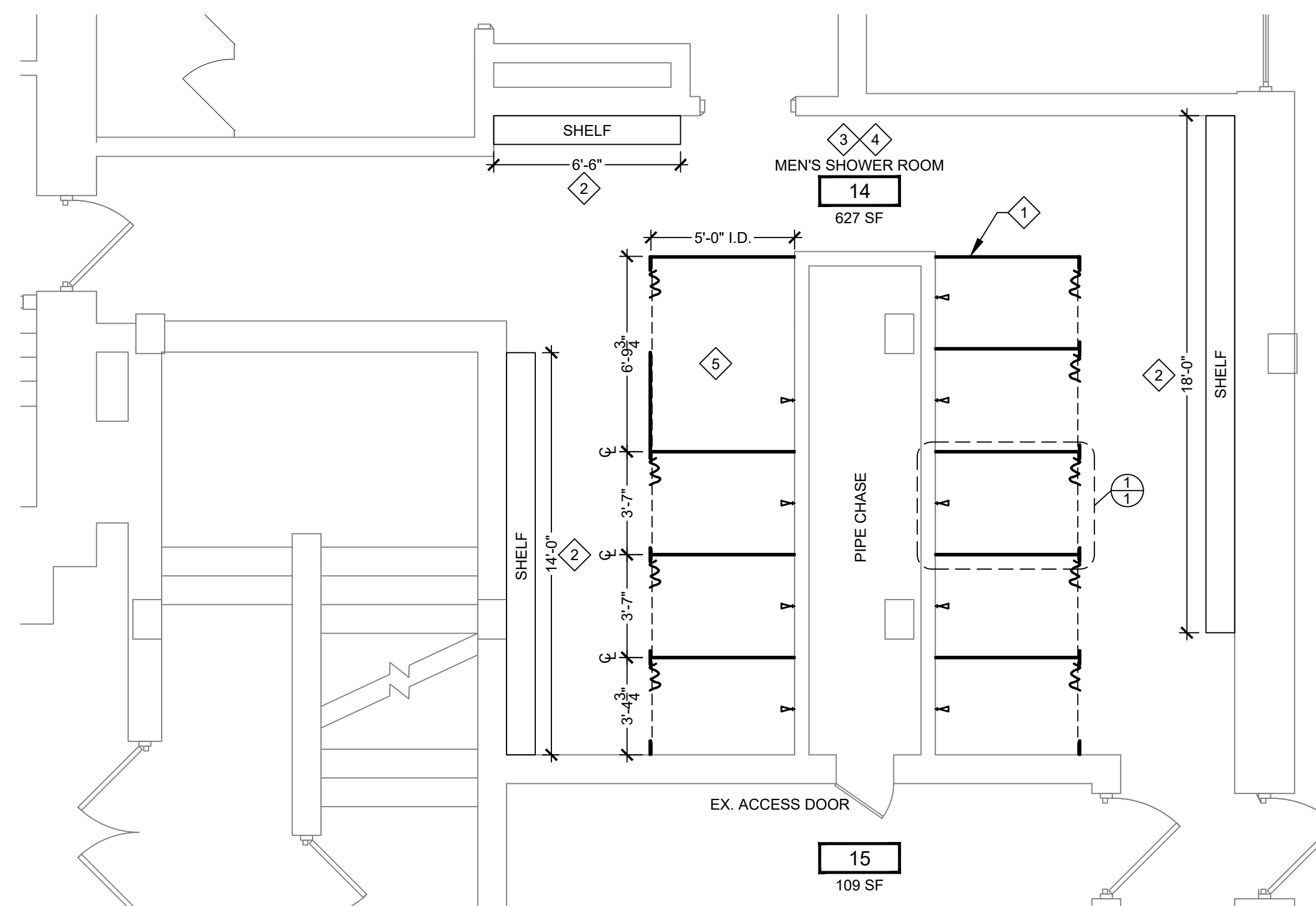
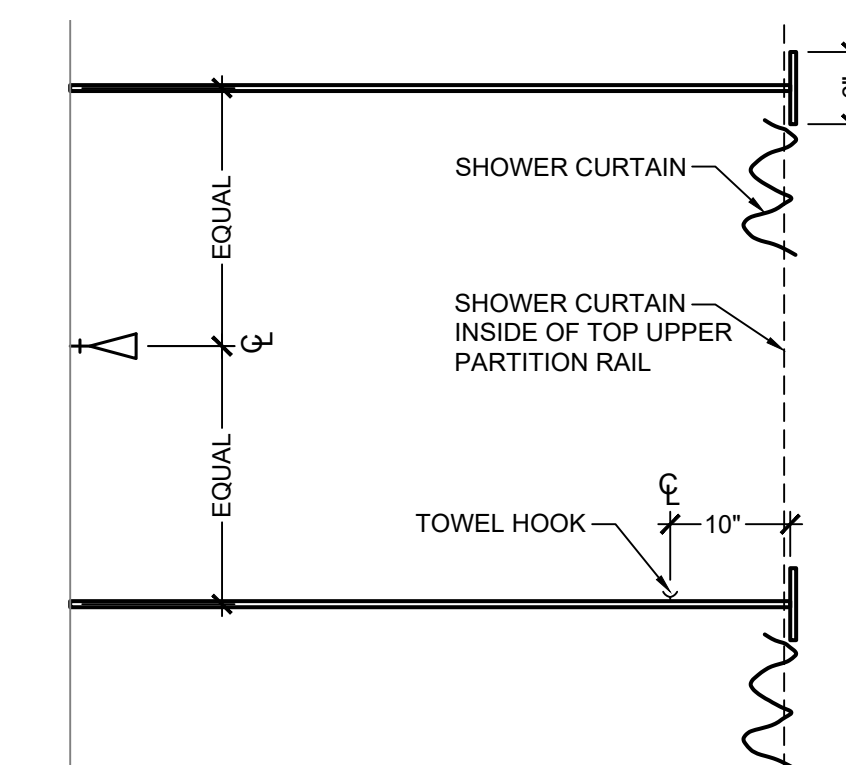


**LIGHTING PLAN**  
SCALE: 1/4" = 1'-0"



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



**TYPICAL SHOWER STALL**  
SCALE: 3/4" = 1'-0"

**GENERAL NOTES:**

1. ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH THE LATEST VERSION OF MSU STANDARDS FOR CONSTRUCTION. WWW.IPF.MSU.EDU.

**ARCHITECTURAL DEMOLITION PLAN NOTES:**

1. TEXT HERE.

**ARCHITECTURAL PLAN NOTES:**

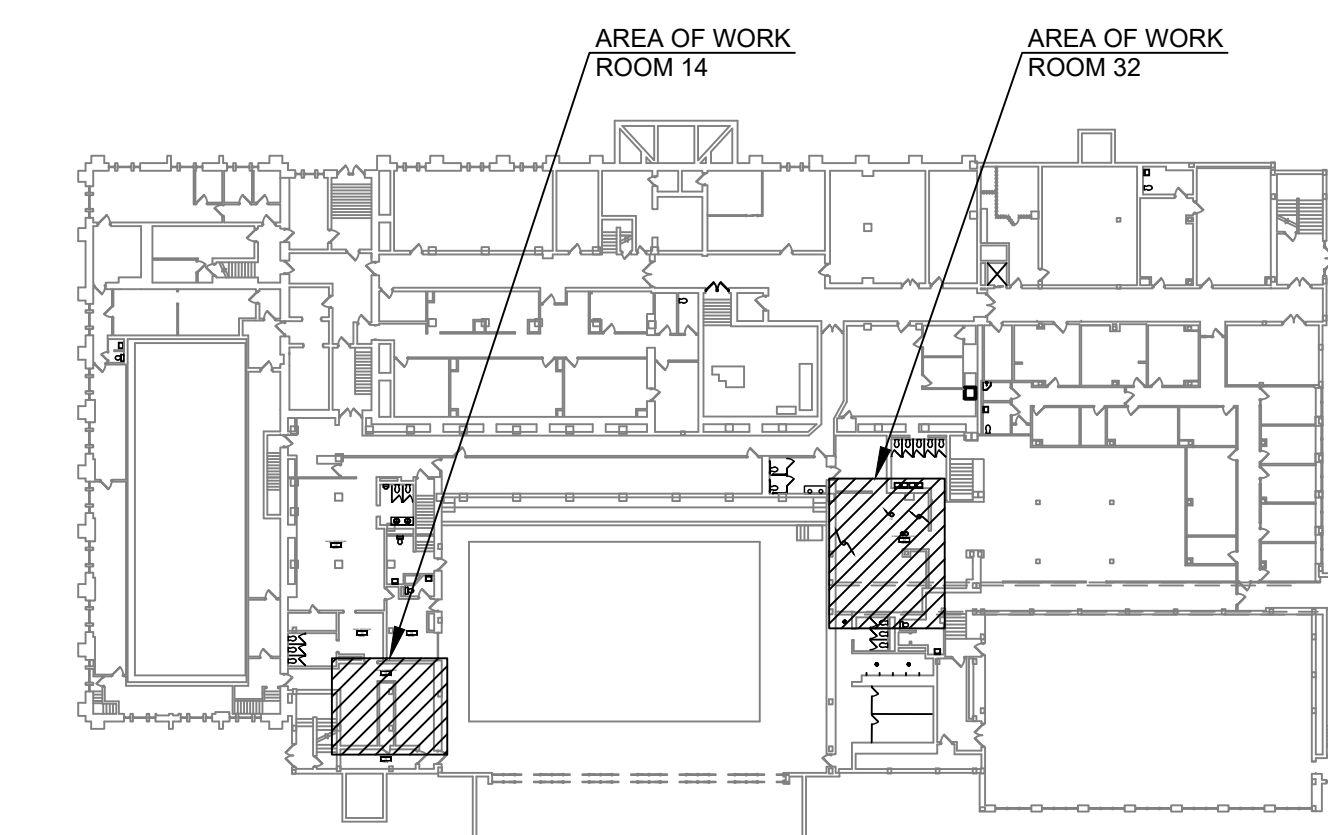
1. PROVIDE NEW SHOWER PARTITIONS AT LOCATION SHOWN ON PLAN. NEW PILASTERS ARE TO BE SOLID PHENOLIC RESIN MATERIAL WITH MELAMINE SURFACE FINISH, METPAR - FOLKSTONE CELESTA 692. ALL EDGES TO BE BEVELED AND POLISHED. PILASTERS TO SECURE TO CONCRETE/TILE FLOOR WITH TYPE 304 STAINLESS STEEL MOUNTING CLIPS. ALL PILASTERS TO HAVE A 3" HIGH #4 FINISH STAINLESS STEEL PLINTH AND HAVE STRAIGHT, FLAT SIDES TO MATCH PLASTER PROFILE. WALL BRACKETS TO BE CONTINUOUS 13 GAUGE STAINLESS STEEL FOR THE HEIGHT OF PLASTER. PROVIDE WITH A SLIDING PRIVACY CURTAIN MOUNTED TO A TOP RAIL AT THE TOP OF PILASTER. SUPPLIER TO FIELD VERIFY EXISTING SHOWER HEAD LOCATIONS PRIOR TO FABRICATION. PROVIDE A COAT HOOK WITHIN THE INSIDE OF EACH SHOWER UNIT, MOUNTED TO WALL PARTITION.
2. PROVIDE NEW 12" DEEP BUTCHER BLOCK WOOD BENCHSHELF - CLEAR FINISH MOUNTED AT 34" A.F.F. INSTALL WITH WHITE METAL WALL BRACKETS ON UNDERSIDE AND WOOD WALL CLEATS. WOOD TO BE FINISHED CLEAR. SEE PLAN FOR DIMENSIONS.
3. CLEAN AND POLISH EXISTING CERAMIC TILE FLOORS AND GLAZED BLOCK WALLS.
4. PAINT CEILING, SHERWIN WILLIAMS, CEILING BRIGHT WHITE SW7007.
5. PROVIDE NEW FREESTANDING ADA SHOWER CHAIR. MANUFACTURER BIG JOHN, MODEL BJBATH. WEIGHT CAPACITY: 700LBS.

**ELECTRICAL DEMOLITION PLAN NOTES:**

1. REMOVE EXISTING LIGHT FIXTURES. WIRING TO REMAIN AND BE RE-USED.

**LIGHTING PLAN NOTES:**

1. PROVIDE NEW SURFACE MOUNTED LIGHT FIXTURE AT LOCATION SHOWN, REUSE EXISTING SWITCHING AND CIRCUITS.  
LITHONIA, FEM-L48-4000LM-LPAFL-WD-MVOLT-GZ10-40K-80CRI-WLFEND2-FEM5MB.



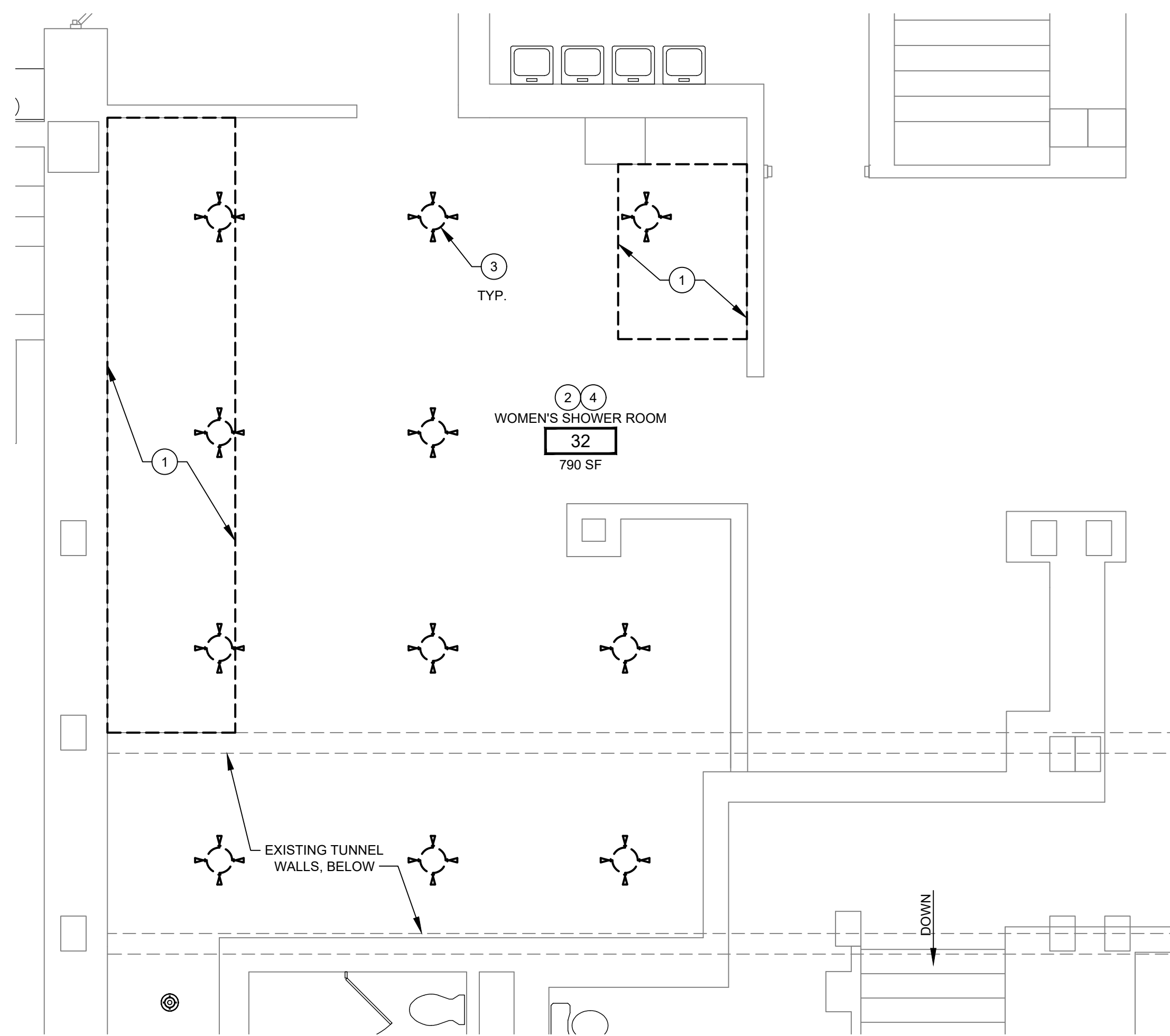
**IM-CIRCLE KEY PLAN**  
FOR REFERENCE ONLY



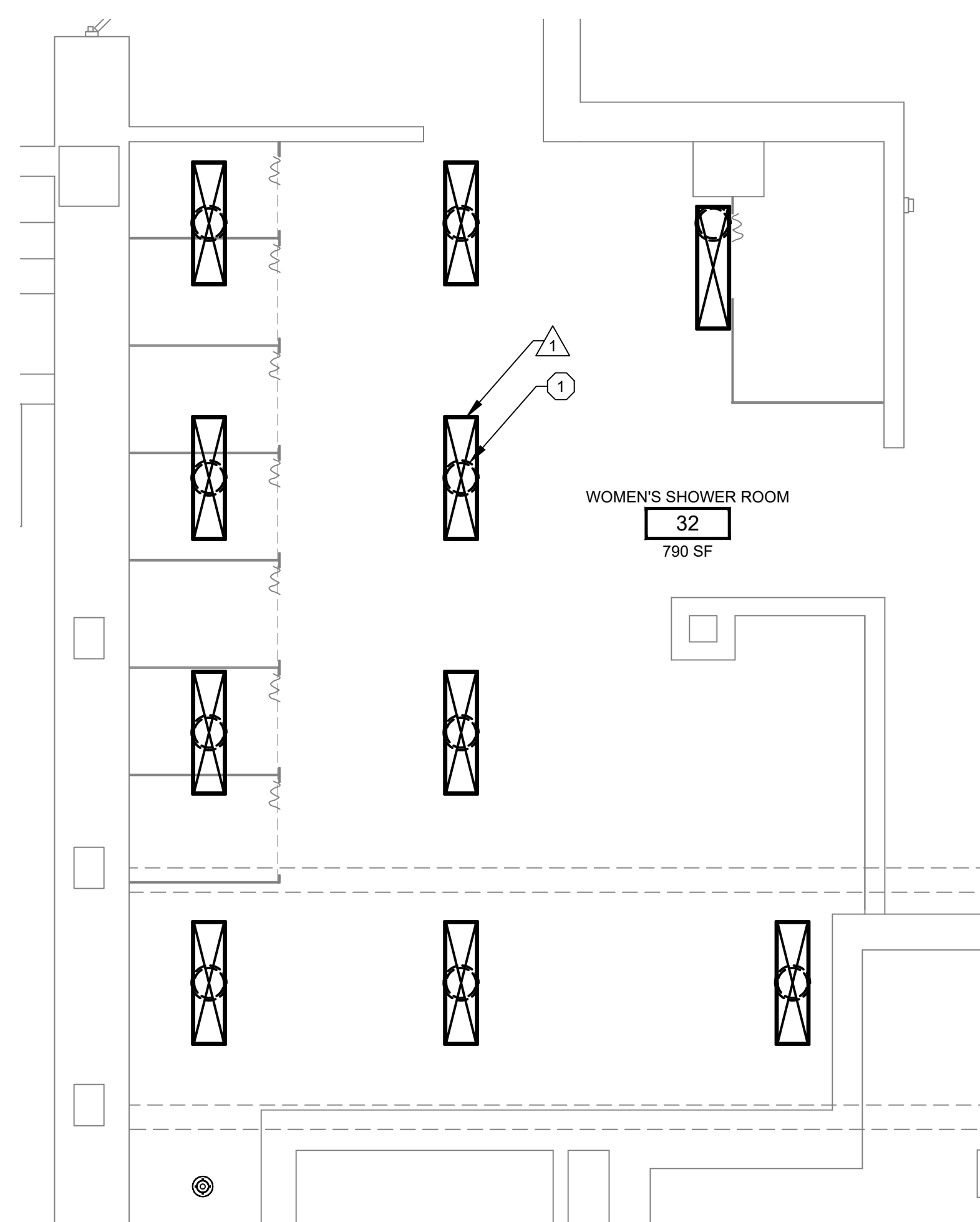
MSU PROJ. NO.  
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ARCH.	CHARLAND
MECH.	WINKLER
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CONST. REP.	KRAMER GRP.
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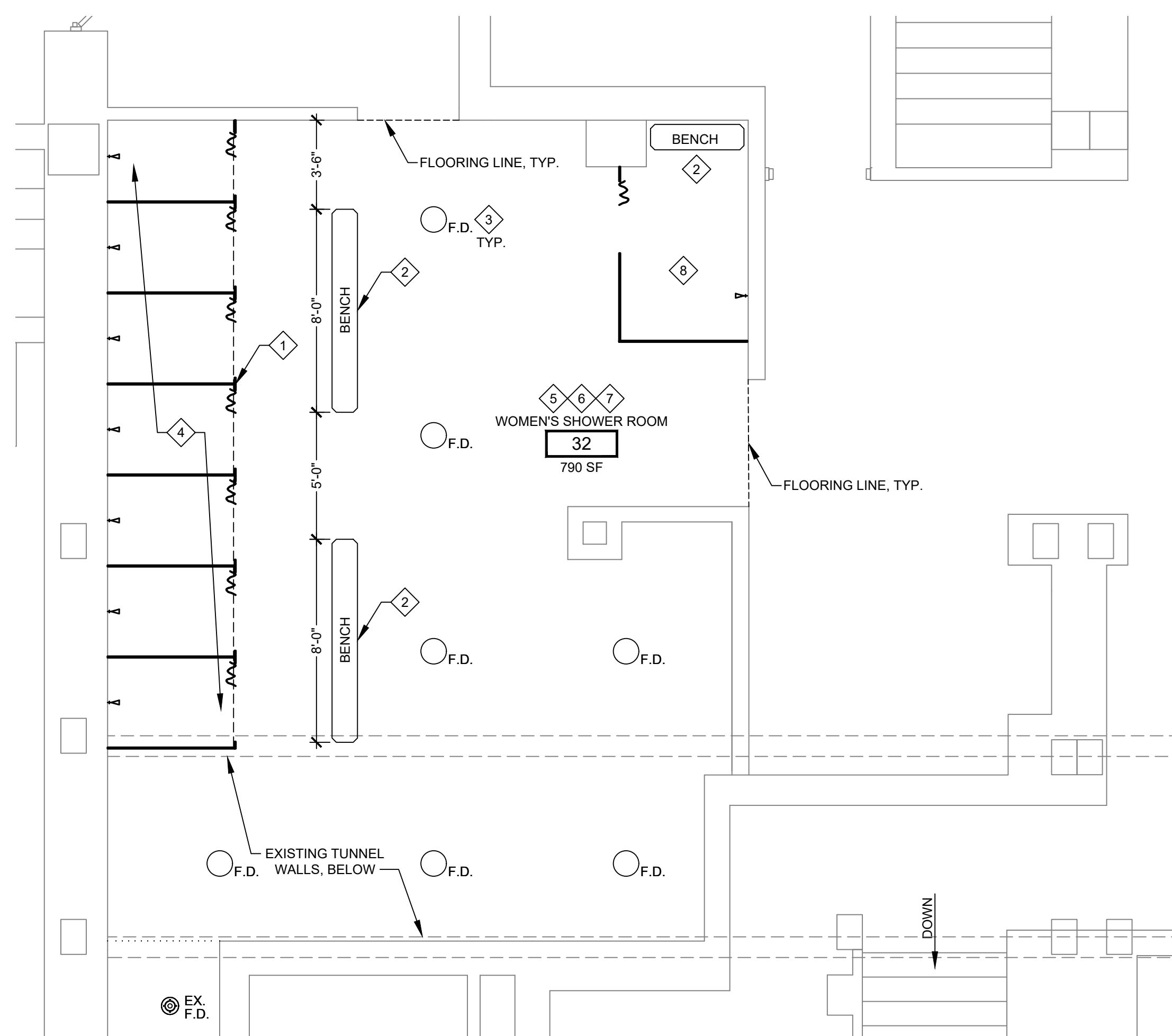
ARCHITECTURAL &  
LIGHTING - ROOM 14



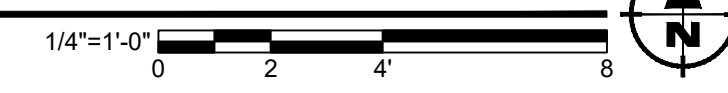
DEMOLITION PLAN  
SCALE: 1/4" = 1'-0"



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



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



**GENERAL NOTES:**

1. ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH THE LATEST VERSION OF MSU STANDARDS FOR CONSTRUCTION. WWW.IPF.MSU.EDU.

**# ARCHITECTURAL DEMOLITION PLAN NOTES:**

1. SAWCUT AND REMOVE SECTION OF CONCRETE AT LOCATION SHOWN ON PLAN. VERIFY IN FIELD EXACT LOCATION OF WALL BELOW BEFORE SAWCUTTING. AREA SHOWN IS KNOWN TO BE UNEXCAVATED.
2. REMOVE ALL HOOKS ALONG WALL. PATCH OPENINGS.
3. REMOVE COLUMN SHOWER UNIT INCLUDING FLOOR DRAIN. REFER TO NEW FLOOR PLAN - PREP EXISTING FLOOR DRAIN FOR NEW FLOOR DRAIN INSTALLATION.
4. REMOVE GYPSUM LATH CEILING SYSTEM AS REQUIRED FOR NEW PIPING INSTALLATION TO SHOWER UNITS.

**# ARCHITECTURAL PLAN NOTES:**

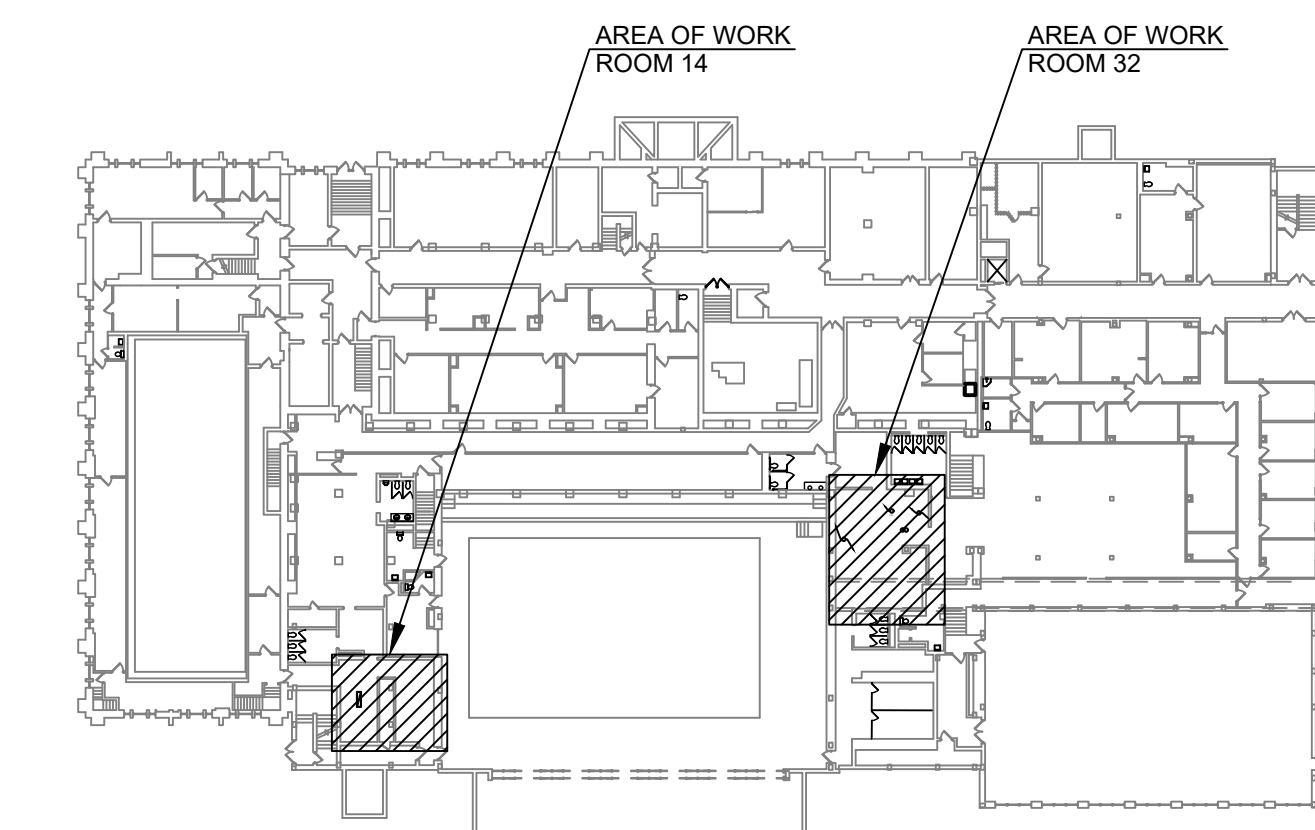
1. PROVIDE NEW SHOWER PARTITIONS AT LOCATION SHOWN ON PLAN. NEW PILASTERS ARE TO BE SOLID PHENOLIC RESIN MATERIAL WITH MELAMINE SURFACE FINISH, METPAR - FOLKSTONE CELESTA 692. ALL EDGES TO BE BEVELED AND POLISHED. PILASTERS TO SECURE TO CONCRETE/TILE FLOOR WITH TYPE 304 STAINLESS STEEL MOUNTING CLIPS. ALL PILASTERS TO HAVE A 3" HIGH #4 FINISH STAINLESS STEEL PLINTH AND HAVE STRAIGHT, FLAT SIDES TO MATCH PILASTER PROFILE. WALL BRACKETS TO BE CONTINUOUS 13 GAUGE STAINLESS STEEL FOR THE HEIGHT OF PILASTER. PROVIDE WITH A SLIDING PRIVACY CURTAIN MOUNTED TO A TOP RAIL AT THE TOP OF PILASTER. SUPPLIER TO FIELD VERIFY EXISTING SHOWER HEAD LOCATIONS PRIOR TO FABRICATION. PROVIDE A COAT HOOK WITHIN THE INSIDE OF EACH SHOWER UNIT, MOUNTED TO WALL PARTITION.
2. PROVIDE NEW 12" DEEP BUTCHER BLOCK WOOD BENCH - CLEAR FINISH WITH METAL FLOOR MOUNTED BRACKETS, PAINTED SHERWIN WILLIAMS IRON ORE - SW7069. SEE FLOOR PLAN FOR LOCATIONS AND DIMENSIONS. TOP OF BENCH MOUNT TO BE 18" A.F.F.
3. INFILL FLOOR DRAIN AREA WITH CONCRETE AROUND NEW FLOOR DRAIN AS REQUIRED. SEE PLUMBING PLANS FOR EXACT LOCATIONS.
4. INFILL EXISTING OPENING WITH CONCRETE. SLOPE FLOOR AS REQUIRED TO NEW TRENCH DRAIN, COORDINATE WITH PLUMBING DRAWINGS.
5. PROVIDE NEW PAINT CHIP EPOXY RESINOUS FLOOR COVERING OVER EXISTING TILE AND UP THE EXISTING WALLS APPROX. 6". COLOR FLAKES, 1/8" FLECK, COLOR B-802.
6. INFILL CEILING AS REQUIRED WITH GYPSUM AND PLASTER FINISH. PREP FOR PAINTING OPERATIONS.
7. PAINT CEILING. SHERWIN WILLIAMS, CEILING BRIGHT WHITE SW7007.
8. PROVIDE NEW FREESTANDING ADA SHOWER CHAIR. MANUFACTURER BIG JOHN, MODEL BJBATH. WEIGHT CAPACITY: 700LBS.

**# ELECTRICAL DEMOLITION PLAN NOTES:**

1. REMOVE EXISTING LIGHT FIXTURES. WIRING TO REMAIN AND BE RE-USED.

**# LIGHTING PLAN NOTES:**

1. PROVIDE NEW SURFACE MOUNT LIGHT FIXTURE AT LOCATION SHOWN, REUSE EXISTING LIGHTING SWITCHING AND CIRCUITS. INTENT IS 1 FOR 1 REPLACEMENT.  
LITHONIA, FEM-L48-4000LM-LPAFL-WD-MVOLT-GZ10-40K-80CRI-WLFEND2-FEM5MB.



IM-CIRCLE KEY PLAN  
FOR REFERENCE ONLY



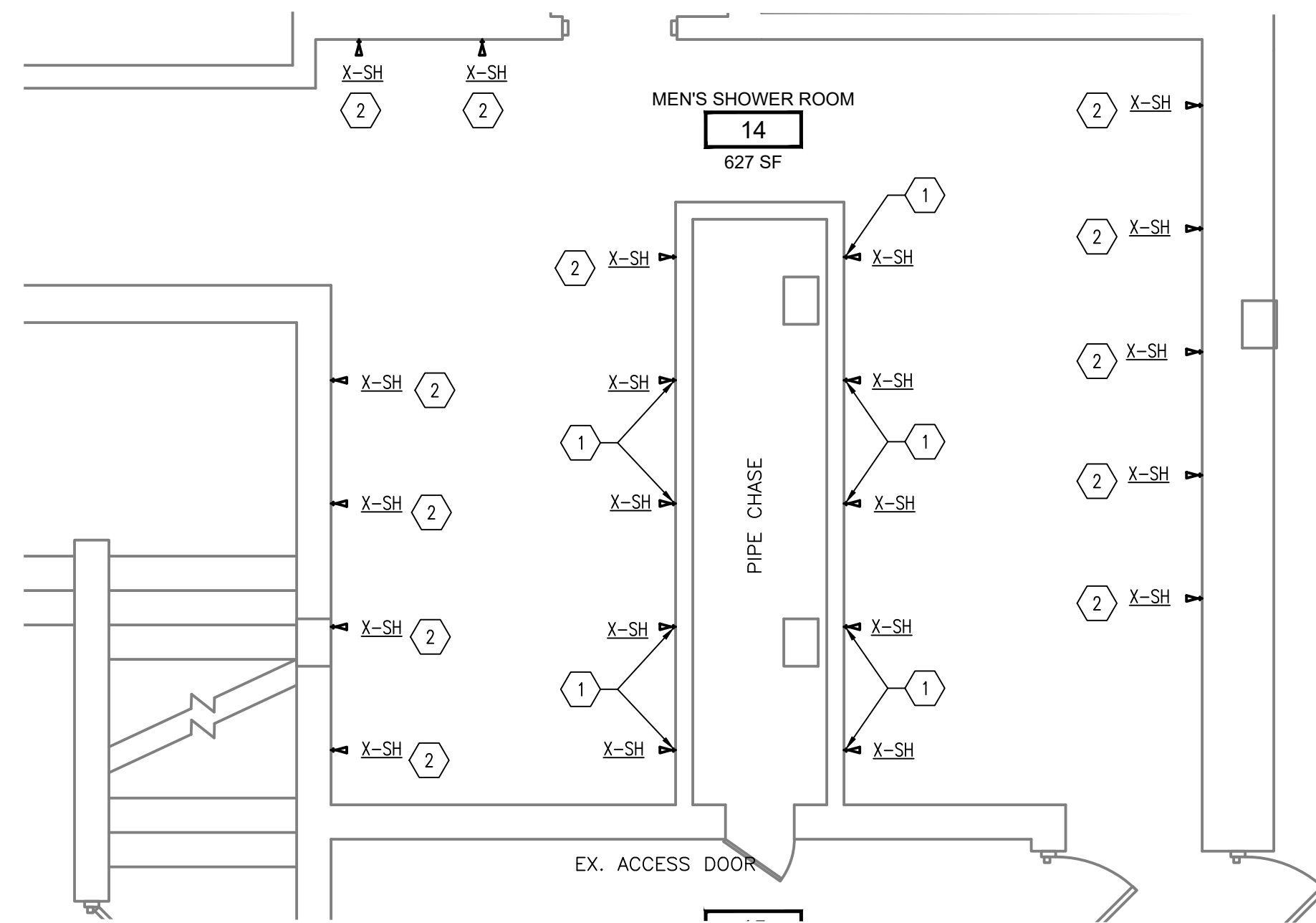
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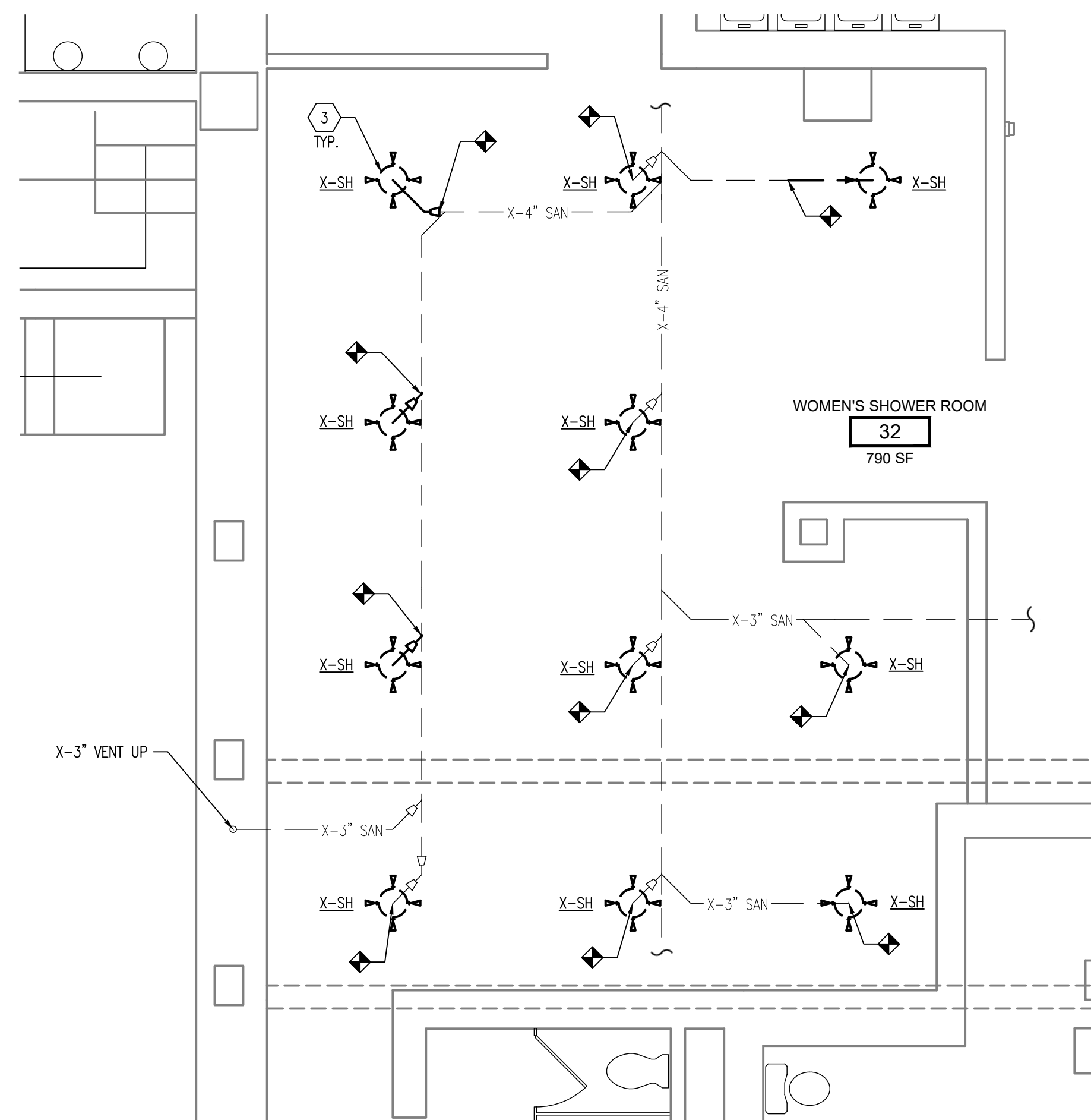
ARCHITECTURAL &  
LIGHTING - ROOM 32

# PLUMBING DEMOLITION PLAN NOTES:

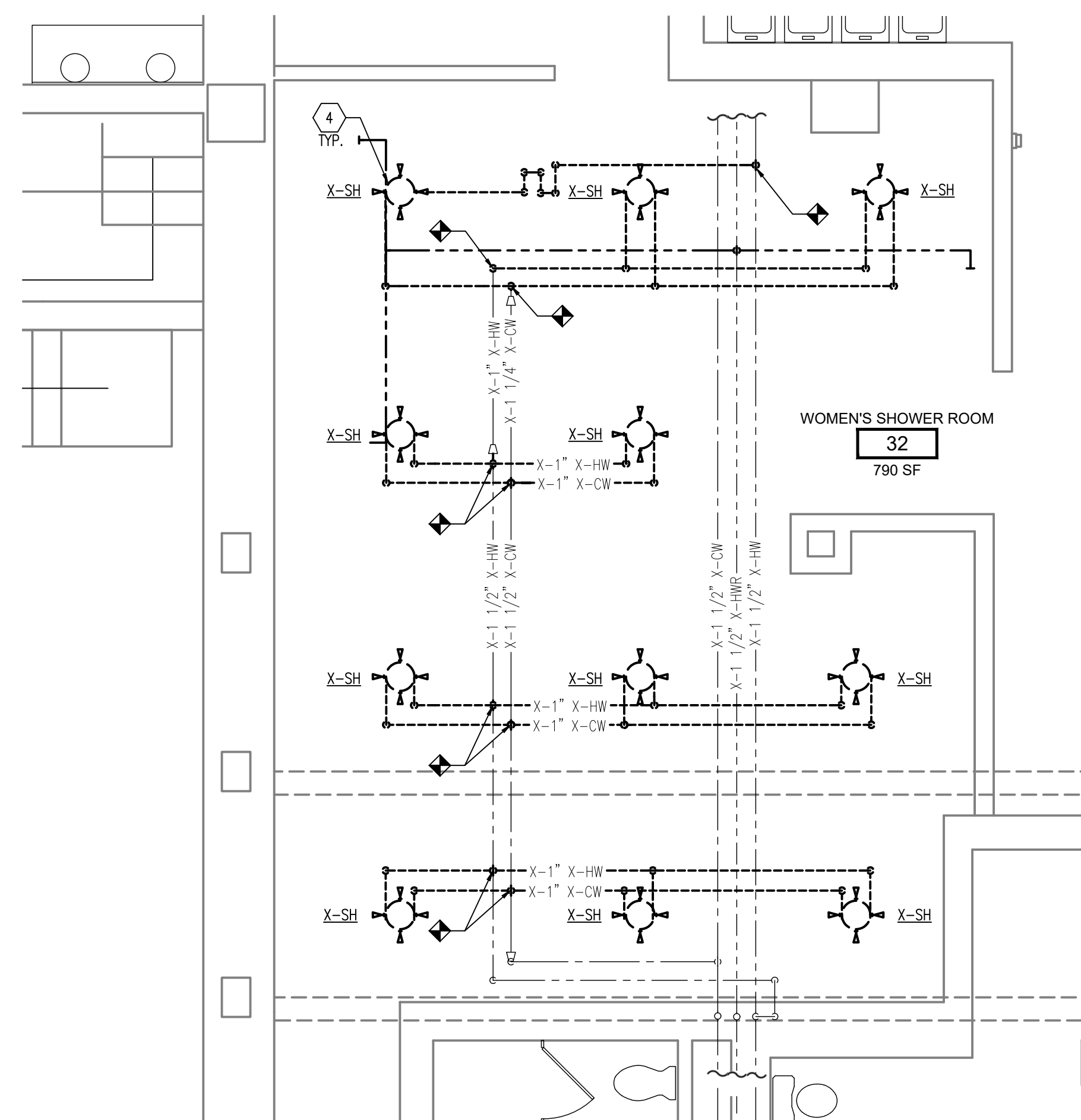
1. REMOVE EXISTING SHOWER FIXTURE AND ASSOCIATED VALVE ASSEMBLY. PIPING TO REMAIN. PREP FOR CONNECTION IN NEW PLAN. TYPICAL FOR ALL IN THIS AREA.
2. REMOVE EXISTING SHOWER FIXTURE AND ASSOCIATED VALVE ASSEMBLY. DEMO PIPING BACK TO WITHIN WALL. CAP AND PATCH AS REQUIRED.
3. REMOVE EXISTING COLUMN SHOWER IN THIS AREA. PREP SANITARY PIPING FOR NEW WORK.
4. DISCONNECT DOMESTIC HOT AND COLD WATER CONNECTIONS TO COLUMN SHOWER. DEMO BACK TO MAIN. CAP AND PATCH WHERE REQUIRED.



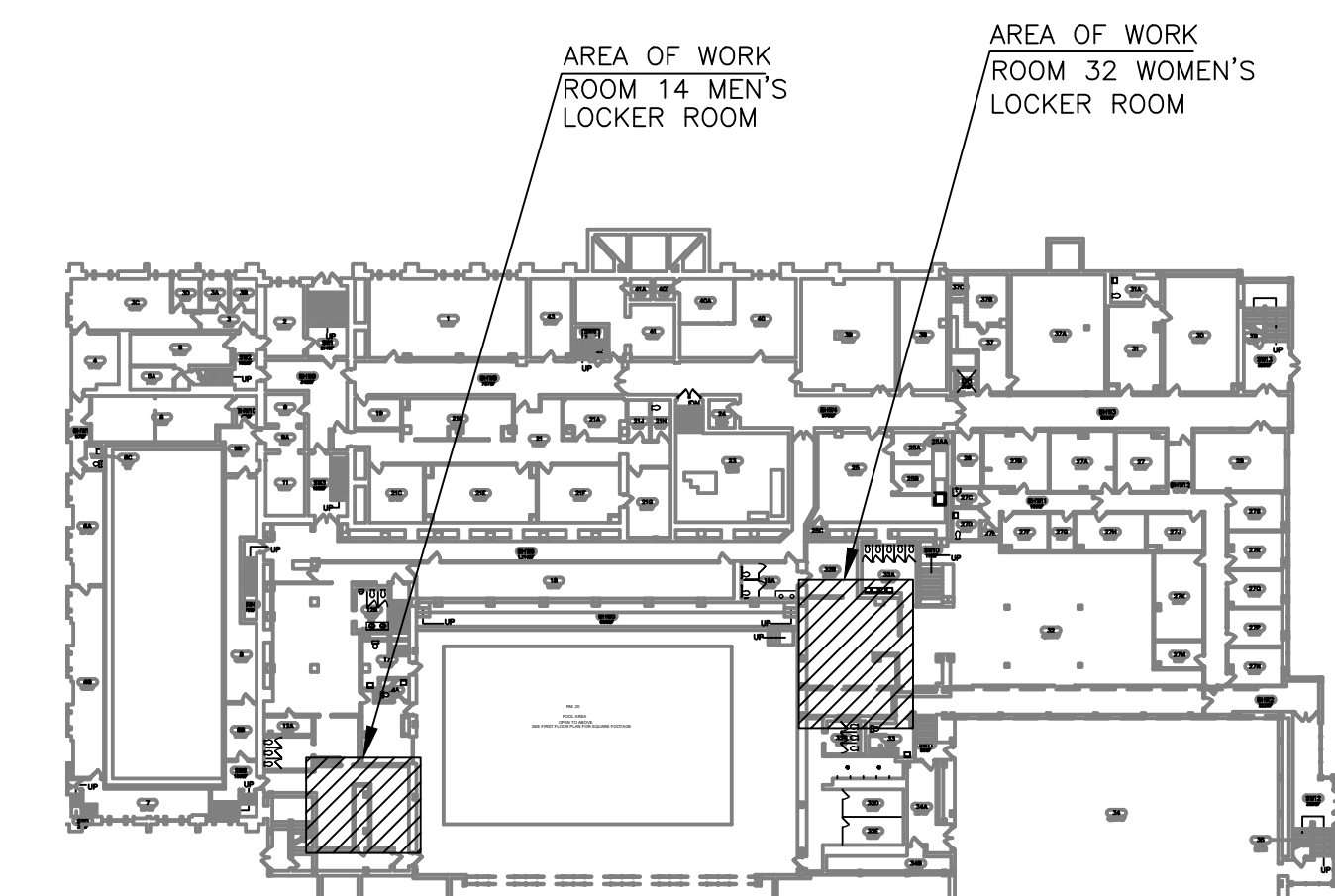
DEMO MEN'S LOCKER ROOM MECHANICAL PLAN  
SCALE: 1/4" = 1'-0"



DEMO WOMEN'S LOCKER ROOM PIPING BELOW FLOOR  
SCALE: 1/4" = 1'-0"



DEMO WOMEN'S LOCKER ROOM PIPING ABOVE CEILING  
SCALE: 1/4" = 1'-0"



IM-CIRCLE KEY PLAN  
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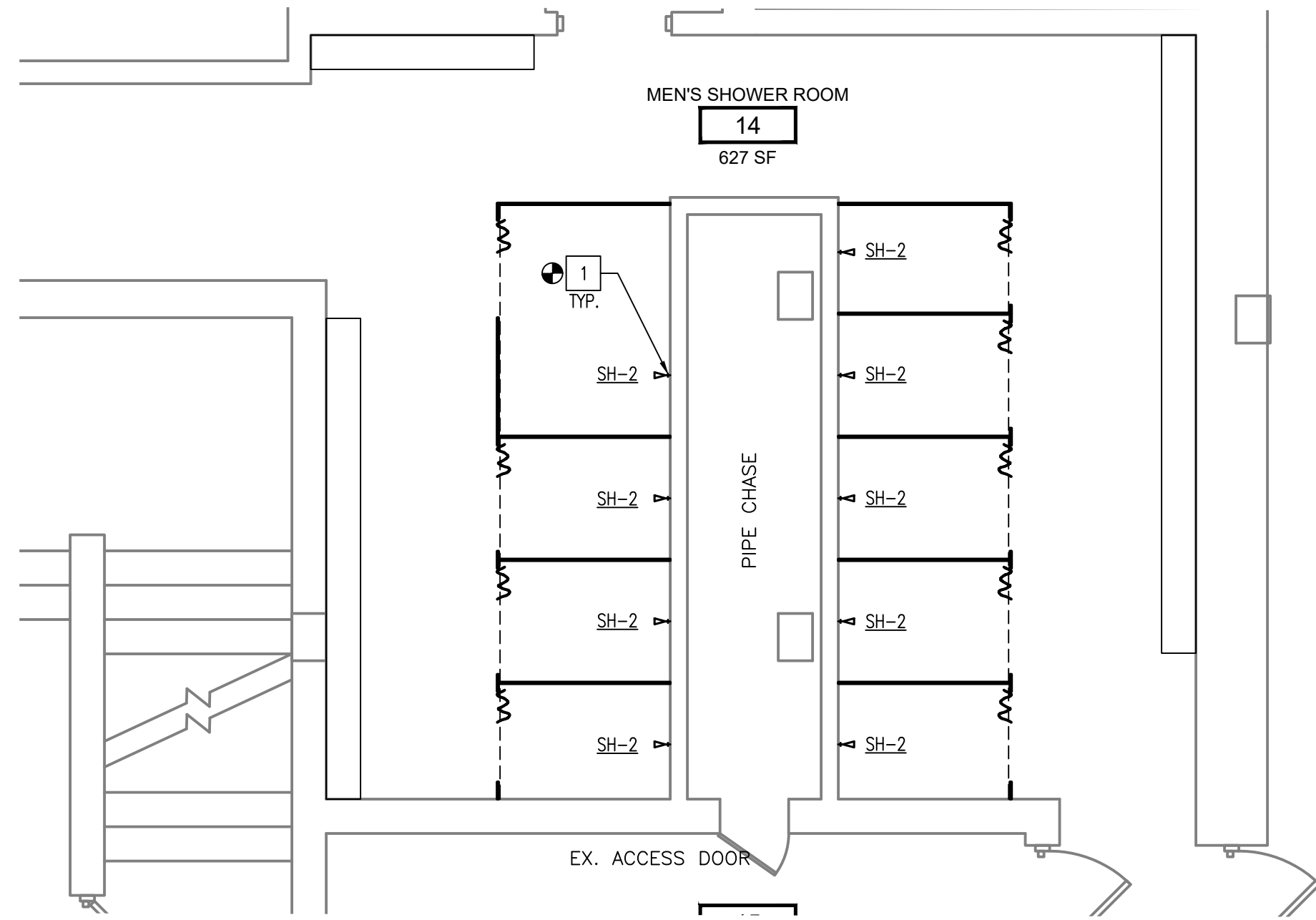
PLUMBING DEMO  
PLAN

3

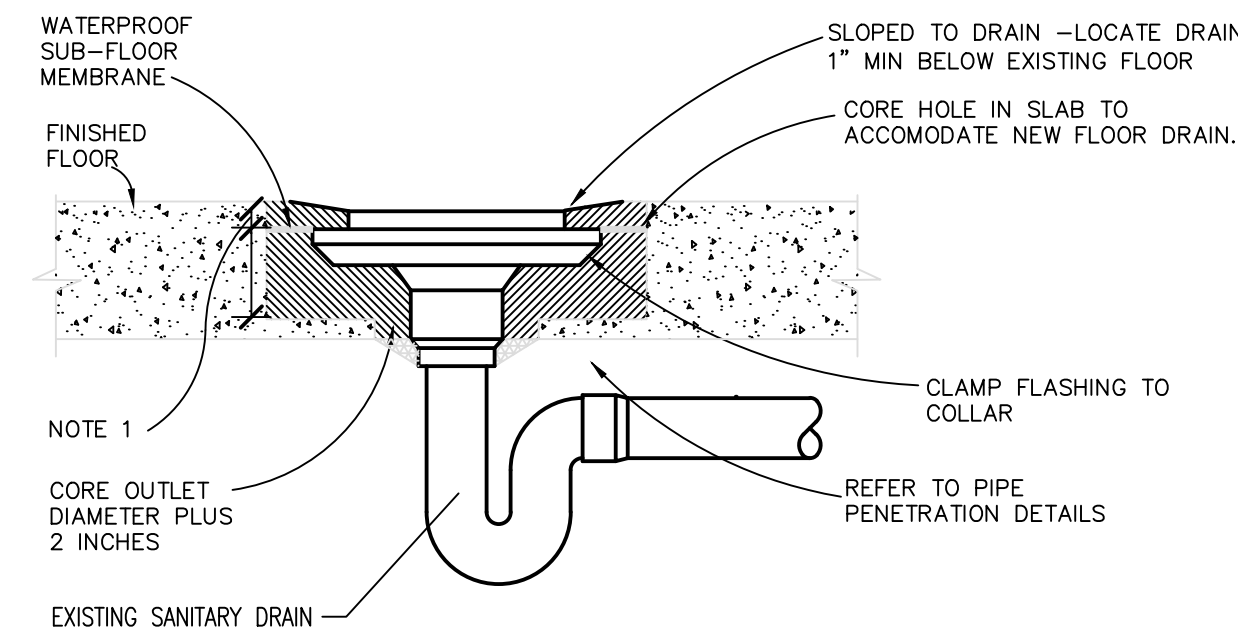
## PLUMBING FIXTURE & PIPE CONNECTION SCHEDULE

TAG	BASIS OF DESIGN		DESCRIPTION	FAUCETS AND FITTINGS		PIPE CONNECTION DATA				ELECTRICAL DATA		NOTES
	MANUFACTURER	MODEL OR SERIES		MANUFACTURER	MODEL No.	COLD WATER	HOT WATER	VENT	SANITARY	FLA	VOLTAGE	
TD-1	ZURN	ZS890	SANI-FLO, STAINLESS STEEL, 6" WIDTH TRENCH DRAIN SYSTEM	-	-	-	-	-	3"	-	-	①②③
SH-1	SYMMONS	H901S	SURFACE-MOUNTED SHOWER SYSTEM	-	-	1/2"	1/2"	-	-	-	-	
SH-2	ZURN	Z7301-SS-MT-S9	TEMP-GARD III SHOWER UNIT	-	-	1/2"	1/2"	-	-	-	-	
FD-1	WATTS	FD-1100-A5	FLOOR DRAIN 5" ROUND WITH STAINLESS STEEL STRAINER	SURESEAL	97044 TRAP SEALER	-	-	-	3"	-	-	

- ① COORDINATE ALL REQUIRED PARTS/ACCESSORIES NECESSARY TO INSTALL REQUIRED LENGTH OF TRENCH PRIOR TO ORDERING.
- ② INCLUDE STAINLESS STEEL GRATE FOR ENTIRE LENGTH OF TRENCH. ANY OPTIONAL STYLES TO BE APPROVED BY ARCHITECT PRIOR TO ORDERING.
- ③ SANITARY OUTLET CONNECTION STYLE SHALL BE DETERMINED IN FIELD. MAXIMUM OF 15'-0" TRENCH LENGTH PER 3" SANITARY OUTLET (25'-0" OF TRENCH WILL REQUIRE (2) SANITARY CONNECTIONS).



**NEW MEN'S LOCKER ROOM MECHANICAL PLAN**  
SCALE: 1/4" = 1'-0"



**FLOOR DRAIN PIPING DETAIL IN EXISTING FLOOR**  
NO SCALE

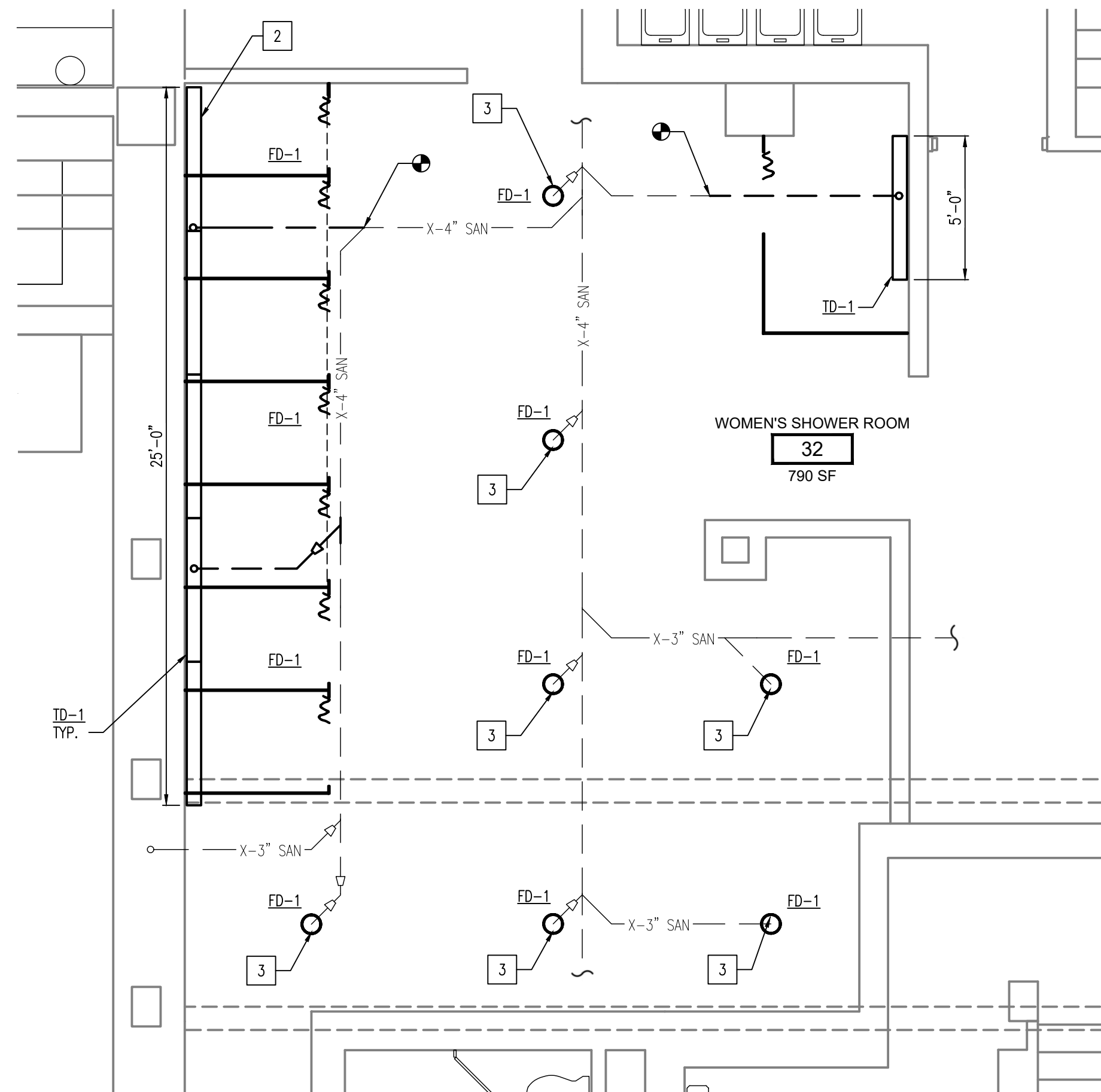
- NOTES**
1. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR THICKNESS AND FINISHES.
  2. WHERE WATERPROOF FLOOR COVERINGS OCCUR, PROVIDE WIDE FLANGE STRAINER AND PLUG SEEPAGE OPENINGS.
  3. PROVIDE EXTENSIONS WHERE REQUIRED TO ACCOMMODATE FLOOR THICKNESS.
  4. MEMBRANE NOT REQUIRED FOR FLOOR DRAIN ON GRADE.

### PLUMBING GENERAL NOTES:

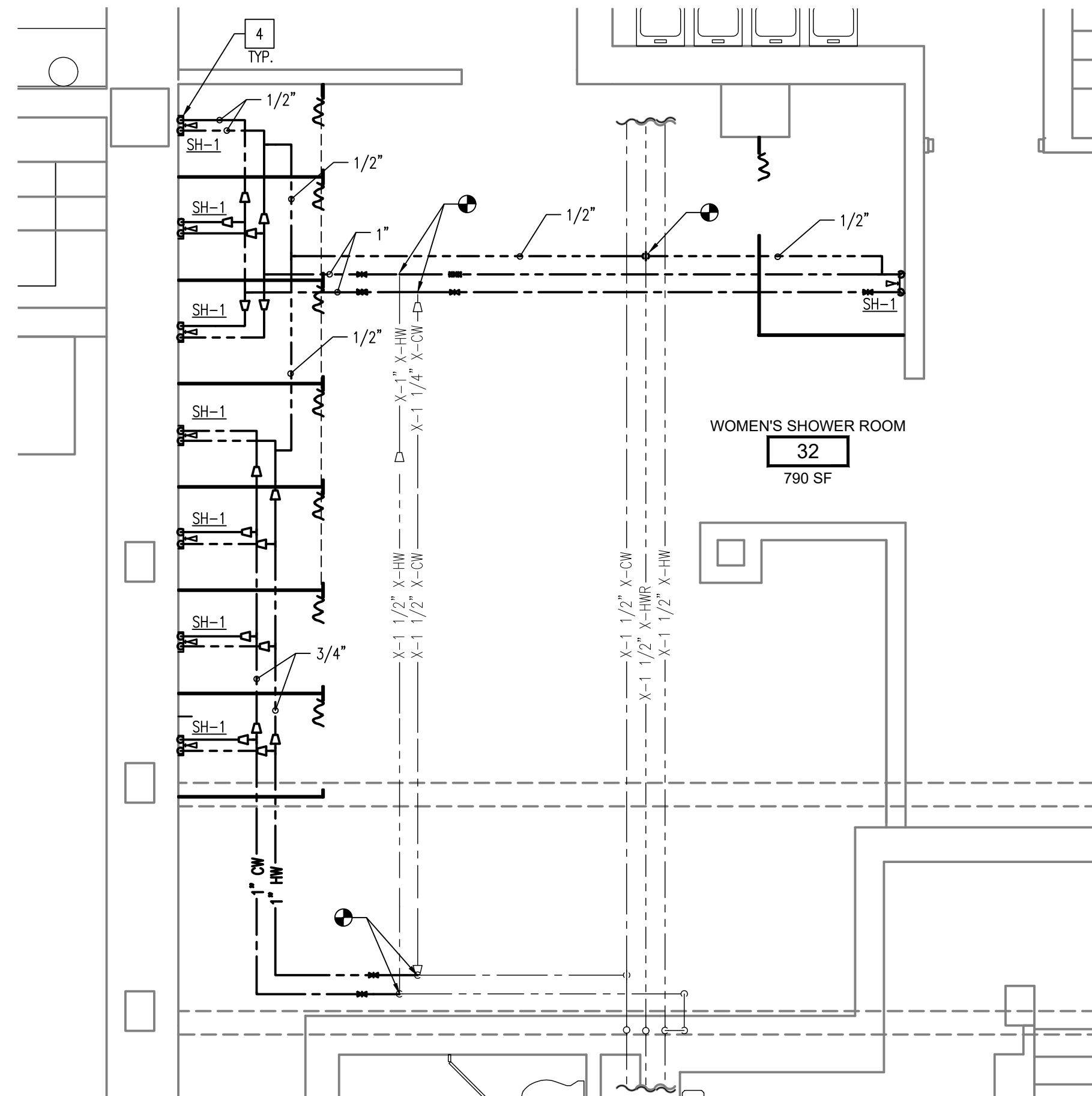
1. PIPING LAYOUT IS SCHEMATIC. EXACT LOCATION OF PIPING AND EQUIPMENT SHALL BE COORDINATED WITH BUILDING STRUCTURE, EQUIPMENT FURNISHED, ARCHITECTURAL DRAWINGS AND ALL OTHER TRADES PRIOR TO INSTALLATION. ANY CONTRACTOR INSTALLING WORK WITHOUT PRIOR COORDINATION SHALL RELOCATE WORK AT OWN EXPENSE TO ALLOW PROPER INSTALLATION OF ANY AND ALL TRADES' WORK.
2. ALL WORK SHALL COMPLY WITH THE MICHIGAN PLUMBING CODE AND ALL APPLICABLE LOCAL CODES.
3. ALL INVERTS, STATED OR NOT, NEW OR EXISTING, SHALL BE COORDINATED IN THE FIELD, VERIFY EXISTING INVERTS PRIOR TO STARTING WORK.
4. UNLESS OTHERWISE NOTED, ALL PIPING SHALL BE CONCEALED WHENEVER POSSIBLE. CONCEAL PIPING IN OR UNDER CABINET SPACE WHENEVER POSSIBLE.
5. PLUMBING UTILITY PIPING SHALL NOT BE RUN ABOVE ELECTRICAL GEAR OR IN THE SERVICE SPACE REQUIRED BY THE NATIONAL ELECTRICAL CODE.
6. ALL WALL AND SLAB PENETRATIONS OF MASONRY OR CONCRETE CONSTRUCTION SHALL BE SLEEVED.
7. PROVIDE ISOLATION SEPARATORS FOR COPPER PIPING RUNNING THROUGH METAL STUDS.
8. ALL FIXTURES SHALL HAVE SHUTOFF STOP VALVES IN AN ACCESSIBLE LOCATION. PIPING BEYOND THE STOP VALVES AND EXPOSED IN OCCUPIED SPACES SHALL BE CHROME-PLATED. ANY NOTED SHUTOFF VALVES ARE IN ADDITION TO THIS REQUIREMENT.
9. PROVIDE FIRE STOPPING AT ALL PENETRATIONS OF FIRE RELATED ENCLOSURES.

### # PLUMBING PLAN NOTES:

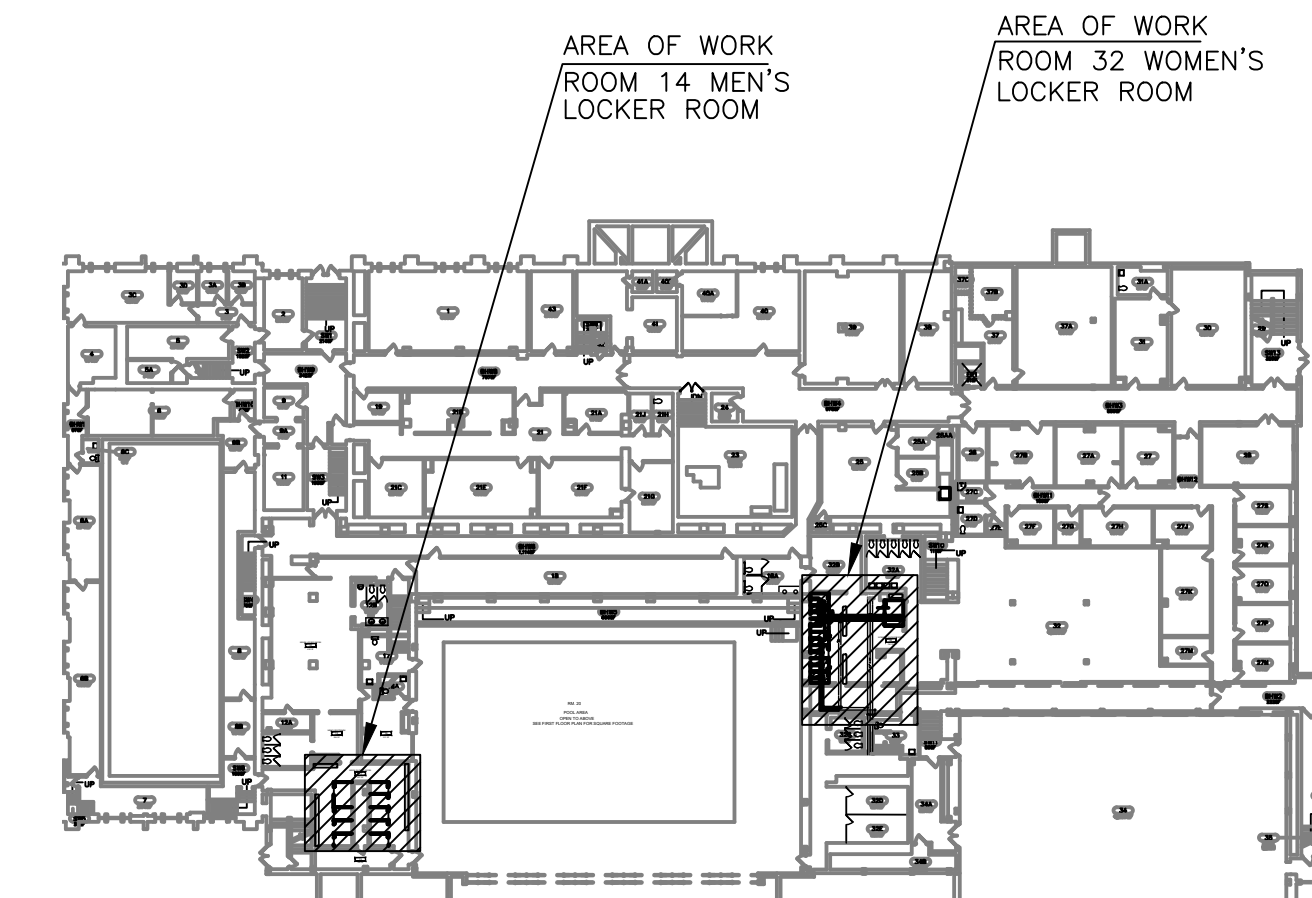
1. INSTALL NEW SHOWER FIXTURE IN LOCATION OF THAT PREVIOUSLY DEMOLISHED. TYPICAL FOR ALL.
2. PROVIDE 25'-0" OF TRENCH DRAIN. VERIFY SLOPING REQUIREMENTS PRIOR TO ORDERING. CONNECT EXISTING SANITARY PIPING INTO DRAIN OUTLETS.
3. REVISE FLOOR TO INSTALL NEW FLOOR DRAIN. SEE ARCHITECTURAL PLANS. TYPICAL FOR ALL.
4. ROUTE HOT AND COLD WATER PIPING FROM EXISTING MAINS TO NEW SHOWER FIXTURE. PIPING SHALL NOT PENETRATE BLOCK WALLS AND SHALL BE CONTAINED WITHIN SURFACE MOUNTED FIXTURE. TYPICAL FOR ALL.



**NEW WOMEN'S LOCKER ROOM MECHANICAL PLAN**  
SCALE: 1/4" = 1'-0"



**NEW WOMEN'S LOCKER ROOM MECHANICAL PLAN**  
SCALE: 1/4" = 1'-0"



**IM-CIRCLE KEY PLAN**  
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