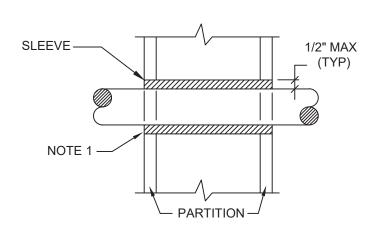
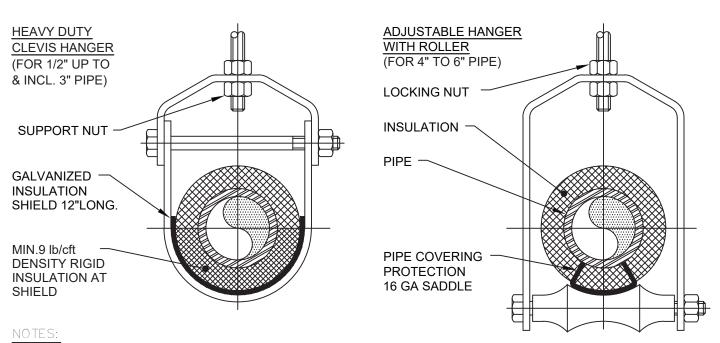
Exterior Wall Pipe Penetrations



1. AT FIRE RATED PARTITIONS, ADD ADDITIONAL LAYER OF FIRE SAFING INSULATION AROUND PENETRATION SO AS TO FILL CAVITY. 2. DUCT AND PIPE PENETRATIONS THRU CORRIDOR WALLS ABOVE THE CEILING ARE TO BE FIRE STOPPED AROUND THE PENETRATION.

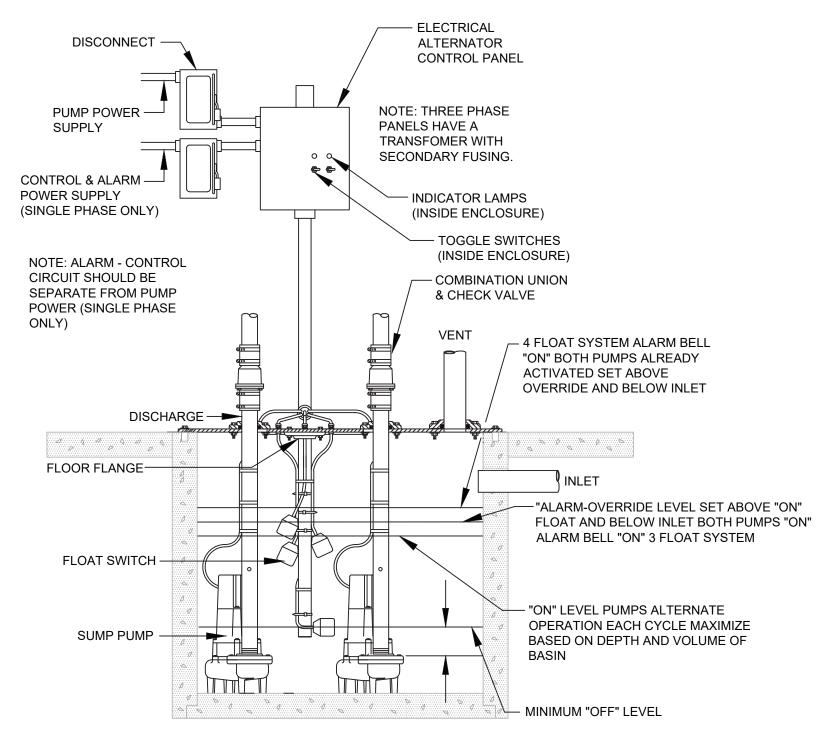
Pipe Penetrations Detail



1. PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS. 2. FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

PIPE Ø (IN.)	MAX. S H	MIN. ROD SIZE			
	STEEL PIPE COPPER PIPE		CPVC	(IN.)	
1/2 THRU 1	7	5	5	3/8	
1-1/2 THRU 2	9	8	6	3/8	
2-1/2	11	9	7.5	1/2	
3	12	10	7.5	1/2	
4	14	12	8.5	5/8	
6	17	14	9	3/4	
8	19	16	10	7/8	
10	22	18	10.5	7/8	





4	Duplex Sump Pump Detail
PG001/	N.T.S.

Plumbing Fixture Schedule											
FIXTURE MARK D	DECCRIPTION				WATER SUPPLY	DRAINAGE	-I ADA	ELECTRONIC CONTROL	MANUFACTURER/MODEL	DEMARKS	
	DESCRIPTION	H.W.	C.W.	WASTE	VENT	FIXTURE UNITS	FIXTURE UNITS	(Y/N)	(Y/N)	(OR ACCEPTABLE EQUAL)	REMARKS
1	FLOOR DRAIN	-	-	4	2	-	2	-	1	4"Ø FLOOR DRAIN W/ 6" STRAINER TYPICAL OF ZURN MODEL #Z415-BZ1-TSP; FURNISH WITH TRAP SEAL DEVICE	INSTALL PER MANUFACTURER'S REQUIREMENTS
2	HIGH TEMPERATURE SUMP PUMP	-	-	-	2	-	-	-	1	HIGH TEMPERATURE SUBMERSIBLE PUMP TYPICAL OF ZOELLER MODEL 3161; 1/2 HP, 230V, 1¢; PROVIDE W/ ZOELLER ALTERNATOR DUPLEX CONTROLLER	INSTALL PUMPS IN 36"x36"x36" CONCRETE SUMP; PROVIDE SOLID GASKETED SUMP LID; PROVIDE CONTROL PANEL & FLOATS

Plumbing Legend:

DOMESTIC COLD WATER SUPPLY 110 °F DOMESTIC HOT WATER SUPPLY 140 °F DOMESTIC HOT WATER SUPPLY HOT WATER RETURN SANITARY SEWER, ABOVE GRADE SANITARY SEWER, BELOW GRADE GREASE WASTE, BELOW GRADE PLUMBING VENT STORM WATER, ABOVE GRADE STORM WATER, BELOW GRADE

NATURAL GAS PIPING DIRECTION OF PIPE SLOPE (DOWN) CONCENTRIC REDUCER OR INCREASER ECCENTRIC REDUCER TOP CONNECTION, 45° OR 90° BOTTOM CONNECTION, 45° OR 90°

CAPPED OUTLET

PIPE DOWN

STRAINER

HOSE BIB

SOLENOID VALVE

CHECK VALVE

BUTTERFLY VALVE

PRESSURE GAUGE

DRAIN VALVE

FLEXIBLE PIPING CONNECTION

CLEANOUT

WALL CLEANOUT

FLOOR CLEANOUT

CLEANOUT TO GRADE

DOUBLE CLEANOUT TO GRADE

PLUMBING FIXTURE MARK

W.C.O.

F.C.O.

C.O.T.G.

D.C.O.T.G.

(P-X)

FULL PORT BALL VALVE

PRESSURE REDUCING VALVE (PRV)

RISE OR DROP IN PIPE

AND EXISTING WORK

POINT OF CONNECTION BETWEEN NEW

SIDE CONNECTION

Plumbing Notes:

1. ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS. 2. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT. 3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES. 4. ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN

CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR. 5. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.

6. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 PLUMBING CODE OF NEW YORK STATE, 2020 FUEL GAS CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

WHERE THE PROJECT INVOLVES A GAS SERVICE, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL GAS UTILITY COMPANY. ALL WORK INVOLVING THE GAS UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.

8. ALL DOMESTIC COLD AND HOT WATER PIPING AND FITTINGS ARE TO BE INSULATED WITH 1" THICK RIGID ONE-PIECE MOLDED SECTIONAL FIBERGLASS PIPE COVERING WITH UNIVERSAL JACKET. ALL JOINTS ARE TO BE COMPLETELY SEALED A MINIMUM OF

9. ALL PIPING SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.

10. ALL EXPOSED PIPING, FITTINGS, TRAPS, ESCUTCHEONS, VALVES, ETC. SHALL BE CHROME PLATED.

11. SLOPE SANITARY DRAINAGE PIPING 2" DIAMETER AND SMALLER NOT LESS THAN 1/4" PER FOOT. SLOPE SANITARY DRAINAGE PIPING OVER 2" DIAMETER NOT LESS THAN 1/8" PER FOOT.

12. INSTALL A CLEANOUT AT THE BASE OF EACH SOIL STACK, AT EACH CHANGE IN DIRECTION, AT INTERVALS NOT OVER 50 FEET AND ELSEWHERE AS SHOWN ON DRAWINGS OR REQUIRED BY CODE.

13. PROVIDE EXPOSED PIPING WITH CHROME PLATED CAST BRASS ESCUTCHEON WITH SET SCREW WHERE PENETRATING FLOORS, CEILINGS, WALLS OR PARTITIONS.

14. TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND/OR AS SPECIFIED. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.

14.1. WATER & GAS PIPING TO BE AIR-PRESSURE TESTED TO 1-1/2 TIMES MAXIMUM WORKING PRESSURE.

14.2. DRAINAGE, WASTE & VENT PIPING TO BE TESTED BY FILLING THE SYSTEM WITH WATER TO 10-FEET ABOVE HIGHEST POINT.

15. SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.

16. INSTALL VALVES ON THE ENTIRE DISTRIBUTION SYSTEM, SO LOCATED AS TO GIVE COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.

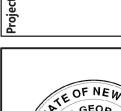
17. INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING

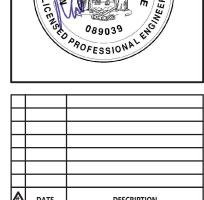
18. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.

19. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.

20. CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.





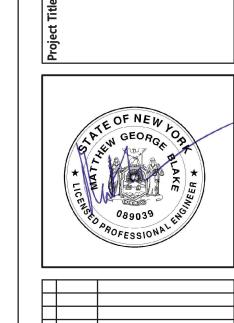


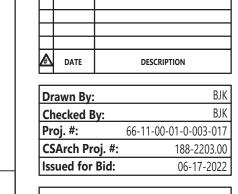


PLUMBING NOTES, SCHEDULE, LEGEND & **DETAILS**

CONSTRUCTION DOCUMENTS







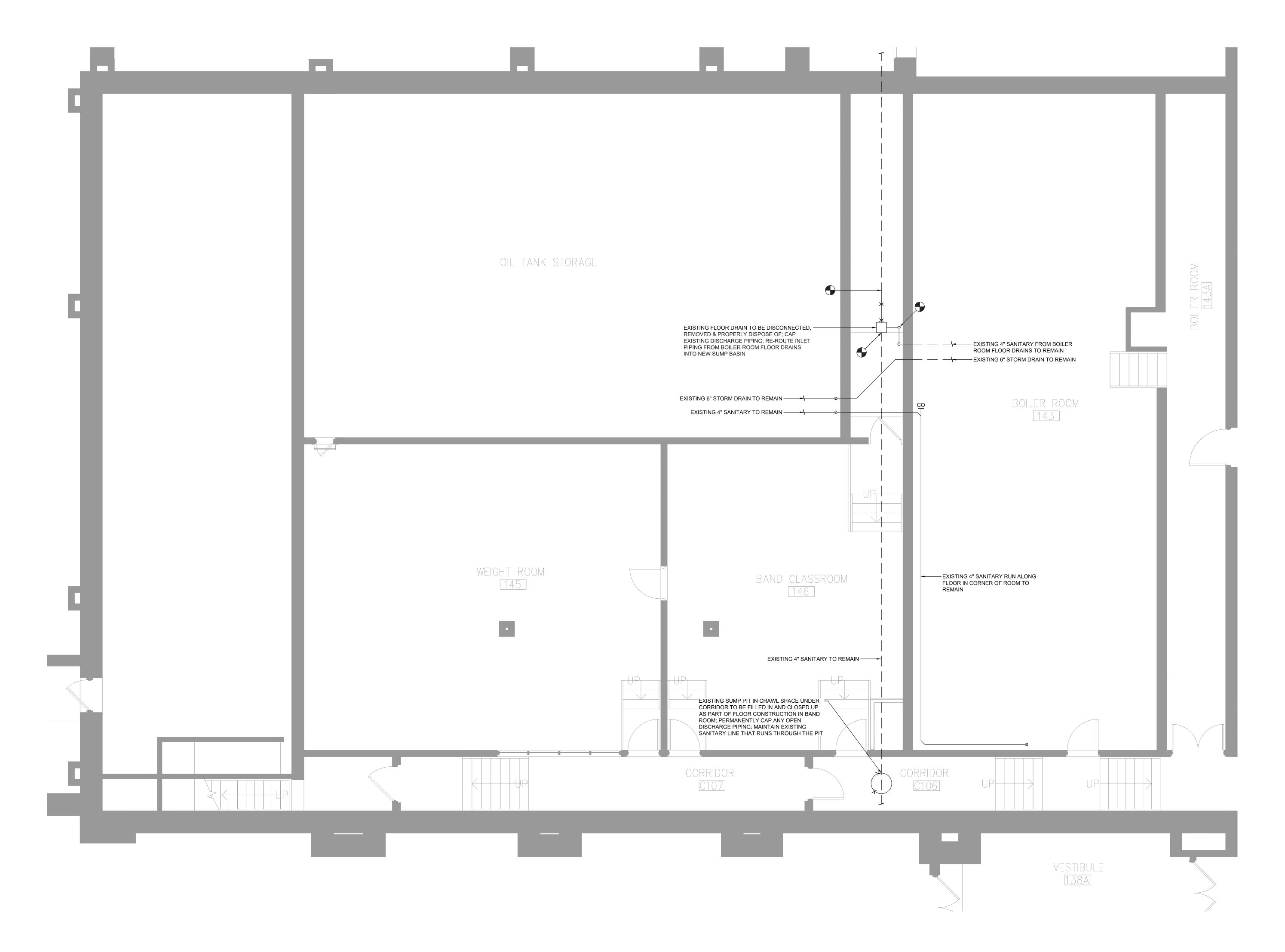
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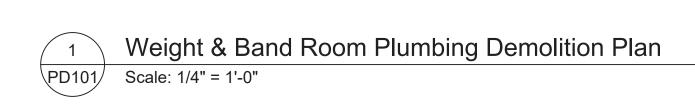
KEY PLAN

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WEIGHT & BAND ROOM PLUMBING DEMO PLAN

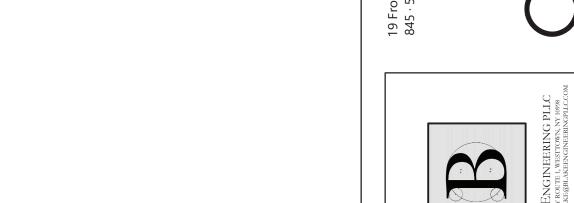
IEYMS PD101 CONSTRUCTION DOCUMENTS



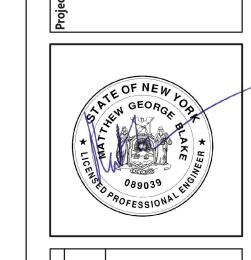


Key Notes:

APPROXIMATE LOCATION OF EXISTING STORM DRAIN RISER DN. FROM ABOVE; FIELD VERIFY EXACT LOCATION & SIZE OF EXISTING PIPING; REMOVE EXISTING PIPING FROM UNDERSLAB STORM MAIN TO AN ACCESSIBLE LOCATION NEAR WHERE THE RISER DROPS
BELOW THE SLAB; TEMPORARILY CAP & MAINTAIN RISER FOR
RECONNECTION TO NEW MAIN







 Checked By:
 BJK

 Proj. #:
 66-11-00-01-0-003-017

 CSArch Proj. #:
 188-2203.00

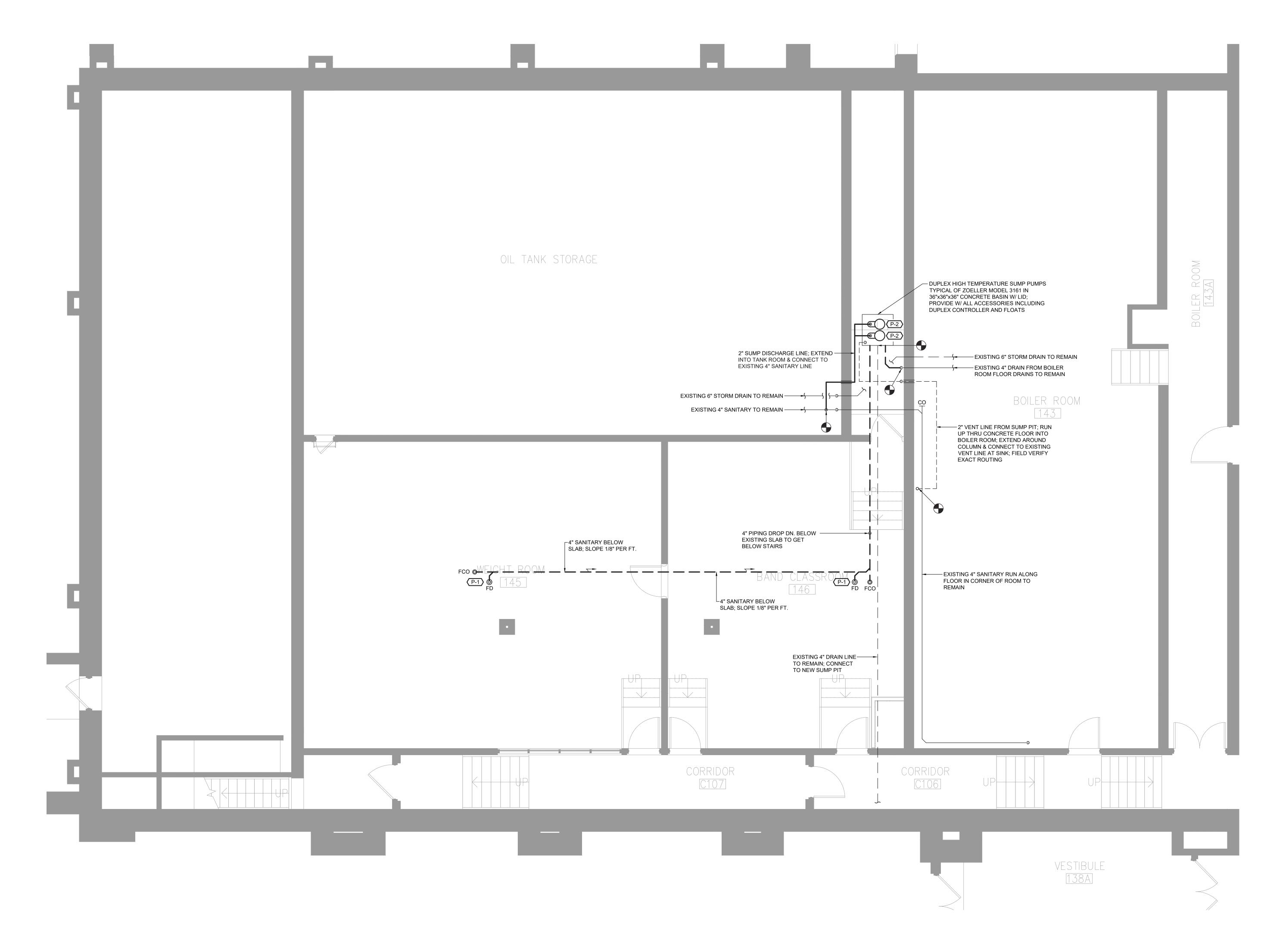
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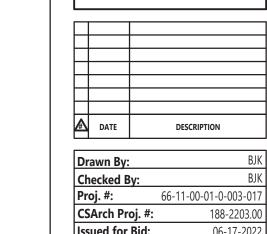
KEY PLAN

AREA C GROUND FLOOR PLUMBING DEMO PLAN

CONSTRUCTION DOCUMENTS

Area C - Ground Floor Plumbing Demo Plan PD102 Scale: 3/32" = 1'-0"





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 Sheet Title

KEY PLAN

WEIGHT & BAND ROOM PLUMBING PLAN

CONSTRUCTION DOCUMENTS

1 Weight & Band Room Plumbing Plan
P101 Scale: 1/4" = 1'-0"