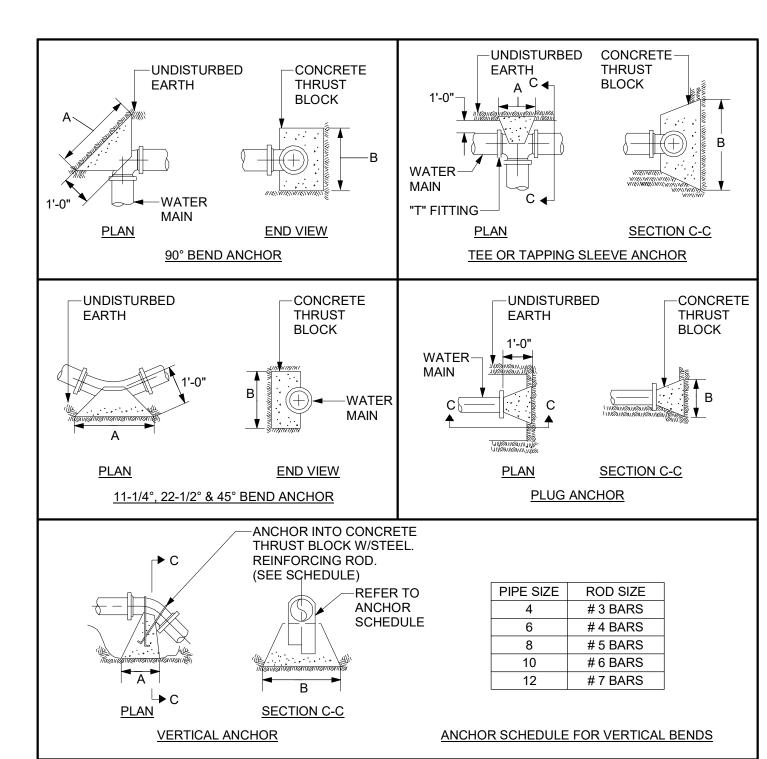


DETAIL NOTES:

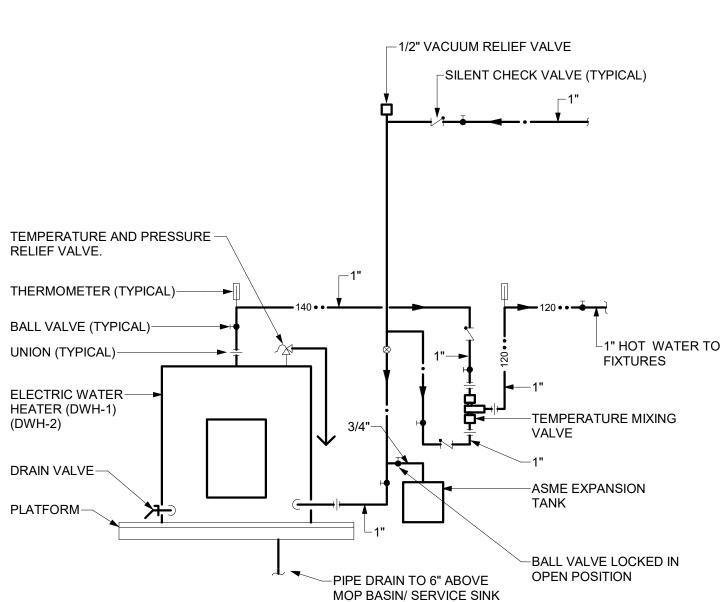
- A. REFER TO FLOOR PLANS FOR LOCATION OF FIRE PROTECTION SERVICE ENTRANCE
- ALL COMPONENTS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13, LOCAL AUTHORITIES HAVING JURISDICTION AND COMPONENTS MANUFACTURERS. CONTRACTOR FOR ELECTRICAL WORK WILL WIRE ALARM, TAMPER SWITCHES, PRESSURE AND FLOW SWITCHES. COORDINATE 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.



		Н	ORIZO	NTAL A	NCHO	R DIME	NSION	IS		
			UP TO	250 P.S.	I. WORKI	NG PRES	SURE			
PIPE SIZE IN	TEE, PLUG OR 90 TAP SLEEVE BEN		•		·			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'
	IL NOTE		LMFFT	THE REC	UIREME	NTS FOR	CLASS."	'A" CONC	CRETE	

- 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/ HOUR	TEMP RISE DEG F	FUEL TYPE	VENT IN INCHES	ELECTRIC	DESIGN MAKE
	DWH-1 D	OMESTIC WATER	TANK	3	12	100	ELECTRIC	-	208/1/60	LOCHINVAR EJJ020GS
	DWH-2 D	OMESTIC WATER	TANK	3	12	100	ELECTRIC	-	208/1/60	LOCHINVAR EJJ020GS
	FIXTURE A	ND 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"				
0	FD	FLOOR DRAIN	-	-	3" OR 4"	2"	PROVIDE TRAF	PRIMER		
	MB	MOP BASIN	3/4"	3/4"	3"	2"				
	EWC	ELECTRIC WATER	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	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					
- \-	CHECK VALVE					
	BACKFLOW PREVENTER (BFP)					
(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.

FLUSH VALVES ON ACCESSIBLE WATER CLOSETS SHALL BE ROUGHED SO THE HANDLE IS

- 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 CAUSED BY SHUT DOWNS AND STARTUPS.
- REFER TO PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULE ON THIS DRAWING FOR FINAL CONNECTION SIZES.

—PIPE FUNCTION LABEL

ON THE WIDE SIDE OF THE ROOM OR STALL.

DOMESTIC COLD WATER

FLOW DIRECTION LABEL. PROVIDE 360 DEGREE WRAP OVERLAPPING BOTH

ENDS OF THE PIPE FUNCTION LABEL AND MATCHING THE FLOW DIRECTION

B. PROVIDE AT LEAST ONE LABEL ON EACH PIPE FOR EVERY ROOM THE

C. PROVIDE LABELS IN LARGE SPACES ON MAXIMUM 20' CENTERS FOR

D. LABELS TO BE LOCATED IN AN EASILY VISIBLE LOCATION AS THEY WOULD NORMALLY BE SEEN. IE. ON THE BOTTOM HALF OF PIPES

EVERY PIPE UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.

E. LABELS SHALL BE, COLOR CODED, PRE-PRINTED, SELF ADHESIVE VINYL.

IN THE AIR AND ON THE TOP HALF OR SIDES OF PIPES MOUNTED LOW.

F. SEE SPECIFICATION FOR OTHER REQUIREMENTS AND LIST OF PIPE FUNCTIONS.

OF THE PIPE CONTENTS.

A. PROVIDE A PIPE LABEL FOR EACH PIPE FUNCTION.

3 PIPE IDENTIFICATION DETAIL NOT TO SCALE

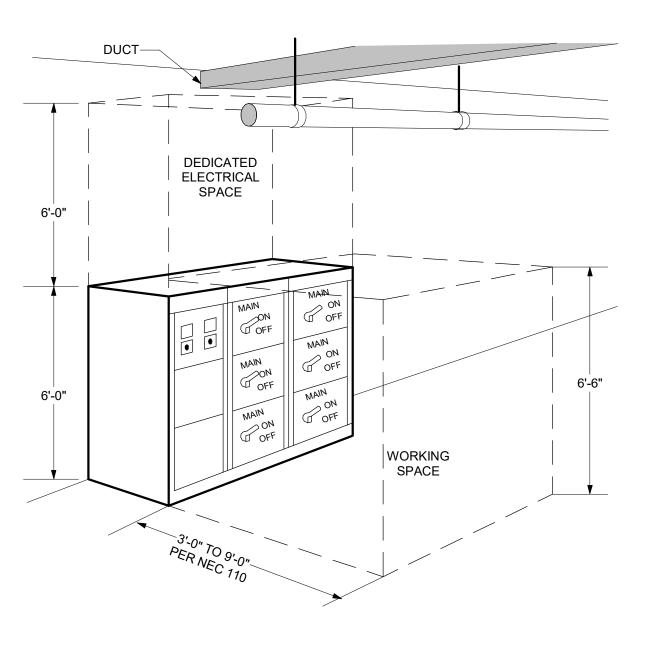
PIPE PASSES THROUGH.

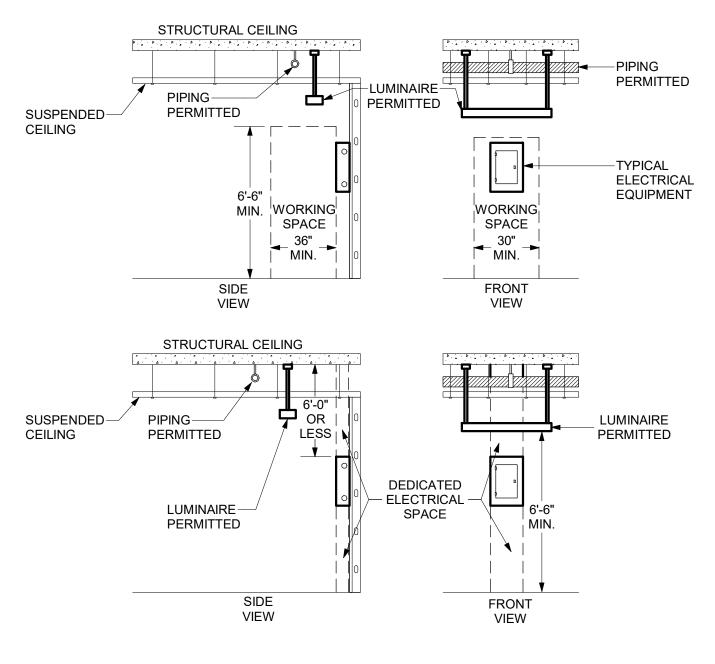
ELECTRIC WATER HEATER ON PLATFORM DETAIL NOT TO SCALE

TEMPERATURE SHALL BE SET AT 120 DEF F.

CONTRACTOR PRIOR TO CONSTRUCTION.

DETAIL NOTES:

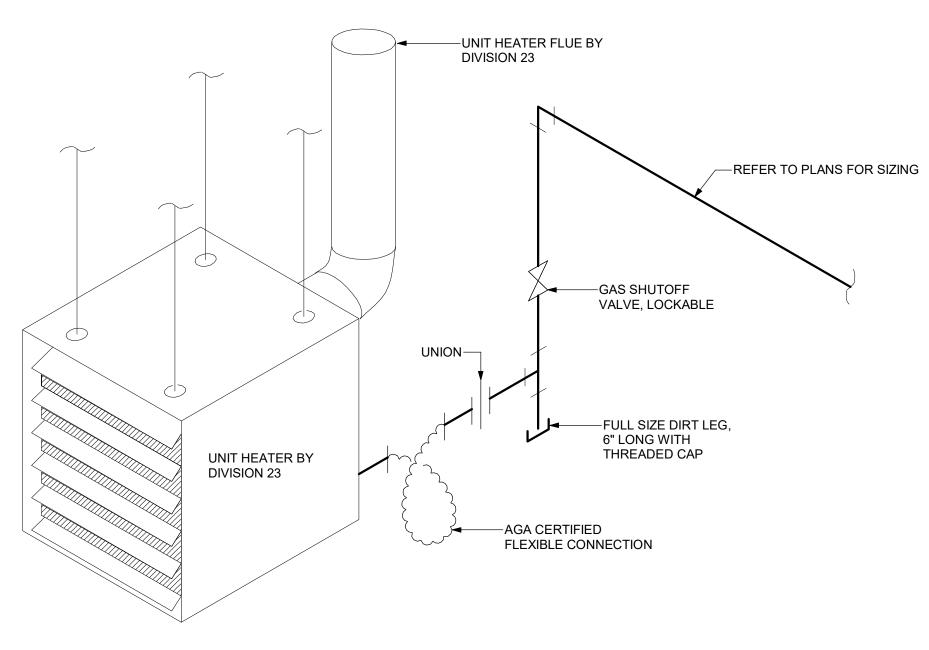




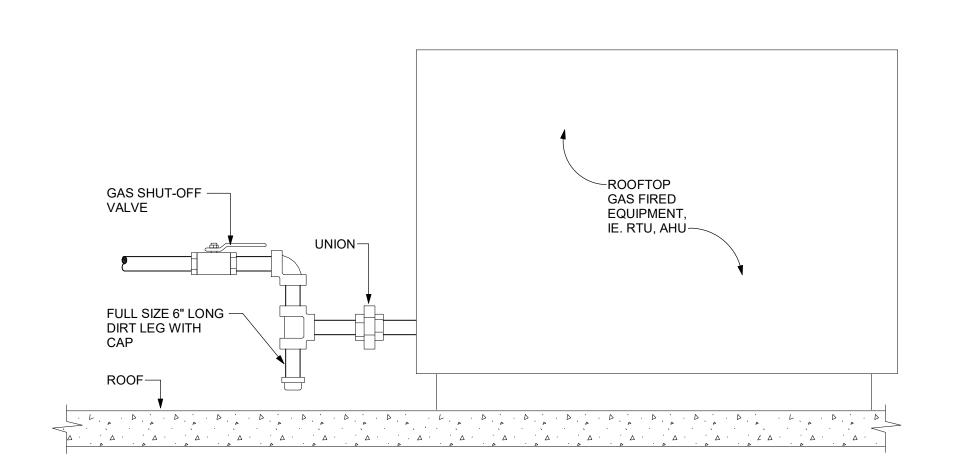
DETAIL NOTES:

- 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:

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

84 CHALET ROAD KIAMESHA LAKE, NY 12751

JCJARCHITECTURE

120 HUYSHOPE AVENUE SUITE 400 HARTFORD, CT 06106 860.247.9226

© 2019 JCJ Architecture

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



ISSUE 09/30/21 **JOB** __H18064.14 **DRAWN** EAS SCALE NOT TO SCALE **REVISIONS:**

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

P-002