



TOWN OF CHESHIRE
DEPARTMENT OF PUBLIC WORKS/ENGINEERING
84 SOUTH MAIN STREET, CHESHIRE, CONNECTICUT 06410
Telephone (203) 271-6650 Fax (203) 271-6659

Addendum #2 – Plan Set

Re-Bid Renovation to Existing Bathroom at Quinnipiac Park
Bid #2223-05
Date: 08/31/2022

NOTES:

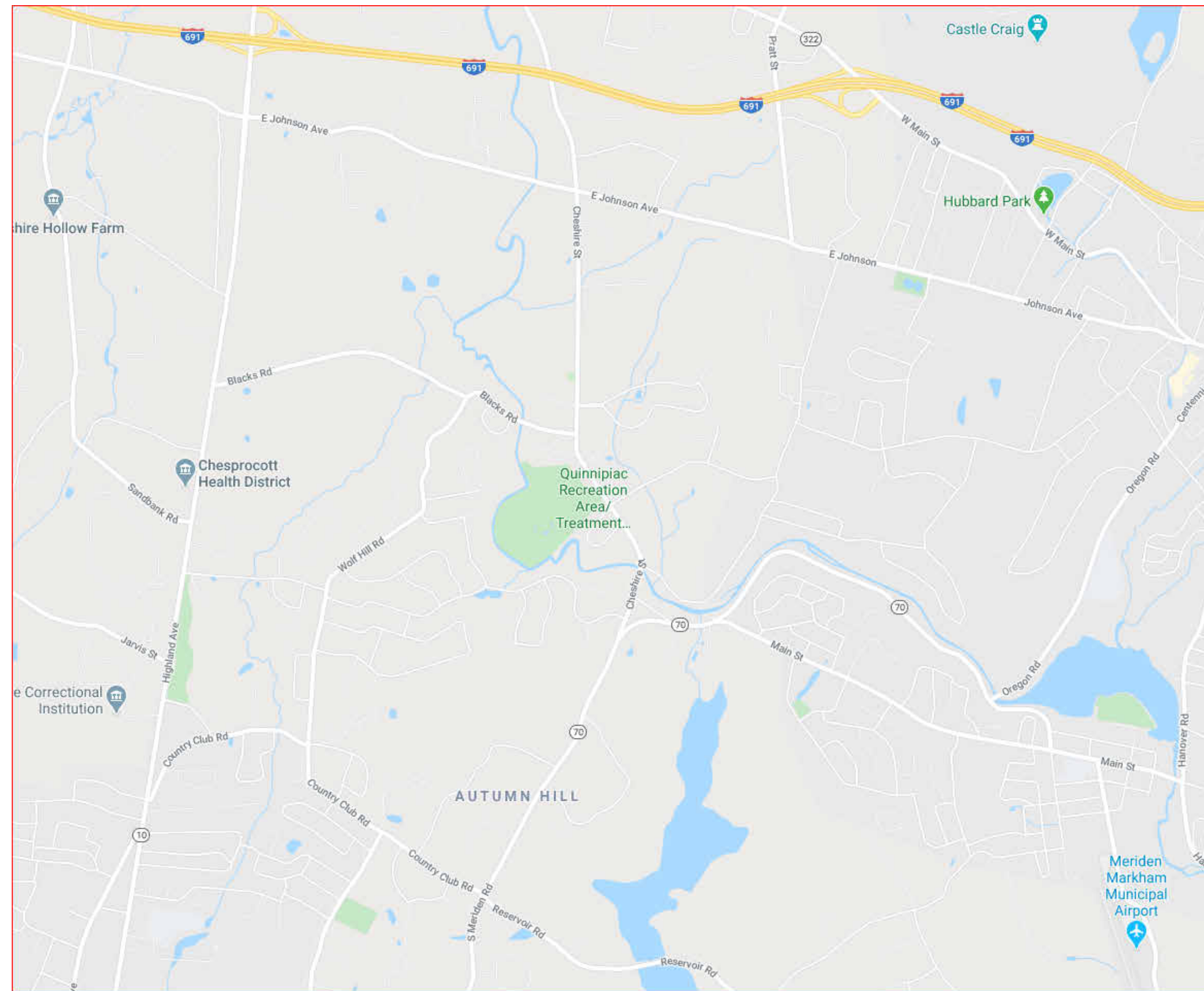
APPLICABLE CODES :

The 2018 SBC adopts the following model codes:

- • 2015 International Building Code
- • 2015 International Existing Building Code
- • 2015 International Plumbing Code
- • 2015 International Mechanical Code
- • 2015 International Energy Conservation Code
- • 2017 National Electrical Code (NFPA 70)
- • 2009 ICC A117.1 Accessible and Usable Buildings & Facilities
- 2018 Connecticut State Fire Safety Code

ALL WORK FOR THIS PROJECT SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.

LOCATION MAP:



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**RENOVATION TO EXISTING BATHROOM AT
QUINNIPIAC PARK
1325 CHESHIRE STREET, CHESHIRE, CT**

**CONSTRUCTION DOCUMENTS #2223-05
March 7, 2022**

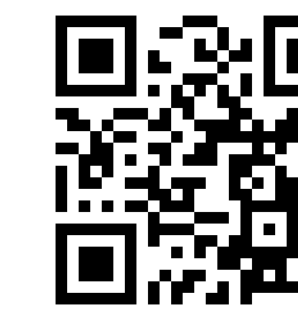
DRAWING LIST:

- .. COVER
- ..
- A1 BATHROOM PLANS, SECTIONS AND ELEVATIONS
- A2 HANDICAP SIGNS AND ACCESSORIES
-
- P1 QUINNIPIAC PARK PLUMBING DEMOLITION AND PROPOSED PLUMBING PLANS
- P2 PLUMBING SCHEDULES, DETAILS, SYMBOLS, NOTES AND ABBREVIATIONS
-
- ME1 QUINNIPIAC PARK MECHANICAL/ELECTRICAL DEMOLITION AND PROPOSED PLANS
- ME2 ELECTRICAL SCHEDULES, DETAILS, SYMBOLS, NOTES AND ABBREVIATIONS

REVISIONS:

No.	Revisions Description	Date

ARCHITECT:



WOJAS.ARCH, LLC

5 Race Track Hollow
Middlefield, CT 06455-1272
Phone: 860-930-5322
Fax: 860-349-2351
Email: wojas.arch@comcast.net

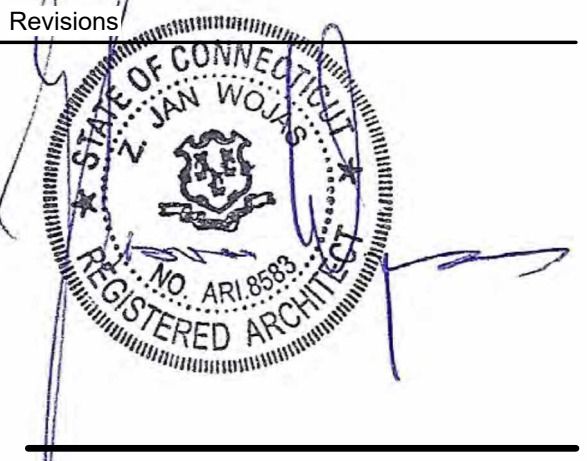


MEP ENGINEERS:

**SALAMONE & ASSOCIATES, P.C.
CONSULTING ENGINEERS
116 North Plains Industrial Road
Wallingford, CT 06492
203-281-6895 fax 203-297-8728**

RENOVATION TO EXISTING BATHROOM AT QUINNIPIAC PARK

QUINNIPIAC PARK, 1325 CHESHIRE STREET, CHESHIRE, CT



WOJAS.ARCH, LLC

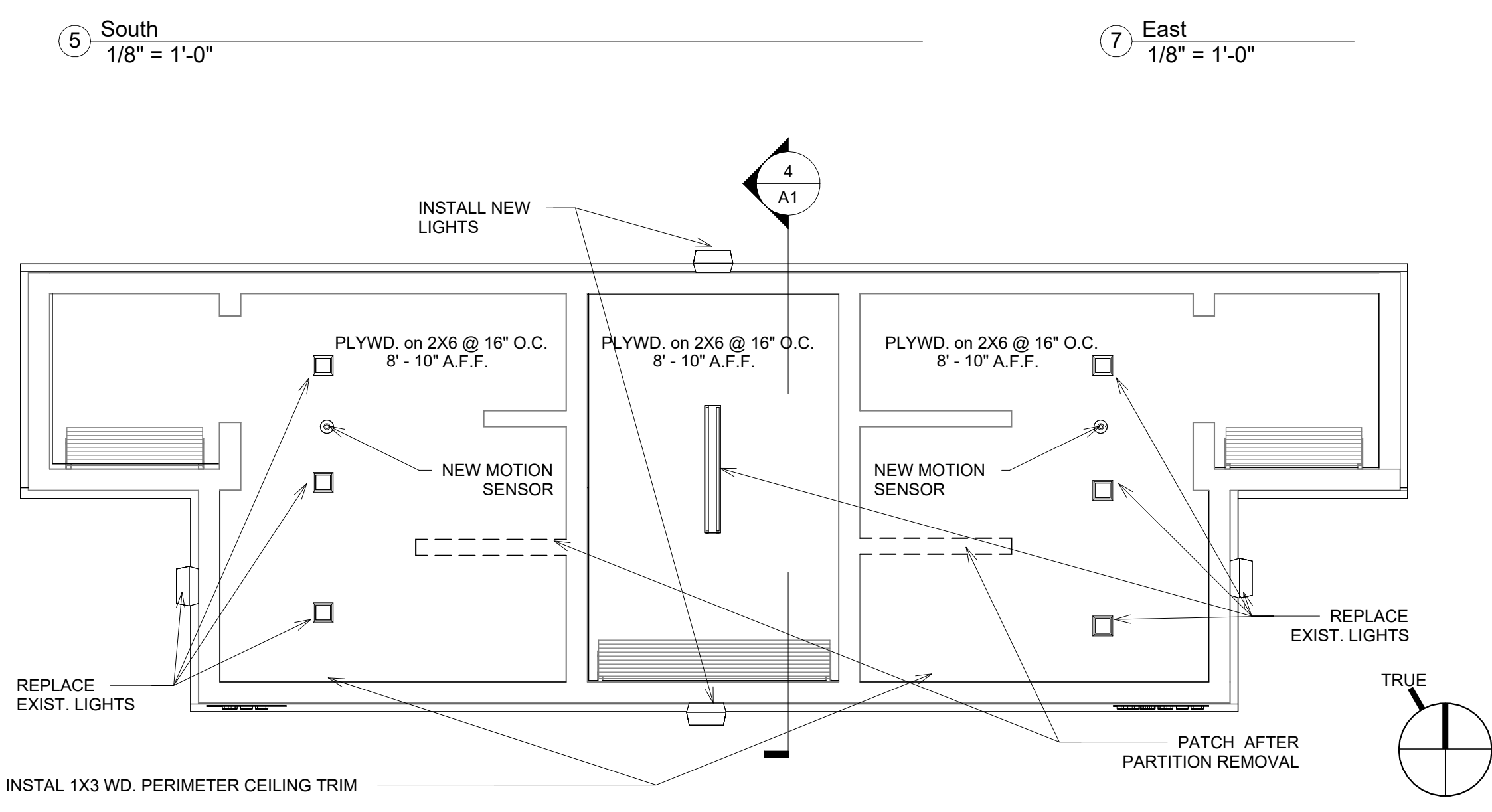
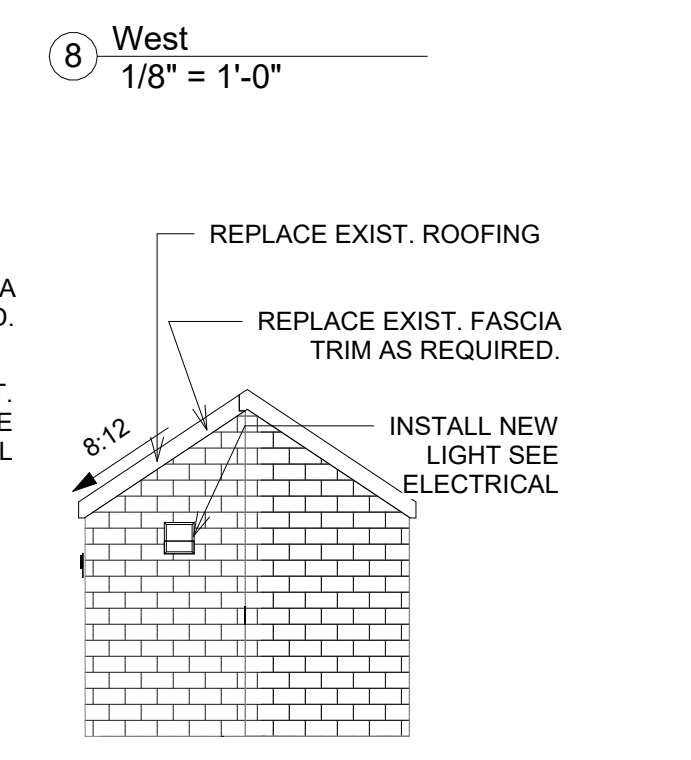
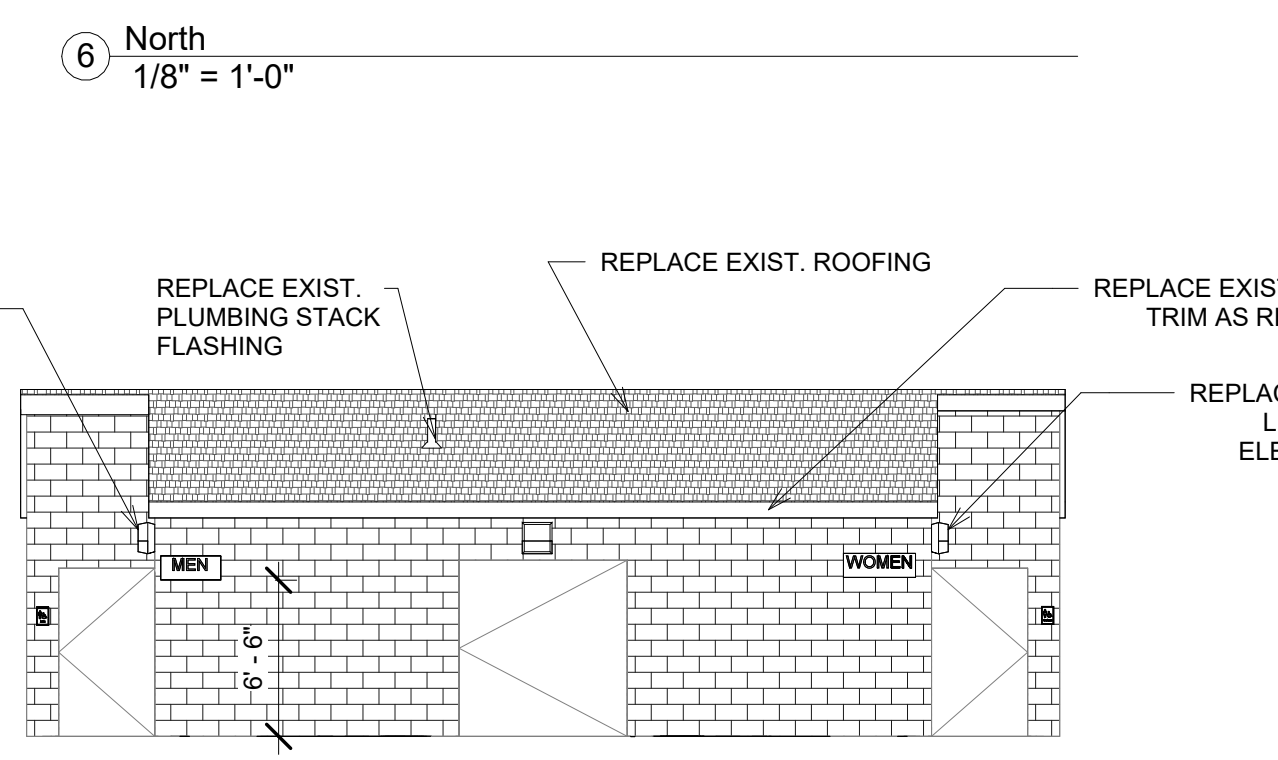
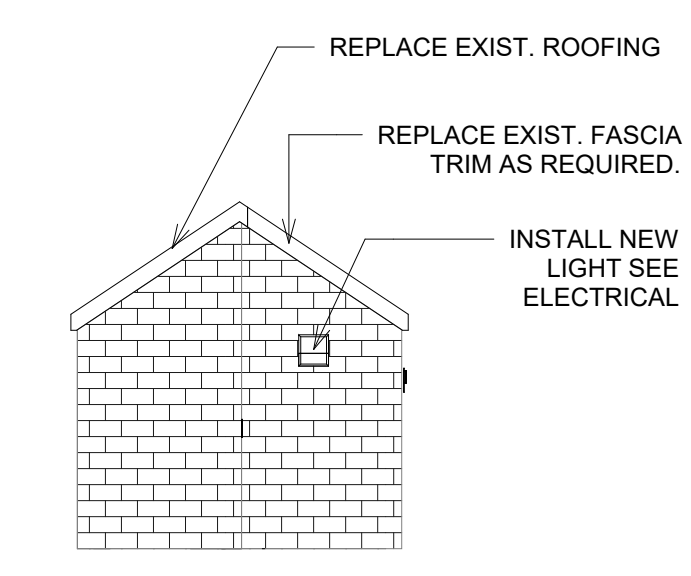
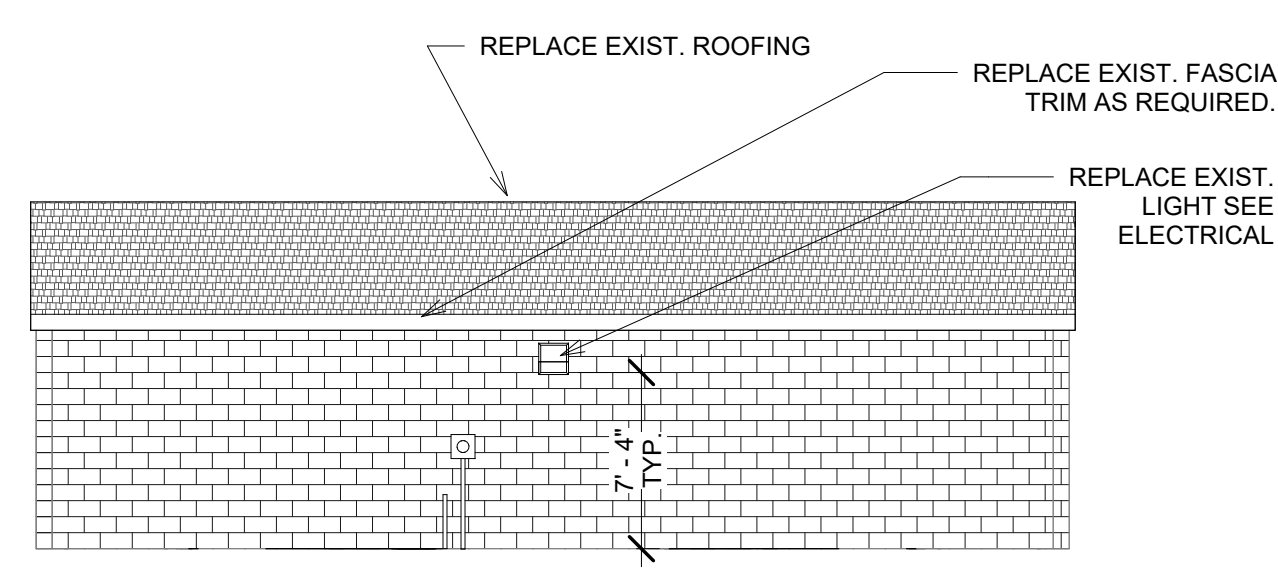
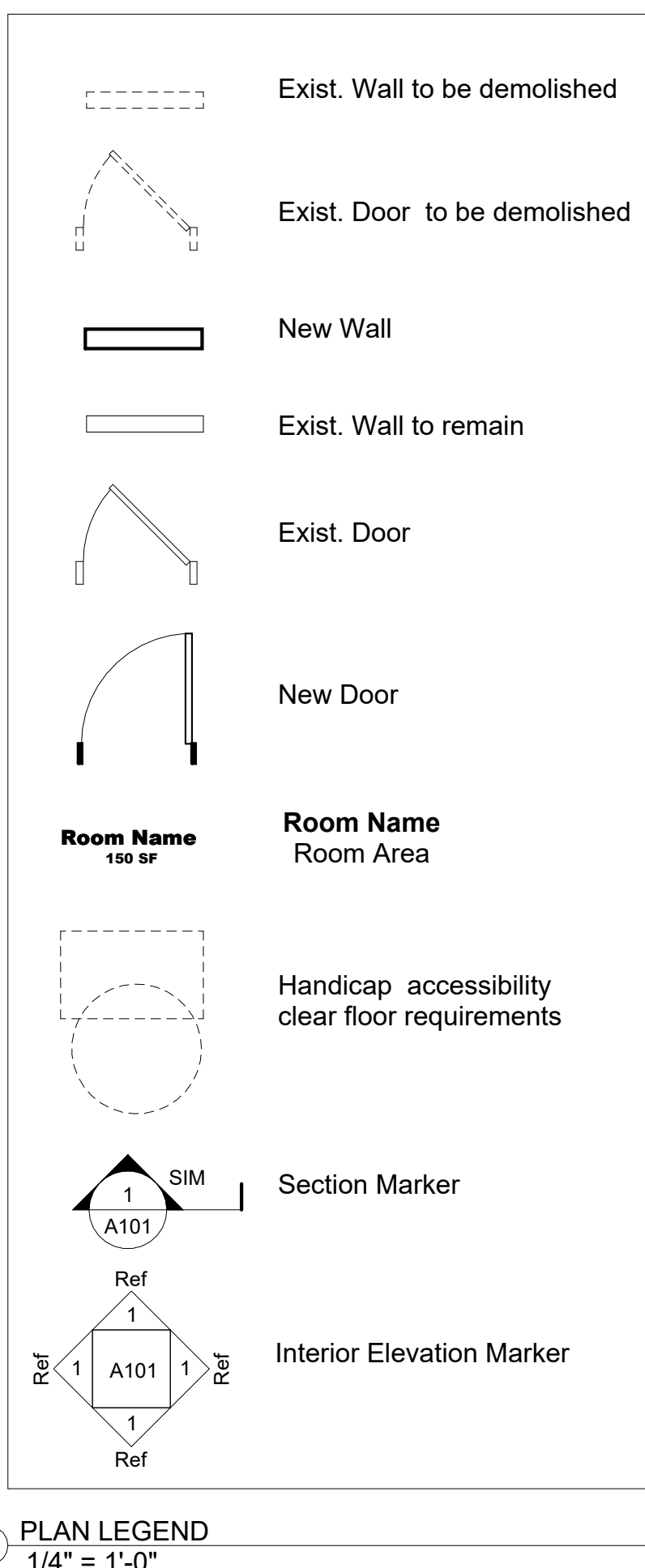
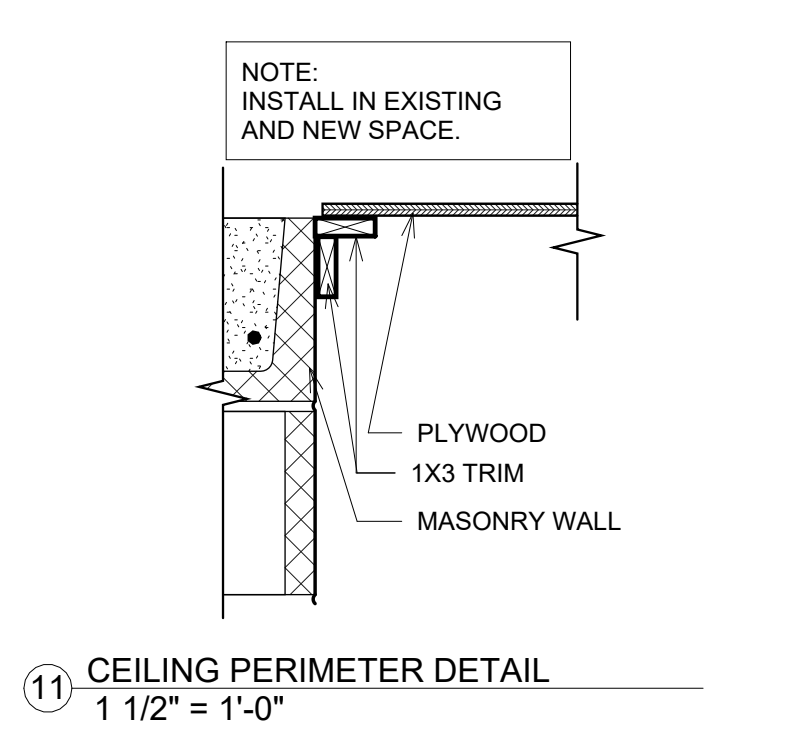
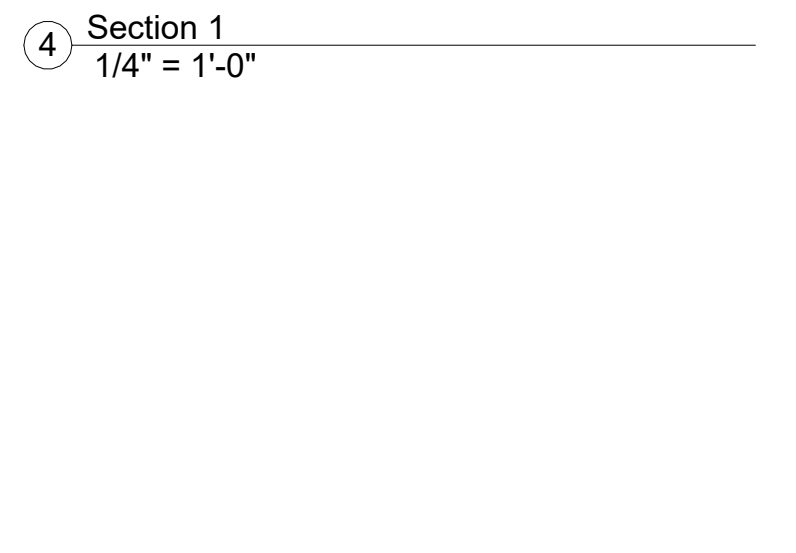
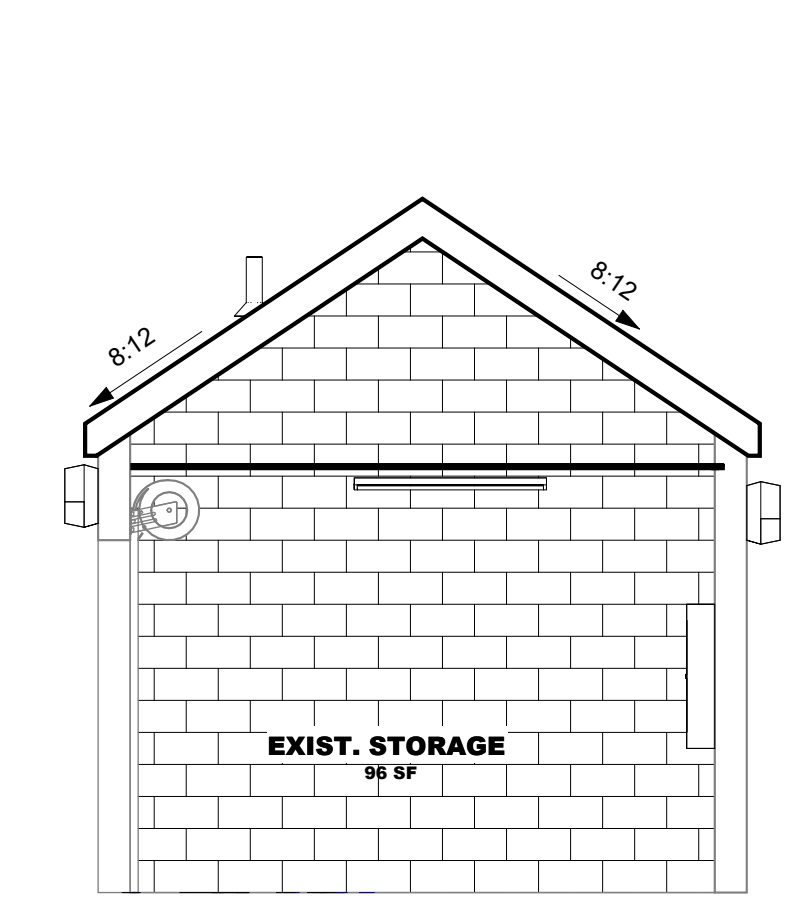
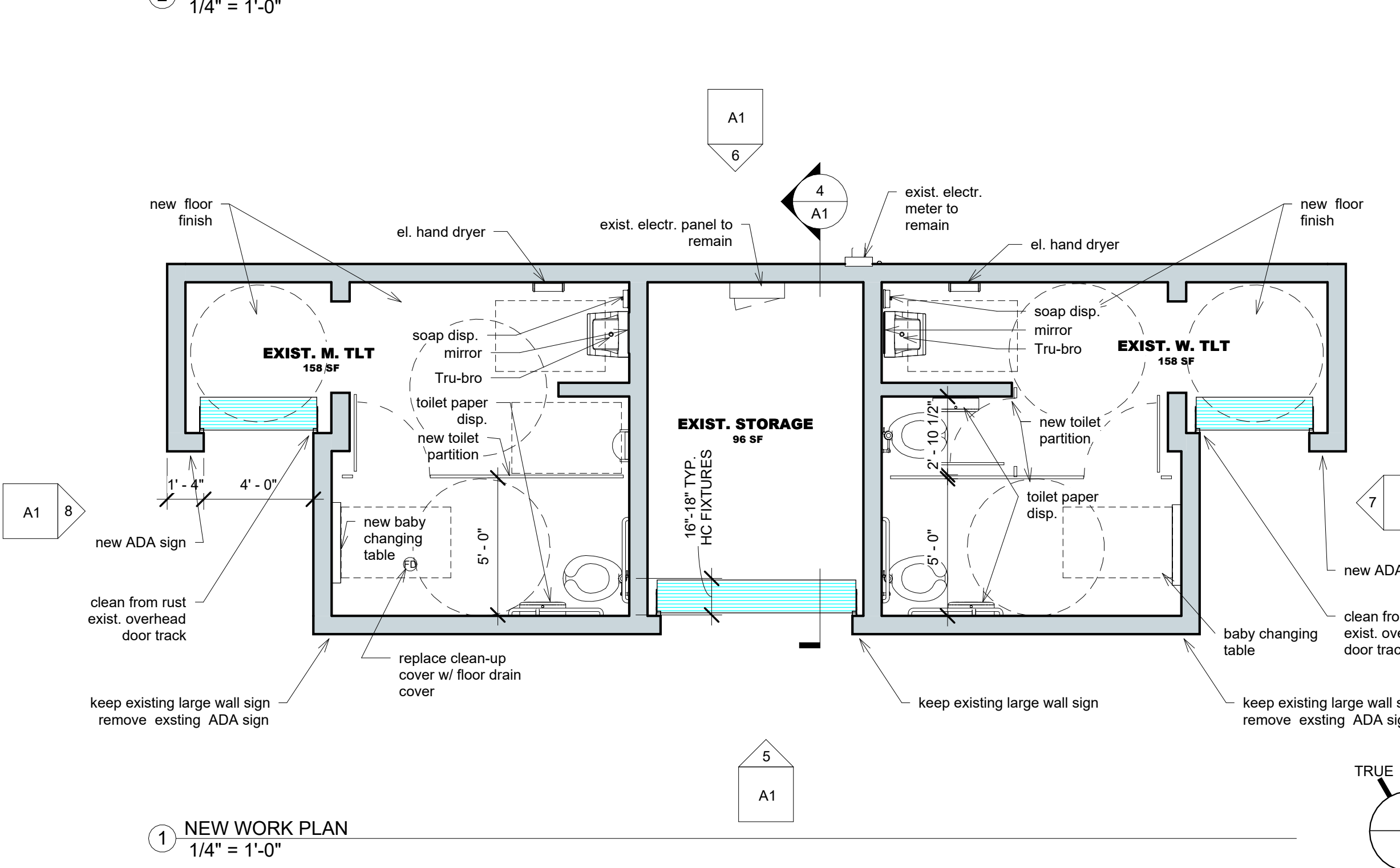
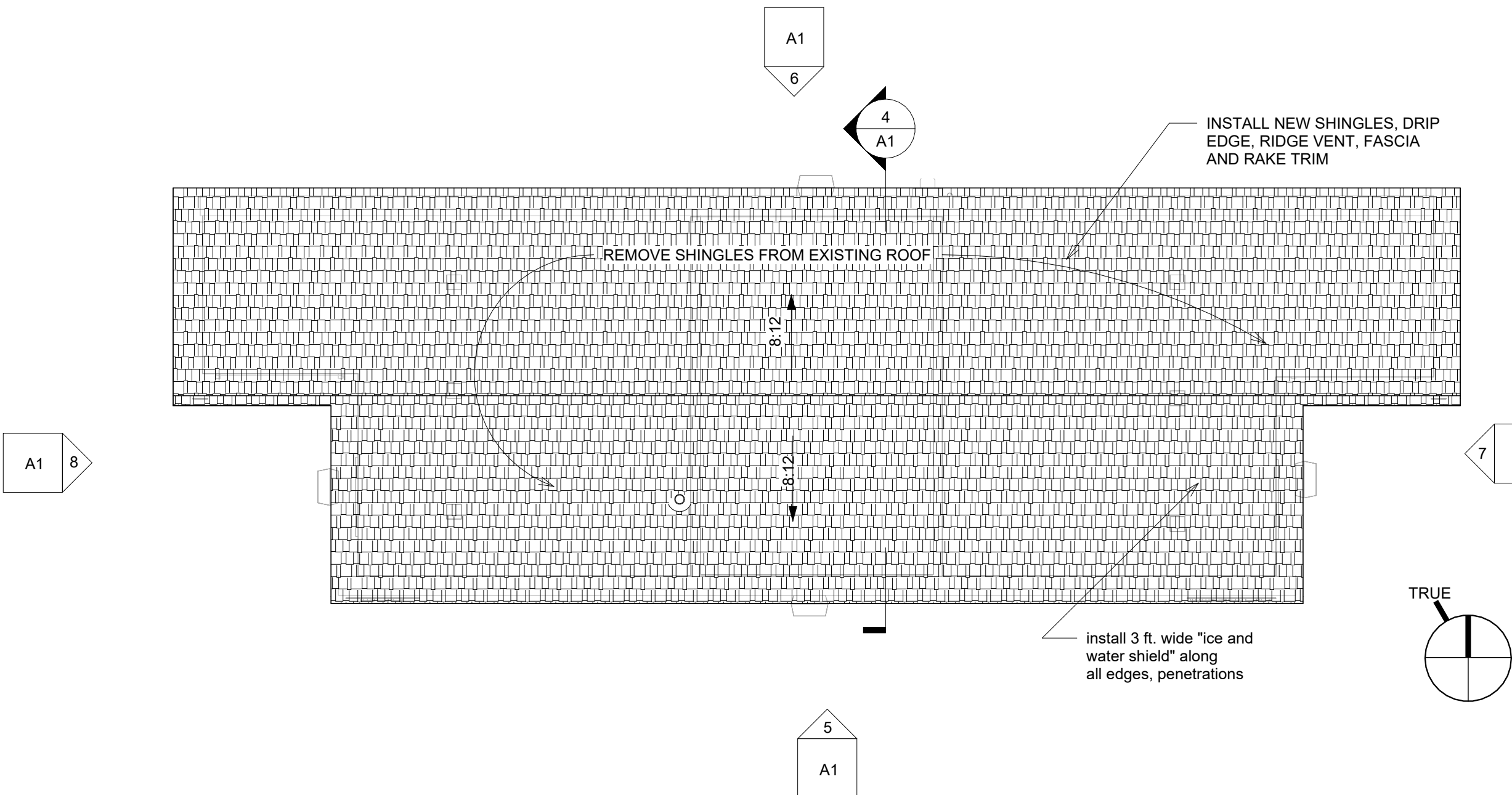
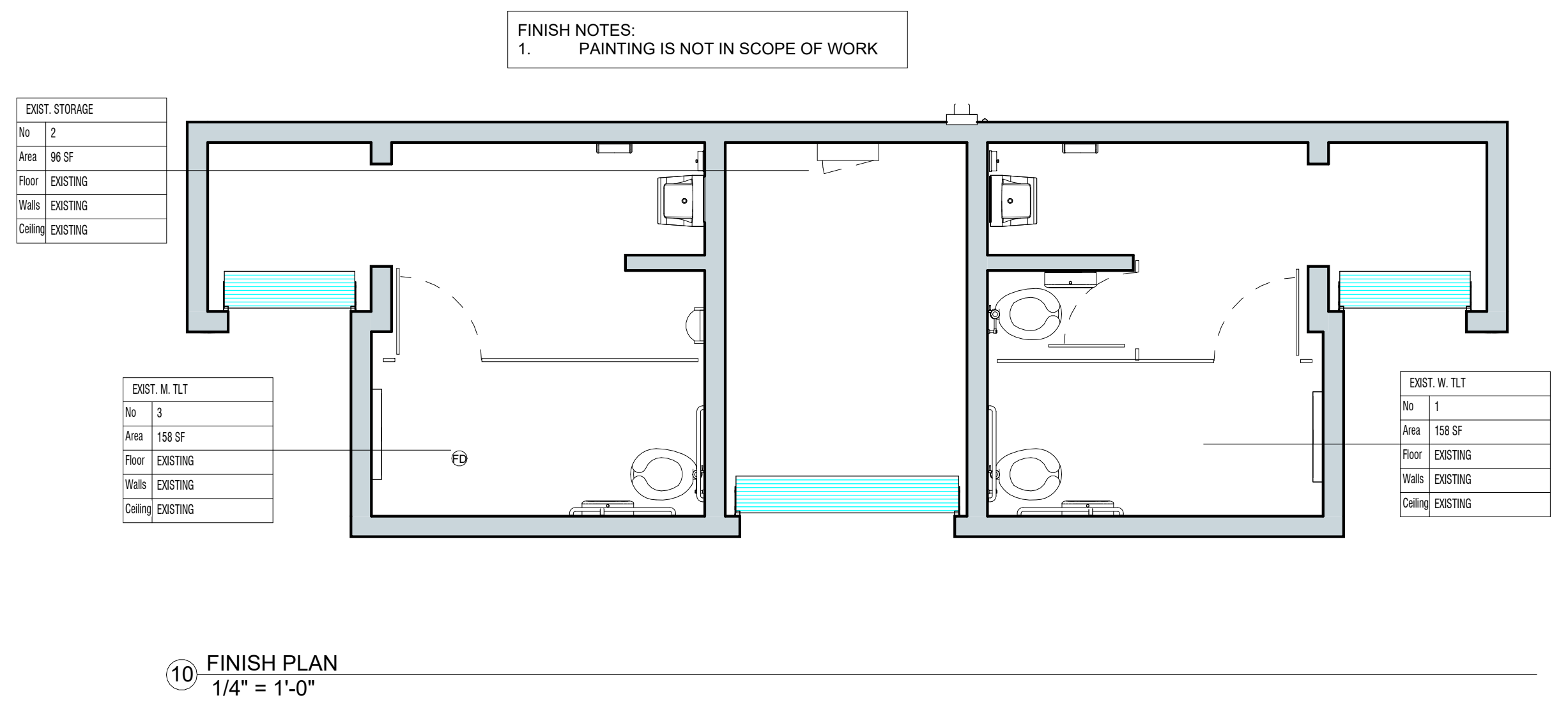
5 Race Track Hollow
Middlefield, CT 06455
Phone: 860-630-5322
www.wojas.us
email: jan@wojas.us

BATHROOM PLANS,
SECTIONS AND
ELEVATIONS

PROJ. NO. 2122-10 DRAWING NO.

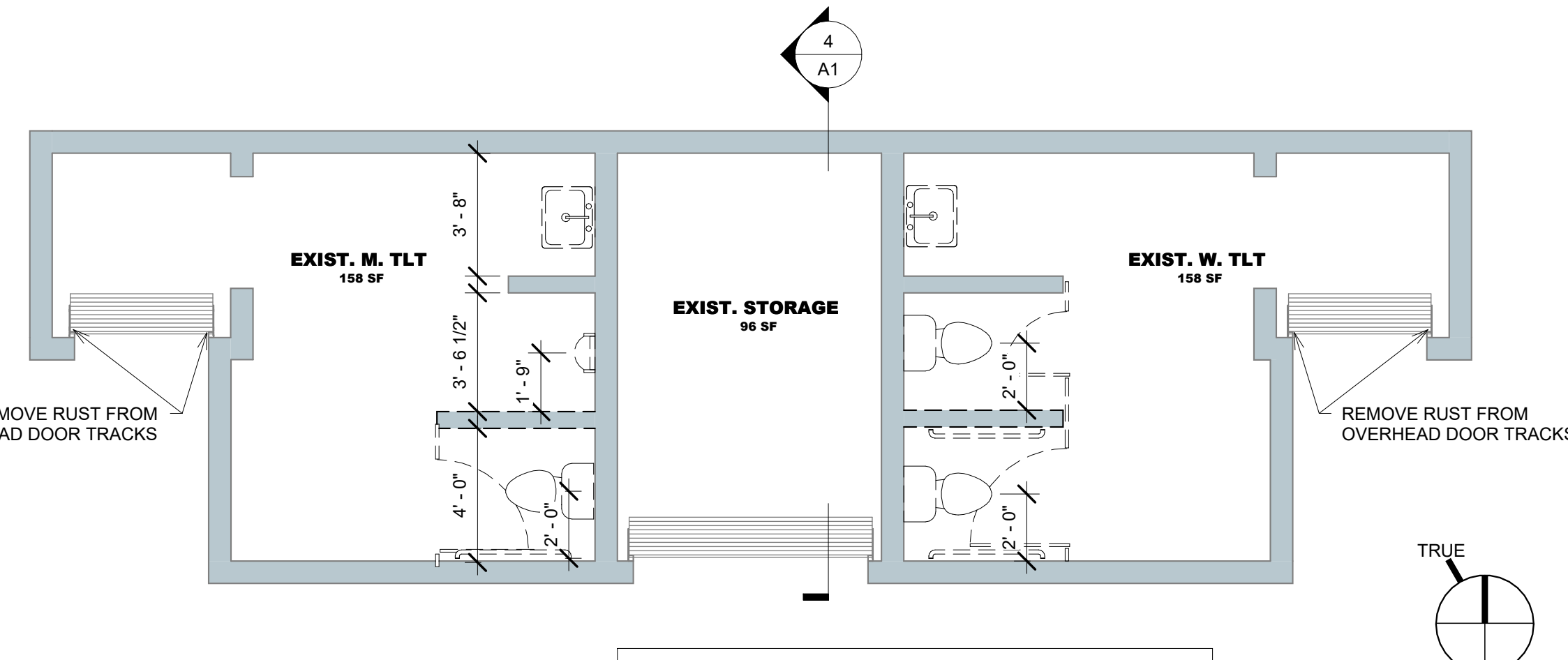
SCALE: As indicated **A1**

DATE: 3/7/2022



NOTES:

- SHOULD A CONTRACTOR FIND DISCREPANCIES OR AMBIGUITIES IN OR OMISSIONS FROM THE DRAWINGS OR TO BE IN DOUBT ABOUT THEIR MEANING, HE SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE JOB DURING THE CONSTRUCTION LAYOUT AND ADVISE THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY WORK
- DIMENSIONS ARE TO FACE OF MASONRY.

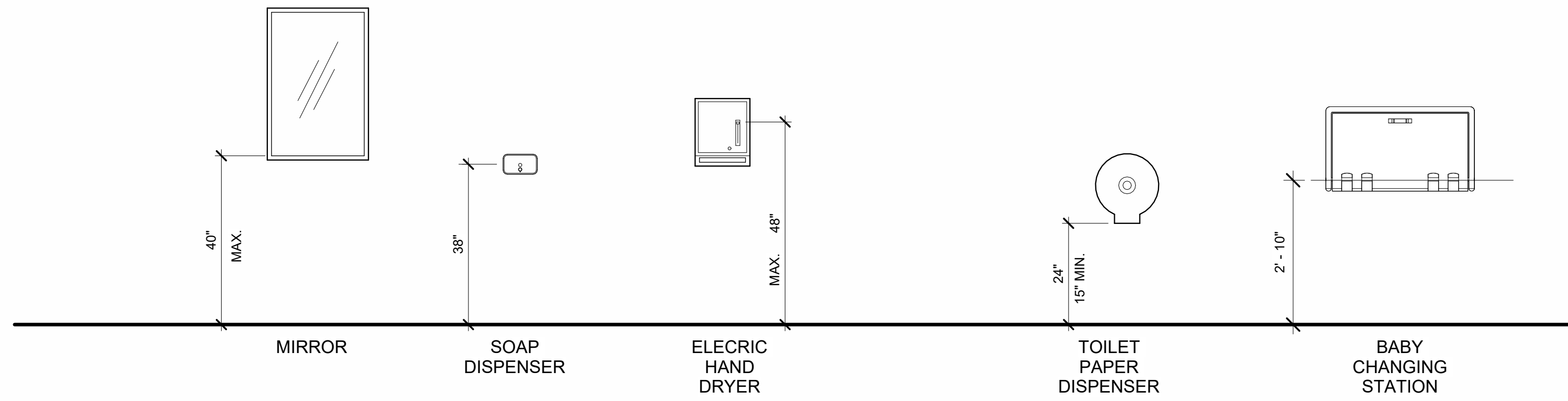


DEMO NOTES:

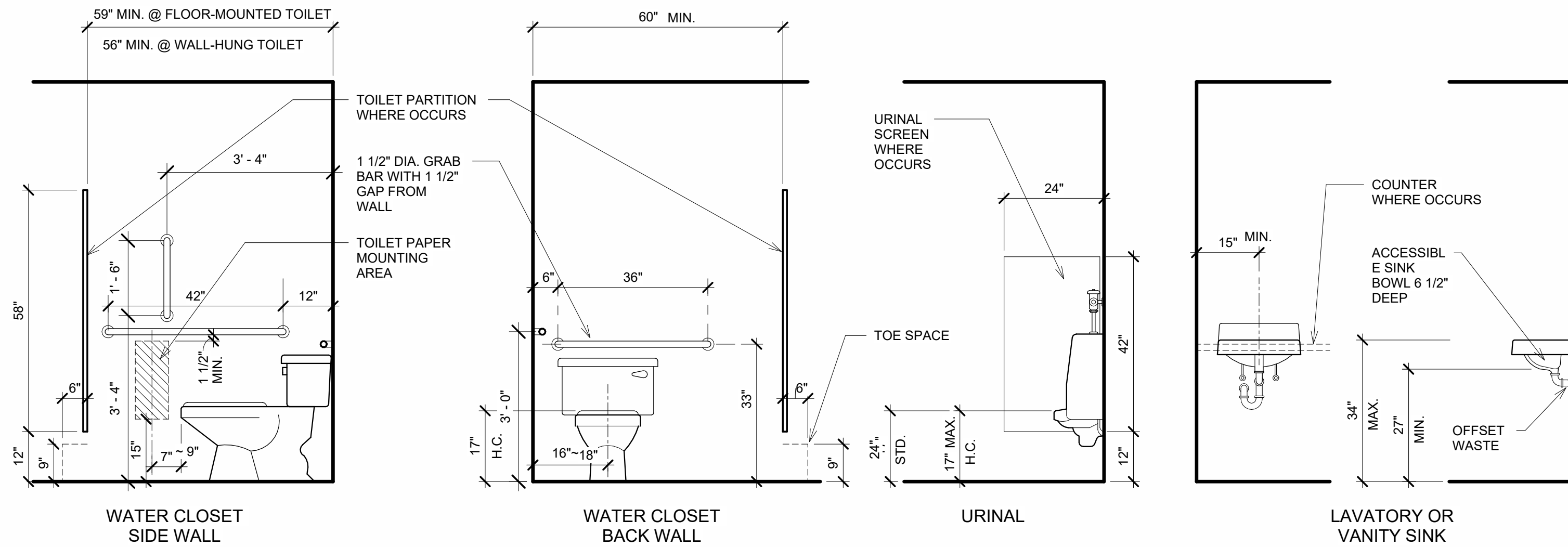
- REFER TO MECHANICAL / PLUMBING / ELECTRICAL DRAWINGS FOR ADDITIONAL DEMO INFORMATION.
- REMOVE EXISTING TOILET PARTITIONS.
- REMOVE EXISTING TOILET ACCESSORIES PATCH WALLS, FLOORS AND CEILING AFTER REMOVAL OF 6" CMU.
-

3/4/2022 4:40:29 AM
EXISTING DEMO PLAN
1/4" = 1'-0"

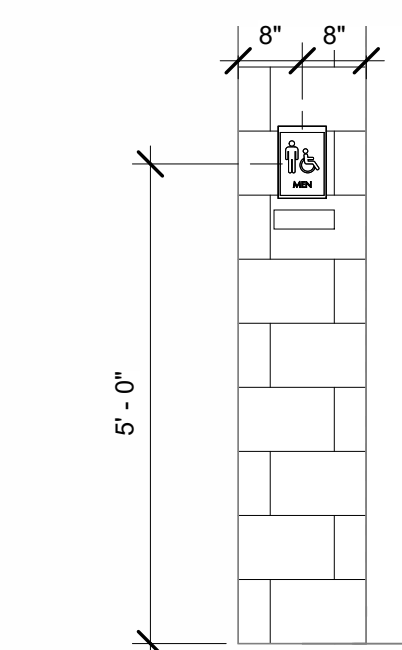
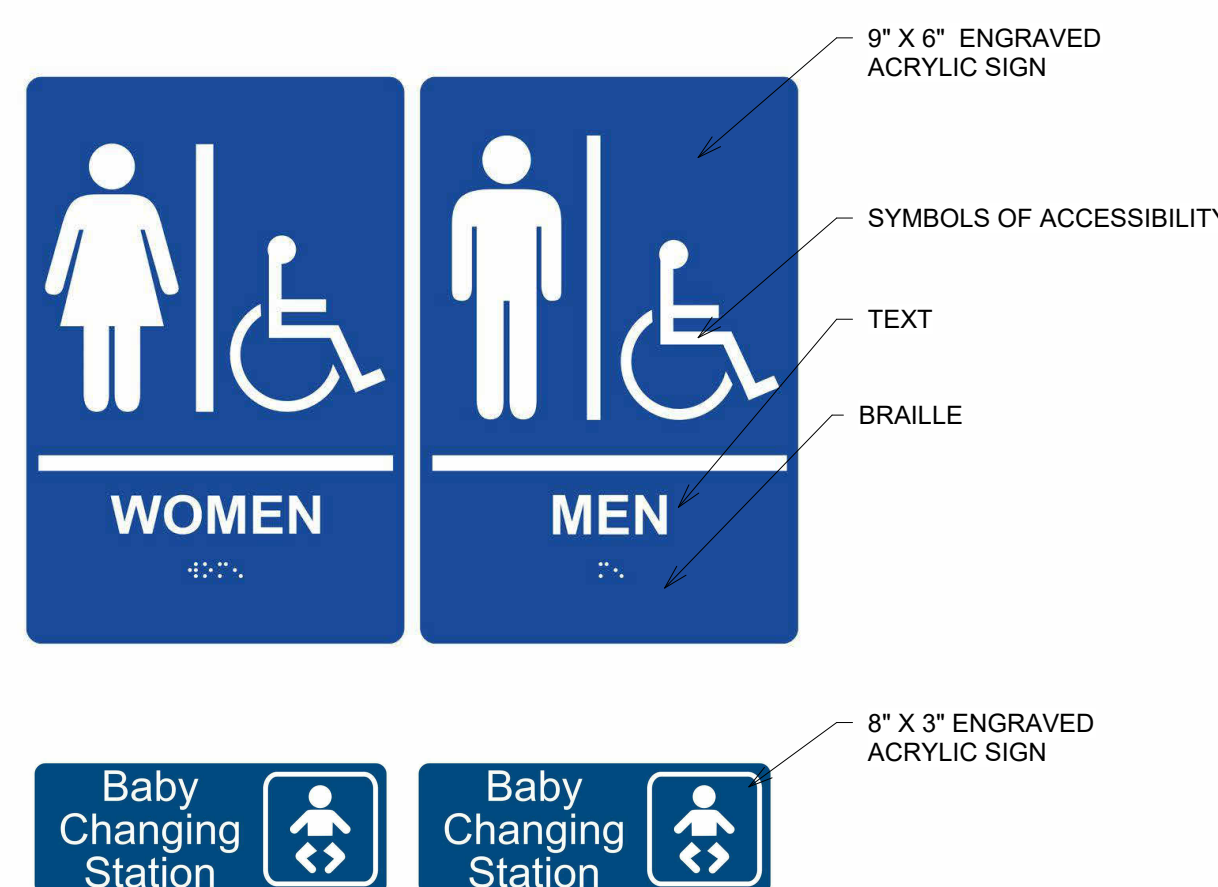
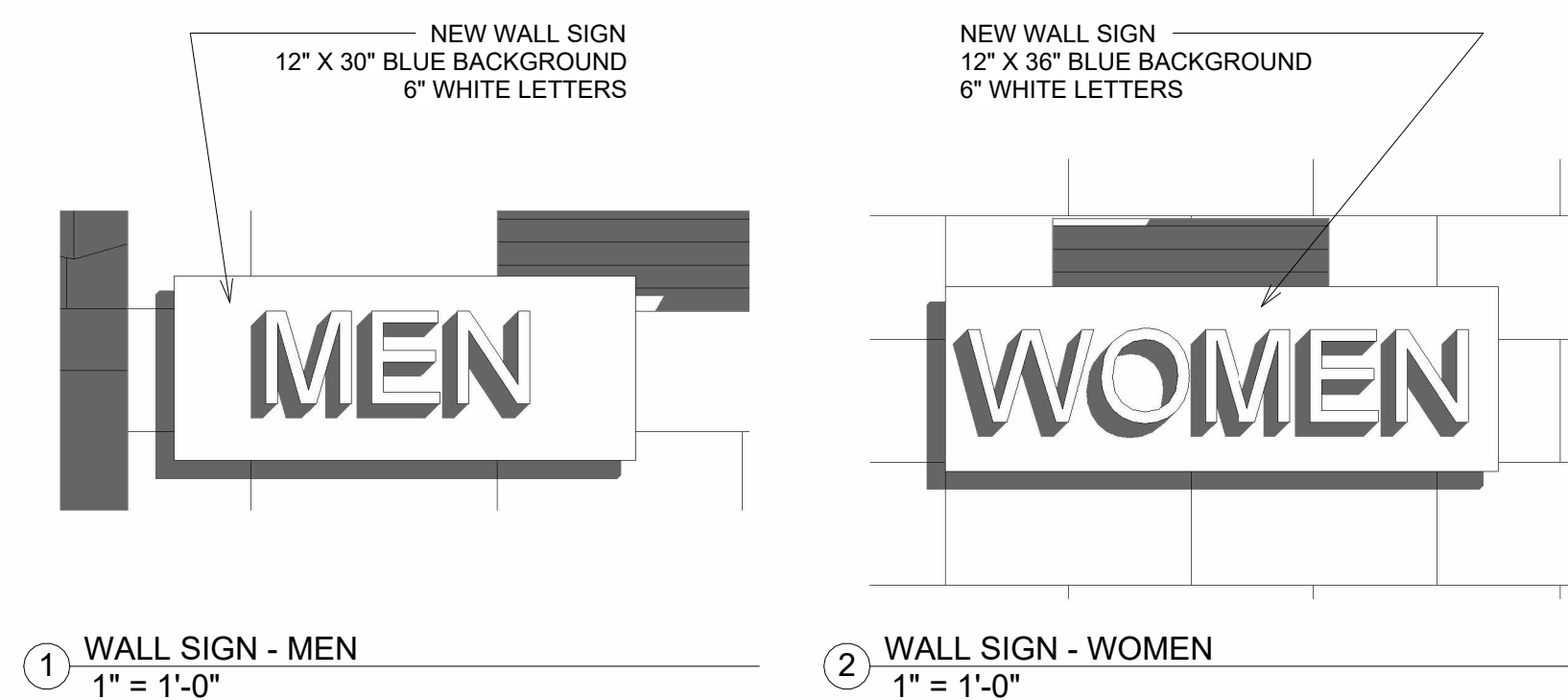
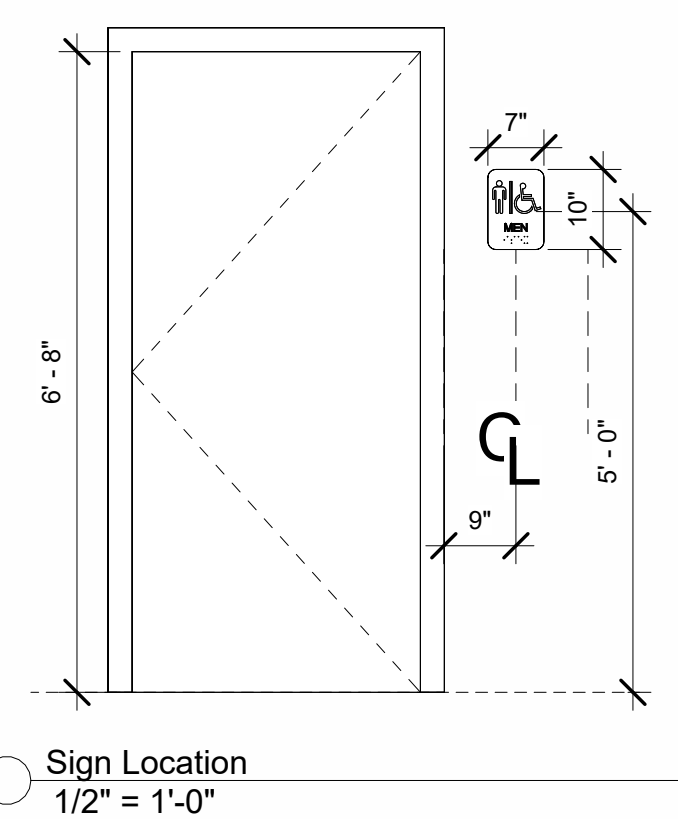
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TYPICAL TOILET ACCESSORIES MOUNTING HEIGHTS



TYPICAL PLUMBING FIXTURES AND ACCESSORIES MOUNTING HEIGHTS



SECTION 10800 - TOILET AND BATH ACCESSORIES

2.1 ACCEPTABLE MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide toilet accessories by one of the following:

1. American Specialties, Inc. (ASI)
2. Bobrick Washroom Equipment, Inc. (Bobrick), or equal.

2.2 MATERIALS, GENERAL

- A. Stainless Steel: AISI Type 302/304, with polished No. 4 finish, 0.034-inch (22-gage) minimum thickness.
- B. Brass: Leaded and unleaded, flat products, ASTM B 19; rods, shapes, forgings, and flat products with finished edges, ASTM B 16; Castings, ASTM B 30.
- C. Sheet Steel: Cold-rolled, commercial quality ASTM A 366, 0.04-inch (20-gage) minimum. Surface preparation and metal pretreatment as required for applied finish.
- D. Galvanized Steel Sheet: ASTM A 527, G60.
- E. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.
- F. Galvanized Steel Mounting Devices: ASTM A 153, hot-dip galvanized after fabrication.
- G. Fasteners: Screws, bolts, and other devices of same material as accessory unit, or of galvanized steel where concealed.

2.3 ELECTRIC HAND DRYER - see MEP specifications

2.4 TOILET TISSUE DISPENSERS (T.P.D.)

A. Stainless Steel Twin Jumbo Roll Toilet Tissue Dispenser:

1. Mounting: Surface mounted, concealed anchorage.
2. Cabinet: 18-8 S. type 304, 20 gauge stainless steel with satin finish. Equipped with a tumbler lock keyed like other toilet accessories.
3. Capacity: Spindles accommodate two toilet tissue rolls up to 10" diameter with 3" diameter core, or remove outer spindle from the inner spindles to accommodate 2 1/4" diameter core rolls.
4. Subject to conformance with requirements, provide "Model B-2892, Bobrick.

2.6.5 GRAB BARS (G.B.)

A. Stainless Steel Type: Provide grab bars with wall thickness not less than 0.05 inch (18 gage) and as follows:

1. Mounting: Concealed, manufacturer's standard flanges and anchorages.
2. Clearance: 1-1/2-inch clearance between wall surface and inside face of bar.
3. Gripping Surfaces: Manufacturer's standard nonslip texture.
4. Heavy-Duty Size: Outside diameter of 1-1/2 inches.
5. Subject to conformance with requirements, provide grab bar units manufactured by Bobrick Washroom Equipment, Inc.:

- a. "Model B-6806x36", for rear wall installation
- a. "Model B-6806x42", for side wall installation
- b. "Model B-6806x18", for side wall installation
- c. "Model B-4998", for swing-up grab bar
- d. "Model B-68616", for boot wash at Stair 3
- e. "Model B-6806x48", for boot wash at Stair 3

2.6 ROBE HOOKS (R.H.)

A. Single-Prong Single Robe Hook: Heavy-duty satin finished stainless steel single-prong robe hook; rectangular wall bracket with backplate for concealed mounting.

1. Subject to conformance with requirements, provide "Model B-2116", Bobrick.

2.7 SOAP DISPENSERS (S.D.)

A. Wall Mounted:

1. Surface mounted soap dispenser for liquid and lotion soaps and detergents.
2. Capacity: 40 fluid ounces.
3. Construction: 18-8 S, type 304, 22 gauge stainless steel with satin finish. Body is drawn, one-piece seamless construction. Back plate has mounting bracket attached. Furnished with concealed wall plate.
4. Subject to conformance with requirements, provide "Model B-2111", Bobrick.

2.8 MIRRORS (M.W.F.)

A. Wall Mounted Mirrors with Frames:

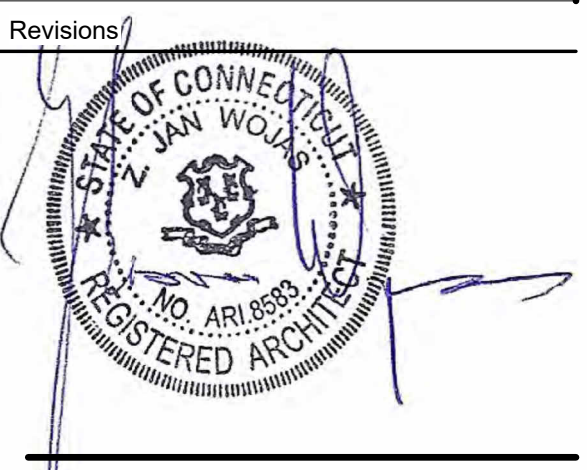
1. Subject to conformance with requirements, provide "Model B-166-1830", BOBRICK.
2. Quantity: Provide one (1) unit for Male Bathroom, one (1) unit for Female Bathroom.

2.9 BABY CHANGING STATION (B.C.S.)

A. Wall Mounted:

1. Subject to conformance with requirements, provide "Model KB200-01", KOALA KARE.
2. Quantity: Provide one (1) unit for Male Bathroom, one (1) unit for Female Bathroom.

RENOVATION TO EXISTING BATHROOM AT QUINNIPIAC PARK
QUINNIPIAC PARK, 1325 CHESHIRE STREET, CHESHIRE, CT

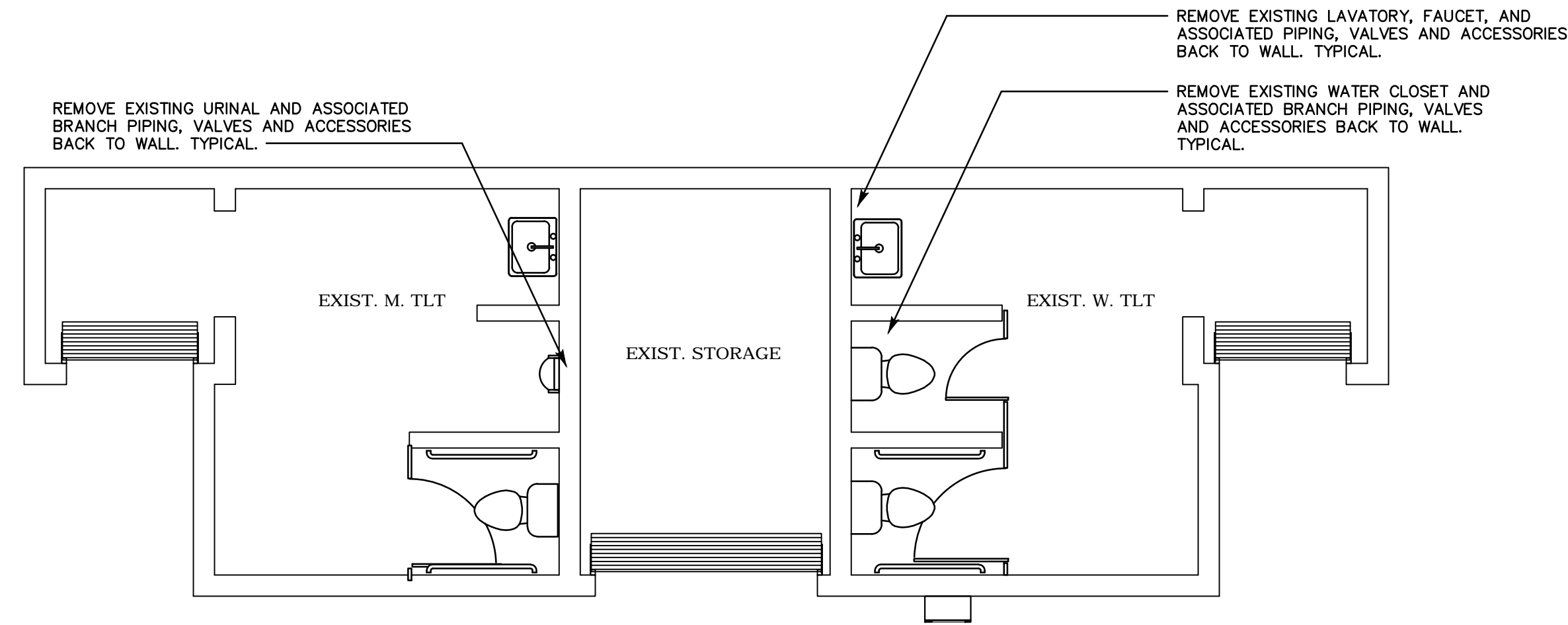


WOJAS.ARCH, LLC

5 Race Track Hollow
 Middlefield, CT 06455
 Phone: 860-930-5322
 www.wojas.us
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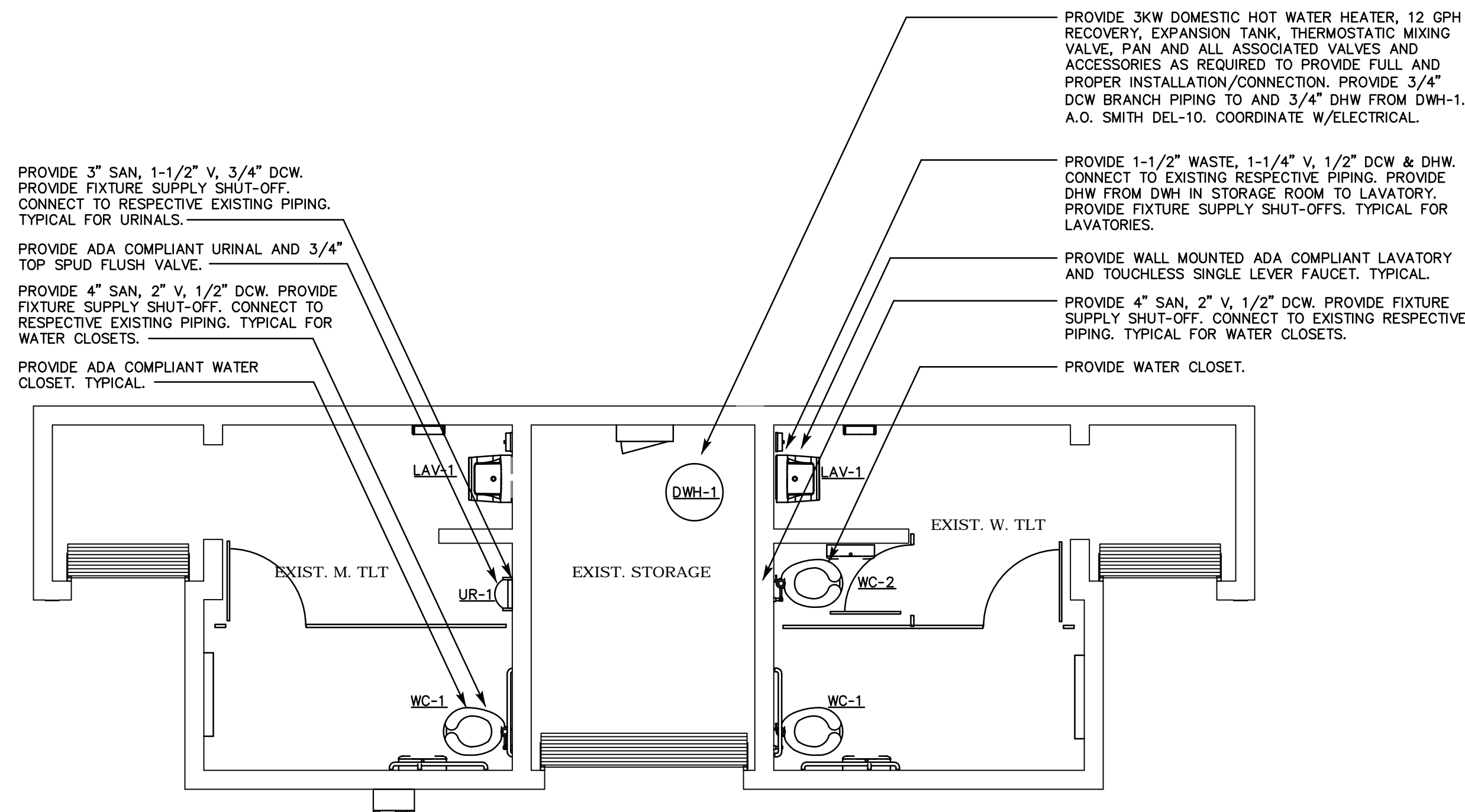
HANDICAP SIGNS AND ACCESSORIES

PROJ. NO. 2122-10	DRAWING NO. A2
SCALE: As indicated	
DATE: 3/7/2022	



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

EXISTING CONDITIONS NOTE:
 THE CONTRACTOR(S) SHALL VISIT THE SITE PRIOR TO BIDDING, NOTING EXISTING CONDITIONS AND EQUIPMENT. IF SAID EQUIPMENT IS NOT BEING REMOVED AS PART OF THE PROJECT OR IS NOTED AS EXISTING TO REMAIN AND IMPEDES PROVIDING PROPOSED EQUIPMENT AND/OR PROVIDING PROPOSED SCOPE OF WORK, EQUIPMENT SHALL BE TEMPORARILY RELOCATED AND COMPLETELY REINSTALLED AFTER PROPOSED SCOPE OF WORK IS COMPLETED. THIS SHALL BE PART OF THE BASE BID AND CONTRACTOR(S) SHALL BID ACCORDINGLY, NO ADDITIONAL COMPENSATION WILL BE CONSIDERED FOR RELATED WORK OR COORDINATION WITH EXISTING CONDITIONS.



PLUMBING PLAN - PROPOSED
 SCALE: 1/4"=1'-0"

- GENERAL NOTES:**
- CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING AND BECOME INFORMED AS TO THE EXISTING CONDITIONS AND THE NATURE AND SCOPE OF WORK REQUIRED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK INCLUDING TOOLS, MATERIAL, MANPOWER, ETC. REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF PROPOSED MATERIALS, FIXTURES AND/OR EQUIPMENT.
 - ALL WORK REQUIRED SHALL BE PERFORMED BY QUALIFIED, LICENSED PERSONNEL AS REQUIRED BY ALL APPLICABLE CODES AND STANDARDS.
 - DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND DIMENSIONS OF EXISTING MATERIALS, FIXTURES AND/OR EQUIPMENT WITHIN AND AFFECTING PROJECT SCOPE OF WORK.
 - ALL WORK TO BE DONE IN ACCORDANCE WITH STATE AND LOCAL CODE.
 - ALL SERVICE DISRUPTIONS MUST BE SCHEDULED A MINIMUM OF 72 HOURS IN ADVANCE WITH THE OWNER'S REPRESENTATIVE.
 - ALL WORK SHALL BE COORDINATED AMONG ALL PROJECT DISCIPLINES, EXISTING CONDITIONS, ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES, AND AUTHORITIES HAVING JURISDICTION.
 - CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS BEFORE ORDERING ANY FIXTURE OR MATERIALS.
 - INTEGRITY OF ALL FIRE-RATED WALLS BETWEEN SECTIONS OF THE BUILDING SHALL BE MAINTAINED. TYPICAL.
 - CONTRACTOR SHALL BE RESPONSIBLE TO FOLLOW ALL STATE AND LOCAL CODES AND STANDARDS. ALL EQUIPMENT/FIXTURES, AS NOTED, SHALL BE PROVIDED MEETING ANSI A117.1-2003 CODES AND STANDARDS WHERE APPLICABLE. ANY OUT OF COMPLIANCE FINES DUE TO IMPROPER INSTALLATION OR NON-COMPLIANT EQUIPMENT/FIXTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

- PLUMBING NOTES:**
- CONTRACTOR SHALL PROVIDE ALL PIPING, FITTINGS AND ACCESSORIES REQUIRED FOR PROPER INSTALLATION OF, CONNECTION TO, AND OPERATION OF PROPOSED FIXTURES AND EQUIPMENT. COORDINATE WORK WITH ALL OTHER PROJECT DISCIPLINES, AND ALL APPLICABLE CODES AND STANDARDS. COORDINATE ALL PIPE SIZES AND ROUTING WITH EXISTING CONDITIONS. TYPICAL.
 - ALL MATERIALS SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND/OR REFERENCED STANDARDS REQUIRED BY CODES. PROVIDE MATERIALS ACCORDINGLY. TYPICAL.
 - ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAPS WITH TRAP PRIMER CONNECTIONS. INSTALL TRAP PRIMER AND ASSOCIATED PIPING PER MANUFACTURER'S INSTRUCTIONS AND CODE. TYPICAL.
 - ALL ABOVE GRADE DOMESTIC WATER PIPING SHALL BE ASTM B88 TYPE L COPPER. TYPICAL.
 - PROVIDE SHUT OFF VALVES, FULL SIZE OF PIPE, AT ALL DOMESTIC WATER BRANCHES TO PROPOSED FIXTURES. TYPICAL.
 - PROVIDE CLEANOUTS FOR PROPOSED SANITARY PIPING AS REQUIRED PER CURRENT APPLICABLE CODES AND STANDARDS. TYPICAL.
 - PROVIDE PLUMBING FIXTURES OF TYPE INDICATED. PROVIDE ALL PIPING, VALVES AND ACCESSORIES AS REQUIRED FOR FULL AND PROPER INSTALLATION PER CURRENT CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. TYPICAL.
 - EXISTING CLEANOUTS LOCATED ABOVE FINISHED FLOOR SHALL BE REMOVED AND REPLACED WITH FLOOR CLEANOUT AND COVER MOUNTED FLUSH WITH FINISHED FLOOR. TYPICAL.

NOTE:
 PITCH DOMESTIC WATER PIPING. PROVIDE LOW POINT DRAINS AS REQUIRED FOR WINTERIZATION. TYPICAL.

Revisions

Revisions

PLUMBING GENERAL NOTES

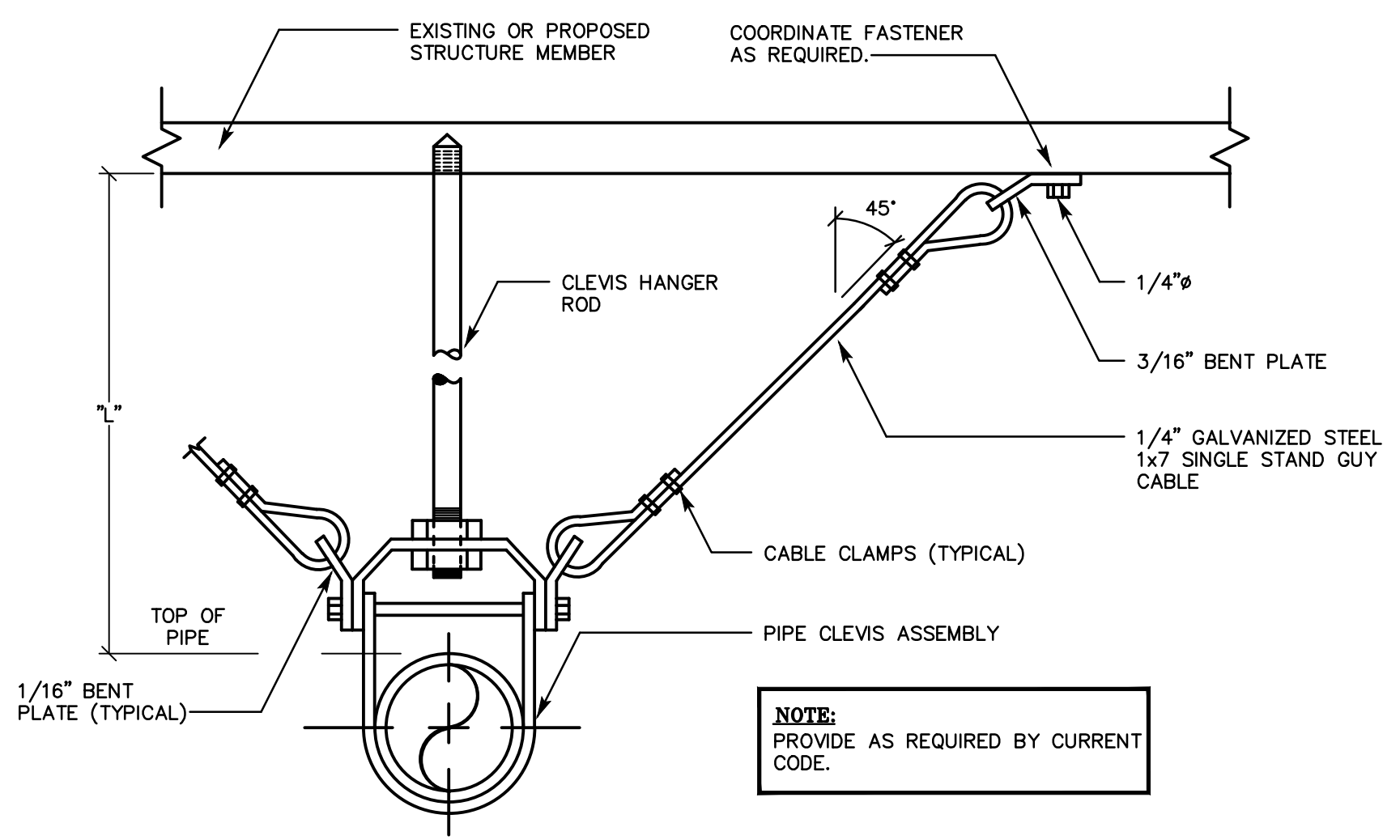
- NOTES BELOW ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.
- PROVIDE FIXTURE SHUT-OFF VALVES AND P-TRAPS FOR ALL FIXTURES PROVIDED. PROVIDE SANITARY, WASTE AND DOMESTIC WATER PIPING AS REQUIRED FOR ALL FIXTURES PROVIDED.
- REFER TO AND CAREFULLY CHECK ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND DETAILS, NOTING LOCATIONS WHERE WALLS, PARTITIONS, CEILINGS AND OTHER SURFACES ARE FURRED, LOCATION OF PIPE SLEEVES, LOCATIONS OF PIPE SHAFTS AND CONFLICTS WITH WORK OF OTHER TRADES AND ARRANGE WORK ACCORDINGLY. FURNISH ALL OFFSETS, FITTINGS, VALVES, DRAINS, ETC. REQUIRED TO MEET SUCH CONDITIONS.
- DUE TO SCALE OF DRAWINGS, ALL REQUIRED OFFSETS, FITTINGS, VALVES, DRAINS, ETC. MAY NOT BE INDICATED.
- ALL PIPING PASSING THROUGH FIRE RATED WALLS SHALL BE PROVIDED WITH SCHEDULE 40 STEEL PIPE SLEEVES AND SPACE BETWEEN EXTERIOR OF PIPE AND INTERIOR OF PIPE SLEEVE PACKED WITH A FIRE RATED MATERIAL EQUAL TO THE RATING OF THE WALL.
- UNLESS OTHERWISE INDICATED, PROVIDE A COMPLETE AND OPERATIONAL MECHANICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR AND EQUIPMENT.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING CODES.
- THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY."
- WHERE THE CONTRACTOR PROPOSES TO USE AN ITEM OF EQUIPMENT OTHER THAN THAT SPECIFIED OR DETAILED ON THE DRAWINGS WHICH REQUIRES ANY REDESIGN OF THE STRUCTURE, PARTITIONS, FOUNDATIONS, PIPING, WIRING OR ANY OTHER PART OF THE MECHANICAL, ELECTRICAL OR ARCHITECTURAL LAYOUT, ALL SUCH REDESIGN AND ALL NEW DRAWINGS AND DETAILING REQUIRED THEREFORE, SHALL BE PREPARED AT THE CONTRACTOR'S EXPENSE AND ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE OWNER OR HIS AUTHORIZED REPRESENTATIVE. OWNER RESERVES THE RIGHT TO HAVE THE ARCHITECT OR ENGINEER OF HIS CHOICE PREPARE ANY REDESIGN WORK.
- ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR PIPE SLOPE AND ANCHORAGE.
- BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ACCEPTED:
 - INTERNATIONAL BUILDING CODE
 - CONNECTICUT BUILDING CODE AND SUPPLEMENT
 - INTERNATIONAL MECHANICAL CODE
 - ASTM & ANSI STANDARDS.
 - INTERNATIONAL PLUMBING CODE
 - FIRE SAFETY CODE
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND PAYMENT FOR ALL UTILITIES DAMAGED DURING CONSTRUCTION.
- CONTRACTOR TO CONFIRM PIPE LOCATIONS, ELEVATIONS, AND SIZES BEFORE ANY WORK IS STARTED. IF ANY DISCREPANCIES ARE FOUND NOTIFY ENGINEER BEFORE PROCEEDING WITH WORK.
- PROVIDE WATER SERVICE SHUT OFF VALVES ON WATER SUPPLY IMMEDIATELY ADJACENT TO PLUMBING FIXTURES.
- PROVIDE SEISMIC BRACING OF ALL PLUMBING PIPES PER THE CONNECTICUT BUILDING CODE.
- PROVIDE WATER HAMMER ARRESTERS FOR ALL FLUSH VALVES. SIZE AND LOCATE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR INSTALLATION OF PROVIDED EQUIPMENT.
- ALL PIPES THAT PENETRATE WALLS, FLOORS AND CEILINGS IN FINISHED AREAS SHALL RECEIVE CHROME PLATED METAL ESCUTCHEONS.
- ALL SHOP DRAWINGS OF INDIVIDUAL COMPONENTS ARE TO BE SUBMITTED AS A COMPLETE PACKAGE.
- ALL SHOP DRAWINGS OF RELATED COMPONENTS SHALL BE SUBMITTED AS A COMPLETE PACKAGE.
- ALL WORK IN INTERIOR FINISHED SPACES IS TO BE CONCEALED BEHIND WALLS, ABOVE CEILINGS, OR UNDER THE FLOOR. PROVIDE ALL NECESSARY CUTTING, PATCHING, REPAINTING AND/OR REPLACEMENT OF FINISHES AS REQUIRED TO PERFORM WORK.
- WRITTEN REQUESTS FOR PLANNED SHUTDOWN OR INTERRUPTION OF BUILDING SERVICES, SYSTEMS OR EQUIPMENT SHALL BE MADE IN WRITING 72 HOURS PRIOR TO START OF THE REQUESTED SHUTDOWN PERIOD.
- SUPPORT PIPING ABOVE SUSPENDED CEILING, FROM CONSTRUCTION ABOVE, AS CLOSE AS POSSIBLE TO BOTTOM OF SLABS, BEAMS, MAINTAINING MAXIMUM HEADROOM AT ALL TIMES.
- PROVIDE CLEANOUTS PER PLUMBING CODE.
- ISLE AND CORRIDOR WAYS THROUGH CONSTRUCTION AREAS WHICH ARE REQUIRED FOR EGRESS (NORMAL OR EMERGENCY) SHALL BE KEPT CLEAR OF MATERIAL, EQUIPMENT, & DEBRIS.
- ALL WORK SHALL BE LICENSED WORKMAN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- INSULATE PLUMBING PIPING AS REQUIRED PER IBC AND LOCAL CODE REQUIREMENTS. TYPICAL.

PLUMBING SYMBOL LIST

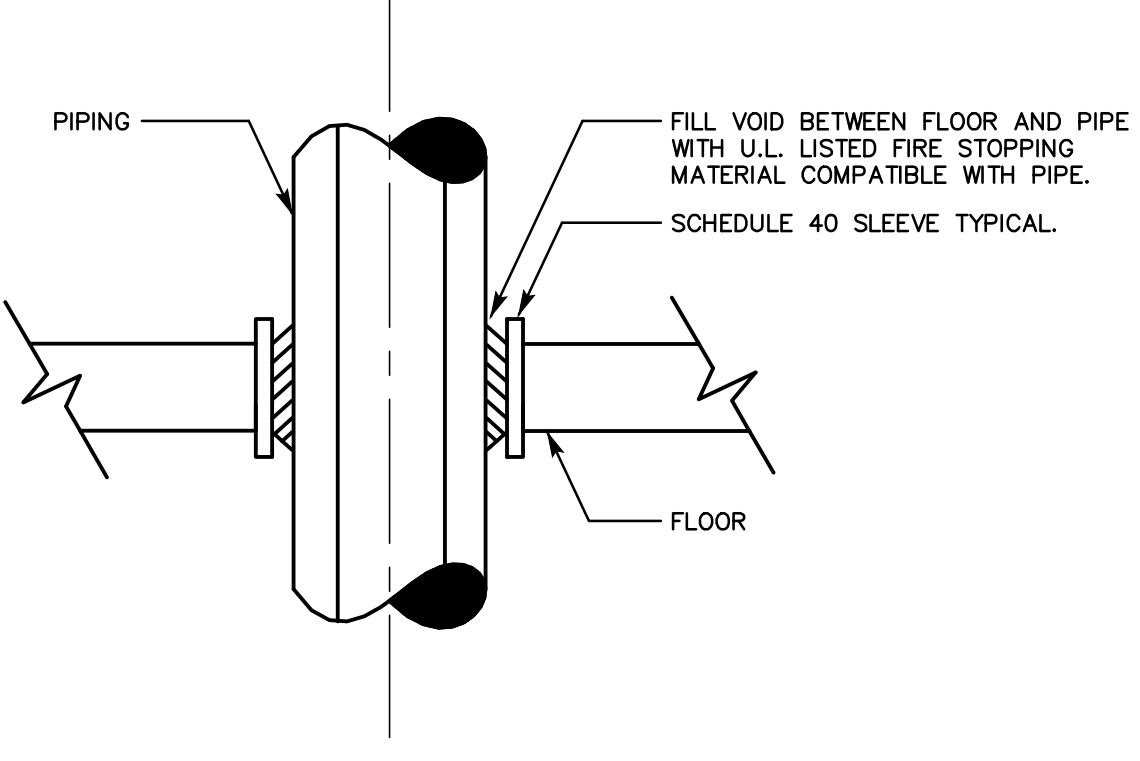
	BALL VALVE
	GATE VALVE
	CAP
	PIPE ELBOW, TURNED UP
	PIPE ELBOW, TURNED DOWN
	DOMESTIC COLD WATER SUPPLY PIPING
	DOMESTIC HOT WATER SUPPLY PIPING
	SANITARY VENT PIPING
	PIPING TO BE PROVIDED
	UNDER SLAB PIPING TO BE PROVIDED
	CLEAN OUT
	FLOOR DRAIN
	TRAP PRIMER
	NON-FREEZE WALL HYDRANT

PLUMBING ABBREVIATIONS

C.O.	CLEANOUT
DCW	DOMESTIC COLD WATER SUPPLY
DHW	DOMESTIC HOT WATER SUPPLY
DN	DOWN
DWH	DOMESTIC WATER HEATER
ET	EXPANSION TANK
FD	FLOOR DRAIN
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
LAV	LAVATORY
NFWH	NON-FREEZE WALL HYDRANT
NTS	NOT TO SCALE
SAN	SANITARY
TM	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
UR	URINAL
VTR	SANITARY VENT THROUGH ROOF
WC	WATER CLOSET

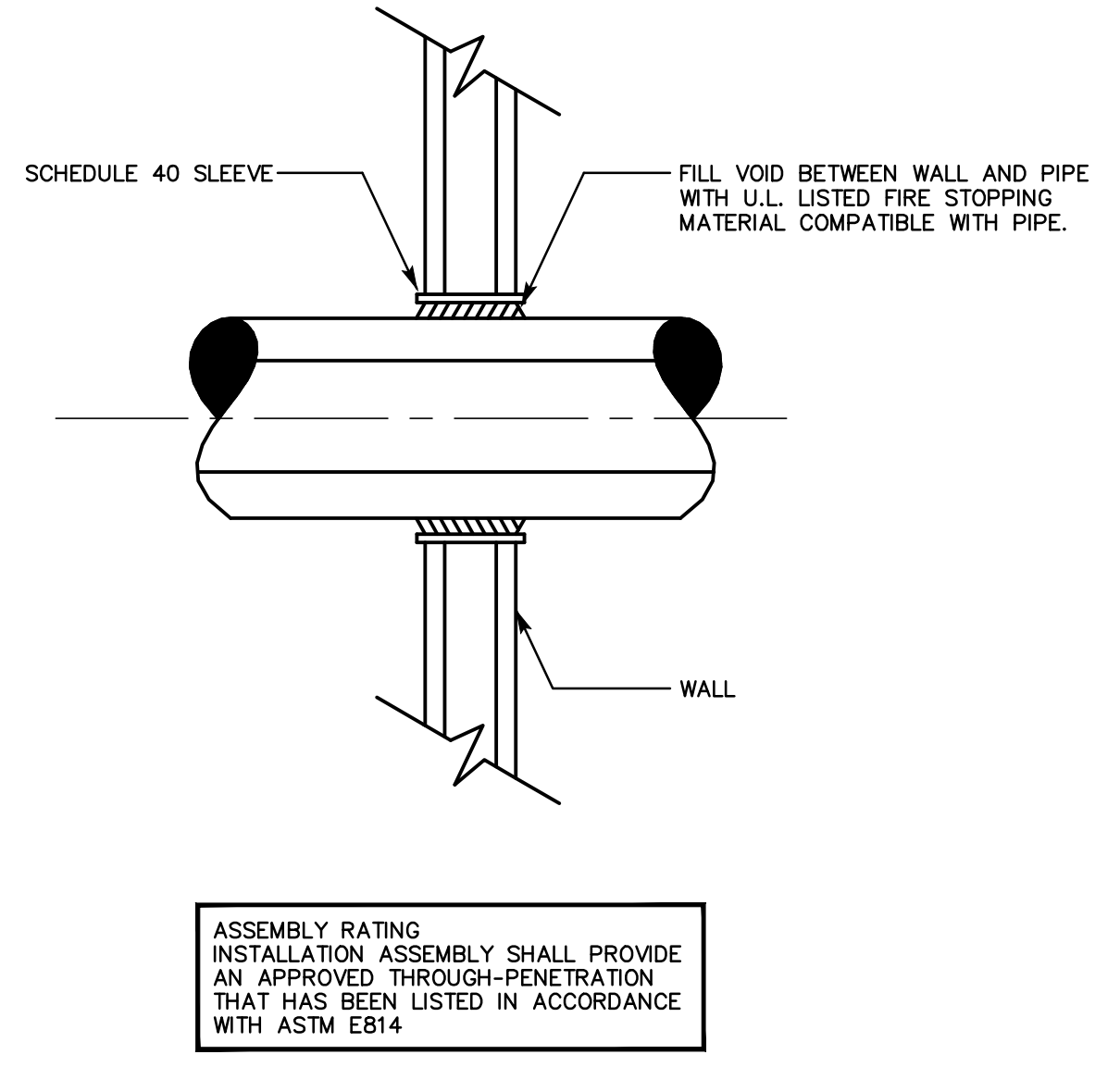


TYPICAL SEISMIC RESTRAINT ASSEMBLY OF SUSPENDED PIPING
 SCALE: N.T.S.

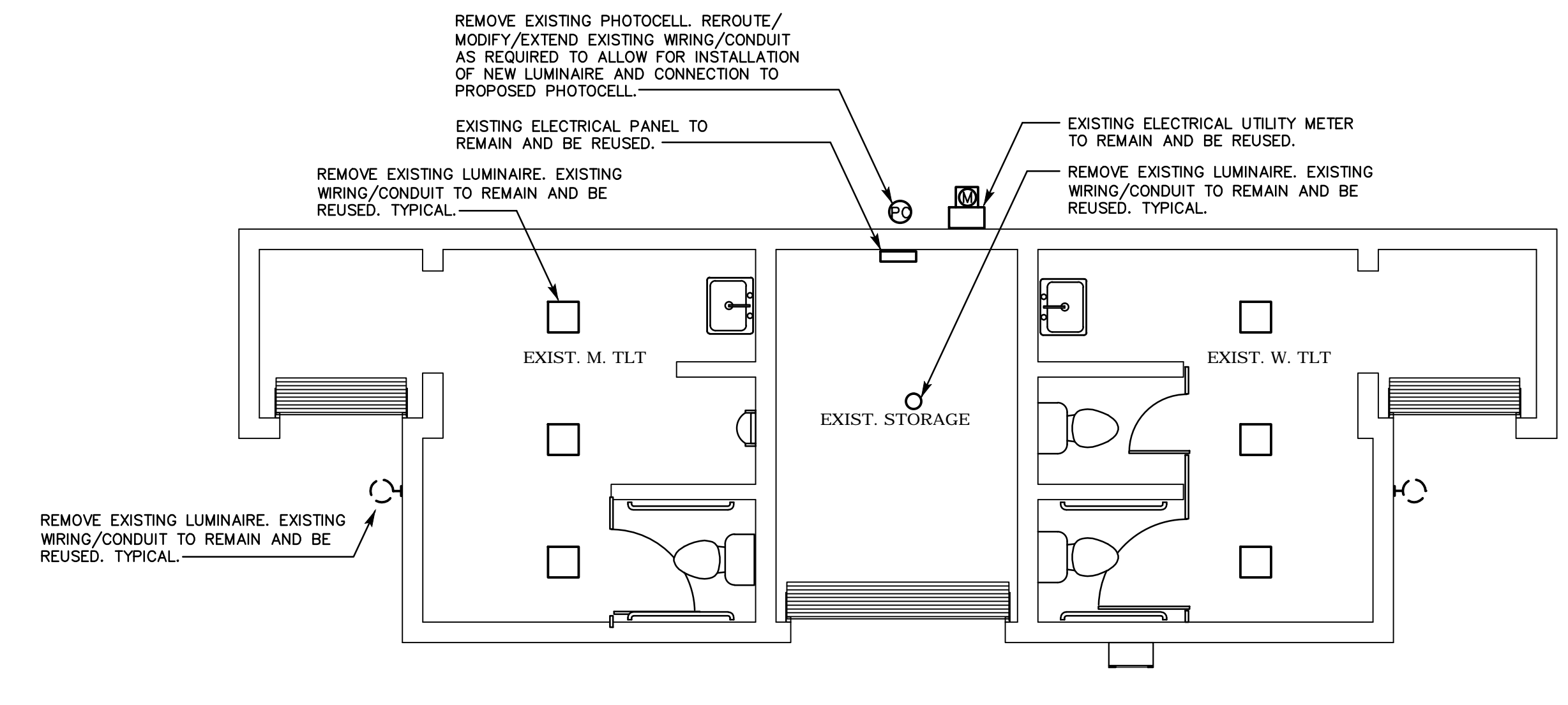


TYPICAL FLOOR PIPE PENETRATION FIRE STOPPING DETAIL
 SCALE: N.T.S.

PLUMBING FIXTURE SCHEDULE			
DESIGNATION	DESCRIPTION	FIXTURE	FITTINGS
LAV-1	LAVATORY WALL MOUNT ANSI A117.1 COMPLIANT	VITREOUS CHINA, 20-1/2"x18-1/4" SELF-RIMMING FRONT OVERFLOW, BACK AND SIDE SPLASH SHIELDS AMERICAN STANDARD LUCERNE MOUNT AS REQUIRED FOR ADA/ANSI COMPLIANCE	ELECTRONIC TOUCHLESS FAUCET & XFMR BRASS AND COPPER WATERWAY, ADJUSTABLE HOT LIMIT SAFETY STOP, SLOAN ETF-600
UR-1	URINAL WALL MOUNT ANSI A117.1 COMPLIANT	VITREOUS CHINA, SIPHON JET, 3/4" TOP SPUD, 1.0 GPF AMERICAN STANDARD ALLBROOK MOUNT AS REQUIRED FOR ADA/ANSI COMPLIANCE	PROVIDE WITH SENSOR OPERATED FLUSH VALVE SLOAN ROYAL 180 ESS
WC-1	WATER CLOSET FLOOR MOUNTED REAR DISCHARGE ANSI A117.1-2003 COMPLIANT	LOW CONSUMPTION, VITREOUS CHINA, ELONGATED, COMFORT HEIGHT 16-1/2", 1.6 GPF CLOSE-COUPLED TANK AMERICAN STANDARD YORKVILLE 2878.016	SOLID PLASTIC ELONGATED SEAT OPEN FRONT, NO COVER
WC-2	WATER CLOSET FLOOR MOUNTED	LOW CONSUMPTION, VITREOUS CHINA, ROUND FRONT COMFORT HEIGHT 16-1/2", 1.28 GPF CLOSE-COUPLED TANK AMERICAN STANDARD CADET 270BA.101	SOLID PLASTIC SEAT OPEN FRONT, NO COVER
NOTES: 1. INSULATE SUPPLIES AND WASTE FOR ALL ANSI A117.1-2003 COMPLIANT FIXTURES WITH HANDI-LAV GUARD BY TRUEBRO, TYPICAL. 2. SEE PLUMBING FLOOR PLANS FOR FURTHER REQUIREMENTS. TYPICAL. 3. PROVIDE HEAVY DUTY ADJUSTABLE FIXTURE CARRIERS. TYPICAL. 4. TRIP LEVERS/FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF ANSI A117.1-2003 COMPLIANT WATER CLOSETS. TYPICAL. 5. PROVIDE TRANSFORMERS FOR ALL TOUCHLESS FIXTURES. COORDINATE QUANTITY OF FIXTURES PER TRANSFORMER WITH ELECTRICAL AND MANUFACTURER'S REQUIREMENTS. COORDINATE REQUIREMENTS AND INSTALLATION W/DIV. 16. TYPICAL.			



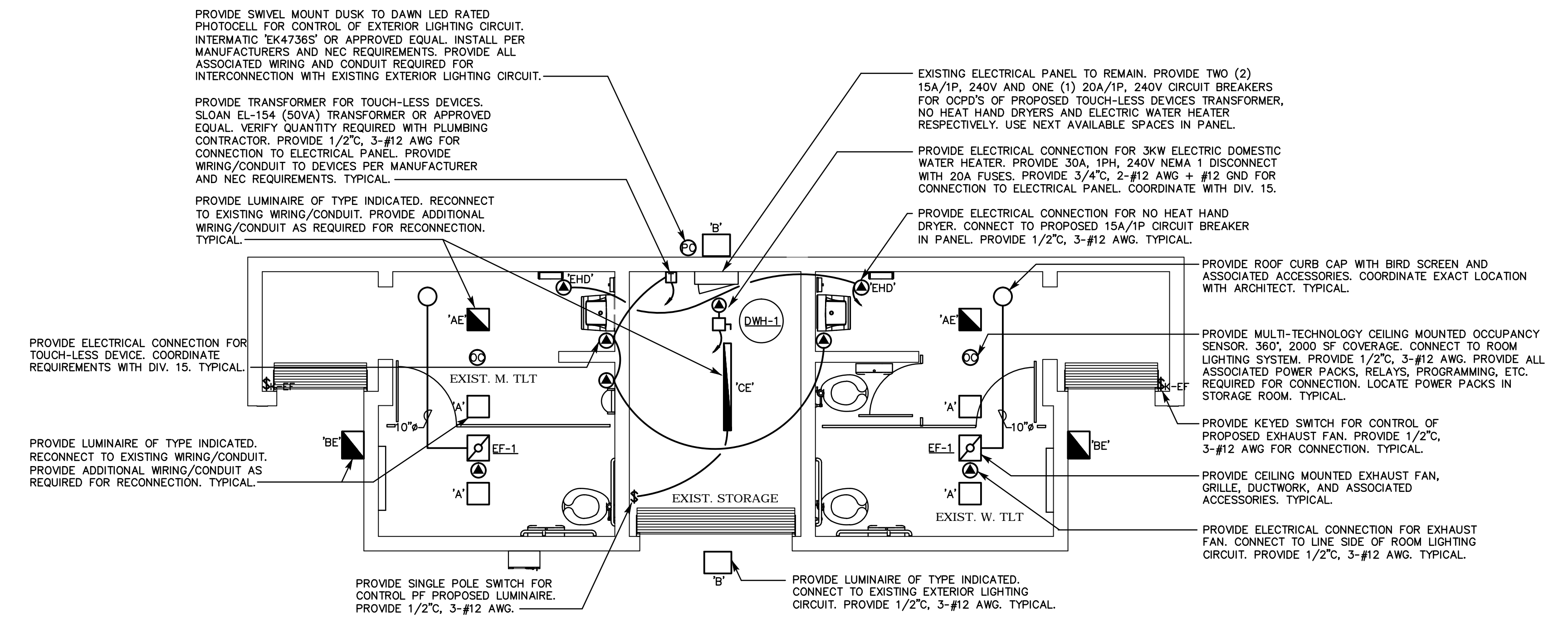
TYPICAL WALL PIPE PENETRATION FIRE STOPPING DETAIL
 SCALE: N.T.S.



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

- ELECTRICAL DEMOLITION NOTES:**
1. THE CONTRACTOR SHALL VISIT THE PROJECT SITE AND BECOME INFORMED AS TO THE NATURE AND SCOPE OF DEMOLITION WORK REQUIRED, NOTING AND ACCOUNTING FOR EXISTING CONDITIONS. TYPICAL.
 2. REMOVE AND PROPERLY DISPOSE OF EQUIPMENT AND ASSOCIATED COMPONENTS/ACCESSORIES AS INDICATED ON DEMOLITION PLANS. PROPERLY DISPOSE OF ALL DEMOLITION DEBRIS AS REQUIRED BY FEDERAL, STATE AND LOCAL CODES AND ORDINANCES. TYPICAL.
 3. CONTRACTOR SHALL NOT DAMAGE ANY EXISTING EQUIPMENT, PIPING, OR ASSOCIATED ACCESSORIES WHICH ARE TO REMAIN. ANY SUCH ITEMS DAMAGED SHALL BE REPLACED AT CONTRACTOR'S EXPENSE. TYPICAL.
 4. CONTRACTOR SHALL NOT DAMAGE ANY EXISTING ELECTRICAL CONNECTIONS, WIRING AND ASSOCIATED ACCESSORIES WHICH ARE TO REMAIN. ANY SUCH ITEMS DAMAGED SHALL BE REPLACED AT CONTRACTOR'S EXPENSE. TYPICAL.
 5. ALL DEMOLITION WORK SHALL BE PERFORMED IN A SAFE AND ORDERLY MANNER WITH QUALIFIED AND LICENSED PERSONNEL IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES AND ALL APPLICABLE CODES AND STANDARDS. COORDINATE WORK WITH ALL PROJECT DISCIPLINES AND EXISTING CONDITIONS. TYPICAL.
 6. CONTRACTOR SHALL PROVIDE MINIMUM OF 72 HOURS NOTICE PRIOR TO ANY EQUIPMENT/SERVICE SHUT DOWN.
 7. DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDED IN AND RELATED TO THE PROJECT SCOPE OF WORK. TYPICAL.

NOTE:
 DO NOT DISTURB ANY SUSPECTED HAZARDOUS MATERIALS. NOTIFY OWNER'S REPRESENTATIVE OF ANY SUSPECTED MATERIALS IMPEDING PERFORMANCE OF WORK. TYPICAL.

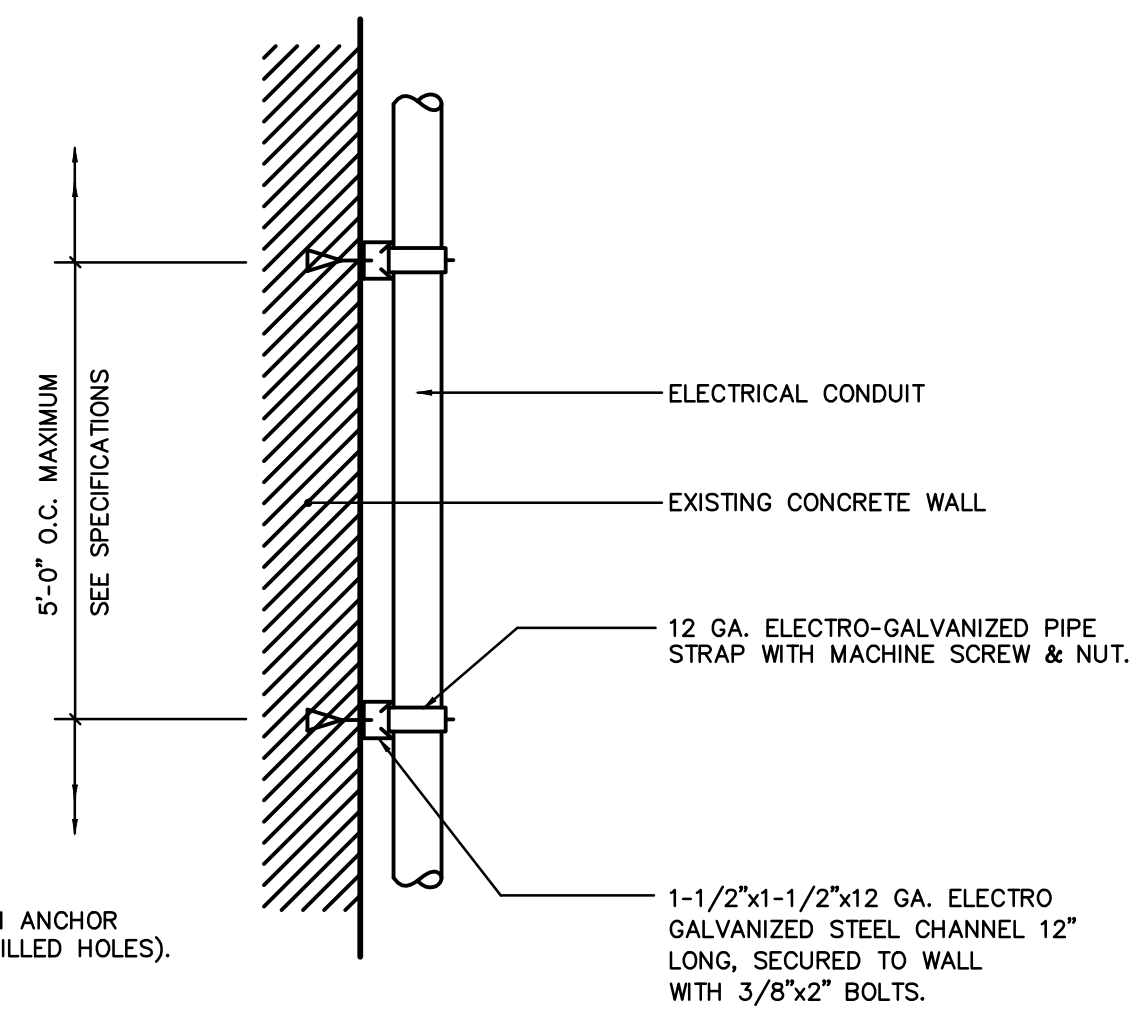


MECHANICAL/ELECTRICAL PLAN - PROPOSED
 SCALE: 1/4"=1'-0"

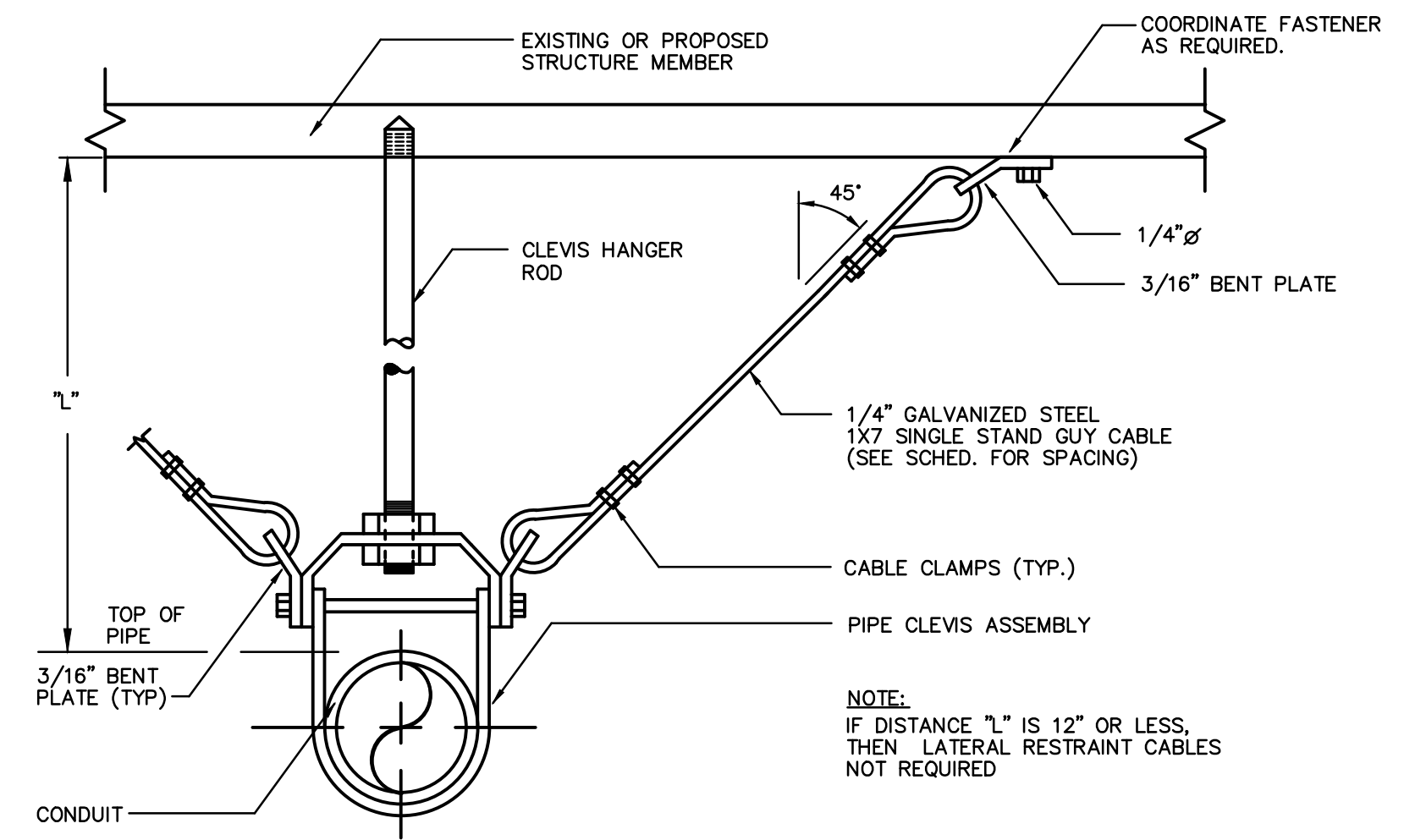
- GENERAL NOTES:**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK INCLUDING TOOLS, MATERIAL, MANPOWER, ETC. REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF PROPOSED MATERIALS, FIXTURES AND/OR EQUIPMENT.
 2. DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL VERIFY ALL LOCATIONS, QUANTITIES AND DIMENSIONS OF PROPOSED MATERIALS, FIXTURES AND/OR EQUIPMENT WITHIN AND AFFECTING PROJECT SCOPE OF WORK.
 3. ALL WORK SHALL BE PERFORMED IN A SAFE AND ORDERLY MANNER WITH QUALIFIED AND LICENSED PERSONNEL IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES AND ALL APPLICABLE CODES AND STANDARDS. TYPICAL.
 4. ROUTING OF ALL CONDUIT SHALL BE COORDINATED WITH EXISTING CONDITIONS, STRUCTURAL FRAMING ELEMENTS AND ALL OTHER PROJECT DISCIPLINES. TYPICAL.
 5. BUILDING WILL BE OCCUPIED DURING ALL PHASES OF CONSTRUCTION. ALL WORK WILL BE PERFORMED CAUSING MINIMAL DISRUPTION TO THE FACILITY. CONTAIN AND CONTROL CONSTRUCTION DEBRIS SO AS NOT TO INTERFERE WITH DAILY OPERATION OF BUILDING. KEEP EGRESS PATHS FREE AND CLEAR OF ANY OBSTRUCTIONS.
 6. ALL SERVICE DISRUPTIONS MUST BE SCHEDULED A MINIMUM OF 72 HOURS IN ADVANCE WITH THE OWNER'S REPRESENTATIVE.
 7. CONTRACTOR SHALL NOT DAMAGE ANY EXISTING EQUIPMENT, PIPING, OR ASSOCIATED ACCESSORIES WHICH ARE TO REMAIN.
 8. PROVIDE ALL REQUIRED PENETRATIONS. COORDINATE WITH EXISTING STRUCTURAL ELEMENTS. FIRE STOP ALL PENETRATIONS. TYPICAL.
 9. INSTALL ALL EQUIPMENT AND ASSOCIATED ACCESSORIES PER NEC AND MANUFACTURER'S REQUIREMENTS.

EXISTING CONDITIONS NOTE:
 THE CONTRACTOR(S) SHALL VISIT THE SITE PRIOR TO BIDDING, NOTING EXISTING CONDITIONS AND EQUIPMENT. IF SAID EQUIPMENT IS NOT BEING REMOVED AS PART OF THE PROJECT OR IS NOTED AS EXISTING TO REMAIN AND IMPEDES PROVIDING PROPOSED EQUIPMENT AND OR PROVIDING PROPOSED SCOPE OF WORK, EQUIPMENT SHALL BE TEMPORARILY RELOCATED AND COMPLETELY REINSTALLED AFTER PROPOSED SCOPE OF WORK IS COMPLETED. THIS SHALL BE PART OF THE BASE BID AND CONTRACTOR(S) SHALL BID ACCORDINGLY. NO ADDITIONAL COMPENSATION WILL BE CONSIDERED FOR RELATED WORK OR COORDINATION WITH EXISTING CONDITIONS.

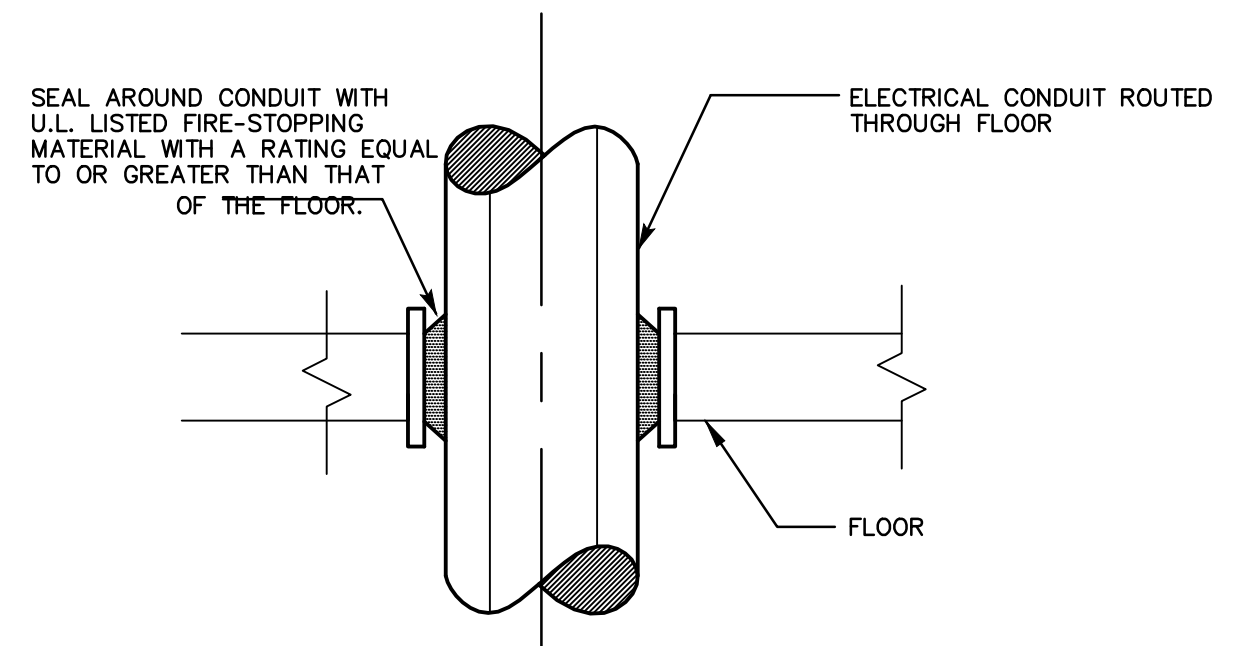
Revisions



TYPICAL VERTICAL CONDUIT SUPPORT DETAIL
SCALE: N.T.S.

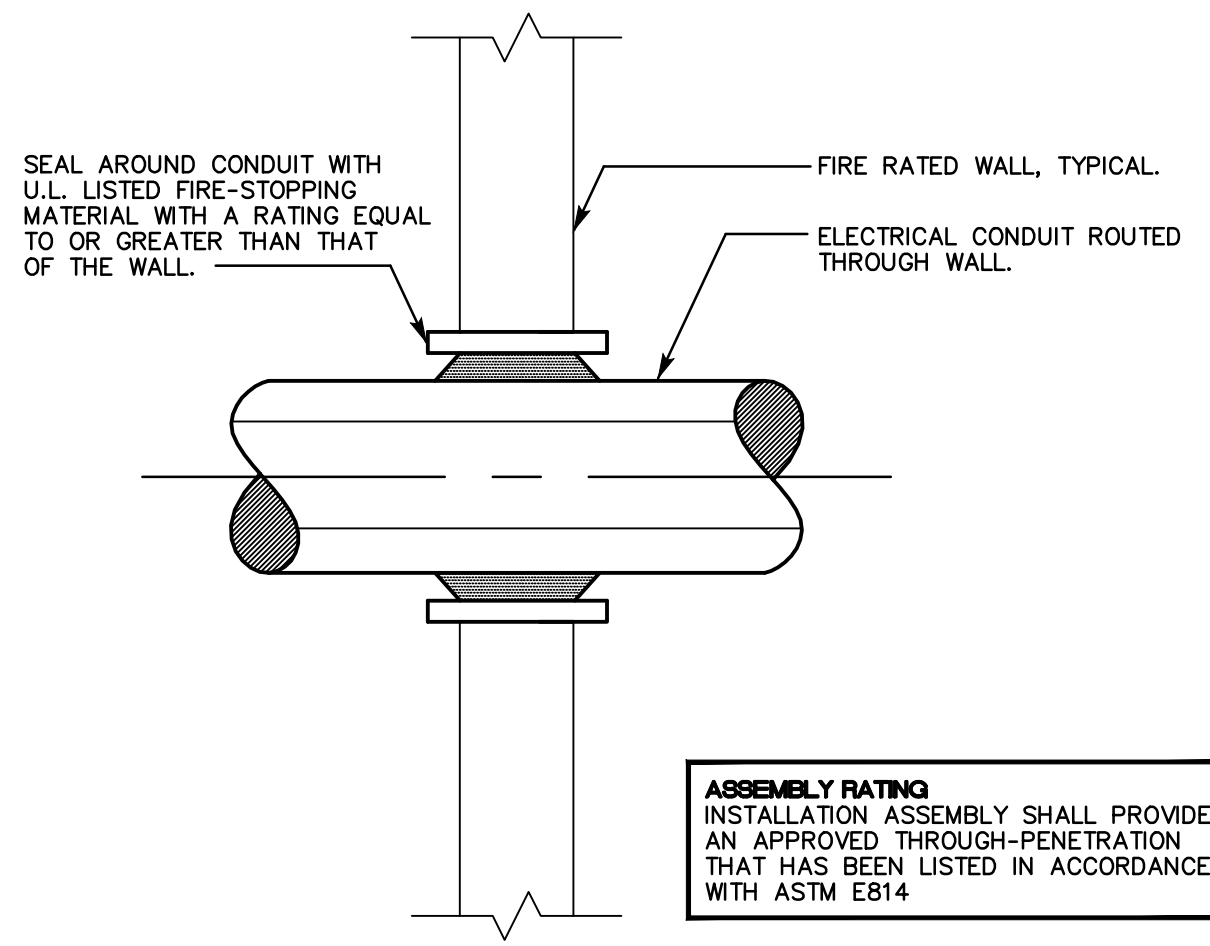


TYPICAL SEISMIC RESTRAINT ASSEMBLY OF SUSPENDED CONDUIT
SCALE: N.T.S.



ASSEMBLY RATING
INSTALLATION ASSEMBLY SHALL PROVIDE AN APPROVED THROUGH-PENETRATION THAT HAS BEEN LISTED IN ACCORDANCE WITH ASTM E814

TYPICAL CONDUIT FLOOR PENETRATION DETAIL (UL XHEZ C-AJ-1008)
SCALE: N.T.S.



ASSEMBLY RATING
INSTALLATION ASSEMBLY SHALL PROVIDE AN APPROVED THROUGH-PENETRATION THAT HAS BEEN LISTED IN ACCORDANCE WITH ASTM E814

TYPICAL CONDUIT WALL PENETRATION DETAIL (UL XHEZ C-AJ-1008)
SCALE: N.T.S.

LUMINAIRE SCHEDULE					
LTG. CODE	DESCRIPTIONS	VOLTS	CATALOG NO./ MANUFACTURER	MOUNTING	LAMP (G.E. OR EQUAL)
A	12"x12" SURFACE MOUNTED, LOW PROFILE, VANDAL RESISTANT LED, HIGH IMPACT RESISTANT PEARLESCENT POLYCARBONATE LENS. 2500 LUMEN OUTPUT. 3500K COLOR. MATTE WHITE FINISH. 5 YEAR WARRANTY. UL LISTED WET LOCATIONS.	UNV	MS11FL-PP-MW-20L35K-DV KENALL LIGHTING	CEILING/SURFACE	LED
AE	FIXTURE TYPE A WITH 1000 LUMEN, 90 MINUTE EMERGENCY BATTERY PACK.	UNV	MS11FL-PP-MW-20L35K-DV-LEL-SA KENALL LIGHTING	CEILING/SURFACE	LED
B	15" FULL CUTOFF, VANDAL RESISTANT, EXTERIOR LED WALL PACK. CLEAR POLYCARBONATE LENS. 3100 LUMEN OUTPUT. TYPE IV OPTICS. 70CRI, 4000K COLOR TEMP. MATTE BLACK FINISH. 5 YEAR WARRANTY. UL LISTED WET LOCATIONS.	UNV	FN15-4-7-MB-24L40K7-DV KENALL LIGHTING	WALL/SURFACE	LED
BE	15" FULL CUTOFF, VANDAL RESISTANT, EXTERIOR LED WALL PACK. CLEAR POLYCARBONATE LENS. 3100 LUMEN OUTPUT. TYPE IV OPTICS. 70CRI, 4000K COLOR TEMP. INTEGRAL COLD WEATHER BATTERY PACK. MATTE BLACK FINISH. 5 YEAR WARRANTY. UL LISTED WET LOCATIONS.	UNV	FN15-4-7-MB-24L40K7-DV-CEL KENALL LIGHTING	WALL/SURFACE	LED
CE	3"x4" HIGH EFFICIENCY, LOW PROFILE LED STRIP LIGHT. 4000 NOMINAL LUMENS DELIVERED. 4000K COLOR. ENCLOSED LENS.	UNV	FSW440L840-UNV-DIM-EMLED SIGNIFY DAYBRITE	CEILING/SURFACE	LED
NOTES:					

EXHAUST FAN SCHEDULE	
EXHAUST FAN NO.	EF-1
SERVICE	BATHROOM
AIR FLOW (SCFM)	300
EXT. STATIC PRESS. (WG)	0.125
DRIVE TYPE	DIRECT
MOTOR WATTS	135
ELECT. CHARAC. (V/PH/Hz)	120/1/60
LOCAL DISCONNECT	YES
HOUSING MATERIAL	GALVANIZED STEEL
BACKDRAFT DAMPER	YES
DESIGN BASED MODEL	SP-A390
DESIGN BASED MANUFACTURER	GREENHECK
NOTES:	
1. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.	
2. INSTALL EXHAUST FANS AND ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTION. TYPICAL.	
3. COORDINATE WITH DIVISION 16 AND ALL WORK WITH OTHER PROJECT DISCIPLINES. TYPICAL.	
4. PROVIDE ALUMINUM GRILLES. COORDINATE FINISH WITH ARCHITECT. TYPICAL.	
5. PROVIDE HANGING VIBRATION ISOLATOR KIT FOR EACH FAN. TYPICAL.	

ELECTRICAL SYMBOL LIST	
	PHOTOCELL
	TRANSFORMER
	SPECIAL PURPOSE CONNECTION
	DISCONNECT SWITCH
	BRANCH CIRCUIT HOMERUN (ARROWS INDICATE CIRCUIT NUMBERS)

ELECTRICAL GENERAL NOTES

- SEE SPECIFICATIONS, DIVISION 26 ELECTRICAL.
- PROVIDE A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR AND EQUIPMENT.
- ELECTRICAL PLANS AND DETAILS AND ONE LINE DIAGRAMS SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE ELECTRICAL SYSTEM. THEY ARE DIAGRAMMATIC AND DO NOT SHOW ALL CONDUIT BODIES, CONNECTORS, BENDS, FITTINGS, HANGERS AND ADDITIONAL PULL AND JUNCTION BOXES.
- PROVIDE LUMINAIRES, DEVICES, EQUIPMENT AS CALLED FOR.
- ALL EQUIPMENT AND MATERIAL SHALL BE LABELED, LISTED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- THE DEFINITION OF ELECTRICAL TERMS USED SHALL BE AS DEFINED IN THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE (NEC WITH CT AMENDMENTS).
- THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS AND RELATED ATTACHMENTS)".
- THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY".
- THE TERM "SIZE" SHALL MEAN ONE OR MORE OF THE FOLLOWING: LENGTH, CURRENT AND VOLTAGE RATING, NUMBER OF POLES, NEMA SIZE AND OTHER SIMILAR ELECTRICAL CHARACTERISTICS.
- THE TERM "SPACE" ON PANELBOARD AND SWITCHBOARD SCHEDULES SHALL MEAN "PROVIDE SPACE TO INSTALL THE NUMBER OF POLES AND SIZE OF THE PROTECTIVE DEVICE INDICATED WITH ALL NECESSARY BUS AND FITTINGS TO INSTALL THE DEVICE AT SOME FUTURE DATE".
- ELECTRICAL PLANS AND DETAILS DO NOT SHOW ALL INTERFERENCES AND CONDITIONS, VISIBLE AND/OR HIDDEN, THAT MAY EXIST; THUS REQUIRING THE CONTRACTOR TO INSPECT AND SURVEY THE SPACE BEFORE PERFORMING THE WORK.
- COORDINATE ELECTRICAL WORK WITH OWNER.
- COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS OF THIS PROJECT.
- TURN OVER TO THE OWNER ALL MANUFACTURERS WARRANTIES FOR EQUIPMENT AND MATERIAL PROVIDED.
- UNLESS OTHERWISE INDICATED, ALL ELECTRICAL EQUIPMENT HAS BEEN BASED ON GENERAL ELECTRIC PRODUCTS.
- THE CONTRACTOR MAY SUBSTITUTE EQUIPMENT OF ANOTHER MANUFACTURER IF IT IS OF EQUAL QUALITY AND RATING, SUBJECT TO OWNER'S AND ENGINEER'S REVIEW AND ACCEPTANCE.
- UNLESS OTHERWISE INDICATED, ALL ENCLOSURES FOR EQUIPMENT PROVIDED SHALL BE NEMA TYPE 1.
- UNLESS OTHERWISE INDICATED, ALL CONDUCTORS TO BE COPPER THHN/THWN-2.
- UNLESS OTHERWISE INDICATED, ALL OUTLET AND SWITCH BOXES TO BE CAST IRON WITH THREADED HUBS.
- IN INTERIOR PROTECTED LOCATIONS, OUTLET AND SWITCH BOXES MAY BE STEEL.
- UNLESS OTHERWISE INDICATED, PROVIDE HEAVY-DUTY GRADE, 20 AMPERE RECEPTACLES AND SWITCHES. ALL PLATES IN FINISHED AREAS TO BE BRUSHED STAINLESS STEEL. PLATES FOR SURFACE MOUNTED INTERIOR BOXES MAY BE STAMPED STEEL. PLATES EXPOSED TO WEATHER OR WATER TO BE GASKETED, WEATHERPROOF TYPE. COLOR BY ARCHITECT.
- BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT, CLEARANCES AND INTERCONNECTIONS.
- BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) ANSI/NFPA 70.
- THE MEASUREMENT FROM ABOVE FINISHED FLOOR (AFF) SHALL BE TAKEN FROM THE FINISHED FLOOR SURFACE TO THE TOP OF WALL RECEPTACLES AND SWITCH BOXES, TO THE CENTER LINE OF WALL LIGHTING OUTLET BOXES, TO THE TOP OF WALL MOUNTED EQUIPMENT ENCLOSURES, TO THE CENTER LINE OF THE TOP MOST SWITCH HANDLE, OR TO THE LOWEST SURFACE OF CEILING LIGHTING FIXTURES OTHER CEILING MOUNTED EQUIPMENT.
- UNLESS OTHERWISE INDICATED, ALL CONDUCTORS ARE NO. 12 AWG.
- CONDUIT SIZE FOR INDICATED CONDUCTORS SHALL BE BASED ON CHAPTER 9 OF NEC.
- THE CONTRACTOR MAY GROUP BRANCH CIRCUIT HOME RUN CONDUCTORS IN A SINGLE RACEWAY IN ACCORDANCE WITH NEC ARTICLE 300-17 AND ARTICLE 310.
- ALL BLANK COVER PLATES TO BE STAINLESS STEEL.
- WALL SWITCH BOXES SHALL BE MOUNTED 44 INCHES A.F.F. RECEPTACLES SHALL BE MOUNTED 18 INCHES A.F.F., UNLESS OTHERWISE NOTED.
- PROVIDE TELECOMMUNICATIONS WIRING AND OUTLETS. COORDINATE WITH OWNERS IT DEPARTMENT.
- PROVIDE ELECTRICAL WIRING TO ALL APPLIANCES AND MECHANICAL EQUIPMENT.
- ALL MANUFACTURER'S WARRANTIES FOR EQUIPMENT AND MATERIALS PROVIDED TO BE TURNED OVER TO THE OWNER.

ELECTRICAL ABBREVIATIONS

A	AMPERES
A.F.F.	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CIR	CIRCUIT
G	GROUNDING
HP	HORSEPOWER
KAIC	INTERRUPTING CAPACITY (KILOAMPERE)
KVA	KILOVOLT-AMPERE
KW	KILOWATT
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASS.
P	POLE
UL	UNDERWRITER'S LABORATORY
UTIL	UTILITY
V	VOLTS
VA	VOLT-AMPERES
W	WATTS
#	WIRE SIZE IN AWG, OR MCM WHEN INDICATED

CONSULTANT:
SALAMONE & ASSOCIATES, P.C.
CONSULTING ENGINEERS
116 North Plains Industrial Road
Hartford, Connecticut 06102
Phone: (203) 281-6895 Fax: (203) 287-8728

RENOVATION TO EXISTING BATHROOM AT QUINNIPIAC PARK
QUINNIPIAC PARK BATHROOMS 1325 CHESHIRE STREET, CHESHIRE, CT

Revisions

WOJAS.ARCH, LLC
5 Race Track Hollow
Middlefield, CT 06455
Phone: 860-930-5322
www.wojas.us
email: jan@wojas.us

MECHANICAL/ELECTRICAL SCHEDULES, DETAILS, SYMBOLS, NOTES AND ABBREVIATIONS

PROJ. NO. 2122-10	DRAWING NO.
SCALE: As Indicated	ME2
DATE: 3-7-2022	