

TOILET ROOM UPGRADES

**DOOLITTLE ELEMENTARY SCHOOL
735 CORNWALL AVENUE
CHESHIRE, CT 06410
BID #2223-09**

S/P+A PROJECT NO. 20.072

DATE: November 14, 2022

The following changes to the Drawings and Project Specifications shall become a part of the Drawings and Project Specifications; superseding previously issued Drawings and Project Specifications to the extent modified by Addendum #1.

General Information:

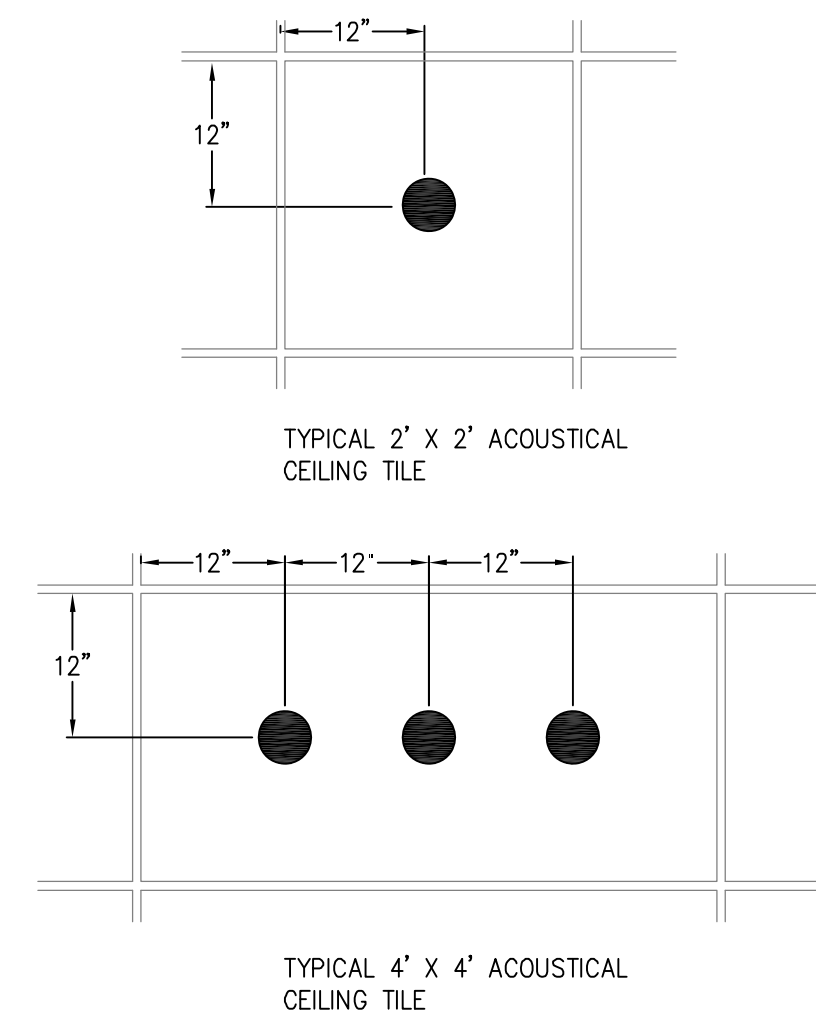
- The deadline for RFIs is Monday, November 21, 2022.

Changes to the Drawings:

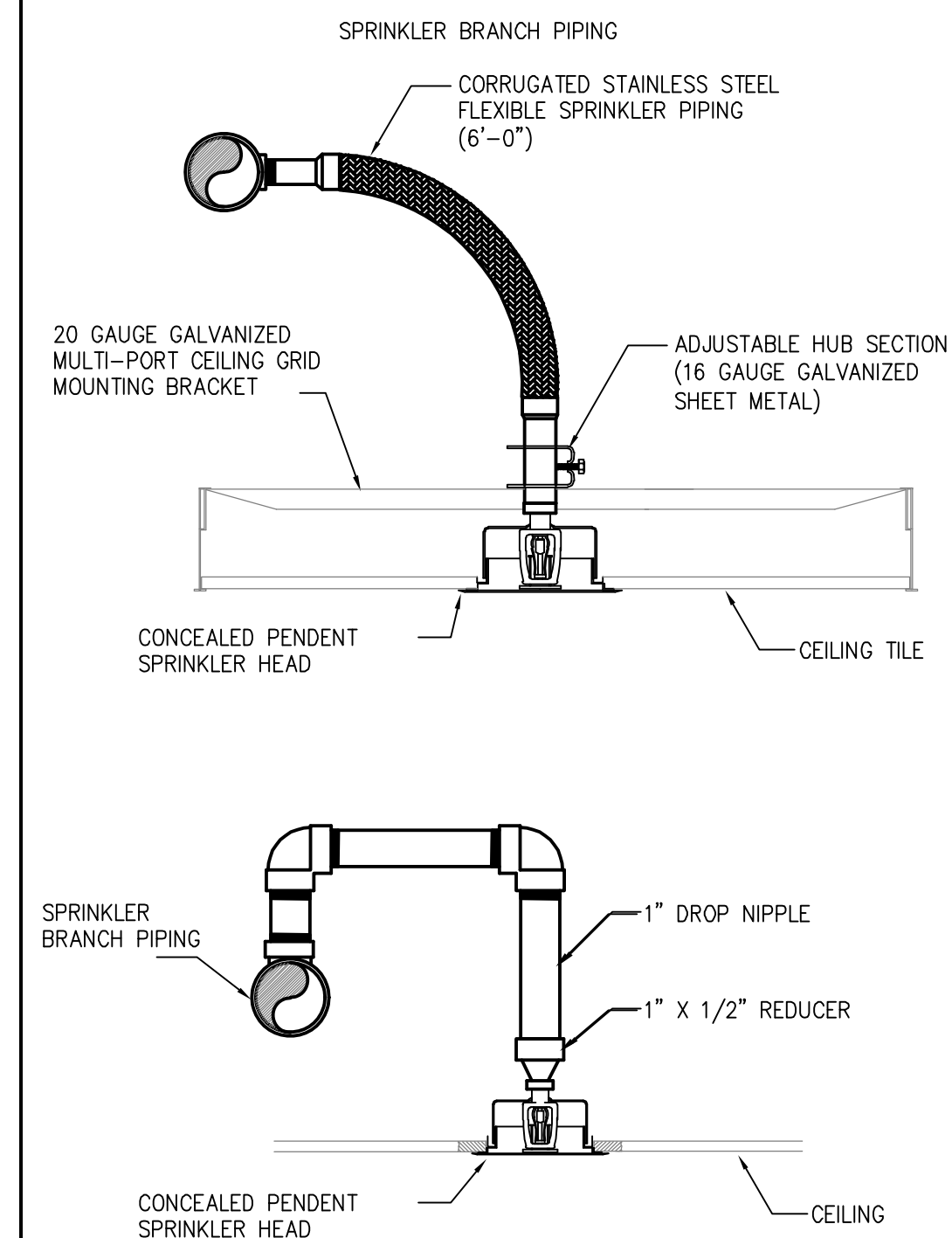
- DRAWING FP101, FIRE PROTECTION PLANS, DETAILS & SCHEDULES has been deleted in its entirety. A new DRAWING FP101 has been added and is attached as part of this addendum.*
- DRAWING P101, PLUMBING PLANS has been deleted in its entirety. A new DRAWING P101 has been added and is attached as part of this addendum.*
- DRAWING M101, MECHANICAL TOILET ROOM FLOOR PLANS & NOTES has been deleted in its entirety. A new DRAWING M101 has been added and is attached as part of this addendum.*
- DRAWING E101, TOILET ROOM ELECTRICAL PLANS & NOTES has been deleted in its entirety. A new DRAWING E101 has been added and is attached as part of this addendum.*

The bid date remains unchanged by this addendum.

The addendum consists of one (1) page of 8½" x 11" text and four (4) 30" x 42" drawings*.
End of ReBid Addendum #1

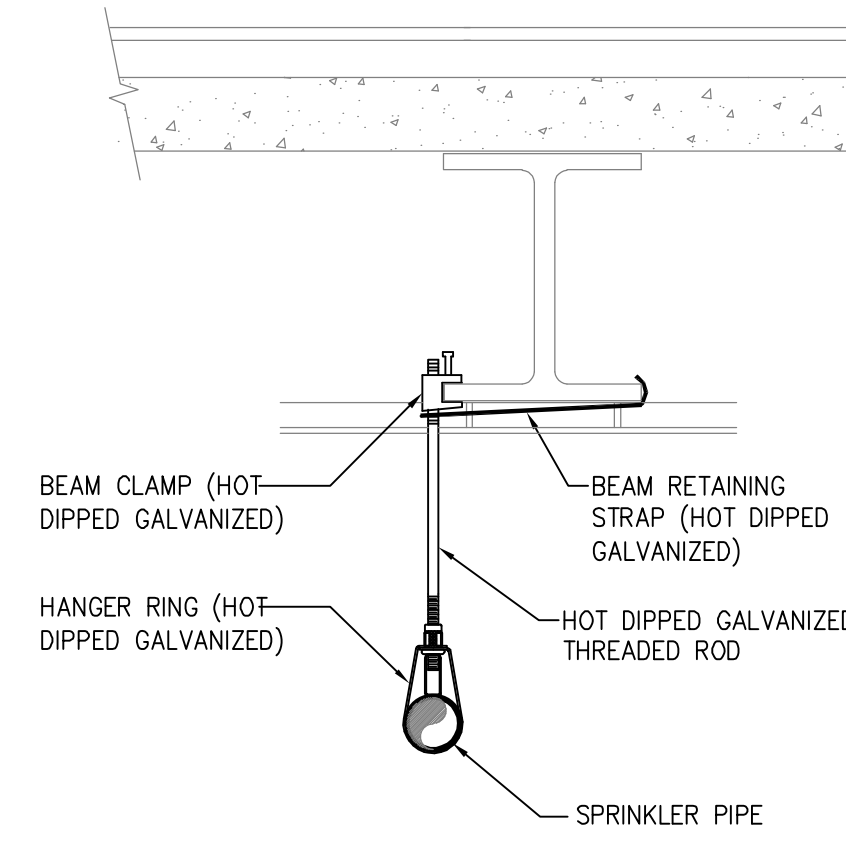


LOCATION OF SPRINKLER HEADS IN GRID SHALL CONFORM TO ONE (1) OF THE LOCATION INDICATED, EXCEPT WHERE SPECIFICALLY DIMENSIONED ON PLANS.

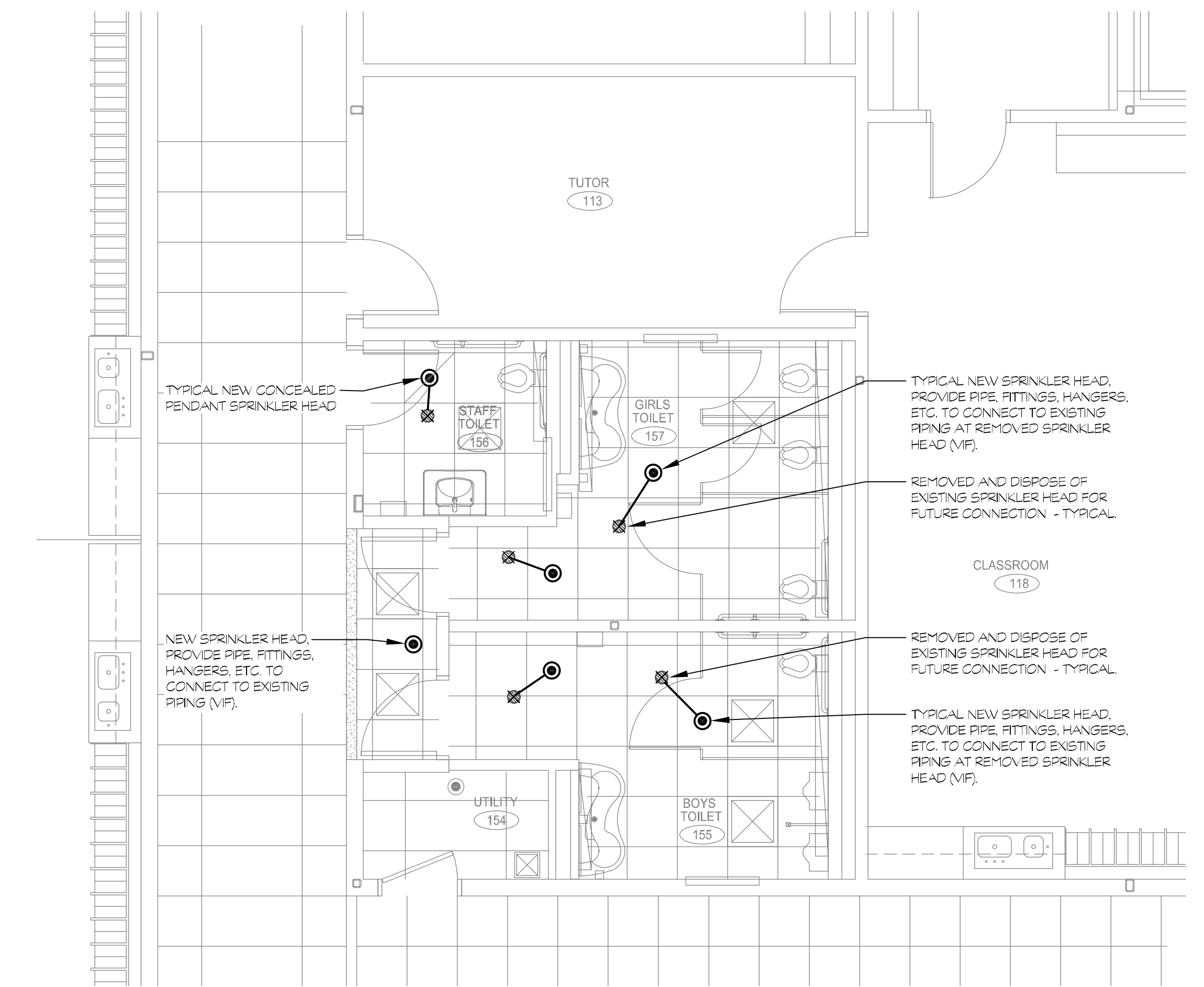


CONTRACTOR SHALL PROVIDE ALL PIPING, FITTINGS, HANGERS, ETC. AS REQUIRED TO PROVIDE A COMPLETE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13.

CONTRACTOR SHALL UTILIZE CONCEALED PENDANT SPRINKLERS AND PIPING IN AREAS WITH FINISHED CEILINGS, AND EXPOSED PIPING AND UPRIGHT SPRINKLERS IN AREAS WITHOUT CEILINGS. PROVIDE AND INSTALL SPRINKLERS UNDER AND ABOVE ALL OBSTRUCTIONS IN ACCORDANCE WITH NFPA 13.



PIPE HANGER TO BEAM DETAIL
NOT TO SCALE

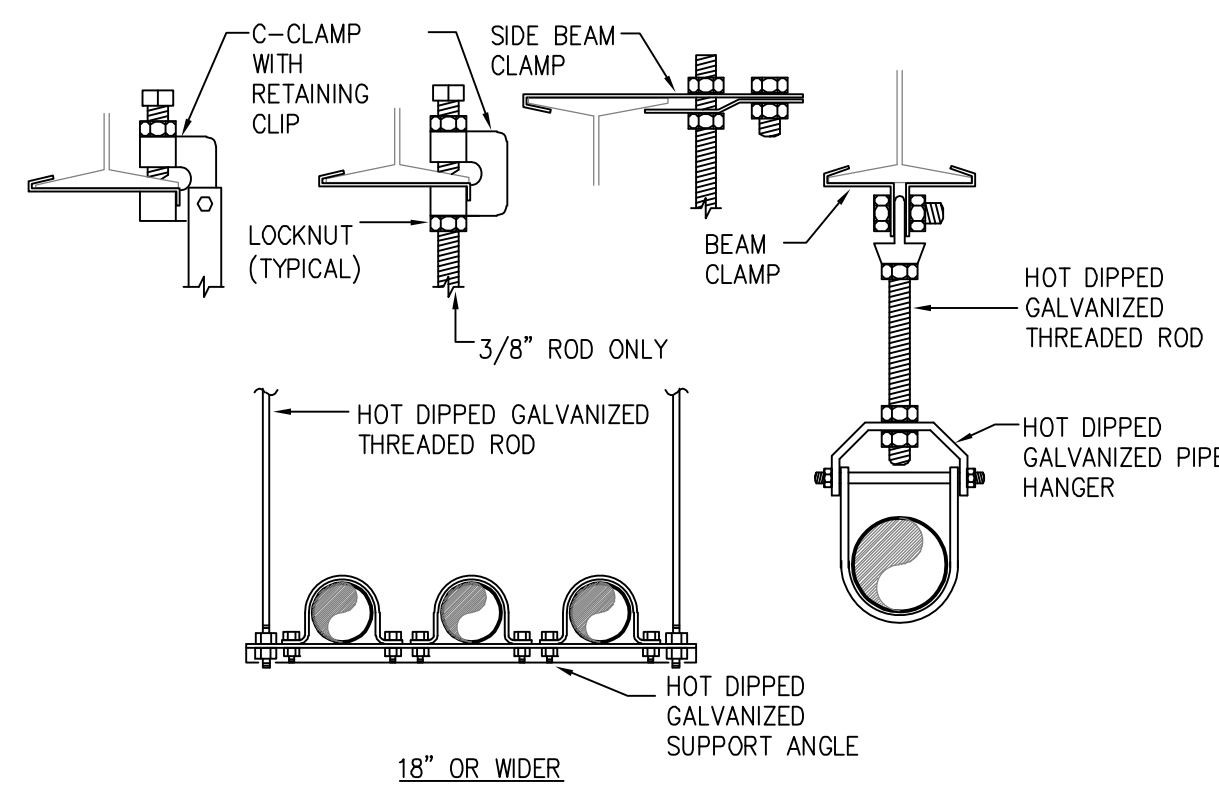


TOILET ROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"

BASE BID
FP101

SUSPENDED CEILING SPRINKLER HEAD LOCATION DETAIL
NOT TO SCALE

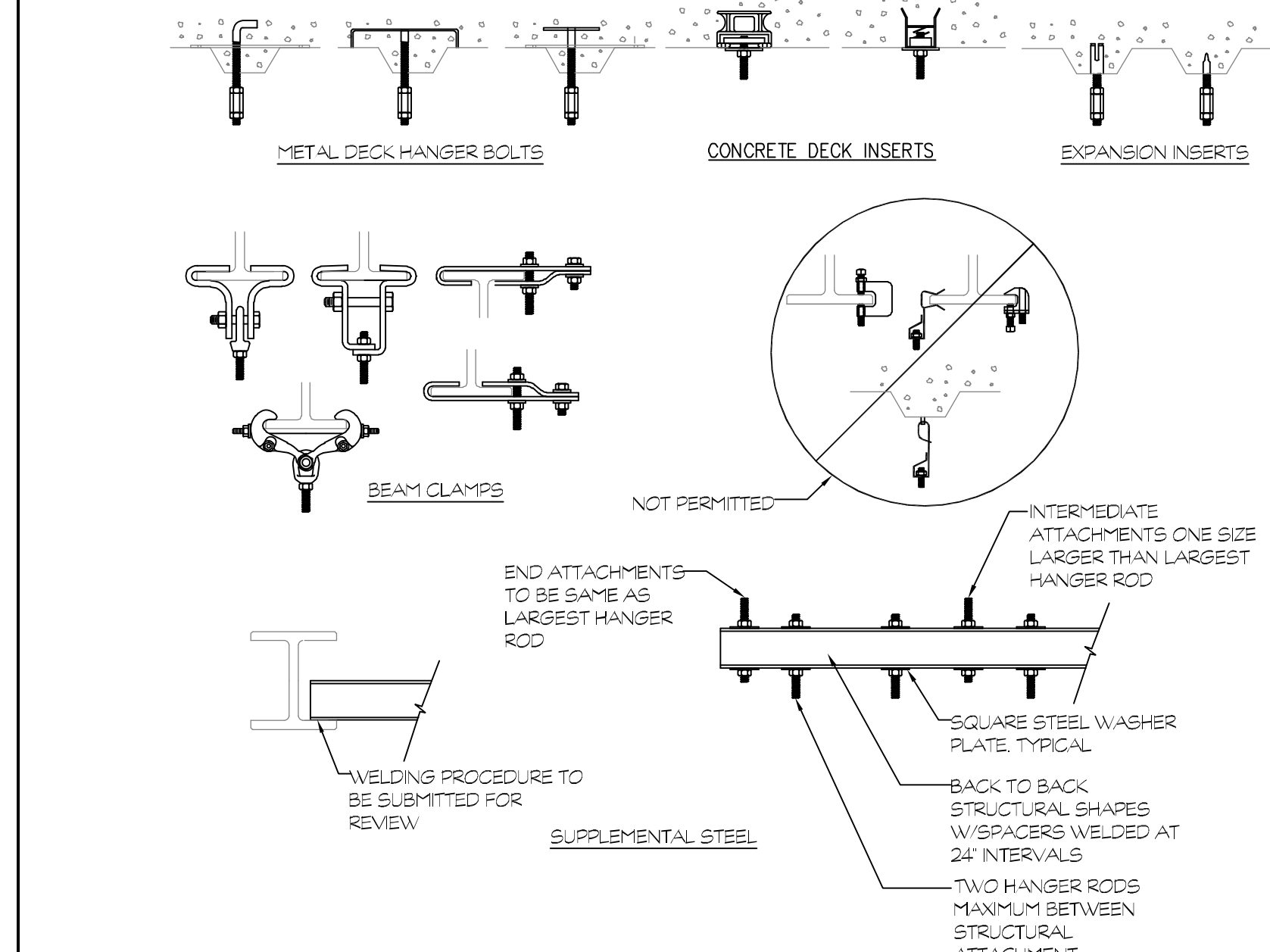
CONCEALED PENDANT SPRINKLER HEAD DETAILS
NOT TO SCALE



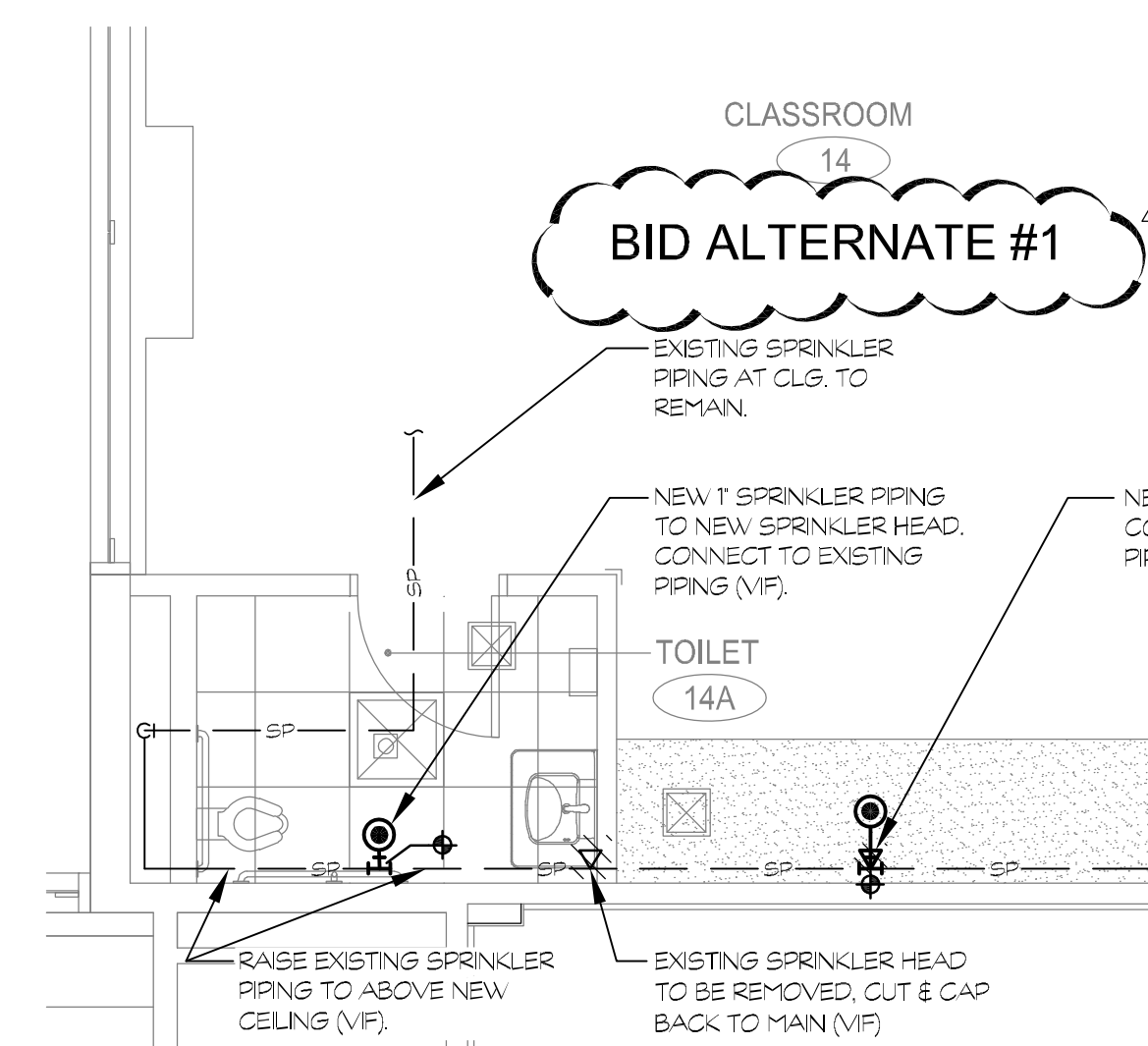
PIPE SIZE	MAX SPACING STEEL PIPE EXCEPT THREADED LIGHTWALL	MAX SPACING STEEL PIPE THREADED LIGHTWALL
1", 1-1/4"	12'-0"	12'-0"
1-1/2", 2", 2-1/2", 3"	15'-0"	12'-0"
4", 6", 8"	15'-0"	N/A

INSTALL HANGERS IN ACCORDANCE WITH NFPA 13 AND STRUCTURAL REQUIREMENTS

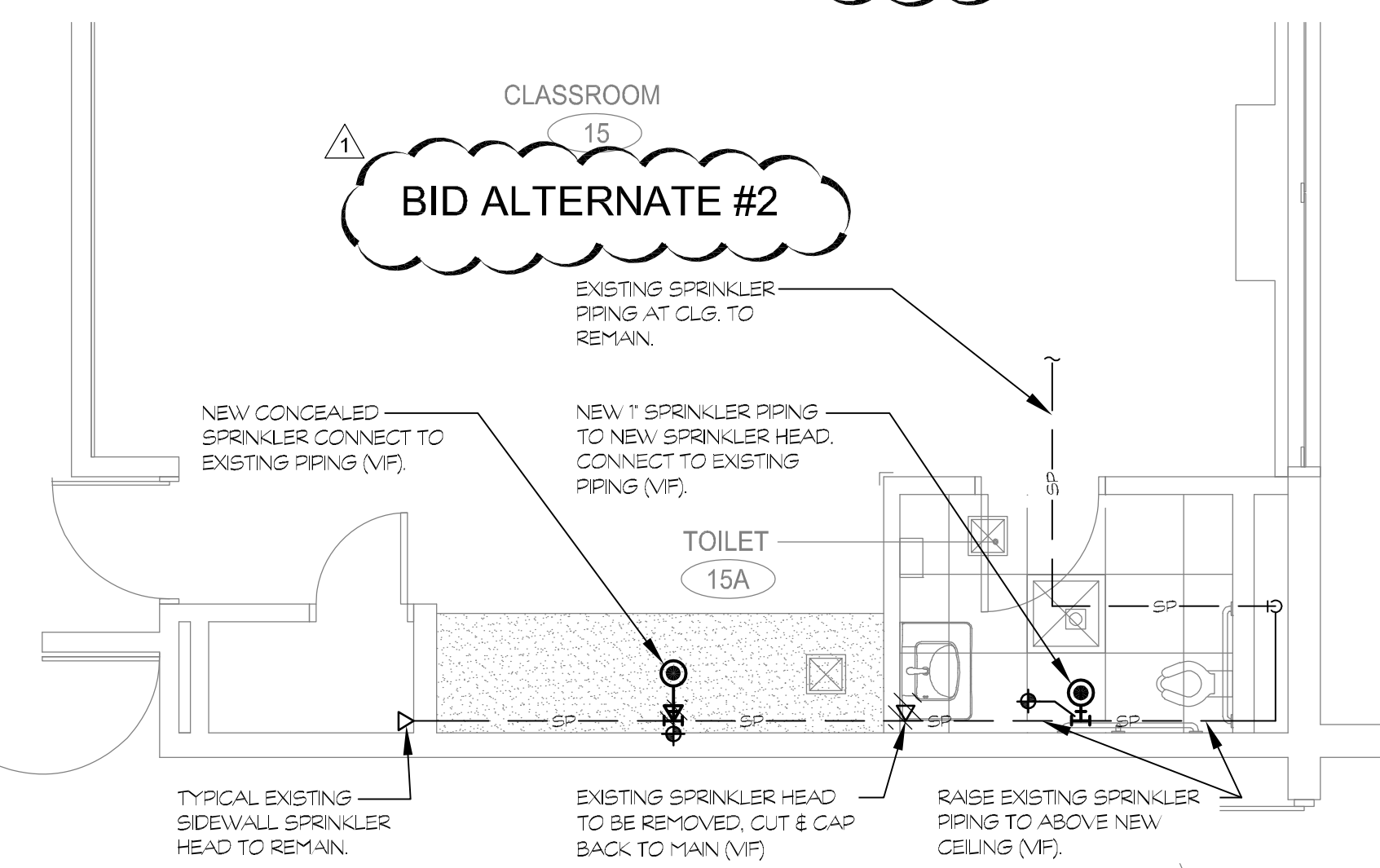
PIPE SUPPORT DETAIL
NOT TO SCALE



PIPE HANGER ATTACHMENT DETAIL
NOT TO SCALE



TOILET ROOMS FLOOR PLANS
SCALE: 1/4" = 1'-0"



TOILET ROOMS FLOOR PLANS
SCALE: 1/4" = 1'-0"

TYPE	STYLE	RESPONSE	COVERAGE	COLOR	DISCHARGE COEFFICIENT (K)	ORIFICE	TEMP.	MANUFACTURER		REMARKS
								MODEL	SN	
PENDANT	CONCEALED	QUICK	STANDARD	WHITE	5.6K	1/2"	155F	V38	V3802	--

NOTES:
 1. FINAL COLORS TO BE SELECTED BY ARCHITECT.
 2. IN AREAS WITH FINISHED CEILINGS CONCEALED, PENDANT SPRINKLER HEADS AND CONCEALED PIPING SHALL BE UTILIZED, UNLESS OTHERWISE INDICATED ON PLANS.
 3. IN AREAS WITHOUT CEILINGS, EXPOSED UPRIGHT SPRINKLER HEADS AND EXPOSED PIPING SHALL BE UTILIZED. UL-LISTED HEAD GUARDS SHALL BE PROVIDED IN AREAS SUBJECT TO DAMAGE (I.E. MECHANICAL ROOMS, GYM, ETC.).
 4. FLEXIBLE SPRINKLER HEAD ASSEMBLIES SHALL BE 6" IN LENGTH, UL-LISTED AND HAVE A STAINLESS STEEL BRAD SIMILAR TO VICTAULIC "VICLOX" ADB BRAIDED SERIES. FLEXIBLE SPRINKLER ASSEMBLIES EQUIVALENT LENGTH MUST BE TAKEN IN ACCOUNT WHEN PRODUCING HYDRAULIC CALCULATIONS.

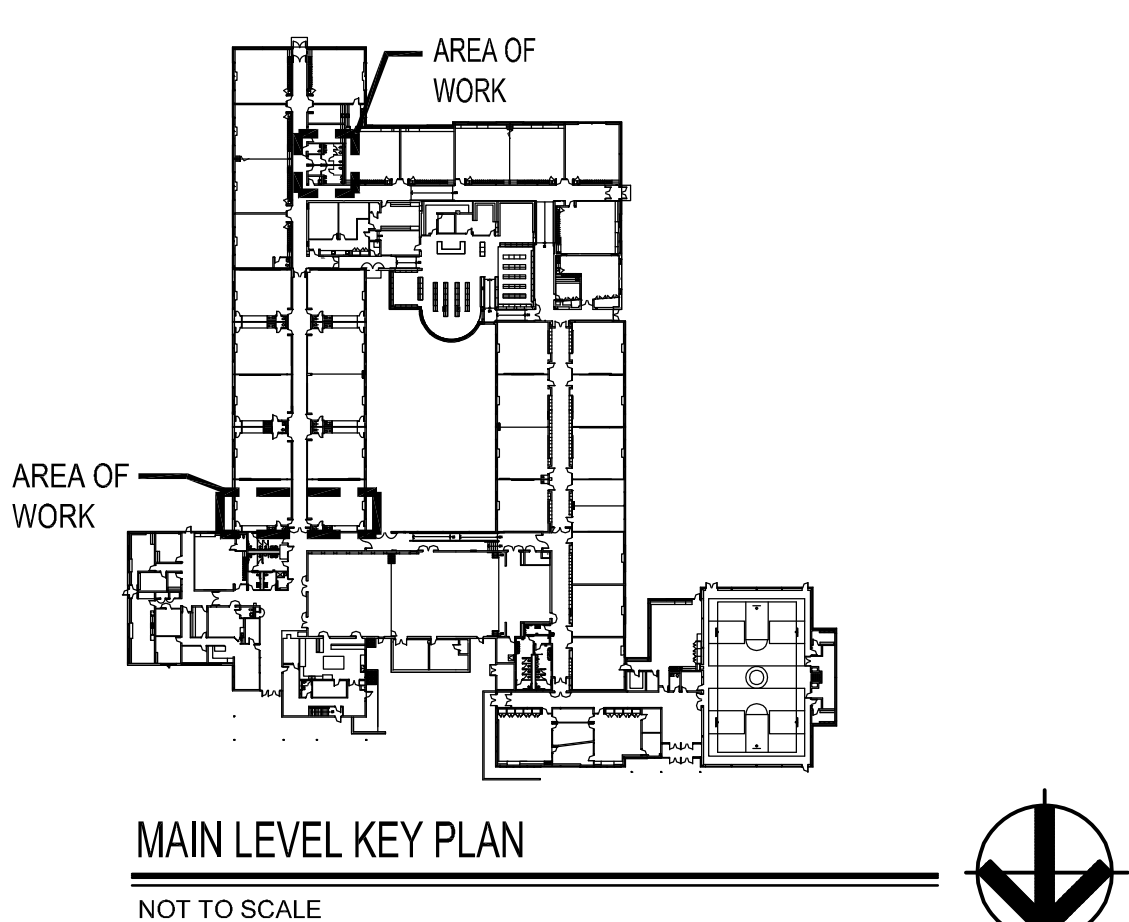
DESCRIPTION	SIZE	PIPE		FITTING		REMARKS
		TYPE	SCHEDULE	TYPE	RATING	
WET SPRINKLER PIPING	2" AND SMALLER	STL-BLK	40	MIT	STD	--
WET SPRINKLER PIPING	2-1/2" AND LARGER	STL-BLK	10	GRV	STD	--

NOTES:
 1. ALL EXPOSED PIPING AND FITTINGS WITHIN FINISHED AREAS SHALL BE CUSTOM PAINTED IN ACCORDANCE WITH NFPA, OWNER'S PAINTING REQUIREMENTS AND COORDINATED WITH ARCHITECT.
 2. ALL PIPING IN RETURN AIR CEILING PLENUM INSTALLATIONS SHALL BE UL-LISTED FOR THIS APPLICATION.

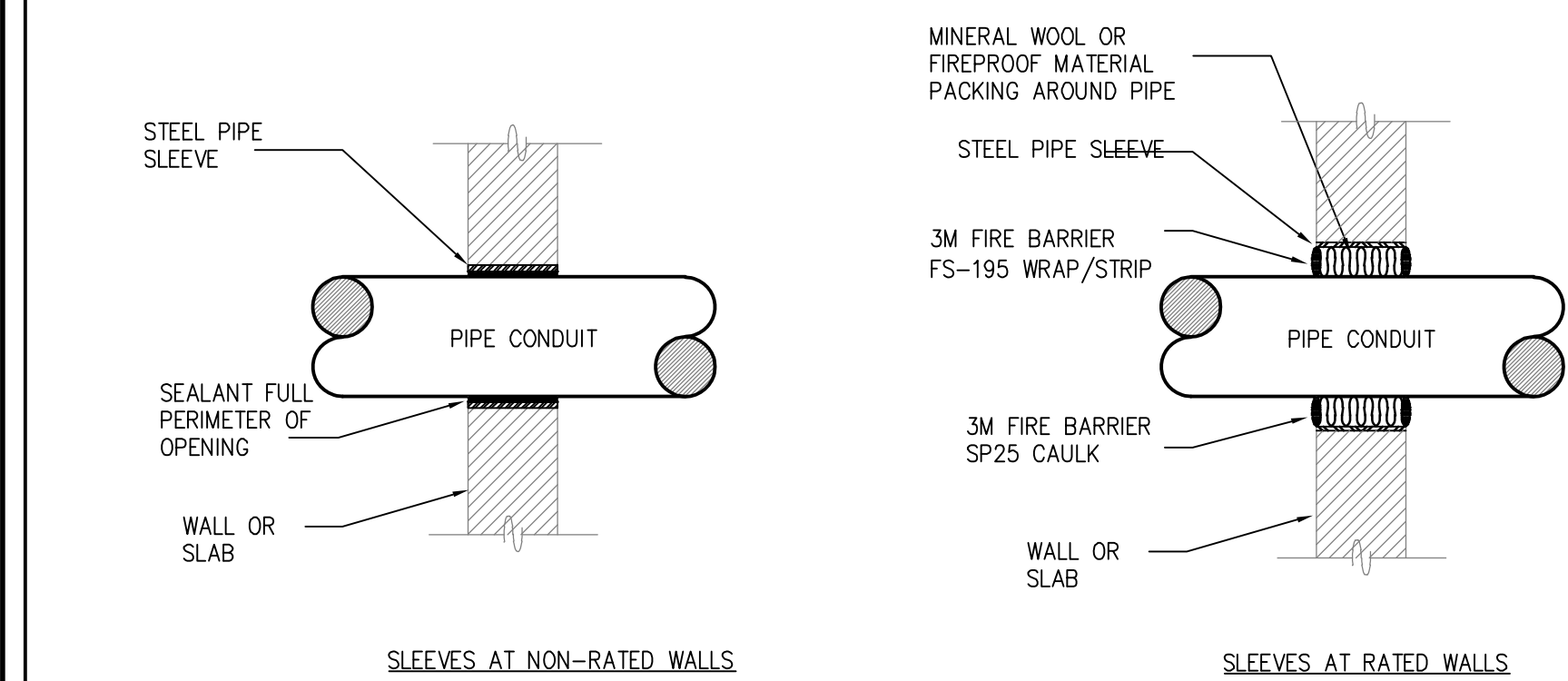
ABBREVIATIONS	DESCRIPTION	ABBREVIATIONS	DESCRIPTION
GRV	GROOVED JOINT SYSTEM FITTINGS/COUPLINGS	STD	STANDARD
MIT	MALLEABLE IRON THREADED	STL-BLK	BLACK STEEL

FIRE PROTECTION DEMOLITION NOTES

- NOTIFY PROPER AUTHORITIES (INCLUDING BUT NOT LIMITED TO: THE LOCAL A.H.J., INSURANCE COMPANY, ETC.) OF ANY FIRE PROTECTION "SHUT DOWNS". SCHEDULE WORK TO MINIMIZE THE LENGTH OF TIME THAT THE FIRE PROTECTION SYSTEM(S) WILL BE OUT OF SERVICE. RETURN THE SPRINKLER SYSTEM BACK IN SERVICE AT THE END OF EACH WORKING DAY.
- THIS PROJECT IS A RENOVATION OF EXISTING FACILITY.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS, OMISSIONS, OR ERRORS HE MAKES AS A RESULT OF HIS FAILURE TO BECOME FULLY FAMILIAR WITH EXISTING CONDITIONS.
- THE SPRINKLER CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING SPRINKLER PIPING, HANGERS, HEADS, ETC. AS INDICATED (VERIFY IN FIELD), CAP ANY UNUSED OUTLETS.
- THE CONTRACTOR SHALL PROPERLY CAP AND TERMINATE ANY UNUSED DRAIN AND FIRE PROTECTION WATER SUPPLIES (IN ACCORDANCE WITH LOCAL WATER AUTHORITY REQUIREMENTS).

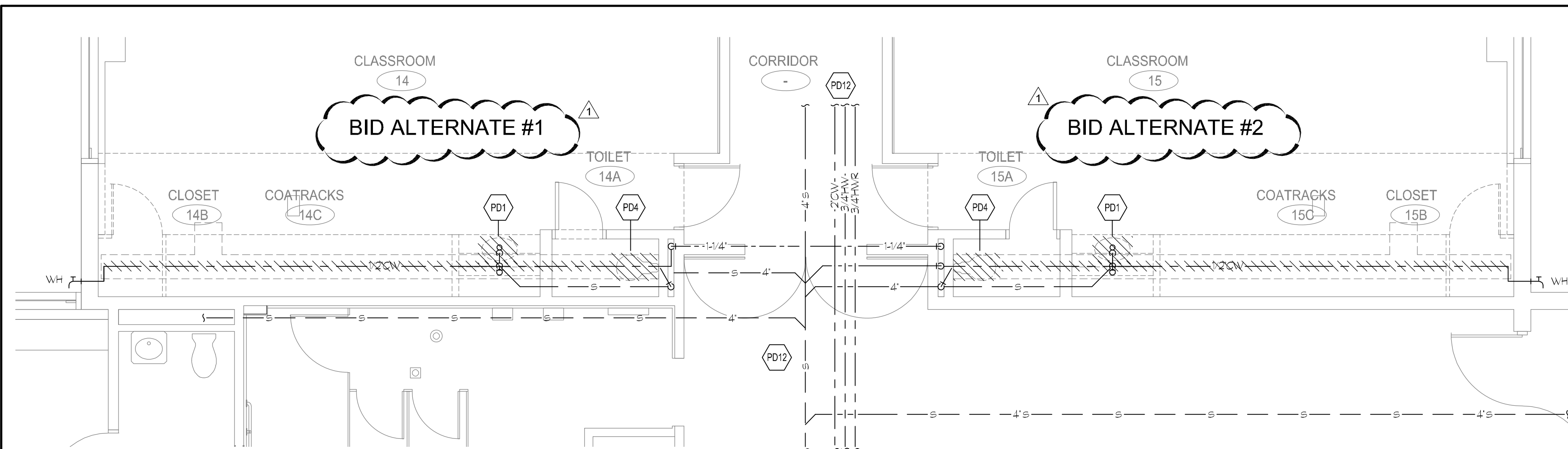


MAIN LEVEL KEY PLAN
NOT TO SCALE

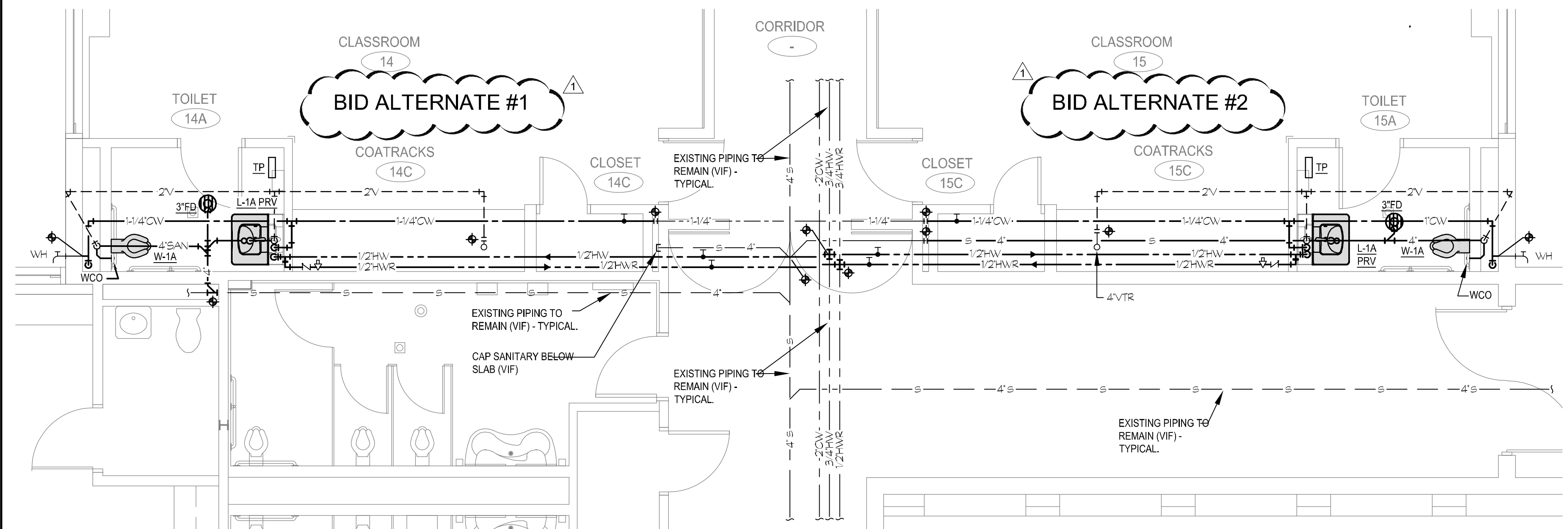


PIPE PENETRATION DETAIL
NOT TO SCALE

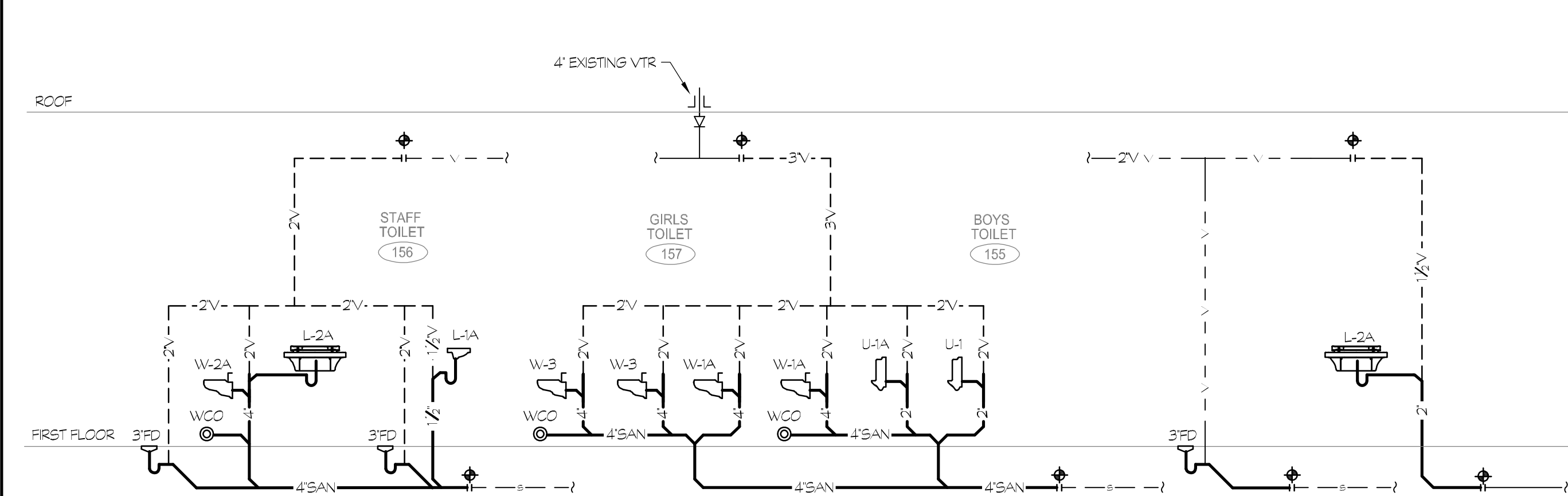
GENERAL NOTES:
 PROVIDE UL LISTED, FM APPROVED FIRE/SMOKE PENETRATION ASSEMBLIES IN ACCORDANCE WITH UL1479, ASTM E 184 REQUIREMENTS FOR WALL TYPE, RATING AND PIPE SIZES.
 FIRESTOPPING SHALL HAVE A RATING EQUAL TO OR GREATER THAN THE WALL BEING PENETRATED. REFER TO ARCHITECTURAL DRAWINGS FOR WALL RATINGS.
 FOR WALL PENETRATIONS AT RATED WALLS SEE SPECIFICATION SECTION "FIRESTOPPING".



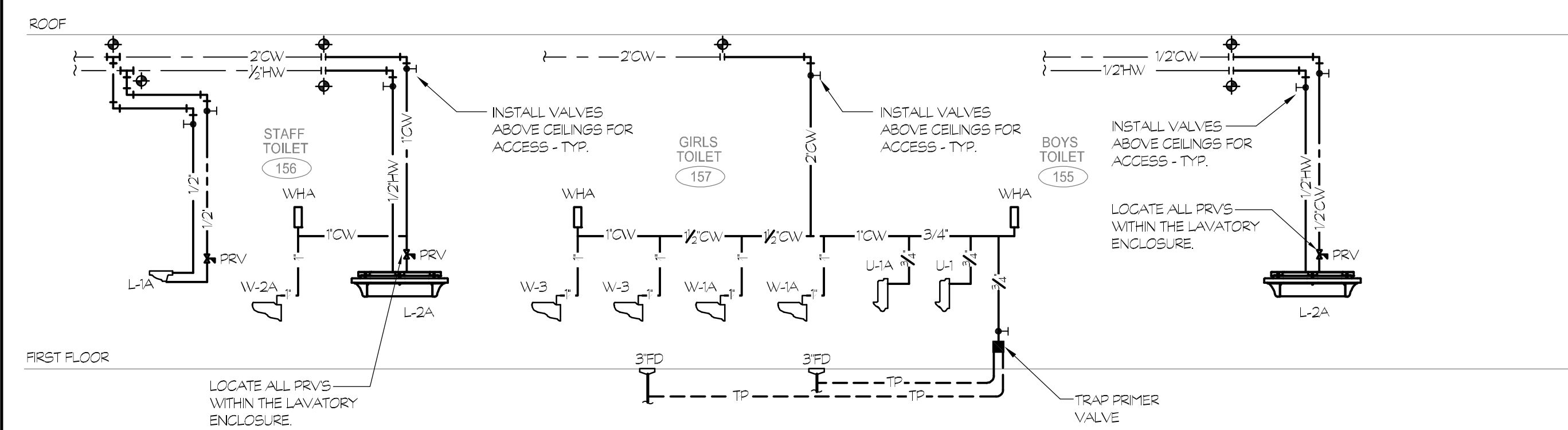
TOILET ROOM DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
1 P101



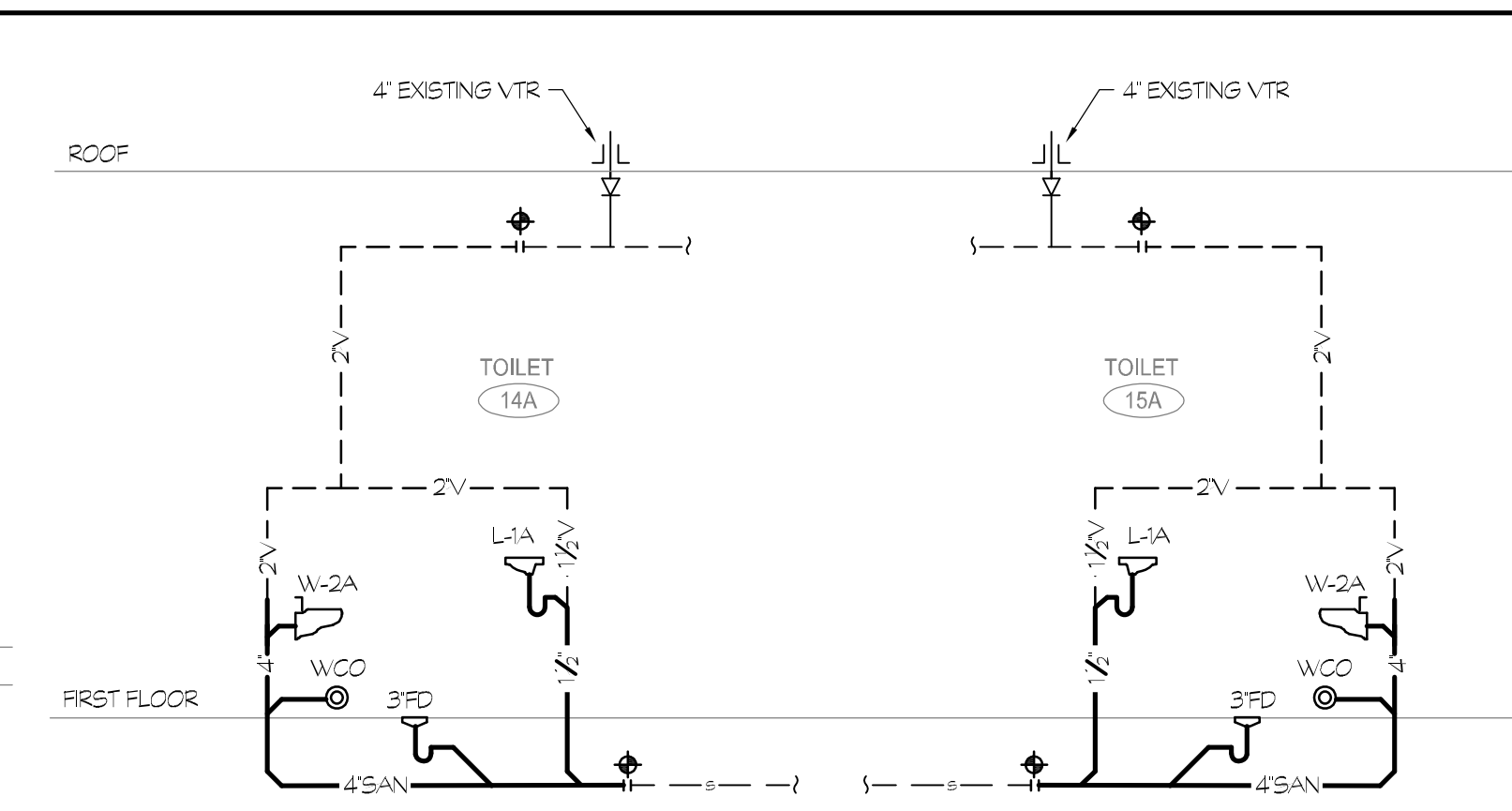
TOILET ROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"
2 P101



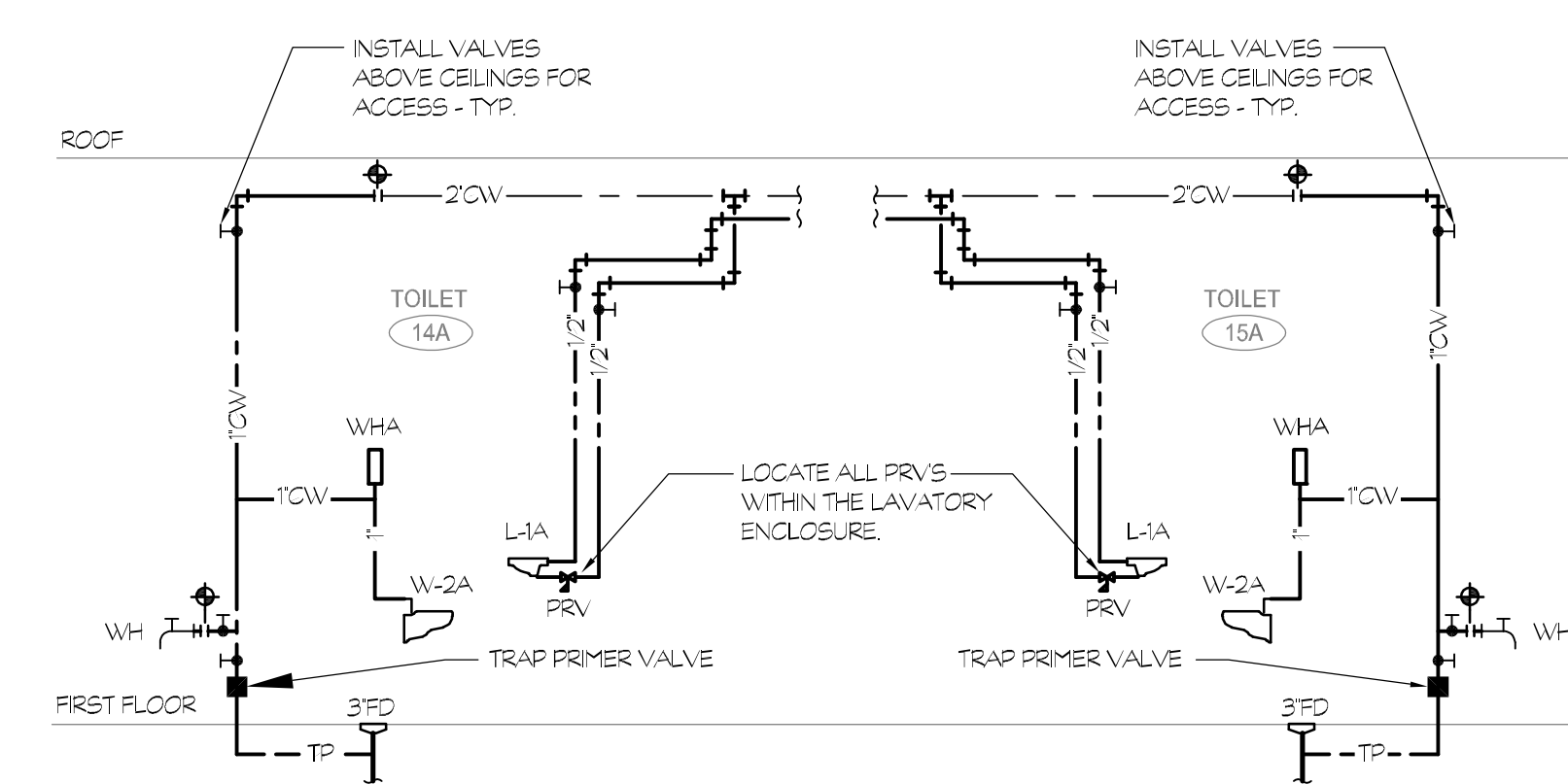
SANITARY RISER DIAGRAM
SCALE: NONE
5 P101



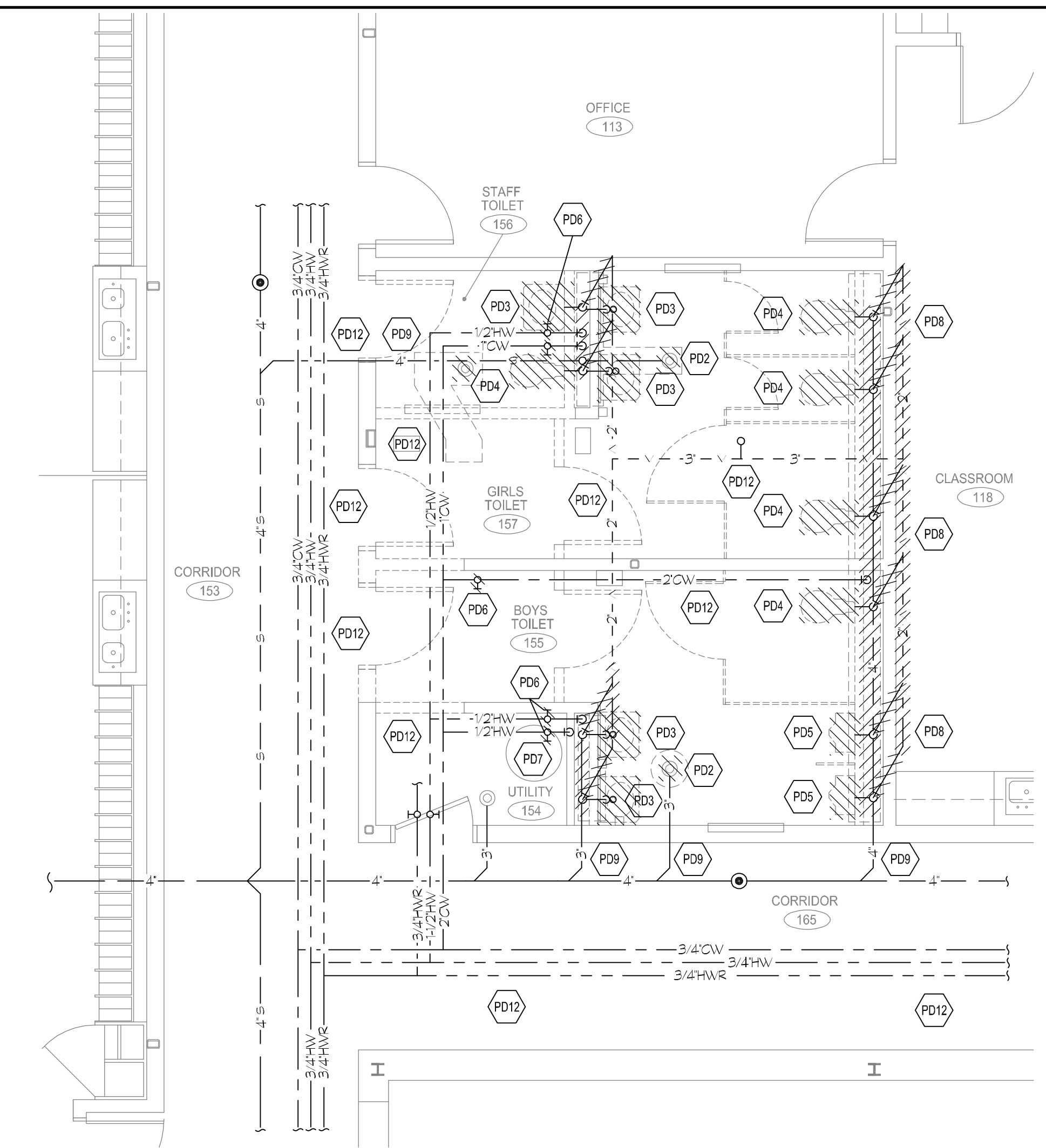
WATER RISER DIAGRAM
SCALE: NONE
6 P101



SANITARY RISER DIAGRAM
SCALE: NONE
7 P101



WATER RISER DIAGRAM
SCALE: NONE
8 P101

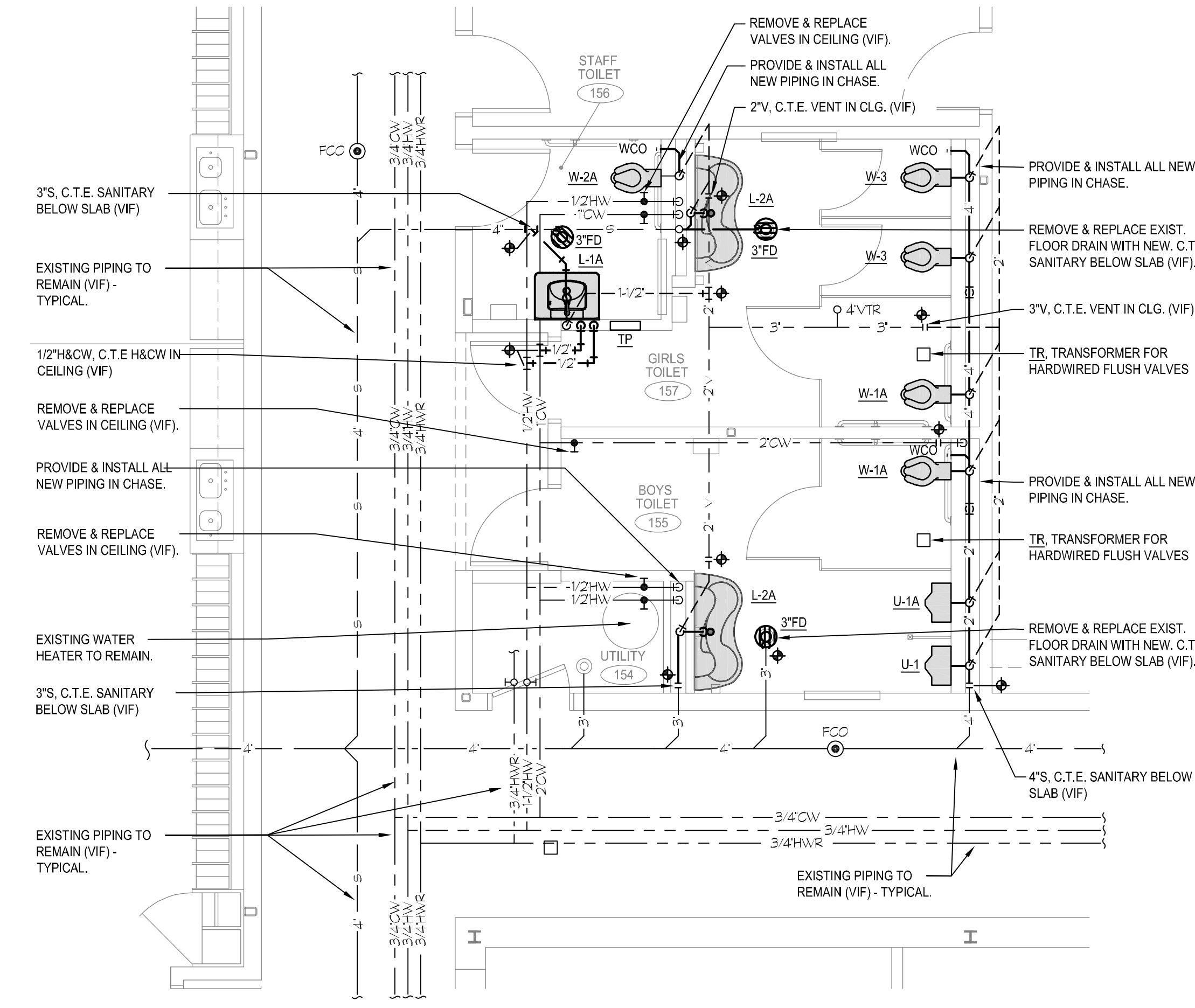


TOILET ROOM DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
3 P101

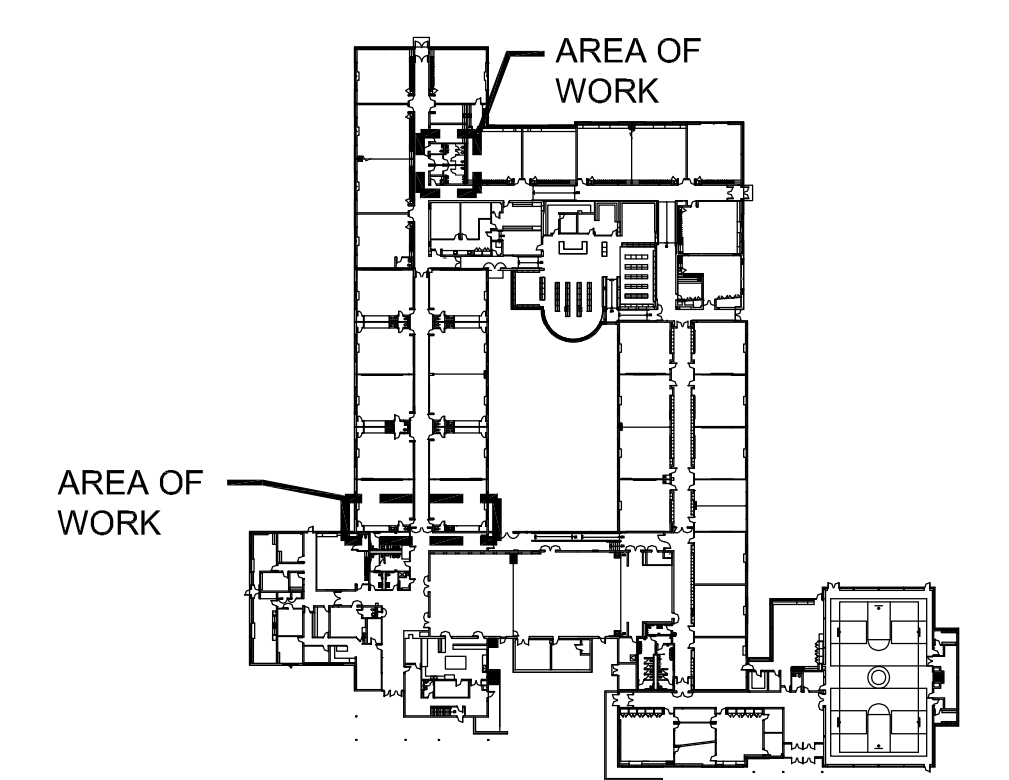
DEMOLITION LEGEND	
SYMBOL	DESCRIPTION
	EXISTING PIPING OR EQUIPMENT TO REMAIN
	EXISTING PIPING OR EQUIPMENT TO BE REMOVED
	EXISTING PIPING OR EQUIPMENT TO BE REMOVED
	EXISTING PIPING OR EQUIPMENT TO BE REMOVED

DEMOLITION KEY NOTES:

- REMOVE AND DISPOSE OF EXISTING SINK. REMOVE ALL EXISTING EXPOSED WATER, WASTE AND VENT PIPING. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- REMOVE AND DISPOSE OF EXISTING FLOOR DRAIN. REMOVE ALL EXISTING EXPOSED WATER AND VENT PIPING. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- REMOVE AND DISPOSE OF EXISTING LAVATORY. REMOVE ALL EXISTING EXPOSED WATER, WASTE AND VENT PIPING. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- REMOVE AND DISPOSE OF EXISTING WATER CLOSET. REMOVE ALL EXISTING EXPOSED WATER, WASTE AND VENT PIPING. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- REMOVE AND DISPOSE OF EXISTING URINAL. REMOVE ALL EXISTING EXPOSED WATER, WASTE AND VENT PIPING. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- REMOVE AND DISPOSE OF EXISTING VALVES IN CEILING.
- EXISTING WATER HEATER TO BE REMAIN IN PLACE.
- REMOVE AND DISPOSE OF EXISTING WASTE AND VENT PIPING. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- EXISTING SANITARY PIPING BELOW GRADE TO REMAIN. SINK, CLEAN, AND LET ALL EXISTING PIPING WHEN COMPLETE CAMERA INSPECT WITH A VIDEO CAMERA. PROVIDE REPORT.
- REMOVE AND DISPOSE OF EXISTING FLOOR CLEANOUT BELOW SLAB. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- REMOVE AND DISPOSE OF EXISTING HOSE BIBS. REMOVE ALL EXISTING WATER PIPING. CAP PIPING BELOW FLOOR, CEILING AND WALL WITHIN 2 FT OF HANG.
- EXISTING PIPING TO REMAIN. PROTECT DURING CONSTRUCTION.



TOILET ROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"
4 P101



MAIN LEVEL KEY PLAN
NOT TO SCALE

HVAC NOTES

1. REFER TO NOTES ON DRAWING M001.

HVAC PIPING NOTES

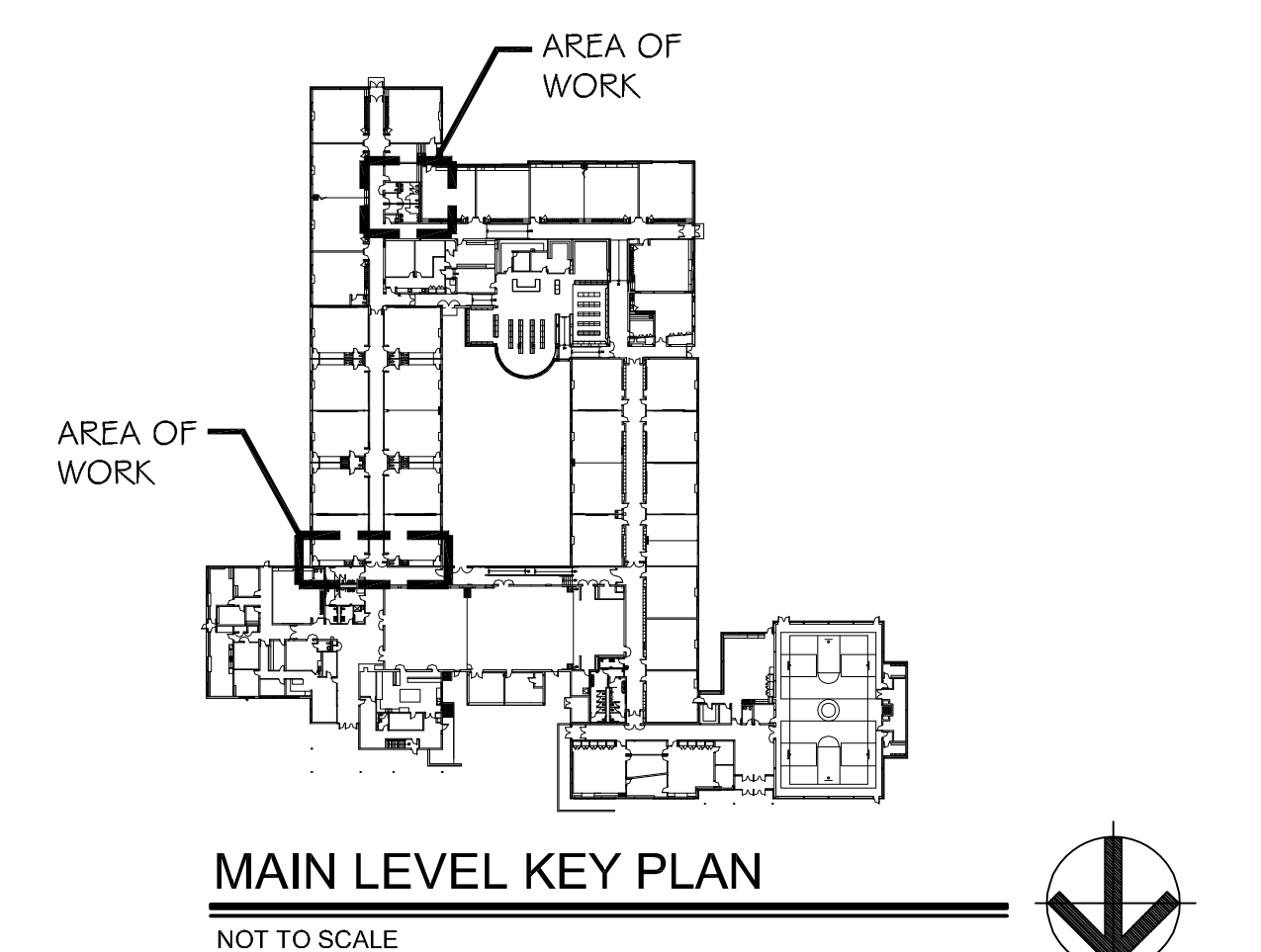
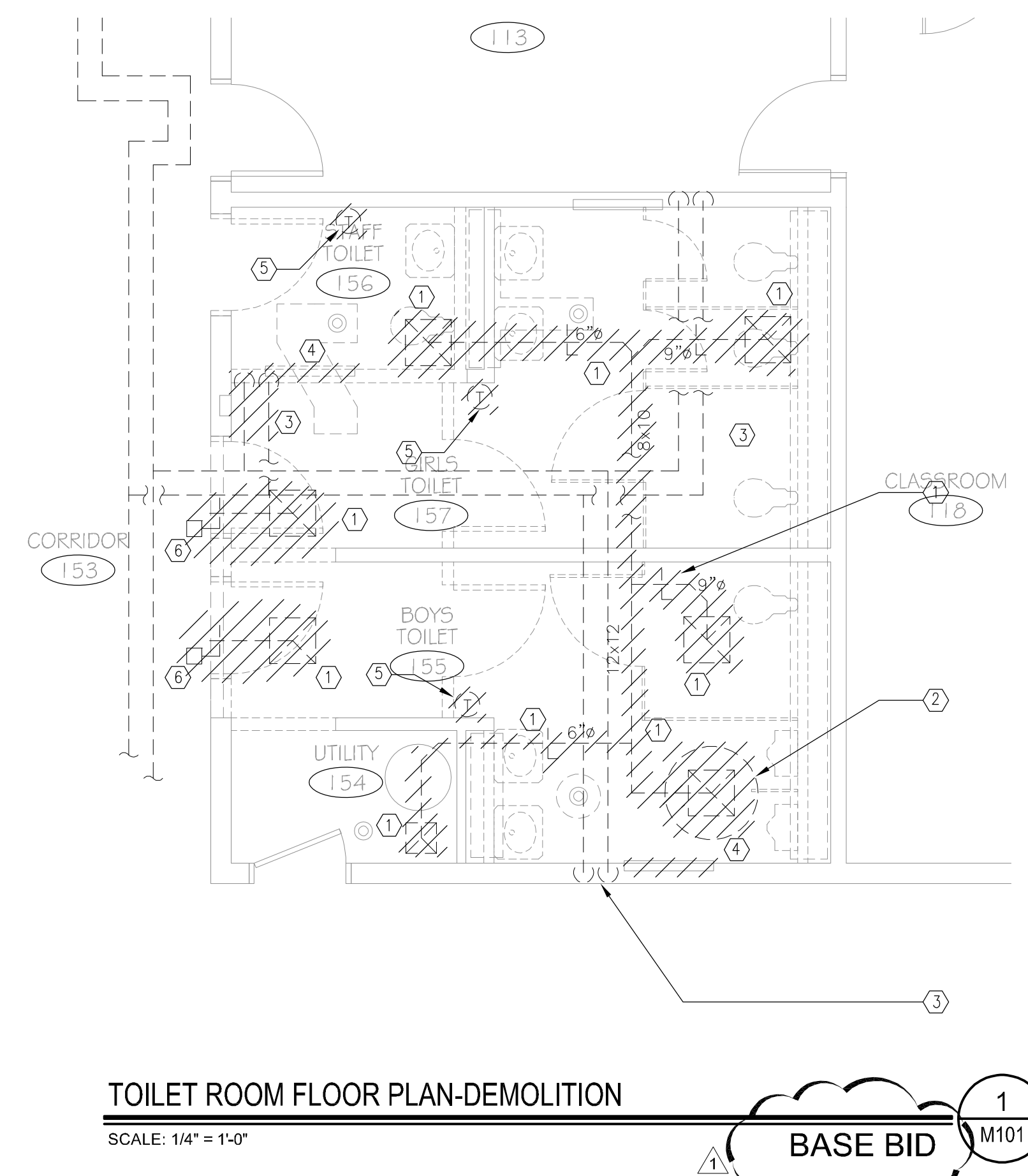
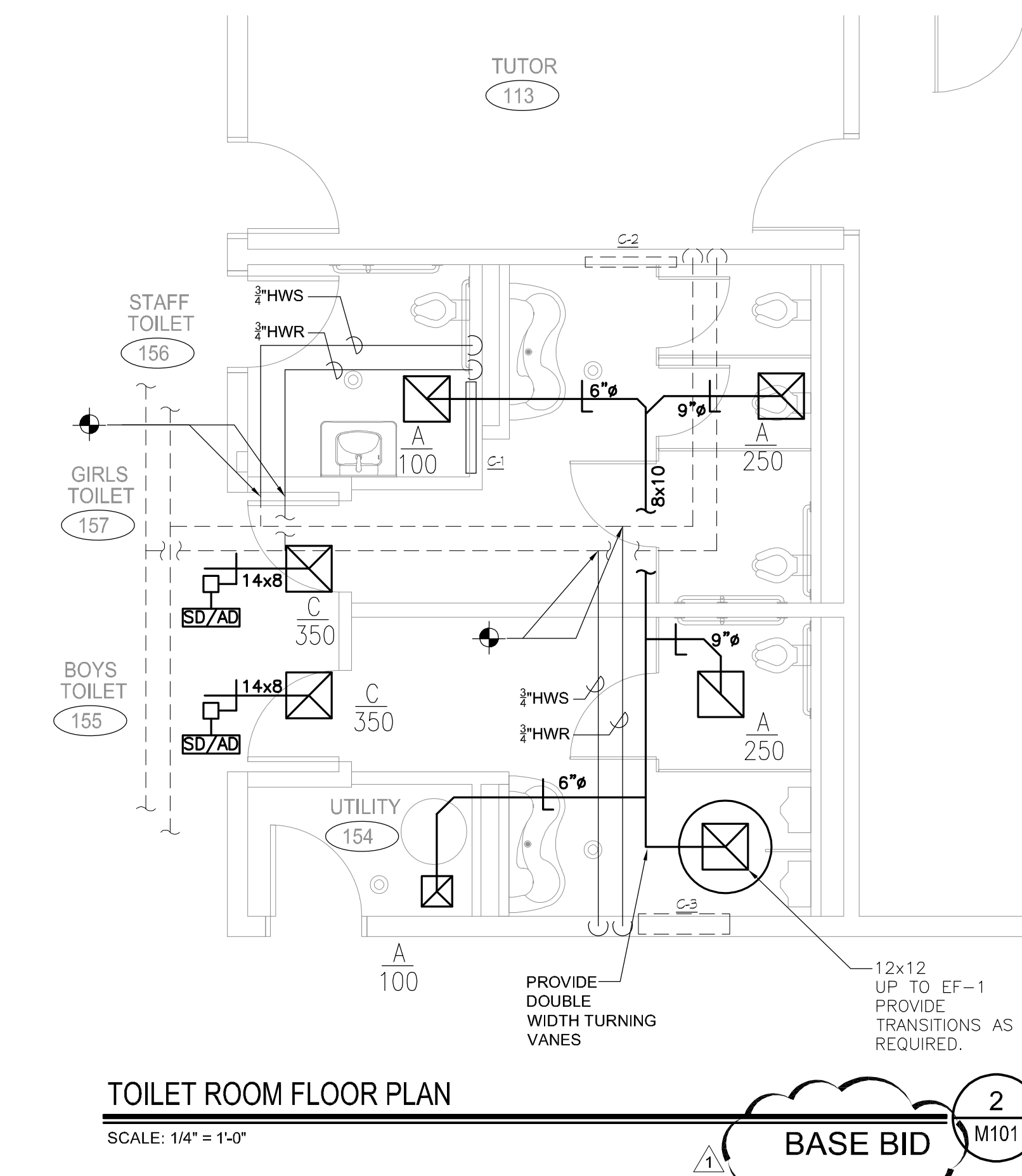
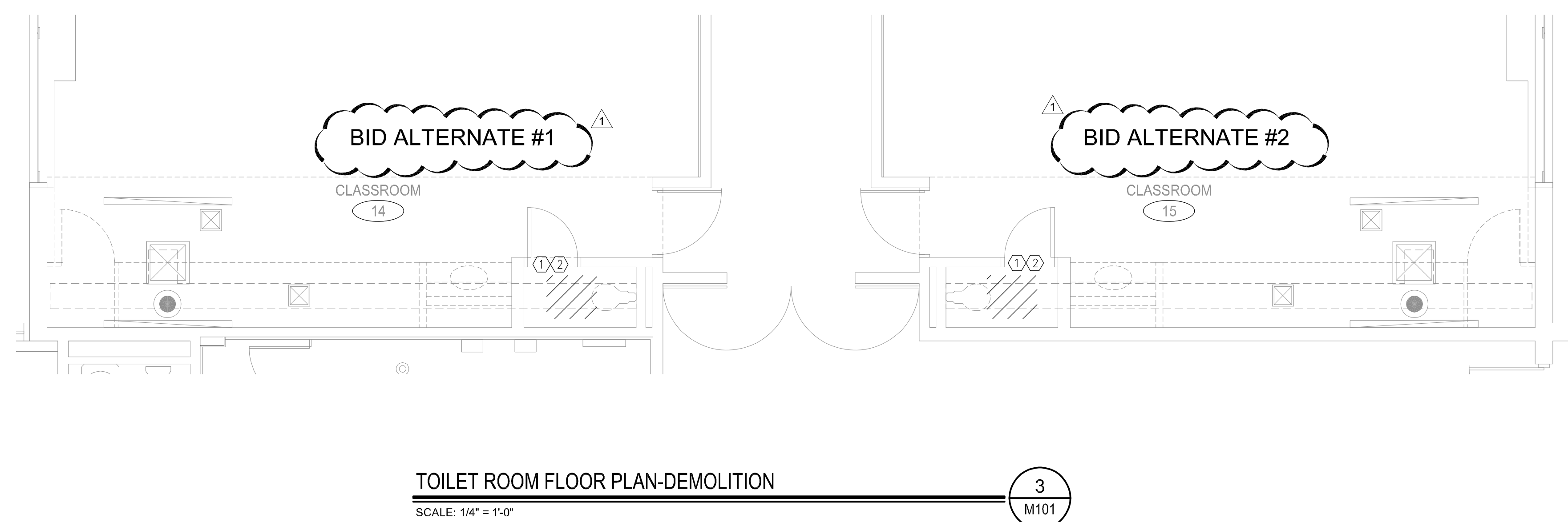
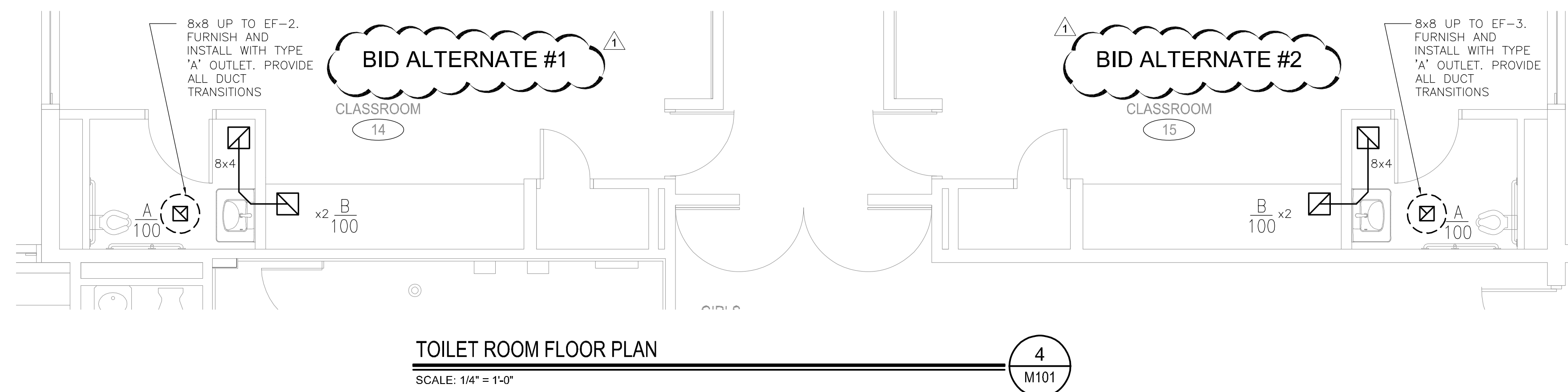
1. REFER TO NOTES ON DRAWING M001.

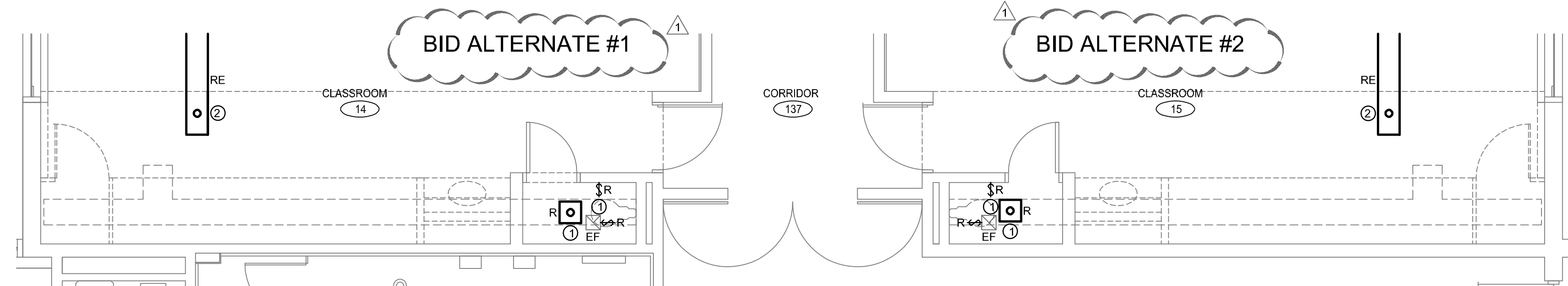
DEMOLITION NOTES (X)

1. REMOVE EXISTING AIR OUTLET/INLET AND ASSOCIATED DUCTWORK, INSULATION, SUPPORTS, HANGERS, ETC.
2. REMOVE EXISTING ROOF MOUNTED EXHAUST FAN, CURB & ASSOCIATED DUCTWORK. COORDINATE FAN REMOVAL WITH ELECTRICAL. COORDINATE WITH ARCHITECTURAL.
3. REMOVE EXISTING INSULATION, MASTIC, AND COVERINGS ON EXPOSED PIPING.
4. REMOVE EXISTING HOT WATER CONVECTORS.
5. REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING.
6. REMOVE EXISTING SMOKE DAMPERS. COORDINATE WITH ELECTRICAL AND BUILDING FIRE ALARM SYSTEM.

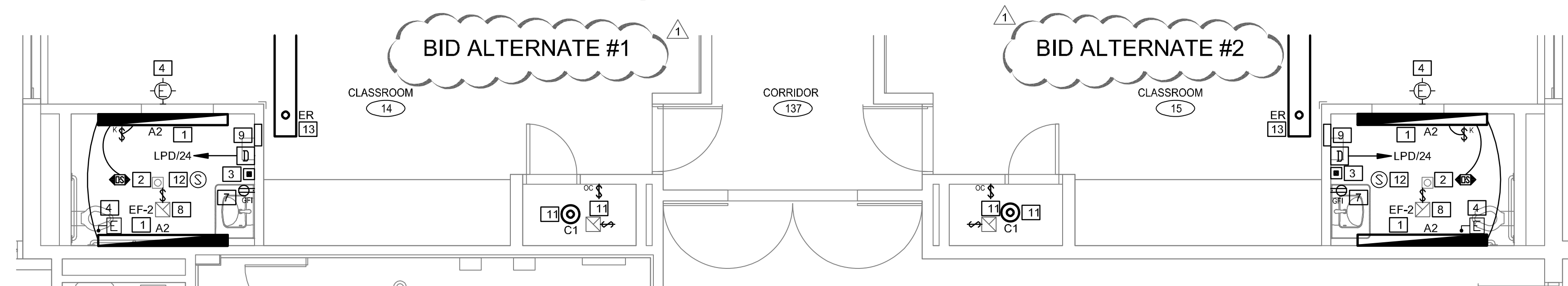
HVAC NOTES:

1. REFER TO DWG. M001 FOR GENERAL AND HVAC NOTES.
2. PROVIDE ALL OFF-SETS AS REQUIRED FOR DUCTWORK TO CLEAR ALL DEVICES, STRUCTURAL MEMBERS, ASSOCIATED PIPING ETC.
3. TRANSITION NEW DUCTS AT CONNECTIONS TO FANS AND AIR OUTLETS/INLETS TO MATCH CONNECTING SIZES.
4. ALL DUCTWORK SHALL BE SHEET METAL AND TO SMACNA STANDARDS.
5. PROVIDE VOLUME DAMPERS ON ALL EXHAUST BRANCH TAKE-OFF.
6. PROVIDE FIRE DAMPERS AND/OR SMOKE DAMPERS IN ALL RATED WALLS. CONFIRM ALL WALL RATING WITH ARCHITECTURAL.
7. PROVIDE SLEEVES FOR ALL PENETRATIONS THROUGH WALLS. PACK WITH FIRE CAULK FOR RATED WALLS. CORE DRILL WALLS AS REQUIRED.
8. THIS CONTRACTOR SHALL NOTE THAT FULLY COORDINATED DUCTWORK SHOP DRAWINGS MUST CLEARLY INDICATE ALL LIGHTING, CONDUIT, STRUCTURAL, ROUTING OF ALL DUCTWORK SUBJECT TO ARCHITECT APPROVAL.
9. CONTRACTOR TO NOTE THAT FINAL ARRANGEMENT FOR DUCTWORK LAYOUT SUBJECT TO ENGINEER AND ARCHITECT APPROVAL.
10. CONTRACTOR TO ENSURE ALL MOTOR EFFICIENCIES ARE PROVIDED AT MAXIMUM.
11. CONTRACTOR TO NOTE THAT ALL EXPOSED PRODUCTS SHALL BE PROVIDED WITH CUSTOM COLORS AS SELECTED BY ARCHITECT.

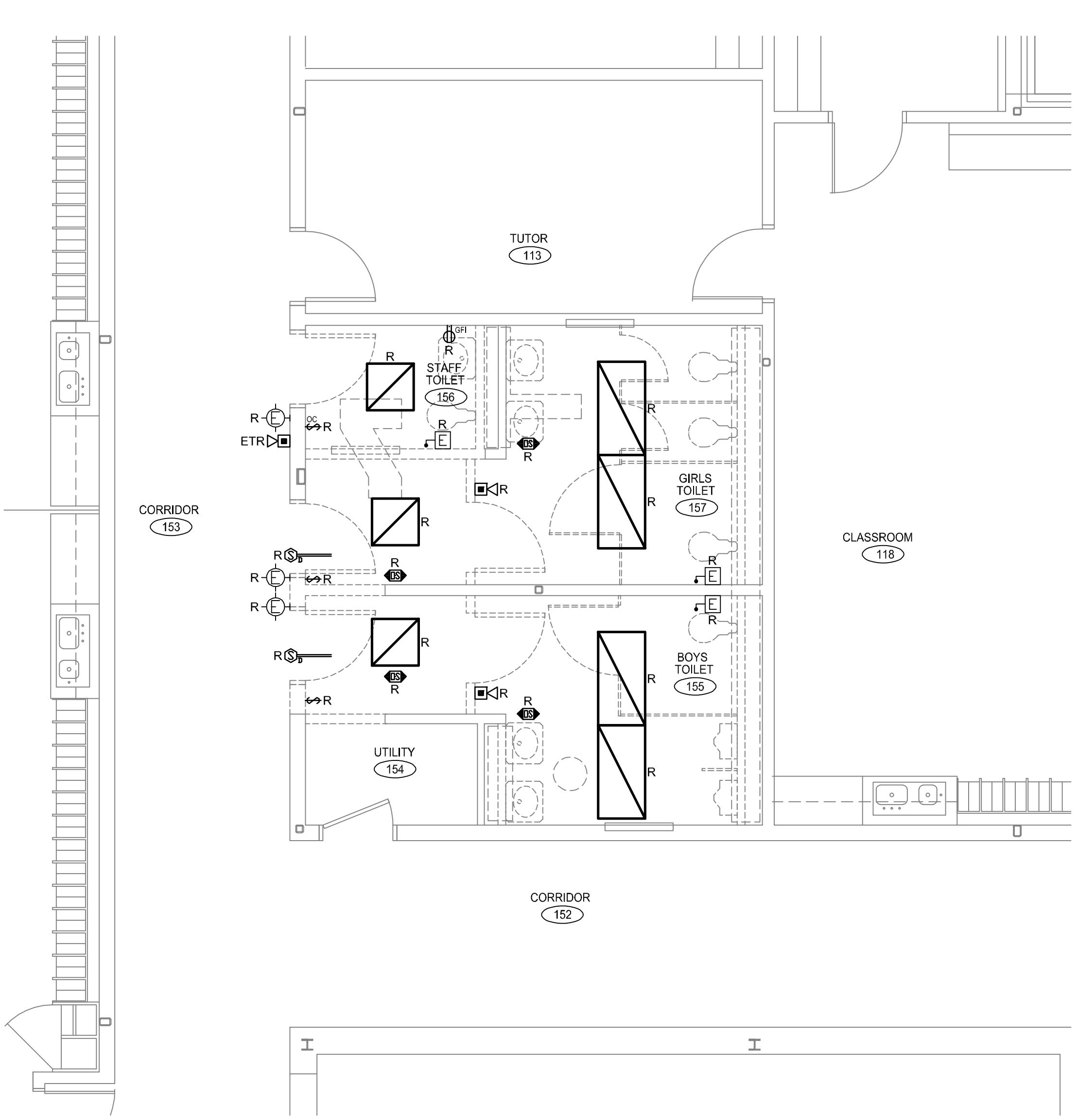




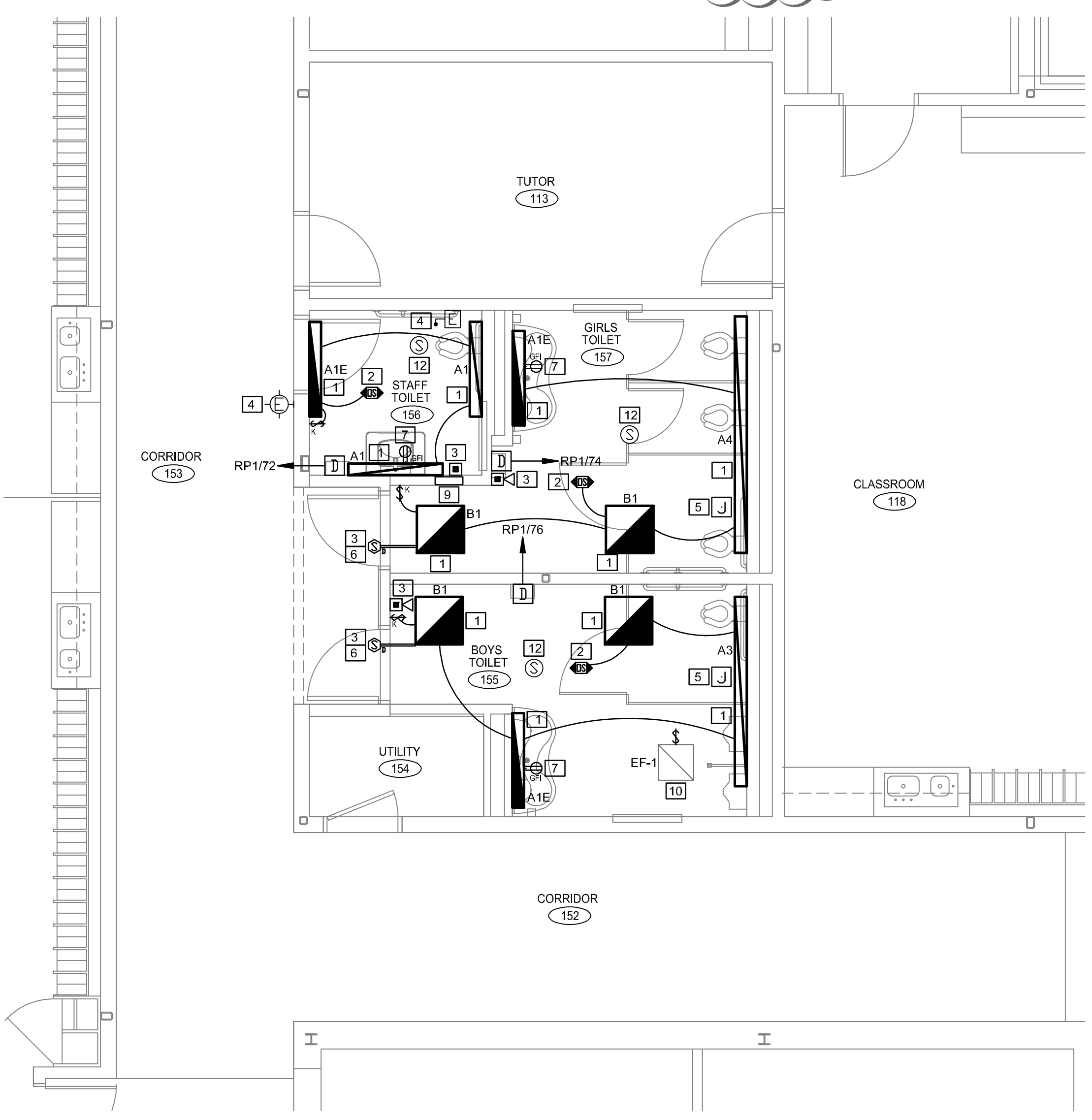
CLASSROOM 14 & 15 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
1 E101



CLASSROOM 14 & 15 FLOOR PLAN
SCALE: 1/4" = 1'-0"
2 E101



TOILET ROOM DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
3 E101



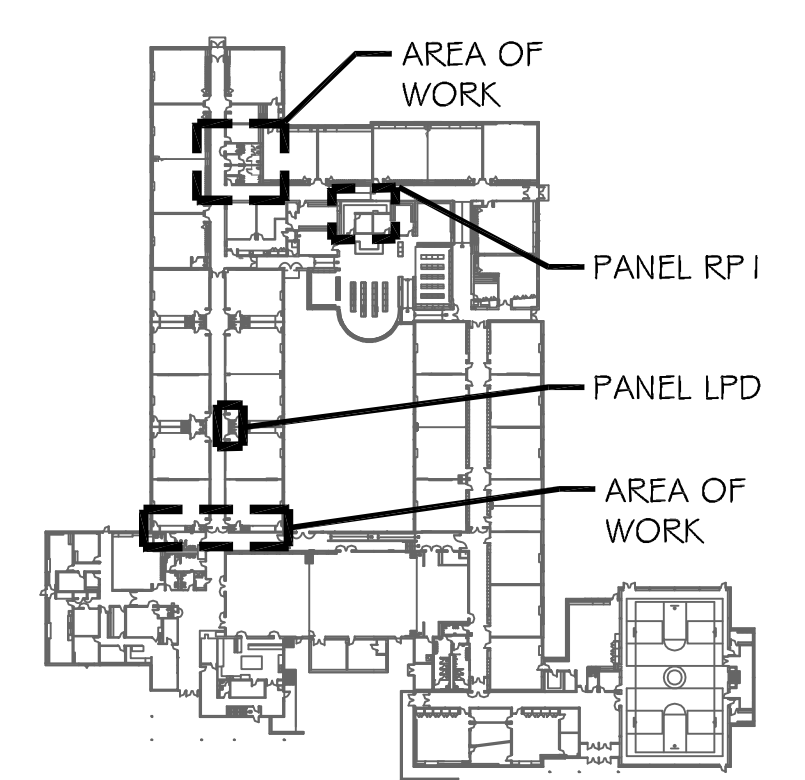
TOILET ROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"
4 E101

DEMOLITION NOTES

- REMOVE DEVICES SHOWN & LEAVE EXISTING WIRING, RACEWAY & BOXES IN LOCATIONS TO BE REUSED IN THE CONSTRUCTION PHASE.
- CONFIRM EXISTING PENDANT FIXTURE WILL CURRENTLY BE LOCATED WITHIN THE NEW BATHROOM. IF SO PENDANT WILL NEED TO BE RELOCATED & WIRING/RACEWAY EXTENDED.

CONSTRUCTION NOTES

- PROVIDE LIGHT FIXTURES IN LOCATIONS SHOWN ON PLANS. FIXTURES SHALL BE WIRED TO EXISTING LIGHT CIRCUIT SERVING THE AREA/CLASSROOM. FIXTURES W/EMERGENCY BATTERY PACKS SHALL BE WIRED TO UNSWITCHED POWER FOR THE CIRCUIT.
- PROVIDE OCCUPANCY SENSORS W/AUXILIARY CONTACTS. INTERLOCK W/EXHAUST FAN SERVING THE SPACE SUCH THAT THE ASSOCIATED EXHAUST FAN WILL TURN ON WHEN THE LIGHTS ARE ON IN THE TOILET ROOMS. OCCUPANCY SENSORS SHALL BE WIRED TO LIGHTING CIRCUIT SERVING THE SPACE.
- PROVIDE FIRE ALARM DEVICES IN LOCATIONS SHOWN. FIRE ALARM DEVICES SHALL BE COMPATIBLE W/EXISTING FIRE ALARM CONTROL PANEL. (V.I.F.)
- PROVIDE CALL-FOR-AID DEVICES. POWER FOR DEVICES SHALL COME FROM NEAREST GENERAL PURPOSE RECEPTACLE CIRCUIT.
- TRANSFORMER FOR HARDWIRED FLUSH VALVES. POWER SHALL COME FROM NEARBY GENERAL PURPOSE RECEPTACLE CIRCUIT. COORDINATE LOCATION W/PLUMBING CONTRACTOR.
- POWER TO DAMPER SHALL COME FROM NEARBY AREA RECEPTACLE CIRCUIT. PROVIDE DUCT SMOKE & FIRE ALARM RELAY. WIRING OF DAMPER SHALL CLOSE ON DETECTION OF SMOKE & DETECTORS/RELAYS SHALL BE WIRED TO FIRE ALARM SYSTEM. COORDINATE W/MECHANICAL CONTRACTOR.
- POWER FOR GFI RECEPTACLES SERVING LAVS SHALL COME FROM CLOSEST GENERAL PURPOSE RECEPTACLE CIRCUIT.
- POWER FOR EXHAUST FANS (EF-2) ON ROOF SHALL COME FROM PANEL LPD CIRCUIT #28. FANS WILL NEED TO BE INTERLOCKED W/AUXILIARY CONTACTS IN OCCUPANCY SENSORS. COORDINATE W/MECHANICAL CONTRACTOR.
- POWER FOR TRAP PRIMER SHALL COME FROM NEARBY GENERAL PURPOSE RECEPTACLE CIRCUIT. COORDINATE LOCATION W/PLUMBING CONTRACTOR.
- POWER FOR EXHAUST FAN (EF-1) ON ROOF SHALL COME FROM PANEL RP1 CIRCUIT #78. FAN WILL NEED TO BE INTERLOCKED W/AUXILIARY CONTACTS IN OCCUPANCY SENSORS FOR GIRLS, BOYS & STAFF BATHROOMS. COORDINATE W/MECHANICAL CONTRACTOR.
- INSTALL LIGHT FIXTURES & SWITCHES IN SAME LOCATIONS AS REMOVED PIECE. REUSE EXISTING WIRING IN PLACE.
- INSTALL NEW PA SPEAKERS IN LOCATIONS SHOWN. SPEAKERS SHALL MATCH EXISTING CORRIDOR SPEAKERS. EXTEND CORRIDOR SPEAKER CIRCUIT TO NEW BATHROOM SPEAKERS. PROVIDE ALL MATERIALS NECESSARY FOR A COMPLETE INSTALLATION.
- RELOCATE EXISTING PENDANT FIXTURE TO LOCATION SHOWN. EXTEND WIRING & RACEWAY. KEEP FIXTURE ON SAME CIRCUIT & LIGHTING CONTROLS.



MAIN LEVEL KEY PLAN
NOT TO SCALE

