

**84 CHALET ROAD
KIAMESHA LAKE, NY 12751**

120 HUYSHOPE AVENUE
SUITE 400
HARTFORD, CT 06106
860.247.9226

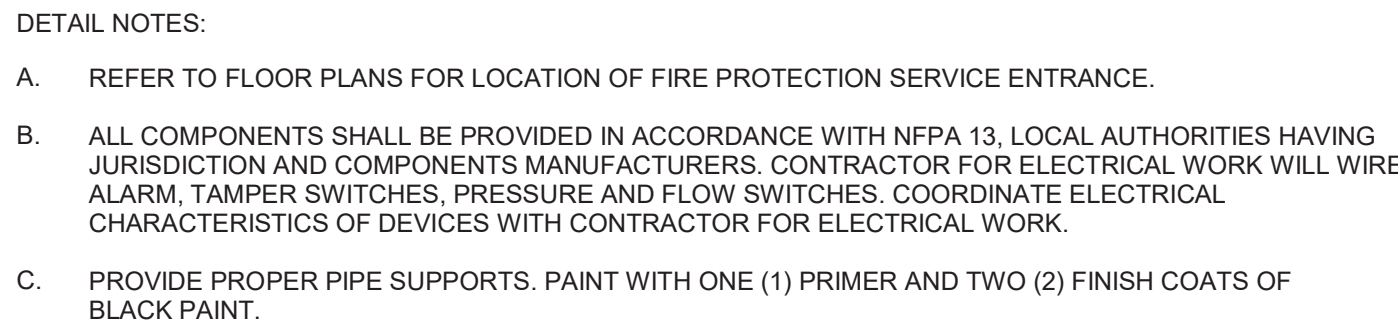
CONSULTANTS:
MEP & FP ENGINEER
M/E ENGINEERING
60 LAKEFRONT BOULEVARD, SUITE 320
BUFFALO, NY 14202
716.845.5092

PERMIT SET
09/30/2021



REVISIONS:

P-002



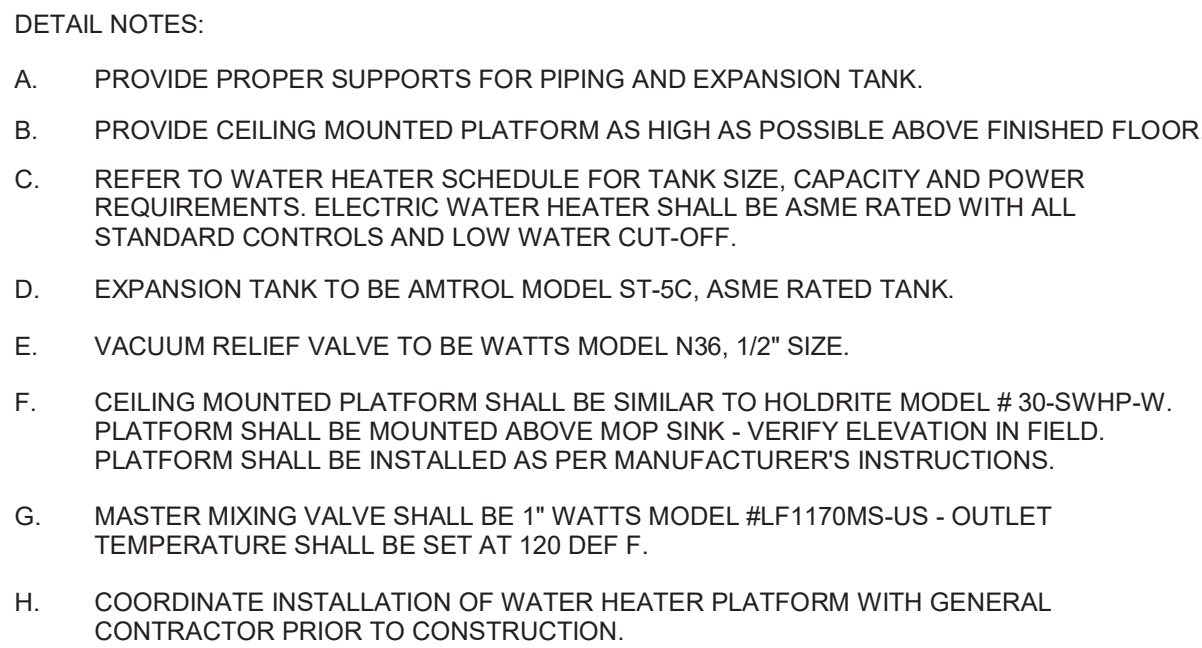
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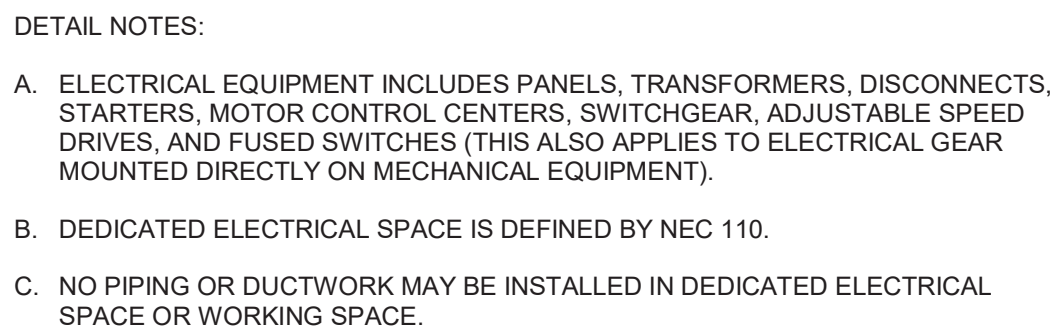
DETAIL NOTES:

- A. CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS "A" CONCRETE AS SPECIFIED IN N.Y.S.D.O.T. SPECIFICATION SECTION 501.
- B. HARNESS DESIGN, MATERIAL AND USAGE SHALL BE APPROVED AND DIRECTED BY THE ENGINEER.
- C. CLAMPS AND ANCHOR BOLTS FOR GRAVITY THRUST BLOCKS SHALL BE OF A DESIGN RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. ALL PARTS EXPOSED TO SURROUNDING SOIL SHALL BE ASPHALT COATED AS DIRECTED BY THE ENGINEER.
- D. ANCHOR DIMENSIONS BASED ON 2000 PSI SOIL BEARING PRESSURE. ADJUST FOR POORER SOIL CONDITIONS.
- E. THRUST BLOCKS SHALL BE FORMED SUCH THAT ALL BOLTS AND FASTENERS REMAIN ACCESSIBLE.

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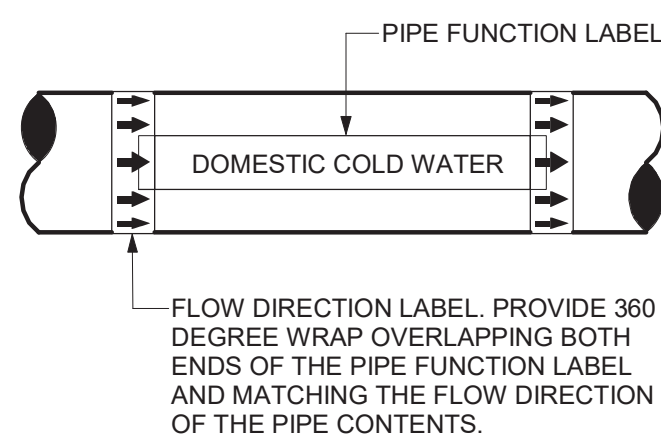
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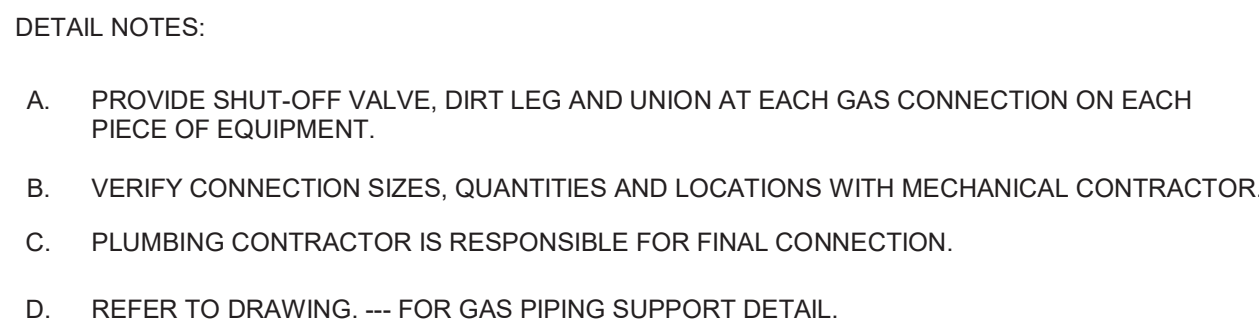
FIXTURE AND EQUIPMENT CONNECTION SCHEDULE						
DESIGNATION	DESCRIPTION	COLD WATER	HOT WATER	WASTE OR SANITARY	VENT	REMARKS
WC	WATER CLOSET	1-1/2"	-	4"	2"	
UR	URINAL	1"	-	2"	1-1/2"	
LAV	LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	
SK	SINK	1-2"	1/2"	1-1/2"	1-1/2"	
FD	FLOOR DRAIN	-	-	3" OR 4"	2"	PROVIDE TRAP PRIMER
MB	MOP BASIN	3/4"	3/4"	3"	2"	
EWC	ELECTRIC WATER COOLER	1/2"	-	1-1/2"	1-1/2"	

PUMPING SYMBOL LIST	
SYMBOL	DESCRIPTION
	NEW PIPING LOCATED ABOVE FLOOR/SLAB
	NEW PIPING LOCATED BELOW FLOOR/SLAB
	COLD WATER PIPING (CW)
	HOT WATER PIPING (HW)
	HOT WATER RECIRCULATING PIPING (HWR)
-W-	WATER SERVICE - EXTERIOR
SAN	SANITARY SEWER PIPING
-- V --	VENT PIPING
O	NATURAL GAS PIPING (G)
E	ELBOW DOWN
e	ELBOW UP
T	BOTTOM TEE CONNECTION
X	TOP TEE CONNECTION
J	"P" TRAP
I	PIPE CONTINUATION
J	CAP OR PLUG
G	DECK PLATE CLEANOUT (DPCO)
F	WALL FLATE CLEANOUT (WFCCO)
D	FLOOR DRAIN (FD)
+H	WALL HYDRANT (WH)
	SHUT OFF VALVE
B	BALANCING VALVE
Z	CHECK VALVE
R	BACKFLOW PREVENTER (BFP)
(X)	DRAWING KEYNOTE

A.	COORDINATE PLUMBING WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN FIELD.
B.	RUN ALL NEW HORIZONTAL PIPING AS HIGH AS POSSIBLE ABOVE CEILINGS OR BELOW FLOOR.
C.	REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING NEW BUILDING WORK.
D.	WHEN EXISTING CONSTRUCTION IS DAMAGED DURING WORK BY THIS CONTRACTOR, REPAIR AND/OR REPLACE WITH SIMILAR OR LIKE MATERIALS AS FAR AS POSSIBLE.
E.	REFER TO ARCHITECTURAL DRAWINGS FOR THE TOTAL COST TO BE PAID BY THE OWNER.
F.	MAINTAIN SERVICE CLEARANCES FOR ALL PIPING AS RECOMMENDED BY THE MANUFACTURER. ADVISORY CLEARANCES ARE: 18" MINIMUM TO TOP OF PIPE.
G.	PROTECT FOR THE DRAINING OR REFILLING OF FLUID SYSTEMS, INCLUDING AIR REMOVAL, READJUSTING FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE AND SHUT DOWN AND STARTUPS.
H.	REFER TO PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULE ON THIS DRAWING FOR FINAL CONNECTION SIZES.
I.	FLUSH VALVES ON ACCESS PANELS SHALL BE SHARPE ROUGHES IF THE HANDLE IS ON THE WIDE SIDE OF THE ROOM OR STALL.



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STATE OF NEW YORK
ROBERT K. STEWART
083295
LICENSED PROFESSIONAL ENGINEER

ISSUE	09/30/21
JOB	H18064.14
DRAWN	EAS
SCALE	1/8" = 1'-0"

P-113

- 1 3" SANITARY FROM FLOOR DRAIN ABOVE.
- 2 3" SANITARY FROM MOP BASIN ABOVE.
- 3 3" SANITARY FROM LAVATORY ABOVE.
- 4 3" SANITARY FROM SINK ABOVE.
- 5 3" SANITARY FROM ELECTRIC WATER COOLER ABOVE.
- 6 4" SANITARY UP TO DECK PLATE CLEANOUT (DPCO) ABOVE.
- 7 4" SANITARY DOWN, 2" VENT UP.
- 8 4" SANITARY FROM WATER CLOSET AND URINAL, 2" VENT UP.
- 9 2" VENT UP THROUGH ROOF.
- 10 3" CW HEADER DOWN IN CHASE, BRANCH AND CONECT TO WATER CLOSETS
- 11 AND URINALS. PROVIDE WATER HAMMER ARRESTOR ON CONNECTION TO THE
- 12 TWO INCHES.
- 13 1" CW & 1/2" TO ELECTRIC WATER HEATER: REFER TO DETAIL 1-N-P002.
- 14 PARTS WASHER FURNISHED BY OWNER. VERIFY ALL EQUIPMENT
- 15 REQUIREMENTS, PREINSTALLATION CONDITIONS AS REQUIRED AND MAKE ALL
- 16 FINAL CONNECTIONS TO EQUIPMENT.

