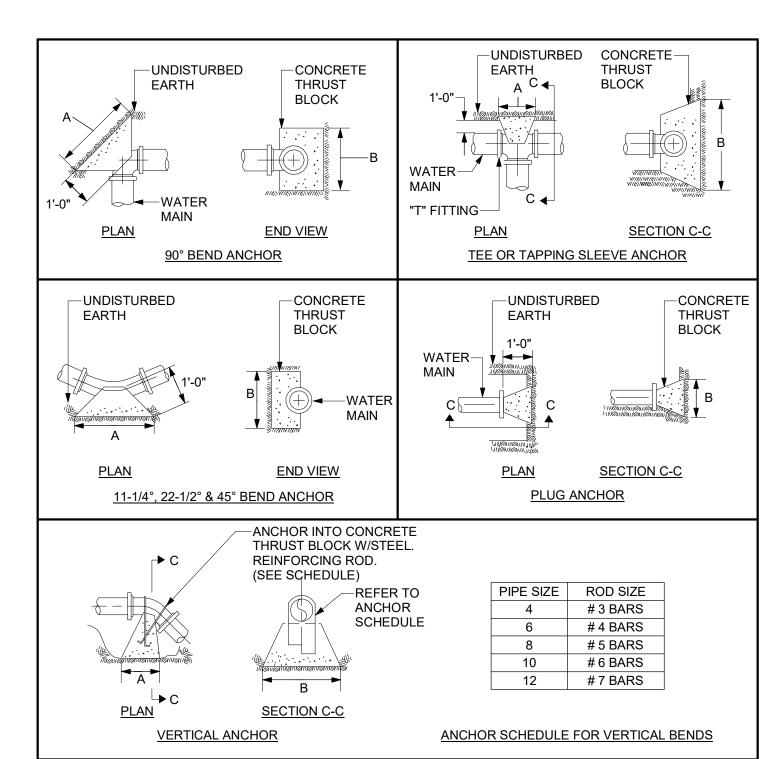


DETAIL NOTES:

- A. REFER TO FLOOR PLANS FOR LOCATION OF FIRE PROTECTION SERVICE ENTRANCE.
- B. ALL COMPONENTS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13, LOCAL AUTHORITIES HAVING JURISDICTION AND COMPONENTS MANUFACTURERS. CONTRACTOR FOR ELECTRICAL WORK WILL WIRE ALARM, TAMPER SWITCHES, PRESSURE AND FLOW SWITCHES. COORDINATE ELECTRICAL CHARACTERISTICS OF DEVICES WITH CONTRACTOR FOR ELECTRICAL WORK.
- C. PROVIDE PROPER PIPE SUPPORTS. PAINT WITH ONE (1) PRIMER AND TWO (2) FINISH COATS OF BLACK PAINT.

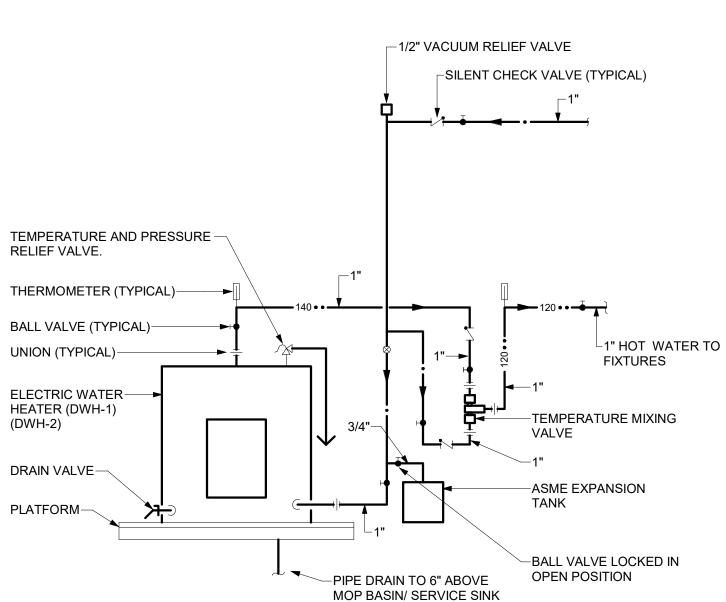
COMBINED SERVICE ENTRANCE DETAIL



HORIZONTAL ANCHOR DIMENSIONS										
UP TO 250 P.S.I. WORKING PRESSURE										
PIPE SIZE IN	TEE, PLUG OR TAP SLEEVE		90° BEND		45° BEND		22-1/2° BEND		11-1/4° BEND	
INCHES	'A'	'B'	'A'	'B'	'A'	'B'	'A'	'B'	'A'	'B'
4"	1.5'	2.5'	2.5'	2.0'	2.0'	1.5'	1.0'	1.5'	1.0'	1.5'
6"	1.5'	2.5'	2.5'	2.0'	2.0'	1.5'	1.0'	1.5'	1.0'	1.5'
8"	1.5'	3.5'	3.5'	2.5'	2.5'	2.0'	1.5'	1.5'	1.0'	2.0'
DETAIL NOTES:										
A. CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS "A" CONCRETE										

- AS SPECIFIED IN N.Y.S.D.O.T. SPECIFICATION SECTION 501. 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.
- THRUST BLOCKS SHALL BE FORMED SUCH THAT ALL BOLTS AND FASTENERS REMAIN ACCESSIBLE.

5 THRUST BLOCK DETAIL



PROVIDE PROPER SUPPORTS FOR PIPING AND EXPANSION TANK.

EXPANSION TANK TO BE AMTROL MODEL ST-5C, ASME RATED TANK.

VACUUM RELIEF VALVE TO BE WATTS MODEL N36, 1/2" SIZE.

STANDARD CONTROLS AND LOW WATER CUT-OFF.

PROVIDE CEILING MOUNTED PLATFORM AS HIGH AS POSSIBLE ABOVE FINISHED FLOOR.

CEILING MOUNTED PLATFORM SHALL BE SIMILAR TO HOLDRITE MODEL # 30-SWHP-W.

PLATFORM SHALL BE MOUNTED ABOVE MOP SINK - VERIFY ELEVATION IN FIELD.

PLATFORM SHALL BE INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS.

MASTER MIXING VALVE SHALL BE 1" WATTS MODEL #LF1170MS-US - OUTLET

COORDINATE INSTALLATION OF WATER HEATER PLATFORM WITH GENERAL

REFER TO WATER HEATER SCHEDULE FOR TANK SIZE, CAPACITY AND POWER

REQUIREMENTS. ELECTRIC WATER HEATER SHALL BE ASME RATED WITH ALL

	NO. SERVICE		TYPE	KW INPUT	GALLONS/	TEMP RISE	FUEL TYPE	VENT IN	ELECTRIC	DESIGN MAKE
					HOUR	DEG F		INCHES		
	DWH-1	OMESTIC WATER	TANK	3	12	100	ELECTRIC	-	208/1/60	LOCHINVAR EJJ020GS
	DWH-2	DWH-2 DOMESTIC WATER		3	12	100	ELECTRIC	-	208/1/60	LOCHINVAR EJJ020GS
Ì	-									
	FIXTURE A	AND EQUIPME	ENT CON	NECTIC	N SCHE	DULE				
	DESIGNATION	DESCRIPTION	COLD WATER	HOT WATER	WASTE OR SANITARY	VENT	RE	MARKS		
	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"				
o	FD	FLOOR DRAIN	-	-	3" OR 4"	2"	PROVIDE TRAF	PRIMER		
	MB	MOP BASIN	3/4"	3/4"	3"	2"				
	EWC	ELECTRIC WATER COOLER	1/2"	-	1-1/2"	1-1/2"				

WATER HEATER SCHEDULE

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				
	VENT PIPING				
G	NATURAL GAS PIPING (G)				
	ELBOW DOWN				
	ELBOW UP				
	BOTTOM/TEE CONNECTION				
<u> </u>	TOP TEE CONNECTION				
	"P" TRAP				
	PIPE CONTINUATION				
	CAP OR PLUG				
——ф	DECK PLATE CLEANOUT (DPCO)				
——⊣	WALL PLATE CLEANOUT (WPCO)				
	FLOOR DRAIN (FD)				
(#	WALL HYDRANT (WH)				
<u> </u>	SHUT OFF VALVE				
	BALANCING VALVE				
- V-	CHECK VALVE				
	BACKFLOW PREVENTER (BFP)				
(\mathbf{x})	DRAWING KEYNOTE				

P-002 GENERAL NOTES

- COORDINATE PLUMBING WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN
- RUN ALL NEW HORIZONTAL PIPING AS HIGH AS POSSIBLE ABOVE CEILINGS OR BELOW
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING NEW BUILDING WORK.
- 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 ARCHITECT'S APPROVAL AT NO ADDITIONAL COST TO OWNER.
- MAINTAIN SERVICE CLEARANCES FOR ALL EQUIPMENT AS RECOMMENDED BY THE
- MANUFACTURER. ADVISE OTHER TRADES OF THE REQUIRED SERVICE CLEARANCES. PROVIDE FOR THE DRAINING AND REFILLING OF PIPING SYSTEMS, INCLUDING AIR REMOVAL, READJUSTING FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE

—PIPE FUNCTION LABEL

CAUSED BY SHUT DOWNS AND STARTUPS. REFER TO PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULE ON THIS

ON THE WIDE SIDE OF THE ROOM OR STALL.

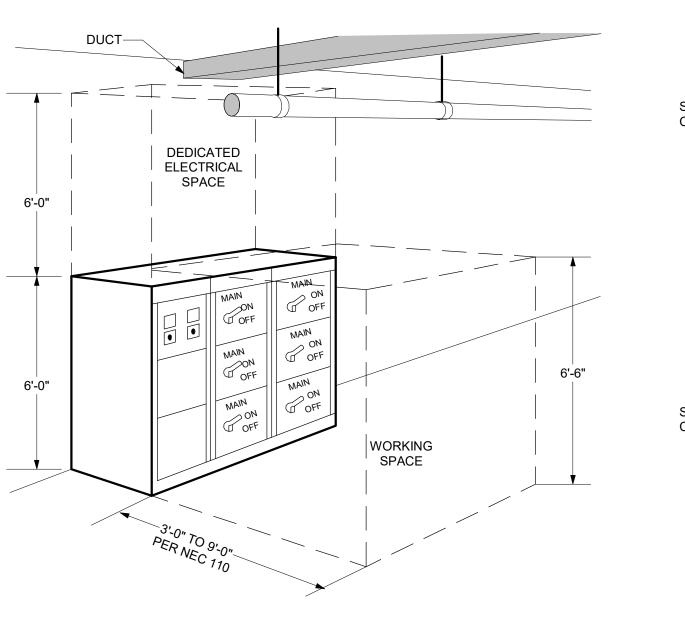
DRAWING FOR FINAL CONNECTION SIZES. FLUSH VALVES ON ACCESSIBLE WATER CLOSETS SHALL BE ROUGHED SO THE HANDLE IS

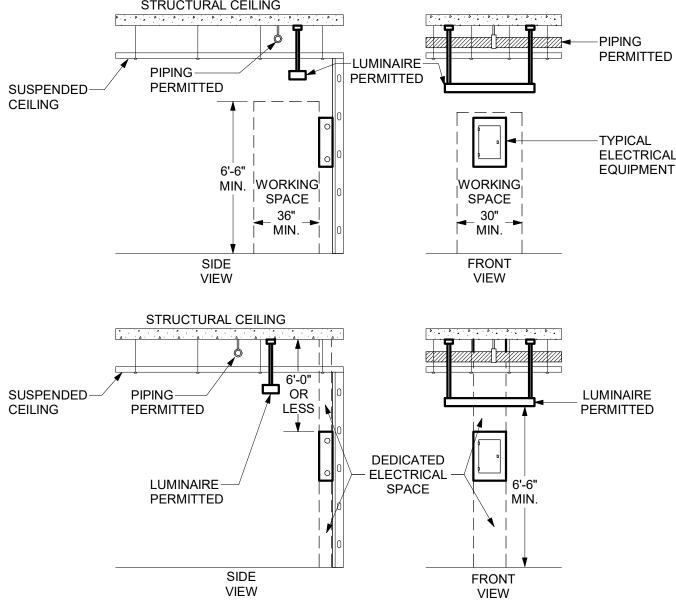
ELECTRIC WATER HEATER ON PLATFORM DETAIL NOT TO SCALE

TEMPERATURE SHALL BE SET AT 120 DEF F.

CONTRACTOR PRIOR TO CONSTRUCTION.

DETAIL NOTES:

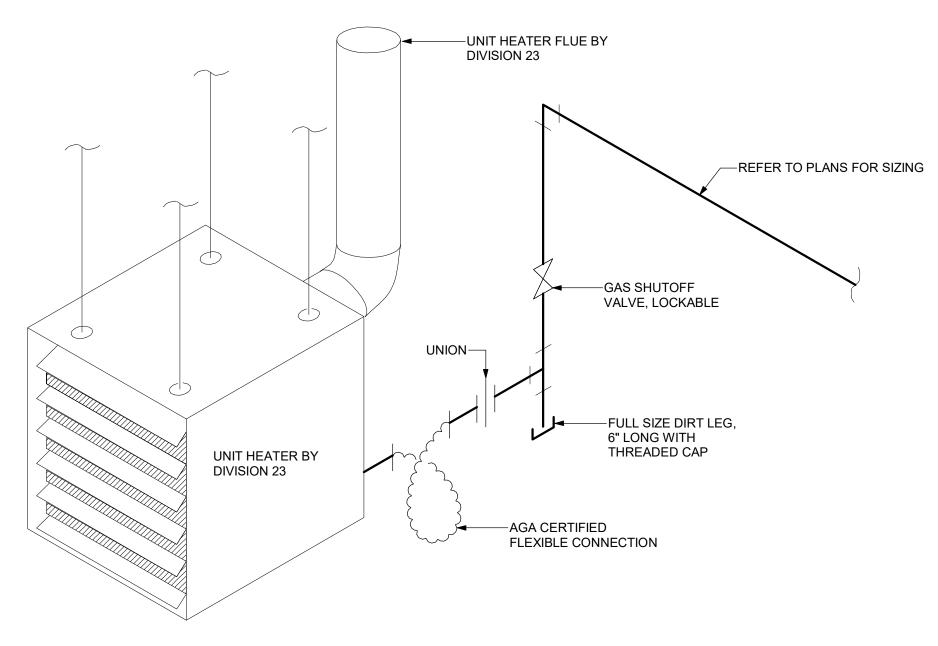




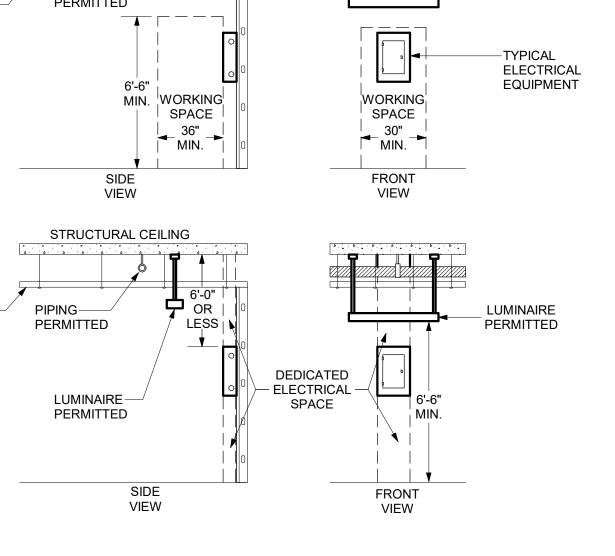
DETAIL NOTES:

- A. ELECTRICAL EQUIPMENT INCLUDES PANELS, TRANSFORMERS, DISCONNECTS, STARTERS, MOTOR CONTROL CENTERS, SWITCHGEAR, ADJUSTABLE SPEED DRIVES, AND FUSED SWITCHES (THIS ALSO APPLIES TO ELECTRICAL GEAR MOUNTED DIRECTLY ON MECHANICAL EQUIPMENT).
- B. DEDICATED ELECTRICAL SPACE IS DEFINED BY NEC 110.
- C. NO PIPING OR DUCTWORK MAY BE INSTALLED IN DEDICATED ELECTRICAL SPACE OR WORKING SPACE.

▲ PIPING OVER ELECTRICAL EQUIPMENT DETAIL NOT TO SCALE



7 GAS CONNECTION TO UNIT HEATER DETAIL NOT TO SCALE



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.

DOMESTIC COLD WATER

FLOW DIRECTION LABEL. PROVIDE 360 DEGREE WRAP OVERLAPPING BOTH

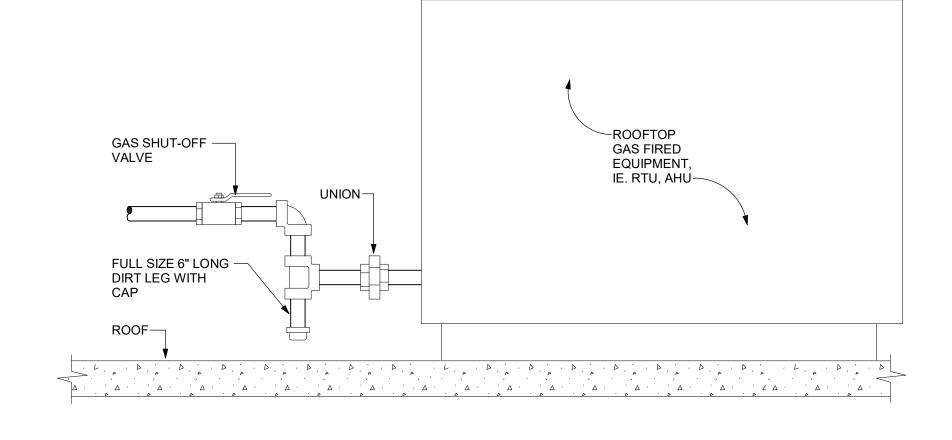
ENDS OF THE PIPE FUNCTION LABEL AND MATCHING THE FLOW DIRECTION

C. PROVIDE LABELS IN LARGE SPACES ON MAXIMUM 20' CENTERS FOR EVERY PIPE UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.

OF THE PIPE CONTENTS.

- D. LABELS TO BE LOCATED IN AN EASILY VISIBLE LOCATION AS THEY
- WOULD NORMALLY BE SEEN. IE. 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.

2 PIPE IDENTIFICATION DETAIL



DETAIL NOTES:

- A. PROVIDE SHUT-OFF VALVE, DIRT LEG AND UNION AT EACH GAS CONNECTION ON EACH
- B. VERIFY CONNECTION SIZES, QUANTITIES AND LOCATIONS WITH MECHANICAL CONTRACTOR.
- C. PLUMBING CONTRACTOR IS RESPONSIBLE FOR FINAL CONNECTION.
- D. REFER TO DRAWING. --- FOR GAS PIPING SUPPORT DETAIL

6 GAS CONNECTION TO EQUIPMENT DETAIL NOT TO SCALE

RW Monster Golf Accessory Structures

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> PERMIT SET 09/30/2021



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DETAILS, **SCHEDULES AND SYMBOL LIST -PLUMBING**

P-002