

X:\VGFD (Vails Gate Fire District)\VGFD2021-04\04a Gate FD New Firehouse\02-Building\02-01-Plumbing Schedules.dwg User: h2m\h2m Date: 7/18/2022 8:37am By: h2m\h2m

PLUMBING FIXTURE SCHEDULE

FIXTURE TAG	DESCRIPTION	MANUFACTURER	MODEL	TRIM				MINIMUM CONNECTION SIZES (IN)							SPECIFICATION	REMARKS
				MANUFACTURER	MODEL	TYPE	MOTION SENSOR CONTROL	COLD WATER		HOT WATER		DRAIN		VENT		
								SIZE	FU	SIZE	FU	SIZE	DFU			
LAV-1	LAVATORY - WALL MOUNTED - BARRIER FREE - ADA	AMERICAN STANDARD	WHEELCHAIR USERS LAVATORY	KOHLER	K-13462	ELECTRONIC	YES	1/2	1.5	1/2	1.5	1-1/2	1	1-1/2	VITREOUS CHINA, 20" X 27" WALL MOUNT SINK W/ 14" WIDE, 14-3/4" FRONT TO BACK, 4-3/4" DEEP BOWL, FRONT OVERFLOW, CONCEALED ARMS SUPPORT, FAUCET LEDGE. FAUCET CENTER HOLE ONLY. ASME A112.19.2 CERTIFIED.	PROVIDE ZURN Z1231 CONCEALED ARM WALL-MOUNTED LAVATORY SUPPORT SYSTEM.
WC-1	WATER CLOSET - FLUSH VALVE - WALL MOUNTED - BARRIER FREE - ADA	AMERICAN STANDARD	AFWALL MILLENIUM FLOWISE TOILET SYSTEM	AMERICAN STANDARD	SELECTRONIC FLUSH VALVE	ELECTRONIC	YES	1	10	-	-	4	4	2	VITREOUS CHINA, 26" X 14" X 15" WALL-MOUNTED FLUSHOMETER VALVE TOILET, CONVENTIONAL GLAZE, SENSOR OPERATED 1.28/1.1 GPF DUAL FLUSH, 1-1/2" TOP SPUD. ASME A112.19.2 CERTIFIED.	PROVIDE ZURN Z1202-N4 NO-HUB WATER CLOSET CARRIER SYSTEM FOR SINGLE WATER CLOSETS.
SK-1	SERVICE SINK	ADVANCE TABCO	FS-WM-1-ADA-F	AMERICAN STANDARD	8350.235	MANUAL	NO	1/2	2.25	1/2	2.25	3	2	1-1/2	14 GAUGE TYPE "304" STAINLESS STEEL, 1-5/8" TUBULAR "304" STAINLESS STEEL WALL BRACKETS, STAINLESS STEEL GUSSETS, 8" O.C. FAUCET HOLES PUNCHED. ALL TIG WELDED. WELDED AREAS BLENDED TO MATCH ADJACENT SURFACES AND TO A SATIN FINISH. DIE FORMED TUBULAR WALL BRACKETS. 8-1/2" HIGH BACKSPLASH, 5" SINK BOWL DEPTH. NSF 61 STANDARD 9 COMPLIANT.	
HB-1	INTERIOR HOSE BIBB WITH KEY	MURDOCK	8121CP-LF	-	-	MANUAL	-	3/4	-	-	-	-	-	-	HEAVY BRASS BODY, FURNISHED WITH A LOCK SHIELD BONNET AND REMOVABLE LOOSE KEY HANDLE. VACUUM BREAKERS ARE ATMOSPHERIC TYPE AND CONFORM TO THE REQUIREMENTS OF ASSE STANDARD 1011.	
FD-1	FLOOR DRAIN - SEE NOTE 3	ZURN	Z415SL	-	-	-	-	-	-	-	-	3	2	2	FLOOR AND SHOWER DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND "TYPE SL" POLISHED, NICKEL BRONZE SQUARE, WIDE FLANGED, LIGHT DUTY STRAINER.	
CB-1	CATCH BASIN	ZURN	Z887-24-HD	-	-	-	-	-	-	-	-	4	-	-	CATCH BASIN SHALL BE 23-1/4" WIDE REVEAL X 24-5/8" LONG AND 24" DEEP. CATCH BASIN SHALL BE MADE OF 0% WATER ABSORBENT HDPE. SHALL MECHANICALLY LOCK INTO THE CONCRETE SURROUND. BASIN SHALL WEIGH LESS THAN 20.0 LBS. CATCH BASIN SHALL HAVE REBAR CLIPS STANDARD TO SECURE BASIN IN ITS FINAL LOCATION. SHALL BE PROVIDED WITH STANDARD DGC GRATES THAT LOCK DOWN TO FRAME. ZURN 22-1/4" WIDE REVEAL DUCTILE IRON SLOTTED GRATE CONFORMING TO ASTM SPECIFICATION A536-84, GRADE 80-85-06. DUCTILE IRON GRATE IS RATED CLASS C PER THE DIN EN 1433 TOP LOAD CLASSIFICATION. SUPPLIED IN 24" NOMINAL LENGTH WITH 11/16 WIDE SLOTS, AND 2-1/2" BEARING DEPTH. GRATE HAS AN OPEN AREA OF 164.01 SQ IN. PER FT. THE 1/4" THICK HEAVY DUTY FRAME ASSEMBLY CONFORMS TO EITHER ASTM SPECIFICATION A36 OR A536-84, WITH 4-4 LONG CONCRETE ANCHORS PER BASIN. THE FRAME IS SUPPLIED WITH A PODER COATED FINISH. ALL WELDS MUST BE PERFORMED BY A CERTIFIED WELDER PER ASTM STANDARD AWS D1.1. FRAMES SHALL BE PRODUCED IN USA.	
EW-1	EMERGENCY EYEWASH STATION	HAWS	73609-7460B	-	-	-	-	1/2	-	1/2	-	-	-	-	WALL MOUNTED EYE/FACE WASH SHALL INCLUDE A STAINLESS STEEL 11" ROUND BOWL, AN AXION MSR EYE/FACE WASH HEAD SUPPLIED BY AN INTEGRAL FLOW CONTROL, CHROME-PLATED BRASS STAY-OPEN BALL VALVE EQUIPPED WITH STAINLESS STEEL BALL AND STEM, AND CHROME-PLATED BRASS IN-LINE 50 X 59 MESH WATER STRAINER. UNIT SHALL ALSO INCLUDE CAST-ALUMINUM CHROMATE PROTECTED WALL BRACKET, YELLOW PLASTIC POP-OFF DUST COVER FOR EYEWASH HEAD, TAILPIECE, UNIVERSAL SIGN, 1/2" IPS INLET AND 1-1/2" IPS WASTE.	PROVIDE THERMOSTATIC MIXING VALVE HAWS MODEL 9201EFE. OUTLET TEMPERATURE SHALL BE SET TO 80 DEGREES F.

NOTES:

1. CHROME PLATE ALL DRAIN PIPE, FITTINGS, P-TRAPS AND SUPPLY LINES THAT ARE EXPOSED. LOCATED WITHIN VANITIES OR ACCESSIBLE CABINETS OR BEHIND WATER CLOSETS

2. MINIMUM CONNECTION SIZES INDICATED ARE EQUIPMENT CONNECTION SIZES OR CODE MINIMUM SIZES, SEE PLANS AND DIAGRAMS FOR ACTUAL SIZES REQUIRED

3. ALL FLOOR DRAINS SHALL HAVE TRAP SEALS. MANUFACTURER: ZURN; Z1072

4. INSULATE EXPOSED DRAIN AND SUPPLY PIPING FOR HANDICAPPED FIXTURES WITH TRUEBRO LAV GUARD.

WATER HEATER [ELECTRIC]

EQUIPMENT NO.	LOCATION	SYSTEM SERVED	ELECTRIC POWER			EQUIPMENT SPECIFICATIONS						MINIMUM PERFORMANCE OF WATER HEATING (NYSECC TABLE C404.2)					SPECIFICATIONS
						MNF	MODEL NO.	NOMINAL DIMENSION DIA x H	CAPACITY (GAL)	NOMINAL OPERATING WEIGHT (LBS.)	VOLTS / PHASE	EQUIPMENT TYPE	SIZE CATEGORY	SUBCATEGORY	PERFORMANC E REQUIRED 0.97-0.00132V EFFICIENCY	WATER HEATER EFFICIENCY	
WH-1	MEZZANINE	BUILDING	3,000 W	12 GAL.	3/4"	A.O. SMITH	DEL-6	14.25" X 15.5"	6	85	208/1	WATER HEATER, ELECTRIC	< 12 KW	RESISTANCE	-	-	HEATER SHALL HAVE 150 PSI WORKING PRESSURE AND BE EQUIPPED WITH EXTRUDED HIGH DENSITY ANODE ROD. EACH ELEMENT SHALL BE CONTROLLED BY AN INDIVIDUALLY MOUNTED THERMOSTAT AND HIGH TEMPERATURE CUTOFF SWITCH. THE OUTER JACKET SHALL BE OF BAKED ENAMEL FINISH AND SHALL BE PROVIDED WITH FULL SIZE CONTROL COMPARTMENT FOR PERFORMANCE OF SERVICE AND MAINTENANCE THROUGH FRONT PANELS AND SHALL ENCLOSE THE TANK WITH FOAM INSULATION. THE DRAIN VALVE SHALL BE LOCATED IN THE FRONT FOR EASE OF SERVICING. HEATER TANK SHALL HAVE A THREE YEAR LIMITED WARRANTY AS OUTLINED IN THE WRITTEN WARRANTY. FULLY ILLUSTRATED INSTRUCTION MANUAL TO BE INCLUDED.

EXPANSION TANK SCHEDULE

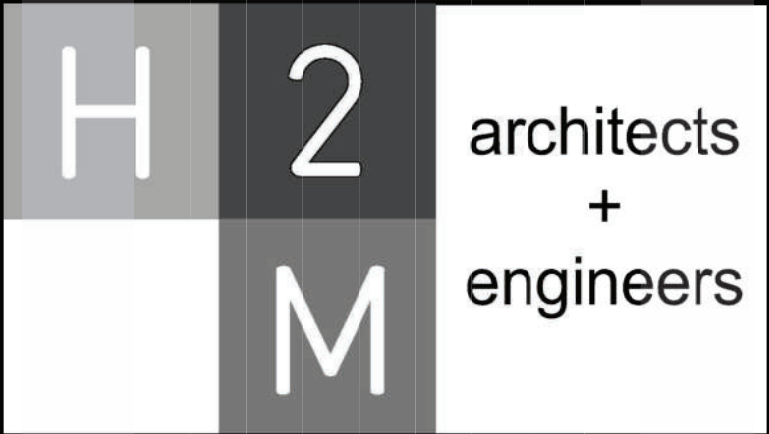
EQUIPMENT NO.	LOCATION	SYSTEM SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS			EQUIPMENT SPECIFICATIONS					SPECIFICATION	REMARKS
			ESTIMATED VOLUME (GAL.)	MAX. OPERATING PRESS. RANGE (PSIG)	MAX. OPERATING TEMP. RANGE (DEG. F)	MNF	MODEL NO.	DIMENSION DIA. x H	WATER CONNECTION	OPERATING WEIGHT (LBS.)		
ET-1	MEZZANINE	HOT WATER HEATING	2.0	150	200	AMTROL	ST-5	8" X 13"	3/4"	7	THERMAL EXPANSION TANK WITH STEEL SHELL AND HEAVY DUTY BUTYL DIAPHRAGM. TANK SHALL INCLUDE ANTIMICROBIAL POLYPROPYLENE LINER, STAINLESS STEEL SYSTEM CONNECTION, URETHENE TOPCOAT FINISH, WATER CIRCULATOR, AND PROJECTION WELDED AIR VALVE. EXPANSION TANK TO BE NSF/ANSI 61 CERTIFIED.	CONTRACTOR TO SET PRESSURE OF EXPANSION TANK TO MATCH WATER SUPPLY PRESSURE PRIOR TO INSTALLATION. EXPANSION TANK TO BE MOUNTED VERTICALLY.

MIXING VALVE

EQUIPMENT NO.	LOCATION	BASIS OF DESIGN INFORMATION					
		MAXIMUM PRESSURE RANGE	MINIMUM FLOW	MAXIMUM FLOW	MANUFACTURER	MODEL	NOMINAL DIMENSIONS (W X H)
MV-1	LAVATORY	125 PSI	0.25 GPM	12 GPM	LEONARD	270-LF	5" X 5.5"
MV-2	EMERGENCY EYEWASH STATION	125 PSI	1 GPM	12 GPM	HAWS	9201EFE	4-1/2" X 5-1/4"

INTERCEPTOR SCHEDULE

EQUIPMENT NO.	LOCATION	BASIS OF DESIGN INFORMATION						SPECIFICATION	REMARKS
		FLUID	FLOW (GPM)	INLET AND OUTLET SIZE	MANUFACTUER	MODEL	NOMINAL DIMENSIONS (L X W X H)		
SI-1	OPEN FLOOR	SAND	50	4"	ZURN	Z1187-SI-E	48" X 24" X 26"	ACID RESISTANT COATED INTERIOR STEEL SAND INTERCEPTOR WITH IRON GRATE COVER, INTEGRAL EXTENSION, 4" NO HUB INLET/OUTLET.	INTERCEPTOR TO BE INSTALLED FLUSH WITH F.F. PROVIDE NO-HUB INLET/OUTLETS. PROVIDE EXTRA-HEAVY-DUTY REINFORCED COVER FOR VEHICULAR TRAFFIC.



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Melville, NY 11747
631.756.8000 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION



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DESIGNED BY: JRM	DRAWN BY: KJE	CHECKED BY:	REVIEWED BY:
PROJECT NO.: VGFD2001	DATE: JULY 2022	SCALE:	AS SHOWN

CLIENT

VAILS GATE FIRE DISTRICT



New Storage Building (Phase I)
New Fire Station (Phase II)

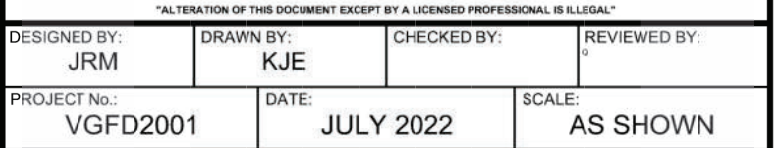
872 Blooming Grove Turnpike
New Windsor, NY 12553

CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

SHEET TITLE
PLUMBING SCHEDULES

DRAWING No.
P1 002.00

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VAILS GATE FIRE DISTRICT

New Storage Building (Phase I)
New Fire Station (Phase II)



CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

PLUMBING SITE PLAN - NEW STORAGE BUILDING

PS1 100.00

1. INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE COUNTY DEPARTMENT OF HEALTH SERVICES, NEW YORK STATE HEALTH DEPARTMENT REGULATIONS, AND TOWN OF NEW WINDSOR REGULATIONS.
2. ALL CONNECTIONS ON THE WATER SERVICE SHALL BE DOWNSTREAM FROM THE BACKFLOW PREVENTION DEVICE. BYPASSING OF A BACKFLOW PREVENTION DEVICE IS A VIOLATION OF NEW YORK STATE HEALTH DEPARTMENT RULES AND REGULATIONS.
3. THE CONTRACTOR SHALL ENGAGE A CERTIFIED BACKFLOW PREVENTION DEVICE TESTER TO TEST THE BACKFLOW PREVENTION DEVICE AFTER INSTALLATION. IT IS THE OWNERS RESPONSIBILITY TO HAVE EACH DEVICE CERTIFIED AT LEAST ANNUALLY WITH RESULTS REPORTED TO THE AUTHORITY HAVING JURISDICTION AND TO THE COUNTY DEPARTMENT OF HEALTH ON NY STATE FORM GEN 215. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELATED TESTING AND APPLICATION FEES.
4. SHUT-OFF VALVES ON DOMESTIC WATER SERVICE BFP DEVICE SHALL BE BALL VALVES AND SHALL BE SAME MANUFACTURER AS BFP DEVICE.
5. TEST COCKS ON THE BFP DEVICE SHALL BE POSITIONED TO FACILITATE TESTING WITH 30" MINIMUM CLEARANCE.
6. BACKFLOW DEVICES MAY NOT BE MODIFIED IN ANY WAY DURING INSTALLATION.
7. DOMESTIC WATER SERVICE TO BE COPPER TYPE K AND SHALL HAVE A MINIMUM OF 4'-6" OF COVER.
8. PIPING SHALL BE UN-BRANCHED AND UNRESTRICTED FROM THE SUPPLY MAIN TO THE DEVICE, EXCEPT FOR THE METER ON THE DOMESTIC SERVICE.
9. CONTRACTOR SHALL PROVIDE APPROPRIATE FLOORWALL SUPPORTS FOR ALL DEVICES AND PIPING. ALL SUPPORTS/HANGERS/CLAMPS SHALL BE GALVANIZED STEEL.
10. BACKFLOW DEVICES SHALL BE APPROVED BY THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH.
11. THE ROOM AND ENCLOSURE WHERE THE DEVICES ARE LOCATED SHALL BE HEATED AND SHALL HAVE LIGHTING.
12. DEVICE MAY NOT BE INSTALLED HIGHER THAN 5'-0" ABOVE THE FLOOR OR A FIXED PLATFORM IS REQUIRED.
13. WATER SERVICE LINES TO MAINTAIN A MINIMUM CLEARANCE OF 10'-0" FROM GAS SERVICE, SEWER LINES, DRAINAGE LINES, UTILITY POLES AND TREES, ETC.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSOCIATED TAP, PERMIT AND METER FEES FOR WATER AND GAS SERVICES. CONTRACTOR SHALL PROVIDE A 15,000 DOLLAR ALLOWANCE TO COVER ALL FEES ASSOCIATED WITH CONNECTING NEW WATER AND GAS SERVICES TO EXISTING MAINS, AND INSTALLATION AND FURNISHING OF UTILITY METERS AND METER RIGS.

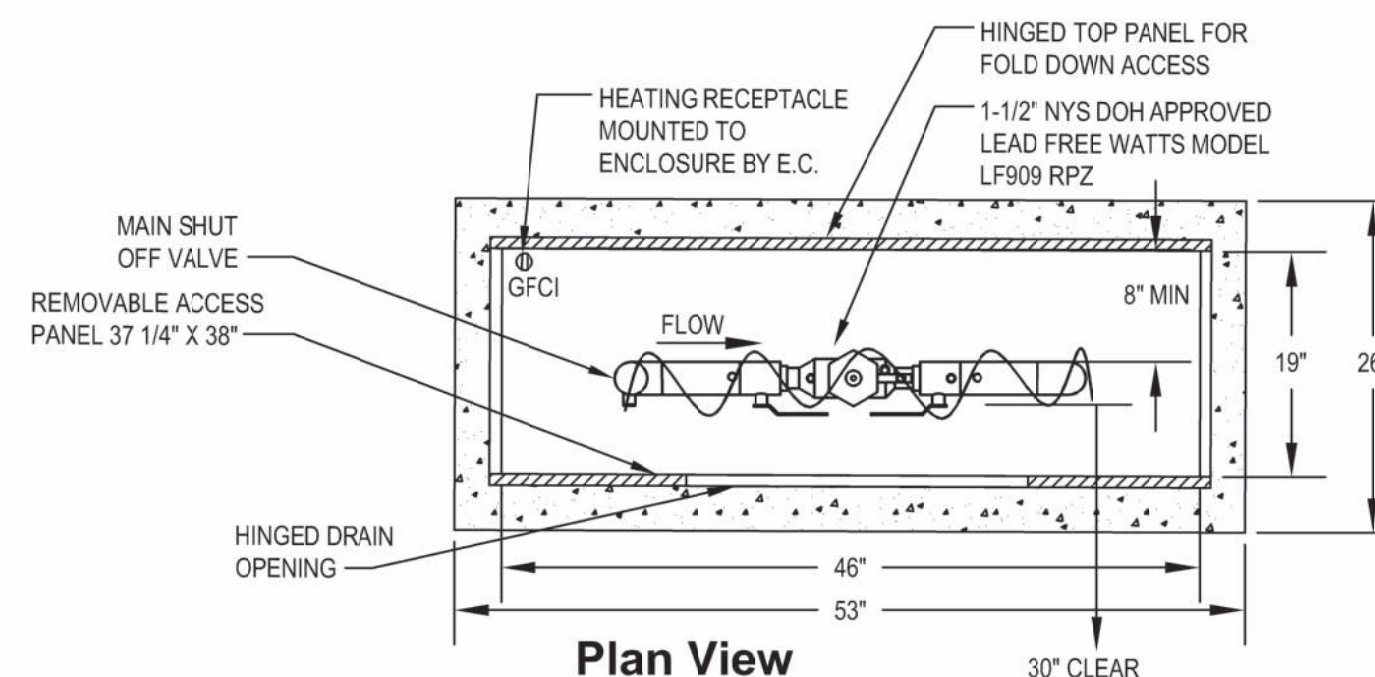


SCALE: 1" = 30'-0"



SCALE: NTS

ORANGE COUNTY TAX NUMBER
SECTION: 65 BLOCK: 2 LOT(S): 28



Notes:

1. ALL DIMENSIONS ARE IN INCHES.
2. RECOMMENDED SLAB SIZE: 53"x26"x6" THICKNESS (3,500 PSI W/ REINFORCING).
3. "E" INDICATES ELECTRICAL GFI RECEPTACLE. IT SHALL BE MOUNTED A MINIMUM OF 18" ABOVE THE SLAB. CONTRACT 'E' TO PROVIDE ALL POWER WIRING TO RECEPTACLE AND HEATERS.
4. THE ENCLOSURE SHALL USE (1) CHROMALOX-30, 90W, 120V, SINGLE PHASE HEATER.

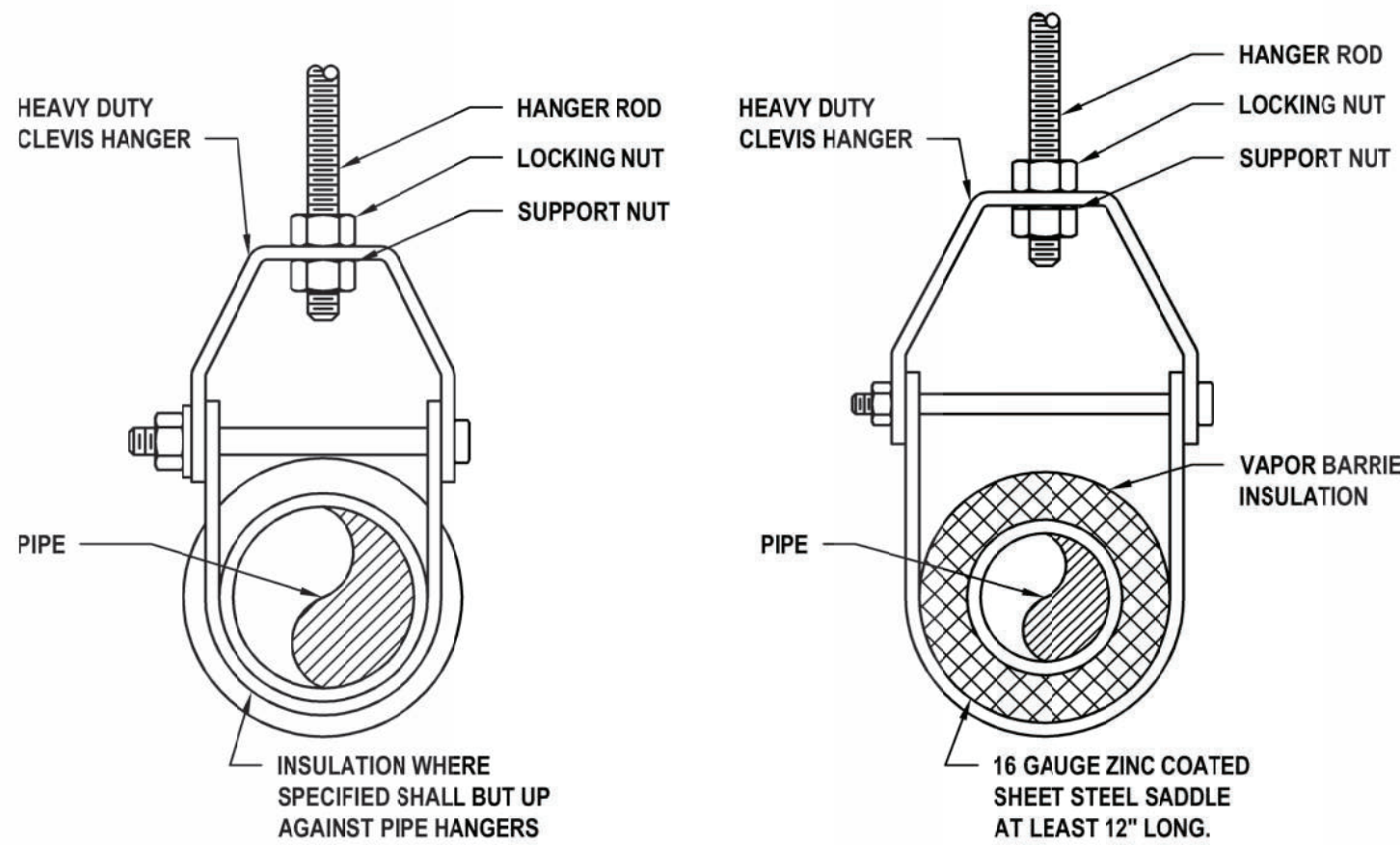
4 SCALE: NTS

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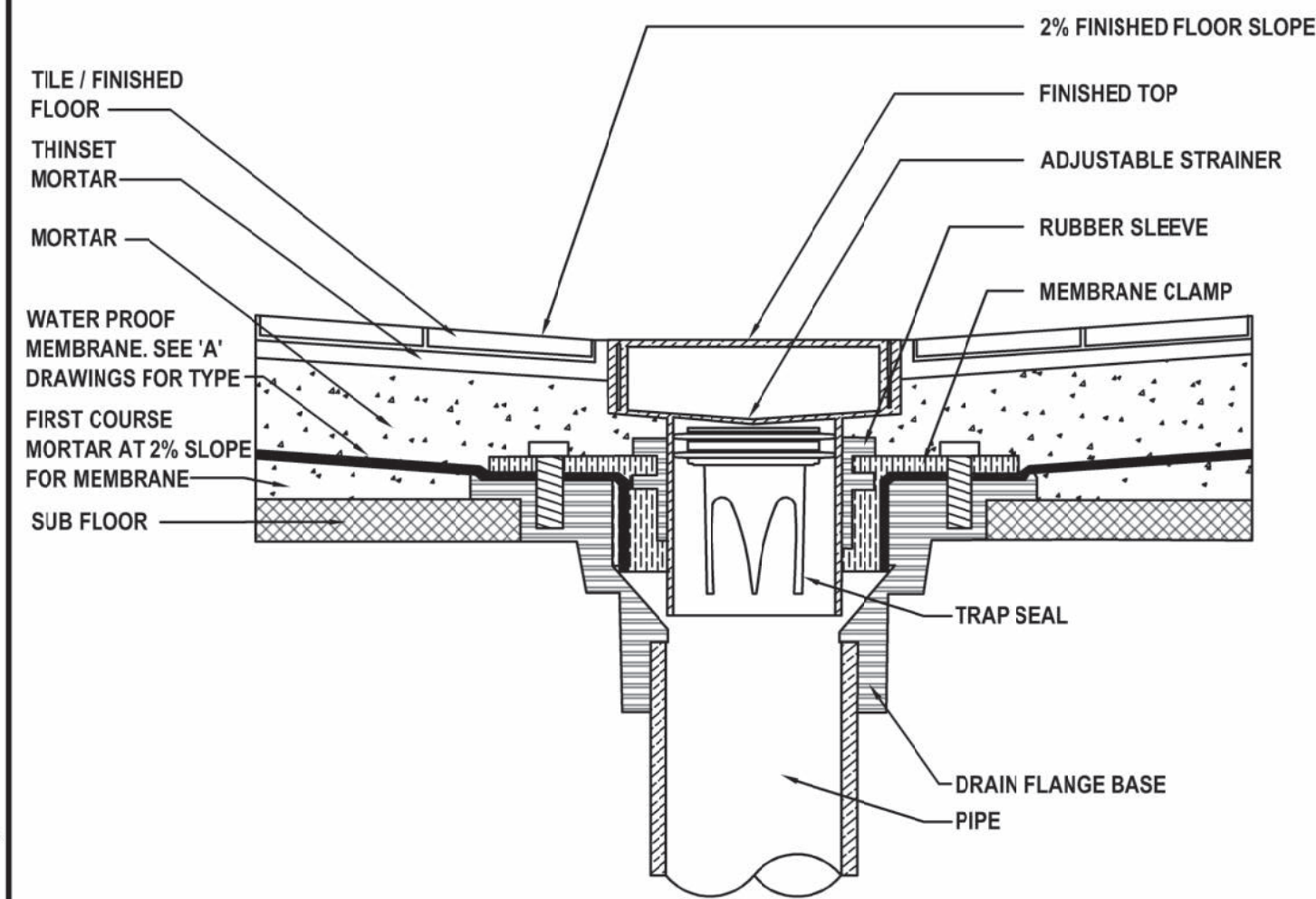
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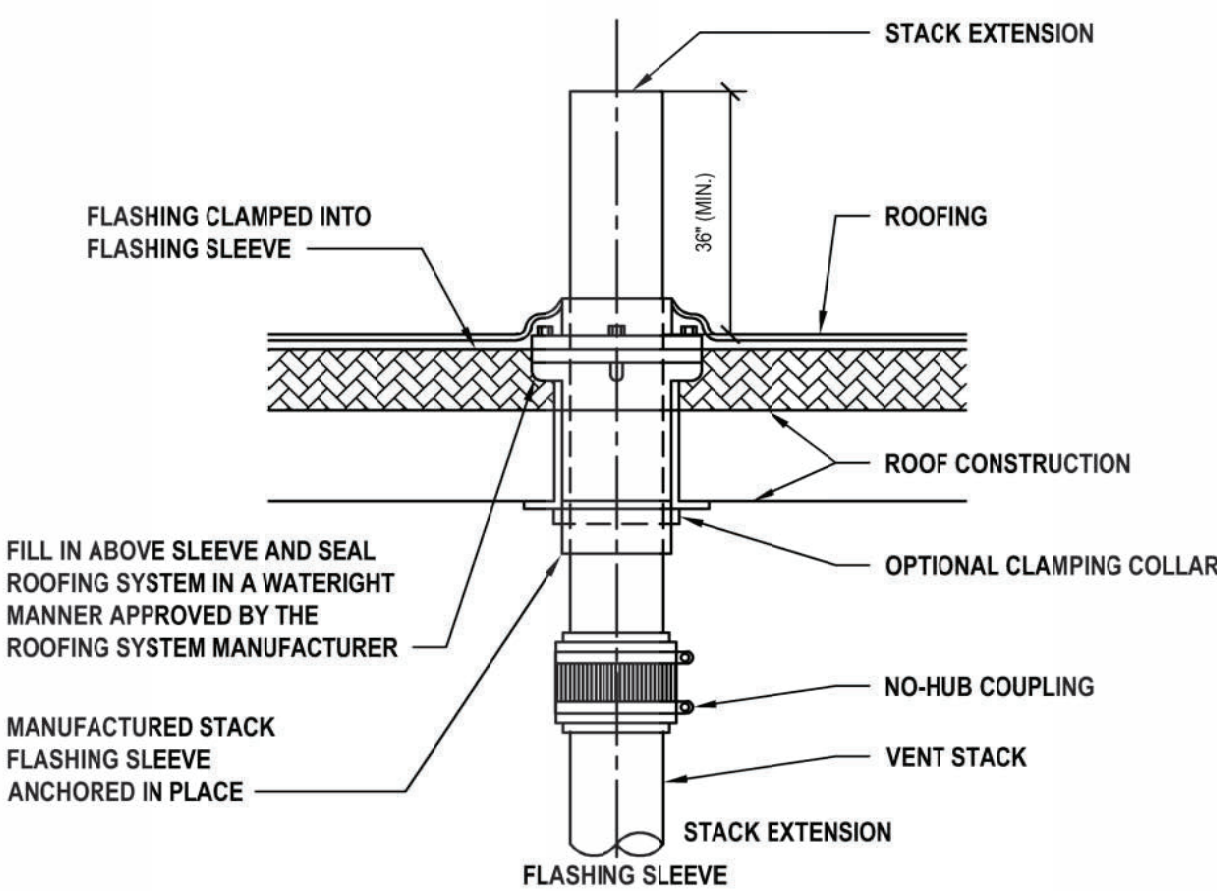
HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" THRU 5"	5/8" DIA.
2 1/2" THRU 3"	1/2" DIA		



SCALE: NTS

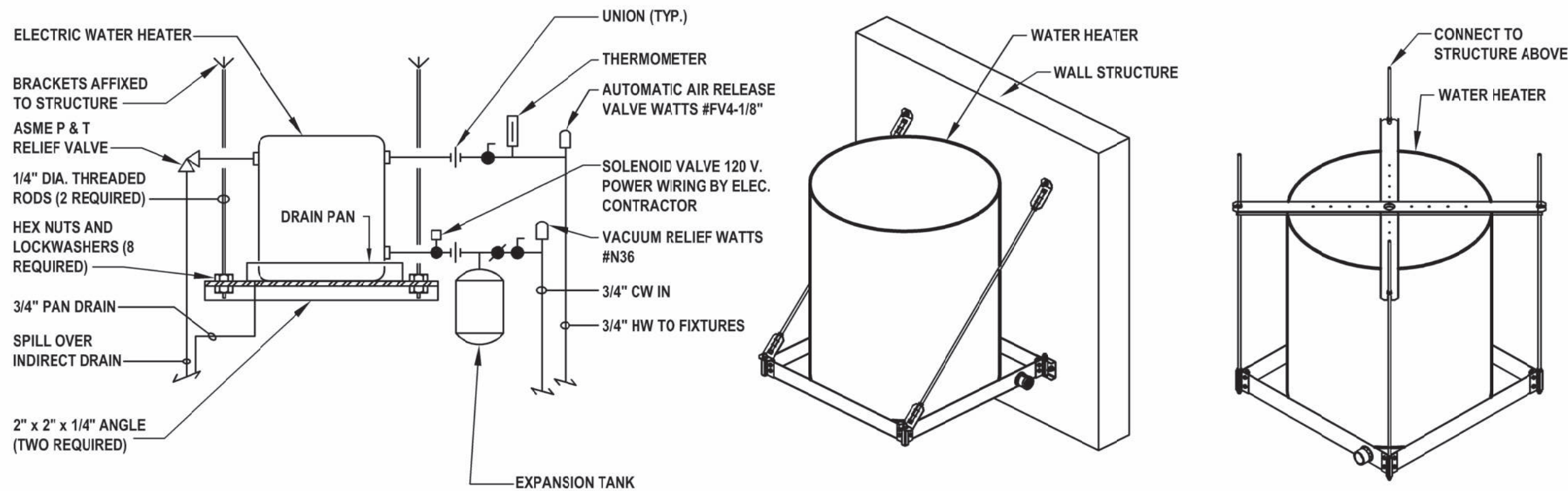


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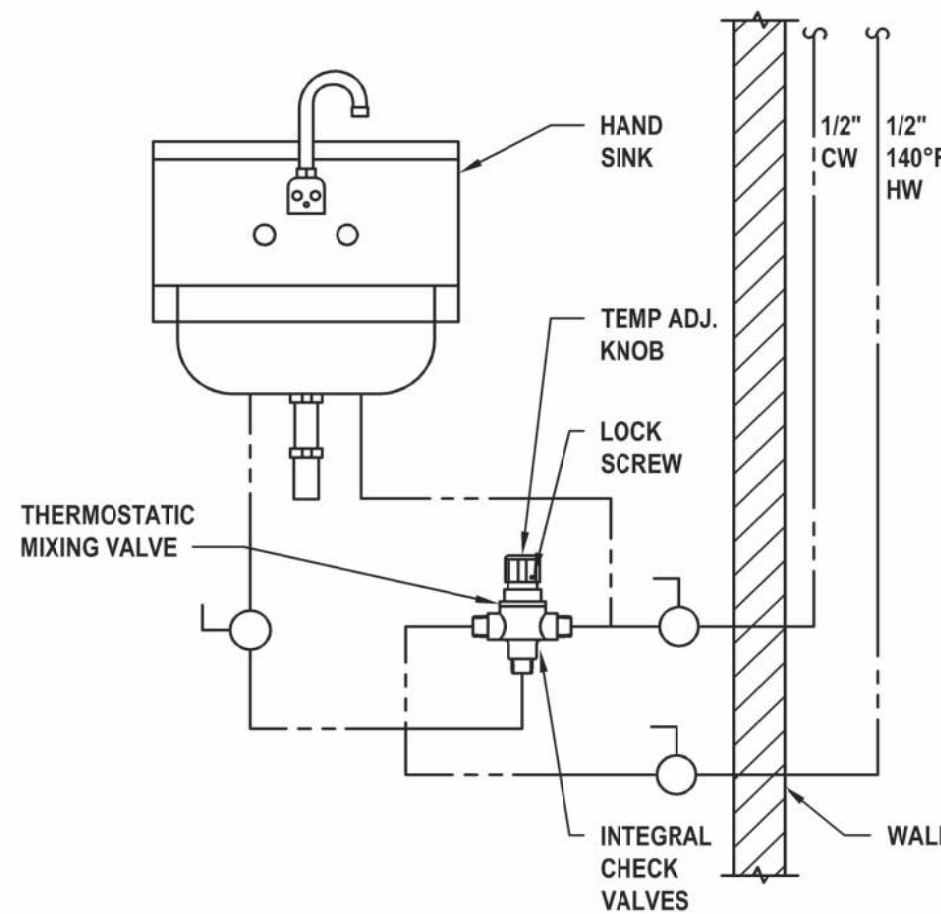
- NOTES:**
1. FINAL VENT STACK OUTLET LOCATION TO BE 15 FEET (MIN.) AWAY FROM ANY OUTSIDE VENTILATION AIR INTAKE LOCATION, 10 FEET (MIN.) FROM ANY WALL OR STRUCTURE AND 3 (MIN.) FEET ABOVE STRUCTURE.

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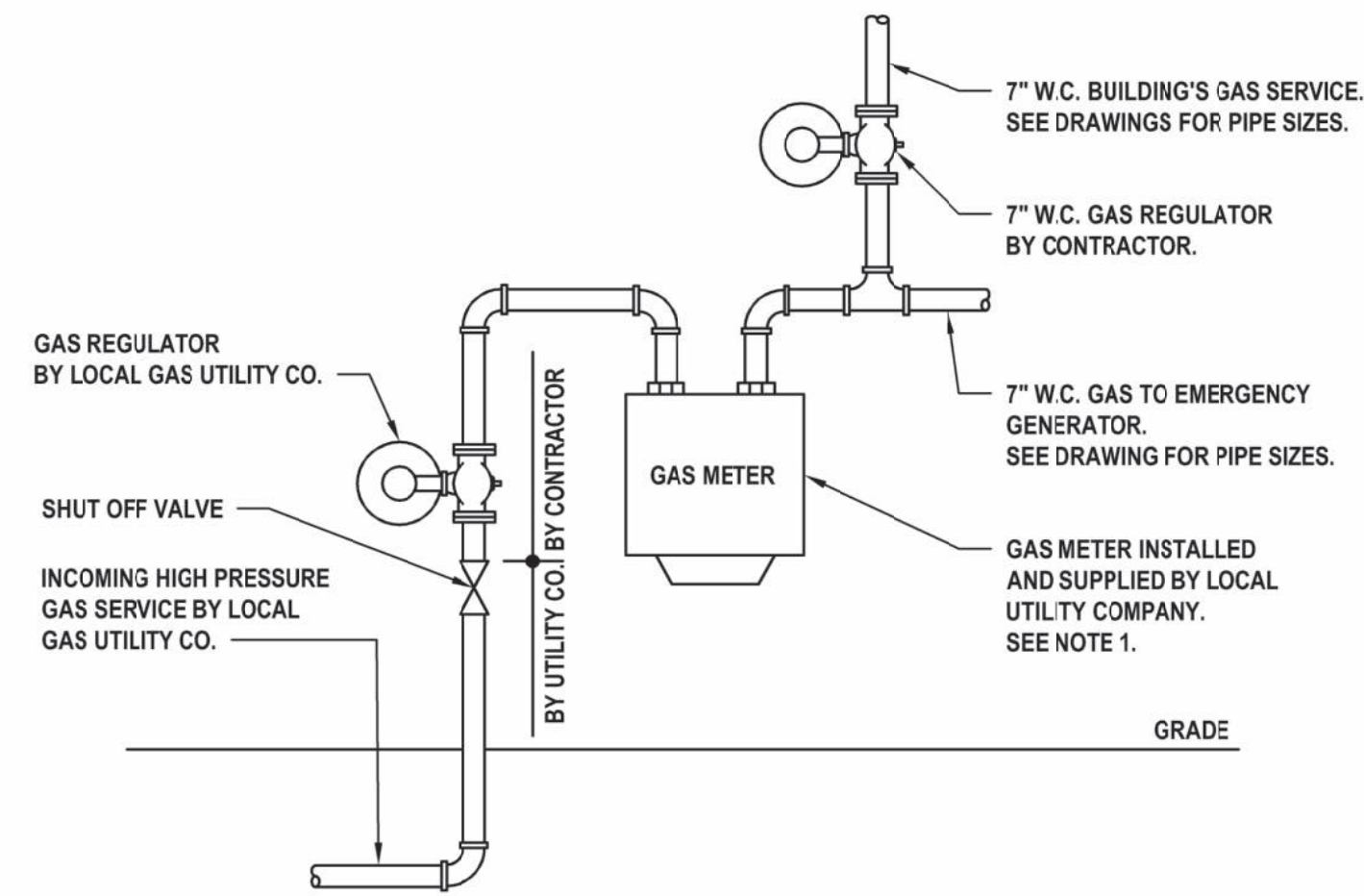


Suspended Isometric Views

2 SCALE: NTS



NOTE:
ADJUST OUTPUT TEMPERATURE TO A MAXIMUM OF 110°F



NOTES:

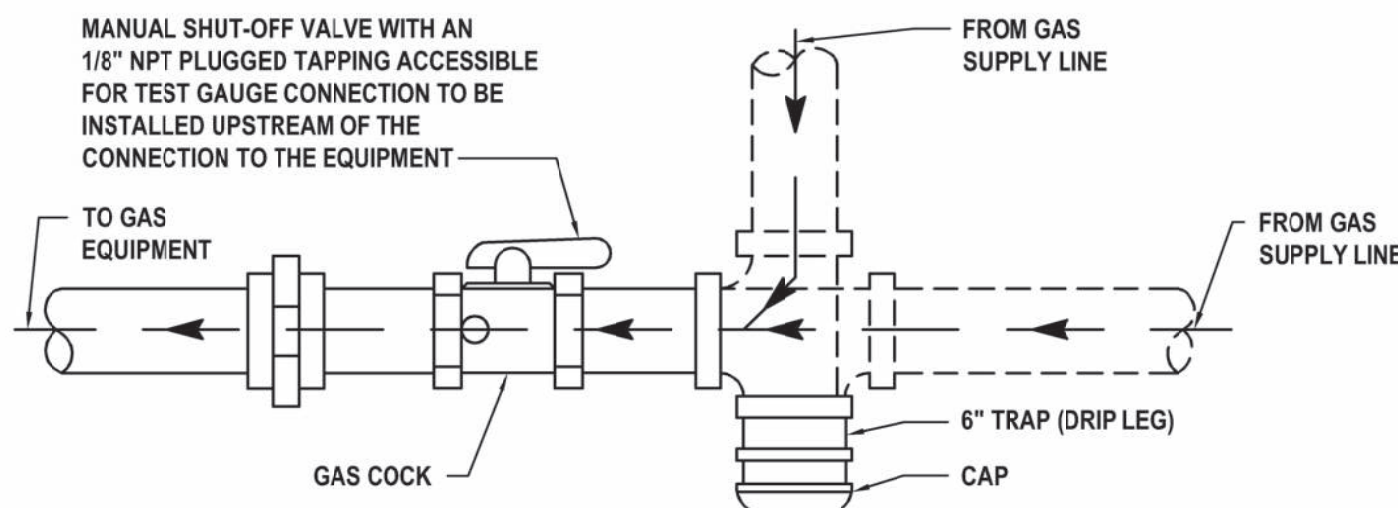
GAS METER RIG SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL REQUIREMENTS OF GAS UTILITY CO. INCLUDING, BUT NOT LIMITING TO; DIMENSIONS, PIPING, FITTINGS, CONNECTIONS, VALVE, CONCRETE PADS, AND BOLLARDS.

5

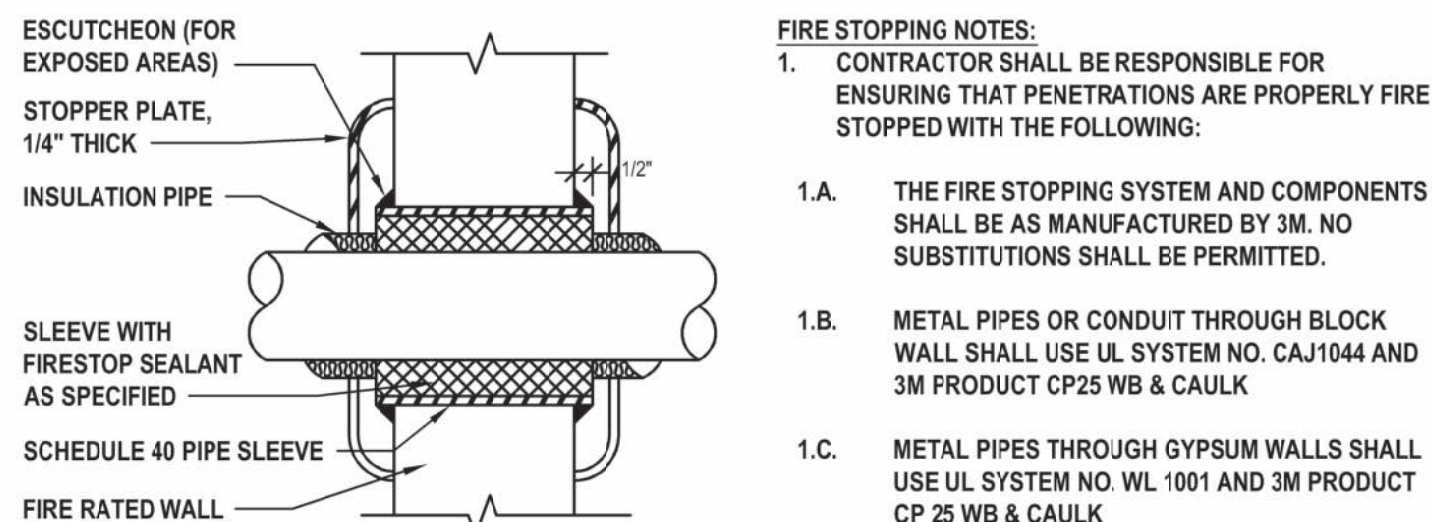
- WARNING**

 1. NO SMOKING.
 2. SHUT OFF MOTOR.
 3. DISCHARGE YOUR STATIC ELECTRICITY BEFORE FUELING BY TOUCHING A METAL SURFACE AWAY FROM THE NOZZLE.
 4. TO PREVENT STATIC CHARGE, DO NOT REENTER YOUR VEHICLE WHILE GASOLINE IS PUMPING.
 5. IF A FIRE STARTS, DO NOT REMOVE NOZZLE - BACK AWAY IMMEDIATELY.
 6. IT IS UNLAWFUL AND DANGEROUS TO DISPENSE GASOLINE INTO UNAPPROVED CONTAINERS.
 7. NO FILLING OF PORTABLE CONTAINERS IN OR ON A MOTOR VEHICLE. PLACE CONTAINER ON GROUND BEFORE FILLING.

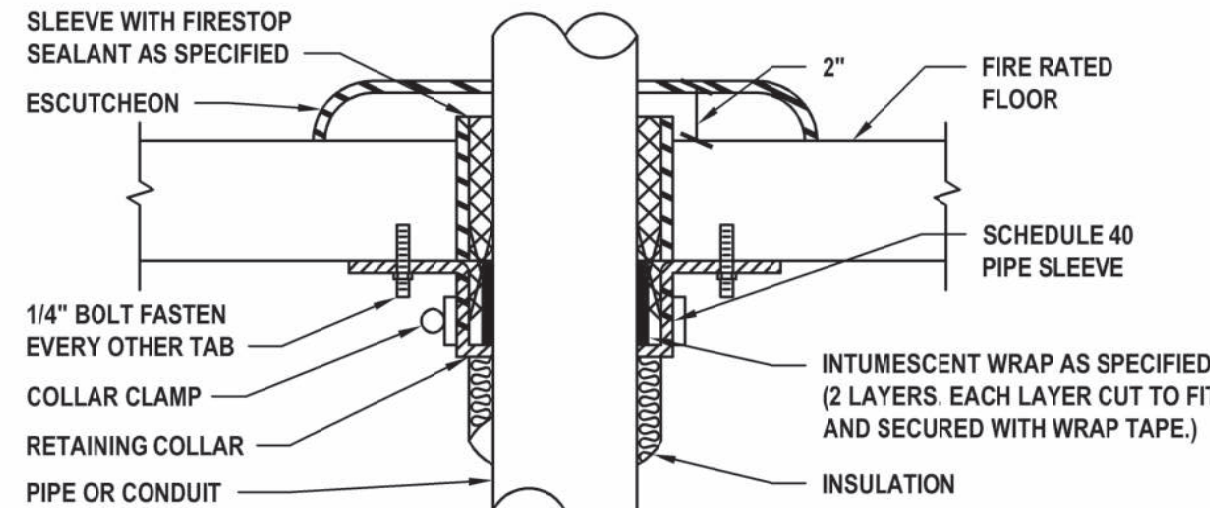
9 NTS
SCALE: NTS



11 SCALE: NTS



10 SCALE: NTS

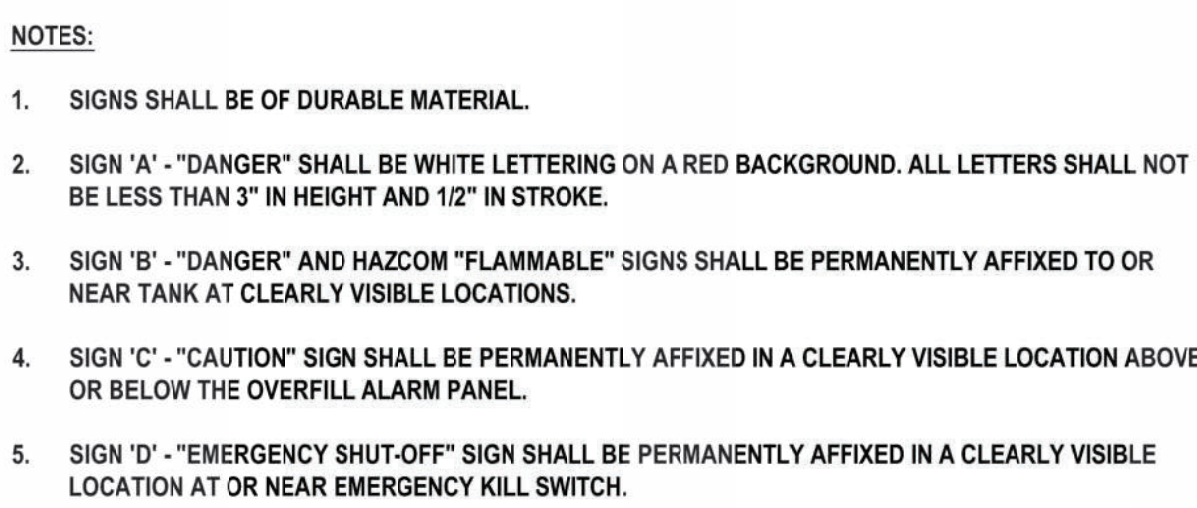


12 PIPE
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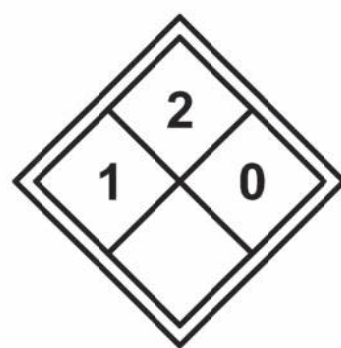
DIesel	
Tank ID #:	*****
This tank conforms with 6 NYCRR Part 613	
This tank is manufactured to UL-1316 Standard	
Manf. Date:	MM-YYYY
Tank Dia.:	X ft. - X in.
Tank Length:	X ft. - X in.
Nominal Capacity:	gallons
Design Capacity:	gallons
Working Capacity:	gallons
Model No.:	
Manufacturer:	
Installed Date/By:	
Serial No.:	

- NOTES:**
1. LABEL SHALL BE OF DURABLE MATERIAL.
 2. LABEL SHALL BE PERMANENTLY AFFIXED INSIDE FILL PORT (WITH 18-INCH STAINLESS STEEL CHAIN) AND AT TANK MONITORING PANEL.

SCALE: NTS



SCALE: NTS



- NOTES:**
1. NFPA DIAMOND SIGN SHALL BE OF DURABLE MATERIAL
 2. SIGN SHALL BE PERMANENTLY AFFIXED TO GASOLINE DISPENSER AT A CLEARLY VISIBLE LOCATION.



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DESIGNED BY: JRM	DRAWN BY: KJE	CHECKED BY:	REVIEWED BY: E
PROJECT No.: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

New Storage Building (Phase I)
New Fire Station (Phase II)



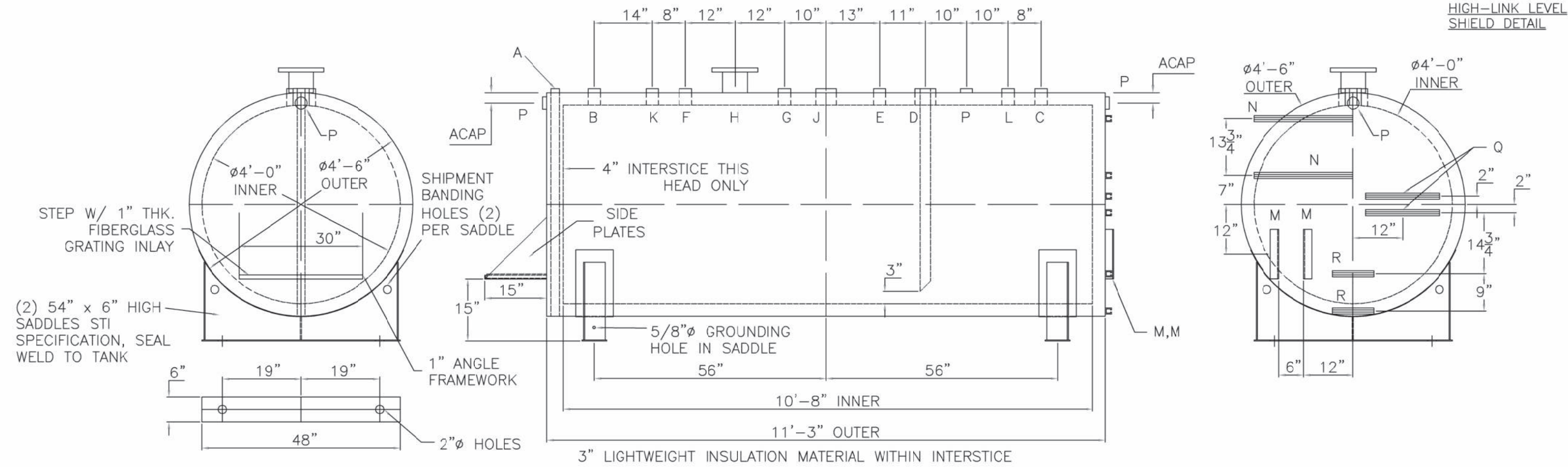
872 Blooming Grove Turnpike
New Windsor, NY 12553

FINAL BID DOCUMENT

PLUMBING DETAILS

DRAWING No. **P 500.00**

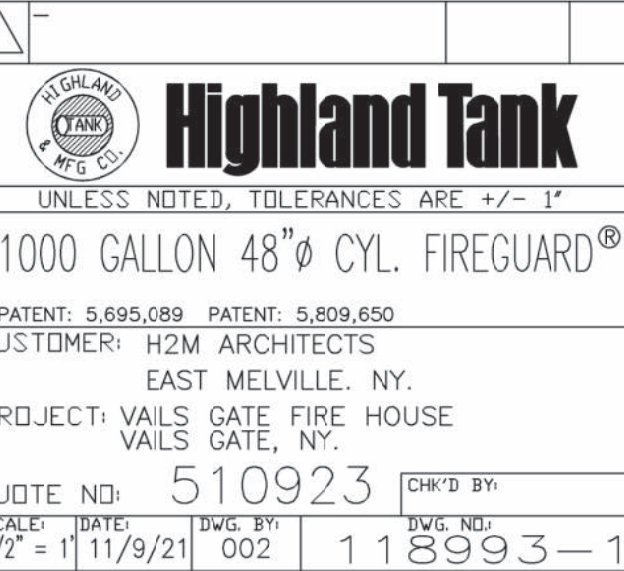
SHEET 1 OF 4
SHEET 1 TANK DETAILS
SHEET 2 ASS'Y DRAWING
SHEET 3 PIPING DETAILS.
SHEET 4 EQUIPMENT END VIEW



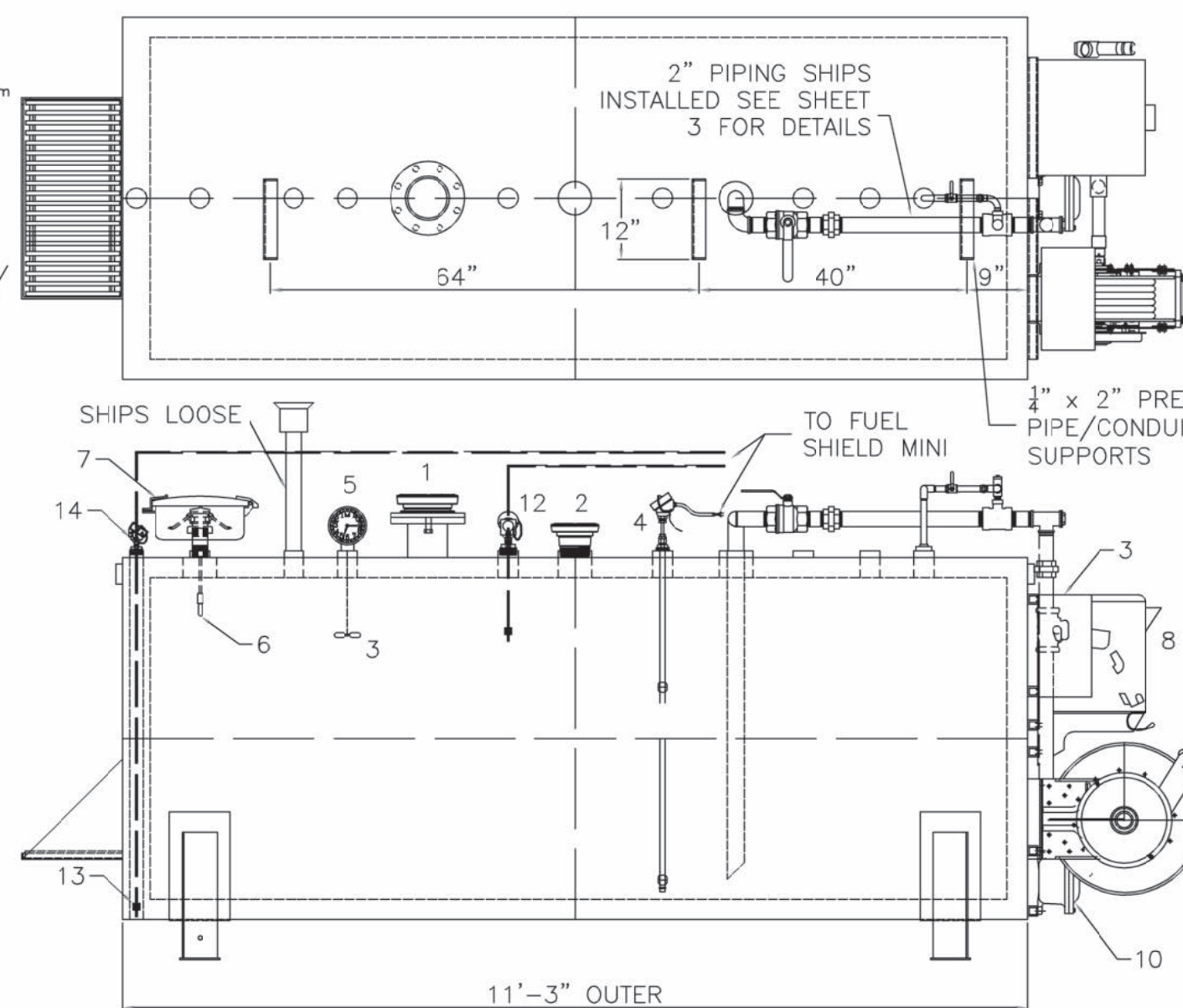
LEGEND

LEGEND					
A	2" INTERSTITIAL MONITOR PIPE- MALE NPT END (LEAK SENSOR)	H	6" FFSO 150# FLANGE THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL - INTERSTITIAL EMERGENCY VENT USE ONLY	P	2" FITTING THROUGH OUTER SHELL ONLY WITH CAST IRON PLUG- WFG USE ONLY
B	2" FEMALE FIREGUARD CPLG. (FILL)			Q	1.5" x 18" L UNI-STRUT FOR DISPENSER MOUNTING
C	2" FEMALE FIREGUARD CPLG. w/ 2" x 3" BUSHING (RELIEF LINE)			R	1.5" x 10" L UNI-STRUT FOR X-PROOF MALE 4X JUNCTION BOX
	4" FEMALE FIREGUARD CPLG. w/ 4" x 2" BUSHING & QS DROP PIPE TO 3" OF TANK BOTTOM. 45° MITER (DISPENSER SUPPLY)	J	4" FEMALE FIREGUARD CPLG. (PRIMARY EMERGENCY VENT)		
D		K	2" FEMALE FIREGUARD CPLG. (NORMAL WORKING VENT)		
		L	4" FEMALE FIREGUARD CPLG. (SPARE)		
E	2" FEMALE FIREGUARD CPLG. (HI-LINK MAG PROBE)				
F	2" FEMALE FIREGUARD CPLG. (CLOCK GAUGE)	M	1" x 2" x 2" ANGLE FOR HOSE REEL MOUNTING		
G	2" FEMALE FIREGUARD CPLG. (HIGH LEVEL SENSOR)	N	1.5" x 24" L UNI-STRUT FOR FUEL SHIELD MINI MOUNTING	NOTES:	STRIKER PLATES ARE NOT SUPPLIED ON FIREGUARDS UNLESS SPECIFIED

NOTES:
STRIKER PLATES ARE NOT SUPPLIED ON
FIREGUARDS® UNLESS SPECIFIED



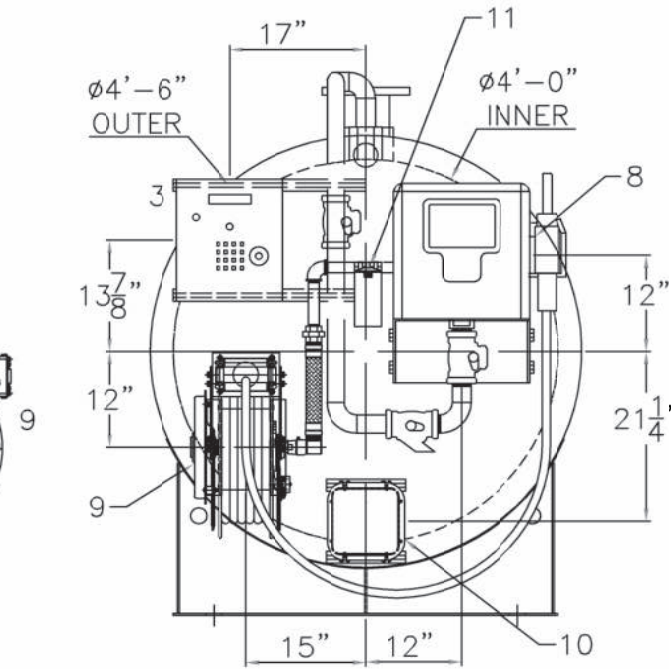
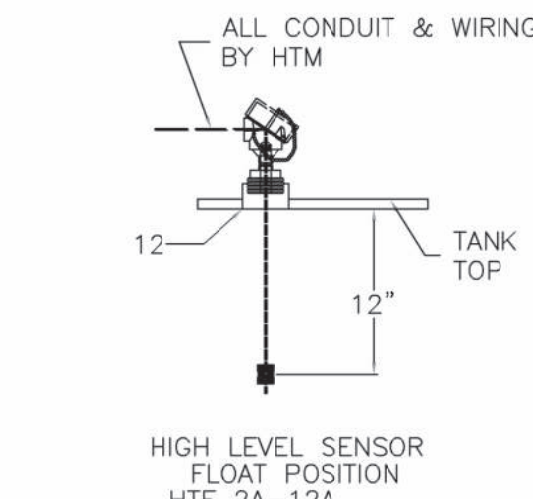
STEELE, J. 2000. *Wetland Wetland*. 200 pp.



SHIP LOOSE: (INSTALLATION ON SITE BY OTHERS)
2" GALVANIZED NORMAL MUSHROOM VENT & 2" X 8' LONG SCH. 40 GALVANIZED RISER PIPE (TBE), VENT SHOULD BE
INSTALLED ON ONE END OF THE PIPE.

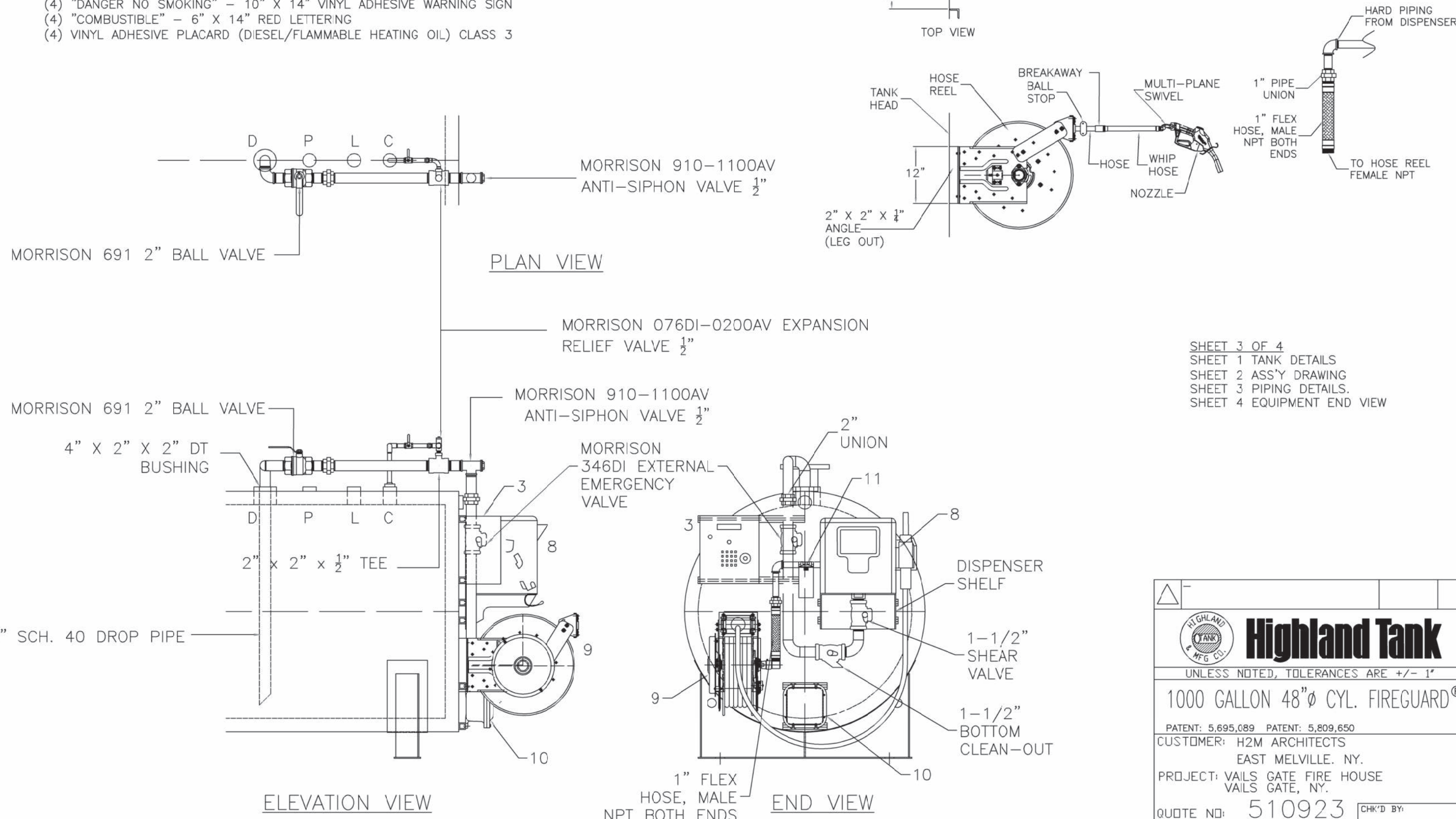
LEGEND ALL ITEMS LISTED SHIP INSTALLED

1	6" FLANGED EMERGENCY VENT 8oz./sq.in.	7	3.5 GALLON POWDER COATED STEEL THREADED SPILL BOWL W/ QUICK CONNECT, DUST CAP & 2" NIPPLE	11	1" ALUMINUM FILTER HEAD W/ 30 MICRON FILTER
2	4" MNPT EMERGENCY VENT - 8oz./sq.in.			12	HTF 1" FLOAT HIGH LEVEL STEM SENSOR W/ 15' OF CABLE (2A-12A)
3	HIGH-LINK FUELSHIELD MINI PLUS PACKAGE - DIESEL (UP TO 2 HOSES)	8	HL-77 PUMP PACKAGE, INCLUDES (4) DIGIT CABINET DISPENSER, SHELF, PULSE OUTPUT & PUMP	13	HTLP 1.5 LIQUID ONLY LEAK SENSOR W 15' OF CABLE
4	MAGNETOSTRICTIVE LEVEL SENSOR	9	HOSE REEL W/ 1" x 25' HOSE & 1" AUTOMATIC NOZZLE W/ GREEN COVER (DIESEL)	14	HTSC-2B NEMA 4 CAP FOR LEAK SENSOR
5	CLOCK GAUGE W/ STANDARD FLOAT - 2" (#818) *CALIBRATE BEFORE SHIPPING*				
6	2" AST OVERFILL PREVENTION VALVE - 2" FM THRD x 2" FM THRD CONN (NO DROP TUBE)	10	EXPLOSION PROOF (NEMA 7) JUNCTION BOX W/ TERMINAL STRIP FOR ON SITE CONNECTION		

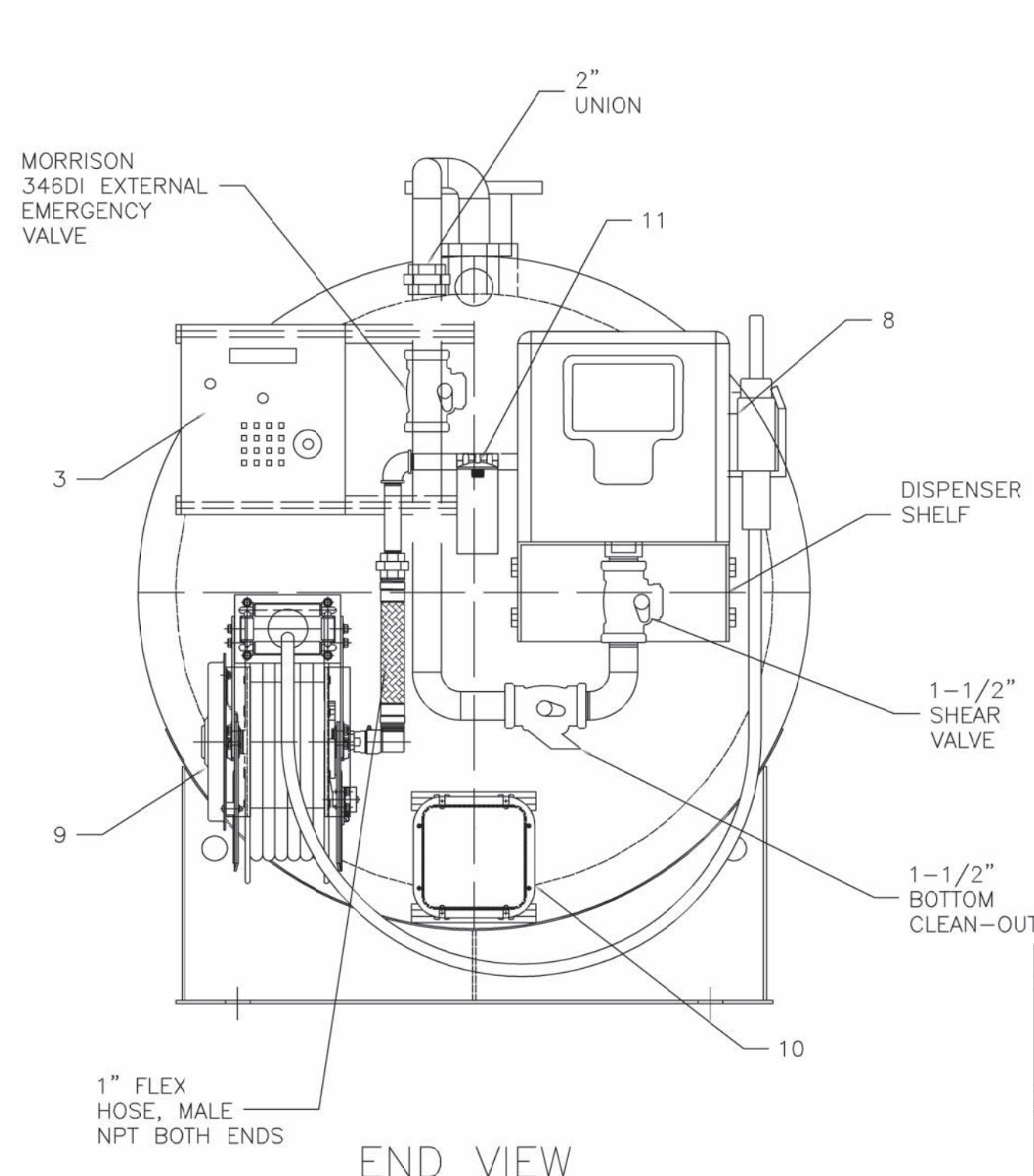


PACKAGE INCLUDES:

- (4) "DANGER DIESEL FUEL" - 10" X 14" VINYL ADHESIVE WARNING SIGN
- (4) "DANGER NO SMOKING" - 10" X 14" VINYL ADHESIVE WARNING SIGN
- (4) "COMBUSTIBLE" - 6" X 14" RED LETTERING
- (4) VINYL ADHESIVE PLACARD (DIESEL/FLAMMABLE HEATING OIL) CLASS 3



SHEET 4 OF 4
SHEET 1 TANK DETAILS
SHEET 2 ASS'Y DRAWING
SHEET 3 PIPING DETAILS.
SHEET 4 EQUIPMENT END VIEW



END VIEW



CONSULTANTS:

[illegible]

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."			
DESIGNED BY: JRM	DRAWN BY: KJE	CHECKED BY:	REVIEWED BY:
PROJECT No.: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

CLIENT

VAILS GATE FIRE DISTRICT



872 Blooming Grove Turnpike
New Windsor, NY 12553

CONTRACT	CONTRACT G GENERAL CONSTRUCTION
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STATUS	FINAL BID DOCUMENT
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DIESEL FUEL TANK DETAILS

DRAWING No. **P 501.00**

