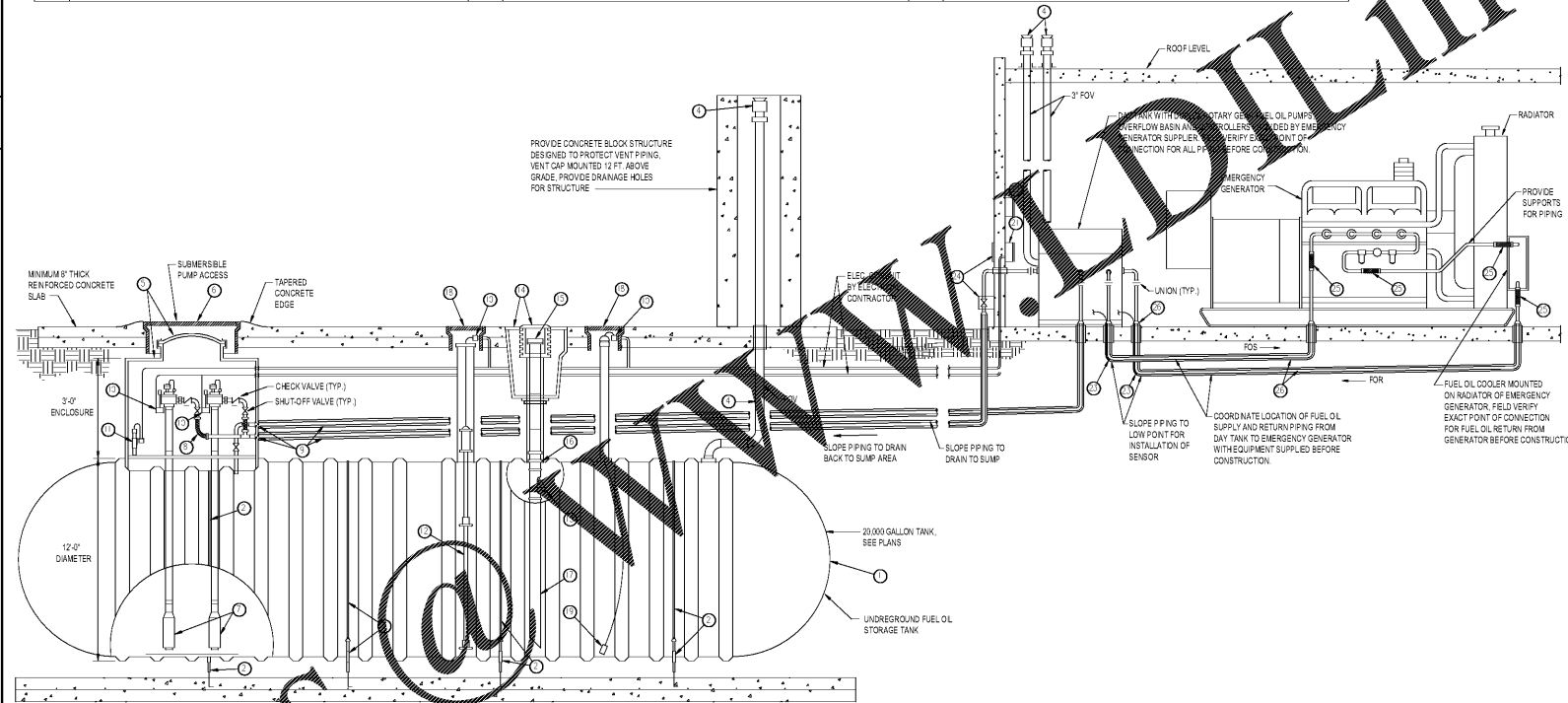


**NOT FOR
CONSTRUCTION**

No.	Description	Date
1	ED - GMP	2019-07-03

FUEL TANK AND PIPING LEGEND			
MARK	DESCRIPTION	MARK	DESCRIPTION
1	25,000 GALLON DOUBLE WALL FIBERGLASS UNDERGROUND FUEL OIL STORAGE TANK EQUAL TO XEROXES MODEL DWT-14-25,000. TANK SHALL BE IN COMPLIANCE WITH NFPA 30 AND UL LISTED FOR SERVICE WITH FUEL OIL. PROVIDE 10 YEAR WARRANTY.	2	EXPLOSION PROOF JUNCTION BOX WITH SEAL-OFFS.
2	FIBERGLASS REINFORCED HOLD-DOWN STRAP WITH STAINLESS STEEL TURNBUCKLES CONNECTED TO ANCHORS IN CONCRETE SLAB (OR DEAD MAN). ADEQUATE STRAPS SHALL BE PROVIDED BY TANK MANUFACTURER. ALONG WITH APPROPRIATE CONCRETE SLAB OR DEAD MAN TO RESIST FLUTATION. PROVIDE SIGNED AND SEALED DRAWINGS AND CALCULATIONS BY A REGISTERED ENGINEER IN THE STATE OF FLORIDA.	3	3/8" VALVE WILL CLOSE FILL LINE AT TANK CAPACITY OF 90%. EQUAL TO OPW-4150.
3	REINFORCED CONCRETE SLAB (OR DEADMAN) TO PREVENT FLUTATION OF TANK. COORDINATE EXACT SIZE AND THICKNESS WITH TANK MANUFACTURER.	4	OVERFILL PREVENTION VALVE WHICH REDUCES FLOW INTO TANK AT 5 GPM AT TANK CAPACITY OF 90%. VALVE WILL CLOSE FILL LINE AT TANK CAPACITY OF 90%. EQUAL TO OPW-4150.
4	3" DIAMETER FUEL OIL VENT (FOV) LINE TO LOCATION INDICATED ON DRAWINGS. PROVIDE VENT CAP EQUAL TO OPW-23.	5	SECONDARY CONTAINMENT SPILL BUCKET DESIGNED TO REPLACE 5 GALLON SPILL CONTAINER PROVIDED WITH ASSEMBLY TO INCLUDE HEAVY DUTY CAST IRON COVER, FILL TO OPEN DRAIN VALVE TO DRAIN PRODUCT IN CONTAINER TO STORAGE TANK. MONITORING PORT TO PROVIDE ACCESS TO MINI-SUMP. BASE TO BE COATED CAST IRON EQUAL TO OPW 700L SERIES SUPERBUCKET.
5	48" INCH DIAMETER FIBERGLASS TURBINE ENCLOSURE MOUNTED ON TOP OF SECONDARY CONTAINMENT COLLAR. WITH ATTACHED 28" INCH DIAMETER COLLAR RIBBER AND WATER TIGHT LEVER LOCK L.D. EQUAL TO XEROXES MODEL 510523.	6	TOP SEAL ADAPTOR AND LOCKING FILL CAP EQUAL TO OPW 633T-7995/OPW 634TT-7386.
6	36" INCH DIAMETER HEAVY DUTY WATER TIGHT MANHOLE WITH BUNAN GASKET AND BOLT DOWN COVER EQUAL TO FOMECO MODEL 110-36.	7	EXTRACTOR ASSEMBLY EQUAL TO OPW-223E.
7	DUPLEX SUBMERSIBLE PUMP DESIGNED TO PUMP FUEL OIL 10 GPM @ 75 FT. HEAD FUEL OIL EQUAL TO FE PETRO MODEL 87P-10 HP-STAGE ELECTRICAL CHARACTERISTICS 208V-1PH. MOUNT PUMP INLET 5 INCHES ABOVE BOTTOM OF TANK.	8	4" INCH DIAMETER DROP TUBE WITH 45° ANGLE BOTTOM EQUAL TO OPW-61T.
8	1-1/2" INCH DIAMETER DISCHARGE WITH MANUAL SHUT-OFF VALVE. PRESSURE RELIEF CHECK VALVE AND BRADED STEEL FLEXIBLE HOSE.	9	12" INCH DIAMETER MAN-HOLE ASSEMBLY WITH HEAVY DUTY CAST IRON COVER EQUAL TO OPW-10AA.
9	2" INCH FUEL OIL SUPPLY (FOS) AND 2" INCH FUEL OIL RETURN (FOR) DOUBLE WALL FLEXIBLE PRIMARY PIPE WITH NYNAR PIGF INNER AND OUTER LAYERS WITH FULL BONDED CONSTRUCTION. PIPING SYSTEM SHALL MEET UL 971 STANDARDS DESIGNED FOR FUEL OIL SYSTEMS WITH COMPATIBLE SUMP ENTRY FITTINGS AND CORROLATED ACCESS PIPE EQUAL TO OPW PIPES DOUBLE WALL PIPE. SLOPE PIPING TO DRAIN INTO SEALED TURBINE ENCLOSURE.	10	FLOAT SWITCH SENSOR MOUNTED IN INTERSTITIAL SPACE OF DOUBLE WALL FIBERGLASS TANK. EQUAL TO VEEDER-ROOT MODEL 748.
		11	4" INCH DIAMETER FILL PIPE SCHEDULE 40 BLACK STEEL WITH 8-INCH FIBERGLASS SECONDARY CONTAINMENT PIPING EQUAL TO AMERON DUALOY 3090L.
		12	ELECTRONIC TANK GAUGING AND LEAK DETECTION CONTROL PANEL EQUAL TO VEEDER-ROOT MODEL TLS-550.
		13	SUBMERSIBLE PUMP CONTROL BOX WITH MOTOR STARTER, OVERLOAD PROTECTION AND PLOT LIGHTS EQUAL TO FE PETRO SMART CONTROLLER. ONE REQUIRED FOR EACH PUMP.



11 FUEL OIL STORAGE TANK
No Scale

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Order Plans

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