

RESTROOM RENOVATION- CLAYTON PARK

3173 GARNET MINE RD, CONCORD TOWNSHIP

ABBREVIATIONS

AB	Anchor Bolt	EA	Each	JAN	Janitor	RJ	Reveal joint
AC	Air Conditioning	E JTC-1	Exp. Jt. Cover & Type	JT	Joint	RM	Room
ACOUS	Acoustics	EL	Elevation	JUNC	Juncture	RO	Rough opening
ACP	Acous Ceiling Panels	ELEV	Elevator	LVT	Luxury Vinyl Tile	RRP	Radius reference point
ACT-1	Acous ceiling tile & type	EMER	Emergency	LAV	Lavatory	RWC	Rainwater conductor
AD	Access door	ENTR	Entrance	LP	Low Point		
ADH	Adhesive	EP	Extruded Polystyrene	LTG	Lighting		
ADJ	Adjustable	EPS	Expanded Polystyrene				
AFF	Above finished floor	EQ	Equal	MSNRY	Masonry	SAB	Sound attenuation blanket
ALT	Alternate	ER	Existing to remain	MATL	Material	SVF	Seamless vinyl flooring
ALUM	Aluminium	ESB	Exterior soffit board	MAX	Maximum	SCW	Solid core wood
ANDZ	Anodize	EWC	Electric water cooler	MB	Mail box	SCHED	Schedule
APPROX	Approximate	EXH	Exhaust	MC	Mineral core	SHLVS	Shelves
A.P.	Access panel	EXP	Exposed	MEMB	Membrane	SHT	Sheet
ARCH	Architect	E JT	Expansion joint	MFR	Manufacturer	SHTHG	Sheathing
ASBLY	Assembly	EXT	Existing	MIN	Minimum	SIM	Similar
ASL	Above slab			MIR	Mirror	SLNT	Sealant
				MISC	Miscellaneous	SPEC	Specification
BAL	Balance	FB	Face Brick	MLWK	Millwork	SF	Square foot
B&B	Balled & bagged	FEC	Fire extinguisher cabinet	MM	Millimeter	SFT	Structural facing tile
BD	Board	FHC	Fire hose & valve cabinet	MO	Masonry Opening	STD	Standard
BEV	Beveled	FD	Floor drain	MR	Membrane Roofing	STL	Steel
BI	Birch	FL	Floor	MTD	Mounted	STOR	Storage
BITUM	Bituminous	FLUOR	Fluorescent	MTL	Metal	STRUC.	Structure
BKSPL	Backsplash	FDN	Foundation	MULL	Mullion	ST STL	Stainless steel
BL	Borrowed light	FPRFG	Fireproofing			SURF	Surface
BLK	Block	FSR	Flexible sheet roof			SUSP	Suspended
BLKG	Blocking	FT	Feet	NAT	Natural (finish)	SYST	System
BM	Beam	FTG	Footing	N	North		
BOT	Bottom	FUR	Furring	NIC	Not in contract		
BRCG	Bracing			NO	Number	TB	Tackboard
BRG	Bearing	GA	Gauge	NTS	Not to scale	TD	Towel Dispenser
BRK	Brick	GALV	Galvanized			TDR	Towel Dispenser Receptor
BS	Both sides	GB	Grab bar	O	Oak	THOLD	Threshold
		GCB	General contractor	OA	Overall	TEMP	Tempered
CAB	Cabinet	GFB	Glazed Face Brick	OC	On Center	TME	To Match Existing
CASBD	Casing bed	GRB	Glass fiber board	OD	Outside Diameter	T.O.	Top of
CB	Chalkboard	GL	Glass	O.H.	Opposite Hand	TPH	Toilet paper holder
CER	Ceramic	GL CMU	Glazed CMU	OHD	Overhead	TR	Through roof
CH	Ceiling height	GR	Grade	OPG	Opening	TRZ	Terrazzo
CJT	Control joint	GRN	Granite	OPP	Opposite	TSL	Top of slab
CLG	Ceiling	GWB	Gypsum wallboard			TSTL	Top of steel
CLR	Clear or clearance	GYP	Gypsum	PC	Piece	T.O.W.	Top of wall
CMU	Concrete masonry unit			PLAM	Plastic Laminate	TYP	Typical
COL	Column			PLAS	Plaster		
CQMB	Combination	HB	Hose Bib	PNT	Point	UL	UNDERWRITER LABORATORY
CONC	Concrete	HC	Hollow core	POLYC	Polycarbonate	U.O.N.	UNLESS OTHERWISE NOTED
CONSTR	Construction	HDWE	Hardware	PR	Pair		
CONT	Continuous	HCAP	Handicapped	PRTN	Partition	VAR	Varies
CPT	Carpet	HNDRL	Handrail	PT	Point	VB	Vinyl Base
CRS	Course	HORIZ	Horizontal	PTCL BD	Partial Board	VCT	Vinyl composite tile
CS	Cast stone	HP	High Point	PTD	Painted	VERT	Vertical
CSP	Concealed	HT	Height	PLWD	Plywood	VA	Veterans Administration
CT	Ceramic tile	HVAC	Heating, ventilation, & air conditioning	R&S	Rod & Shelf	VST	Vinyl Stair Tread
CTR	Center	HYD	Hydrant	RAD	Radius	WVC	Vinyl wall covering
CW	Curtain wall			RD	Roof drain	W	With
CUT	Conductive vinyl tile			RCF	Raised computer floor	W/O	Without
				REC	Recessed	WD	Wood
DBLE	Double	ID	Inside diameter	RECEP	Receptacle	WO	Window opening
DBL ACT	Double Acting	IFS	Insulation & finish	REF	Reference	WPRFG	Waterproofing
DIA	Diameter	INS	Insulation	REFL	Reflective		
DIM	Dimension	INVT	Invert	REINF	Reinforcing		
DN	Down	INT	Interior	REQD	Required		
DPFRG	Dampproofing			REV	Revision		
DS	Downspout			RFG	Roofing		
DWGS	Drawings						

DRAWING INDEX

DWG NO.	DWG DATE	REV. #	REV. DATE	DRAWING TITLE
ARCHITECTURAL				
CS	07-07-2024			COVER SHEET
A1	07-07-2024			FLOOR PLAN & SITE PLAN
A2	07-07-2024			EXISTING ELEVATIONS (DEMOLITIONS)
A3	07-07-2024			PROPOSED ELEVATIONS
A4	07-07-2024			REFLECTED CLG. PLANS & INT. ELEVs
A5	07-07-2024			HC RESTROOM PLANS & ELEVATIONS
A6	07-07-2024			SECTIONS & SCHEDULES
A7	07-07-2024			DETAILS
A8	07-07-2024			DETAILS
A9	07-07-2024			DETAILS
PLUMBING				
P000	07-07-2024			PLUMBING SYMBOLS & ABBREVIATIONS
P100	07-07-2024			PLUMBING DEMOLITION & NEW INSTALLATION PLAN
P101	07-07-2024			PLUMBING SANITARY AND DOMESTIC RISER DIAGRAMS
P102	07-07-2024			PLUMBING FIXTURE SHEETS
ELECTRICAL				
E000	07-07-2024			ELECTRICAL SYMBOLS AND ABBREVIATIONS
E100	07-07-2024			ELECTRICAL DEMOLITION PLANS
E101	07-07-2024			ELECTRICAL POWER AND LIGHTING PLANS
E200	07-07-2024			SINGLE LINE, PANEL SCHEDULE, WIRING CHART AND NOTES

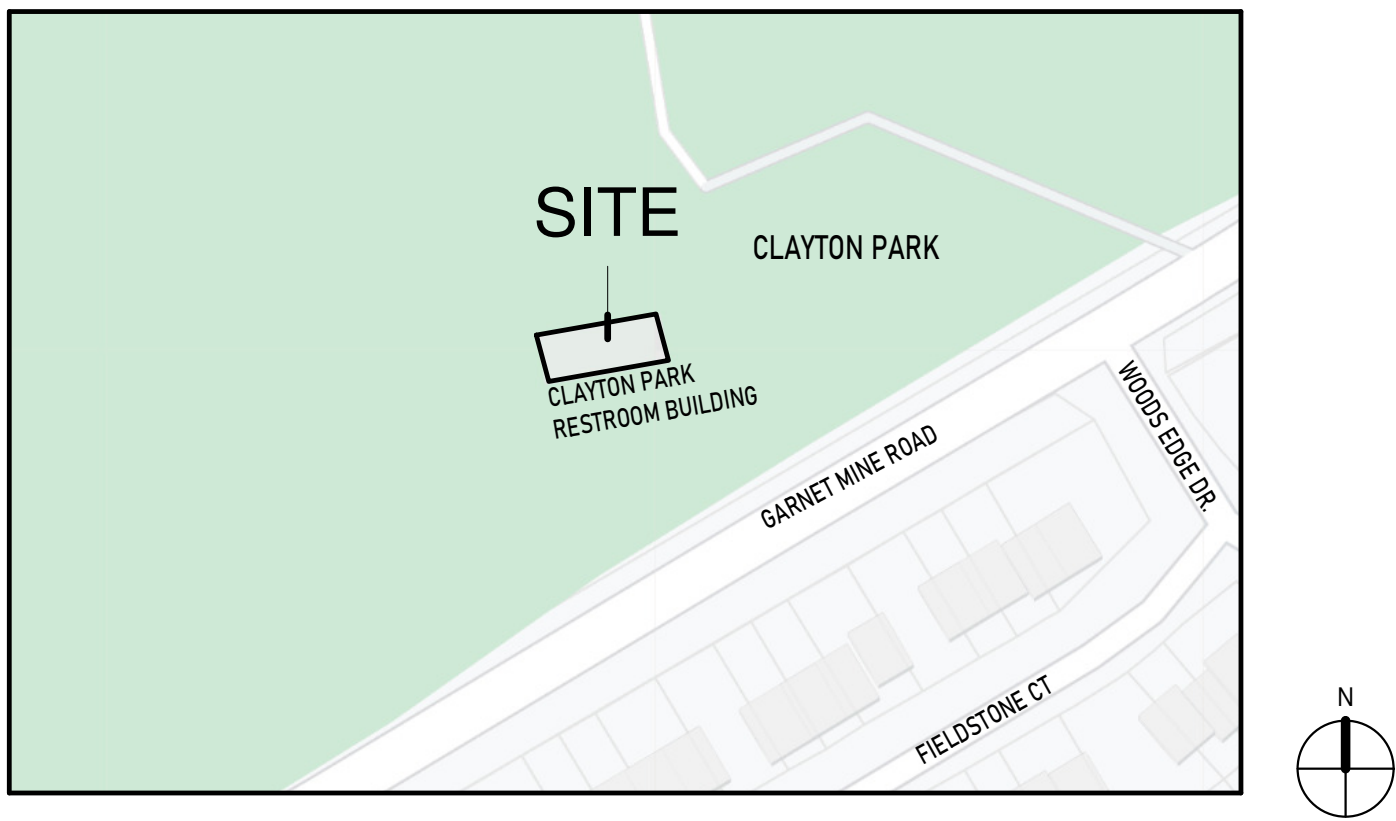
BUILDING CODE/DATA

BUILDING CODE	2018 IBC / 2018 IEBC
CONSTRUCTION TYPE	5B
APPLICABLE CODES:	
	INTERNATIONAL PLUMBING CODE 2018 (IPC)
	INTERNATIONAL MECHANICAL CODE 2018 (IMC)
	INTERNATIONAL ENERGY CONSERVATION CODE 2018 (IECC)

SYMBOLS LEGEND

	ROUGH WOOD		WINDOW TYPE NOTE		DETAIL TARGET
	WOOD SHIM		DOOR TYPE NOTE		FLOOR ELEVATION
	FINISH WOOD		PARTITION TYPE		GLASS TYPE
	PLYWOOD		INTERIOR ELEVATION		DETAIL REFERENCE
	RIGID INSULATION, EIFS		EXTERIOR ELEVATION		FINISH LABEL
	BATT INSULATION		NORTH ARROW		CEILING TYPE LABEL
	EARTH				
	GRAVEL				
	STRUCTURAL CONCRETE				
	BRICK				
	CONCRETE MASONRY UNIT				
	STEEL				

LOCATION MAP



GENERAL NOTES

- All dimensions are finish dimensions.
- Definitions:
 - Remove: Detach items from existing construction and legally dispose of them off- site, unless noted to be removed and salvaged or removed and reinstalled.
 - Remove and Salvage: Detach items from existing construction and deliver, ready for reuse, as directed by County of Delaware(COD).
 - Remove and Reinstall: Detach item from existing construction, prepare them for reuse, and reinstall them where indicated.
 - Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.
- All work shall be done in accordance with 2018 IBC / IRC applicable and all local/state ordinances.
- All electrical work is to be installed per the latest edition of the national Electrical Code and applicable COD Codes. The completed work is to be certified by an underwriting agency approved by COD.
- The contractor shall secure and pay for the building permit. The contractor, and/or his subcontractors, shall secure and pay for all other permits and governmental fees, licenses, and inspections necessary for proper execution and completion of the work.
- The contractor and his subcontractors to comply with all laws, ordinances, rules, regulations, and orders of any public authority having jurisdiction on the performance of the work.
- The contractor shall comply with and give notices required by laws, ordinances, rules, regulations and lawful orders of public authorities bearing on performance of the work.
- The contractor to carefully study and compare the Contract Documents with each other and with information furnished by COD and shall report any errors, inconsistencies, or omissions discovered to the Architect and to COD.
- Contractor is responsible for providing all temporary services and facilities during construction including but not limited to water, electricity, dumpster, job trailer.
- The contractor shall be responsible for compliance with all OSHA regulations.
- The contractor to take field measurements and verify field conditions before proceeding with any work and shall be responsible for same.
- The contractor is responsible for cutting, fitting or patching required to complete the work or to make its parts fit together properly.
- The contractor to keep the premises and surrounding area free from accumulation of waste materials or rubbish caused by construction operations.
- The contractor to provide secure temporary supports as required and maintain same until permanent supports are fully in place.
- All guardrails to be 36" A.F.F. and balusters spaced so that 4" diam sphere cannot pass through any point.
- Smoke detectors shall be wired to the primary power source with battery back-up. Actuation of one unit shall sound alarm on all units. Provide detectors in all areas required by code and as per drawings.

- All pipes passing through the foundation are to pass through a sleeve size larger than the pipe it serves. Pack the annular space and seal with a waterproof sealant.
- Provide only 1.6 gallon per flush toilets and 3 GPM fixtures max.
- No lead solder.
- Plumbing, mechanical and all other prefabricated equipment to have approval labels and instructions attached at time of inspection.
- Use moister resistant GWB in all wet areas.

CLAYTON PARK

CONCORD TOWNSHIP PA



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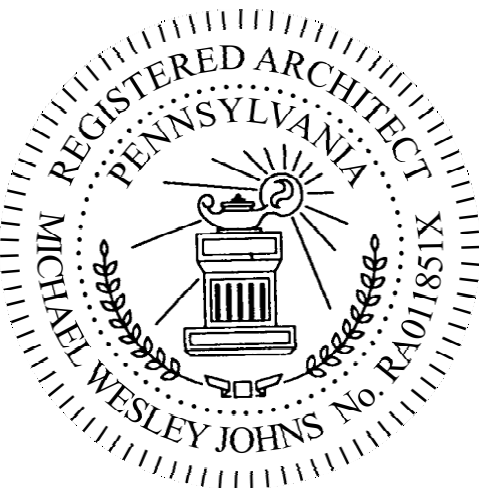
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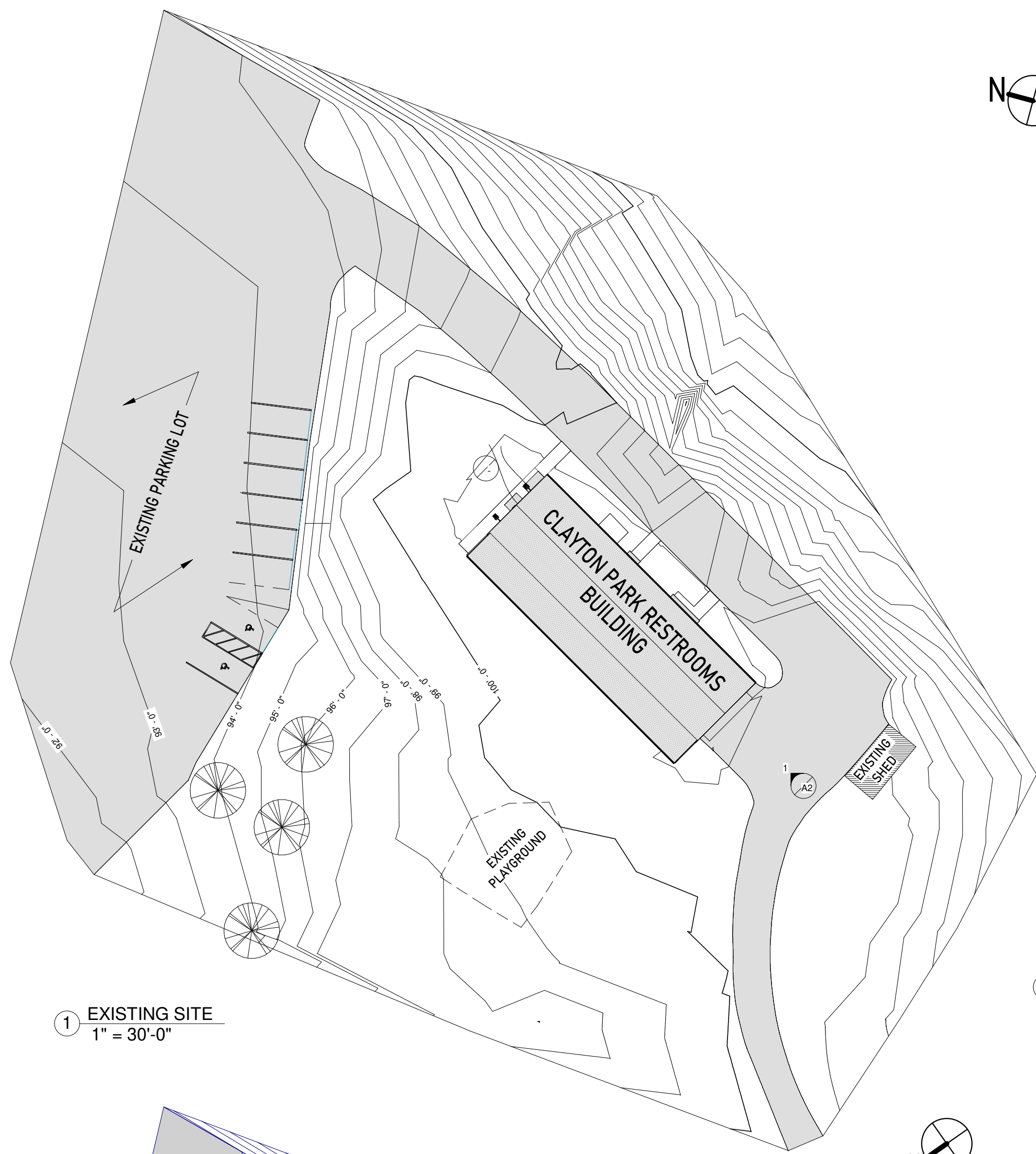
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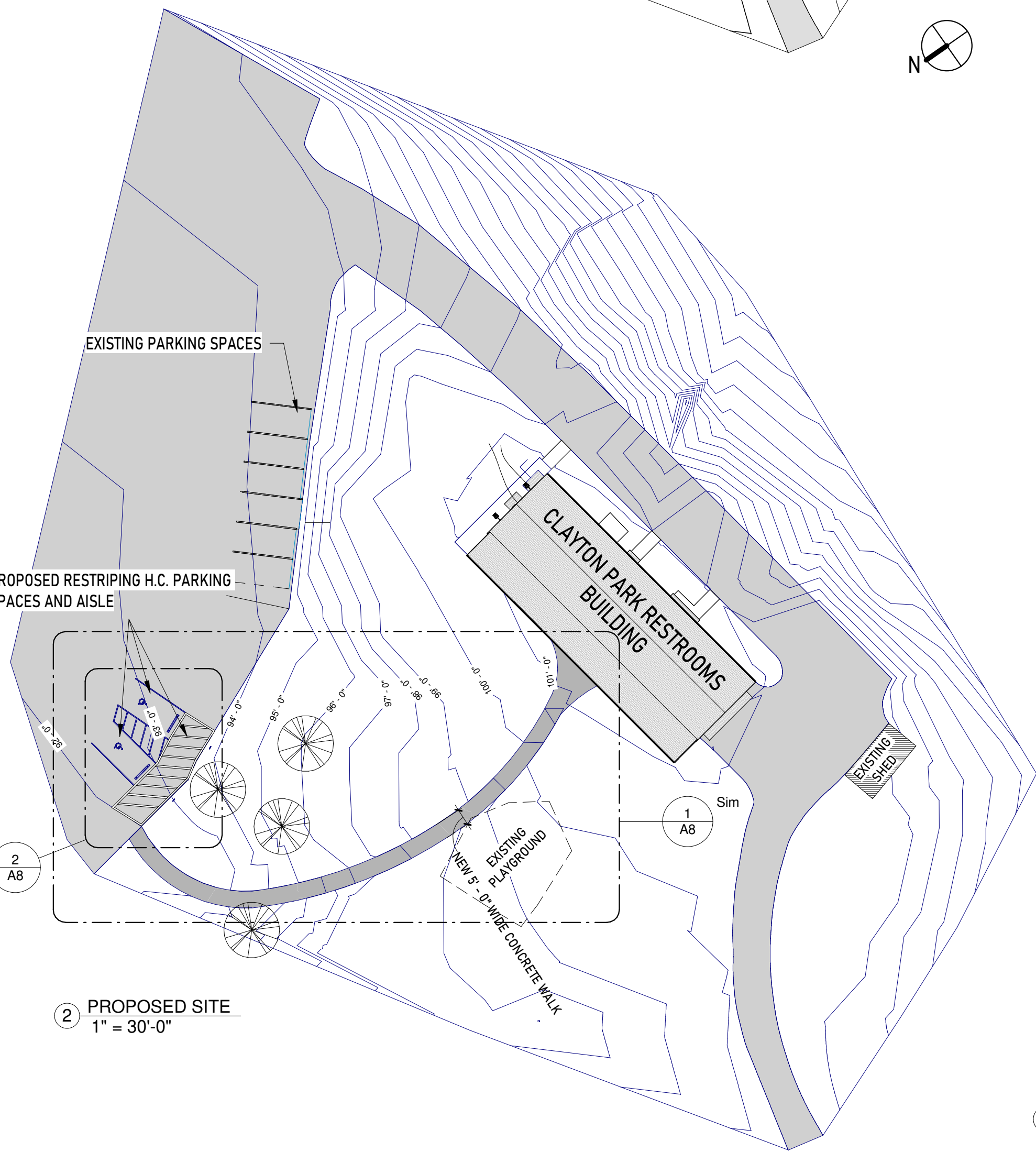
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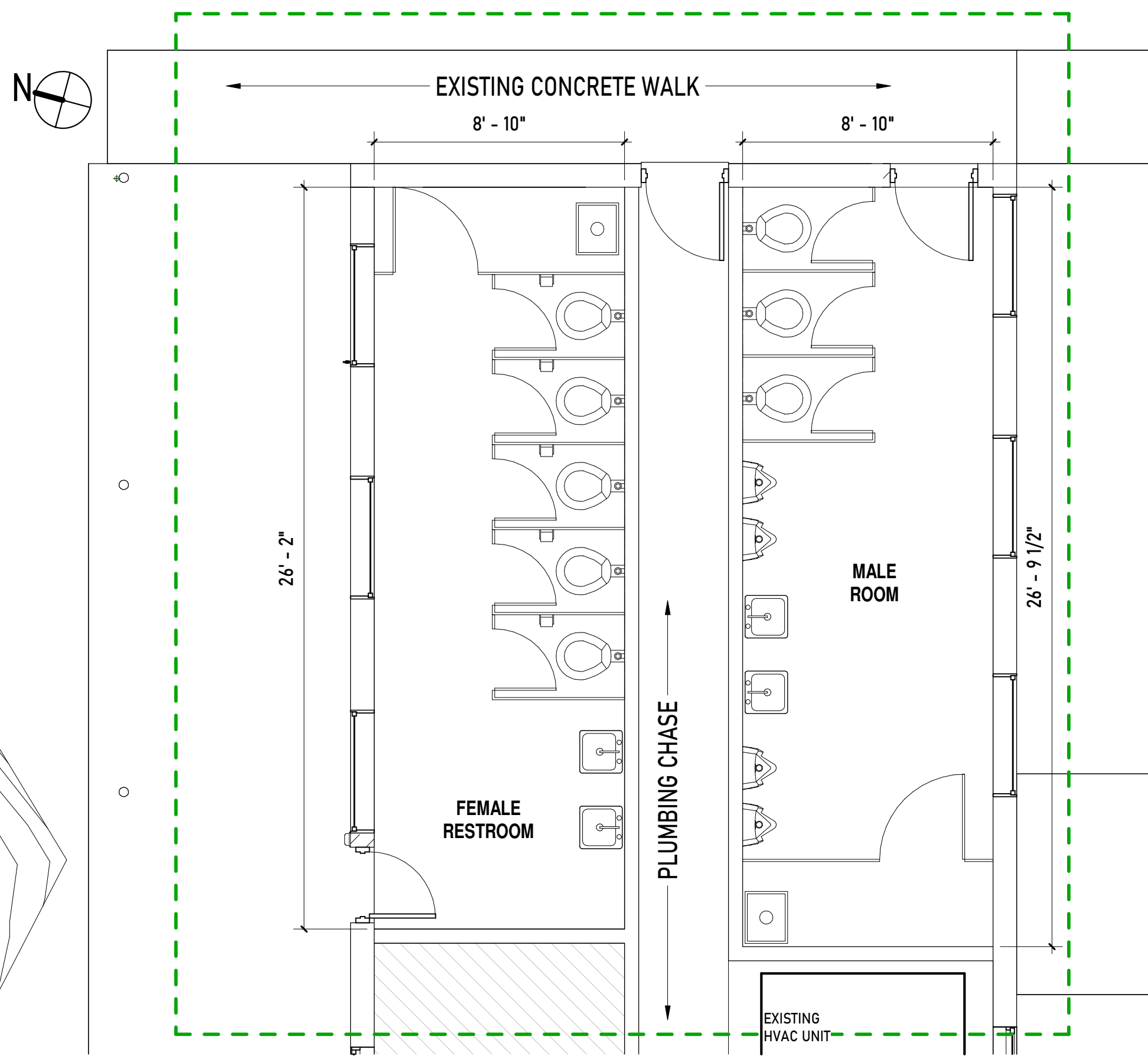
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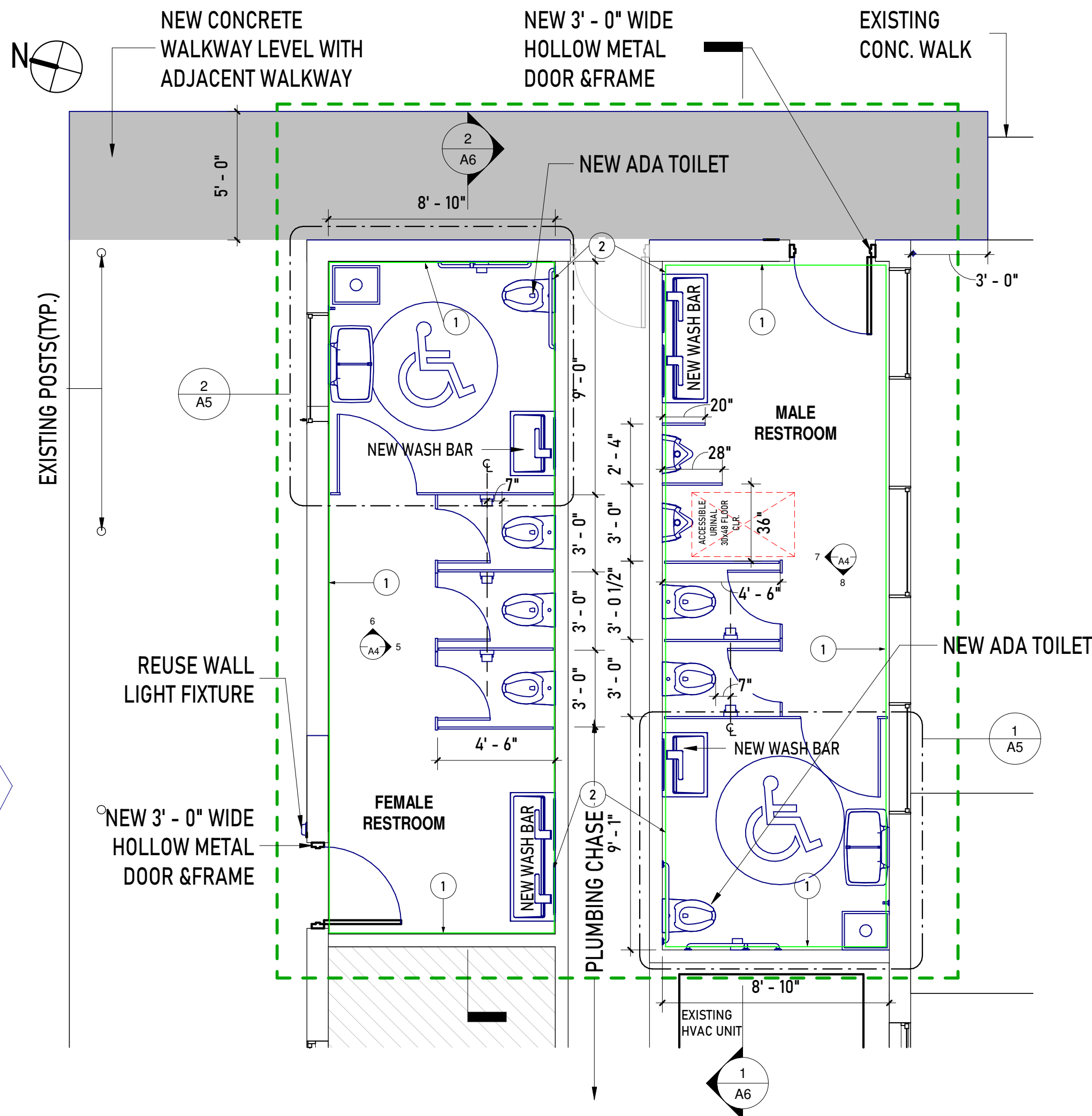
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1" = 30'-0"



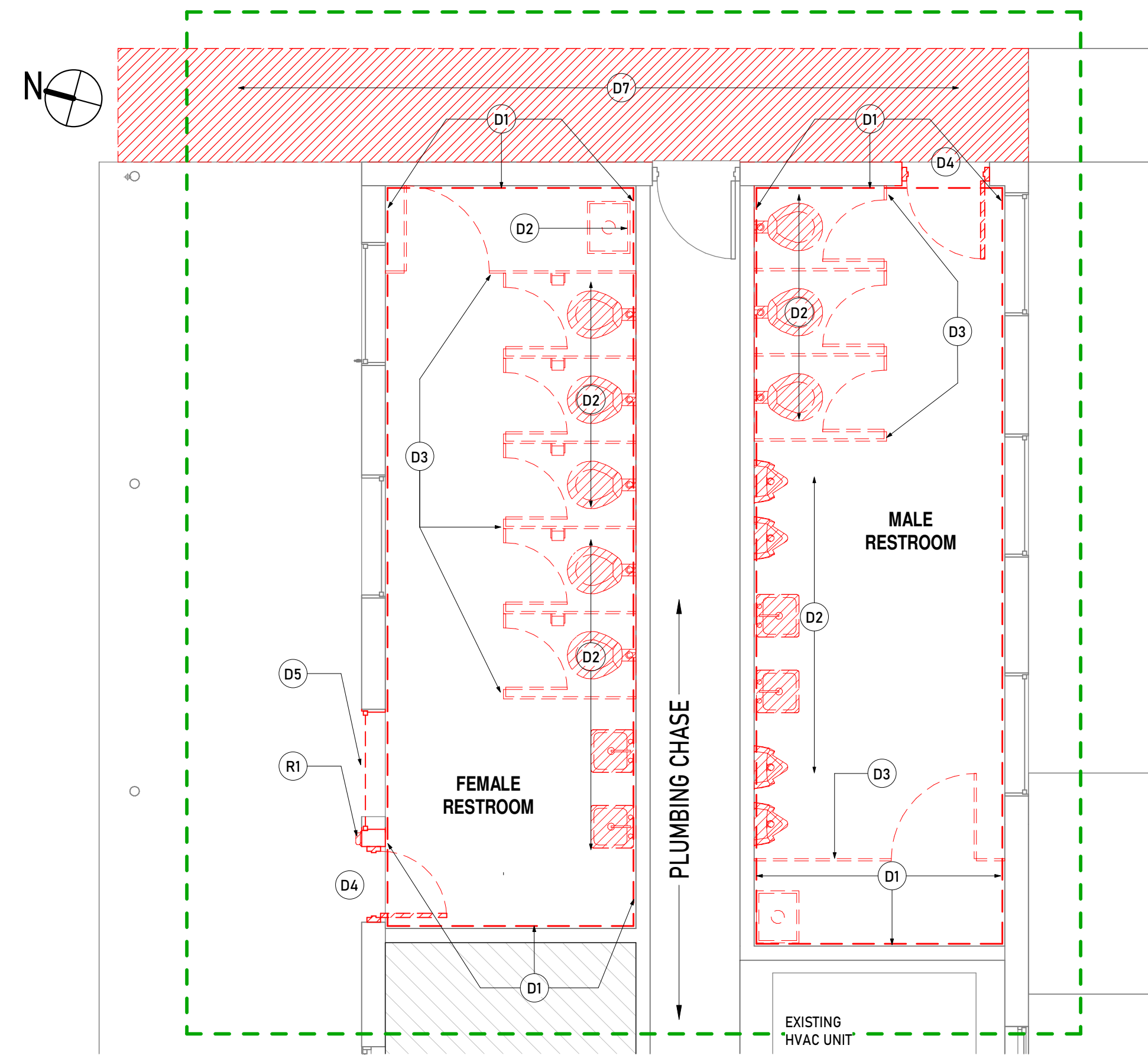
2 PROPOSED SITE
1" = 30'-0"



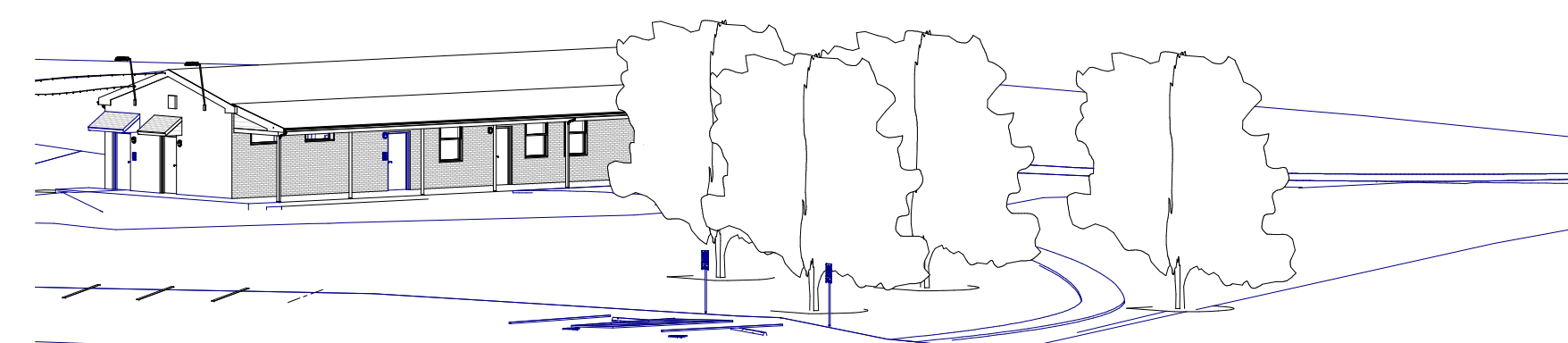
3 EXISTING PLAN
1/4" = 1'-0"



5 PROPOSED PLAN
1/4" = 1'-0"



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



6 AERIAL VIEW OF THE RESTROOM FROM THE PARKING AREA

LEGEND	
	EXISTING
	TO BE REMOVED
	NEW WALL FINISH MATERIAL
	EXISTING TREES
	WORK AREA BOUNDARY

- CONSTRUCTION NOTES**
- INSTALL IMPACT &MOISTURE RESISTANT GWB &FRP PANELS(ON GWB) FLOOR TO CEILING ON ALL WALLS EXCEPT THE ONE ADJACENT TO THE PLUMBING CHASE.
 - INSTALL IMPACT &MOISTURE RESISTANT GWB &12x24 PORCELAIN TILES(ON GWB) FLOOR TO CEILING ON WALLS ADJACENT TO THE PLUMBING CHASE.

- GENERAL DEMOLITION NOTES**
- EXCEPT FOR TERRAZZO FLOORING, REMOVE ALL FINISHES INCLUDING CEILING, WALLS DOWN TO CONCRETE BLOCK WALLS.
 - REMOVE LIGHT FIXTURES.
 - REMOVE PLUMBING FIXTURES &APPURTENANCES ETC.
 - REMOVE TOILET STALLS.
 - REMOVE PIPING AS NECESSARY TO ACCOMMODATE NEW PLUMBING FIXTURE INSTALLATIONS.

DEMOLITION NOTES	
NOTE	DESCRIPTION
D1	REMOVE ALL WALL TILES, G.W.B. ETC., IN THEIR ENTIRETY AND PREPARE THE WALL SURFACE TO RECEIVE NEW WALL TILES AND M.R. G.W.B.
D2	REMOVE PLUMBING FIXTURES IN THEIR ENTIRETY.
D3	REMOVE TOILET STALLS AND ACCESSORIES IN THEIR ENTIRETY.
D4	REMOVE DOOR FRAME AND HARDWARE AND ENLARGE OPENING FOR INSTALLATION OF 3' - 0" WIDE DOOR IN METAL FRAME.
D5	REMOVE THE EXISTING WINDOW TO ACCOMMODATE THE NEW DOOR.
D6	REMOVE EXISTING LIGHT FIXTURES.
D7	DEMOLSH EXISTING CONCRETE WALK.
D8	REMOVE G.W.B. CEILING, LEAVE FRAMING INTACT IN SO FAR AS POSSIBLE.
D9	REMOVE EXISTING LIGHT FIXTURES, MECH. VENTS AND SMOKE DETECTORS IN THEIR ENTIRETY; CONDUIT AND WIRING TO BE REUSED IF IN GOOD CONDITION.
R1	REMOVE AND REUSE THE LIGHT FIXTURE AS INDICATED. REFER TO PROPOSED PLAN AND ELEVATION.

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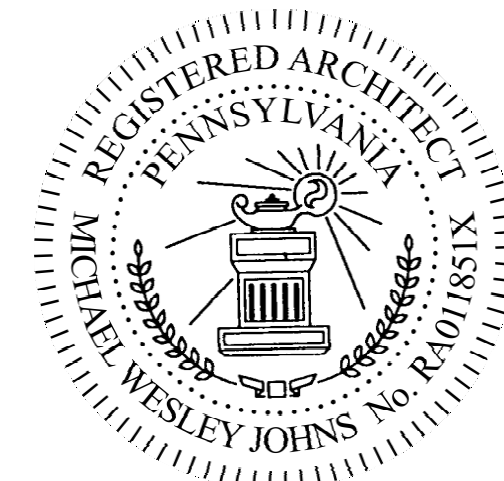
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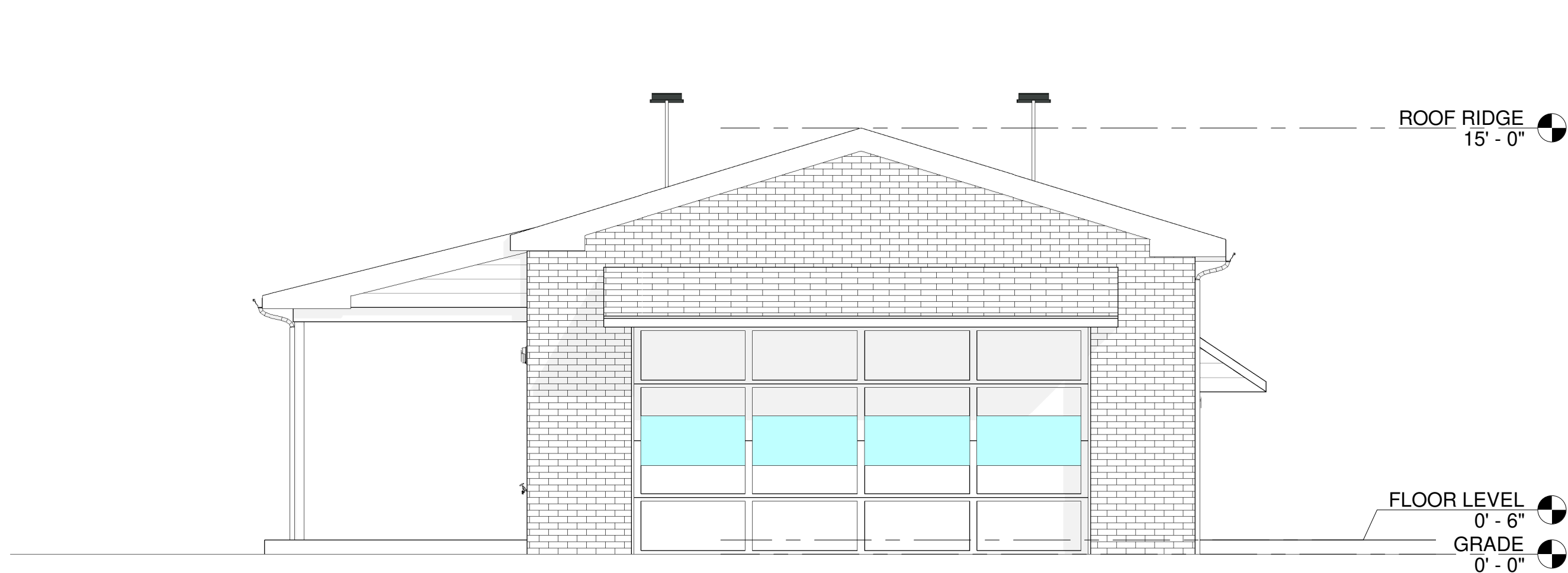
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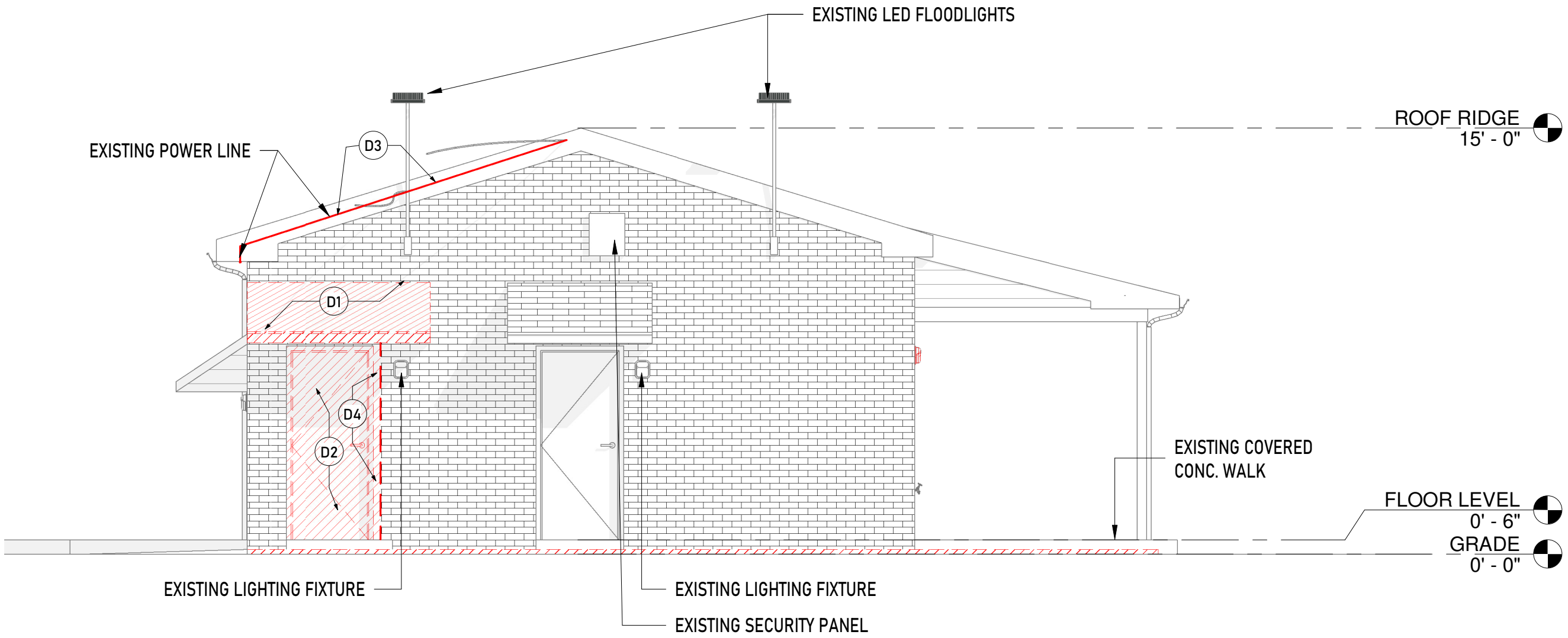
FLOOR PLAN &SITE PLAN

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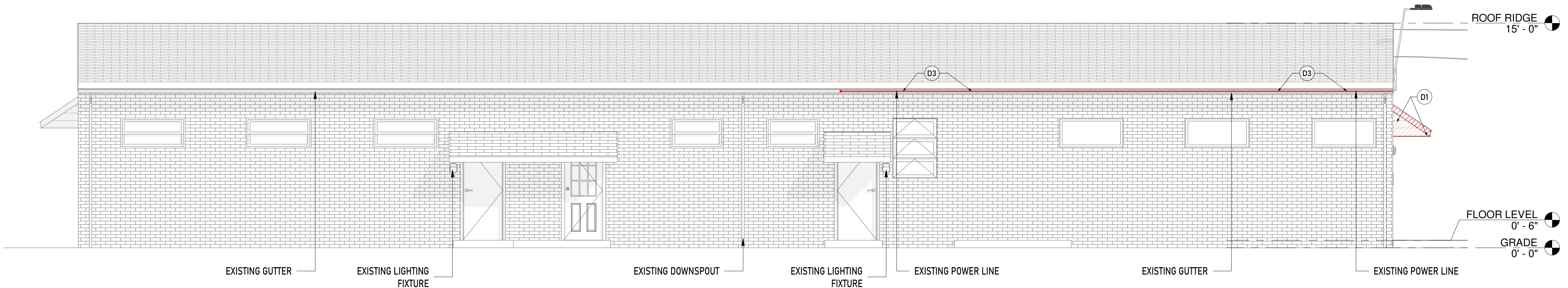
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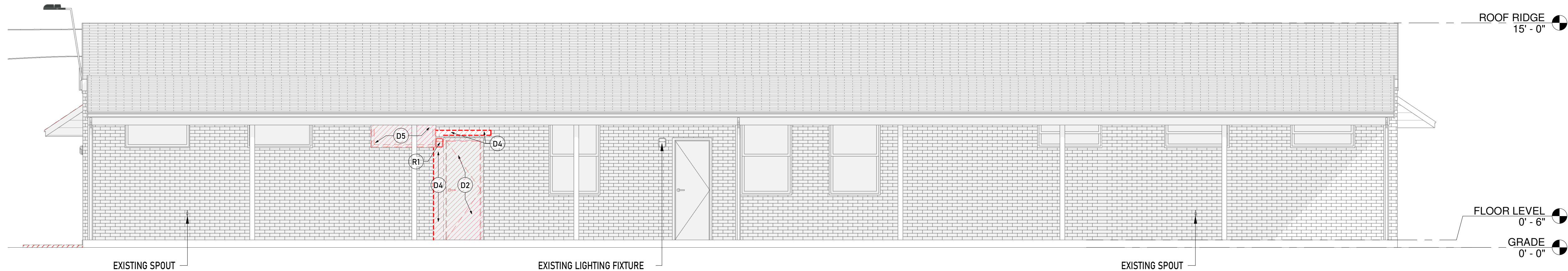
1 EXISTING WEST ELEVATION
1/4" = 1'-0"



2 EXISTING EAST ELEVATION
1/4" = 1'-0"



3 EXISTING SOUTH ELEVATION
1/4" = 1'-0"



4 EXISTING NORTH ELEVATION
1/4" = 1'-0"

LEGEND	
	EXISTING
	PROPOSED ALTERATIONS/DEMOLITION

NOTE	DESCRIPTION
D1	DEMOLISH EXISTING PENT ROOF AS INDICATED.
D2	REMOVE DOOR FRAME AND HARDWARE.
D3	REMOVE THE EXISTING ELECTRIC CONDUIT IN ITS ENTIRETY BACK TO ELEC. PANEL.
D4	REMOVE EXISTING BRICK MASONRY AS NECESSARY TO ACCOMODATE INSTALLATION OF NEW 3' 0" WIDE DOOR &HM FRAME.
D5	REMOVE EXISTING WINDOW.
R1	REMOVE AND REUSE THE LIGHT FIXTURE AS INDICATED. REFER TO PROPOSED PLAN AND ELEVATION.

CLAYTON PARK

CONCORD TOWNSHIP PA



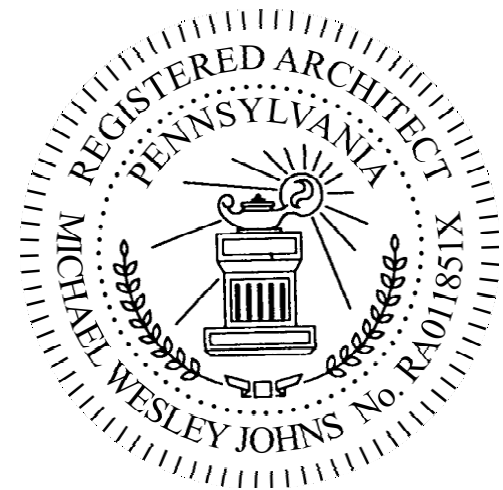
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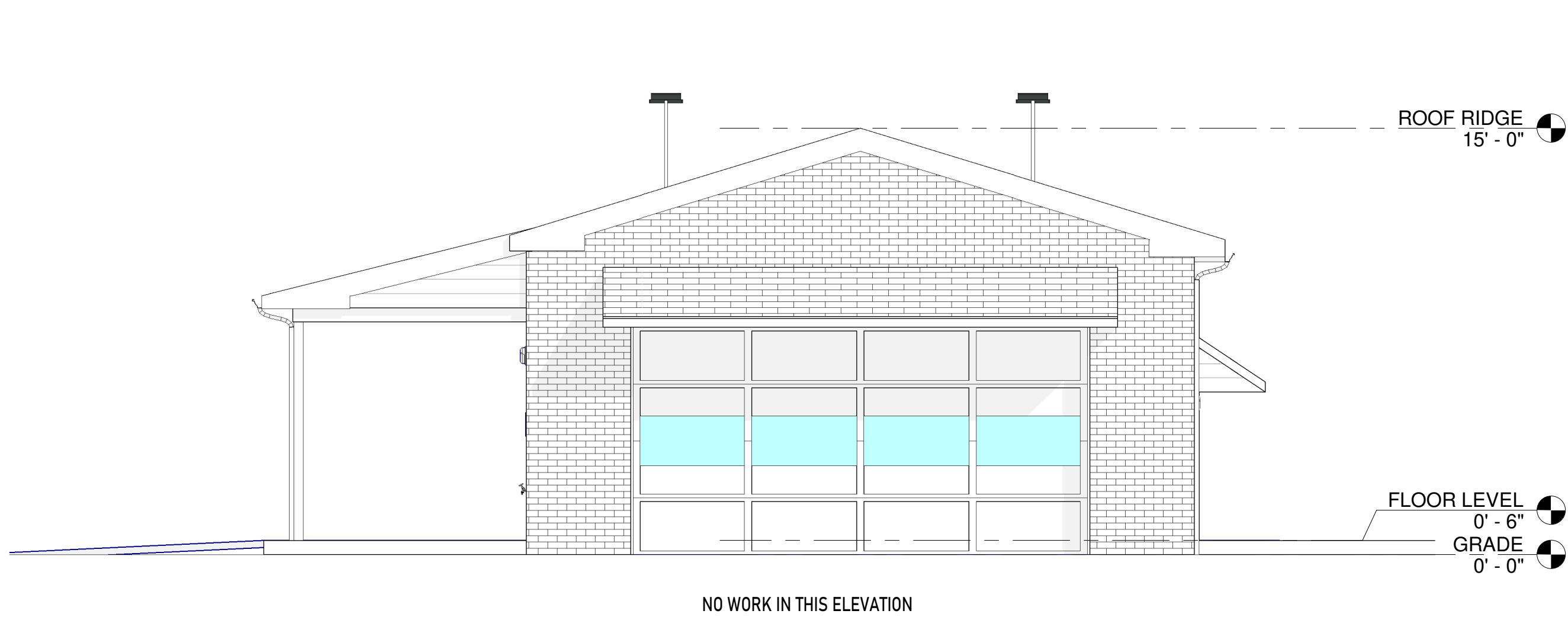
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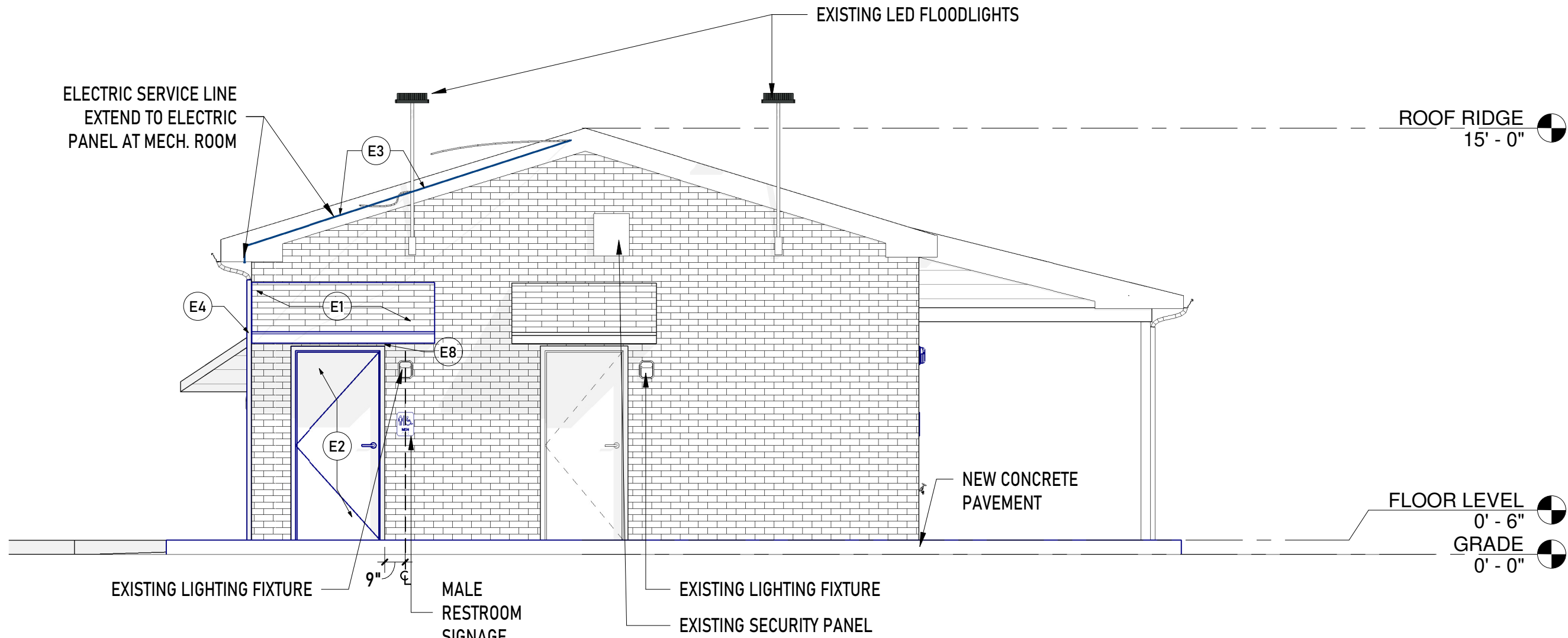
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ELEVATIONS
(DEMOLITIONS)

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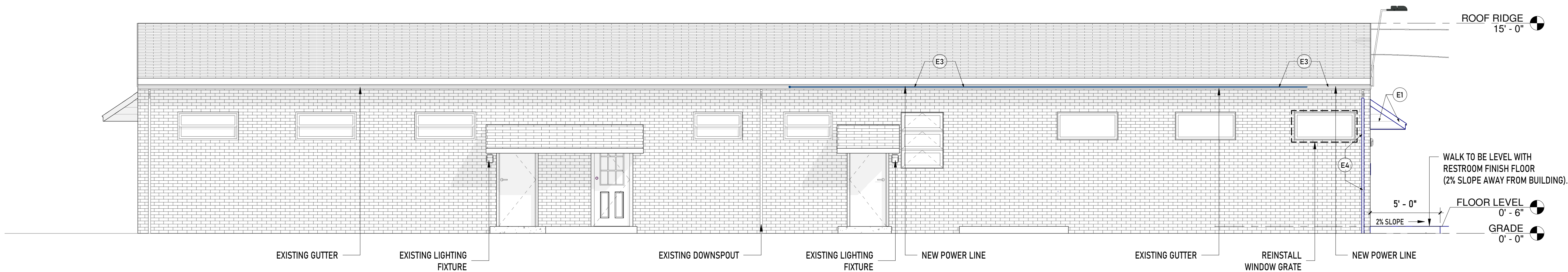
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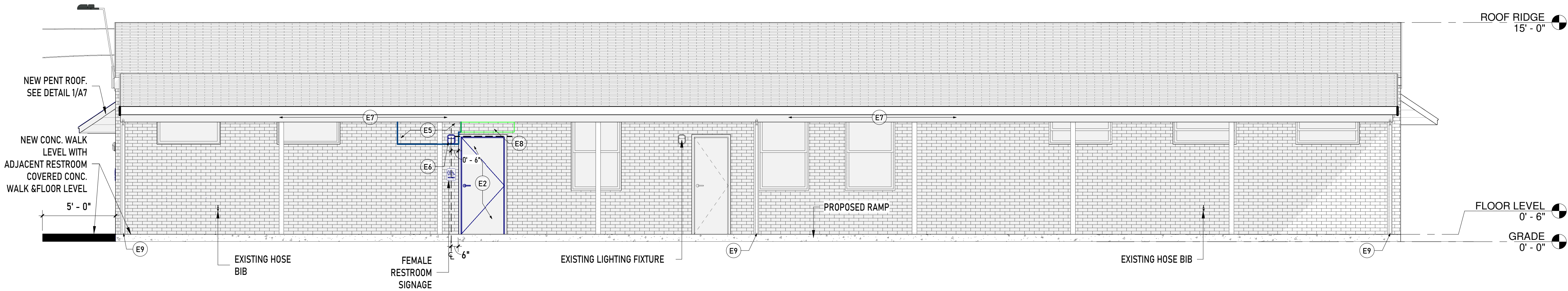
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LEGEND	
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	TO BE REMOVED
	NEW WALL FINISH MATERIAL
	EXISTING TREES
	WORK AREA BOUNDARY

CONSTRUCTION NOTES

NOTE	DESCRIPTION
E1	REBUILD THE SLOPED PENT ROOF IN ITS ENTIRETY. REFER DETAILS ON SHEET A6.
E2	INSTALL NEW 3' - 0" WIDE HOLLOW METAL DOOR & FRAME AS INDICATED.
E3	REPLACE THE SERVICE CONDUIT ALL THE WAY TO THE ELECTRIC METER. SEE ELECTRICAL NOTES.
E4	INSTALL A NEW DOWNSPOUT AS INDICATED.
E5	SEAL THE WINDOW OPENING WITH A METAL PANEL. REFER TO DETAILS ON SHEET A6.
E6	RELOCATE THE EXISTING LIGHT FIXTURE AT THE PROPOSED LOCATION.
E7	REPAIR/REPLACE THE METAL FASCIA AND THE SOFFIT WHEREVER REQUIRED.
E8	INSTALL A NEW STEEL LINTEL AS INDICATED. REFER TO DETAILS ON SHEET A6.
E9	REPLACE THE DOWNSPOUTS AS INDICATED.
E10	INSTALL NEW LEDs AS INDICATED.

NOTE: ALL EXISTING CONDITIONS TO REMAIN EXCEPT WHERE NOTED OTHERWISE.

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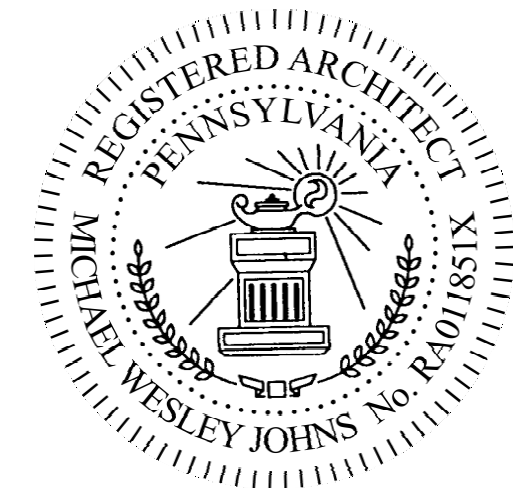
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PROPOSED ELEVATIONS

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A3



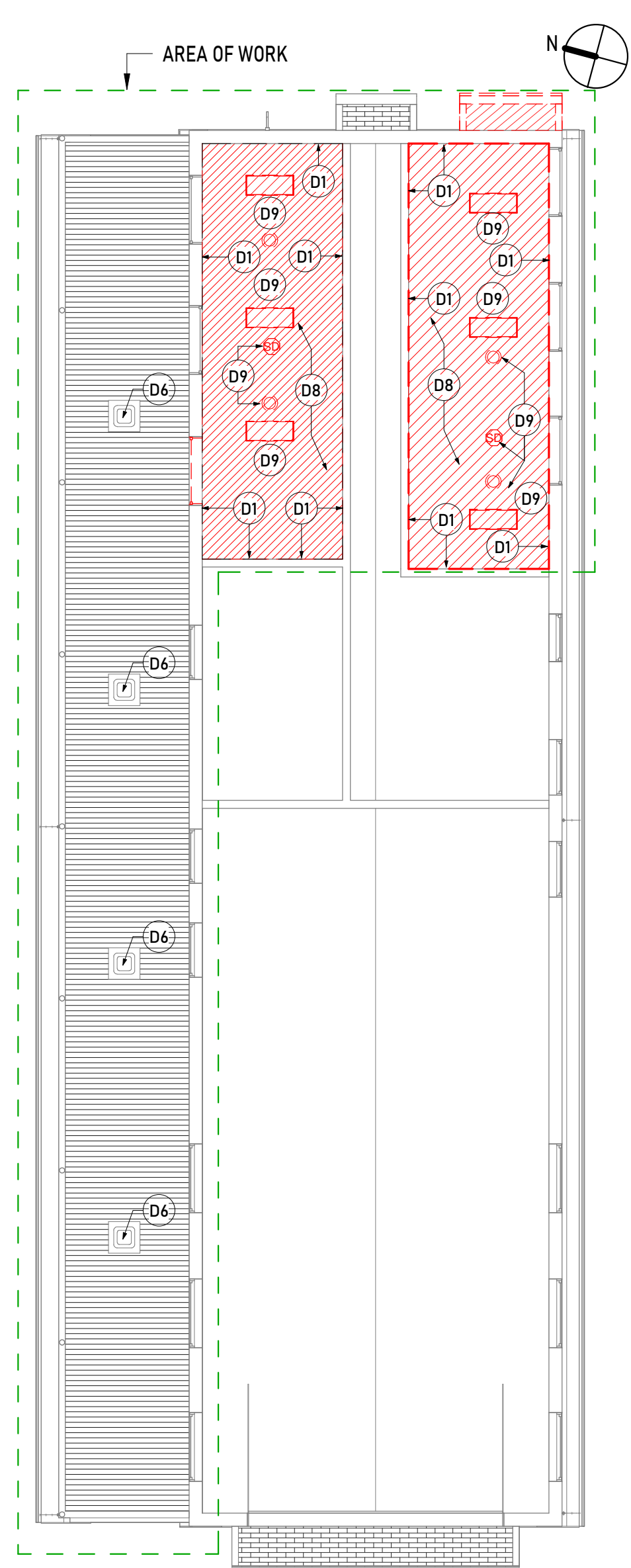
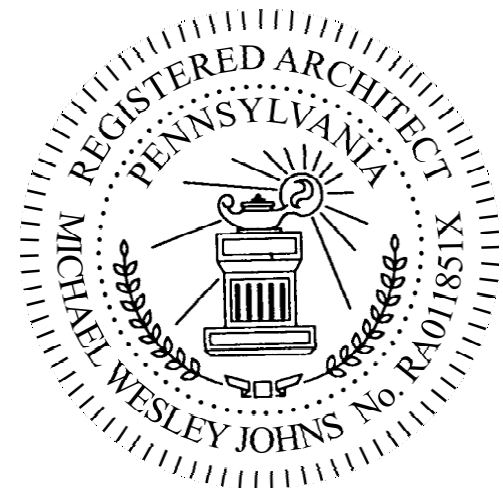
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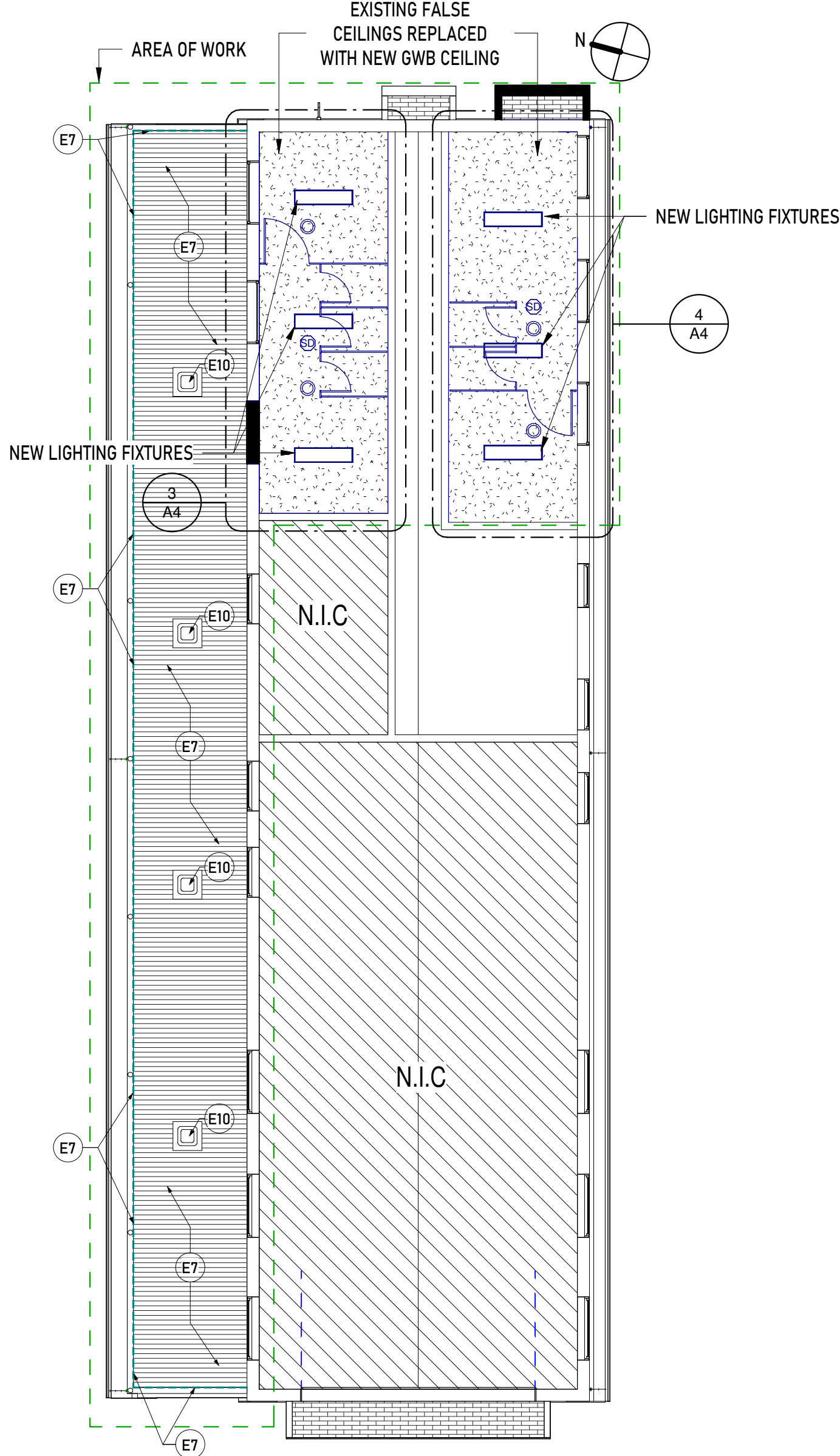
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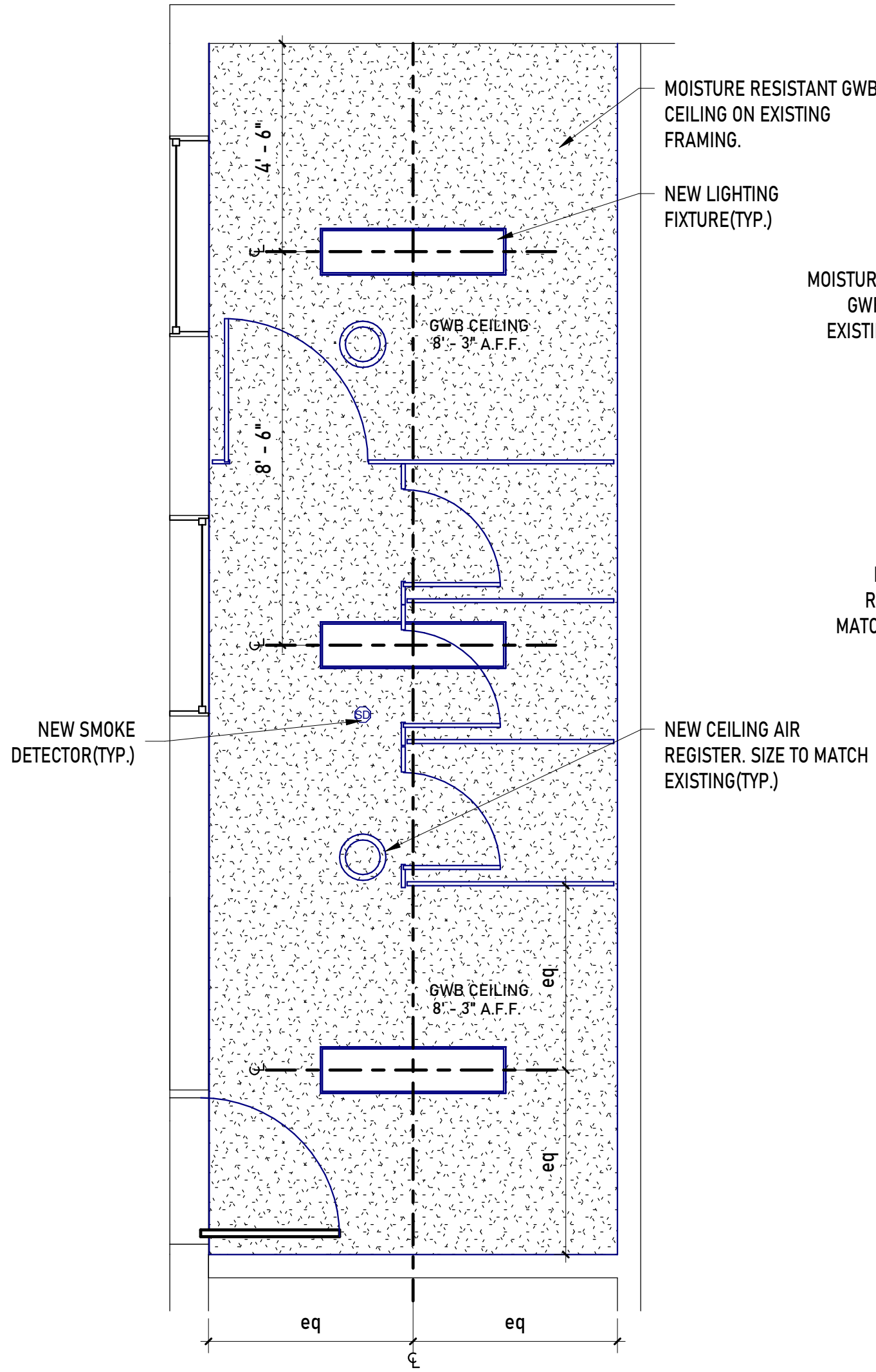
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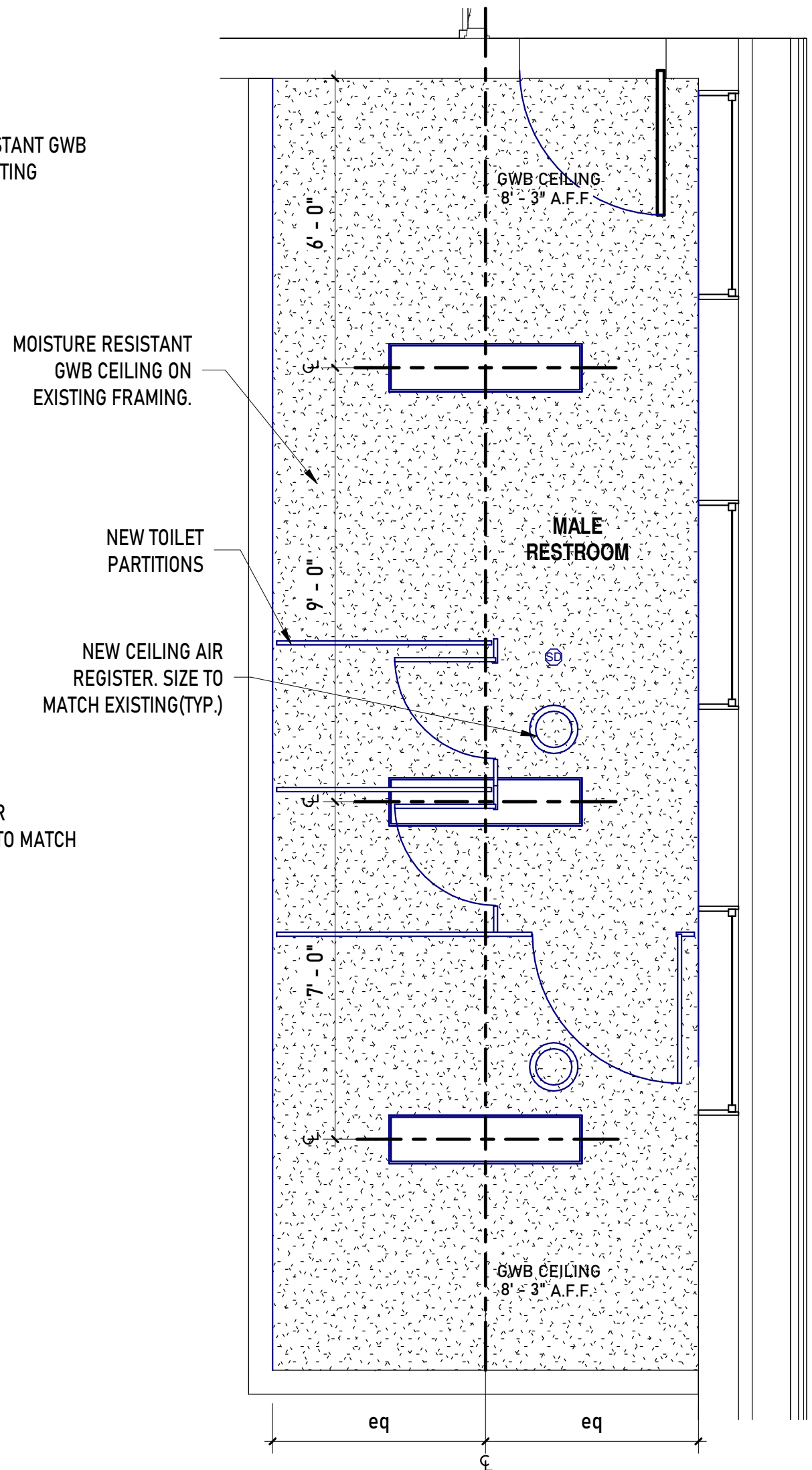
1 REFLECTED CEILING PLAN- DEMOLITION PLAN
1/8" = 1'-0"



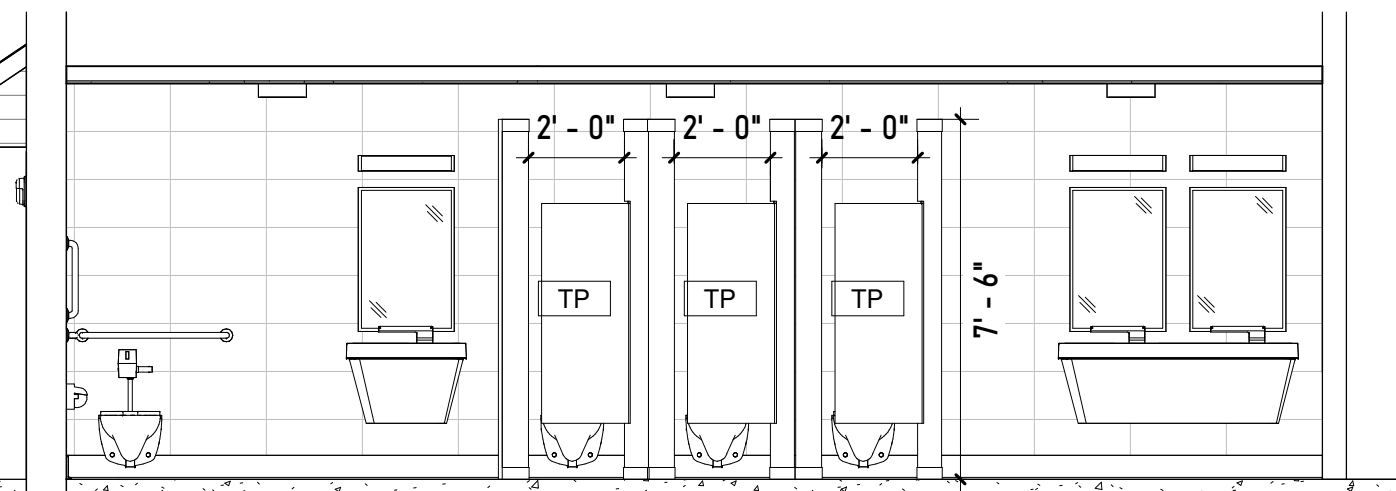
2 REFLECTED CEILING PLAN- CONSTRUCTION PLAN
1/8" = 1'-0"



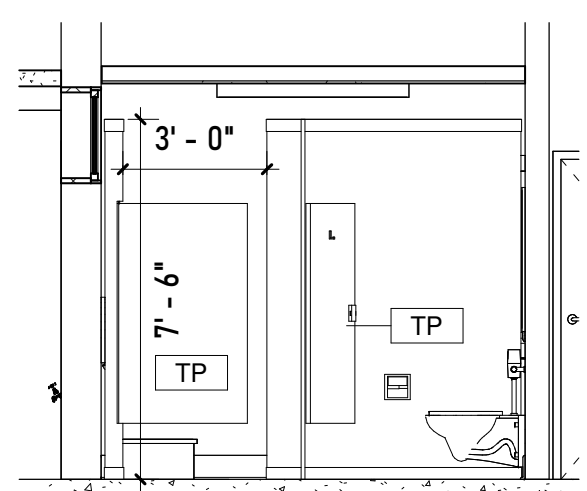
3 REFLECTED CEILING PLAN- FEMALE RESTROOM
3/8" = 1'-0"



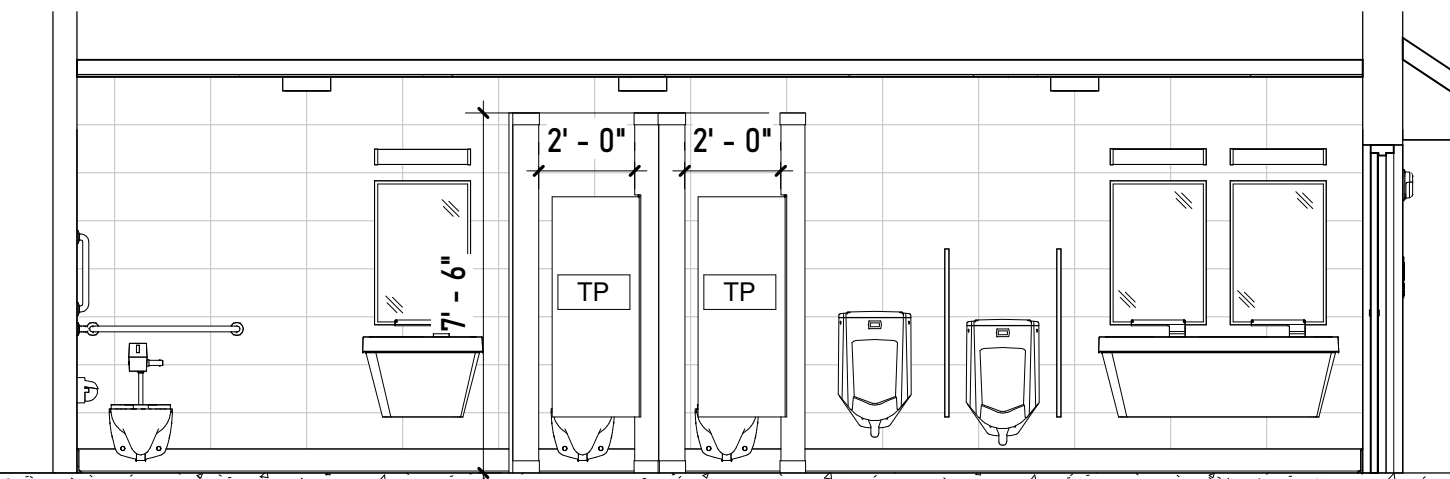
4 REFLECTED CEILING PLAN- MALE RESTROOM
3/8" = 1'-0"



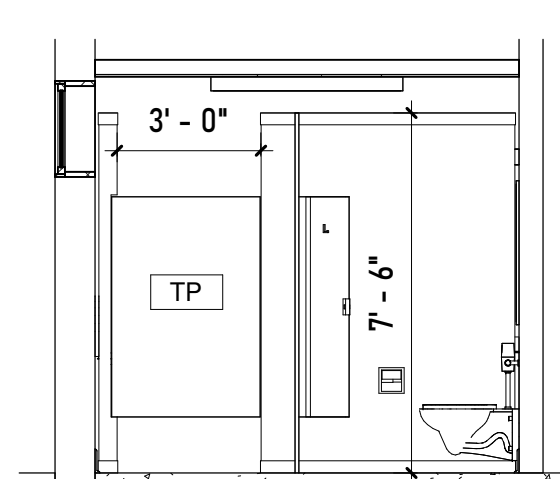
5 FEMALE RESTROOM ELEVATION- 1
1/4" = 1'-0"



6 FEMALE RESTROOM ELEVATION- 2
1/4" = 1'-0"



7 MALE RESTROOM INTERIOR ELEVATION- 1
1/4" = 1'-0"



8 MALE RESTROOM ELEVATION- 2
1/4" = 1'-0"

NEW FIXTURES LEGEND

- 1' x 4' CEILING LIGHT
- MECH. VENT
- SMOKE DETECTOR

DEMOLITION LEGEND

- EXISTING CEILING TO REMOVED. FRAMING TO REMAIN.
- EXISTING LIGHTING FIXTURE TO BE REMOVED.
- EXISTING MECH. VENT TO BE REMOVED.
- EXISTING SMOKE DETECTOR TO BE REMOVED.

CONSTRUCTION NOTES

NOTE	DESCRIPTION
E1	REBUILD THE SLOPED PENT ROOF IN ITS ENTIRETY. REFER DETAILS ON SHEET A6.
E2	INSTALL NEW 3' - 0" WIDE HOLLOW METAL DOOR &FRAME AS INDICATED.
E3	REPLACE THE SERVICE CONDUIT ALL THE WAY TO THE ELECTRIC METER. SEE ELECTRICAL NOTES.
E4	INSTALL A NEW DOWNSPOUT AS INDICATED.
E5	SEAL THE WINDOW OPENING WITH A METAL PANEL. REFER TO DETAILS ON SHEET A6.
E6	RELOCATE THE EXISTING LIGHT FIXTURE AT THE PROPOSED LOCATION.
E7	REPAIR/REPLACE THE METAL FASCIA AND THE SOFFIT WHEREVER REQUIRED.
E8	INSTALL A NEW STEEL LINTEL AS INDICATED. REFER TO DETAILS ON SHEET A6.
E9	REPLACE THE DOWNSPOUTS AS INDICATED.
E10	INSTALL NEW LEDs AS INDICATED.

DEMOLITION NOTES

NOTE	DESCRIPTION
D1	REMOVE ALL WALL TILES, G.W.B. ETC., IN THEIR ENTIRETY AND PREPARE THE WALL SURFACE TO RECEIVE NEW WALL TILES AND M.R. G.W.B.
D2	REMOVE PLUMBING FIXTURES IN THEIR ENTIRETY.
D3	REMOVE TOILET STALLS AND ACCESSORIES IN THEIR ENTIRETY.
D4	REMOVE DOOR FRAME AND HARDWARE AND ENLARGE OPENING FOR INSTALLATION OF 3' - 0" WIDE DOOR IN METAL FRAME.
D5	REMOVE THE EXISTING WINDOW TO ACCOMODATE THE NEW DOOR.
D6	REMOVE EXISTING LIGHT FIXTURES.
D7	DEMOLSH EXISTING CONCRETE WALK.
D8	REMOVE G.W.B. CEILING, LEAVE FRAMING INTACT IN SO FAR AS POSSIBLE.
D9	REMOVE EXISTING LIGHT FIXTURES, MECH. VENTS AND SMOKE DETECTORS IN THEIR ENTIRETY; CONDUIT AND WIRING TO BE REUSED IF IN GOOD CONDITION.
R1	REMOVE AND REUSE THE LIGHT FIXTURE AS INDICATED. REFER TO PROPOSED PLAN AND ELEVATION.

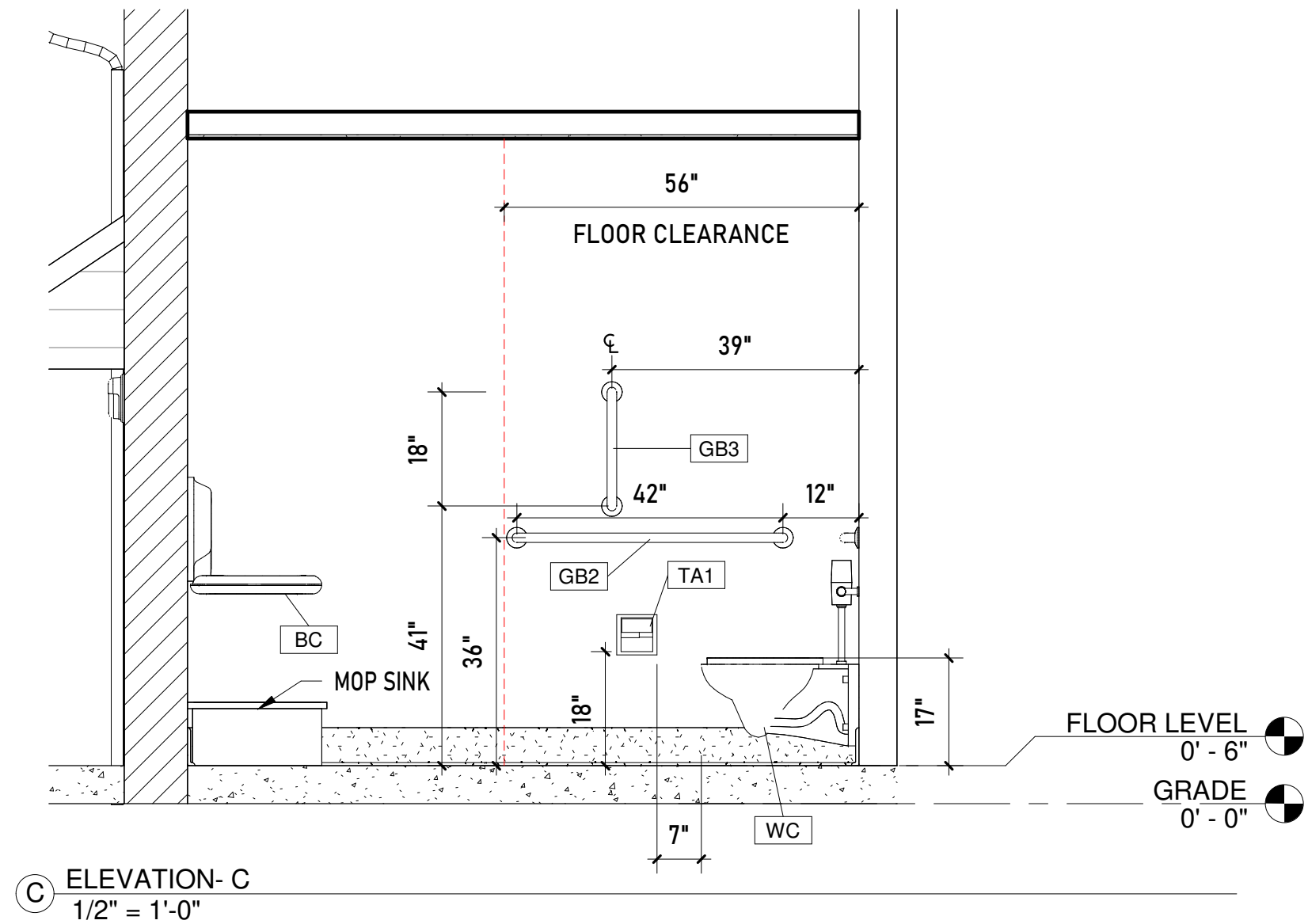
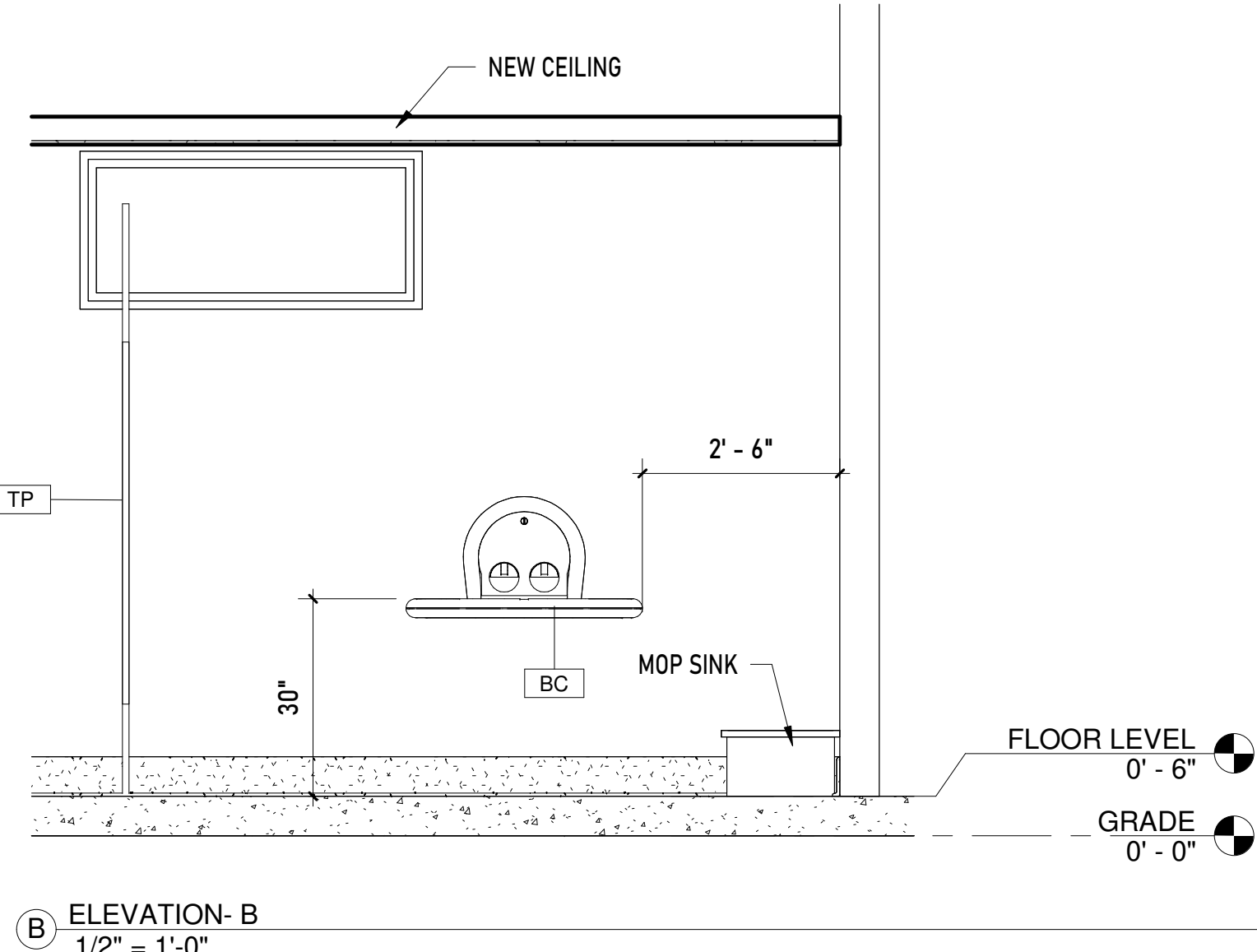
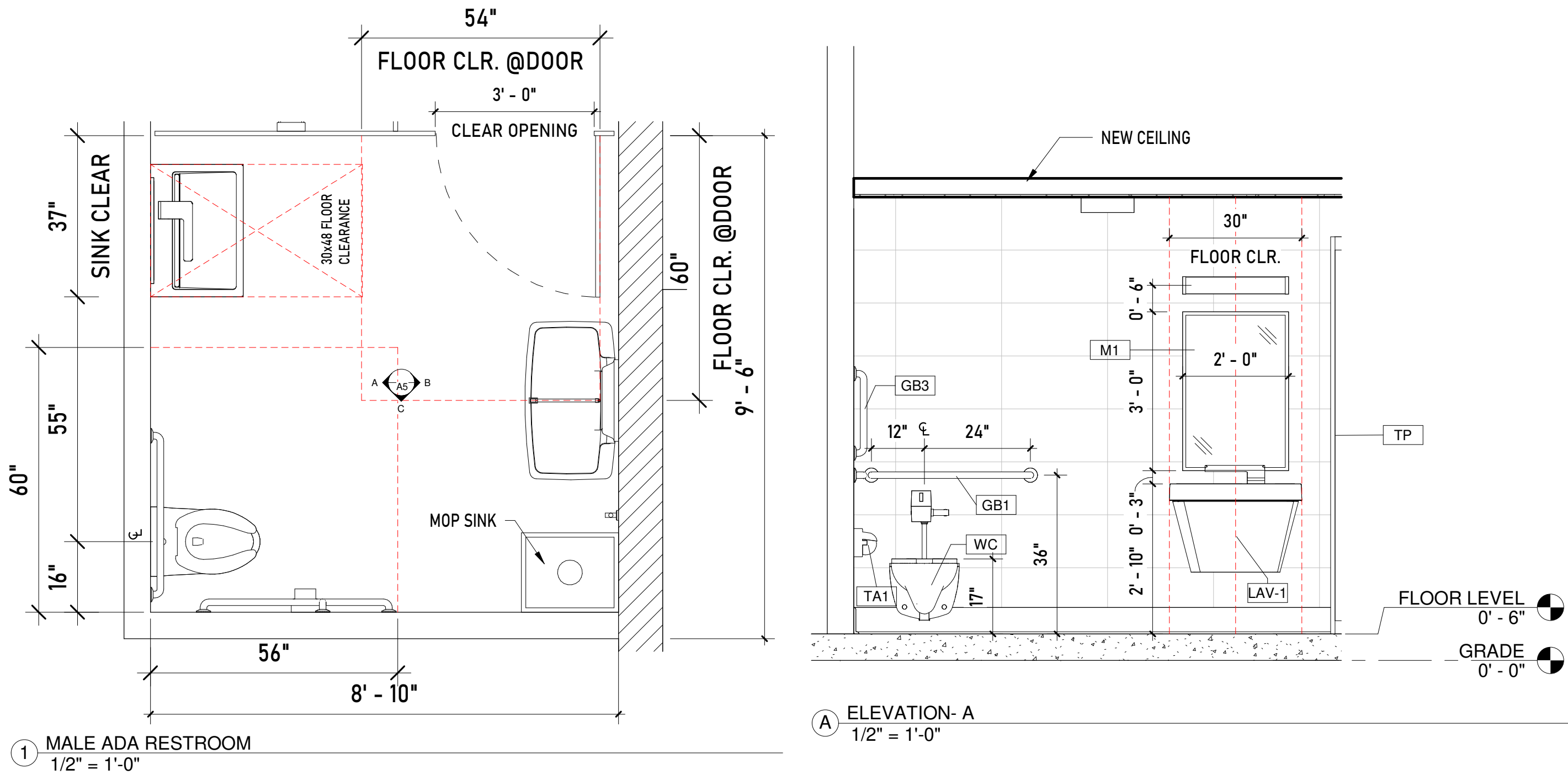
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REFLECTED
CLG. PLANS
&INT. ELEVs

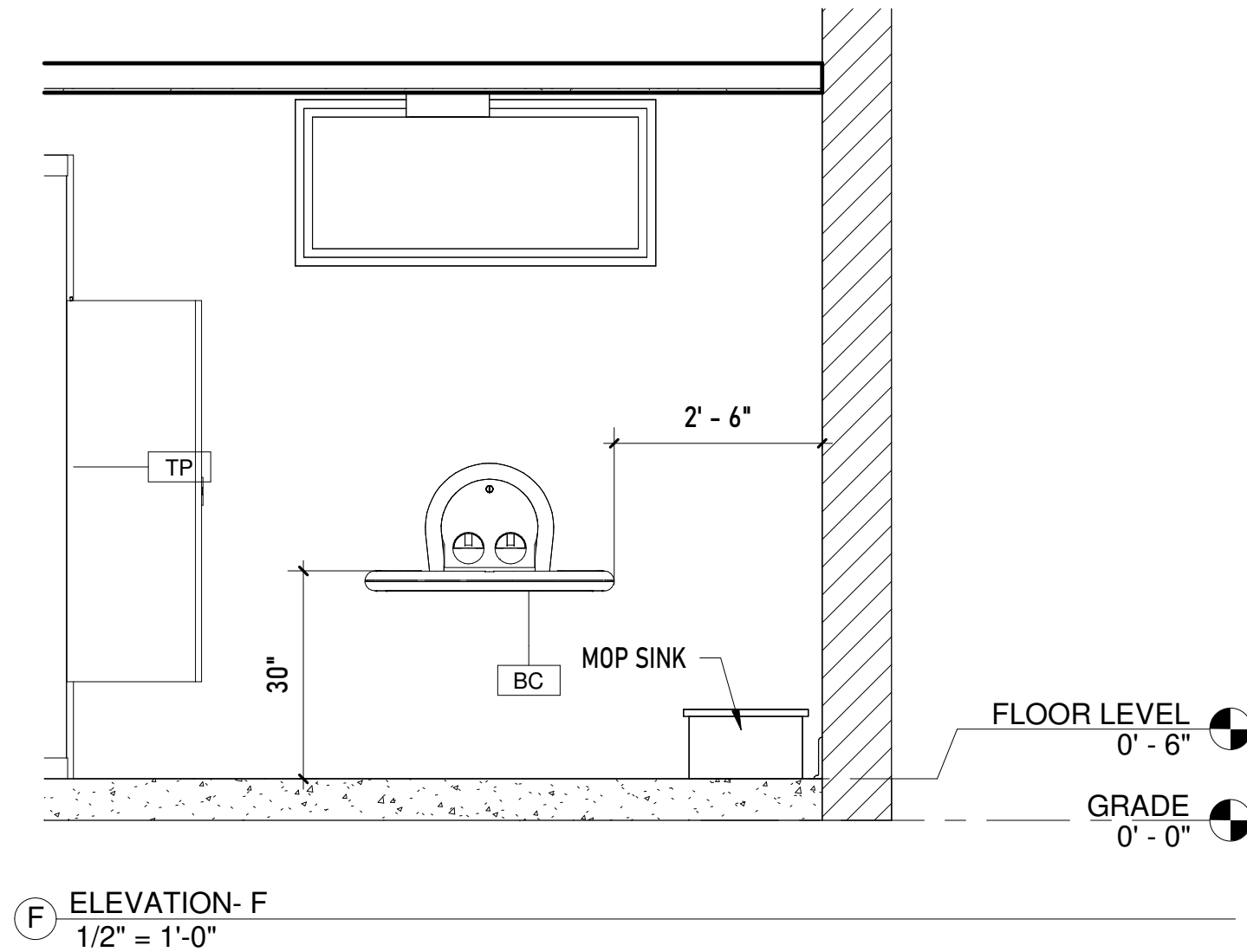
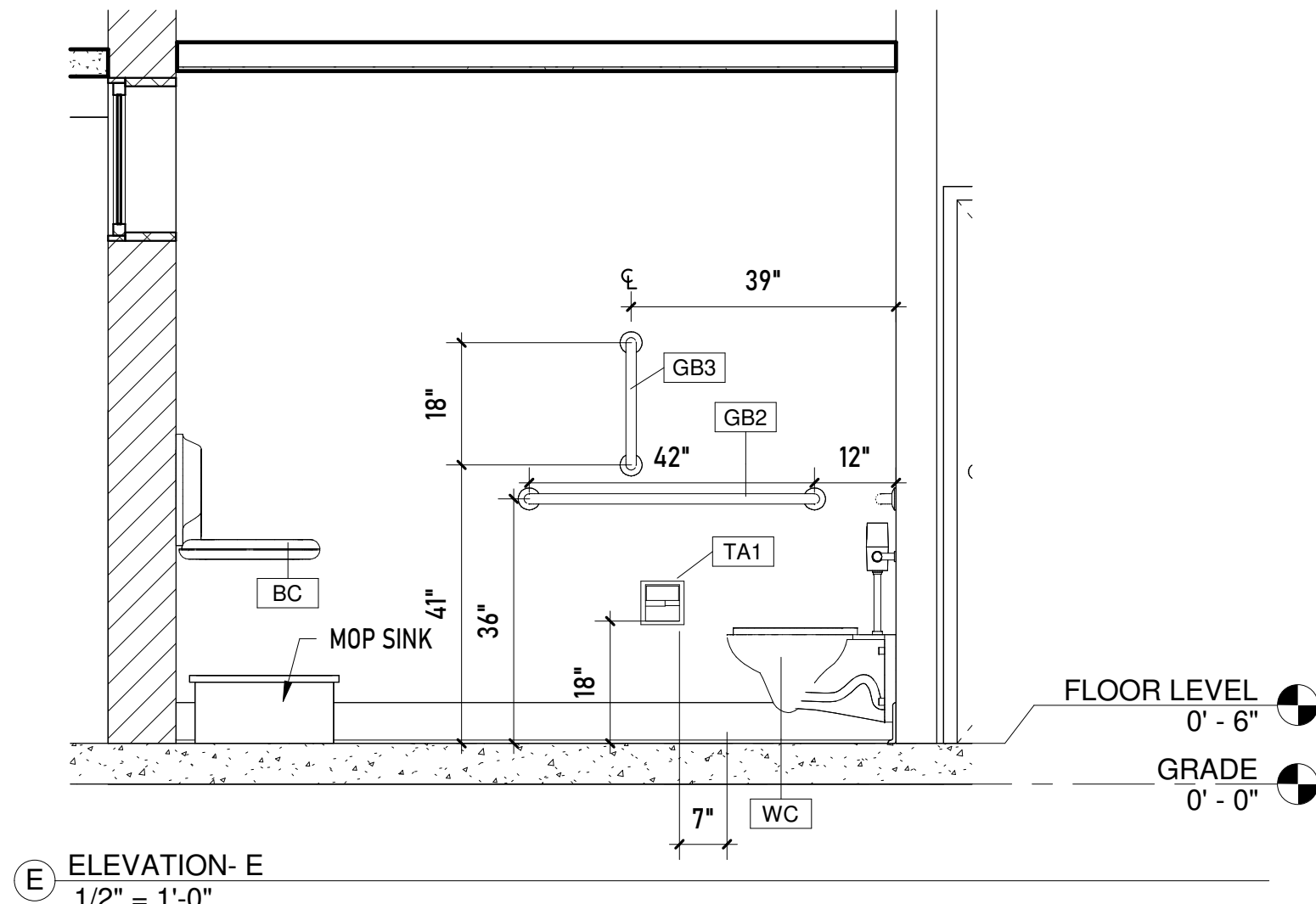
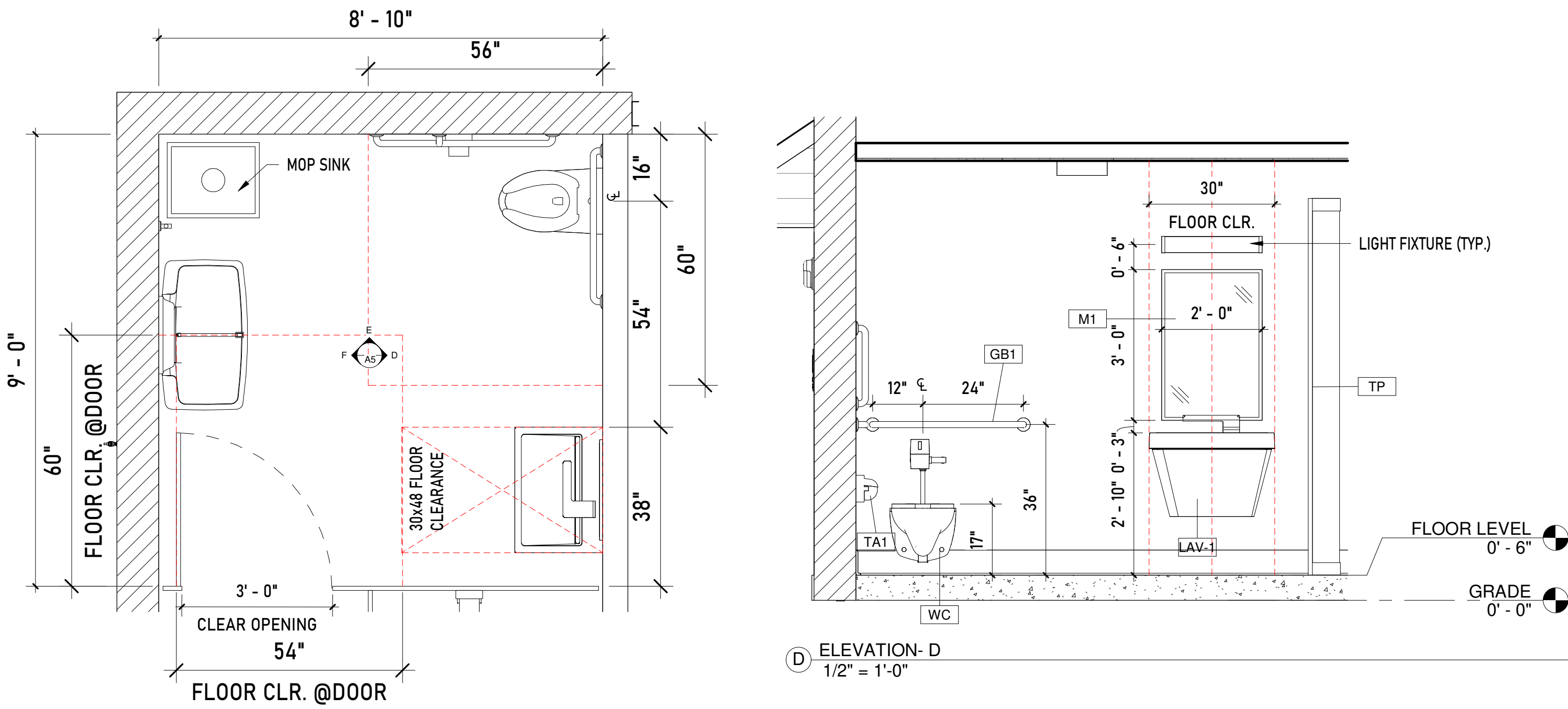
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A4

MALE- ADA RESTROOM



FEMALE- ADA RESTROOM



CLAYTON PARK

CONCORD TOWNSHIP PA



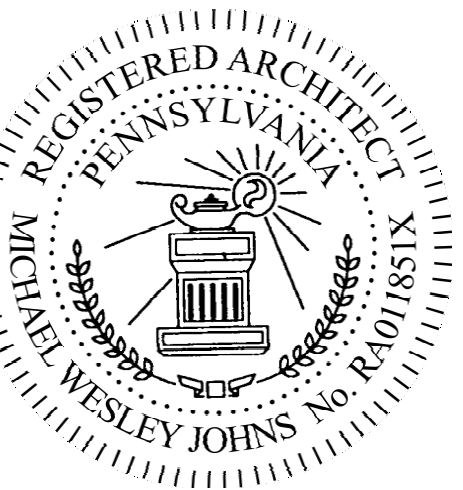
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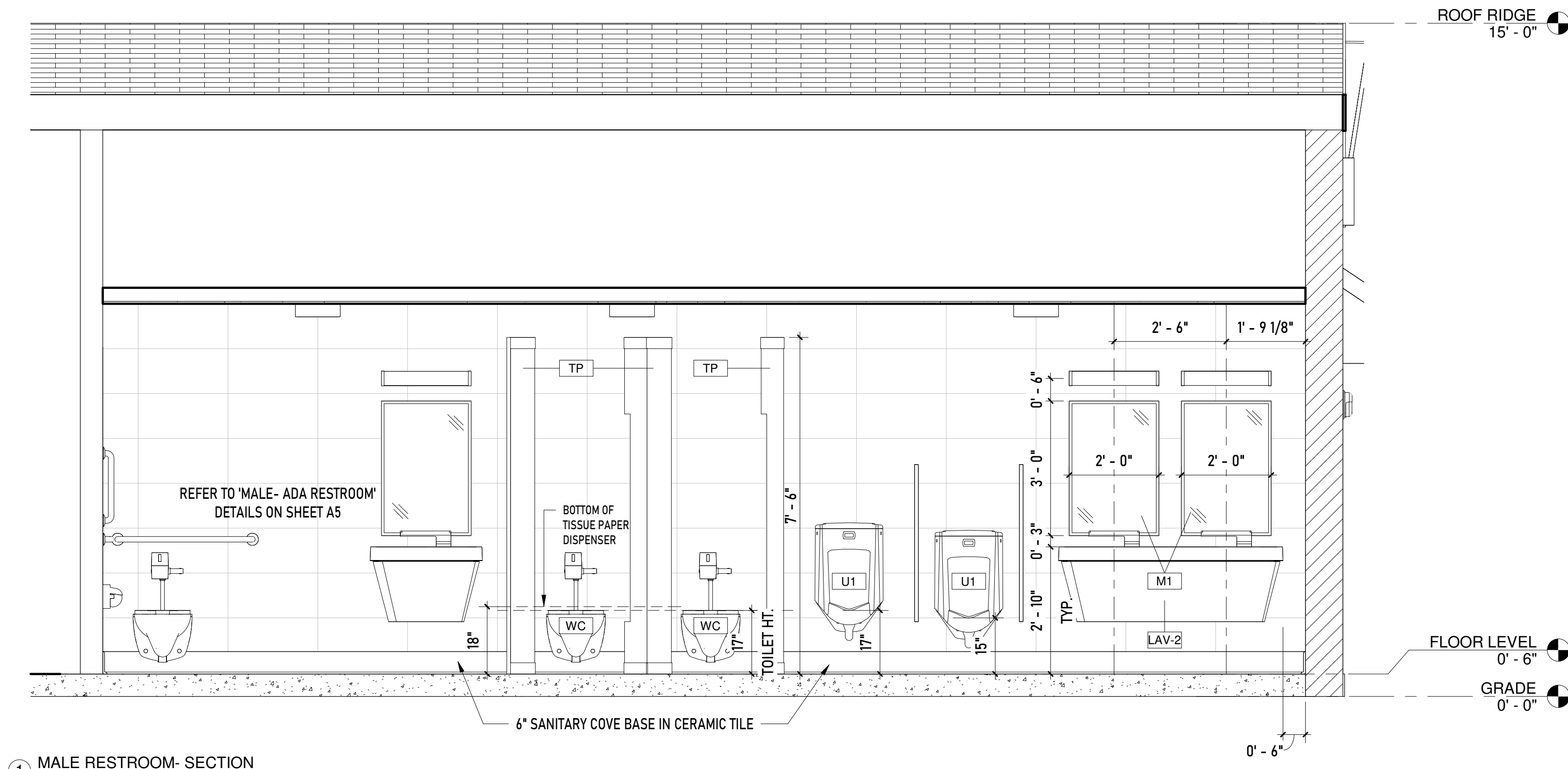


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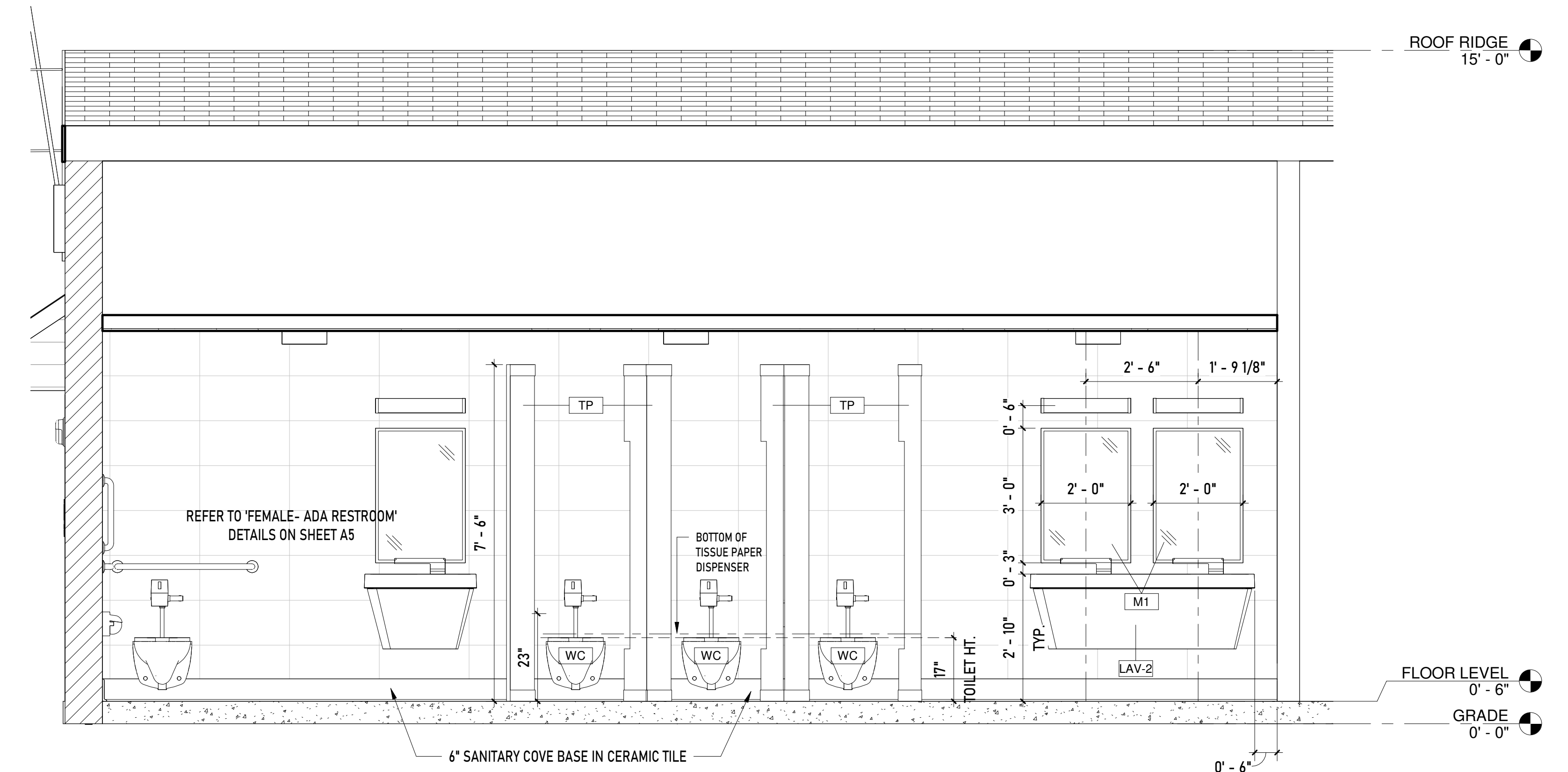
Mark	Revisions	Date
PROJECT #	Project Number	
DRAWN BY	Author	
CHECKED BY	Checker	
DATE	07-07-2024	

BID SET
HC RESTROOM
PLANS
&ELEVATIONS
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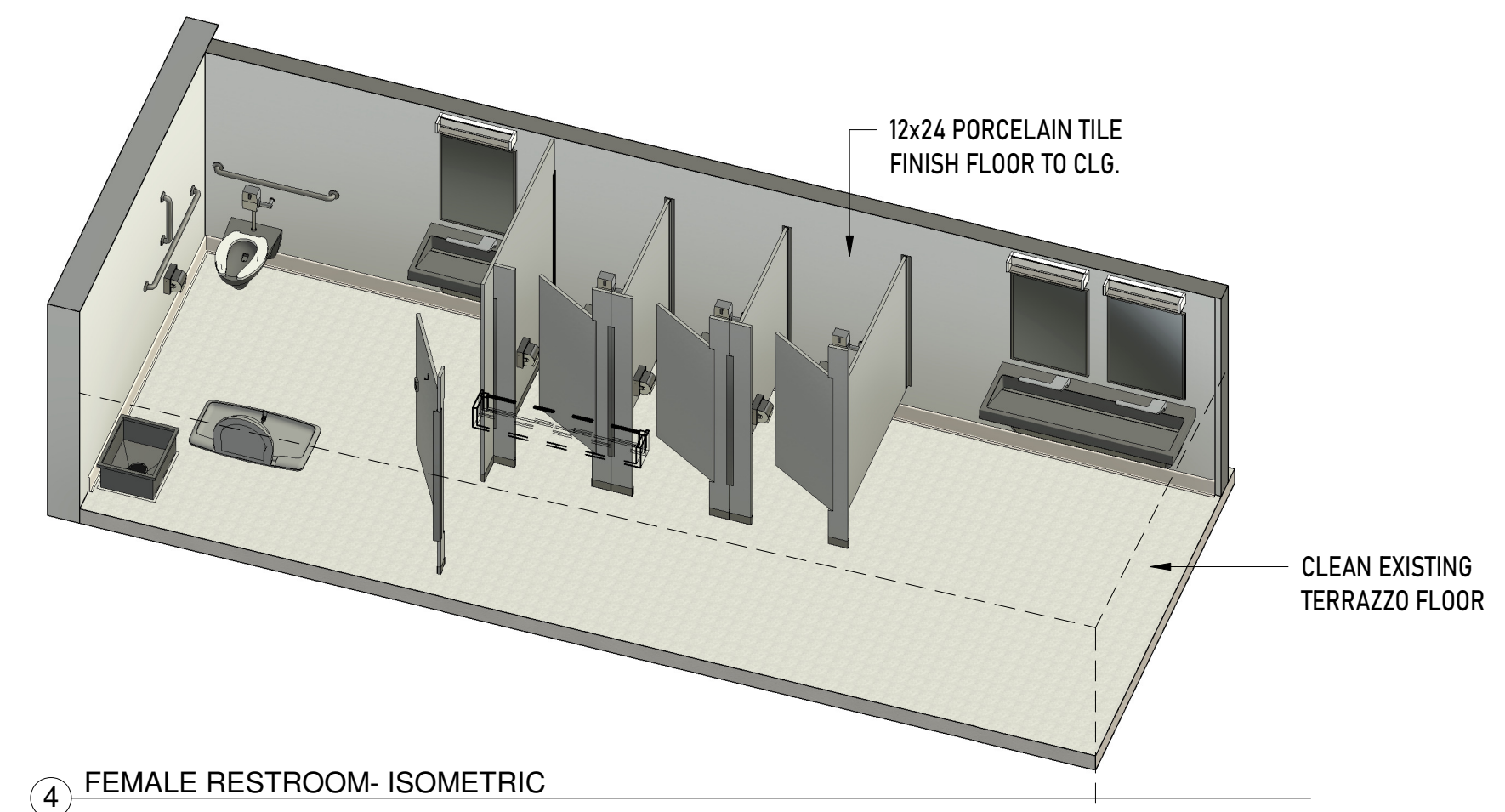
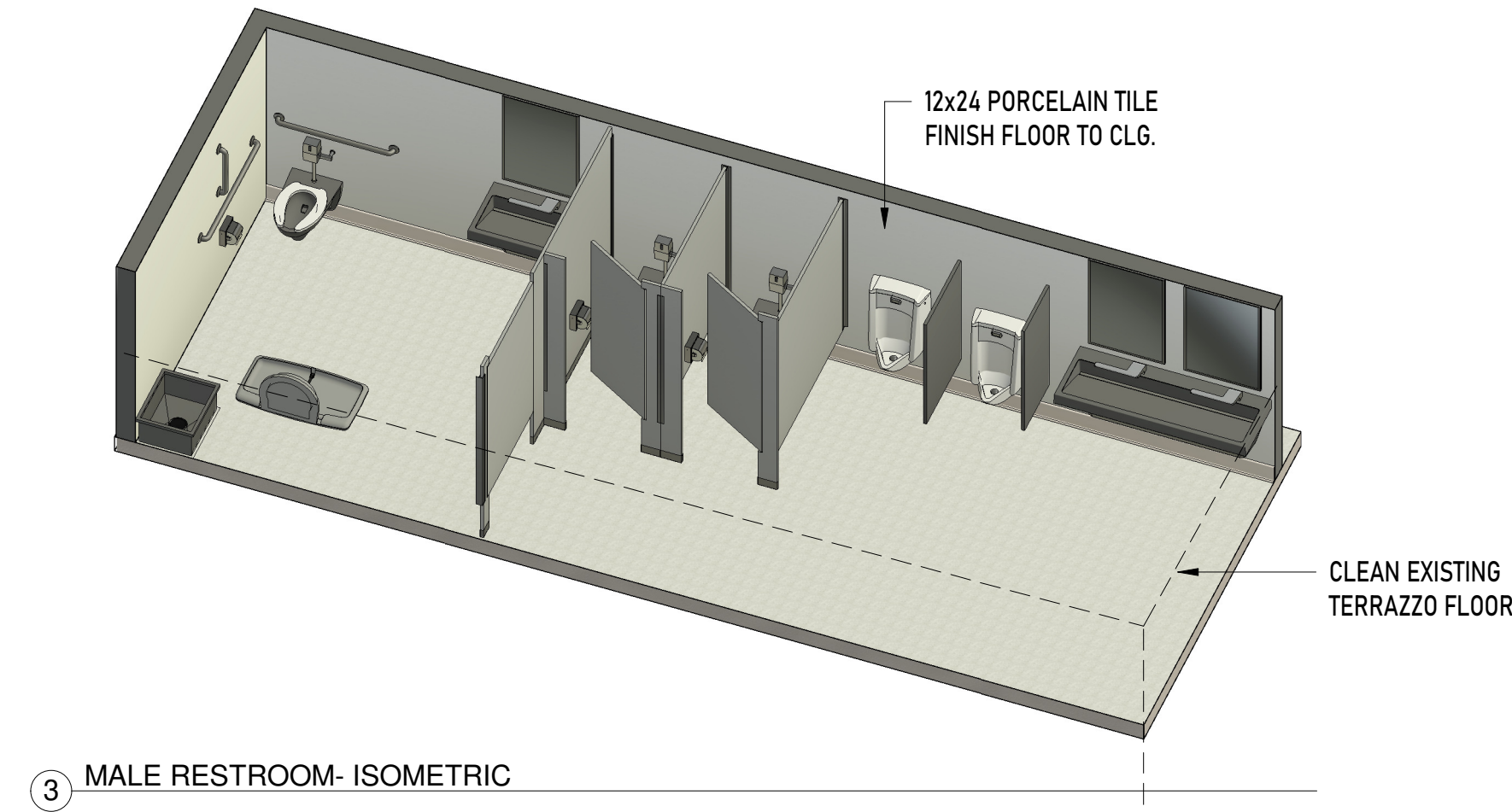
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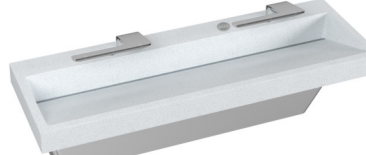






1 MALE RESTROOM- SECTION
1/2" = 1'-0"



2 FEMALE RESTROOM- SECTION
1/2" = 1'-0"



ACCESSORIES & FIXTURE SCHEDULE						
ITEM NO.	IMAGE	DESCRIPTION	MANUFACTURER	MODEL NO.	TAG	QUANTITY
01		1 1/2" Diameter Stainless Steel Grab Bars with Concealed Flange. ADA compliant.	BOBRICK	9806x36	GB1	2 N0s
					GB2	2 N0s
					GB3	2 N0s
02		Surface-Mounted Hinged Hood Single Roll Toilet Paper Dispenser	BRADLEY	5106	TA1	7 N0s
03		KB300-SS Baby Changing Station-Surface Mounted	BOBRICK	KB300-SS	BC	2 N0s
05		Verge with WashBar WB2 2-Station	BRADLEY	LVQD2	LAV-2	2 N0s
06		Verge with WashBar WB2 1-Station	BRADLEY	LVQD1	LAV-1	2 N0s
07		Welded-Frame Mirror	BOBRICK	B-290 2436	M1	6 N0s
08		Washbrook FloWise Universal Urinal	AMERICAN STANDARD	6515.001	U1	2 N0s
09		Afwall Millenium FloWise Elongated Flushometer Toilet	AMERICAN STANDARD	2633.101	WC	7 N0s
10		Floor-to-Ceiling Restroom Partitions	BRADLEY	700	TP	-

CLAYTON PARK

CONCORD TOWNSHIP PA



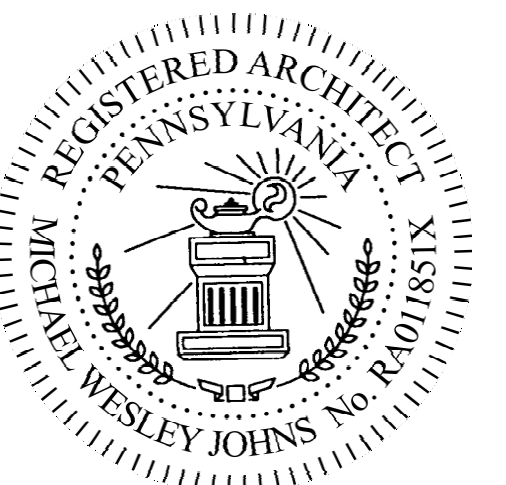
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Mark Revisions Date
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CHECKED BY Checker

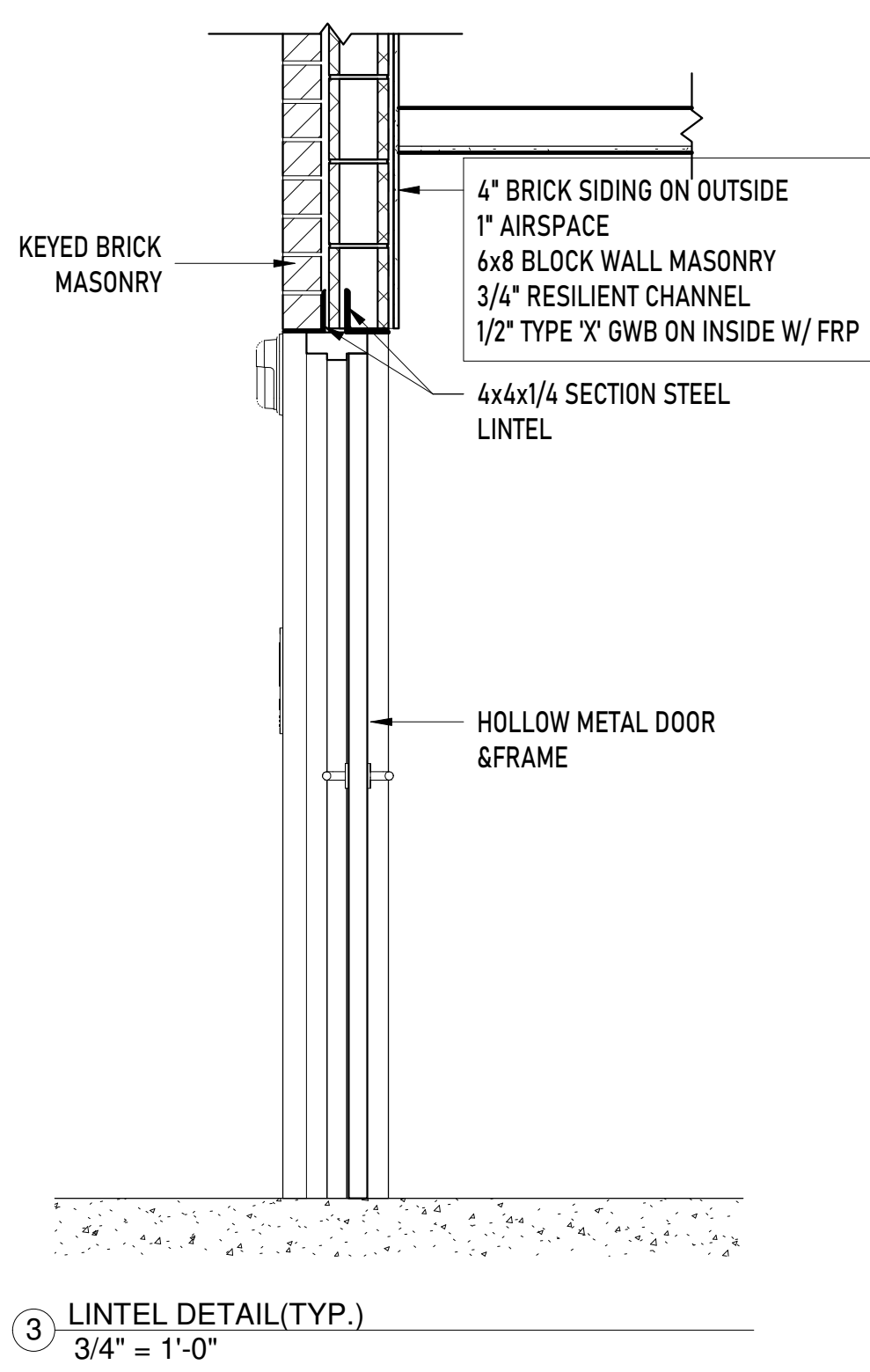
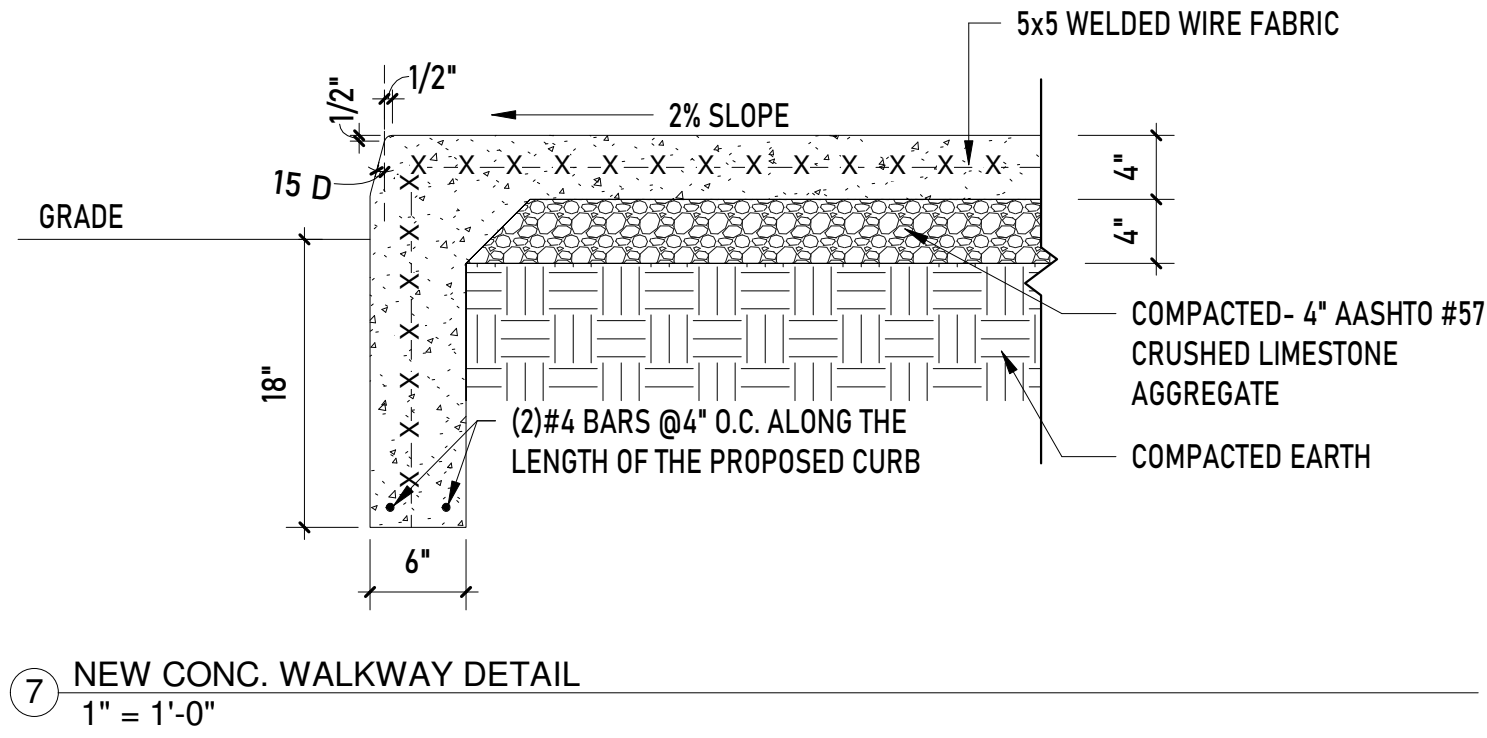
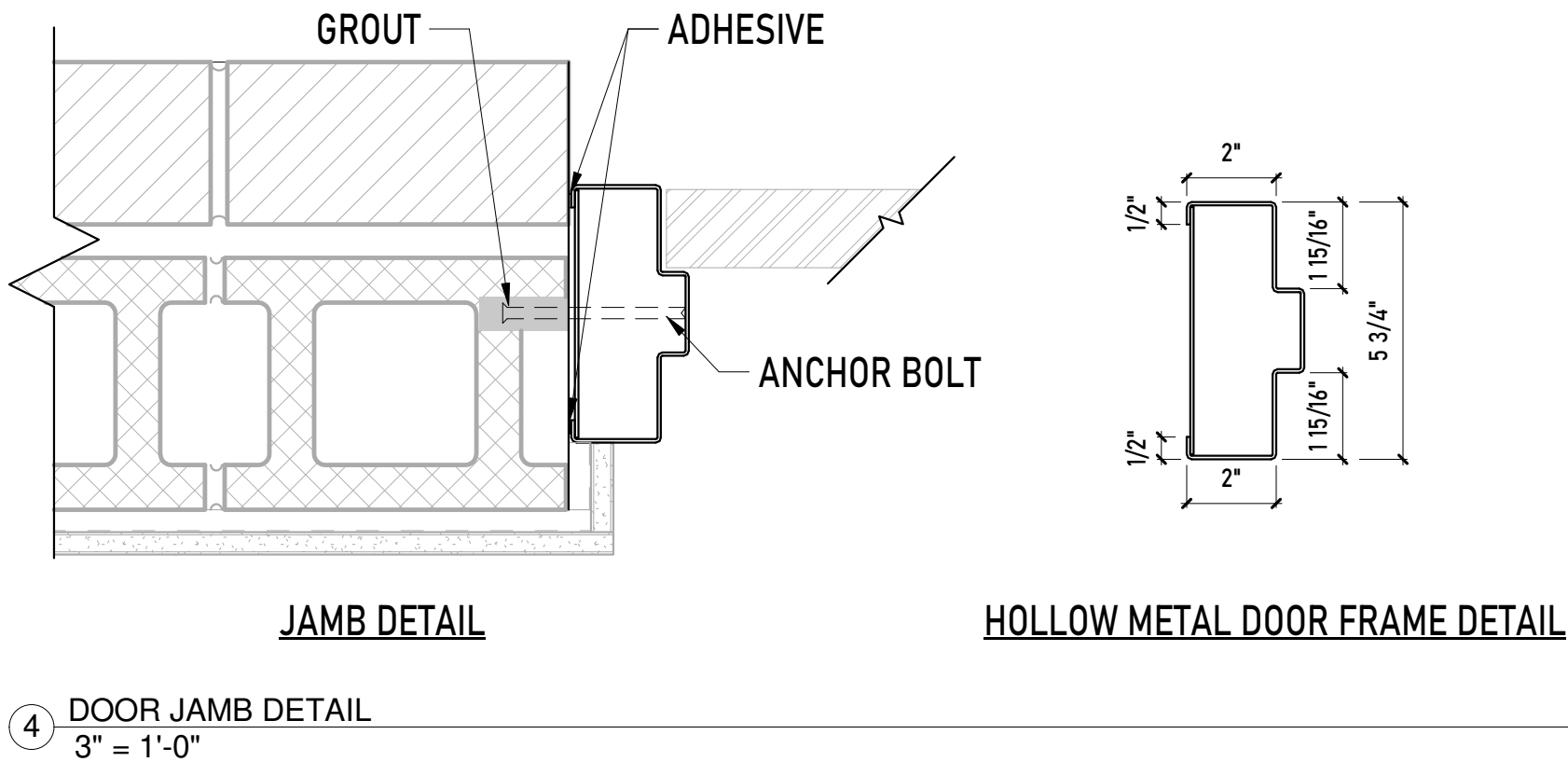
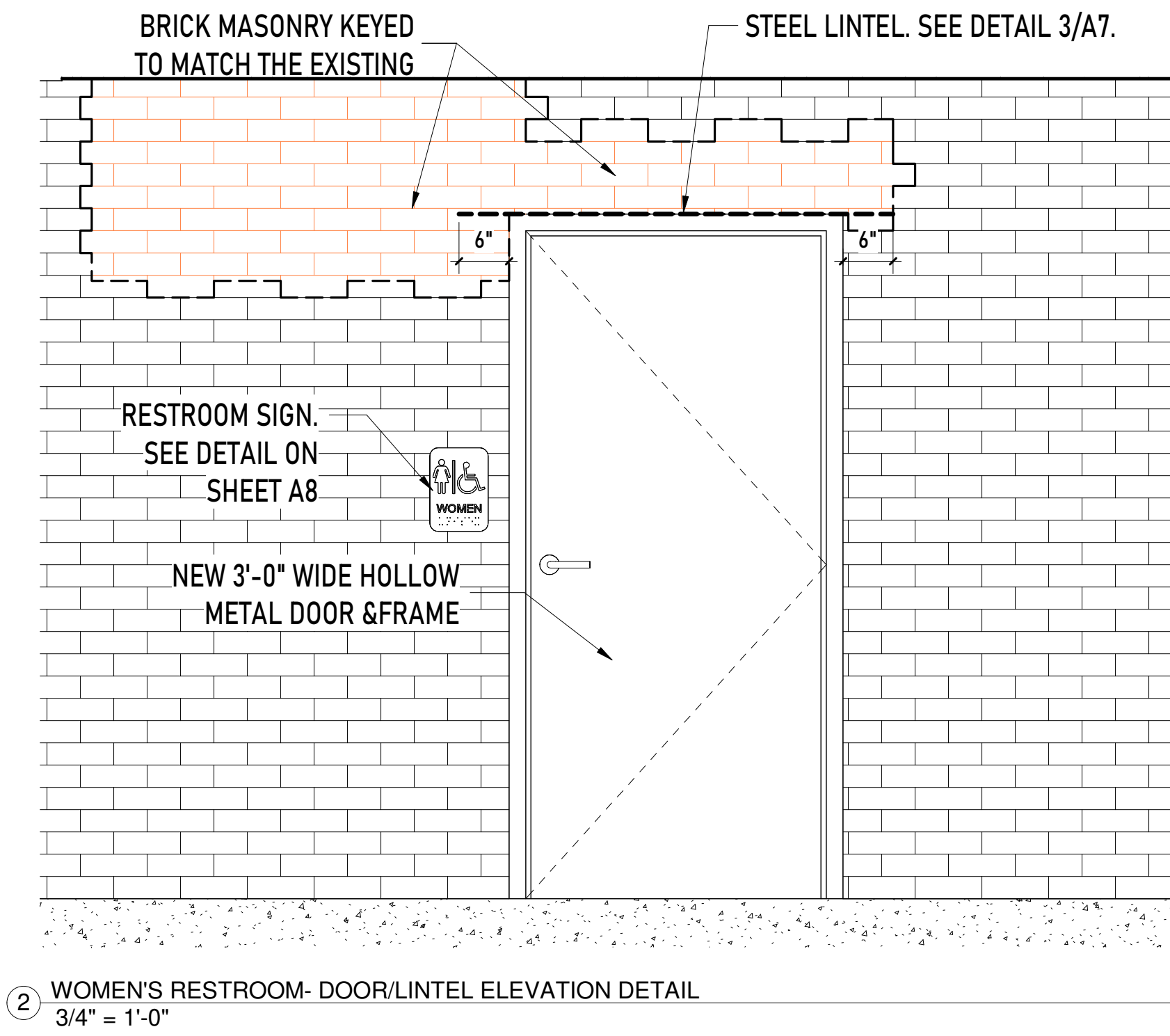
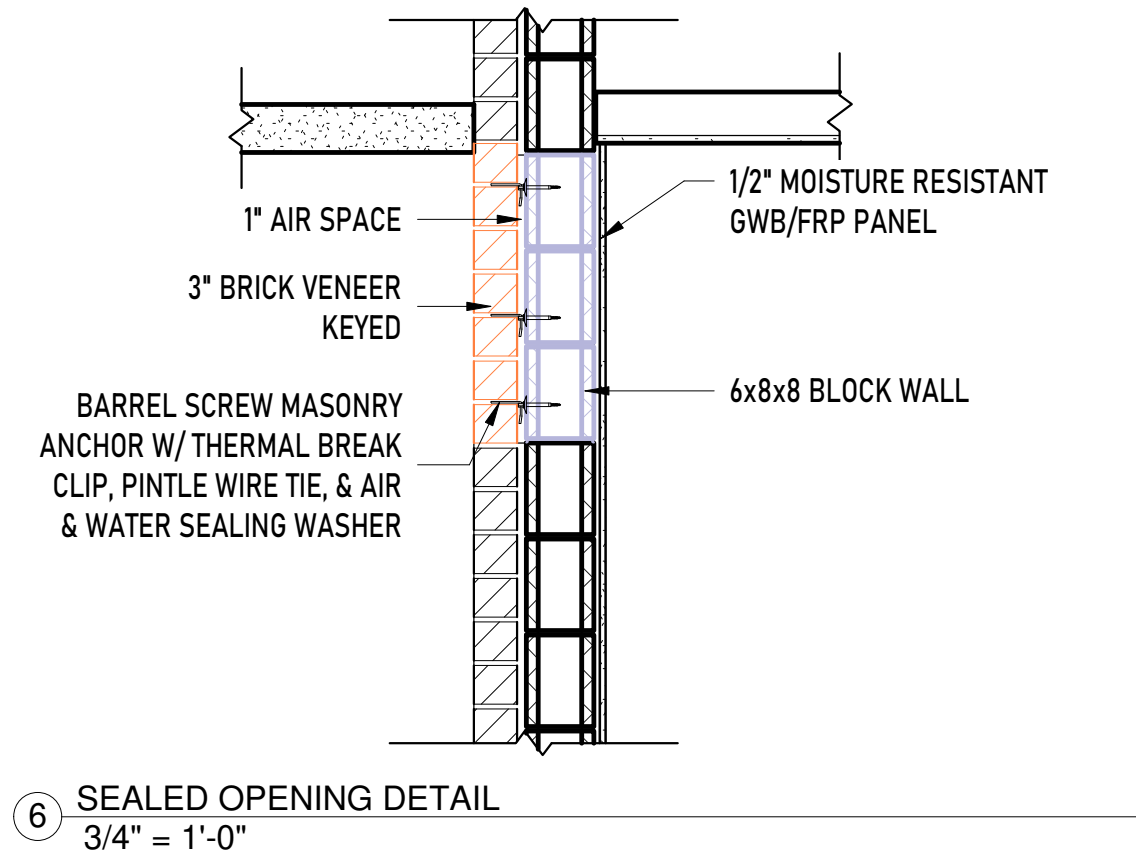
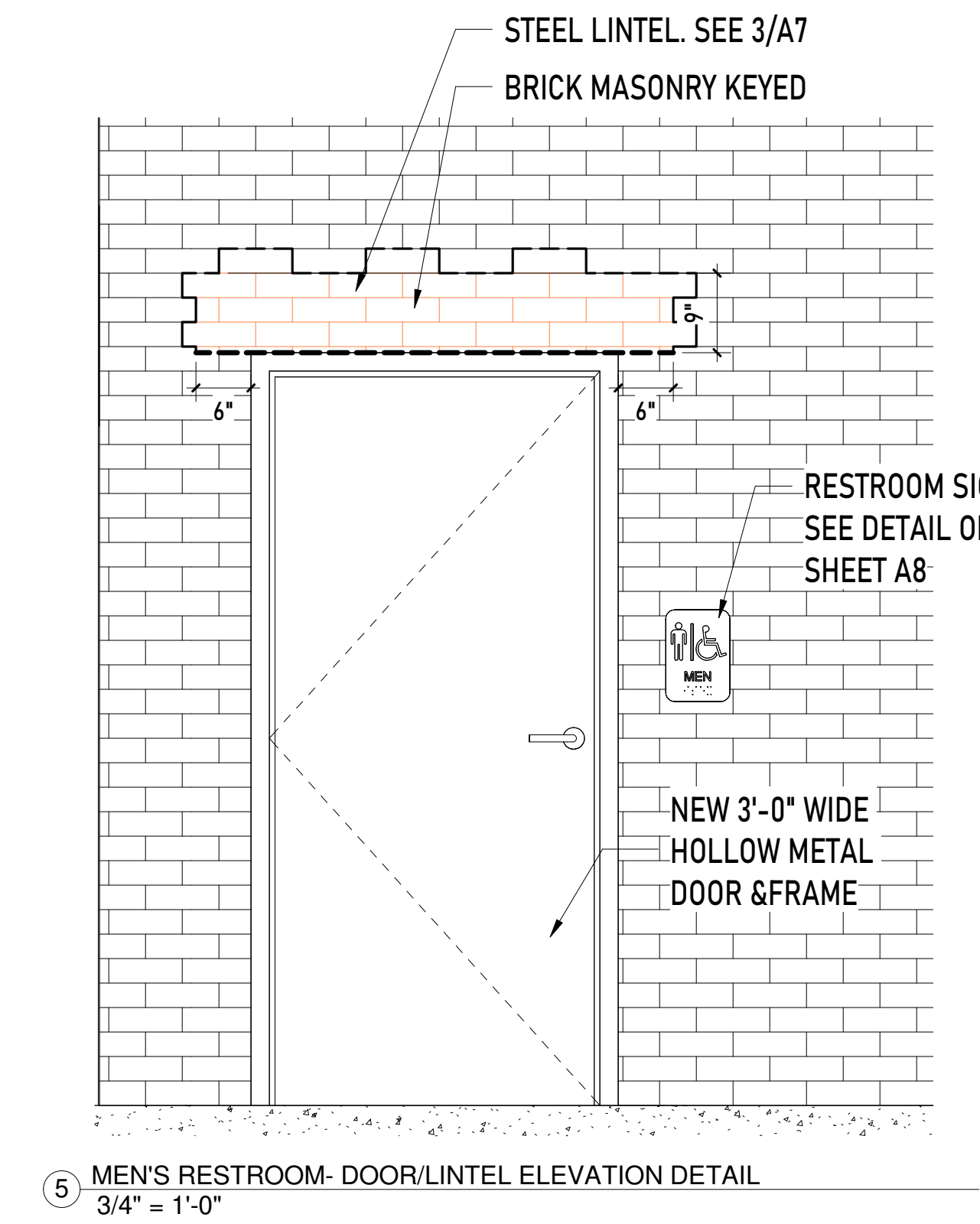
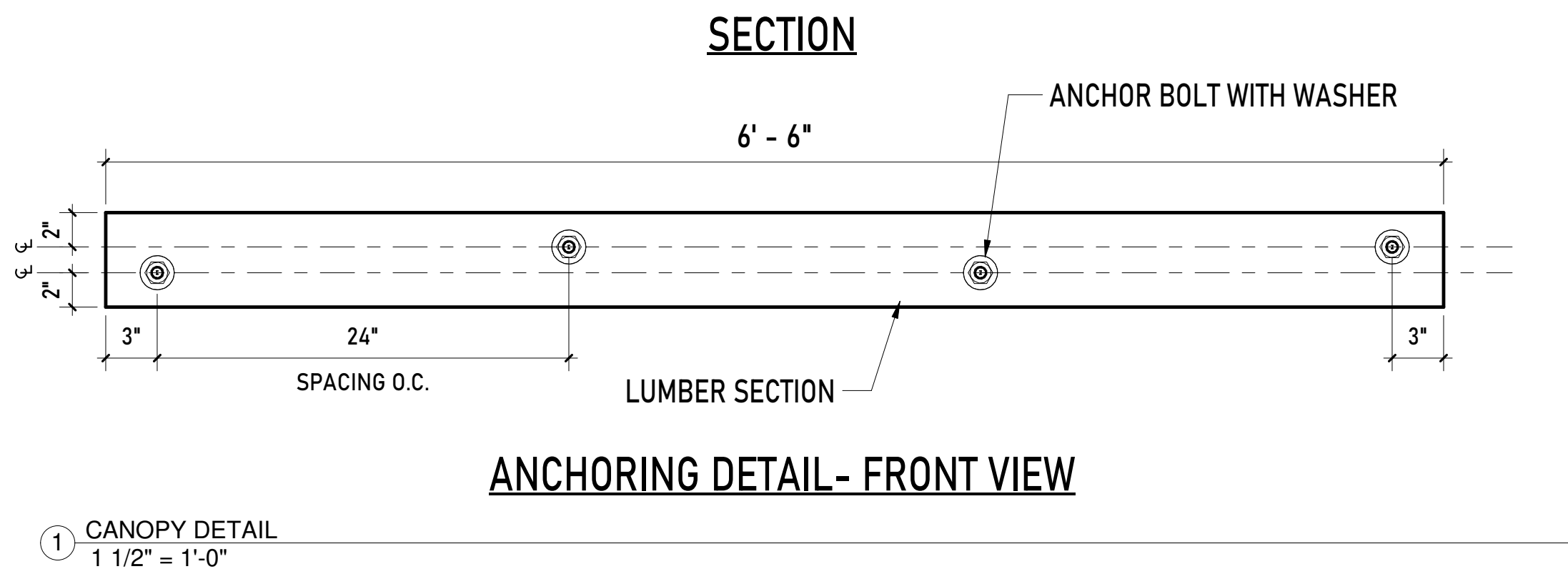
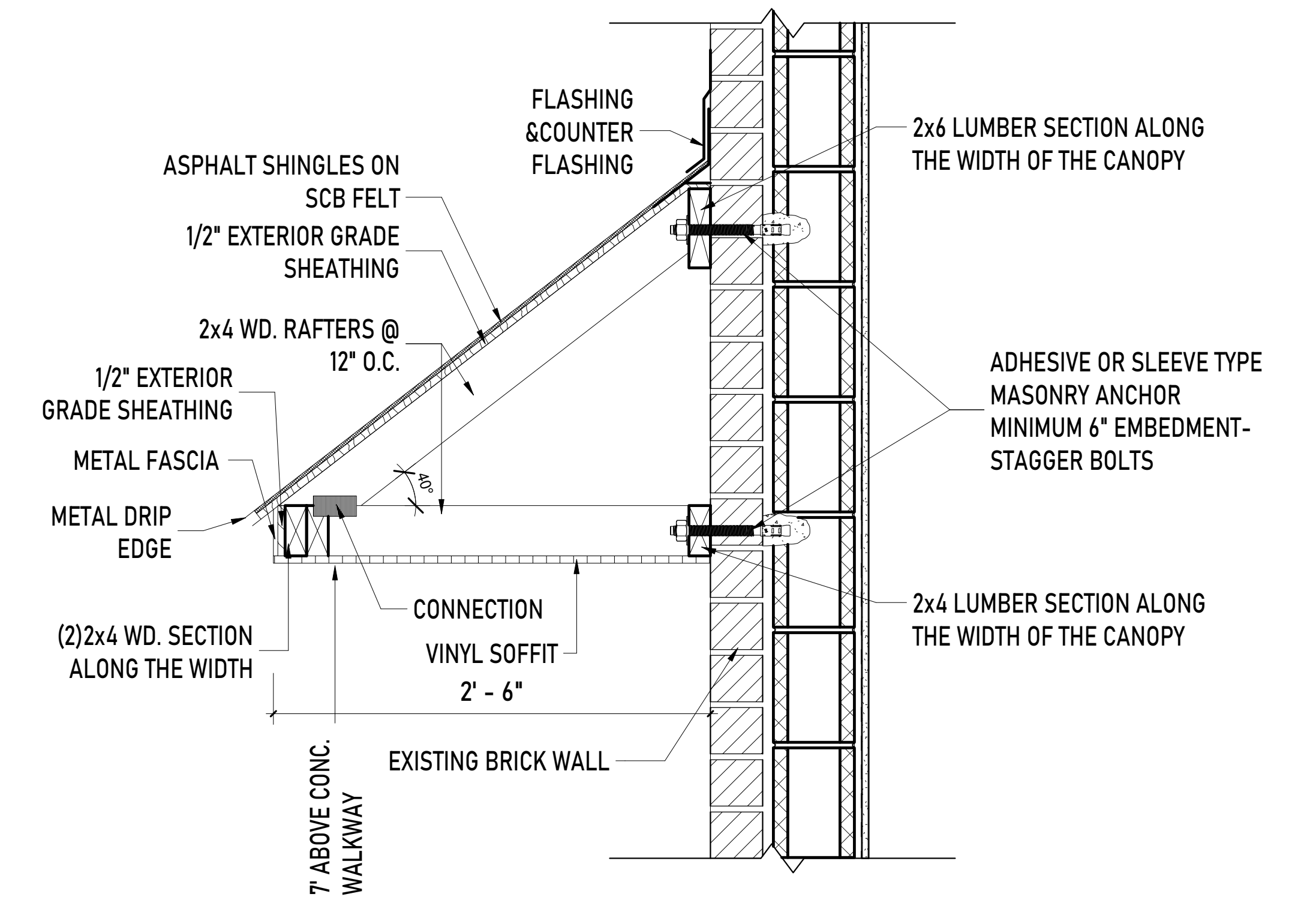
DATE 07-07-2024

BID SET

SECTIONS
& SCHEDULES

DRAWING TITLE

A6



CLAYTON PARK

CONCORD TOWNSHIP PA

OWNER

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MDESIGNS + MWJ CONSULTING LLC

ARCHITECTURE PLANNING DEVELOPMENT

SEAL:

Mark	Revisions	Date
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DETAILS

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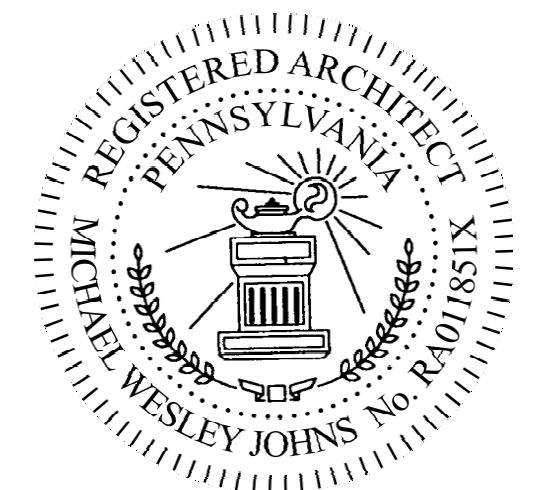
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CONCORD TOWNSHIP PA



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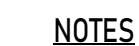
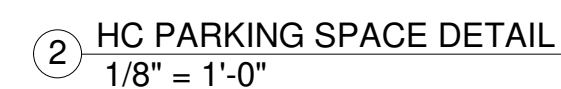
DETAILS

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Site plan showing proposed ramp, existing parking lot, and building porch. Key dimensions and features include:

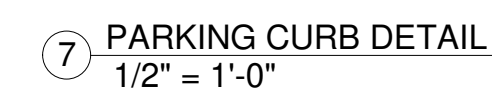
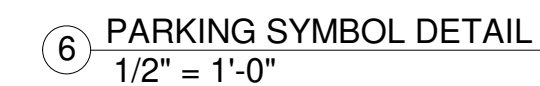
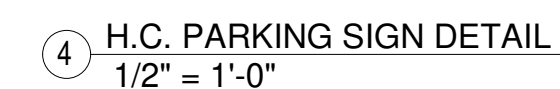
- Proposed Ramp:** 5' - 0" wide ramp with a 5% slope.
- Existing Parking Lot:** Located to the north of the ramp.
- Existing Restroom Building Porch:** Located to the east of the ramp.
- Dimensions and Radii:**
 - Horizontal dimensions: 50' - 1", 7' - 5 1/2", 17' - 2 3/4", 18' - 3".
 - Vertical dimensions: 36' - 5", 36' - 5 3/4", 5' - 0", 29' - 11 1/2", 11' - 10 1/4", 5' - 7 3/4", 42' - 10 1/2", 64' - 5 1/4", 63' - 6 3/4", 44' - 3", 40' - 0", 18' - 10 1/4", 18' - 10 1/4", 94' - 5", 99' - 5", 94' - 5", 131' - 6 3/4", 136' - 6 3/4", 131' - 6 3/4", 34' - 10 1/2", 39' - 10 1/2", 34' - 10 1/2".
 - Radii: R 34' - 10 1/2", R 39' - 10 1/2", R 34' - 10 1/2", R 131' - 6 3/4", R 136' - 6 3/4", R 131' - 6 3/4", R 94' - 5", R 99' - 5", R 94' - 5", R 18' - 10 1/4", R 18' - 10 1/4", R 40' - 0", R 40' - 0".

1 PROPOSED RAMP DETAIL
1" = 10'-0"



1. CONTRACTOR SHALL PLACE CONTROL JOINTS AT INTERVALS EQUAL TO THE PAVEMENT WIDTH NOT TO EXCEED 12'.
2. EXPANSION JOINTS SHALL BE INSTALLED AT 50' MAXIMUM INTERVALS.
3. CURING SHALL BE BY ABSORPTIVE COVER, MOISTURE-RETAINING COVER, OR APPROVED CURING COMPOUND. CONTRACTOR SHALL SUBMIT PROPOSED CURING METHOD TO OWNER FOR APPROVAL PRIOR TO CONCRETE INSTALLATION.
4. APPLY WATER BASED 40% SILANE PENETRATING SEALER AFTER A MINIMUM OF 28 DAYS PER MANUFACTURERS RECOMMENDATIONS.
5. PROVIDE MINIMUM CROSS-SLOPE OF 1.5% TO MAXIMUM CROSS SLOPE OF 2%.
6. FIBERMESH DOSAGE RATE SHALL BE SPECIFIED IN CONCRETE MIX DESIGN SUBMITTED BY CONTRACTOR.

③ CONCRETE WALK DETAIL
1" = 1'-0"



CLAYTON PARK

CONCORD TOWNSHIP PA



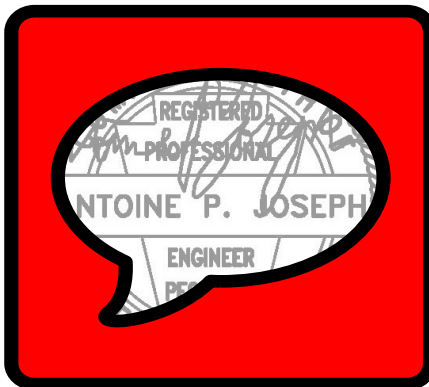
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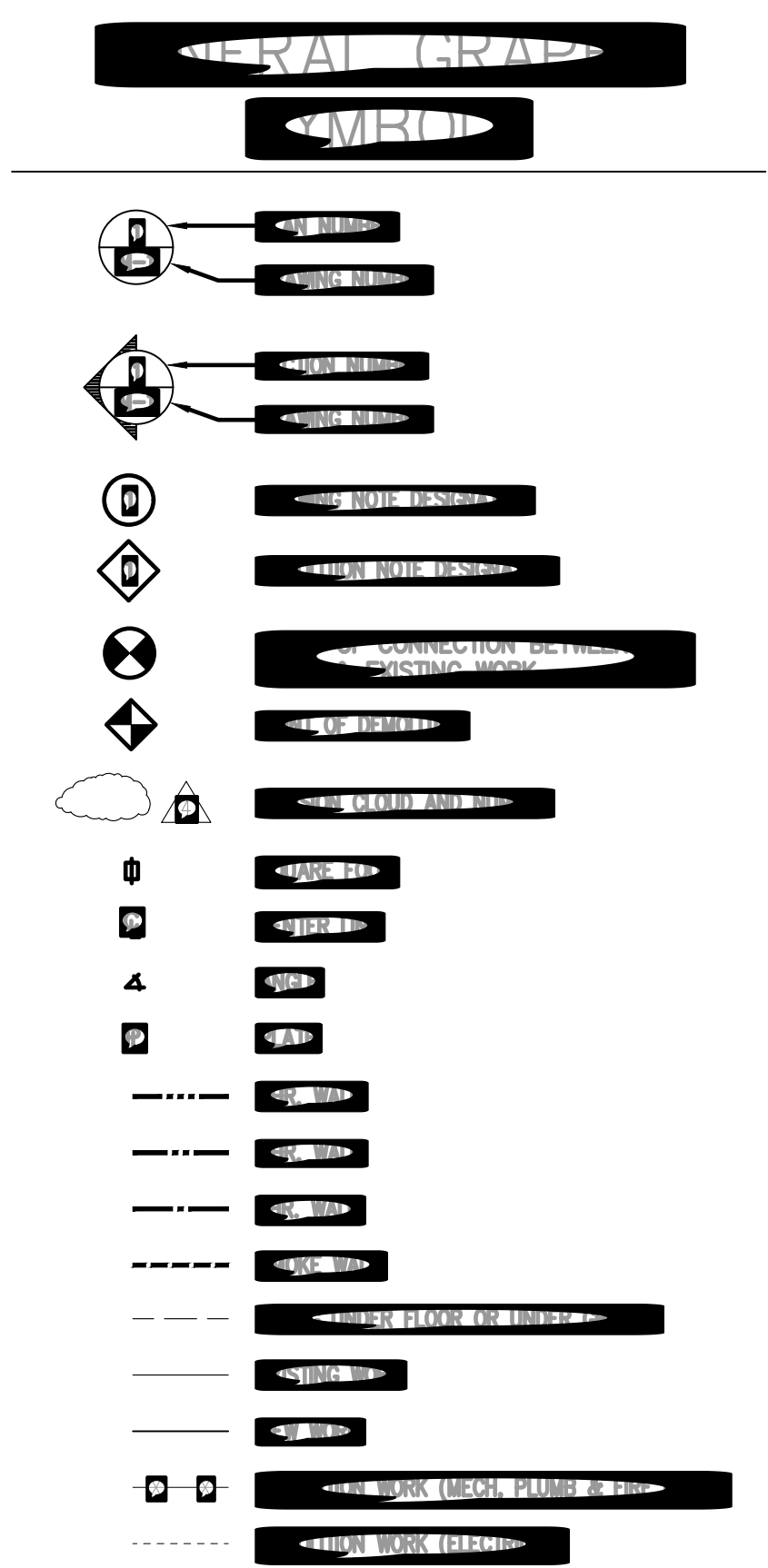
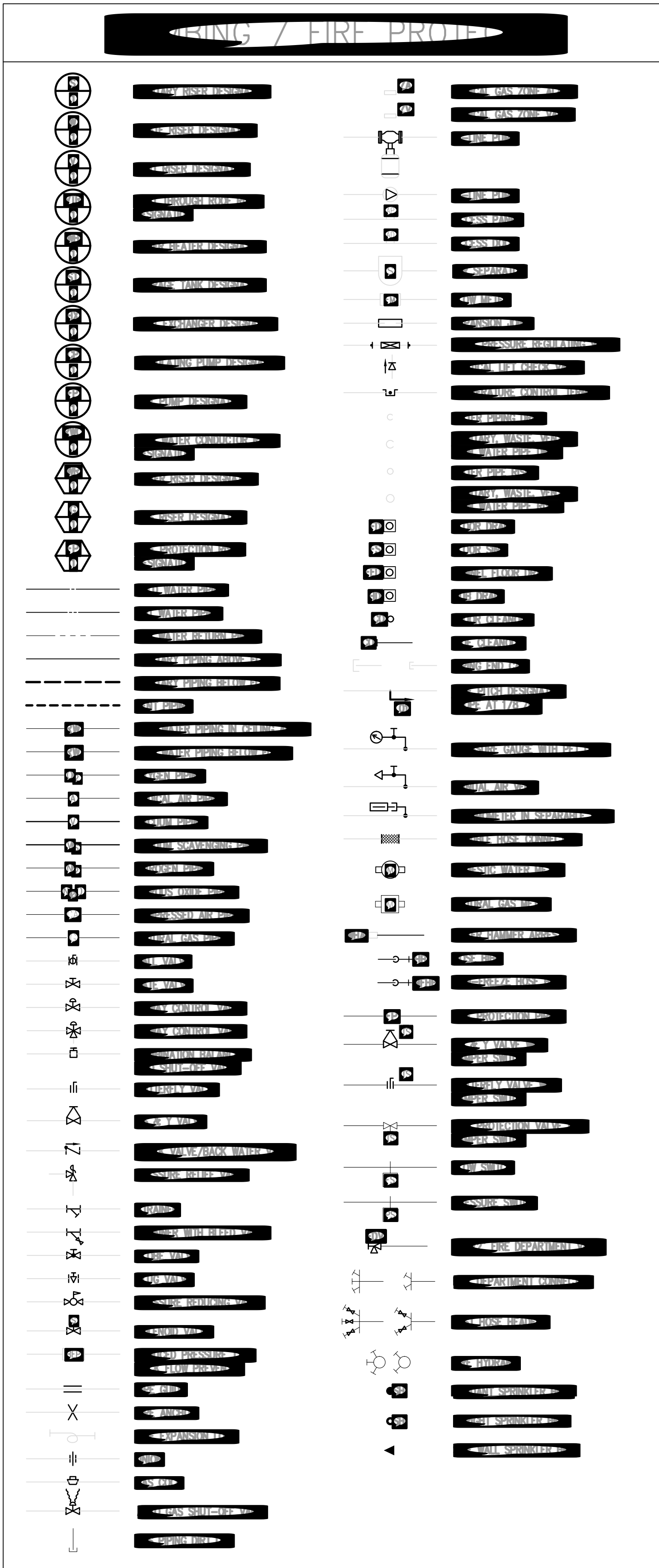
PROJECT #	Project Number
DRAWN BY	JW
CHECKED BY	JW
DATE	05/13/24

BID SET

PLUMBING SYMBOLS &
ABBREVIATIONS

DRAWING TITLE

P000



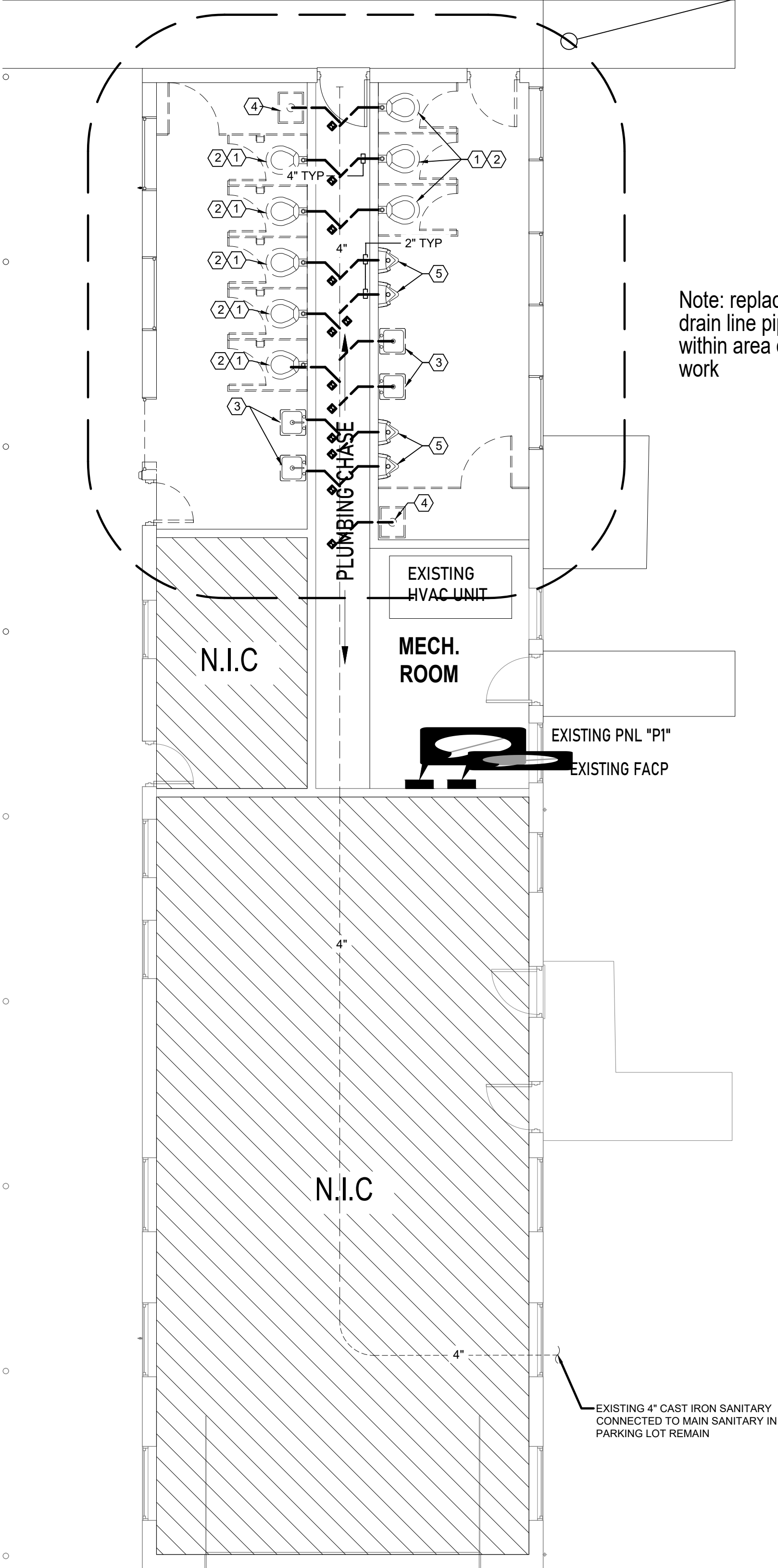
PLUMBING PIPE & FITTING SCHEDULE							
BASEMENT, EXPOSED PIPING IN LEVEL 1 AND ALL RISERS							
SYSTEM	PIPE SIZE	LOCATION	MATERIAL	SCHEDULE OR TYPE	FITTING	JOINT	REMARKS
SANITARY	ALL	BELOW GRADE	CAST IRON	SERVICE WEIGHT C.I.	CAST IRON	BELL & SPIGOT WITH LEAD AND OAKUM	PROVIDE INSPECTION REPORTS PRIOR TO BACKFILL
	3" AND LARGER	ABOVE GRADE	CAST IRON	HUBLESS CAST IRON	CAST IRON	HEAVY DUTY STAINLESS STEEL COUPLINGS	
	2-1/2" AND SMALLER	ABOVE GRADE	CAST IRON COPPER	SERVICE WEIGHT COPPER DWV/TUBE	CAST IRON COPPER	HEAVY DUTY STAINLESS STEEL COUPLINGS COPPER SOLDERED	ALL EXPOSED SANITARY PIPING BELOW PLUMBING FIXTURES SHALL BE CHROME PLATED BRASS
SANITARY VENT	3" AND LARGER	ABOVE GRADE	CAST IRON	HUBLESS CAST IRON	CAST IRON	HEAVY DUTY STAINLESS STEEL COUPLINGS	
	2-1/2" AND SMALLER	ABOVE GRADE	CAST IRON COPPER	SERVICE WEIGHT COPPER DWV/TUBE	CAST IRON COPPER	HEAVY DUTY STAINLESS STEEL COUPLINGS COPPER SOLDERED	
DOMESTIC COLD WATER	ALL	ABOVE GRADE	COPPER	TYPE "L"	WROUGHT COPPER	COPPER SOLDERED	95% TIN & 5% ANTIMONY
DOMESTIC HOT WATER	ALL	ABOVE GRADE	COPPER	TYPE "L"	WROUGHT COPPER	COPPER SOLDERED	95% TIN & 5% ANTIMONY
CONDENSATE	ALL	ABOVE GRADE	COPPER	TYPE "L"	WROUGHT COPPER	COPPER SOLDERED	95% TIN & 5% ANTIMONY

NOTES:

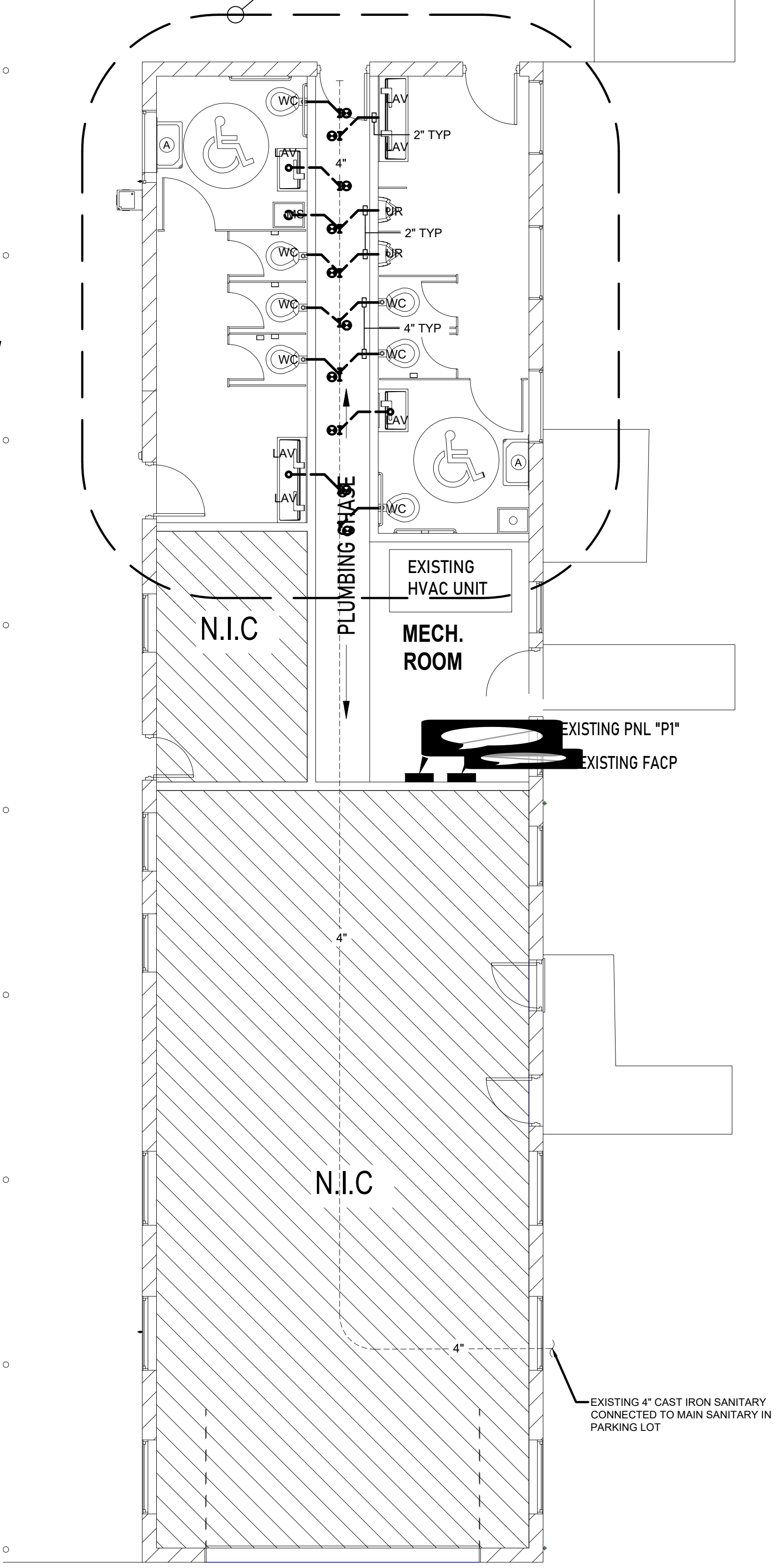
- SUPPLY FIXTURE WITH 1/4" TURN SHUT OFF VALVES ON DOMESTIC WATER LINES AT AN EXCESSIBLE LOCATION TO THE FIXTURE
- FIXTURE PROVIDED WITH CABINETS/RY AND INSTALLED BY THE GENERAL CONTRACTOR - SEE ARCHITECTURAL DRAWINGS AND SPECIFICATION FOR FIXTURE TYPE. THIS CONTRACTOR TO PROVIDE ALL MATERIAL NECESSARY TO FULLY PLUMB FIXTURE AND ALL ACCESSORIES SHOWN PER MANUFACTURERS RECOMMENDATIONS.
- PROVIDE WITH CLOSET FLANGE AND EXTRA WAX RING.

DEMOLITION NOTES

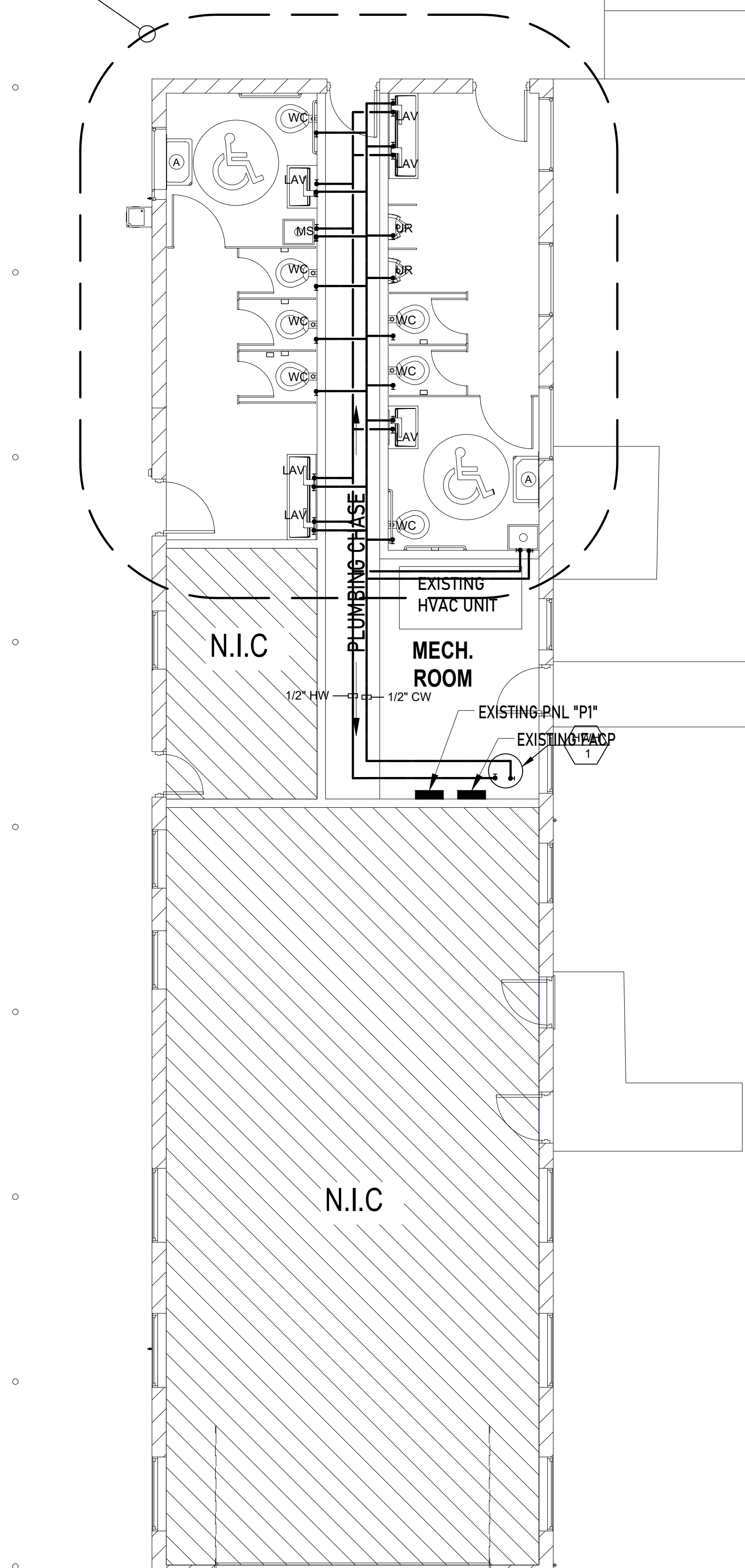
- 1 DEMOLISH AND PROPERLY DISPOSE OF WATER CLOSET COPPER WATER SUPPLY LINES, SHUT OFF VALVES AND ASSOCIATED DRAINAGE PIPING BACK TO WATER MAIN OR SANITARY MAIN.
- 2 CAREFULLY DEMOLISH AND PROPERLY DISPOSE OF EXISTING WATER CLOSET, CHAIR CARRIER AND ASSOCIATED SANITARY PIPING UP TO SANITARY MAIN.
- 3 CAREFULLY DEMOLISH AND PROPERLY DISPOSE OF EXISTING LAVATORY, ASSOCIATED WALL BRACKETS WATER SUPPLY LINES AND VALVES AND SANITARY PIPING BACK TO WATER SUPPLY & SANITARY MAIN.
- 4 CAREFULLY DEMOLISH AND PROPERLY DISPOSE OF EXISTING MOP SINK WALL BRACKETS WATER SUPPLY LINES, VALVES AND SANITARY PIPING BACK TO WATER SUPPLY & SANITARY MAIN.
- 5 CAREFULLY DEMOLISH AND PROPERLY DISPOSE OF EXISTING URINALS, ASSOCIATED WALL BRACKETS WATER SUPPLY LINES, VALVES AND SANITARY PIPING BACK TO WATER SUPPLY & SANITARY MAIN.



1 PLUMBING SANITARY DEMO PLAN
Scale: 3/16"=1'-0"



2 PLUMBING SANITARY INSTALLATION PLAN
Scale: 3/16"=1'-0"



3 PLUMBING DOMESTIC WATER PLAN
Scale: 3/16"=1'-0"

CLAYTON PARK

CONCORD TOWNSHIP PA



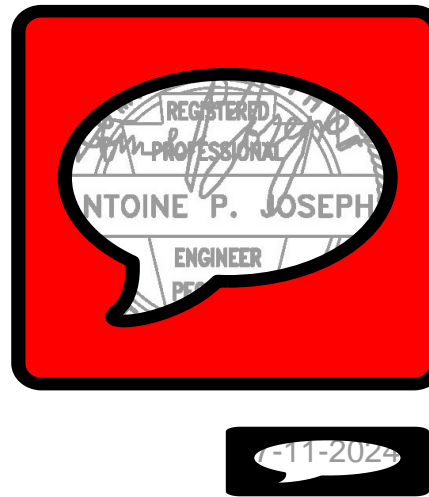
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DRAWN BY	JW
CHECKED BY	JW
DATE	05/13/24

BID SET

PLUMBING DEMOLITION & NEW
INSTALLATION PLAN

DRAWING TITLE

P100



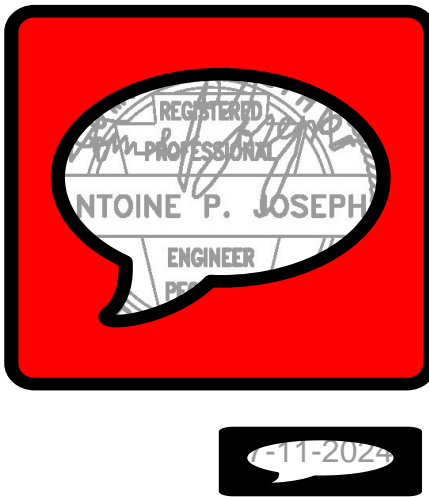
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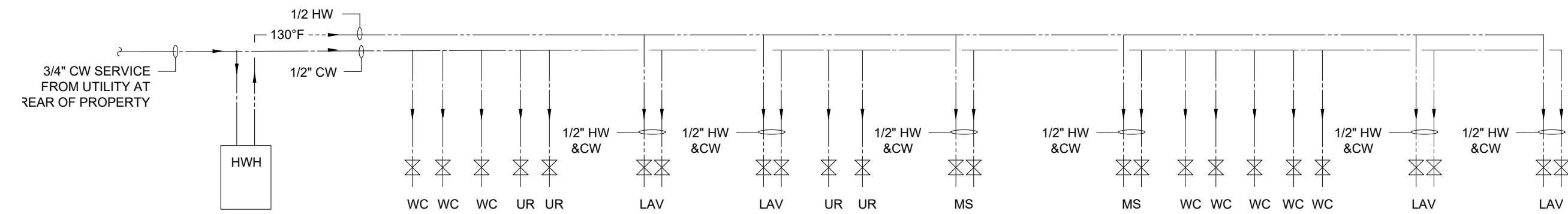
PROJECT #	Project Number
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DATE	05/13/24

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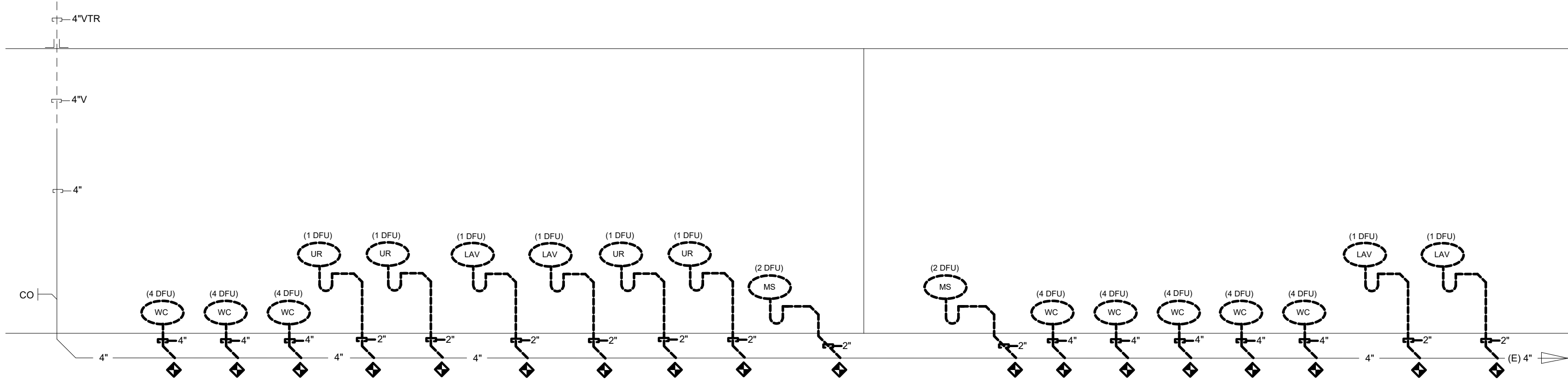
PLUMBING SANITARY AND
DOMESTIC RISER DIAGRAMS

DRAWING TITLE

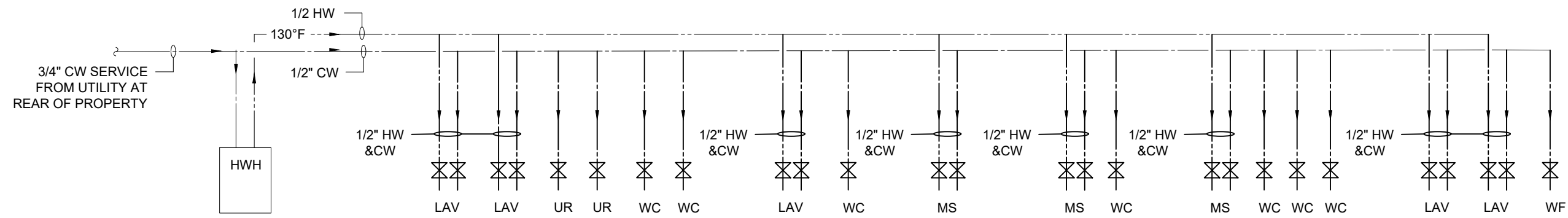
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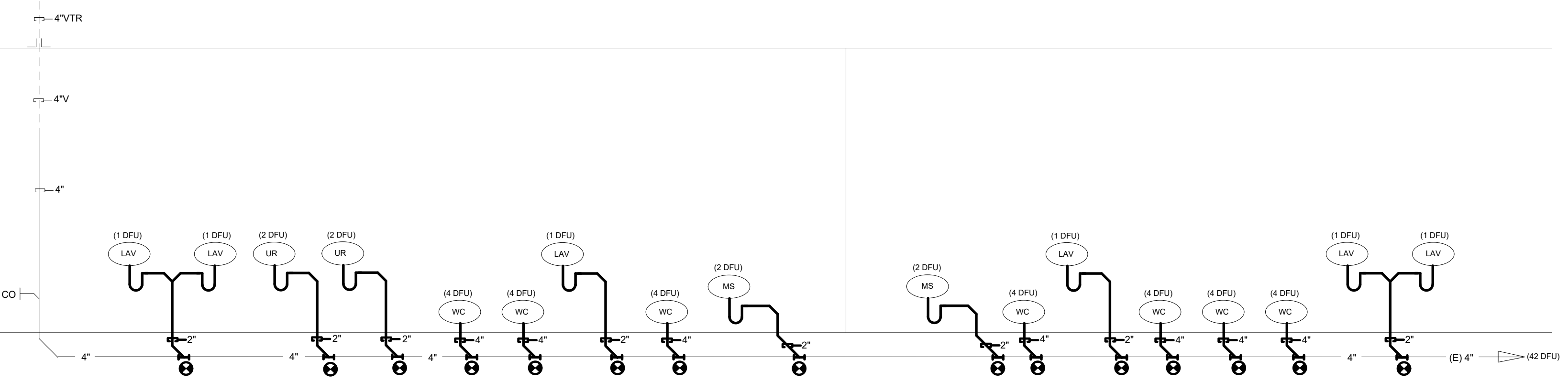
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P101
EXISTING DOMESTIC WATER RISER
Scale: N.T.S.



2
P101
EXISTING SANITARY PLUMBING DEMO RISER
Scale: N.T.S.



1
P101
PROPOSED DOMESTIC WATER RISER
Scale: N.T.S.



4
P101
PROPOSED SANITARY PLUMBING RISER
Scale: N.T.S.

LINE WEIGHT LEGEND:

- EQUIPMENT SHOWN IN LIGHT LINE WEIGHT IS PLUMBING EQUIPMENT, PIPING THAT IS EXISTING TO REMAIN
- EQUIPMENT SHOWN IN HEAVY LINE WEIGHT IS PLUMBING EQUIPMENT PIPING DEVICES THAT ARE INSTALLED AS PART OF THIS CONTRACT.
- EQUIPMENT SHOWN IN WITH DASHED LINES IS PLUMBING EQUIPMENT TO BE DEMOLISHED AS PART OF THIS PROJECT.



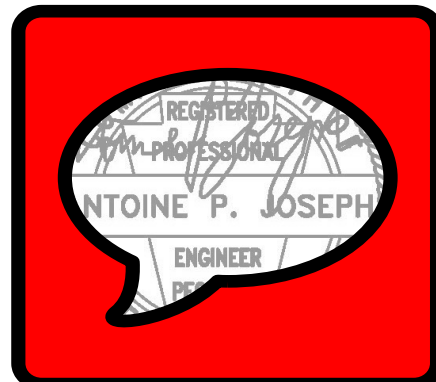
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ANTOINE P. JOSEPH
ENGINEER

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PLUMBING FIXTURE SHEETS

DRAWING TITLE

**MUSTEE**
Preferred by the "Pros"

Mop Service Basin — Model 63M

SEE PAGE 2 FOR A LIST OF ACCESSORIES!




Design features:

- All Mustee basins are one-piece molded from high impact resistant DURASTONE® structural fiberglass (24" x 24")
- Integral, molded-in drain for connection to 3" ABS, PVC (Sch. 80) or cast iron
- Available drain seals for connection to 2" pipe or 3" soil pipe
- Complete range of accessories to meet specific application needs
- Colorfast marbledized white finish
- Easy to install

Code Accepted

Mustee Mop Service Basins meet or exceed performance requirements as listed:

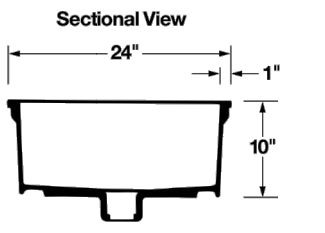
- International Association of Plumbing and Mechanical Officials (IAPMO)® Listed
- Warnock Hersey® (Canada) Listed—CSA test standards: Mop Basins - #B45.0
- American National Standards Institute (ANSI)-Specification Z 124-2011
- American Society of Testing and Materials (ASTM) D 635 E 84 and E 162
- CAN/ULC S102-07 Burn and Smoke Test

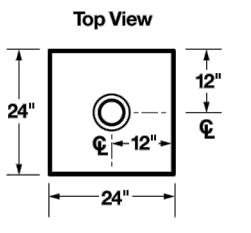



Specifications

Model Number	Model	H x W x D	UPC
63M	White	10" x 24" x 24"	6 71031 00189 4

General: Furnish and install as shown on plans. Mop Service Basin model 63M, as manufactured by E.L. Mustee & Sons, Inc. Unit is to be one-piece molded fiberglass made with matched metal molds using extreme heat and pressure. Height shall be 10" with not less than 1" wide shoulder. Size 24" x 24" Drain shall be integrally molded, complete with drain seal for installation of 3" ABS, PVC (Sch. 80) and iron pipe. Removable stainless steel strainer. Performance tested to meet or exceed ANSI Z 124-2011 and FMH/ULC UM-75. Weight 45 lbs., cubic feet 42. Install in compliance with local codes.


Sectional View

Top View


**MUSTEE**

E.L. Mustee & Sons, Inc. • 5431 West 16th Street • Brook Park, OH 44142 • Phone: 216.287.3100 • Fax: 216.287.3997
E-mail: info@mustee.com • Web: www.mustee.com • Proudly made in the USA

Notice: Our continuous commitment to product improvement may result in changes to product specifications without notice. Patents pending. Made and Printed in U.S.A.



Atwall® Millennium™ FloWise® Elongated Flushometer Toilet
VITREOUS CHINA LESS EVERCLEAN®



SEE REVERSE FOR ROUGHING-IN DIMENSIONS

To Be Specified:

- Color: ☐ White
- XSeat:
 - American Standard #5901-100 Heavy duty open front less cover
 - American Standard #5905-100 Extra heavy duty open front less cover
- Flushometer Valve:
 - 1.6 gpf:
 - Sensor-Operated: American Standard Selectronic® DC Power #6065.161.002 (Top Spud)
 - AC Power #6067.161.002 (Top Spud)
 - 1.28 gpf:
 - Sensor-Operated: American Standard Selectronic® DC Power #6065.121.002 (Top Spud)
 - AC Power #6067.121.002 (Top Spud)
 - 1.6/1.1 gpf Dual Flush:
 - Sensor-Operated: American Standard Selectronic® DC Power #6065.761.002 (Top Spud)
 - Manual: American Standard #5447.121.002 (Top Spud)
 - 1.6/1.1 gpf Dual Flush:
 - Sensor-Operated: American Standard Selectronic® DC Power #6065.761.002 (Top Spud)
 - Manual: American Standard #5447.121.002 (Top Spud)

Component Parts:

- #47007-0070A Inlet Spud (furnished with bowl)

Nominal Dimensions:

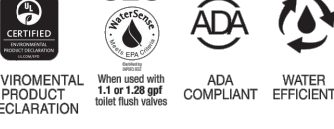
360 x 356 x 381mm
(26" x 14" x 15")

Recommended working pressure—between 25 psi at valve when flushing and 80 psi static

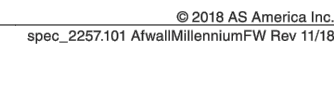
Fixture only, less seat, bolt caps, and flushometer valve

Compliance Certifications - Meets or Exceeds the Following Specifications:


- ASME A112.19.2/CSA B45.1 for Vitreous China Fixtures




MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A111 REQUIREMENTS FOR ACCESSIBLE AND USABLE BUILDING FACILITIES—CHECK LOCAL CODES.
• When installed so top of rim is 432 to 458mm (17" to 19") from finished floor.



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spec_2257.01 AtwallMillennium™ W Rev 11/18



Washbrook® FloWise® Universal Urinal



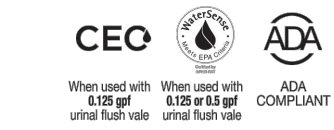
SEE REVERSE FOR ROUGHING-IN DIMENSIONS

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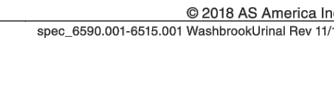
- Color: ☐ White
- Flush Valve:
 - 1.0 gpf Flush Valve: Sensor-Operated:
 - American Standard Selectronic® #6063.101.002 DC Power (Top Spud)
 - American Standard Selectronic® #6062.101.002 AC Power (Back Spud)
 - 1.0 gpf Flush Valve: Manual-Operated:
 - American Standard Selectronic® #6062.051.002 AC Power (Back Spud)
- 0.125 gpf Flush Valve: Sensor-Operated:
 - American Standard Selectronic® #6063.051.002 DC Power (Top Spud)
 - American Standard Selectronic® #6062.051.002 AC Power (Back Spud)
- 0.125 gpf Flush Valve: Manual-Operated:
 - American Standard Selectronic® #6062.051.002 AC Power (Back Spud)

Compliance Certifications - Meets or Exceeds the Following Specifications:


- ASME A112.19.2-2008/CSA B45.1-08 for Vitreous China Fixtures



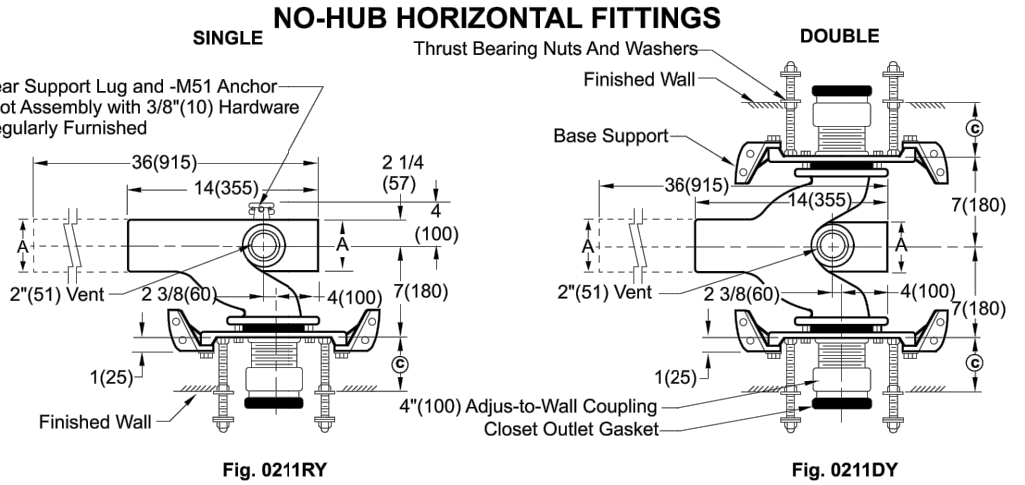
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• When installed so top of rim is 432mm (17") MAXIMUM from finished floor.



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spec_6590.001-6515.001 Washbrook® Universal Urinal Rev 11/18



ADJUSTABLE FIXTURE SUPPORTS
FOR SIPHON JET WATER CLOSETS SHALLOW ROUGH-IN TYPE



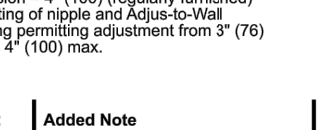
SEE REVERSE FOR ROUGHING-IN DIMENSIONS

To Be Specified:

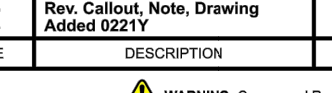
- Color: ☐ White
- Flush Valve:
 - 1.0 gpf Flush Valve: Sensor-Operated:
 - American Standard Selectronic® #6063.101.002 DC Power (Top Spud)
 - American Standard Selectronic® #6062.101.002 AC Power (Back Spud)
 - 1.0 gpf Flush Valve: Manual-Operated:
 - American Standard Selectronic® #6062.051.002 AC Power (Back Spud)
- 0.125 gpf Flush Valve: Sensor-Operated:
 - American Standard Selectronic® #6063.051.002 DC Power (Top Spud)
 - American Standard Selectronic® #6062.051.002 AC Power (Back Spud)
- 0.125 gpf Flush Valve: Manual-Operated:
 - American Standard Selectronic® #6062.051.002 AC Power (Back Spud)

Compliance Certifications - Meets or Exceeds the Following Specifications:

- ASME A112.19.2-2008/CSA B45.1-08 for Vitreous China Fixtures



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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

ABBREVIATIONS

(E)	EXISTING TO REMAIN	MCC	MOTOR CONTROL CENTER
(R)	EXISTING TO BE RELOCATED	MCP	MOTOR CIRCUIT PROTECTOR
(X)	EXISTING TO BE REMOVED	MDP	MAIN DISTRIBUTION PANEL
A	AMPERE(S)	MECH	MECHANICAL
AVV	AUDIO/VISUAL	MH	MANHOLE
AC	ALTERNATING CURRENT	MIC	MICROPHONE
AF	AMP FRAME	MLO	MAIN LUGS ONLY
AFF	ABOVE FINISHED FLOOR	MTD	MOUNTED
AFG	ABOVE FINISHED GRADE	MTG	MOUNTING
AIC	AMPERES INTERRUPTING CAPACITY	MTR	MOTOR
AT	AMPERE TRIP	NC	NORMALLY CLOSED
ATC	AUTOMATIC TEMPERATURE CONTROL	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
ATS	AUTOMATIC TRANSFER SWITCH	NFSS	NON-FUSED SAFETY SWITCH
AWG	AMERICAN WIRE GAUGE	N.I.C	NOT IN CONTRACT
BFC	BELOW FINISHED CEILING	NL	NIGHT LIGHT
BMS	BUILDING MANAGEMENT SYSTEM	NO	NORMALLY OPEN
BUS	BUSWAY	NTS	NOT TO SCALE
C	CONDUIT	OC	ON CENTER
CATV	CABLE ANTENNA TELEVISION	OL	OVERLOAD ELEMENT
CC	CONTROL CABINET	P	POWER OR POLE
CCTV	CLOSED CIRCUIT TELEVISION	PB	PUSH BUTTON
CKT	CIRCUIT	PC	PLUMBING CONTRACTOR
CL	COLUMN LINE	PE	PHOTOELECTRIC CONTROLLER
CLG	CEILING	PF	POWER FACTOR
CMH	COMMUNICATIONS MANHOLE	PH	PHASE
CP	CONTROL PANEL	PL	PILOT LIGHT
CT	CURRENT TRANSFORMER	PNL	PANEL
CU	COPPER	PP	POWER PANEL
D	DATA	PR	PRIMARY
DC	DIRECT CURRENT	PS	PULL STATION
DP	DOUBLE POLE	PTZ	PAN, TILT, ZOOM CAMERA
DS	DISCONNECT SWITCH	PVC	POLYVINYL CHLORIDE
DT	DOUBLE THROW	R	RELAY
EC	ELECTRICAL CONTRACTOR	RAC	RIGID ALUMINUM CONDUIT
EF	EXHAUST FAN	RAF	RETURN AIR FAN
ELEV	ELEVATOR	RC	REMOTE CONTROL
ELU	EMERGENCY LIGHTING UNIT	RCP	REFLECTED CEILING PLAN
EMH	ELECTRIC MANHOLE	RECPT	RECEPTACLE
EMT	ELECTRICAL METALLIC TUBING	RM	ROOM
EPO	EMERGENCY POWER OPERATOR	RTU	ROOF TOP UNIT
ETR	EXISTING TO REMAIN	SAF	SUPPLY AIR FAN
EUH	ELECTRICAL UNIT HEATER	SC	SPRINKLER CONTRACTOR
EW	ELECTRIC WATER COOLER	SD	SMOKE DETECTOR
FA	FIRE ALARM	SEC	SECONDARY
FAAP	FIRE ALARM ANNUNCIATOR PANEL	SP	SINGLE POLE
FACP	FIRE ALARM CONTROL PANEL	SPKR	SPEAKER
FB	FLOOR BOX	ST	SINGLE THROW
FBO	FURNISHED BY OTHERS - INSTALLED AND WIRED BY EC	SM	SURFACE MOUNTED
FCC	FIRE CONTROL CENTER	SW	SWITCH
FDR	FEEDER	SWBD	SWITCHBOARD
FLA	FULL LOAD AMPS	T	TELEPHONE
FLR	FLOOR	TC	TIMECLOCK
FO	FULL OUTPUT	TD	TIME DELAY
FS	FLOW SWITCH	TEMP	TEMPORARY
FSS	FUSED SAFETY SWITCH	TS	TAMPER SWITCH
FU	FUSED	TV	TELEVISION
G	GROUND	TYP	TYPICAL
GC	GENERAL CONTRACTOR	UFD	UNDERFLOOR DUCT
GFCI	GROUND FAULT CIRCUIT INTERRUPTING	UG	UNDER GROUND
GND	GROUND	UH	UNIT HEATER
GRS	GALVANIZED RIGID STEEL CONDUIT	UON	UNLESS OTHERWISE NOTED
HD	HEAT DETECTOR	V	VOLTS
HID	HIGH INTENSITY DISCHARGE	VA	VOLT-AMPERES
HP	HORSE POWER	VP	VAPOR PROOF
HPS	HIGH PRESSURE SODIUM	W	WATTS
HT	ELECTRIC HEAT TRACE	WP	WEATHERPROOF
HZ	HERTZ	XFMR	TRANSFORMER
IG	ISOLATED GROUND	XP	EXPLOSION PROOF
IMC	INTERMEDIATE METALLIC CONDUIT		
INC	INCANDESCENT		
JB	JUNCTION BOX		
KVA	KILOVOLT AMPERE(S)		
KVAR	KILOVOLT AMPERE-REACTIVE(S)		
KW	KILOWATT(S)		
LBS	LOAD BREAK SWITCH		
LP	LIGHTING PANEL		
LPS	LOW PRESSURE SODIUM		
MATV	MASTER ANTENNA TELEVISION		
MC	MECHANICAL CONTRACTOR		
MCB	MAIN CIRCUIT BREAKER		

ELECTRICAL DEVICE SYMBOLS

	WALL-MOUNTED DUPLEX RECEPTACLE
	WALL-MOUNTED DUPLEX GROUND FAULT INTERRUPTER
	WALL-MOUNTED WATER PROOF DUPLEX RECEPTACLE
	WALL MOUNTED SWITCH WITH OCCUPANCY SENSOR

LIGHTING FIXTURES SYMBOLS

	1X 4 LED FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	WALL MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN W/ DIRECTIONAL ARROW
	EMERGENCY BATTERY LIGHT FIXTURE
	REMOTE EMERGENCY BATTERY HEADS

POWER DISTRIBUTION SYMBOLS

	SURFACE MOUNTED PANEL BOARD
	FLUSH MOUNTED PANEL BOARD
	CEILING MOUNTED JUNCTION BOX
	4 X 4 WALL MOUNTED JUNCTION BOX

FIRE ALARM SYMBOLS

	FIRE ALARM PULL STATION
	HORN/STROBE
	HEAT DETECTOR
	SYSTEM SMOKE DETECTOR
	FIRE ALARM CONTROL PANEL
	REMOTE ANNUNCIATOR
	CEILING-MOUNTED STROBE
	NON SYSTEM APARTMENT SMOKE DETECTOR
	120V TAMPER SWITCH
	120V FLOW SWITCH

GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE, LOCAL CODES, THE LOCAL AUTHORITY HAVING JURISDICTION, AND INDUSTRY STANDARDS AND PRACTICES
2. ALL DEVICES AND EQUIPMENT INSTALLED UNDER THIS CONTRACT SHALL BE NEW AND FREE OF ANY DEFECTS
3. ALL CONDUIT SHALL BE 3/4" DIAMETER MINIMUM, UNLESS OTHERWISE NOTED
4. MINIMUM CONDUCTOR SIZE SHALL BE #12AWG XHHN OR THWN, COPPER CONDUCTORS, UNLESS OTHERWISE NOTED
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED APPROVALS, PERMITS, AND ACCEPTABLE INSPECTIONS FROM ALL AGENCIES
6. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUIT AND FITTINGS FOR ALL PENETRATIONS THROUGH CHAISES, WALLS, FLOORS, AND CEILINGS WHICH ARE FIRE RATED. THE ELECTRICAL CONTRACTOR SHALL PROPERLY SEAL ALL PENETRATIONS TO MAINTAIN FIRE PROTECTION RATING
7. THE GROUND ELECTRODE CONDUCTORS SHALL BE SIZED AND GROUNDED PER NEC 250.66
8. THE EQUIPMENT GROUND SHALL BE SIZED PER NEC ARTICLE 250.122 AND BE CONTINUOUS THROUGH THE ELECTRICAL SYSTEM WITH A SEPARATE GREEN GROUND INSTALLED IN ALL CONDUITS, WITHOUT EXCEPTION
9. PROVIDE BONDING FOR ALL ELECTRICAL AND SYSTEM CONDUITS, STUB-UPS, SURFACE RACEWAY, CABLE TRAYS, AND THE LIKE TO GROUNDING SYSTEM PER NEC REQUIREMENTS
10. CONDUIT SHALL BE GROUNDED AND BONDED TO ASSURE ELECTRICAL CONTINUITY AND THE CAPACITY TO SAFELY CONDUCT ANY FAULT CURRENT LIKELY TO BE IMPOSED

MOUNTING HEIGHTS - ELECTRICAL EQUIPMENT

9" BELOW FINISHED CEILING	-WALL MOUNTED BELLS AND FIRE ALARM SOUNDING DEVICE (OR AS SHOWN ON ARCHITECTURAL DETAILS) -TV MONITOR OUTLETS AND SERVICE RECEPTACLES FOR SHELF MOUNTED TV OR AS SHOWN ON A/V PLANS)
CENTERED ABOVE DOOR OR WINDOW OPENING	-WARNING OR SIGNALING FIXTURES/SIGNS
6'-8"	-FIRE ALARM STROBES MOUNTED AT 6'-8" OR 6" BELOW FINISHED CEILING (WHICH EVER IS LOWER)
6'-6"	-TOP OF FLUSH AND SURFACE MOUNTED ELECTRICAL LIGHTING OR POWER PANELBOARDS AND TELEPHONE CABINETS
6'-3"	-TOP OF BACK MOUNTED WALL EXIT FIXTURES (NOT MOUNTED ABOVE DOORS)
6'-0"	-TOP OF HIGHEST ELECTRICAL SAFETY DISCONNECT SWITCHES, MAGNETIC STARTERS AND CONTACTORS.
4'-6"	-WALL MOUNTED TELEPHONE AND PAY STATIONS (3'-6" AT HANDICAP LOCATIONS)
4'-0"	-WALL MOUNTED ELECTRICAL DEVICE LIGHTING SWITCHES, MANUALS MOTOR STARTERS, THERMOSTATS AND FIRE ALARM PULL STATIONS. -INCLUDES ALL FLOOR EQUIPMENT IN LABS AND EQUIPMENT ROOMS. - GFI OUTLETS IN TOILET ROOMS
1'-6"	-ELECTRICAL RECEPTACLES WITHIN MECHANICAL SPACES, ELECTRICAL ELEVATOR ROOMS. -ELECTRICAL RECEPTACLES -TELEPHONE, DATA AND COMMUNICATIONS OUTLETS -CATV AND A/V JUNCTION BOXES

NOTES:

1. MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION, THE ABOVE HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.
2. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS.
3. IF THERE IS AN ASTERISK BESIDE A DEVISE IT INDICATES THAT THE DEVISE IS MOUNTED ABOVE COUNTER OR CASEWORK. COORDINATE WITH ARCHITECTURAL DETAILS AND CASEWORK CONTRACTOR.

CLAYTON PARK

CONCORD TOWNSHIP PA



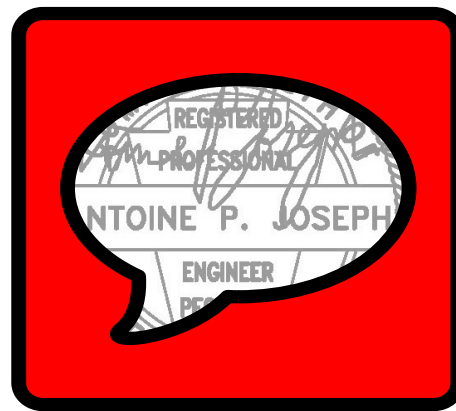
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ELECTRICAL SYMBOLS AND ABBREVIATIONS

DRAWING TITLE

E000



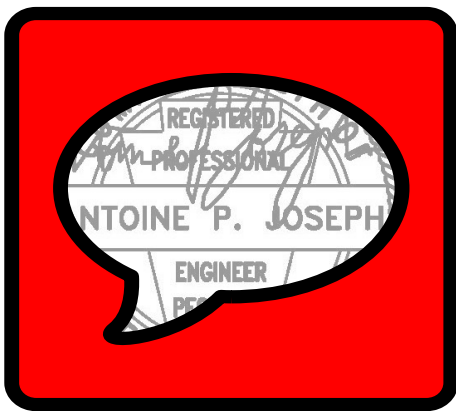
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ELECTRICAL DEMOLITION PLAN

DRAWING TITLE

E100

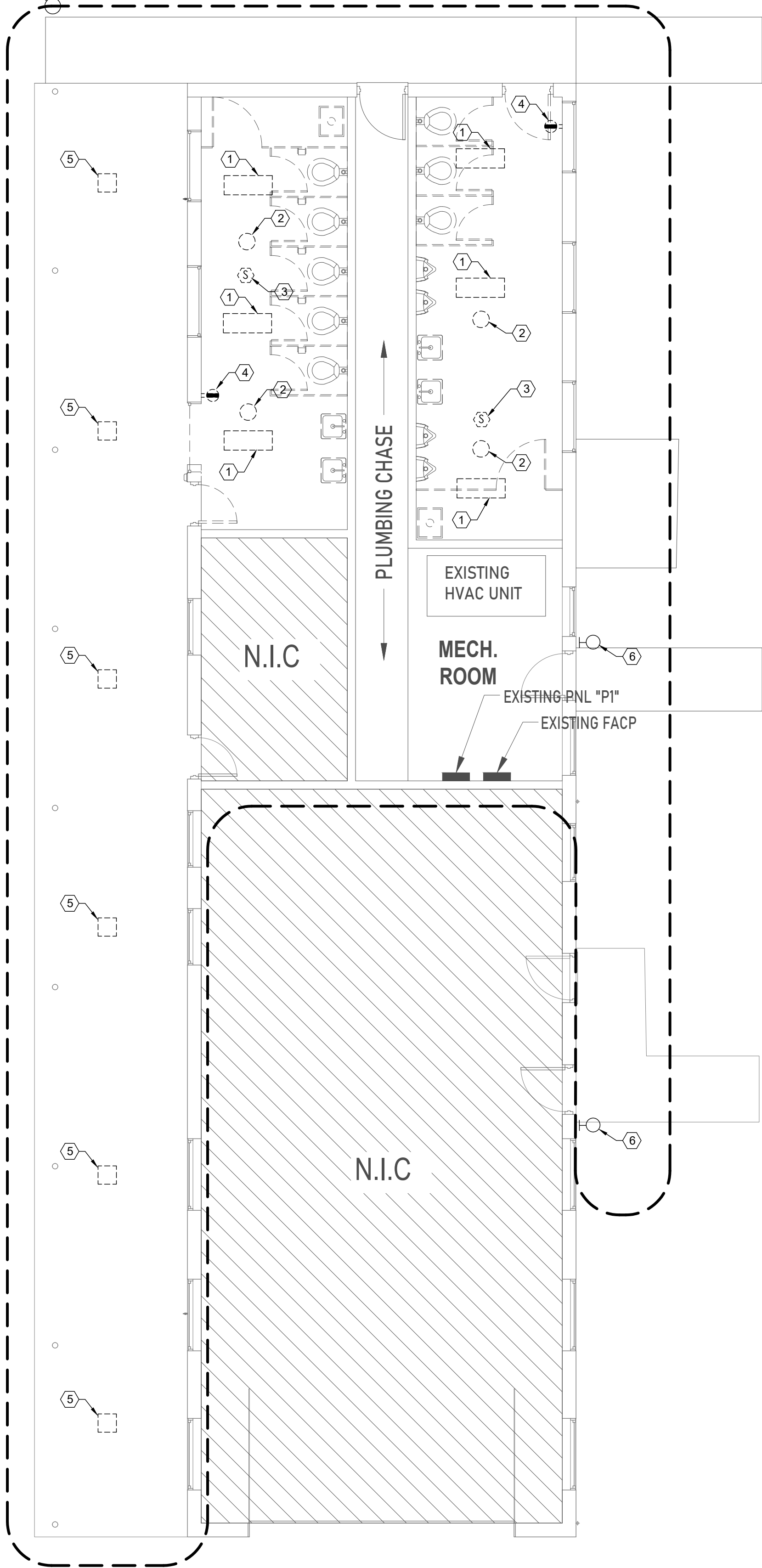
DEMOLITION NOTES

- 1 DEMOLISH AND PROPERLY DISPOSE OF EXISTING LIGHT FIXTURE AND ASSOCIATED WIRING, CONDUIT AND CONTROL DEVICES BACK TO SOURCE.
- 2 CAREFULLY DEMOLISH AND PROPERLY DISPOSE OF EXISTING MECHANICAL DIFFUSERS.
- 3 CAREFULLY DEMOLISH AND PROPERLY DISPOSE OF EXISTING FIRE ALARM DEVICES AND WIRING BACK TO SOURCE
- 4 CAREFULLY DEMOLISH AND PROPERLY DISPOSE OF EXISTING RECEPTACLES AMD ASSOCIATED WIRING, CONDUIT BACK TO SOURCE.
- 5 REPLACE EXISTING CEILING MOUNTED LIGHTING FIXTURES W/ LED TYPE, SIZE TO MATCH EXISTING REUSE EXISTING WIRING, CONDUIT AND CONTROL DEVICES
- 6 REPLACE EXISTING WALL MOUNTED LIGHTING FIXTURES W/ LED TYPE, TO MATCH EXISTING REUSE EXISTING WIRING, CONDUIT AND CONTROL DEVICES FIXTURE TO BE CHOSEN BY ARCHITECT

DEMOLITION NOTES

1. DEMOLISH AND PROPERLY DISPOSE OF EXISTING LIGHT FIXTURE AND ASSOCIATED WIRING, CONDUIT AND CONTROL DEVICES BACK TO SOURCE.

AREA OF NEW WORK



1
E100

MENS - WOMENS RM ELECTRICAL DEMO PLAN
Scale: 3/16" = 1' -0"



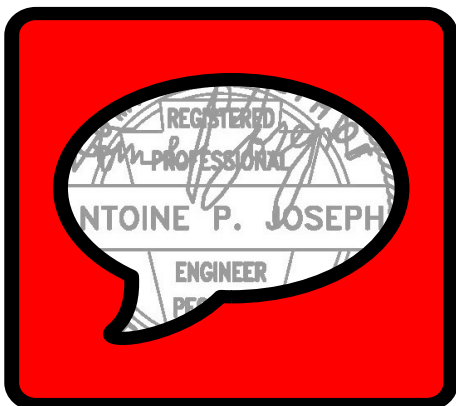
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SEAL:



Mark Revisions Date
ALL DIMENSIONS AND RELATIONSHIPS MUST BE VERIFIED BY
CONTRACTOR. THE ARCHITECT IS TO BE NOTIFIED OF ANY
DISCREPANCIES BEFORE PROCEEDING WITH THE
CONSTRUCTION. DO NOT SCALE FROM DRAWINGS.

PROJECT #	Project Number
DRAWN BY	JW
CHECKED BY	JW
DATE	05/13/24

BID SET

ELECTRICAL POWER AND
LIGHTING PLANS

DRAWING TITLE

E101

LIGHTING FIXTURE SCHEDULE							
FIXTURE TYPE	MANUFACTURER	CATALOG #	WATTS	LAMPS	LAMP TYPE	VOLTS	DESCRIPTION
A	BASIS OF DESIGN LITHONIA	TBD	46.2	1	LED	120	1X4 LAY-IN CEILING FIXTURE B.O.D
B	BASIS OF DESIGN LITHONIA	TBD	28	1	LED	120	CEILING MTD LED FIXTURE TO MATCH EXISTING SIZE OPENINGS
C	BASIS OF DESIGN LITHONIA	TBD	9.8	1	LED	120	24" WALL MTD LED VANITY FIXTURE
F	BASIS OF DESIGN LITHONIA	TBD	15	1	LED	120	WALL MTD LED FIXTURE
XS	BASIS OF DESIGN LITHONIA	TBD	2	1	LED	120	WALL MTD LED FIXTURE

ELECTRICAL NOTES

- ALL NEW FIRE ALARM DEVICES SHALL BE
INSTALLED AS SHOWN ON FLOOR PLAN USING
EXISTING WIRING BACK TO SOURCE.



