

**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

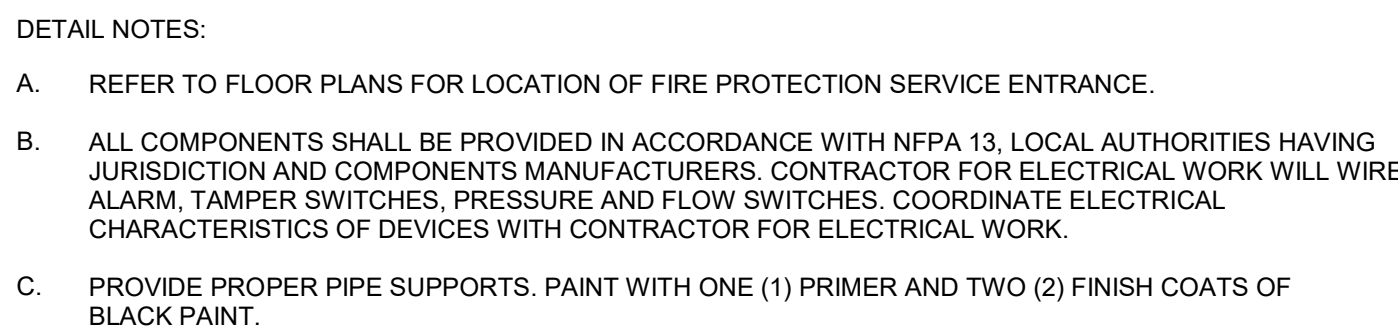
**OWNERS CONSULTANT**  
**AKRF ENGINEERING**  
34 SOUTH BROADWAY, SUITE  
WHITE PLAINS, NY 10601  
914-949-7336

PERMIT SET  
09/30/2021

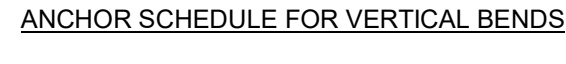


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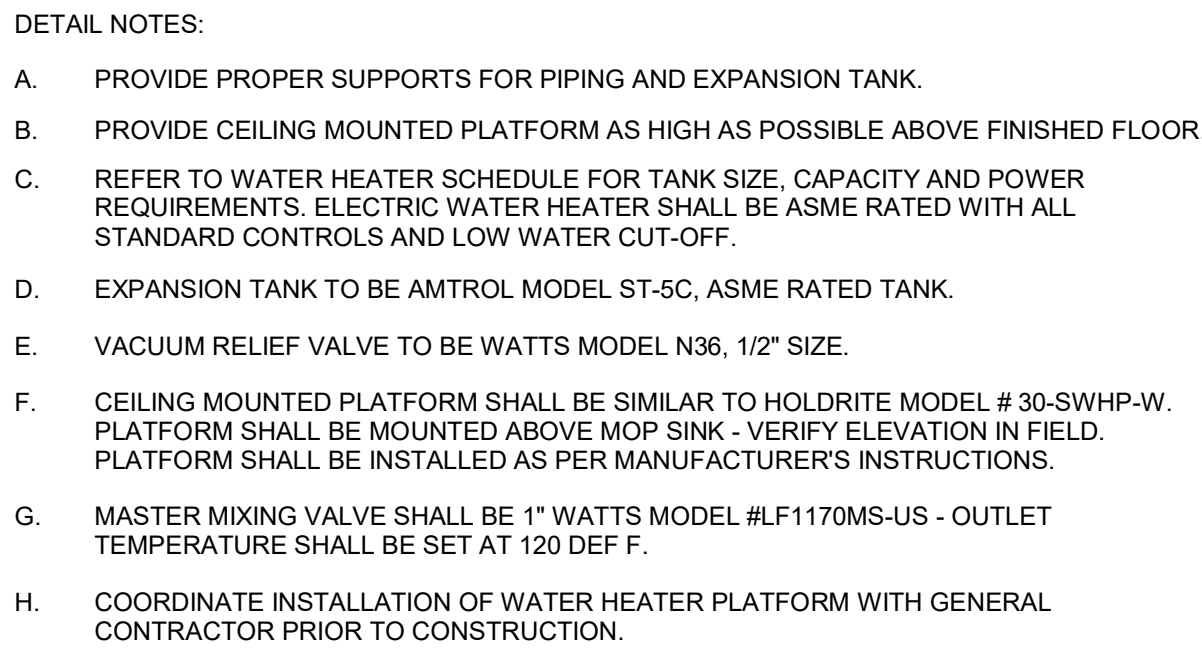
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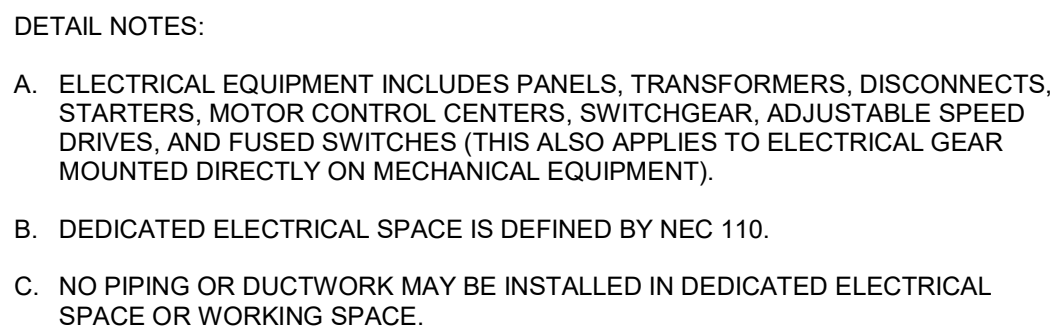
DETAIL NOTES:

- 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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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"	
EW	ELECTRIC WATER COOLER	1/2"	-	1-1/2"	1-1/2"	

PLUMBING 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)
	WATER SERVICE - EXTERIOR
	SANITARY SEWER PIPING
	VENT PIPING
	NATURAL GAS PIPING (G)
	ELBOW DOWN
	ELBOW UP
	BOTTOM/TEE CONNECTION
	TOP/TEE CONNECTION
	"P" TRAP
	PIPE CONTINUATION
	CAP OR PLUG
	DECK PLATE CLEANOUT (DPCO)
	WALL PLATE CLEANOUT (WPCO)
	FLOOR DRAIN (FD)
	WALL HYDRANT (WH)
	SHUT OFF VALVE
	BALANCING VALVE
	CHECK VALVE
	BACKFLOW PREVENTER (BFP)
	DRAWING KEYNOTE

A. COORDINATE PLUMBING WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN FIELD.

B. RUN ALL NEW HORIZONTAL PIPINGS AS HIGH AS POSSIBLE ABOVE CEILING OR BELOW FLOOR.

C. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING NEW BUILDING WORK.

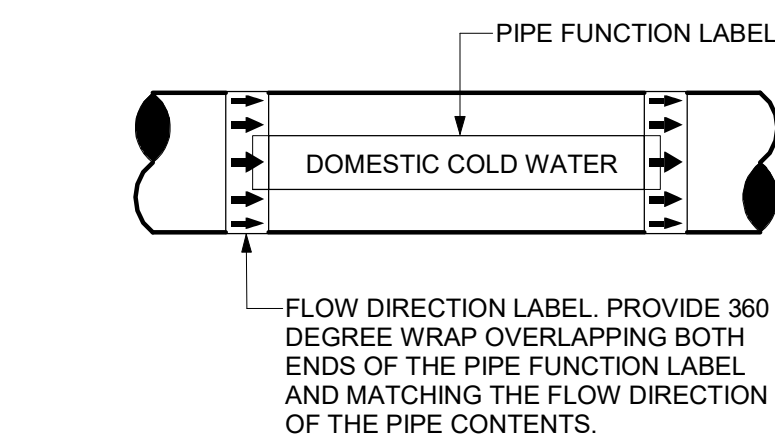
D. WHEN EXISTING CONSTRUCTION IS DAMAGED DURING WORK BY THIS CONTRACTOR, REPAIR AND/OR REPLACE WITH SIMILAR OR LIKE MATERIALS AS MUCH AS POSSIBLE, SUBJECT TO ARCHITECTS APPROVAL AT NO ADDITIONAL COST TO OWNER.

E. MAINTAIN SERVICE CLEARANCES FOR ALL EQUIPMENT AS RECOMMENDED BY THE MANUFACTURER, ADVISE OTHER TRADES OF THE REQUIRED SERVICE CLEARANCES.

F. PROVIDE FOR THE DRAINING AND TRAILING OF PIPING SYSTEMS, INCLUDING AIR RELEASE, READJUSTING OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUT DOWNS AND STARTUPS.

G. REFER TO PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULE ON THIS DRAWING FOR DRAINING CONNECTIONS.

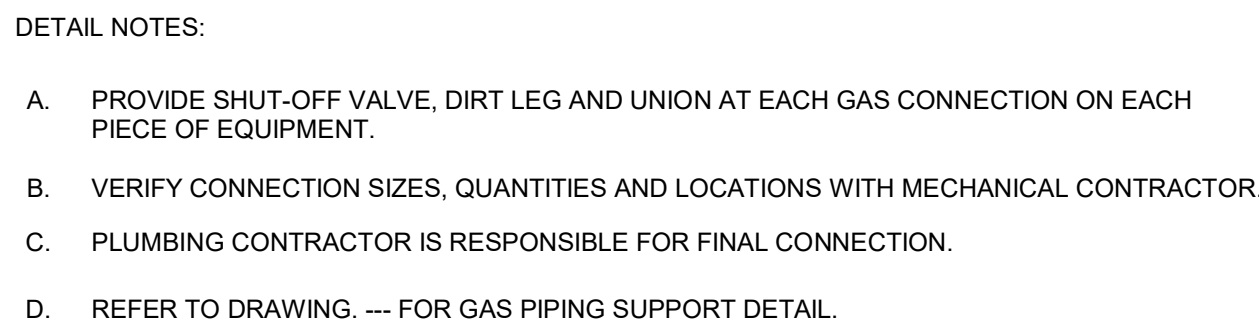
H. FLUSH VALVES ON ACCESSIBLE WATER CLOSETS SHALL BE ROUGHED SO THE HANDLE IS ON THE WIDE SIDE OF THE ROOM OR STALL.



DETAIL NOTES:

- A. PROVIDE A PIPE LABEL FOR EACH PIPE FUNCTION.
- B. PROVIDE AT LEAST ONE LABEL ON EACH PIPE FOR EVERY ROOM THE PIPE PASSES THROUGH.
- C. PROVIDE LABELS IN LARGE SPACES ON MAXIMUM 20' CENTERS FOR EVERY PIPE UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
- D. LABELS TO BE LOCATED IN AN EASILY VISIBLE LOCATION AS THEY WOULD NORMALLY BE SEEN, I.E. ON THE BOTTOM HALF OF PIPES IN THE AIR AND ON THE TOP HALF OR SIDES OF PIPES MOUNTED LOW.
- E. LABELS SHALL BE .COLOR CODED, PRE-PRINTED, SELF ADHESIVE VINYL.
- F. SEE SPECIFICATION FOR OTHER REQUIREMENTS AND LIST OF PIPE FUNCTIONS

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