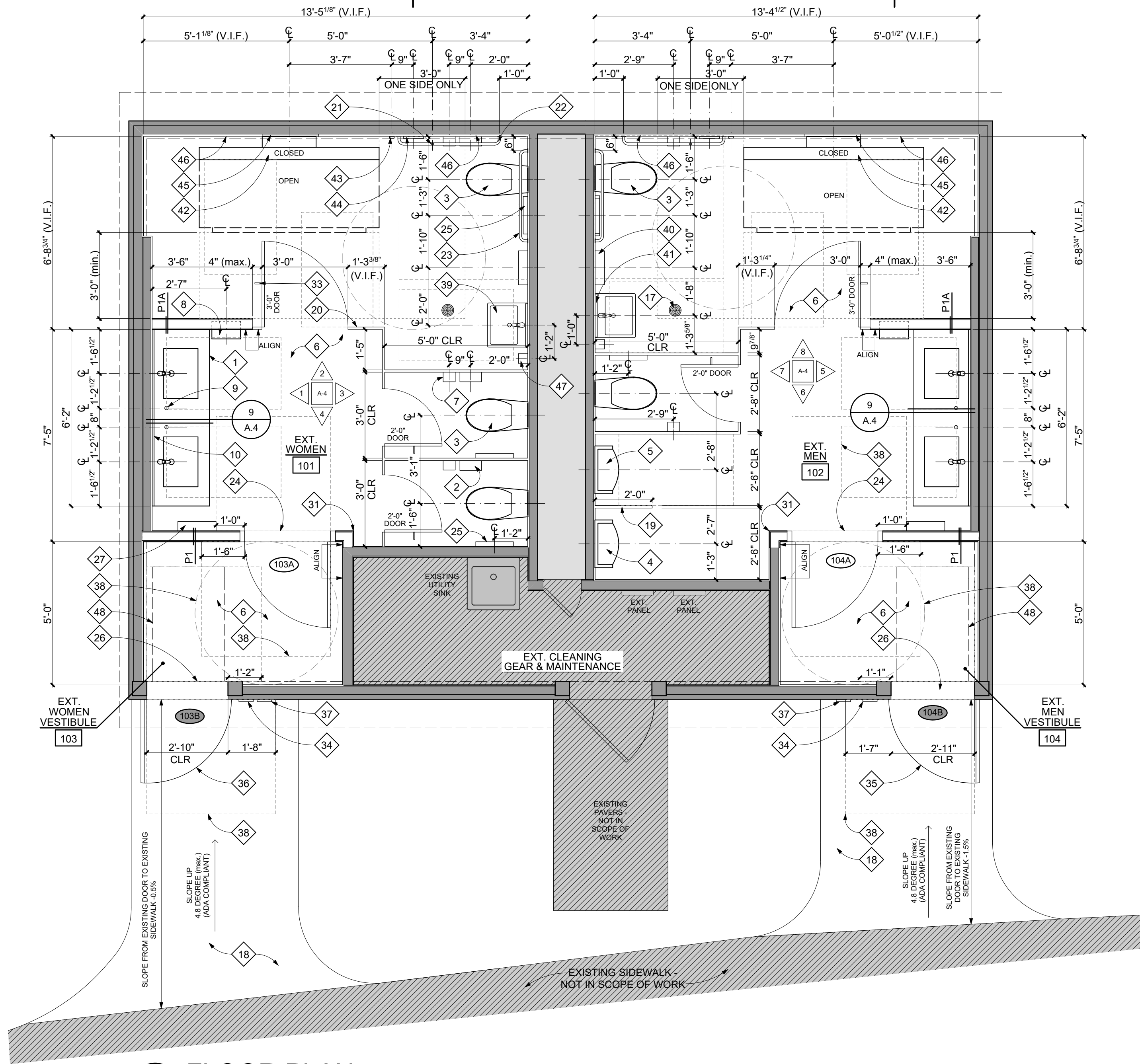
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PHASE

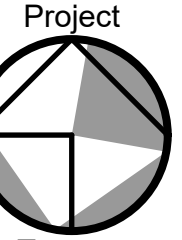
For Bid

PLOT file created on: Friday, July 25, 2025



1 FLOOR PLAN
SCALE: 3/8" = 1'-0"

0 2' 4' 6'



True NORTH

LEGEND
THIS SHEET ONLY

- EXISTING WALL/DOOR, ETC. TO REMAIN
- EXISTING - NOT IN SCOPE OF WORK.
- LOCATION OF NEW WALL TO BE CONSTRUCTED

CONSTRUCTION NOTES
THIS SHEET ONLY

- ALL PROJECT GENERAL NOTES APPLY.
- ALL DIMENSIONS ARE FINISH DIMENSIONS, UNLESS NOTED OTHERWISE. ALL DIMENSIONS MARKED "CLEAR" SHALL BE RETAINED.
- ALL NEW DOORS SHALL BE 5" OFF WALL (AT HINGE SIDE), UNLESS NOTED OTHERWISE. SEE STUD WALL HEAD DETAIL (JAMB SIMILAR) FOR ADDITIONAL INFORMATION.
- ALL DRYWALL SHALL BE LEVEL (4) FINISH QUALITY.
- CONTRACTOR SHALL CLEAN, PATCH AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL $F_p = .35$ AND $F_L = .25$ PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER AND SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1".
- FOR LIGHTING SPECIFICATIONS - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING EXPOSED WOOD TO BE UNPAINTED.

GENERAL NOTES
THIS SHEET ONLY

- CONTRACTOR SHALL PROVIDE BLOCKING AT THE FOLLOWING LOCATIONS: GRAB BARS, HANDRAILS, WALL HUNG FIXTURES, ADULT/BABY CHANGING STATIONS, URINAL SCREENS, TOILET PARTITIONS, ETC.
- REFER TO SHEET A-4 FOR ADA FIXTURE MOUNTING HEIGHTS.
- HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR. SEE DOOR SCHEDULE AND APPLICABLE ACCESSIBILITY CODE FOR ADDITIONAL INFORMATION.
- DO NOT SCALE DRAWINGS.

CEILING FIXTURE LEGEND
THIS SHEET ONLY

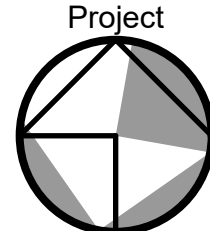
- LED LINEAR WALL MOUNTED LIGHT FIXTURE
- LED LOW PROFILE CEILING MOUNTED STRIP LIGHT FIXTURE
- LED SQUARE LENS DOWNLIGHT
- LED EXTERIOR WALL PACK
- EMERGENCY BATTERY UNIT

KEYNOTES
THIS SHEET ONLY

- SOLID SURFACE COUNTERTOP WITH FRONT AND SIDE APRONS (SS-1) w/WHITE UNDERMOUNT SINKS, AUTOMATIC FAUCETS AND AUTOMATIC SOAP DISPENSERS (typ.) - SEE FINISH SCHEDULE AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- ADA COMPLIANT WALL MOUNTED SANITARY NAPKIN DISPOSAL - GRAINGER, TOUGH GUY 1ECK9. TOP OF FIXTURE AT 30" A.F.F. (typ.).
- ADA COMPLIANT WALL HUNG AUTOMATIC FLUSH TOILET AND ENLARGED OPEN-FRONT TOILET SEAT (typ.) - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- WALL HUNG AUTOMATIC FLUSH URINAL - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- ADA COMPLIANT WALL HUNG AUTOMATIC FLUSH URINAL - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 1/2" MOISTURE RESISTANT GWB AND CLOSED CELL INSULATION - TAPE, SPACKLE, SAND & PAINT (typ.).
- ADA COMPLIANT TOILET PAPER DISPENSER - GRAINGER, GEORGIA PACIFIC 1CF35 (typ.).
- XLERATOR SEMI-RECESSED HAND DRYER WITH ADA COMPLIANT RECESS KIT INSTALLED AT EXISTING J-BOX. STAINLESS STEEL FINISH. B.O. FIXTURE @ 44" A.F.F. (typ.) - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- BOBRICK AUTOMATIC IN-COUNTER SOAP DISPENSER; B-826 w/ B-826.18 STARTER KIT (typ.).
- 48" HIGH, FULL WIDTH 1/4" PLATE GLASS MIRROR w/STAINLESS STEEL "J" TRIM @ TOP AND BOTTOM. MIRROR LENGTH TO MATCH LENGTH OF COUNTERTOP (V.I.F.) (typ.).
- EXISTING EXPOSED WOOD JOIST TO REMAIN (typ.).
- WALL MOUNTED LED STRIP LIGHT FIXTURE; MOUNTED @ 7'-3" TO CENTERLINE OF FIXTURE AND CENTERED ON MIRROR - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- LED SQUARE LENS DOWNLIGHT TO BE INSTALLED AT EXISTING J-BOX - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXTERIOR WALL PACK TO BE INSTALLED AT EXISTING J-BOX - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- CEILING MOUNTED STRIP LIGHT FIXTURE TO BE INSTALLED AT EXISTING J-BOX - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION (typ.).
- EXISTING EXPOSED WOOD DECKING TO REMAIN (typ.).
- EXISTING FLOOR DRAIN - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- ADA COMPLIANT CONCRETE WALKWAY WITHIN LIMITS SHOWN. WALKWAY CONSTRUCTION TO BE FIRM, STABLE AND SLIP-RESISTANT.
- 24"W x 42"H WALL SUPPORTED URINAL SCREEN - SCRANTON ECLIPSE PARTITIONS, COLOR: BLUEBERRY (typ.).
- 55"H STANDARD FLOOR MOUNTED, OVERHEAD-BRACED TOILET PARTITION w/DOOR - SCRANTON ECLIPSE PARTITIONS, COLOR: BLUEBERRY (typ.).
- ADA COMPLIANT 18" VERTICAL GRAB BAR - GRAINGER, WINGITS GRGG5.
- ADA COMPLIANT 42" HORIZONTAL GRAB BAR - GRAINGER, WINGITS GRGG8.
- ADA COMPLIANT 36" HORIZONTAL GRAB BAR - GRAINGER, WINGITS GRGG7.
- ADA COMPLIANT SOLID SURFACE THRESHOLD TO MATCH COUNTERTOP.
- ADA COMPLIANT SEAT COVER DISPENSER - GRAINGER, TOUGH GUY 1ECK2 (typ.).

2 REFLECTED CEILING PLAN
SCALE: 3/8" = 1'-0"

0 2' 4' 6'



True NORTH

- LED SQUARE LENS DOWNLIGHT TO BE INSTALLED AT EXISTING J-BOX - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXTERIOR WALL PACK TO BE INSTALLED AT EXISTING J-BOX - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- CEILING MOUNTED STRIP LIGHT FIXTURE TO BE INSTALLED AT EXISTING J-BOX - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION (typ.).
- EXISTING EXPOSED WOOD DECKING TO REMAIN (typ.).
- EXISTING FLOOR DRAIN - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- ADA COMPLIANT CONCRETE WALKWAY WITHIN LIMITS SHOWN. WALKWAY CONSTRUCTION TO BE FIRM, STABLE AND SLIP-RESISTANT.
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- ADA COMPLIANT 42" HORIZONTAL GRAB BAR - GRAINGER, WINGITS GRGG8.
- ADA COMPLIANT 36" HORIZONTAL GRAB BAR - GRAINGER, WINGITS GRGG7.
- ADA COMPLIANT SOLID SURFACE THRESHOLD TO MATCH COUNTERTOP.
- ADA COMPLIANT SEAT COVER DISPENSER - GRAINGER, TOUGH GUY 1ECK2 (typ.).
- ADA COMPLIANT PEMKO HALF SADDLE THRESHOLD, 1/2"H, BLACK (OR EQUAL) - VERIFY WIDTH IN FIELD.
- RELOCATED WALL MOUNTED PAPER TOWEL/TRASH RECEPTACLE, MOUNT PAPER TOWEL OUTLET AT 44" A.F.F. (typ.).
- EXISTING AIR DEVICE TO REMAIN (typ.).
- RELOCATED EXISTING AIR UNIT MOUNTED TIGHT TO BOTTOM OF EXISTING EXPOSED WOOD JOIST TO ACCOMMODATE ADULT/BABY CHANGING STATION BELOW - SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING EXHAUST FAN TO REMAIN (typ.).
- CORNER GUARD - ACROVYN CO-8, STAINLESS STEEL, 4'-0"H, MOUNTED AT TOP OF COVE BASE.
- EMERGENCY BATTERY UNIT (typ.) - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- DOOR HOOK HANGER - GRAINGER, ASI GLOBAL 2EHL1, 48" A.F.F. (typ.).
- ADA COMPLIANT RESTROOM SIGNAGE - SEE SHEET A-5 FOR ADDITIONAL INFORMATION.
- RELOCATED DOOR AND HARDWARE FROM EXISTING WOMEN VESTIBULE.
- RELOCATED DOOR AND HARDWARE FROM EXISTING MEN VESTIBULE.
- ADA COMPLIANT ADULT/BABY CHANGING STATION SIGNAGE - SEE SHEET A-5 FOR ADDITIONAL INFORMATION.
- CLEAR FLOOR SPACES/APPROACHES/TURNING SPACES INDICATED WITH DASHED LINES (typ.).
- ADA COMPLIANT WALL MOUNTED LAVATORY WITH ADA DRAIN PROTECTION. LAVATORY SHALL BE INSTALLED WITH FRONT RIM 34" MAX A.F.F. - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- BOBRICK ADA COMPLIANT SURFACE MOUNTED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE; CLASSIC SERIES B-3699. MOUNT PAPER TOWEL OUTLET AT 44" A.F.F.
- GRAINGER ADA COMPLIANT MIRROR; KETCHAM 14CS74 w/ STAINLESS STEEL FRAME. CENTER ABOVE LAVATORY.
- KOALA KARE WALL MOUNTED, FLOOR STANDING ADULT/BABY CHANGING UNIT #KB3000-AHL. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL INSTALL AND AREA PREPARATIONS. SEE SHEET A-5 FOR MANUFACTURER'S PRE-INSTALLATION INSTRUCTIONS/DETAILS. ADULT/BABY CHANGING UNIT TO BE INSTALLED DIRECTLY TO MARINE-GRADE PLYWOOD FIRST THEN CERAMIC WALL TILE TO BE INSTALLED AROUND UNIT.
- EMERGENCY STOP; MOUNTED 31-1/2" - 39-3/8" A.F.F. TO BOTTOM OF STOP - REFER TO INSTALLATION INSTRUCTIONS.
- WALL SIGN FOR ADULT/BABY CHANGING STATION; MATCH CENTERLINE OF WALL SIGN TO CENTERLINE OF EMERGENCY STOP - REFER TO INSTALLATION INSTRUCTIONS.
- 1" THICK, MARINE-GRADE PLYWOOD, MINIMUM 23-5/8" WIDE; EXTENDS FROM FLOOR TO CEILING.
- 1/2" MOISTURE RESISTANT GWB AND WOOD FURRING; BRING FLUSH WITH 1" THICK MARINE-GRADE PLYWOOD.
- BOBRICK AUTOMATIC WALL MOUNTED SOAP DISPENSER; B-2012 (typ.).
- DASHED LINE INDICATES 30 x 48 WHEELCHAIR AREA MEETING ADA REQUIREMENTS.



NO.	REVISION	DATE
-----	----------	------

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10932, expiration date 11/26/2026.
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SHEET TITLE

**Finish Plan,
Schedules & Dtls.**

SHEET NUMBER

A-3

PAGE 4 OF 15

PHASE

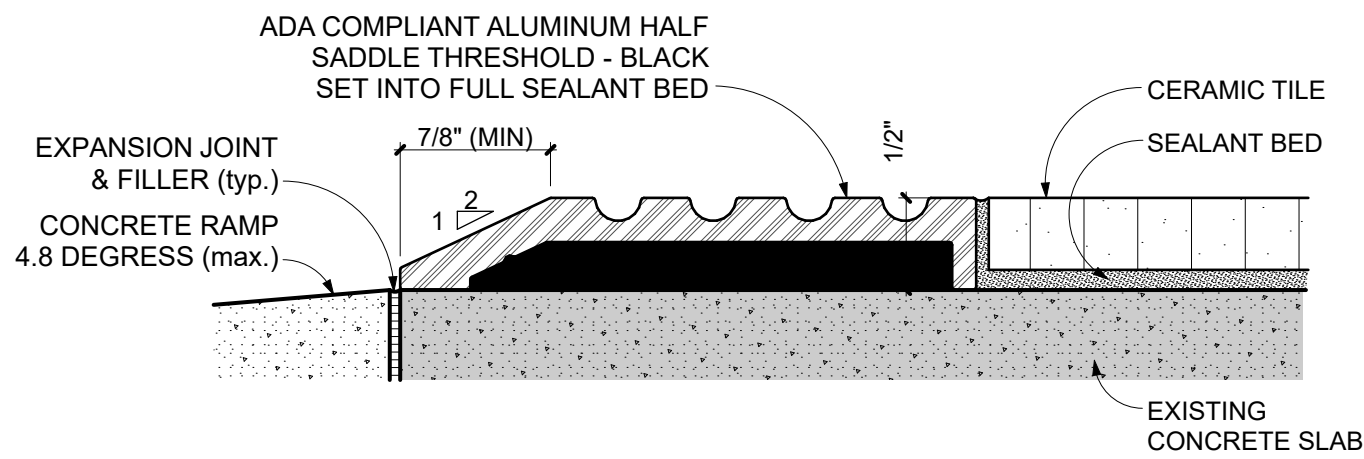
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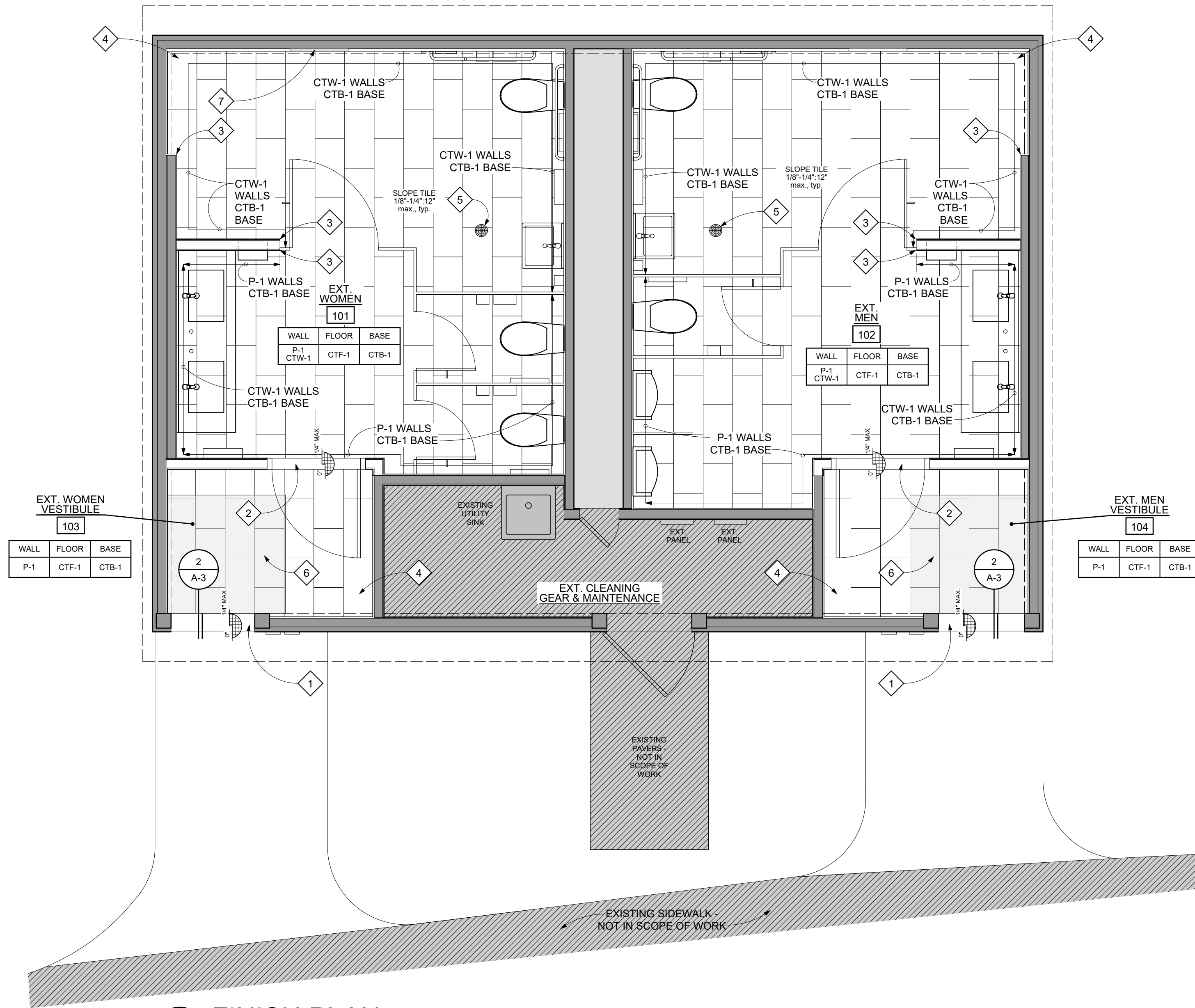
INTERIOR FINISHES				NOTE: SEE FINISH PLAN SHEET
SYMBOL	ITEM	MANUFACTURER	SPECIFICATION AND COLOR	NOTES
CTF-1	CERAMIC TILE FLOORING	DALTILE	BALANS 12" x 24" COLOR: GREY GROUT: MAPEI, COLOR: PEARL GREY	RUNNING BOND PATTERN SLIP RESISTANT
CTB-1	CERAMIC TILE BULLNOSE BASE	DALTILE	BALANS 3" x 12" COLOR: GREY GROUT: MAPEI, COLOR: PEARL GREY	
CTW-1	CERAMIC TILE WALL	AMERICAN OLEAN	WINDMERE 4" x 12" COLOR: SCOTTISH WHITE GROUT: MAPEI, COLOR: RAIN	RUNNING BOND PATTERN
SS-1	SOLID SURFACE	CORIAN	ARTISTA BEIGE	

ROOM FINISH SCHEDULE								
ROOM #	ROOM NAME	FLOOR	BASE	WALL	DOOR/FRAME	CEILING	COUNTERTOP	COMMENTS
101	EXT. WOMEN	CTF-1	CTB-1	P-1, CTW-1	P-2	EXISTING	SS-1	w/WHITE UNDERMOUNT SINK
102	EXT. MEN	CTF-1	CTB-1	P-1, CTW-1	P-2	EXISTING	SS-1	w/WHITE UNDERMOUNT SINK
103	EXT. WOMEN VESTIBULE	CTF-1	CTB-1	P-1	P-2	EXISTING	-	
104	EXT. MEN VESTIBULE	CTF-1	CTB-1	P-1	P-2	EXISTING	-	

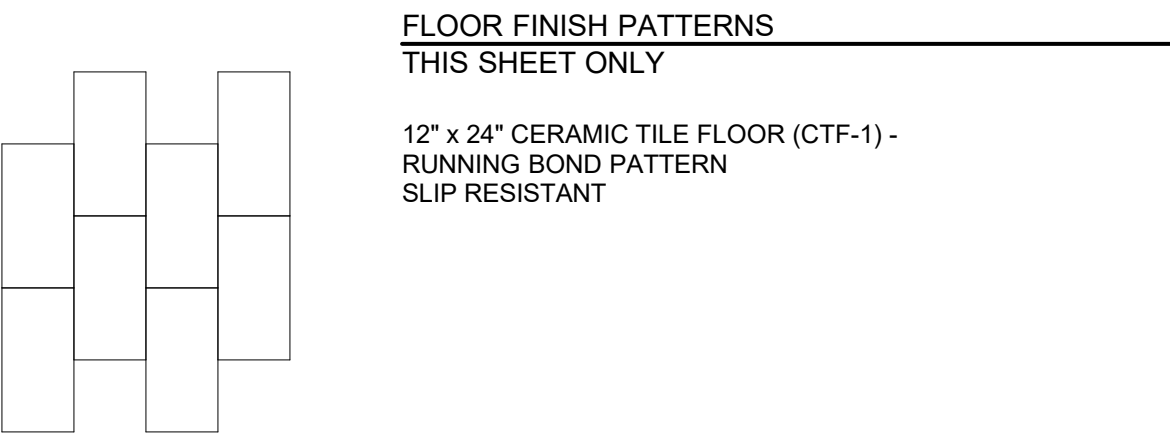
PAINT SCHEDULE		
P-1	MANUFACTURER: BENJAMIN MOORE COLOR: OC-129 ALABASTER FINISH: SEE PAINT NOTES BELOW	WALL PAINT
P-2	MANUFACTURER: BENJAMIN MOORE COLOR: 1543 PLYMOUTH ROCK FINISH: SEE PAINT NOTES BELOW	DOOR/FRAME PAINT
PAINT NOTES		
TYPICAL APPLICATION AND INSTALLATION		
WALLS: EGGSHELL ON WALLS DOORS & FRAMES: SEMI GLOSS		
GYPSUM BOARD RECEIVING LATEX PAINT SHALL BE PRIMED PRIOR TO RECEIVING TWO (2) COATS OF FINISH PAINT.		



2 ADA COMPLIANT THRESHOLD TO CERAMIC TILE
SCALE: 3" = 1'-0"



1 FINISH PLAN
SCALE: 3/8" = 1'-0"
0 2' 4' 6'
Project
True
NORTH



FLOOR FINISH PATTERNS
THIS SHEET ONLY

12" x 24" CERAMIC TILE FLOOR (CTF-1) -
RUNNING BOND PATTERN
SLIP RESISTANT

LEGEND

THIS SHEET ONLY

- EXISTING WALL/DOOR, ETC. TO REMAIN
- EXISTING - NOT IN SCOPE OF WORK.
- LOCATION OF NEW WALL TO BE CONSTRUCTED

GENERAL NOTES
THIS SHEET ONLY

- DO NOT SCALE DRAWINGS.

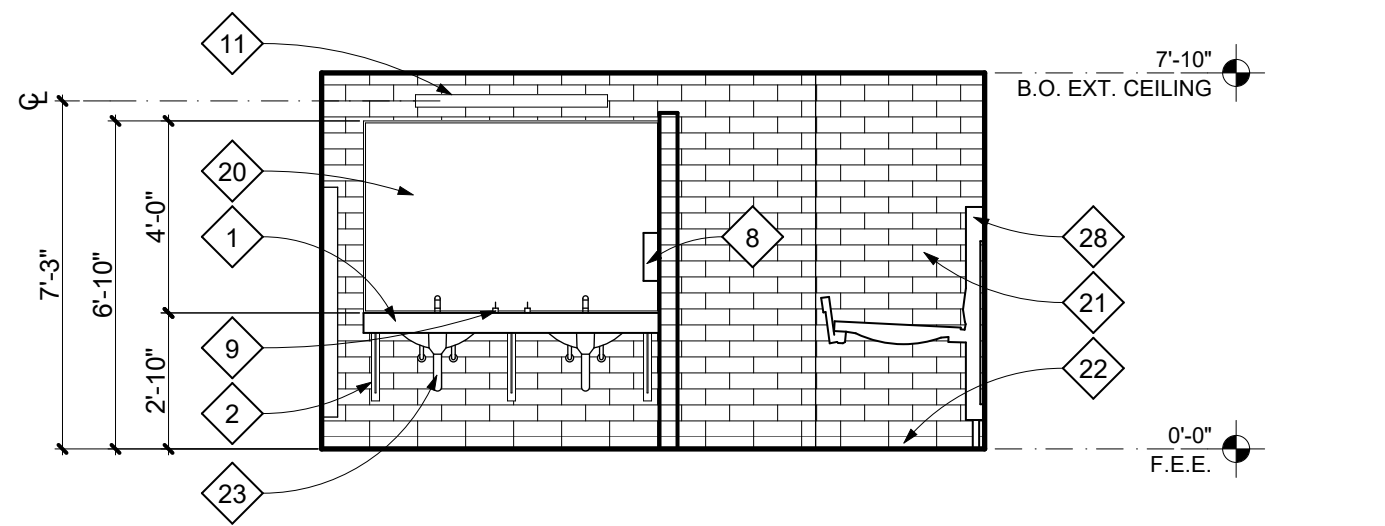
CONSTRUCTION NOTES
THIS SHEET ONLY

- CONTRACTOR SHALL CLEAN, PATCH, AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL $F_1 = 35$ AND $F_2 = 25$ PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER & SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1".
- VERIFY ALL FLOOR TRANSITIONS IN FIELD PRIOR TO INSTALLATION. CHANGES IN LEVEL BETWEEN 1/4" MIN TO 1/2" MAX SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" HIGH SHALL BE RAMPED AT MAX SLOPE = 1:20.
- ALL DIMENSIONS ARE FINISH DIMENSIONS u.n.o.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING MATERIALS.
- ALL DRYWALL SHALL BE LEVEL (4) FINISH QUALITY.
- SEE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
- FLOOR SHALL BE SLIP RESISTANT.

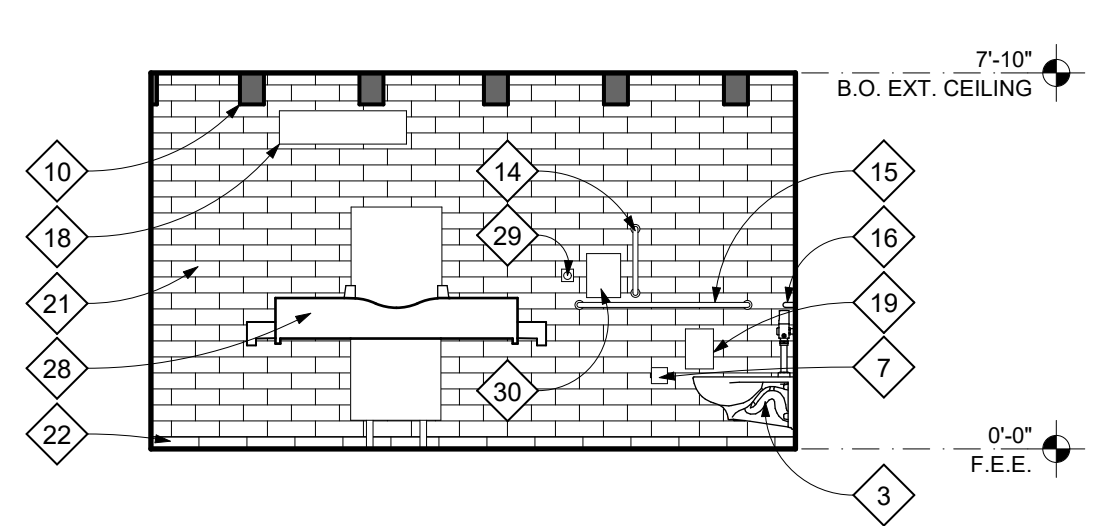
KEYNOTES

THIS SHEET ONLY

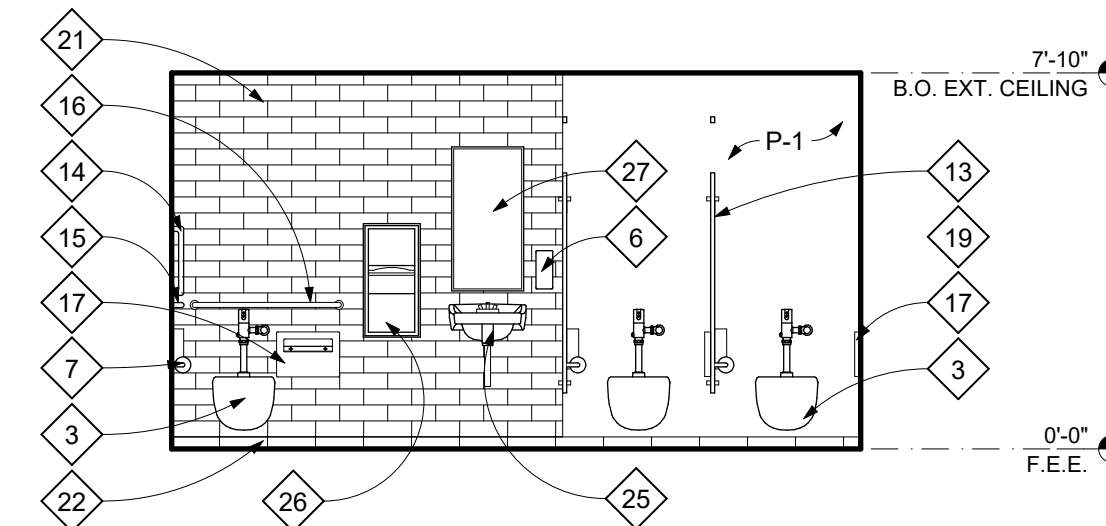
- 1 ADA COMPLIANT PEMKO HALF SADDLE THRESHOLD, 1/2"H, BLACK - VERIFY WIDTH IN FIELD.
- 2 ADA COMPLIANT SOLID SURFACE THRESHOLD TO MATCH COUNTERTOP.
- 3 SCHLUTER JOLLY TILE AT EDGE TRIM.
- 4 FULL TILE LAYOUT STARTING POINT.
- 5 EXISTING FLOOR DRAIN - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 6 4' x 4' ADA/NFSI COMPLIANT WIPER/SCRAPER ENTRANCE MAT. WATER HOG CLASSIC ENTRANCE MAT (OR EQUAL); COLOR: MEDIUM BLUE. VERIFY PREFERRED SIZE IN FIELD.
- 7 MARINE-GRADE PLYWOOD LOCATION, MINIMUM 23-5/8" WIDE. SEE FLOOR PLAN FOR EXACT LOCATION. ADULT/BABY CHANGING UNIT TO BE INSTALLED DIRECTLY TO MARINE-GRADE PLYWOOD FIRST THEN CERAMIC WALL TILE TO BE INSTALLED AROUND UNIT.



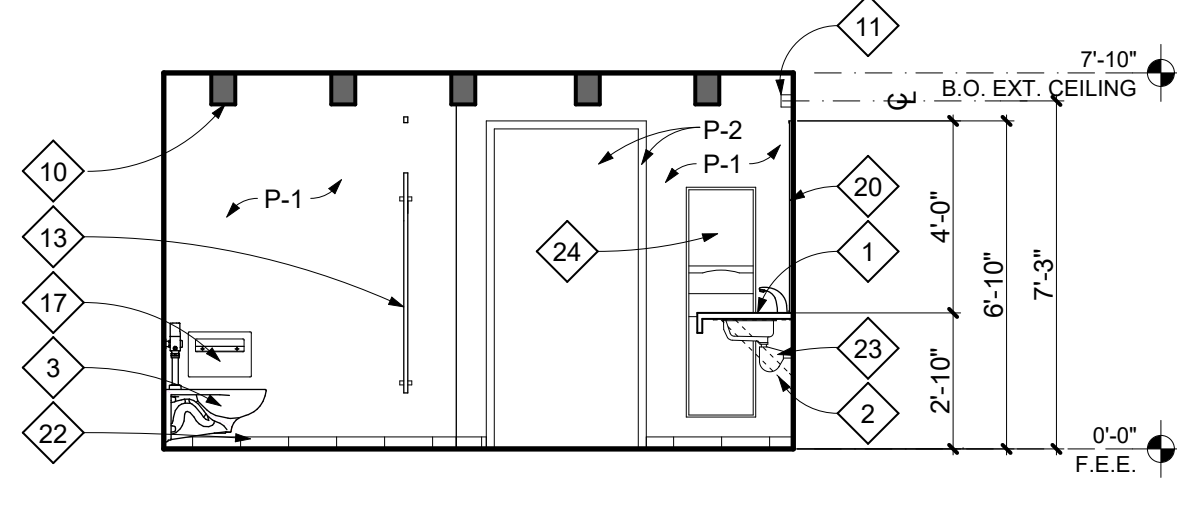
1 WOMEN'S RESTROOM 101
SCALE: 1/4" = 1'-0"



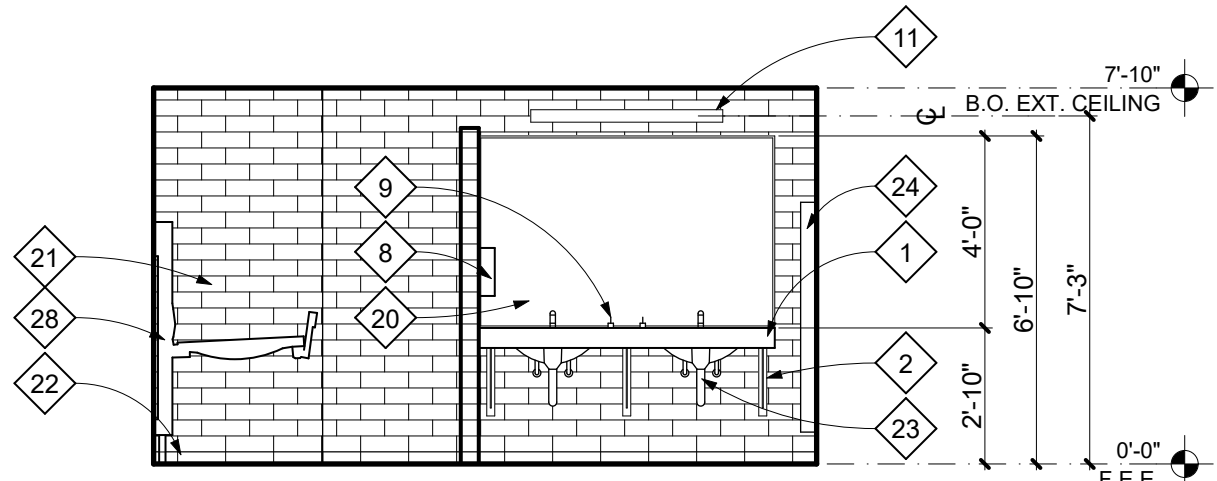
2 WOMEN'S RESTROOM 101
SCALE: 1/4" = 1'-0"



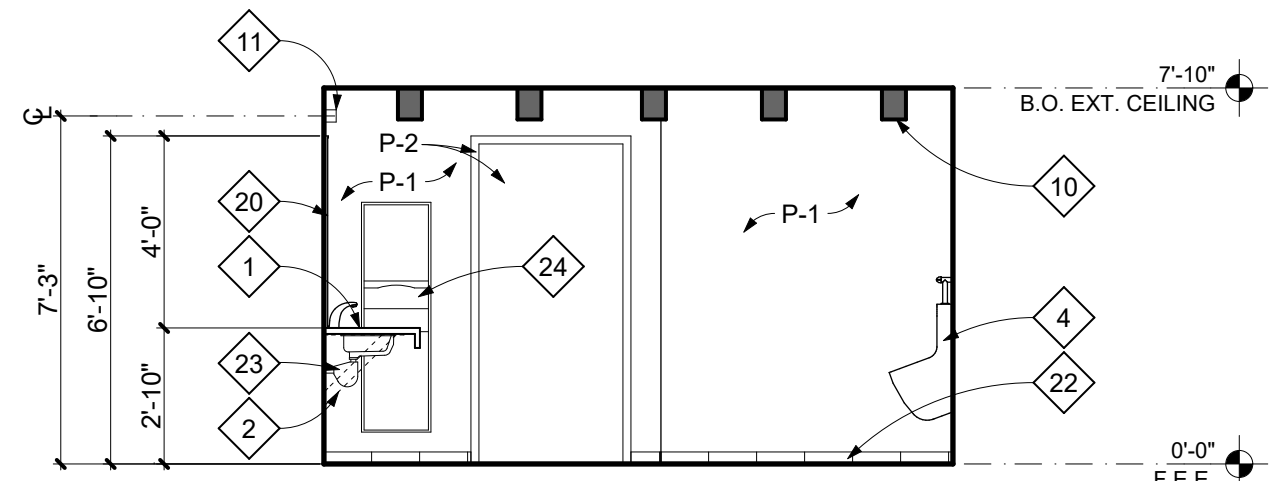
3 WOMEN'S RESTROOM 101
SCALE: 1/4" = 1'-0"



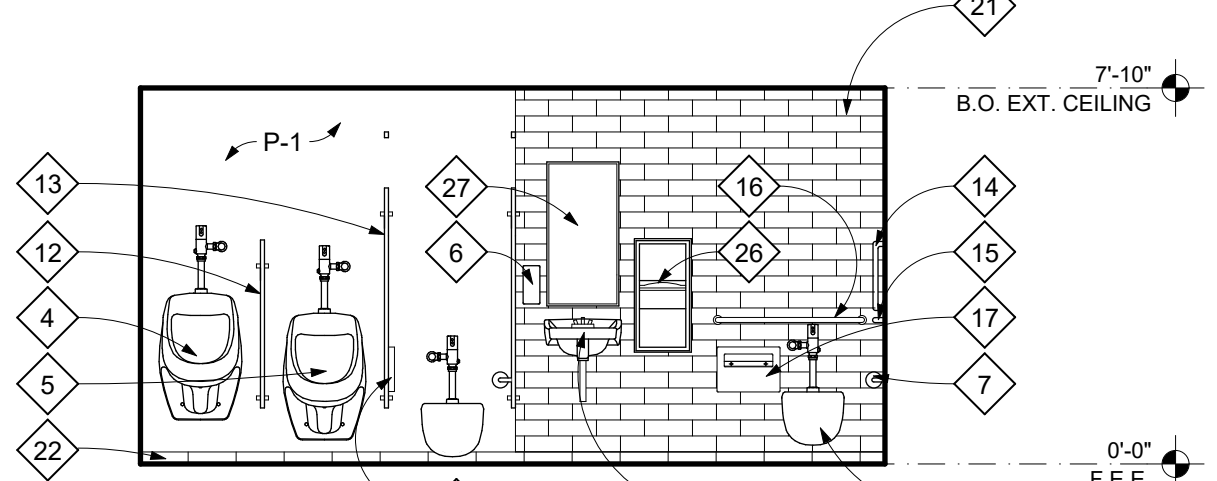
4 WOMEN'S RESTROOM 101
SCALE: 1/4" = 1'-0"



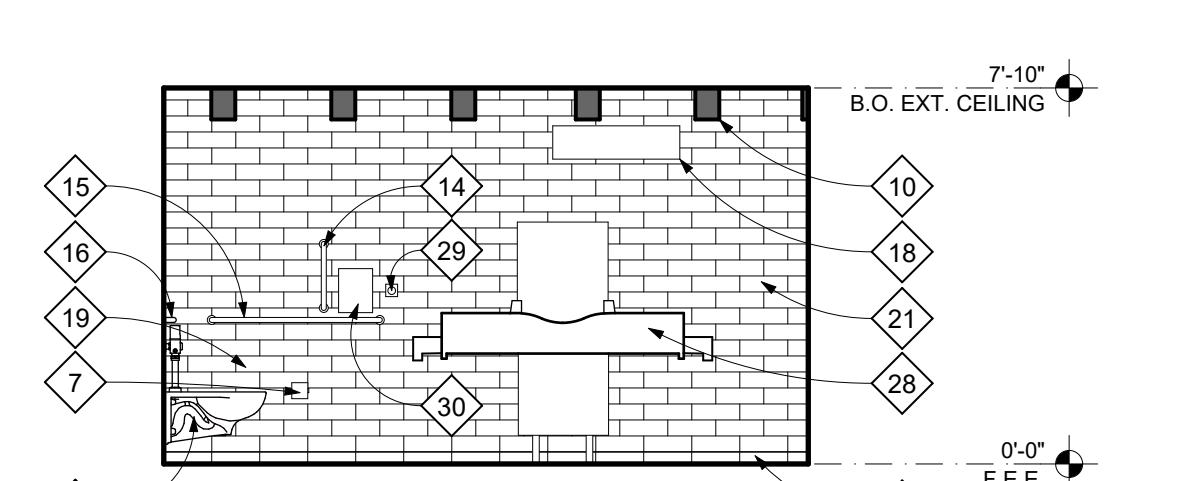
5 MEN'S RESTROOM 102
SCALE: 1/4" = 1'-0"



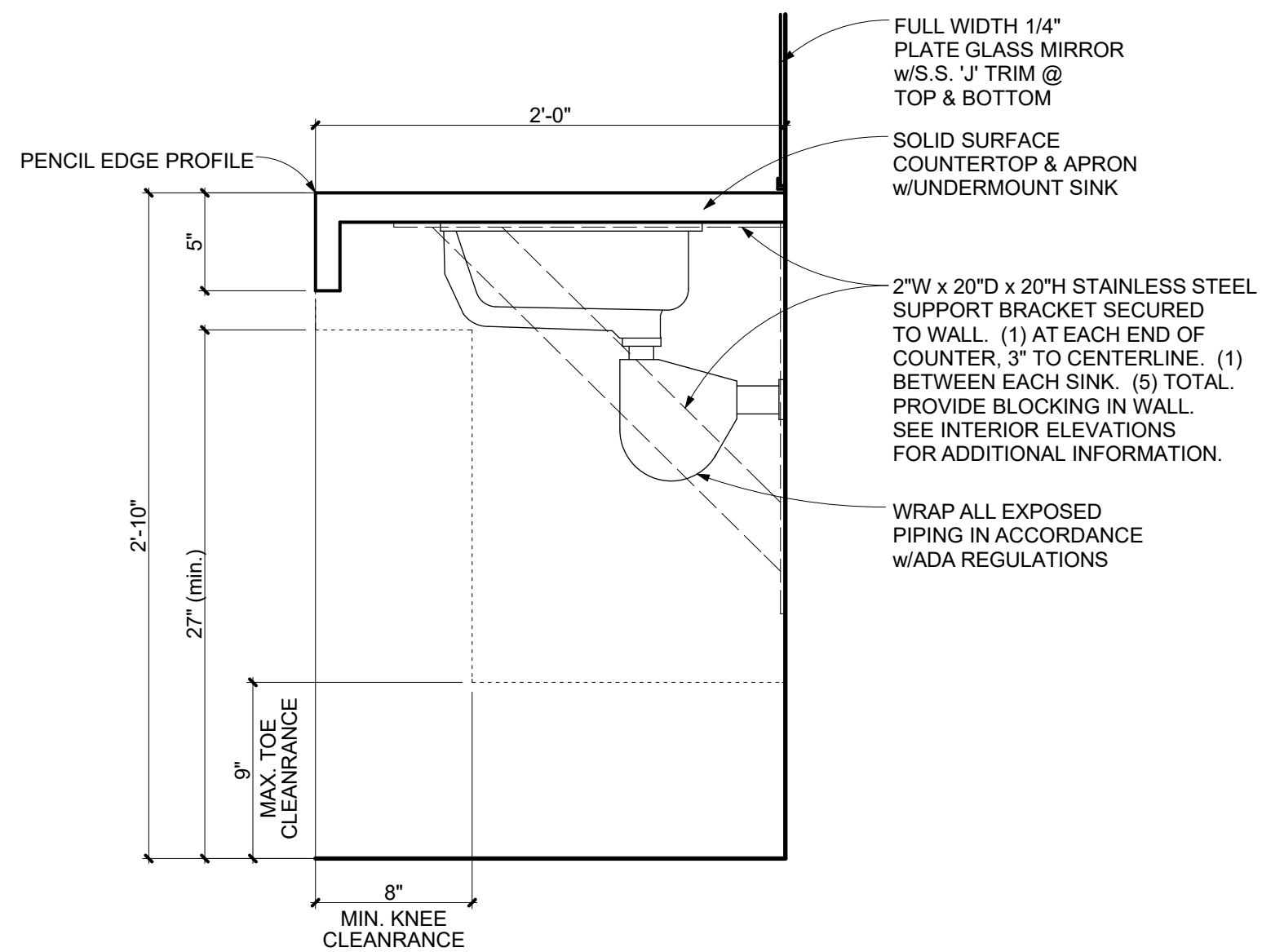
6 MEN'S RESTROOM 102
SCALE: 1/4" = 1'-0"



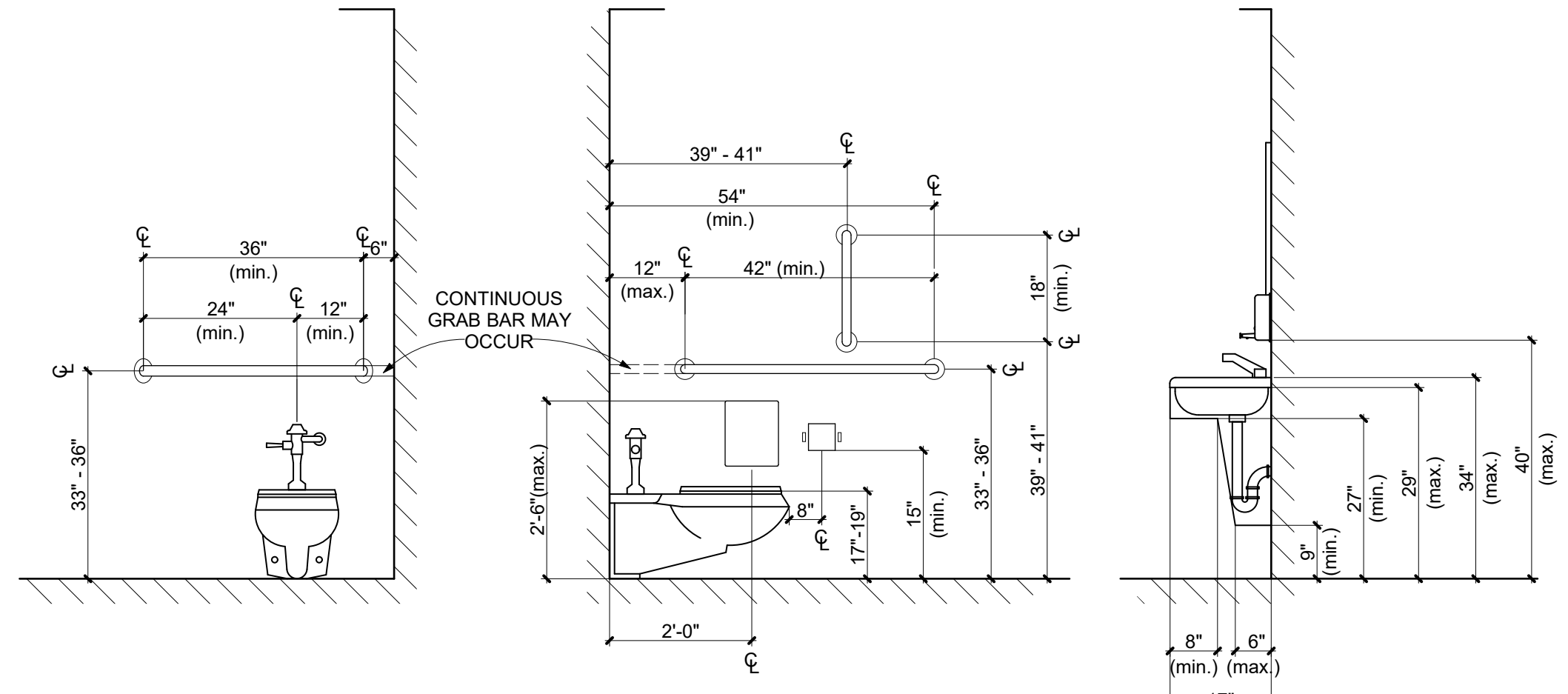
7 MEN'S RESTROOM 102
SCALE: 1/4" = 1'-0"



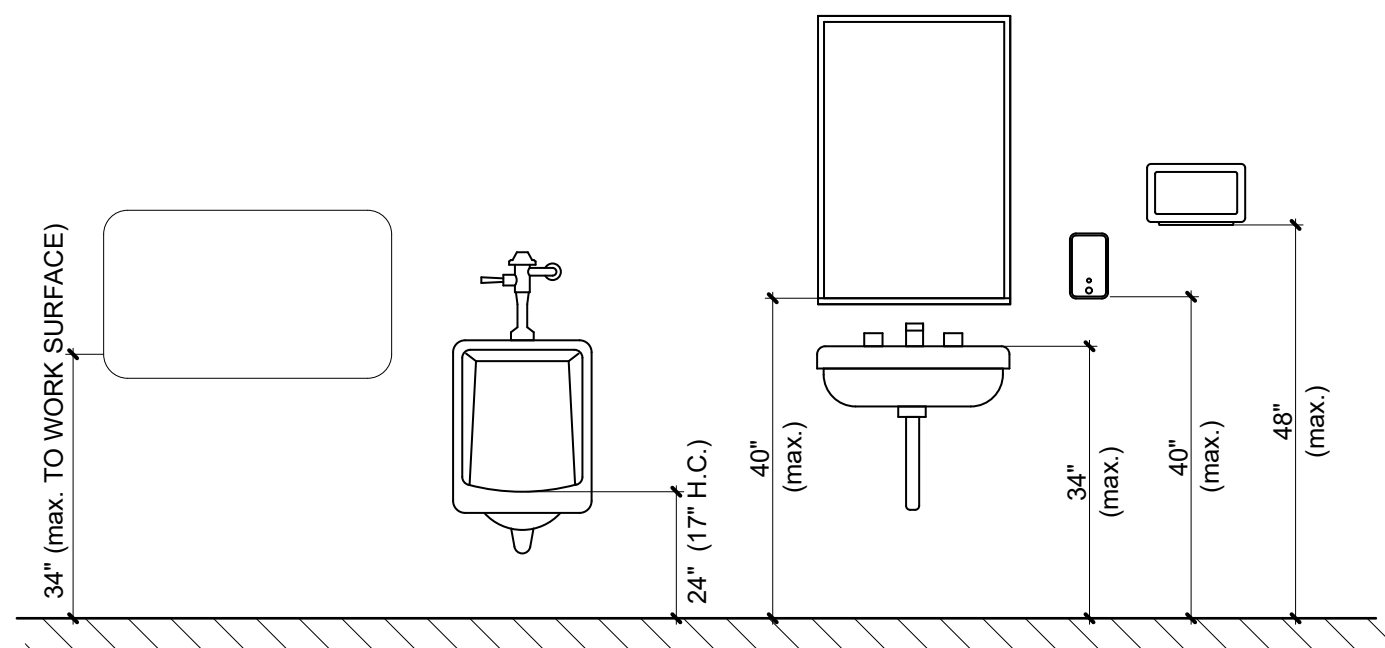
8 MEN'S RESTROOM 102
SCALE: 1/4" = 1'-0"



9 ADA COUNTERTOP SECTION
SCALE: 1-1/2" = 1'-0"



TYPICAL FIXTURE MOUNTING HEIGHTS



- GENERAL NOTES**
THIS SHEET ONLY
- CONTRACTOR SHALL PROVIDE BLOCKING AT THE FOLLOWING LOCATIONS: GRAB BARS, HANDRAILS, WALL HUNG FIXTURES, ADULT/BABY CHANGING STATIONS, URINAL SCREENS, TOILET PARTITIONS, ETC.
 - REFER TO SHEET A-4 FOR ADA FIXTURE MOUNTING HEIGHTS.
 - SEE FINISH AND PAINT SCHEDULES FOR ALL FINISHES.

- CONSTRUCTION NOTES**
THIS SHEET ONLY
- ALL DRYWALL SHALL BE LEVEL (4) FINISH QUALITY.

- KEYNOTES**
THIS SHEET ONLY
- SOLID SURFACE COUNTERTOP WITH FRONT AND SIDE APRONS (SS-1) w/WHITE UNDERMOUNT SINKS, AUTOMATIC FAUCETS - SEE FINISH SCHEDULE AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 2"W x 20"D x 20"H STAINLESS STEEL SUPPORT BRACKET SECURED TO WALL. (1) AT EACH END OF COUNTER, 3" TO CENTERLINE. (3) TOTAL PROVIDE BLOCKING IN WALL.
 - ADA COMPLIANT WALL HUNG AUTOMATIC FLUSH TOILET AND ENLARGED OPEN-FRONT TOILET SEAT (typ.) - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - WALL HUNG AUTOMATIC FLUSH URINAL - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION (typ.).
 - ADA COMPLIANT WALL HUNG AUTOMATIC FLUSH URINAL - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - BOBRICK AUTOMATIC WALL MOUNTED SOAP DISPENSER; B-2012 (typ.).
 - ADA COMPLIANT TOILET PAPER DISPENSER - GRAINGER, GEORGIA PACIFIC 1CF35 (typ.).
 - XLERATOR SEMI-RECESSED HAND DRYER WITH ADA COMPLIANT RECESS KIT INSTALLED AT EXISTING J-BOX. STAINLESS STEEL FINISH. B.O. FIXTURE @ 44" A.F.F. - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- BOBRICK AUTOMATIC IN-COUNTER SOAP DISPENSER; B-826 w/ B-826.18 STARTER KIT (typ.).
- EXISTING EXPOSED WOOD JOIST TO REMAIN (typ.).
- WALL MOUNTED LED STRIP LIGHT FIXTURE; MOUNTED @ 7'-3" TO CENTERLINE OF FIXTURE AND CENTERED ON MIRROR - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 24"W x 42"H WALL SUPPORTED URINAL SCREEN - SCRANTON ECLIPSE PARTITIONS, COLOR: BLUEBERRY (typ.).
- 55"H STANDARD FLOOR MOUNTED, OVERHEAD-BRACED TOILET PARTITION w/DOOR - SCRANTON ECLIPSE PARTITIONS, COLOR: BLUEBERRY (typ.).
- ADA COMPLIANT 18" VERTICAL GRAB BAR - GRAINGER, WINGITS 6RGG5.
- ADA COMPLIANT 42" HORIZONTAL GRAB BAR - GRAINGER, WINGITS 6RGG8.
- ADA COMPLIANT 36" HORIZONTAL GRAB BAR - GRAINGER, WINGITS 6RGG7.
- ADA COMPLIANT SEAT COVER DISPENSER - GRAINGER, TOUGH GUY 1ECK2 (typ.).
- RELOCATED EXISTING AIR UNIT MOUNTED TIGHT TO BOTTOM OF EXISTING EXPOSED WOOD JOIST TO ACCOMMODATE BABY CHANGING STATION BELOW - SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- ADA COMPLIANT WALL MOUNTED SANITARY NAPKIN DISPOSAL - GRAINGER, TOUGH GUY 1ECK9. TOP OF FIXTURE AT 30" A.F.F. (typ.).
- 48" HIGH, FULL WIDTH 1/4" PLATE GLASS MIRROR w/STAINLESS STEEL 'J' TRIM @ TOP AND BOTTOM. MIRROR LENGTH TO MATCH LENGTH OF COUNTERTOP (V.I.F.).
- 4" x 12" CERAMIC WALL TILE - RUNNING BOND PATTERN. ADULT/BABY CHANGING UNIT TO BE INSTALLED DIRECTLY TO MARINE-GRADE PLYWOOD FIRST THEN CERAMIC WALL TILE TO BE INSTALLED AROUND UNIT.
- 3" x 12" CERAMIC FLOOR BULLNOSE TILE.
- WRAP ALL EXPOSED PIPING IN ACCORDANCE w/ADA REGULATIONS.
- RELOCATED WALL MOUNTED PAPER TOWEL/TRASH RECEPTABLE, MOUNT PAPER TOWEL OUTLET AT 44" A.F.F. (typ.).
- ADA COMPLIANT WALL MOUNTED LAVATORY WITH ADA DRAIN PROTECTION. LAVATORY SHALL BE INSTALLED WITH FRONT RIM 34" MAX A.F.F. - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- BOBRICK ADA COMPLIANT SURFACE MOUNTED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE; CLASSIC SERIES B-3699. MOUNT PAPER TOWEL OUTLET AT 44" A.F.F.
- GRAINGER ADA COMPLIANT MIRROR; KETCHAM 14C574 w/ STAINLESS STEEL FRAME. CENTER ABOVE LAVATORY.

- KOALA KARE WALL MOUNTED, FLOOR STANDING ADULT/BABY CHANGING UNIT #KB3000-AHL. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL INSTALL AND AREA PREPARATIONS. SEE SHEET A-5 FOR MANUFACTURER'S PRE-INSTALLATION INSTRUCTIONS/DETAILS. MARINE-GRADE PLYWOOD LOCATION BEHIND STATION IS MINIMUM 23-5/8" WIDE. SEE FLOOR PLAN FOR EXACT LOCATION. ADULT/BABY CHANGING UNIT TO BE INSTALLED DIRECTLY TO MARINE-GRADE PLYWOOD FIRST THEN CERAMIC WALL TILE TO BE INSTALLED AROUND UNIT.
- EMERGENCY STOP: MOUNTED 31-1/2" - 39-3/8" A.F.F. TO BOTTOM OF STOP - REFER TO INSTALLATION INSTRUCTIONS.
- WALL SIGN FOR ADULT/BABY CHANGING STATION; MATCH CENTERLINE OF WALL SIGN TO CENTERLINE OF EMERGENCY STOP - REFER TO INSTALLATION INSTRUCTIONS.

- SINK NOTES:**
- INSULATE OR COVER ALL HOT WATER AND DRAIN PIPES UNDER SINKS. NO SHARP OR ABRASIVE SURFACES ALLOWED UNDER SINKS.
- FAUCET CONTROLS AND OPERATING MECHANISMS MUST BE EASILY OPERATED BY ONE HAND AND MUST NOT REQUIRE GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE NEEDED TO ACTIVATE CONTROLS SHALL NOT EXCEED 5 LBS. FOR LEVER OPERATED OR 15 LBS. FOR PUSH TYPE.
- GRAB BAR NOTES:**
- GRAB BARS SHALL NOT ROTATE AND THERE ARE TO BE NO SHARP OR ABRASIVE ELEMENTS ON OR ADJACENT TO THEM. EDGES ARE TO HAVE A MINIMUM OF 18" RADIUS. GRAB BAR BACKING AND ATTACHMENT SHALL BE CONSTRUCTED FOR A 250 POUND POINT LOAD.



MRA PROJECT NUMBER		22329
DRAWN BY		SKJ
ISSUED DATE		08/01/2025

TYPE

1 STUD WALL HEAD DETAIL (JAMB SIM.)
SCALE: 1-1/2" = 1'-0"

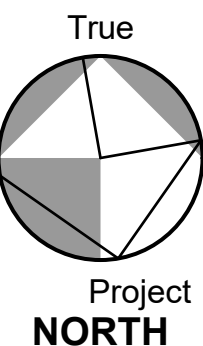
2 ADA WALL MOUNTED RESTROOM SIGN (typ.)
NOT TO SCALE

3 TYPICAL RESTROOM
SIGNAGE MOUNTING HGTS.
NOT TO SCALE

1	EA	STAINLESS STEEL PUSH PLATE, 4"W x 16"H HAGER COMPANIES, #30S, BEVELED, FINISH: US26D
1	EA	STAINLESS STEEL 10" WIRE PULL w/PLATE, 4"W x 16"H, HAGER COMPANIES, #30 SERIES, 33J, FINISH: US26D
1-1/2	PR	4x4, STANDARD HINGE, FIVE KNUCKLE FULL MORTISE BALL BEARING HINGE HAGER COMPANIES, #BB1191, FINISH: US26D
1	EA	NORTON DOOR CONTROLS, NORTON SERIES, 1600 REGULAR ARM CLOSER. FINISH: ALUMINUM NORTON FINISH "AL". MOUNTED TO THE PRIVATE SIDE OF THE DOOR.
1	EA	WALL MOUNTED DOOR STOP, ROCKWOOD 404, US26D SATIN CHROME
3	EA	SILENCERS, HAGER COMPANIES, #307D GRAY
1	EA	KICKPLATE, 12"H x 2'-10"W HAGER COMPANIES, #190S, FINISH: US28
1	EA	SOLID SURFACE THRESHOLD TO MATCH COUNTERTOP, 1/2" MAX ABOVE ADJACENT FLOOR FINISH BY DEPTH OF FRAME

ACCESSIBILITY SIGNAGE NOTES:	
1.	LETTERS AND NUMBERS SHALL BE RAISED 1/32". UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2". PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAMS. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6" MINIMUM IN HEIGHT.
2.	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 HEIGHT SHALL BE 60" A.F.F. TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
3.	TOILET ROOM DOOR SYMBOL SHALL BE IN CONTRASTING COLOR.
<u>NOTE:</u>	
WALL MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR, CLEAR OF DOOR SWING, MOUNT AT 60" TO CENTERLINE OF SIGN FROM FLOOR.	

DOOR SCHEDULE											
DOOR NO.	ROOM NUMBER & NAME	SIZE	TYPE	DOOR		FRAME			RATING	ACCS.	COMMENTS
				MATERIAL	FINISH	TYPE	FINISH	HEAD & JAMB DETAIL			
103A	EXT. WOMEN VESTIBULE	3'-0" x 6'-8" x 1 3/4"	A1	INSULATED METAL	P-2	HM1	P-2	1/A-5	NONE	1	
103B	EXT. WOMEN VESTIBULE	EXISTING									→ RELOCATED FROM EXISTING MEN VESTIBULE
104A	EXT. MEN VESTIBULE	3'-0" x 6'-8" x 1 3/4"	A1	INSULATED METAL	P-2	HM1	P-2	1/A-5	NONE	1	
104B	EXT. MEN VESTIBULE	EXISTING									→ RELOCATED FROM EXISTING WOMEN VESTIBULE



KEY PLAN/SITE PLAN
NOT TO SCALE

Koala Kare™

- A 108 5/16" (2751 mm) width area is recommended for fitting this product, to allow adequate clear space at each ends of the unit. If this is not available please defer to local/national building code for minimum clearance required around the unit.
- For solid masonry construction, it is expected that a wooden frame of 2" (50 mm) x 2" (50 mm) sections will be securely fixed to a solid load bearing concrete, brick or equivalent construction wall which is flat and able to bear a load of 1250 lbs (566 kg)
- This construction or equivalent must be faced with minimum 23 5/8" (600 mm) wide, 1 in. (25 mm) thick marine plywood which continuously extends from floor to ceiling.

Koala Kare

Fig 11.2 Emergency stop & switch, waterproof, flex outlet

Koala Kare

Fig 11.1 Preparing the wall

Koala Kare™

Fig 11.3 Fixing points of KB3000 SBL

- A sheet of 1" (25 mm) marine plywood which is at least 23 5/8" (600 mm) wide has been securely fitted in accordance with section 11.
- The Emergency Stop has been fitted at the position shown in Fig 11.2. The cable has been hidden in the wall and at least 11 13/16" (300 mm) of cable is coming out of the wall.
- The switched, waterproof flex outlet has been fitted in the position shown in Fig 11.2, is no larger than the stated dimensions and flush or sub-flush with the wall.
- The entire wall has been painted and finished ready for potting.



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Telegent Engineering, Inc.
2216 Commerce Road, Suite 1
Forest Hill, Maryland 21050
410-692-5816

USING AGENCY APPROVAL

NAME _____ DATE _____

TITLE _____

PROJECT MANAGER _____ DATE _____

CHIEF OF PM&D DATE

STAMP



CLIENT
Department of General Services
301 West Preston Street
Baltimore, MD 20686

PROJECT NAME
**Renovations to
Barthrooms
Bathrooms -
Historic St.
Mary's
Commission
DGS Project #
SM-850-230-002 REBID
P.O. Box 39
18559 Hogaboom Lane
St. Mary's City, MD
20686**

MRA PROJECT NUMBER		22329
DRAWN BY		SKJ
ISSUED DATE		08/01/2025
NO.	REVISION	DATE

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10932, expiration date 11/26/2026.
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SHEET TITLE
Door Info., Dtls.,
ADA Info., Chnging.
Station Dtls. & Key
Plan/Site Plan

SHEET NUMBER

A-5

PAGE 6 OF 15

PHASE For Bid

PLOT file created on: Friday, July 25, 2025

SEQUENCE OF OPERATIONS

EXHAUST FANS:

- I. EXHAUST FAN (EF-I) SHALL PROVIDE GENERAL VENTILATION FOR RESTROOMS BY CONTROL OF THE DEDICATED CIRCUIT BREAKER. EF-I SHALL BE ENERGIZED 24 HOURS A DAY/7 DAYS A WEEK.

GENERAL NOTES

- I. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH LOCAL CODES AND LANDLORD'S LEASING SPECIFICATION AND DRAWINGS.
2. MECHANICAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.
3. ALL EQUIPMENT SHALL BE LISTED BY AN APPROVED AND RECOGNIZED TESTING AGENCY SUCH AS UL, FM, OR ETL.
4. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH LOCAL CODES, THE INTERNATIONAL MECHANICAL CODE (IMC), THE INTERNATIONAL PLUMBING CODE (IPC), THE PROJECT SPECIFICATIONS AND DRAWINGS.
5. EXISTING CONDITIONS AS SHOWN ON PLANS WERE OBTAINED FROM ORIGINAL BUILDING DRAWINGS AND "SPOT-VERIFIED" DURING FIELD SURVEY. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL ACTUAL CONDITIONS, MAKING NOTE OF ANY DEVIATIONS FROM THESE PLANS. WHERE DEVIATIONS AFFECT INSTALLATION OF NEW WORK AS SHOWN HEREIN, CONTRACTOR SHALL CONSULT WITH THE ENGINEER BEFORE PROCEEDING.
6. EXISTING CONDITIONS CLARIFICATION: ALL EXISTING CONDITION FLOOR PLANS, EXISTING EQUIPMENT/DEVICE LOCATIONS AND SIZES, ETC., SHOWN ON THE CONTRACT DOCUMENTS INDICATE EXISTING CONDITIONS AS KNOWN. THE EXISTING CONDITIONS ARE NOT INTENDED TO BE "AS BUILT" AND MAY DIFFER FROM THOSE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS, PARTICULARLY WHERE THEY MAY IMPACT THE PROPOSED WORK, PRIOR TO STARTING CONSTRUCTION. MINOR VARIATIONS CAN BE EXPECTED. ANY REQUIRED DEVIATION FROM THE CONTRACT DOCUMENTS AS A RESULT OF DIFFERING SITE CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS, DUCT LAYOUT, ETC. EXISTING CONDITIONS HAVE BEEN OBTAINED FROM RECENT FIELD SURVEY.
8. NO EQUIPMENT SHALL BE ABANDONED ABOVE THE CEILING. ALL EQUIPMENT WHICH IS DISCONNECTED AND NO LONGER IN USE SHALL BE REMOVED BACK TO THE NEAREST ACTIVE MAIN, AND THERE CAPPED AND SEALED.
9. THE CONTRACTOR SHALL USE X-RAY OR GROUND PENETRATION RADAR (GPR) FOR THE FLOOR SLAB PRIOR TO CUTTING AND/OR CORE DRILLING. COORDINATE WITH BUILDING OWNER.
10. COORDINATE ALL NEW INSTALLATIONS WITH EXISTING PIPING, EQUIPMENT, DUCTWORK, CONDUIT, ETC. ABOVE THE CEILINGS. ADJUST NEW WORK AS REQUIRED.
11. ALL EQUIPMENT SHALL BE INSTALLED AND SERVICE CLEARANCES MAINTAINED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
12. ALL NEW DOMESTIC WATER PIPING SHALL BE STERILIZED IN ACCORDANCE WITH STANDARD INDUSTRY PRACTICES AND AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
13. ALL SANITARY AND VENT DRAINAGE PIPING SHALL BE CONSTRUCTED OF SCHEDULE 40 PVC (ABOVE/BELOW SLAB) WITH FITTING SPECIFICALLY DESIGNED FOR USE IN DRAINAGE SYSTEM.
14. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLAN.
15. CONTRACTOR SHALL OBTAIN APPROVED SHOP DRAWINGS FOR ALL EQUIPMENT PRIOR TO INSTALLING ON THE JOB. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COMMENTS ON SHOP DRAWINGS.
16. ALL DUCTWRAP INSULATION, RIGID INSULATION, AND SOUND LINING SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH CODE. ALL MATERIALS USED IN INSULATION SYSTEMS SHALL MEET ALL NFPA 90A FLAME SPREAD AND SMOKE DEVELOPED RATINGS.
17. ALL PARTS OF THE HEATING, VENTILATING, AIR CONDITIONING SYSTEMS SHALL BE ADJUSTED, CHECKED, BALANCED AND TESTED BY INDEPENDENT AIR BALANCING CONTRACTOR. THE CONTRACTOR SHALL PUT ALL SYSTEMS AND EQUIPMENT INTO FULL OPERATION. BALANCING SHALL INCLUDE ADJUSTMENTS TO THE EXISTING AIR HANDLING UNIT AND VAV TERMINAL UNITS IN ADJACENT SPACES AS REQUIRED TO OBTAIN PROPER AIR FLOW IN ALL AREAS SERVED BY THE AFFECTED UNIT. THE CONTRACTOR SHALL BALANCE THE SYSTEM DURING NORMAL WORKING HOURS TO ENSURE APPROPRIATE AIRFLOWS TO ALL AREAS. SUBMIT THREE (3) COPIES OF AABC CERTIFIED BALANCING REPORTS AND CONTRACTOR CERTIFICATION REPORT TO THE TENANT'S FIELD REPRESENTATIVE. PERMANENTLY MARK THE POSITION OF EACH BALANCING DAMPER.
18. THE TEMPERATURE CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL POWER WIRING AND CONTROL WIRING, REGARDLESS OF VOLTAGE, TO ALL CONTROL DEVICES (DAMPERS, RELAYS, STARTERS, ETC.) IF, AS A PART OF THIS WORK, 120V OR OTHER HIGH VOLTAGE WIRING IS REQUIRED FOR WHICH THE CONTROLS CONTRACTOR IS NOT QUALIFIED OR CERTIFIED, THE CONTROLS CONTRACTOR SHALL EMPLOY THE SERVICES OF THE PROJECT ELECTRICAL CONTRACTOR TO PERFORM SUCH WORK. ALL COSTS FOR CONTROLS RELATED WIRING SHALL BE BORNE BY THE CONTROLS CONTRACTOR, AND THAT CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY COORDINATION.
19. UPON COMPLETION OF THE MECHANICAL INSTALLATIONS, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER ONE COMPLETE SET OF PRINTS OF THE MECHANICAL CONTRACT DRAWINGS WHICH SHALL BE LEGIBLY MARKED IN RED PENCIL TO SHOW ALL CHANGES AND DEPARTURES OF THE INSTALLATION AS COMPARED WITH THE ORIGINAL DESIGN. THEY SHALL BE SUITABLE FOR USE IN PREPARATION OF RECORD DRAWINGS.
20. CLARIFICATION: IF THE CONTRACT DOCUMENTS ARE FOUND TO BE UNCLEAR, AMBIGUOUS, OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ENGINEER BEFORE PROCEEDING WITH THAT PART OF THE WORK.
21. THE ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT IN ACCORDANCE WITH THE INTENT OF THESE DRAWINGS.
22. MECHANICAL CONTRACTOR SHALL VERIFY ALL VOLTAGES OF MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN AND ORDERING EQUIPMENT.
23. CLARIFICATION OF DRAWINGS: SHOULD A BIDDER FIND DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR SHOULD HE BE IN DOUBT WITH REGARD TO THEIR INTENT, HE SHALL NOTIFY THE ENGINEER BEFORE SUBMITTING HIS BID PROPOSAL. THE ENGINEER SHALL THEN SEND WRITTEN INSTRUCTIONS TO ALL BIDDERS. ORAL INSTRUCTIONS SHALL NOT BE BINDING TO EITHER THE ENGINEER OR OWNER. IF THIS CONTRACTOR FAILS TO COMPLY WITH THIS REQUIREMENT, HE SHALL ACCEPT THE ENGINEER'S INTERPRETATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

SYMBOLS LIST & ABBREVIATIONS:

	VOLUME DAMPER		SANITARY PIPE (SAN.)
	FIRE DAMPER W/ACCESS DOOR		VENT PIPE (V)
	FLEXIBLE CONNECTION		COLD WATER PIPE (C.W.)
	CAPPED DUCTWORK		HOT WATER PIPE (H.W.)
	CAPPED DUCTWORK		TRAP PRIMER PIPE (TP)
	DUCTWORK TRANSITION		CONDENSATE DRAIN PIPE (CD)
	RISE AND DROP IN DUCTWORK		REFRIGERANT SUCTION
	RISE AND DROP IN DUCTWORK		REFRIGERANT LIQUID
	TURNING VANES		SPRINKLER PIPE (SP)
	SUPPLY DUCT DOWN		PIPE DOWN
	SUPPLY DUCT UP		PIPE UP
	RETURN DUCT DOWN		CLEANOUT (FLOOR & WALL)
	RETURN DUCT UP		DIRECTION OF LIQUID FLOW
	EXHAUST DUCT DOWN		BALL VALVE
	EXHAUST DUCT UP		FLOOR DRAIN
	FLEXIBLE DUCT		SINGLE PHASE
	SUPPLY AIR DIFFUSER		AIR COOLED CONDENSING UNIT
	RETURN AIR GRILLE (REGISTER)		ABOVE FINISHED FLOOR
	EXHAUST AIR GRILLE (REGISTER)		AIR HANDLING UNIT
	ON/OFF SWITCH		AIR PRESSURE DROP
	DIRECTION OF AIR FLOW (POSITIVE)		BACK DRAFT DAMPER
	DIRECTION OF AIR FLOW (NEGATIVE)		BRITISH THERMAL UNITS/HOUR
	CONNECT TO EXISTING SYMBOL		CAPACITY
	THERMOSTAT		CUBIC FEET PER MINUTE
	CUBIC FEET PER MINUTE		CONNECTION
	DIAMETER		DIAMETER
	DRAWING NOTE- NEW WORK		DOMESTIC WATER HEATER
	DRAWING NOTE- DEMOLITION		FAN COIL UNIT
	EXISTING		GALLONS PER MINUTE
	SPRINKLER HEAD		HORSEPOWER
	DUCTWORK SIZE - PLAN VIEW 12" WIDE BY 10" HIGH		INCH
	DUCT SIZE (ø*ø)		KILOWATT
	DIFFUSER/GRILLE TAG		LEAVING AIR TEMPERATURE
			1000 BRITISH THERMAL UNITS/HOUR
			OUTSIDE AIR
			POUNDS PER SQUARE INCH GAUGE
			REVOLUTIONS PER MINUTE
			TYPICAL
			VENT THRU ROOF
			WATER PRESSURE DROP

CODES & STANDARDS

APPLICABLE CODES AND STANDARDS:	2021 INTERNATIONAL BUILDING CODE (MPC)
	2021 INTERNATIONAL ENERGY CONSERVATION CODE (MPC)
	2021 INTERNATIONAL ELECTRICAL CODE (MPC)
	2021 INTERNATIONAL EXISTING BUILDING CODE (MPC)
	2021 INTERNATIONAL PLUMBING CODE
	2021 INTERNATIONAL MECHANICAL CODE (MPC)
	2018 NFPA 1 AND NFPA 101
	2019 MARYLAND ACCESSIBILITY CODE
	DGS MANUAL

PROJECT DESCRIPTION

THIS PROJECT IS THE RENOVATION OF AN EXISTING STAND-ALONE REST ROOM FACILITY WITH NEW PLUMBING FIXTURES WITH ELECTRONIC CONTROLS.

MRA
CITY STUDIO

ARCHITECT
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M.E.P. ENGINEER
Telegent Engineering, Inc.
2216 Commerce Road, Suite 1
Forest Hill, Maryland 21050
410-692-5816

USING AGENCY APPROVAL

NAME _____ DATE _____

TITLE _____

PROJECT MANAGER _____ DATE _____

CHIEF OF PM&D _____ DATE _____

STAMP



CLIENT
Department of General Services
301 West Preston Street
Baltimore, MD 21201

PROJECT NAME
Renovations to Farthings Bathrooms - Historic St. Mary's Commission
DGS Project #
SM-850-230-002 REBID
47414 Old State House Road
St. Mary's City, MD 20686

TEI PROJECT NUMBER 23101

DRAWN BY MWH

ISSUED DATE 08/01/2025

NO. REVISION DATE

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, TELEGENT ENGINEERING, INC., AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21050, EXPIRATION DATE: MAY 6, 2021.

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SHEET TITLE

Notes, Symbols & Abbreviations

SHEET NUMBER

M-0

PAGE 07 OF 15

PHASE

For Bid



NO.	REVISION	DATE
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME (PRINT NAME), AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20595, EXPIRATION DATE: MAY 6, 2021.

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SHEET TITLE

**Demo/HVAC
Plans**

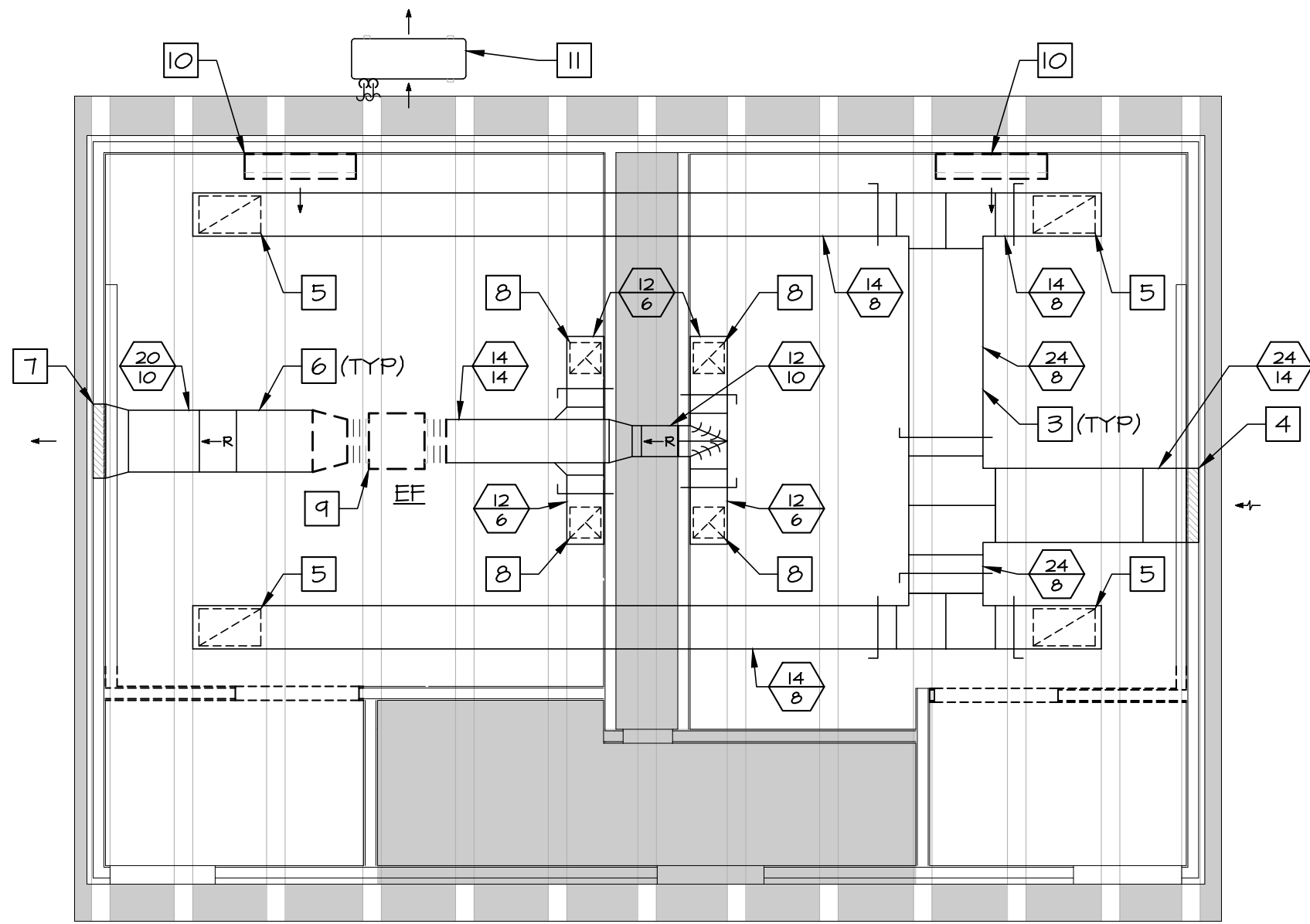
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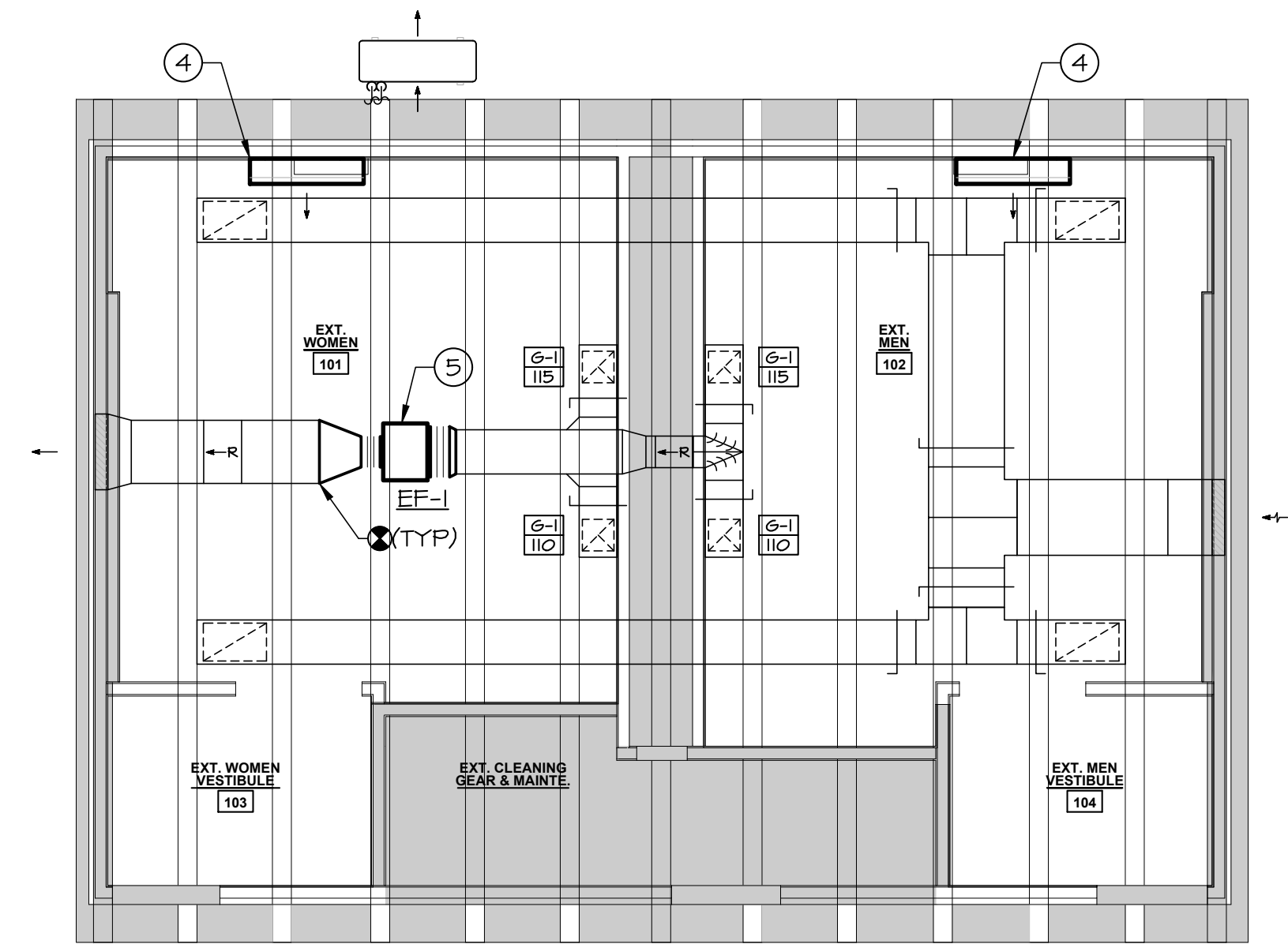
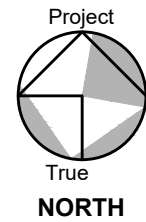
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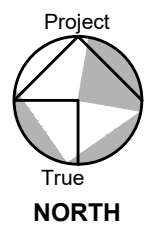
For Bid



1 2 DEMOLITION HVAC PLAN
SCALE: 1/4" = 1'-0"



1 2 3 6 HVAC PLAN
SCALE: 1/4" = 1'-0"



DEMOLITION HVAC NOTES

- FOR ALL EQUIPMENT TO BE REUSED, CONTRACTOR SHALL CLEAN, INSPECT, SERVICE, AND REPAIR AS NECESSARY TO MAKE READY FOR REUSE.
- ALL EXISTING HVAC EQUIPMENT, DUCTWORK, AND ASSOCIATED DEVICES SHALL REMAIN UNLESS OTHERWISE NOTED.
- OUTSIDE AIR DUCTWORK ABOVE CEILING TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- OUTSIDE AIR LOUVER TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- OUTSIDE AIR GRILL TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- EXHAUST AIR DUCTWORK ABOVE CEILING TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- EXHAUST AIR LOUVER TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- EXHAUST AIR GRILL TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- REMOVE IN-LINE EXHAUST FAN ABOVE CEILING AND ALL ASSOCIATED CONTROLS AND ACCESSORIES.
- REMOVE/REINSTALL WALL-MOUNTED DUCTLESS SPLIT SYSTEMS BY MITSUBISHI FOR REUSE.
- HEAT PUMP UNIT SERVING WALL-MOUNTED DUCTLESS SPLIT SYSTEM BY MITSUBISHI TO REMAIN.

HVAC NOTES

- FOR ALL EQUIPMENT TO BE REUSED, CONTRACTOR SHALL CLEAN, INSPECT, SERVICE, AND REPAIR AS NECESSARY TO MAKE READY FOR REUSE.
- SEE ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
- ALL EXISTING HVAC EQUIPMENT, DUCTWORK, AND ASSOCIATED DEVICES SHALL REMAIN UNLESS OTHERWISE NOTED.
- RE-INSTALL WALL MOUNTED DUCTLESS SPLIT SYSTEMS BY MITSUBISHI TIGHT TO THE BOTTOM OF EXISTING EXPOSED WOOD JOISTS.
- PROVIDE IN-LINE EXHAUST FAN, CONNECT TO EXISTING EXHAUST AIR DUCTWORK AS SHOWN, REFER TO DETAIL, SHEET M-4, AND SCHEDULE, SHEET M-4, FOR ADDITIONAL INFORMATION.
- BALANCE EXHAUST AIR GRILLES TO CFM AS SHOWN.



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



NO.	REVISION	DATE
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME (THIRTY DAY)
AND THAT I AM A DAILY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 21593, EXPIRATION DATE
MAY 6, 2021.

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SHEET TITLE

**Demo/Plumbing
Plans**

SHEET NUMBER

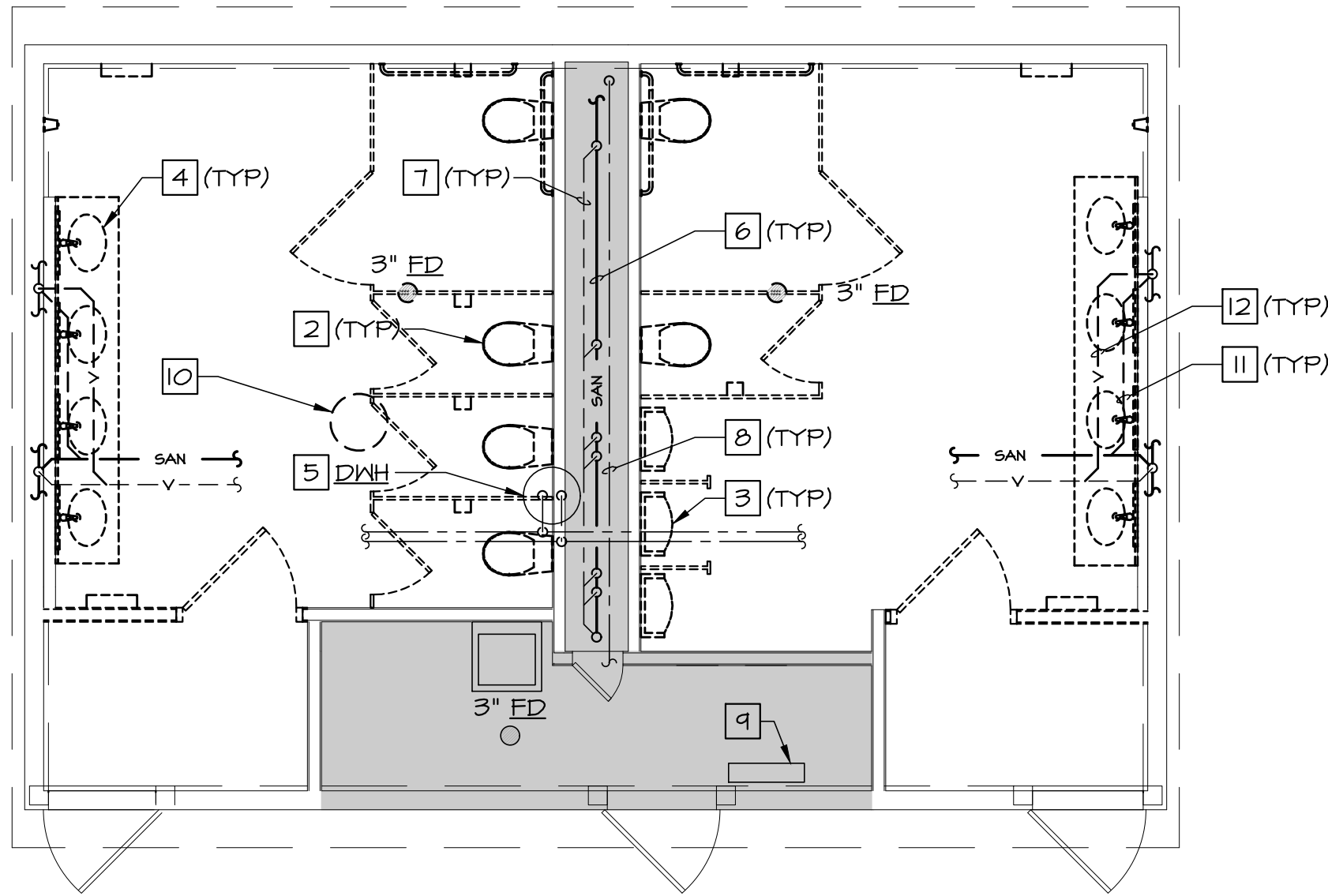
M-2
PAGE 09 OF 15
PHASE
For Bid

DEMOLITION PLUMBING NOTES

- FOR ALL EQUIPMENT TO BE REUSED (EXCLUDING PLUMBING FIXTURES), CONTRACTOR SHALL CLEAN, INSPECT, SERVICE, AND REPAIR AS NECESSARY TO MAKE READY FOR REUSE.
- REMOVE WALL MOUNTED (FLUSH VALVE TYPE) WATER CLOSET AND ASSOCIATED FLUSH VALVE BACK TO WALL. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WATER CLOSET CARRIER HEIGHT AND RAISE CARRIER TO APPROPRIATE HEIGHT AS DIRECTED ON ARCHITECTURAL DRAWINGS. CLEAN FELT OR NEOPRENE GASKET FROM WATER CLOSET FLANGE. IF FLANGE IS DAMAGED REPLACE IN KIND FOR CONNECTION OF NEW FIXTURE.
- REMOVE WALL HUNG URINAL AND ASSOCIATED FLUSH VALVE BACK TO WALL. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE CARRIER HEIGHT. ADJUST CARRIER TO APPROPRIATE HEIGHT AS DIRECTED ON ARCHITECTURAL DRAWINGS. CLEAN FELT OR NEOPRENE GASKET FROM FLANGE. IF FLANGE IS DAMAGED, REPLACE IN KIND FOR CONNECTION OF NEW FIXTURE.
- REMOVE COUNTERTOP LAVATORY AND ASSOCIATED DOMESTIC WATER PIPING AND ANGLE STOP VALVES BACK TO WALL.
- EXISTING 28 GALLON ELECTRIC DOMESTIC WATER HEATER TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- EXISTING SANITARY PIPING TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- EXISTING VENT PIPING TO REMAIN. SHOWN FOR INFORMATION AND COORDINATION ONLY.
- EXISTING DOMESTIC WATER PIPING TO REMAIN. SHOWN FOR COORDINATION ONLY.
- TRAP PRIMING STATION TO REMAIN.
- REMOVE ABANDONED HOT WATER HEATER AND ALL ASSOCIATED ACCESSORIES.
- REMOVE SANITARY PIPING TO EXTENT SHOWN. PATCH FLOOR SLAB TO MATCH ADJACENT SURFACES.
- REMOVE VENT PIPING TO EXTENT SHOWN.
- CONTRACTOR SHALL FIELD VERIFY SANITARY PIPING AS NECESSARY THROUGHOUT THE SCOPE OF WORK, WHERE REMOVAL OF PLUMBING FIXTURES ARE SHOWN, TAKING ALL MEASURES NECESSARY TO AVOID A "DEAD" SANITARY LEG.

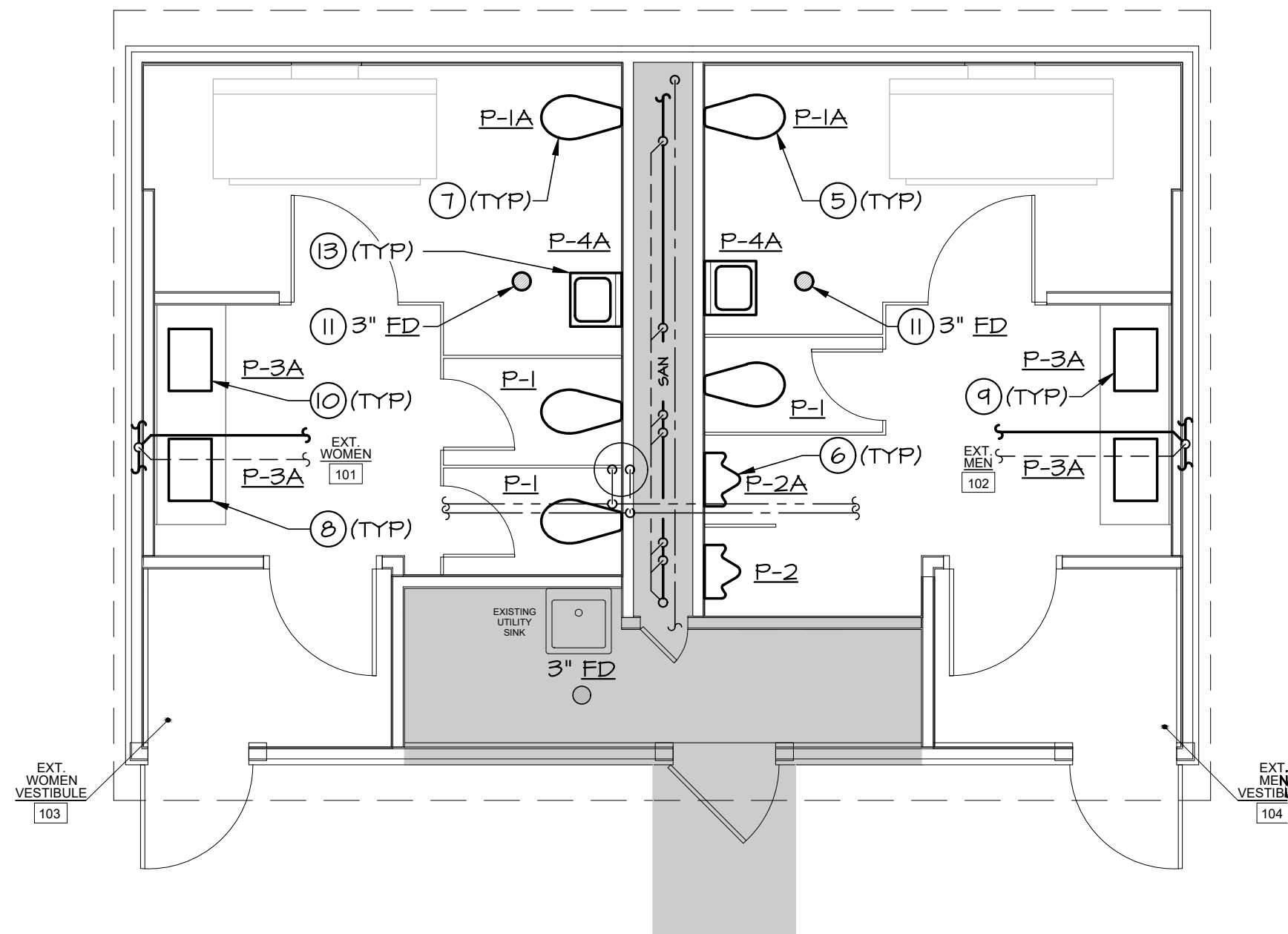
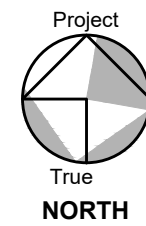
PLUMBING NOTES

- FOR ALL EQUIPMENT TO BE REUSED, CONTRACTOR SHALL CLEAN, INSPECT, SERVICE, AND REPAIR AS NECESSARY TO MAKE READY FOR REUSE.
- SEE ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
- PRIOR TO INSTALLING ANY FIXTURES, CONTRACTOR SHALL COORDINATE EXACT LOCATIONS (PLAN AND ELEVATION) OF ALL REQUIRED ROUGH-INS, INCLUDING HW, CW, SAN, AND VENT PIPING AS NEEDED FOR PROPER INSTALLATION OF NEW FIXTURE.
- UNLESS OTHERWISE NOTED SANITARY PIPING SHALL BE SLOPED AT 1/4" L.F.
- PROVIDE WALL-MOUNTED (FLUSH VALVE TYPE) WATER CLOSET. REFER TO PLUMBING FIXTURE SCHEDULE, SHEET M-4, FOR ADDITIONAL INFORMATION AND CONNECTION SIZES.
- PROVIDE WALL-MOUNTED (FLUSH VALVE TYPE) URINAL. REFER TO PLUMBING FIXTURE SCHEDULE, SHEET M-4, FOR ADDITIONAL INFORMATION AND CONNECTION SIZES.
- PROVIDE ELECTRIC FLUSH VALVES AT ALL WATER CLOSETS AND INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REFER TO SCHEDULE, SHEET M-4, FOR ADDITIONAL INFORMATION.
- PROVIDE UNDER COUNTER LAVATORY. REFER TO PLUMBING FIXTURE SCHEDULE, SHEET M-4, FOR ADDITIONAL INFORMATION AND CONNECTION SIZES.
- PROVIDE TOUCHLESS FAUCETS SERVING UNDER COUNTER LAVATORIES. REFER TO SCHEDULE, SHEET M-4, FOR ADDITIONAL INFORMATION.
- PROVIDE TEMPERING VALVE AT EACH NEW LAVATORY AND ADJUST TO 109°F MAX. TEMPERATURE (PER ASSE 1070). REFER TO DETAIL, SHEET M-4, FOR ADDITIONAL INFORMATION.
- PROVIDE FLOOR DRAIN. PROVIDE SURE SEAL MODEL 553009V, INSTALL PER MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY LOCATION.
- CONTRACTOR SHALL COORDINATE, SIZES, LOCATIONS, QUANTITIES, AND ELECTRICAL CHARACTERISTICS (AMP/VOLT/PHASE) OF ALL LOW VOLTAGE TRANSFORMERS FOR FLUSH VALVES WITH ELECTRICAL CONTRACTOR. TRANSFORMERS ARE TO BE PROVIDED BY MECHANICAL AND INSTALLED BY ELECTRICAL.
- PROVIDE WALL-MOUNTED LAVATORY. REFER TO PLUMBING FIXTURE SCHEDULE, SHEET M-4, FOR ADDITIONAL INFORMATION AND CONNECTION SIZES.



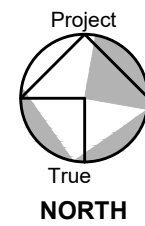
1 13 DEMOLITION PLUMBING PLAN

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

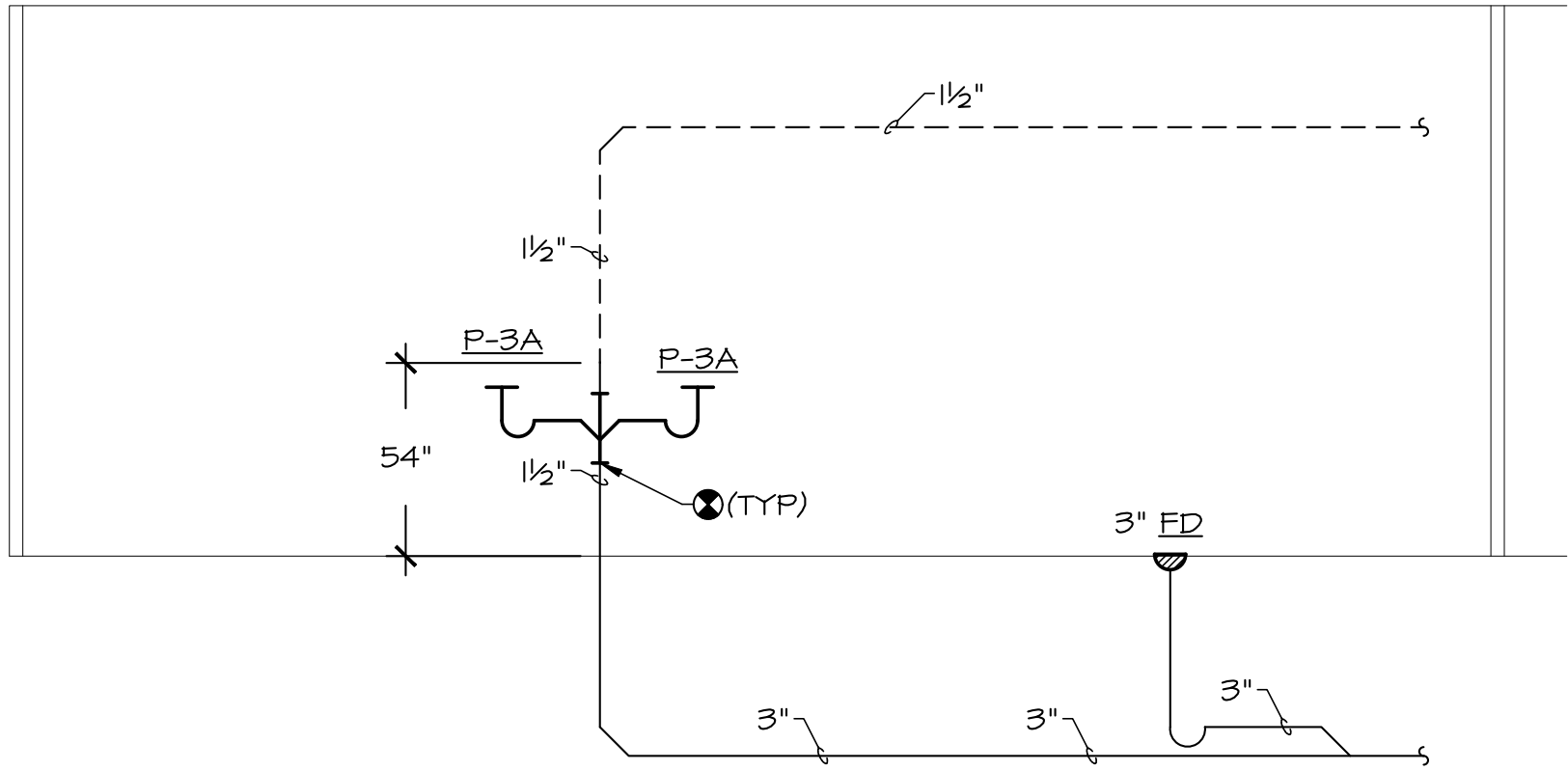


1 2 3 4 2 PLUMBING PLAN

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



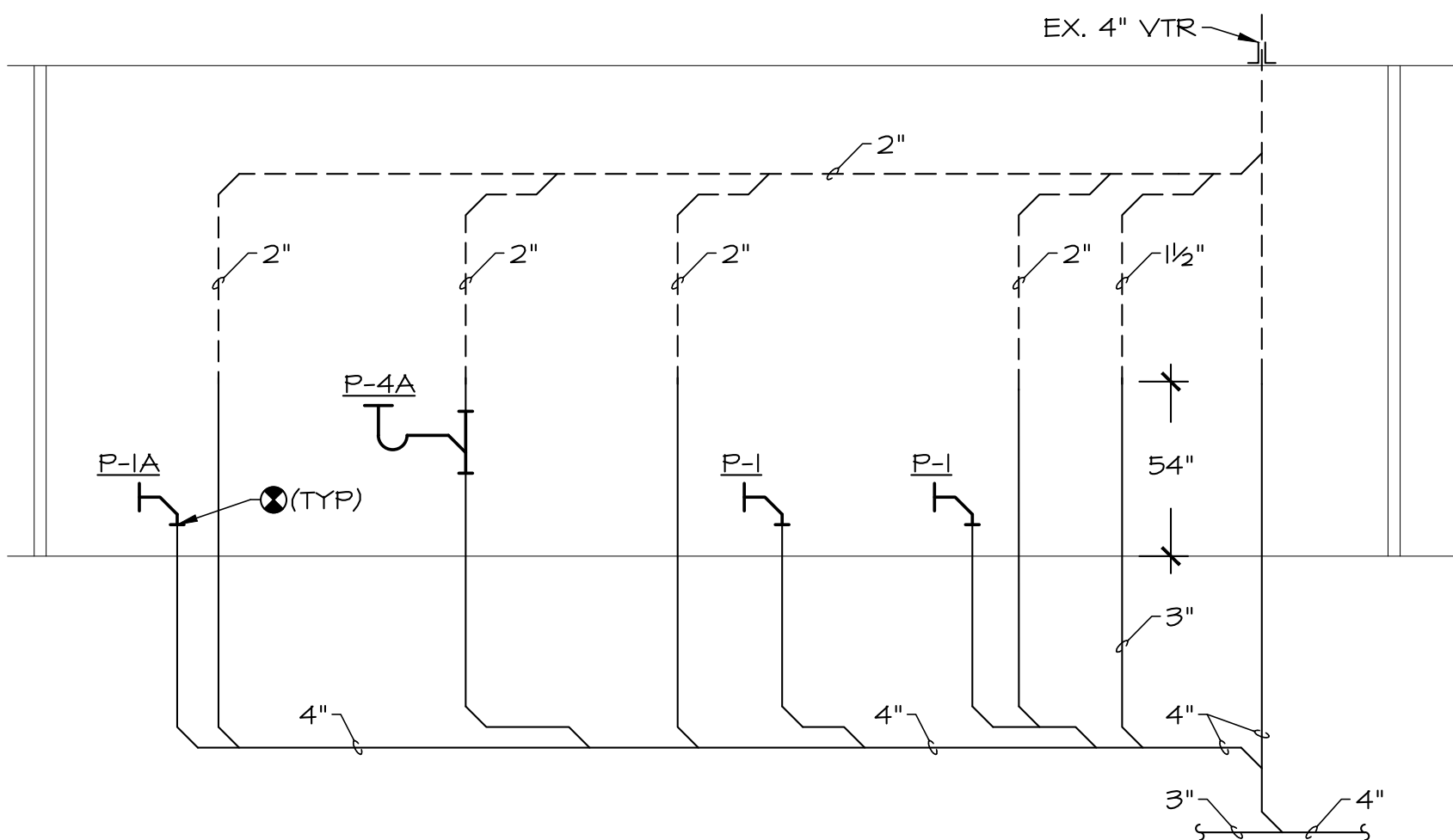
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SANITARY/VENT RISER WOMAN'S ROOM A
NO SCALE

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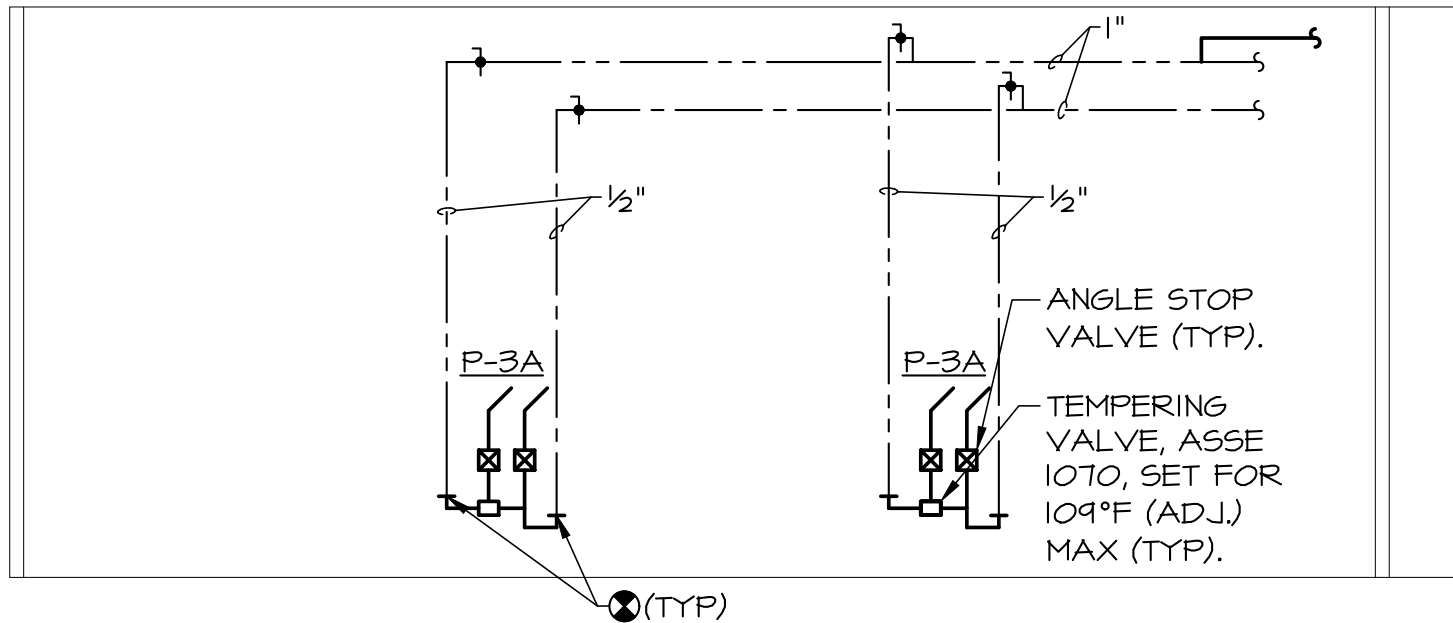
1. UNLESS OTHERWISE NOTED SANITARY PIPING SHALL BE SLOPED AT 1/4" / L.F.



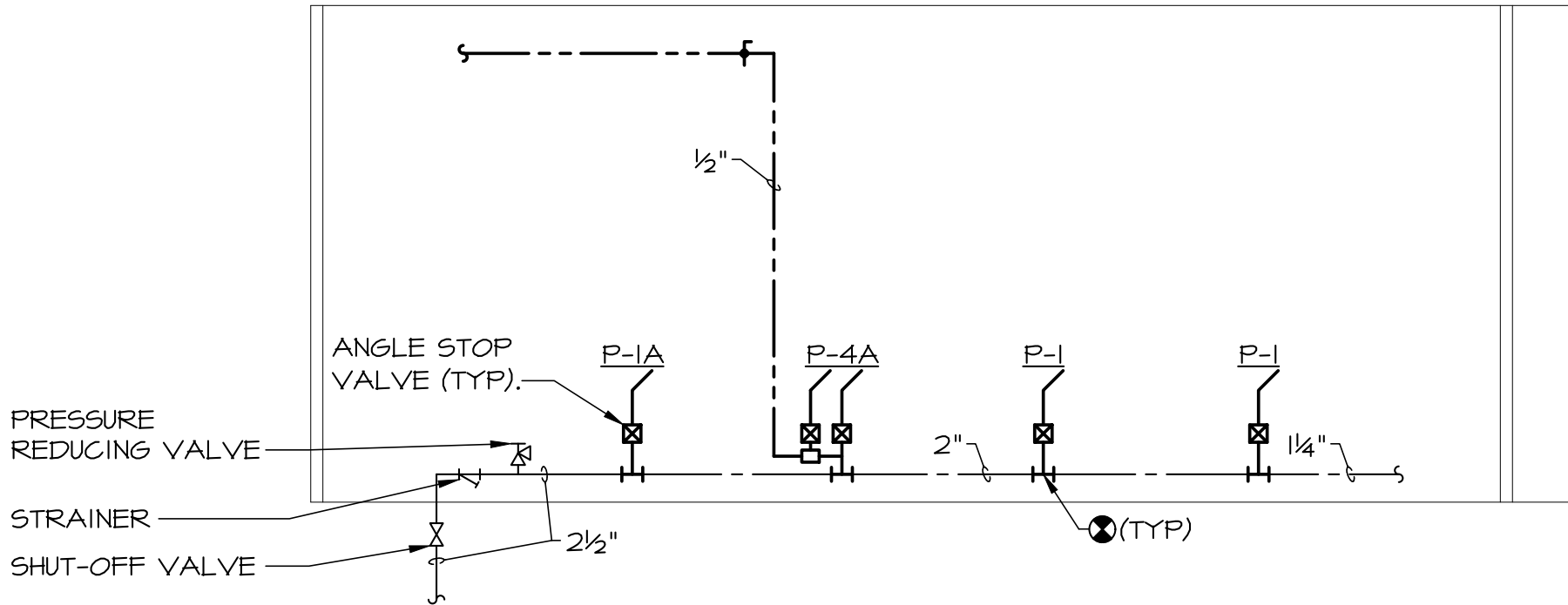
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NOTE:

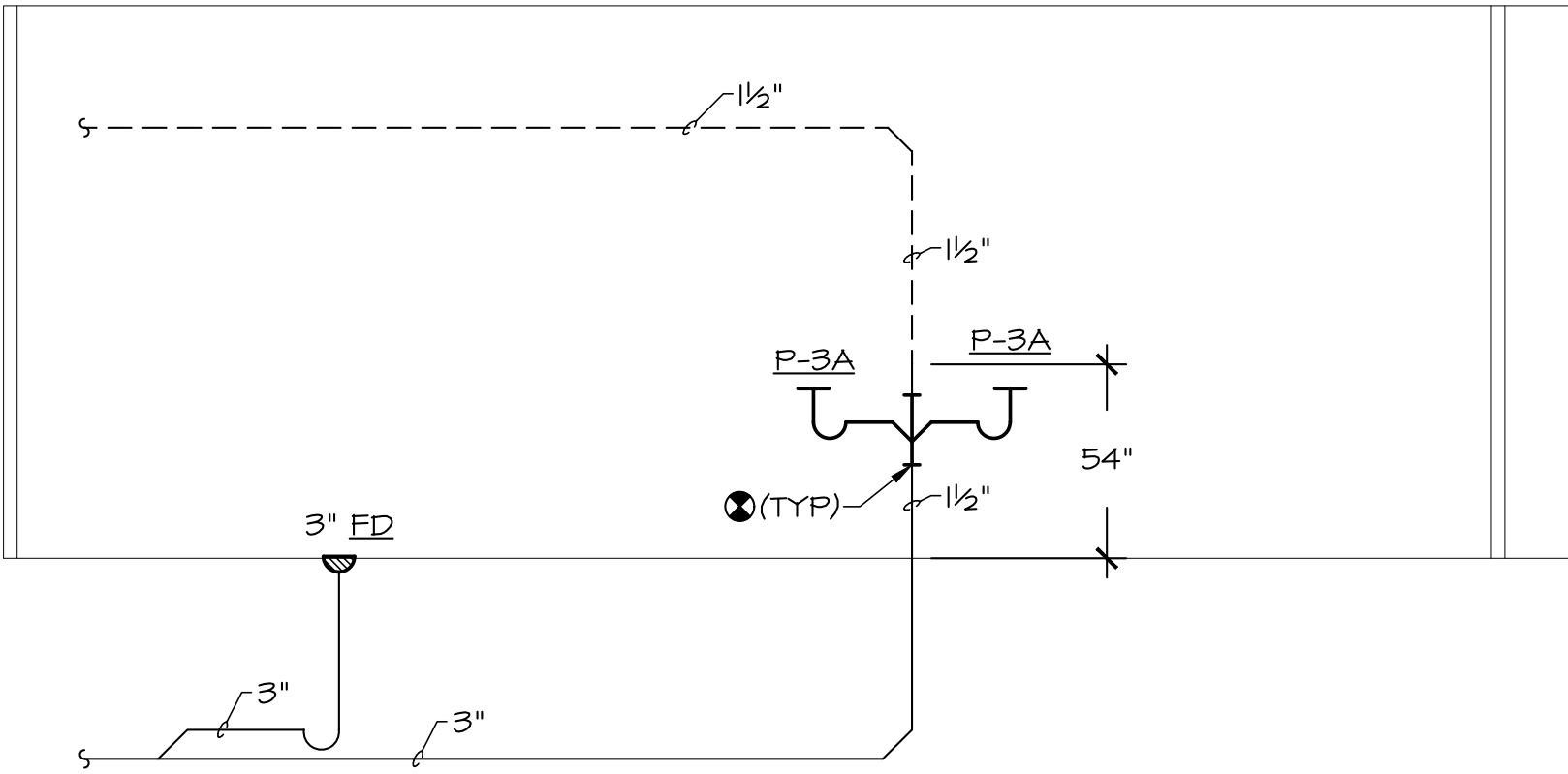
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DOMESTIC WATER RISER WOMEN'S ROOM A
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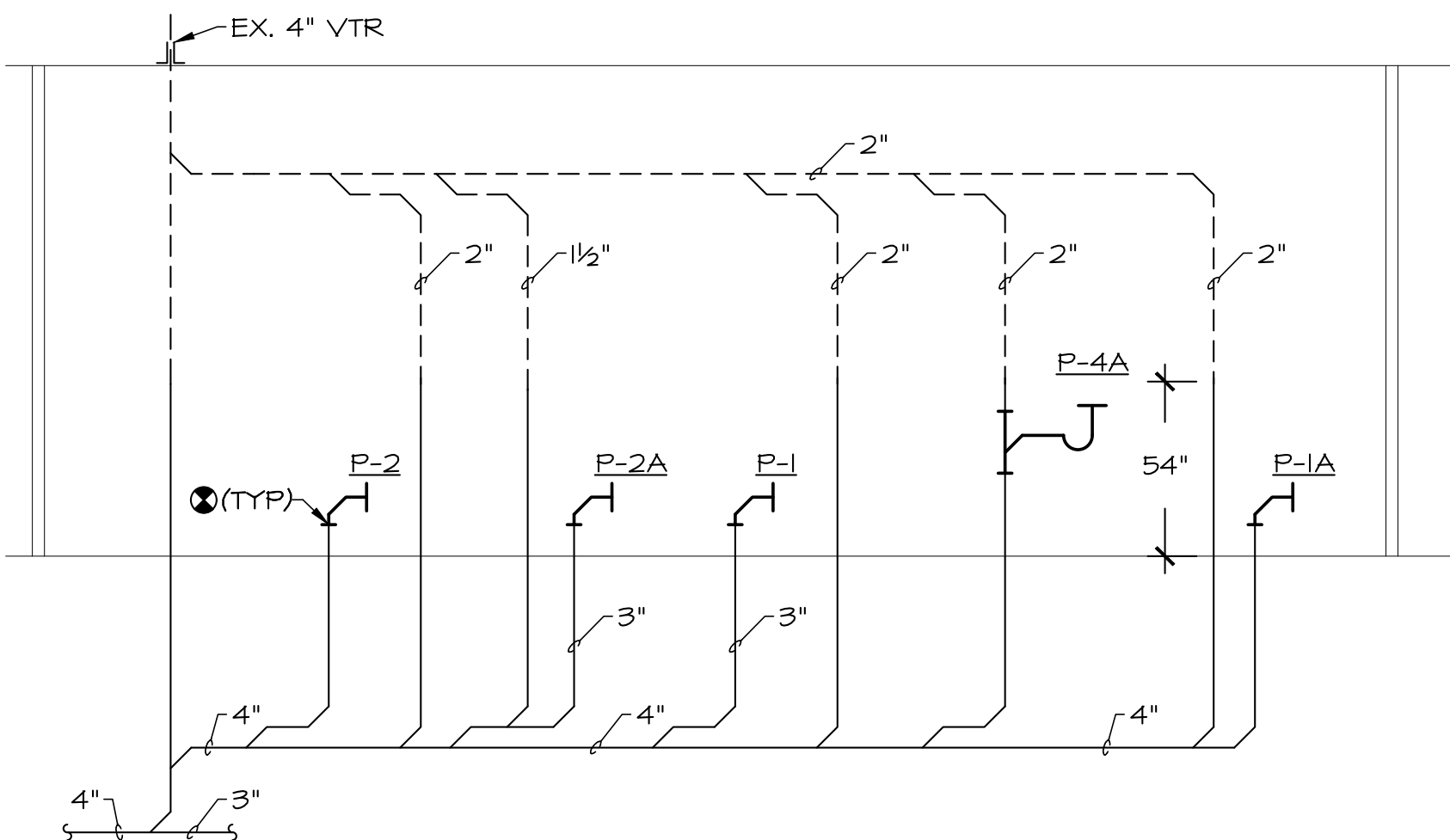
DOMESTIC WATER RISER WOMEN'S ROOM B
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SANITARY/VENT RISER MEN'S ROOM A
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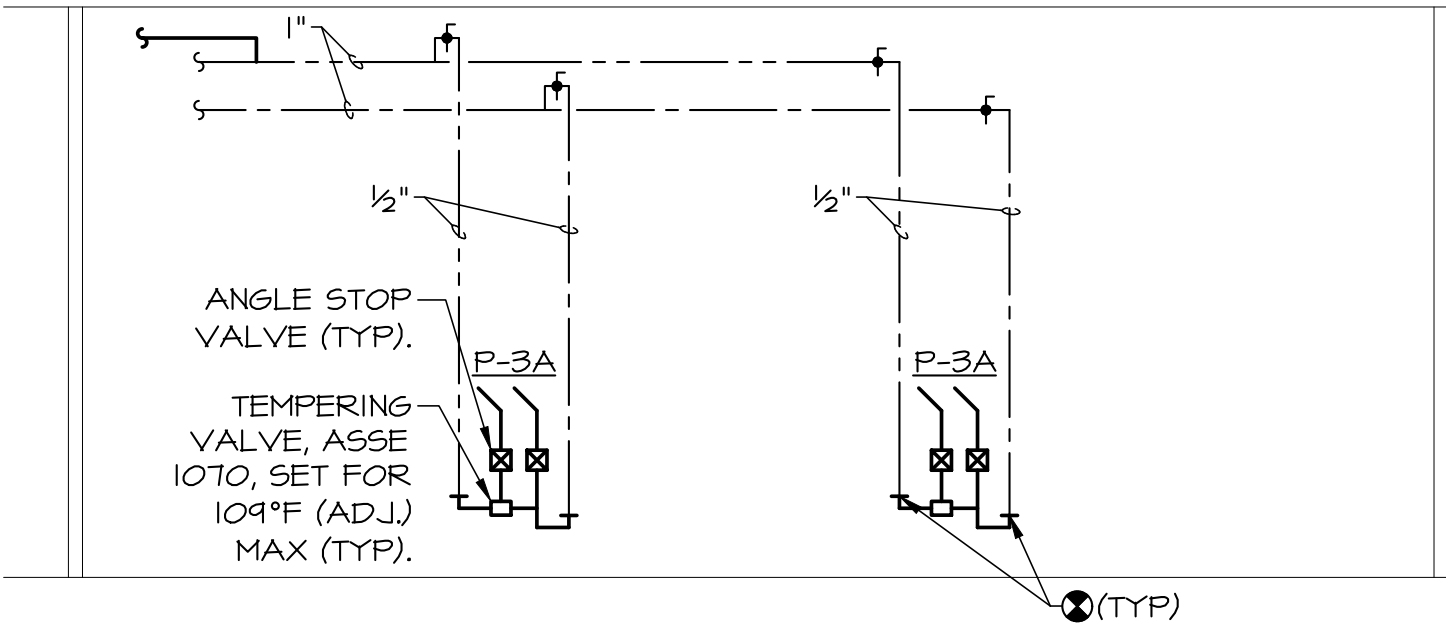
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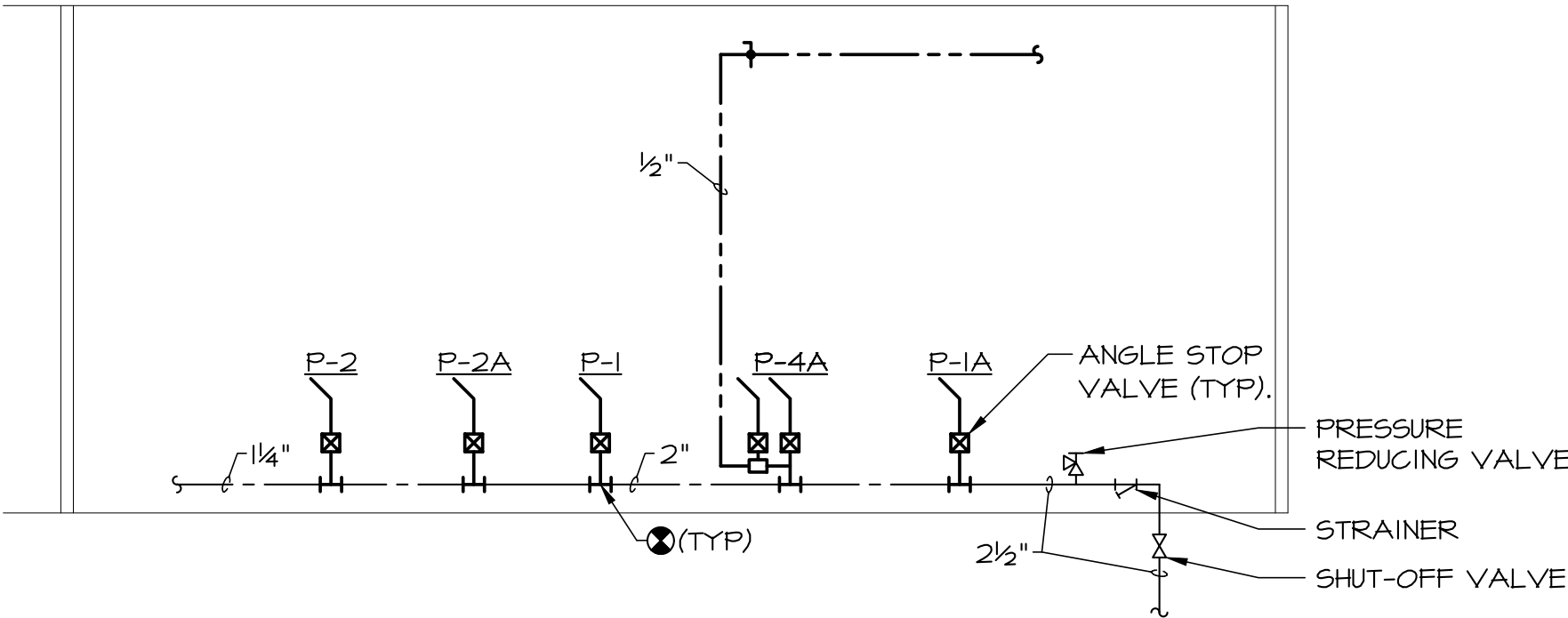
SANITARY/VENT RISER MEN'S ROOM B
NO SCALE

NOTE:

1. UNLESS OTHERWISE NOTED SANITARY PIPING SHALL BE SLOPED AT 1/4" / L.F. FIXTURES ARE REPLACED IN KIND.



DOMESTIC WATER RISER MEN'S ROOM A
NO SCALE



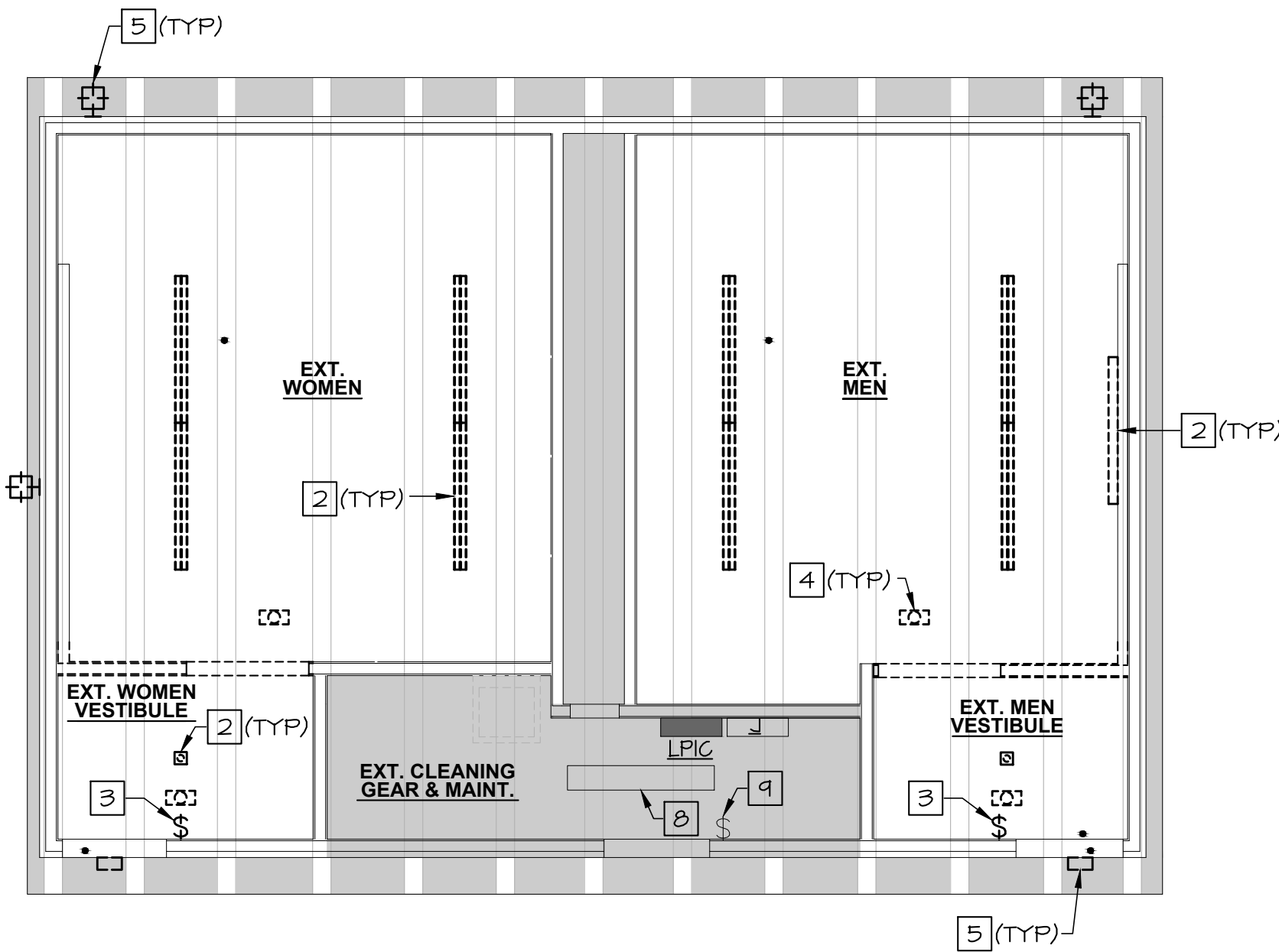
DOMESTIC WATER RISER MEN'S ROOM B
NO SCALE



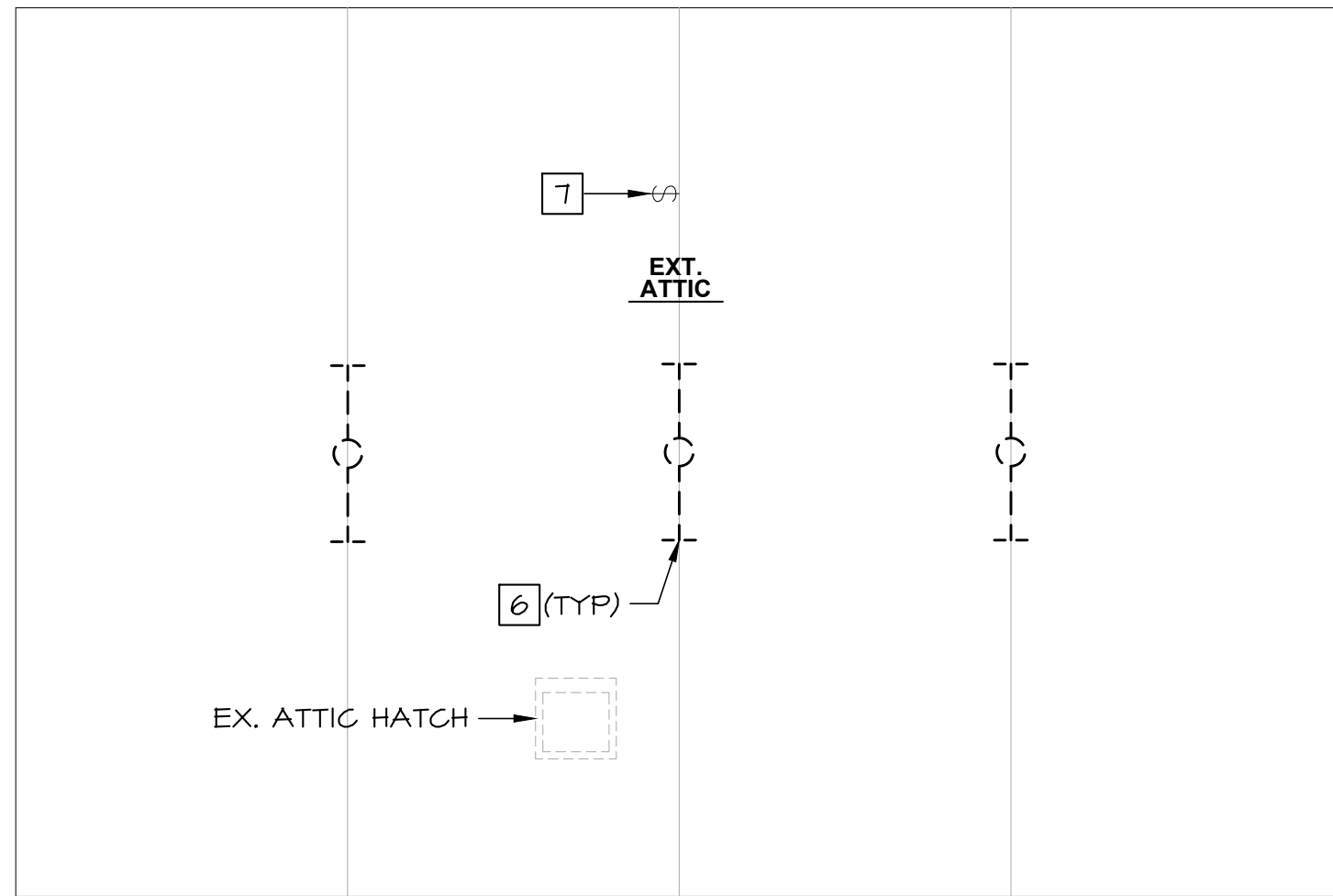
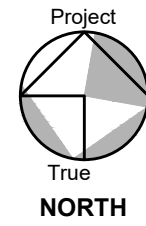
NO.	REVISION	DATE

1. INSTALL FIRESTOPPING PER APPROVED UL ASSEMBLY SYSTEM.
2. FOR EXISTING POURED CONCRETE WALLS, CORE DRILL OR STAR DRILL OPENING THRU EXISTING WALL FOR PIPE SLEEVES AS DIRECTED.
3. GALVANIZED SLEEVE SHALL BE CAST INTO NEW CONCRETE WALL POURS

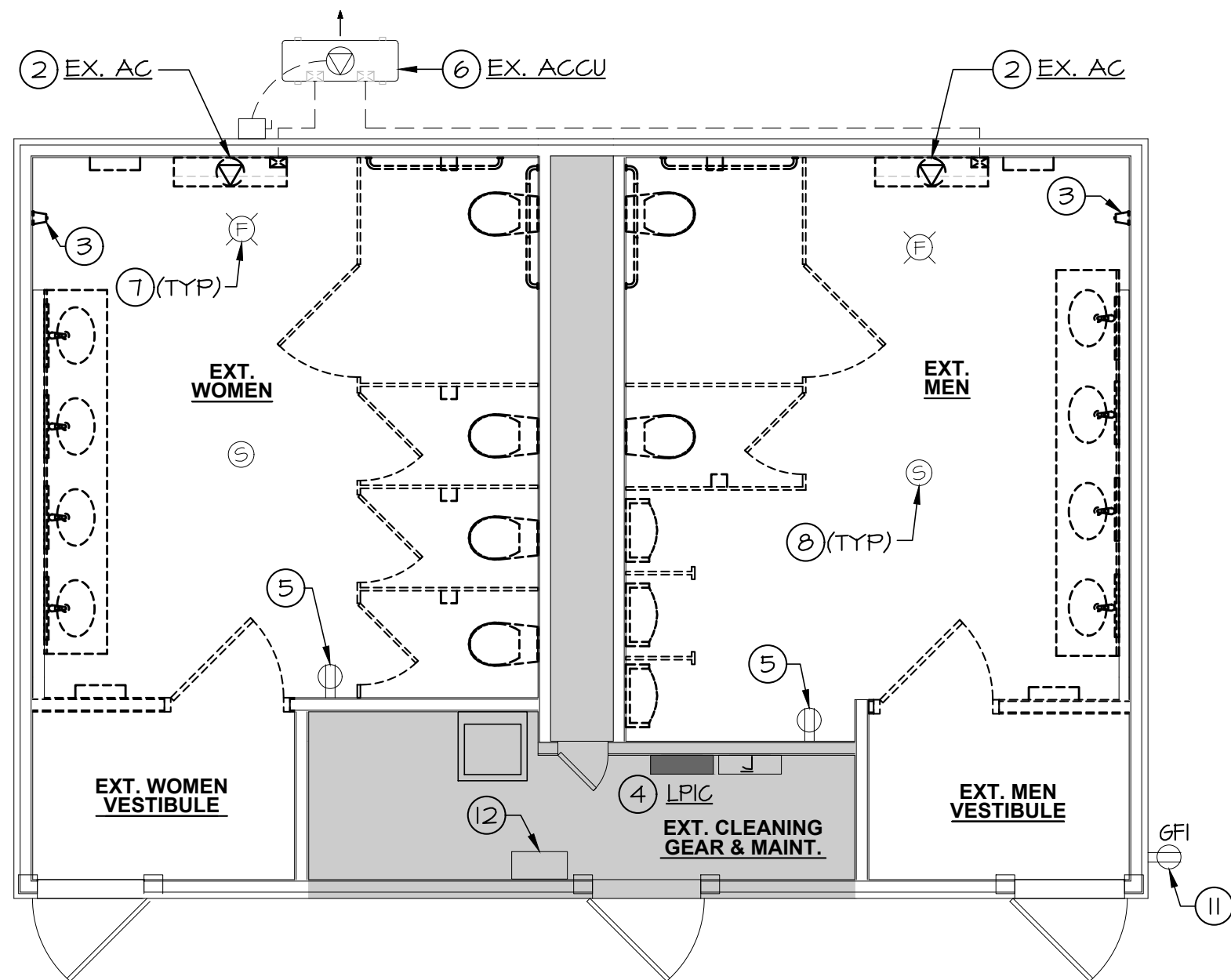
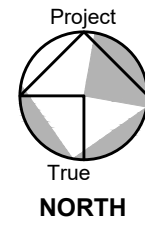




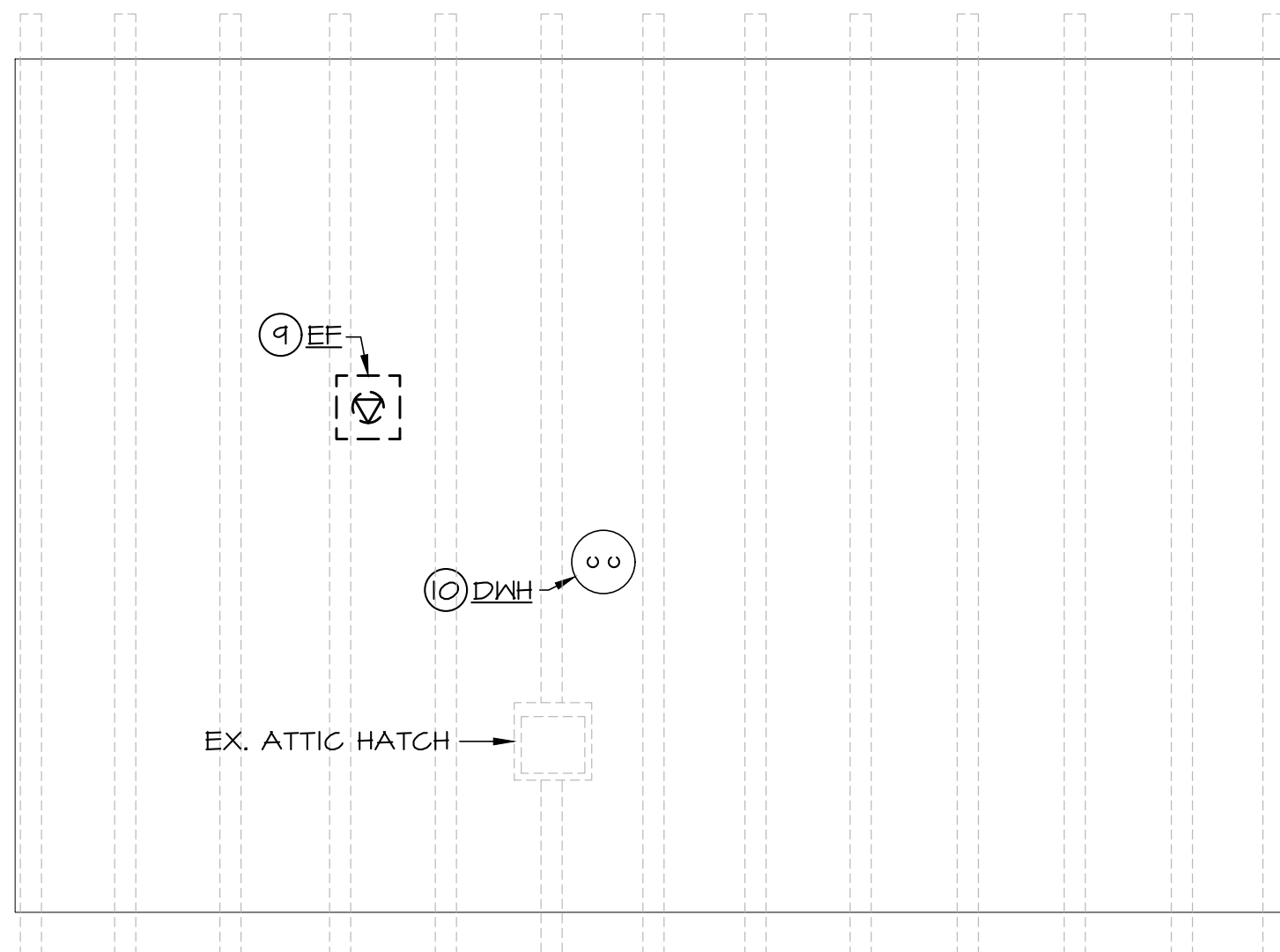
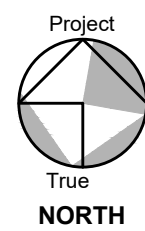
1 DEMOLITION RCP PLAN
SCALE: 1/4" = 1'-0"



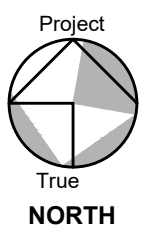
1 DEMOLITION ATTIC RCP PLAN
SCALE: 1/4" = 1'-0"



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



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



DEMOLITION LIGHTING NOTES

- ALL LIGHTING FIXTURES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL LIGHTING FIXTURES AND SWITCHES TO BE REMOVED ARE SHOWN HEAVY, DASHED.
- REMOVE EXISTING LIGHTING FIXTURE AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- REMOVE EXISTING LIGHT SWITCH AND ALL ASSOCIATED WIRING BACK TO SOURCE. CONTRACTOR SHALL REWORK LIGHTING CIRCUIT IF NEEDED IN NEW WORK PHASE.
- REMOVE EXISTING BATTERY OPERATED LIGHTING FIXTURE AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING ATTIC STRIP FIXTURE TO BE REMOVED AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING LIGHT SWITCH SERVING EXISTING ATTIC LIGHT FIXTURES TO REMAIN AND BE REUSED IN NEW WORK PHASE.
- EXISTING LIGHT FIXTURE TO REMAIN.
- EXISTING LIGHT SWITCH TO REMAIN.

DEMOLITION POWER NOTES

- ALL DEVICES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL DEVICES TO BE REMOVED ARE SHOWN HEAVY, DASHED.
- EXISTING MECHANICAL EQUIPMENT TO BE REMOVED DURING DEMOLITION PHASE AND REINSTALLED IN SAME LOCATION DURING NEW WORK PHASE. COORDINATE WITH MECHANICAL.
- EXISTING FASTAIRE AIR TONEL HAND DRYER TO BE REMOVED AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING PANEL BOARD (LPIC) TO REMAIN.
- EXISTING RECEPTACLE TO REMAIN.
- EXISTING MECHANICAL EQUIPMENT (ACCU-I) TO REMAIN.
- EXISTING CEILING MOUNTED VISUAL FIRE ALARM DEVICE TO REMAIN.
- EXISTING SMOKE DETECTOR TO REMAIN.
- EXISTING EXHAUST FAN BE REMOVED AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING WATER HEATER (DWH) TO REMAIN.
- EXISTING EXTERIOR RECEPTACLE TO REMAIN.
- EXISTING REMOTE EMERGENCY BATTERY PACK UNIT TO REMAIN AND ABANDONED IN PLACE.
- NOTE:** COORDINATE ELECTRIC WORK WITH ARCHITECT, MECHANICAL AND PLUMBING TRADES AS REQUIRED. PROVIDE PROTECTION TO EXISTING FACP COMPONENTS FROM DUST DURING CONSTRUCTION AS REQUIRED.



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



NO.	REVISION	DATE

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, TRISTYF SMITH,
AND THAT I AM A DAILY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 23101, EXPIRATION DATE
MAY 6, 2027.

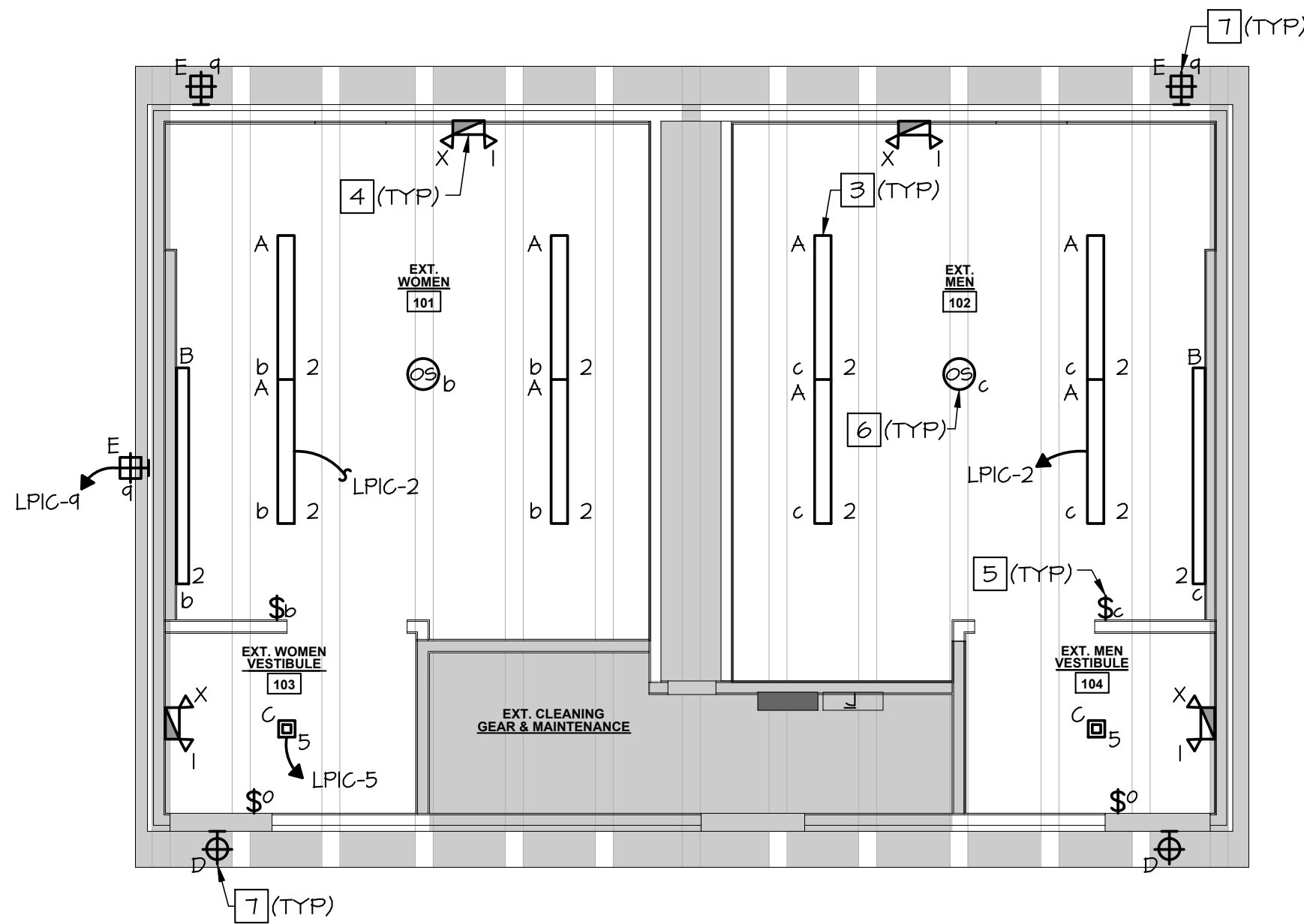
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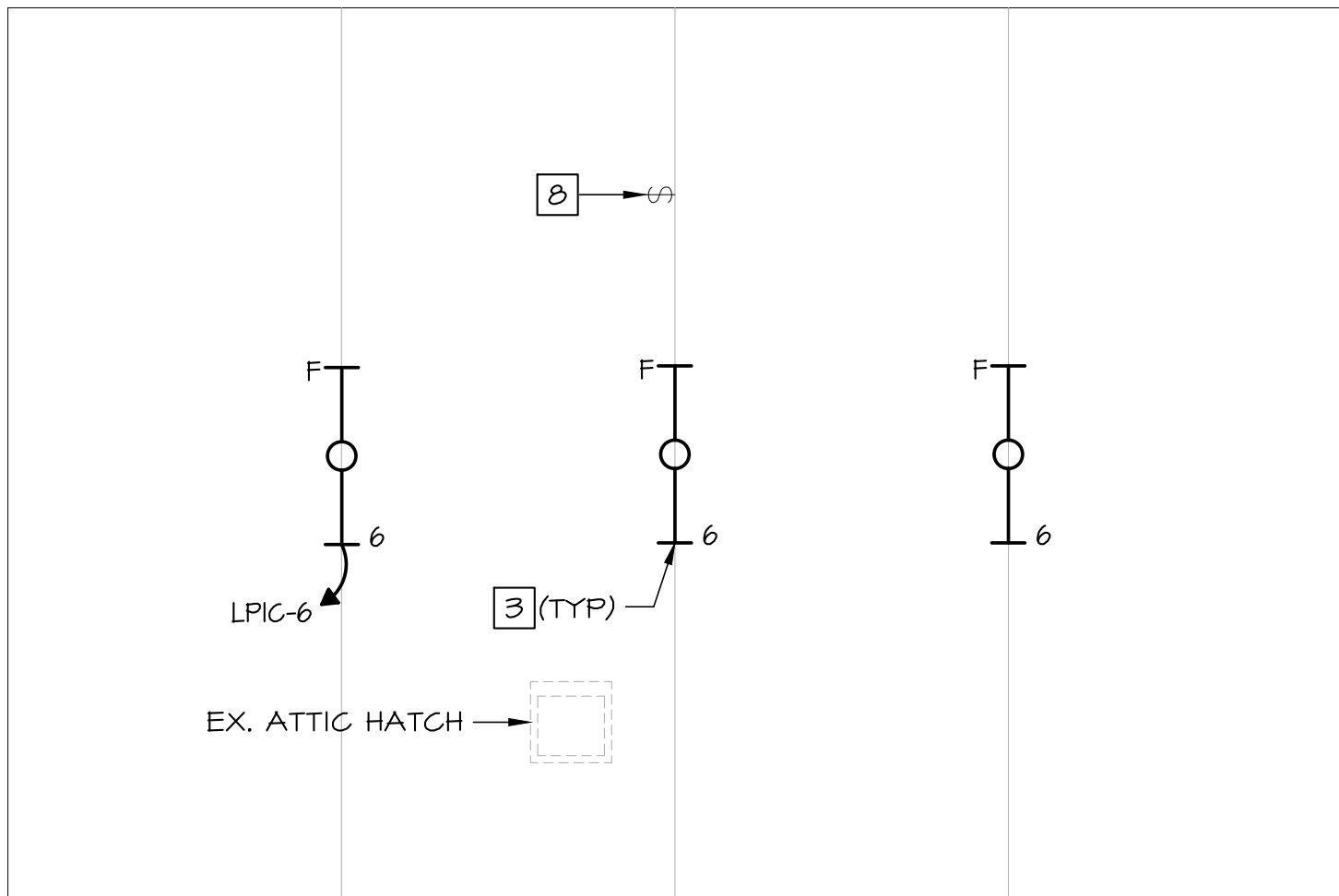
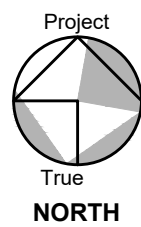
RCP & Power
Plans

SHEET NUMBER

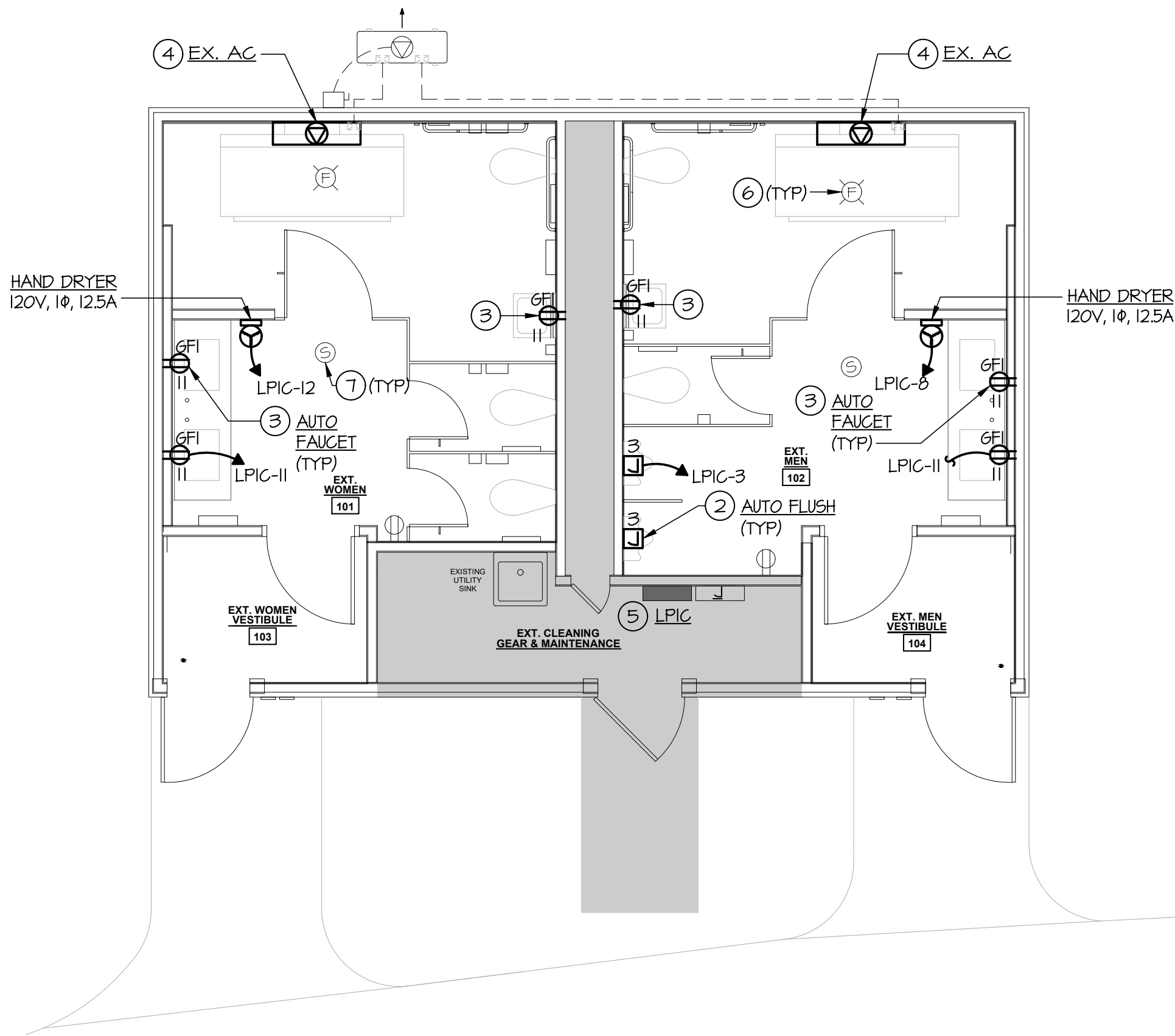
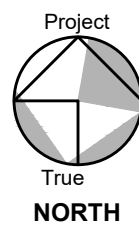
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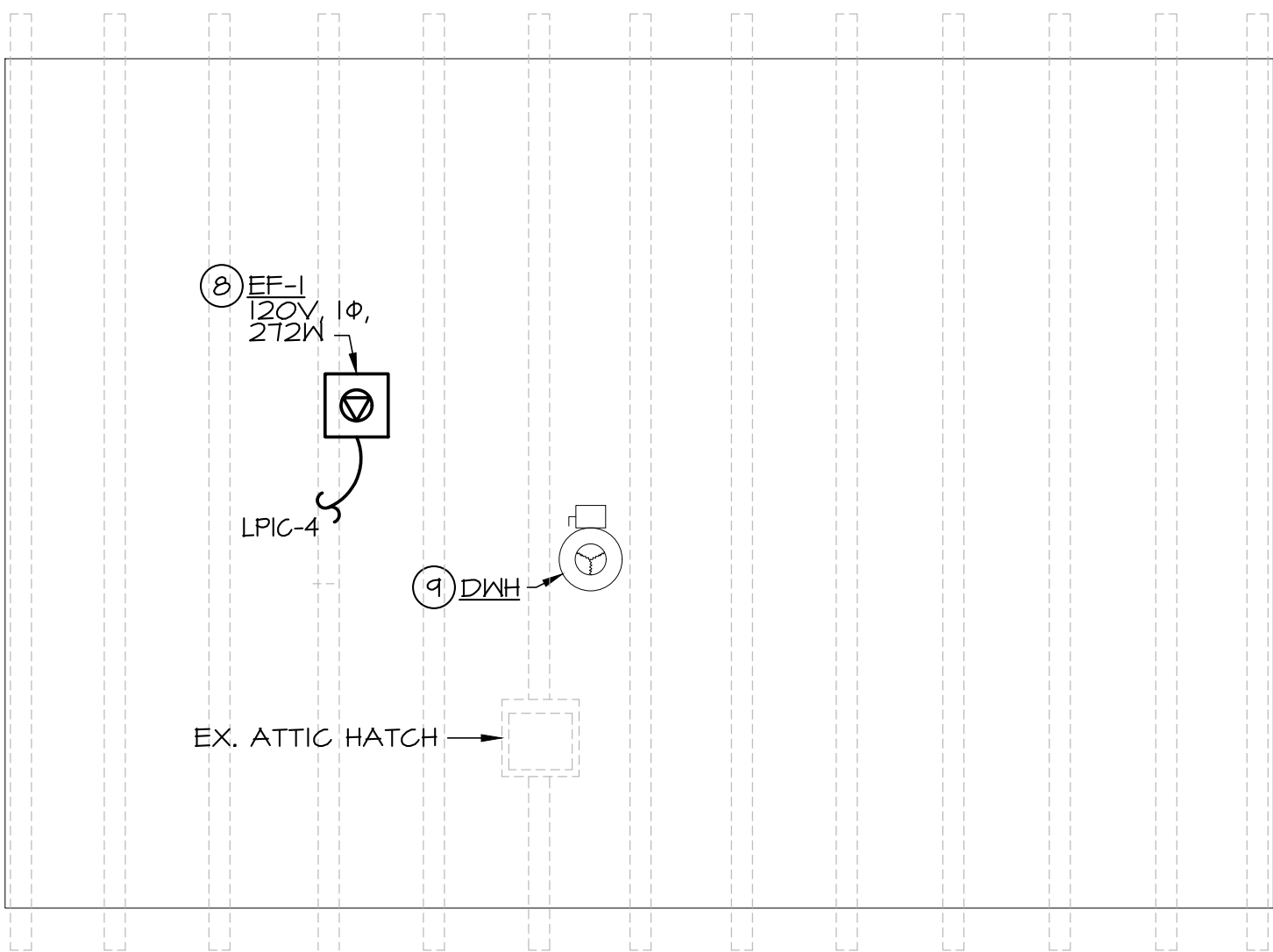
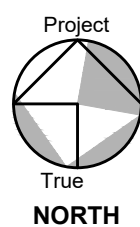
1 2 3 4 **LIGHTING PLAN**
SCALE: 1/4" = 1'-0"



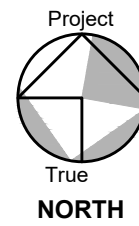
ATTIC LIGHTING PLAN
SCALE: 1/4" = 1'-0"



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



1 **ATTIC POWER PLAN**
SCALE: 1/4" = 1'-0"



LIGHTING NOTES

- ALL LIGHTING FIXTURES THAT ARE TO REMAIN ARE SHOWN LIGHT, SOLID. ALL NEW LIGHTING FIXTURES ARE SHOWN HEAVY, SOLID.
- CONTRACTOR SHALL COORDINATE PROPOSED LIGHTING FIXTURES WITH ALL OTHER TRADES (HVAC, PLUMBING, SPRINKLER, ETC.).
- PROVIDE AND INSTALL NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE, SHEET 94.01, FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL NEW EMERGENCY EGRESS BATTERY LIGHT. EXTEND AND CONNECT 2#12AWG+#12GRD-3/4"C TO UNSWITCHED PORTION OF THE LIGHTING CIRCUIT SERVING AREA, AS INDICATED.
- PROVIDE WALL MOUNTED (SINGLE POLE, DIMMER, DUAL TECHNOLOGY, VACANCY OCCUPANCY SENSOR) SWITCH AS INDICATED. EXTEND WIRING AS REQUIRED TO CONTROL LIGHTING FIXTURES WITHIN DESIGNATED SPACE AND OR AS INDICATED WITH SUBSCRIPTS ("a", "b", "c", "d", "e", ETC.). SWITCH MOUNTING HEIGHT SHALL COMPLY WITH ADA MOUNTING HEIGHT. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN. SEE DETAIL, SHEET E-4 FOR ADDITIONAL INFORMATION.
- PROVIDE CEILING MOUNTED, DUAL TECHNOLOGY OCCUPANCY SENSOR (HUBBELL OMNIDT OR APPROVED EQUAL). EXTEND WIRING AS REQUIRED TO CONTROL LIGHTING FIXTURES WITHIN DESIGNATED ARCHITECTURAL SPACE. OCCUPANCY SENSOR LOCATIONS ARE APPROXIMATE AND REPRESENTS THE DESIGN INTENT FOR ARCHITECTURAL AREA LIGHTING CONTROL.
- PROVIDE AND INSTALL NEW EXTERIOR LIGHT FIXTURE. RECONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING FIXTURES REMOVED DURING DEMOLITION PHASE VIA EXISTING TIME CLOCK.
- CONTRACTOR TO EXTEND WIRING AS REQUIRED FROM EXISTING LIGHT SWITCH TO PROPOSED NEW LIGHT FIXTURES IN ATTIC.
- REFERENCE COMCHECK LIGHTING COMPLIANCE ON SHEET E-4

POWER NOTES

- ALL DEVICES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL NEW DEVICES ARE SHOWN HEAVY, SOLID.
- PROPOSED AUTOMATIC FLUSH SENSOR (BY OTHERS). COORDINATE FINAL HEIGHT AND LOCATION IN THE FIELD WITH MECHANICAL. PROVIDE JUNCTION BOX FOR HARDWARE CONNECTION AT EACH FIXTURE LOCATION (BASED ON SLOAN ROYAL FLUSHOMETER SERIES).
- PROVIDE AND INSTALL NEW GFI PROTECTED RECEPTACLE, ONE (1) BELOW EACH SINK, FOR AUTOMATIC FAUCETS (CORD AND PLUG TRANSFORMER ADAPTERS).
- MECHANICAL EQUIPMENT REMOVED DURING DEMOLITION TO BE REINSTALLED DURING NEW WORK PHASE. RECONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING UNIT. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH MECHANICAL AND DGS PROJECT MANAGER.
- EXISTING PANEL BOARD (LPI-C) TO REMAIN.
- EXISTING CEILING MOUNTED VISUAL FIRE ALARM DEVICE TO REMAIN.
- EXISTING SMOKE DETECTOR TO REMAIN.
- PROPOSED NEW INLINE EXHAUST FAN. RECONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING UNIT. COORDINATE WITH MECHANICAL.
- EXISTING WATER HEATER (DWH) TO REMAIN.



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

CHIEF OF PM&D DATE

For Bid

①② POWER RISER DIAGRAM
NO SCALE

LIGHTING FIXTURE SCHEDULE				
TYPE	LAMPS	MOUNTING	DESCRIPTION/VOLTAGE	CATALOG NO.
A	LED 25W 4000°K 2464 LUMENS	SURFACE	4" LED LOW PROFILE LINEAR WITH INTEGRATED LINKABILITY AND A FROSTED DIFFUSER. HAS SWITCHABLE KELVIN SETTING AND LUMEN OUTPUT - 2464/3562/4515 LUMEN (120V) RESTROOM GENERAL LIGHT FIXTURE	LITHONIA LT6 CONTRACTOR SELECT FMLWL LINK 48 AL04 85WV2
B	LED 31.6W 4000°K 4500 LUMENS	WALL MOUNTED	4" MULTI-PURPOSE LINEAR FIXTURE WITH CURVE FROSTED LENS, 0-10V DIMMING, (120/277 VOLT) ABOVE RESTROOM SINK VANITY FIXTURE	COLUMBIA LT6 MP54-40ML-CN-EDU
C	LED 10.1W/EA 4000°K 683 LUMENS	RECESSED	4" LED SQUARE DOWN LIGHT WITH ACRYLIC LENS, (120 VOLT) FOYER FIXTURE	COOPER LT6 HALO HLB45P069FSIEMWR
D	LED 15W 4000°K 2186 LUMENS	SURFACE	MINI LED WALL PACK WITH SWITCHABLE KELVIN SETTING AND LUMEN OUTPUT - 2006/2186/2212 LUMEN (120V) ABOVE EXTERIOR DOORS	COOPER LT6 HALO MWP20FSUNVDBZ
E	LED 32W 4000°K 4160 LUMENS	SURFACE	EXTERIOR LED WALL PACK WITH BOROSILICATE GLASS DOOR, (120 VOLT), EXTERIOR	COOPER LT6 STREETWORKS SERIES WKP4BLEDEUGLBZ-T040
F	LED 33.7W 5000°K 4083 LUMENS	SUSPENDED	4" FLAT LED LINEAR WITH FLAT LENS, HAS SWITCHABLE KELVIN SETTING AND LUMEN OUTPUT (120V) MOUNT WITH 36" HANGER CHAIN ATTIC FIXTURE	COOPER LT6 METALUX SNX LENSED 4SNX-41SL-FDL-UNV-CG83- CDI-U
X	LED 5W LAMPS	UNIVERSAL	EMERGENCY BATTERY UNIT WITH WHITE HOUSING, HIGH LUMEN LED LAMPS, INTEGRAL CHARGER AND MAINTENANCE FREE BATTERY (120/277) VOLT.	COOPER LT6 SURE-LITES ALL-PRO AP25QLED30

GENERAL NOTES

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH ALL CURRENT NATIONAL AND LOCAL ELECTRICAL AND ENERGY CODES.
- CONNECT EXIT LIGHTS AND NIGHT LIGHTS (NL) TO NEAREST BUILDING UNSWITCHED LIGHTING CIRCUIT SERVING RESPECTIVE AREA. INDICATE "EMERGENCY LIGHTING/UNIT EQUIPMENT" IN PANELBOARD CIRCUIT DIRECTORY PER 700.12(F).
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES AND GRID COORDINATION.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL VOLTAGES OF MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- THE WIRE SIZE INDICATED IN THE HOMERUN SHALL BE USED THROUGHOUT THE CIRCUIT.
- SEAL ALL CONDUIT PENETRATIONS THRU RATED WALLS AND FLOORS TO MAINTAIN FIRE INTEGRITY. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE WALL LOCATIONS WHERE APPLICABLE.
- GROUND, PHASE, AND NEUTRAL CONDUCTORS SHALL BE PIG-TAILED IN OUTLET BOXES OR MULTI-OUTLET ASSEMBLY FOR RECEPTACLES SO THAT GROUND AND ELECTRICAL SERVICE WILL NOT BE DISTURBED TO OTHER RECEPTACLES ON THE SAME MULTI-WIRE CIRCUIT IF RECEPTACLE IS REMOVED.
- CONTRACTOR SHALL NOTE THAT BRANCH CIRCUIT WIRING IS NOT SHOWN; HOWEVER, CIRCUIT NUMBERS ARE SHOWN ADJACENT TO ALL OUTLETS/FIXTURES. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL BRANCH WIRING BASED ON THE CIRCUIT NUMBERS SHOWN TO COMPLETE THE WIRING SYSTEM.
- ALL BRANCH CIRCUITS SHALL BE RUN CONCEALED IN EXISTING AND NEW WALLS, CUT AND PATCH EXISTING WALLS AND SURFACES AS REQUIRED.
- COORDINATE LOCATION OF NEW WALL DEVICES WITH ARCHITECTURAL DRAWINGS AND THE OWNER'S FURNITURE LAYOUT PRIOR TO ROUGH-IN.
- ALL TELEPHONE/DATA WIRING AND JACKS SHALL BE PROVIDED AND INSTALLED BY THE OWNER'S COMMUNICATIONS VENDOR. ALL EXPOSED CABLING ABOVE CEILING SHALL BE PLENUM RATED WHEN THOSE CONDITIONS APPLY.
- CONTRACTOR SHALL PROVIDE UPDATED PANEL SCHEDULES OF ALL CIRCUITS AFFECTED BY PROJECT SCOPE OF WORK. WHERE APPLICABLE, IDENTIFY ALL MISCELLANEOUS CIRCUITS NOT INDICATED ON SCHEDULES. PANEL DIRECTORIES SHALL PROVIDE ACCURATE AND LEGIBLE DESCRIPTIONS OF CIRCUITS TO IDENTIFY THEIR SPECIFIC PURPOSE/USE (WHAT IS BEING SERVED) AND SPECIFIC LOCATION DISTINGUISHABLE FROM ALL OTHER CIRCUITS PER NEC ARTICLE 408.4.
- CLARIFICATION: IF THE CONTRACT DOCUMENTS ARE FOUND TO BE UNCLEAR, AMBIGUOUS, OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ENGINEER BEFORE PROCEEDING WITH THAT PART OF THE WORK.
- CONTRACTOR SHALL COORDINATE SWITCH DEVICE COLOR AND ASSOCIATED COVERPLATE MATERIAL/FINISH WITH ARCHITECT PRIOR TO ORDERING.
- THE ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT IN ACCORDANCE WITH THE INTENT OF THESE DRAWINGS.
- EXISTING CONDITIONS/CLARIFICATION: ALL EXISTING CONDITION FLOOR PLANS, EXISTING EQUIPMENT/DEVICE LOCATIONS AND SIZES, ETC. SHOWN ON THE CONTRACT DOCUMENTS INDICATE EXISTING CONDITIONS AS KNOWN. THE EXISTING CONDITIONS ARE NOT INTENDED TO BE "AS BUILT" AND MAY DIFFER FROM THAT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS, PARTICULARLY WHERE THEY IMPACT THE PROPOSED WORK, PRIOR TO CONSTRUCTION. MINOR VARIATIONS CAN BE EXPECTED. ANY REQUIRED DEVIATION FROM THE CONTRACT DOCUMENTS AS A RESULT OF DIFFERING SITE CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CLARIFICATION OF DRAWINGS DURING BID PHASE: SHOULD A BIDDER FIND DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR SHOULD HE BE IN DOUBT WITH REGARD TO THEIR INTENT, HE SHALL NOTIFY THE ENGINEER BEFORE SUBMITTING HIS BID PROPOSAL. THE ENGINEER SHALL THEN SEND WRITTEN INSTRUCTIONS TO ALL BIDDERS. ORAL INSTRUCTIONS SHALL NOT BE BINDING TO EITHER THE ENGINEER OR OWNER. IF THIS CONTRACTOR FAILS TO COMPLY WITH THIS REQUIREMENT, HE SHALL ACCEPT THE ENGINEER'S INTERPRETATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.
- ALL ELECTRICAL OUTLET BOXES SHALL BE STAMPED STEEL, WHERE ELECTRICAL OUTLET BOXES ARE INSTALLED WITHIN A UL RATED FLOOR/CEILING OR PARTITION ASSEMBLY, THE ANNULAR SPACE BETWEEN OUTLET BOX AND PENETRATING MEMBRANE SHALL NOT EXCEED 1/8". WHERE REQUIRED BY LOCAL OFFICIALS, THIS ANNULAR SPACE SHALL BE SEALED WITH A UL APPROVED FIRE STOP SEALANT.
- FIRE ALARM DESIGN DRAWINGS ARE INTENDED AS A PERFORMANCE SPECIFICATION ONLY. ALL FINAL FIRE ALARM DEVICE SELECTION, CANDELA RATINGS, CONTROL PANEL COMPONENTS OR EXPANSIONS, AND FINAL DEVICE MOUNTING LOCATIONS SHALL BE DETERMINED BY FIRE ALARM CONTRACTOR/INSTALLER.

CODES & STANDARDS

2021 INTERNATIONAL BUILDING CODE (MFC)
2021 INTERNATIONAL ENERGY CONSERVATION CODE (MFC)
2020 NATIONAL ELECTRIC CODE (MFC)
2021 INTERNATIONAL EXISTING BUILDING CODE (MBRC)
2021 INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL MECHANICAL CODE (MPC)
2018 NFPA 1 AND NFPA 101
2014 MARYLAND ACCESSIBILITY CODE
DGS MANUAL

OCCUPANCY SENSOR GENERAL NOTES:

- ALL SENSOR LOCATIONS ARE APPROXIMATE, REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
- ULTRASONIC CEILING MOUNT SENSORS SHOULD BE LOCATED A MINIMUM OF SIX FEET FROM HVAC SUPPLY/RETURNS VENTS.
- CONTRACTOR IS RESPONSIBLE FOR: PROPER SENSITIVITY AND TIME DELAY SETTINGS (FOR NON ADAPTIVE PRODUCTS) RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITHIN RESPECT TO POWER PLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS:
 - ONE POWER PACK IS REQUIRED FOR EACH CIRCUIT TO BE CONTROLLED.
 - ONE POWER PACK IS REQUIRED FOR EVERY THREE SENSORS IN THE ZONE.
 - IF MULTIPLE CIRCUITS ARE TO BE CONTROLLED BY A SENSOR, AN AUXILIARY RELAY CAN BE USED IN CONJUNCTION WITH THE POWER PACK.
 - THE MAXIMUM NUMBER OF SENSORS THAT CAN BE PUT ON A POWER PACK IS TO BE REDUCED BY ONE FOR EACH SLAVE PACK USED.
- SENSORS MOUNTED OVER THE DOOR MUST BE PLACED ONE FOOT INSIDE THE THRESHOLD.
- CONTRACTOR IS RESPONSIBLE FOR SELECTING APPROPRIATE SQUARE FOOT COVERAGE OF EACH CEILING MOUNTED DETECTOR (I.E. 2,000 SF, 1,000 SF, ETC.).
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING EQUIPMENT IN COMPLIANCE WITH LOCAL CODE.

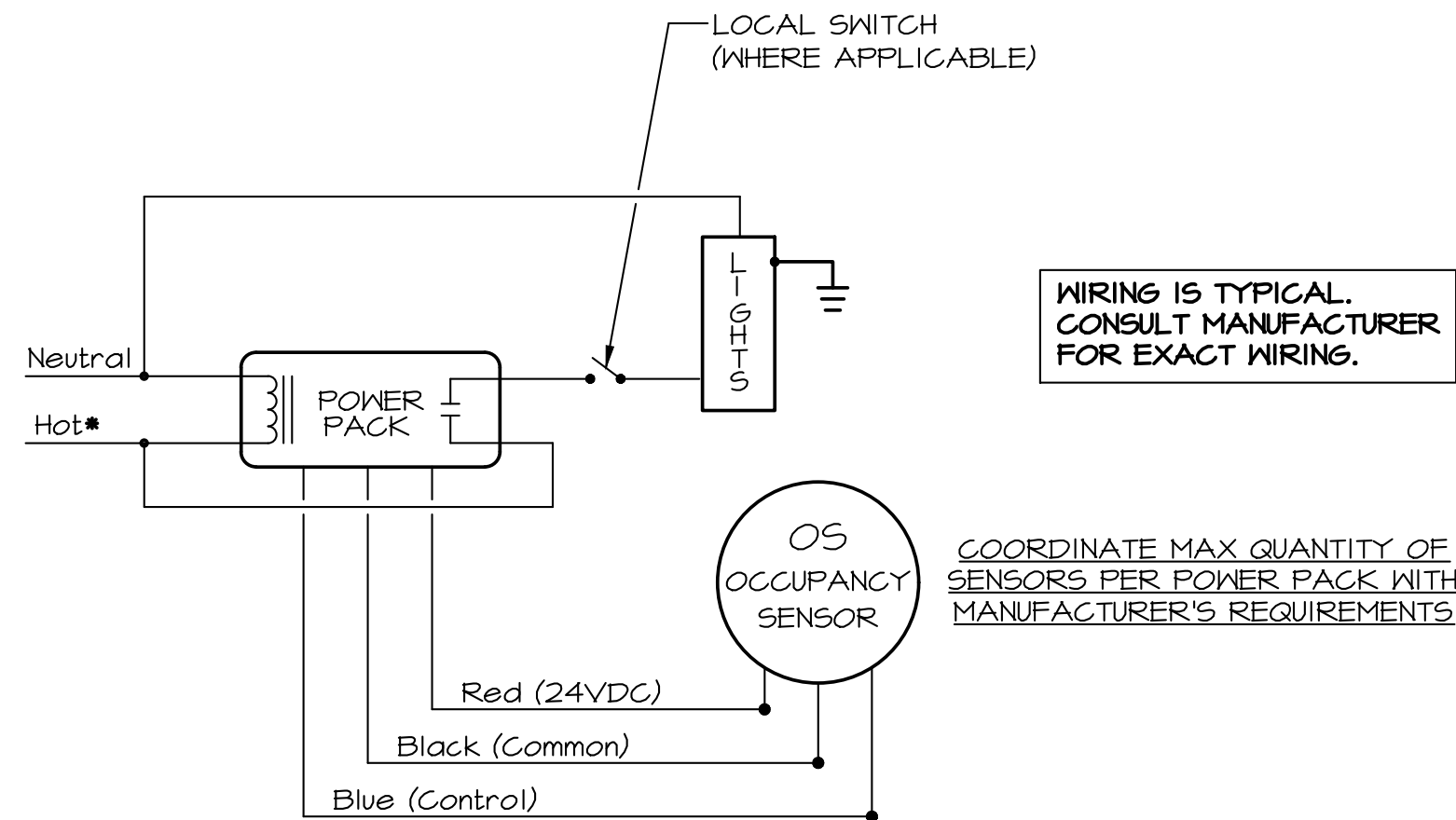
ELECTRICAL SYMBOLS LIST

NOTE: ALL MOUNTING HEIGHTS ARE TO CENTER LINE OF THE OUTLET BOX UNLESS OTHERWISE INDICATED.

SYMBOL	DESCRIPTION
	EMERGENCY BATTERY LIGHT - INTERIOR, EXTERIOR
	FIXTURE - LED LINEAR "A" = FIXTURE TYPE, "α" = SWITCH, "##" = CIRCUIT
	FIXTURE - INCANVLED 4" SQUARE DOWN LIGHT
	FIXTURE - LED 8' LINEAR - VANITY WALL MOUNTED
	FIXTURE - L.E.D. / H.I.D. - WALLPACK
	FIXTURE - BATTERY POWERED LIGHT FIXTURE
	SWITCH-SINGLE POLE, THREE WAY, SUBSCRIPT DENOTES FIXTURE CONTROLLED, DIMMER, OCCUPANCY SENSOR, VACANCY SENSOR - M.H. +48"
	VACANCY/DIMMER LIGHT SWITCH
	RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX - M.H. +18"
	RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX - M.H. +/- 42"
	PANELBOARD 120/208 VOLTS
	SAFETY DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	JUNCTION BOX - WALL, CEILING
	MOTOR - SINGLE PHASE, HORSEPOWER AS NOTED
	ELECTRIC HEATING ELEMENT
	FIRE ALARM DEVICE - VISUAL - CEILING
	SMOKE DETECTOR
	DRAWING NOTE
	DRAWING NOTE - EXISTING CONDITIONS/DEMOLITION
	DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR. WHERE APPLICABLE, LOWERCASE SUBSCRIPTS DENOTES LIGHT FIXTURES CONTROLLED.
	INDICATES NOT IN CONTRACT AREA

ABBREVIATIONS

GRD	- GROUND	DWG	- DRAWING
M.H.	- MOUNTING HEIGHT	C, CDT	- CONDUIT
AFF	- ABOVE FINISHED FLOOR	NL	- NIGHT LIGHT
GFI	- GROUND FAULT INTERRUPTER	LTS	- LIGHTS
TYP.	- TYPICAL	RECP	- RECEPTACLE
U.O.N.	- UNLESS OTHERWISE NOTED	DED	- DEDICATED
EX.	- EXISTING	WP	- WEATHERPROOF
OCC	- OCCUPANCY	LED	- LIGHT EMITTING DIODE
GFIPI	- GROUND FAULT INTERRUPTER PROTECTED	N.I.C.	- NOT IN CONTRACT



OCCUPANCY SENSOR WIRING DIAGRAM NO SCALE

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USING AGENCY APPROVAL

NAME _____ DATE _____

TITLE _____

PROJECT MANAGER _____ DATE _____

CHIEF OF PM&D _____ DATE _____

STAMP



CLIENT
Department of General Services
301 West Preston Street
Baltimore, MD 21201

PROJECT NAME
Renovations to Farthings Bathrooms - Historic St. Mary's Commission
DGS Project #
SM-850-230-002 REBID
47414 Old State House Road
St. Mary's City, MD 20686

TEI PROJECT NUMBER 23101

DRAWN BY CBH

ISSUED DATE 08/01/2025

NO.	REVISION	DATE
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, INDIVIDUALLY, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20205, EXPIRATION DATE: MAY 6, 2021.

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SHEET TITLE

Symbols, Gen Notes & Ltg Fix Sched
SHEET NUMBER

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