

PARTS LEGEND

<p>SECTION 100 – UNDERGROUND TANKS</p> <p>101 – 20,000 GALLON COMPARTMENTAL(126" DIA. X 38'-2 3/4") DOUBLE-WALL FIBERGLASS UNDERGROUND GASOLINE STORAGE TANK (CONTAINMENT SOLUTIONS) 12,000 / 8,000 SPLIT WITH 42" SUMP RISER MODEL #SW-PTE-WT-42</p> <p>102 – 10 GA. STEEL WEAR PLATE</p> <p>103 – CONTAINMENT SOLUTIONS PRECAST CONCRETE DEADMEN</p> <p>104 – HOLD DOWN STRAPS BY TANK MANUFACTURER.</p> <p>105 – 3/4" GALVANIZED TURNBUCKLE ASSEMBLY W/ HOOK ENDS. (TB-3418)</p> <p>106 – HOLD DOWN STRAPS BY TANK MANUFACTURER</p> <p>107 – 8" THICK CONC. PAD W/ 6 X 6 10/10 WIRE REINFORCEMENT. (H-20 LOADING)</p> <p>108 – #5 REBARS @ 8" O.C.E.W. (TYP.)</p> <p>109 – PEA GRAVEL BACKFILL AROUND TANKS TO EXTEND 12" BELOW BOTTOM OF TANKS (TYP.) MUST HAVE MIN. DIA. OF 1/8" AND MAX. DIA. OF 3/4" (PER CONTAINMENT SOLUTIONS GUIDELINES)</p> <p>110 – 1" THICK COMPRESSIBLE FOAM BOARD (TYP.)</p> <p>111 – 4" SLOTTED P.V.C. PIPE OBSERVATION WELL. CAP EACH OBSERVATION WELL c/w LOCKING GRIPPER CAP. MINIMUM OF 2 WELLS TO BE INSTALLED (OPPOSITE CORNERS). INSTALL ADDITIONAL WELLS IF REQUIRED BY LOCAL CODE.</p>	<p>SECTION 400 – VEEDER ROOT EQUIPMENT</p> <p>401 – 305XPA-1200AK MORRISON BROTHERS ATG PROBE 4" ALUMINUM CAP AND BRASS ADAPTER W/ 1.2" THREAD PORT HOLE AND CABLE CONNECTION</p> <p>402 – 848290-022 VEEDER ROOT TLS350 PLUS CONSOLE W/ INTEGRAL PRINTER</p> <p>403 – 329356-002 VEEDER ROOT TLS350R / TLS350 PLUS 4 INPUT PROBE INTERFACE MODULE</p> <p>404 – 329358-001 VEEDER ROOT TLS350R / TLS350 PLUS 8 INPUT INTERSTITIAL/LIQUID SENSOR INTERFACE MODULE</p> <p>405 – 794380-208 VEEDER ROOT PIPING SUMP SENSOR W/ 12' CABLE</p> <p>406 – 794380-303 VEEDER ROOT DUAL FLOAT HYDROSTATIC SENSOR</p> <p>407 – 330020-012 VEEDER ROOT UNIVERSAL SENSOR MOUNTING KIT</p> <p>408 – 846390-110 VEEDER ROOT 10'6" 0.1-GPH MAG PLUS PROBE</p> <p>408a – 846390-107 VEEDER ROOT 8' 0.1-GPH MAG PLUS PROBE</p> <p>409 – 886100-000 VEEDER ROOT 4" PHASE SEPARATION DETECTING FLOAT KIT W/ 5' CABLE</p> <p>410 – 846400-001 VEEDER ROOT DIESEL MAG PLUS PROBE INSTALLATION KIT W/ 5' CABLE AND 4" FLOAT</p> <p>411 – 330010-425 VEEDER ROOT TLS350R / TLS350 PLUS ETHERNET TCP/IP COMMUNICATIONS INTERFACE MODULE</p> <p>412 – 847490-001 VEEDER ROOT INTERFACE MODULE EXPANSION BOARD</p> <p>413 – OMNI-G11802 OMNI 18/2 GREY 2-CONDUCTOR WIRE – 1000' REEL – (COMMUNICATIONS)</p> <p>414 – 848480 VEEDER ROOT (PLLD) W/O SWIFTCHEK</p> <p>415 – 330160-060 VEEDER ROOT (PLLD) LINE LEAK DETECTOR RISK MANAGEMENT SEM</p> <p>416 – 330893-061 VEEDER ROOT 6 INPUT PRESSURE LEAK DETECTOR MODULE</p> <p>417 – 847490-001 VEEDER ROOT INTERFACE MOULE EXPANSION BOARD</p>	<p>SECTION 800 – BRAVO BOXES</p> <p>801 – 7252-SOLID-E0-CF-13-NV BRAVO 7000 SERIES WAYNE OVATION NON VAC B12 FIBERGLASS DISPENSER SUMP W/ INTERCHANGEABLE ELECTRIC OFFSET FRAME, (2) FACTORY INSTALLED PRODUCT SHEAR VALVE STABILIZER BRACKETS, AND (2) F-32-TS 3x2 BONDED ENTRY FITTING FACTORY INSTALLED</p> <p>802 – 7253-SOLID-E0-CF-13-NV BRAVO 7000 SERIES WAYNE OVATION NON VAC B23 FIBERGLASS DISPENSER SUMP W/ INTERCHANGEABLE ELECTRIC OFFSET FRAME, (3) FACTORY INSTALLED PRODUCT SHEAR VALVE STABILIZER BRACKETS, AND (3) F-32-TS 3x2 BONDED ENTRY FITTING FACTORY INSTALLED</p> <p>803 – N/A</p> <p>804 – N/A</p> <p>805 – N/A</p> <p>806 – FSMS120150 HOSE MASTER FIRE-SHIELD 1.5" X 12" BRAIDED STAINLESS STEEL FLEX CONNECTOR COUPLED 1.5" MALE X 1.5" MALE SWIVEL</p>
<p>SECTION 200 – ISLANDS & BOLLARDS</p> <p>201a – MATCH EXISTING ISLAND SIZE (4' X 10') RIVERSIDE STEEL 4"W X 10"L X 9"H STAINLESS STEEL ISLAND FORM W/6" RADIUS CORNERS</p> <p>201 – RIVERSIDE STEEL 3"W X 12"L X 9"H STAINLESS STEEL ISLAND FORM W/6" RADIUS CORNERS</p> <p>202 – 1983-403656 UNIVERSAL 4"OD DIA X 36"W X 56"H U-SHAPED PIPE BOLLARD</p>	<p>SECTION 500 – SUBMERSIBLE PUMPS & COMPONENTS</p> <p>501 – 400834901 FE PETRO STP-VS2-VL2 2HP VARIABLE SPEED AND LENGTH SUBMERGED TURBINE PUMP – RANGE 88" – 150"</p> <p>502 – 4X15SGNRC 4" X 15" BLACK NIPPLE – REAM AND CHAMFER</p> <p>503 – 5874202800 FE PETRO NEW STYLE MAG VFC VER 1.22 CONTROLLER – WITH VERSION 1.22 SOFTWARE</p> <p>504 – 402010901 FE PETRO STPR-150-VL2-00 1.5HP FIXED SPEED, FIXED LENGTH SUBMERGED TURBINE PUMP RANGE 91"-152"</p> <p>505 – N/A</p> <p>506 – 5800300100 FE PETRO STP-DHI 120 VAC ISOLATION RELAY</p> <p>507 – 400137937 FE PETRO A/G COMPATIBLE SYPHON CHECK VALVE ASSEMBLY</p> <p>508 – 184-2500MB MORRISON BROTHERS 4" X 2" X 2" CAST IRON DOUBLE TAP BUSHING</p> <p>509 – 402860901 STPR-VS4-VL2 FE PETRO 4HP VARIABLE SPEED AND LENGTH SUBMERGED TURBINE PUMP – RANGE 88" – 150"</p> <p>510 – 2" GALV. PIPE FOR SIPHON STUBS</p>	<p>SECTION 900 – GENERAL</p>
<p>SECTION 300 – TANK TOP EQUIPMENT</p> <p>301 – 65-8012-WC UNIVERSAL 8" ROUND LIMITED ACCESS MONITOR WELL MANHOLE</p> <p>302 – A0716-018C EMCO WHEATON 18" COMPOSITE CAM-LOCK MANHOLE W/ 12" SKIRT</p> <p>303 – A0716-0044C EMCO WHEATON 44" COMPOSITE MANHOLE, 10" SKIRT, CAMLOCK</p> <p>304 – N/A</p> <p>305 – N/A</p> <p>306 – A1004EVR-317G EMCO WHEATON 5 GALLON DOUBLE WALL, NPT, NO DRAIN, CAST IRON COVER MANHOLE PHASE I EVR APPROVED</p> <p>307 – N/A</p> <p>308 – N/A</p> <p>309 – FSMS120200 HOSE MASTER FIRE-SHIELD 2" X 12" BRAIDED STAINLESS STEEL FLEX CONNECTOR COUPLED MALE X MALE SWIVEL</p> <p>310 – C/T38 X 50 F.W. WEBB 3/8" X 50' COPPER TUBING</p> <p>311 – A1100EVR-056 EMCO WHEATON 4" 2-POINT CARB APPROVED ENHANCED OVERFILL PREVENTION VALVE, PHASE I EVR APPROVED W/89" EXTENDED LENGTH UPPER TUBE AND 104" EXTENDED LENGTH LOWER TUBE</p> <p>312 – 662-440-03 EBW 1.5" DOUBLE POPPET MALE TOP EMERGENCY SHEAR VALVE (REPLACES 662-440-06)</p> <p>313 – A0030-124S EMCO WHEATON 4" BRASS SWIVEL FILL ADAPTER (4 3/8" HIGH)</p> <p>314 – 634TT-7085-EVR OPW 4" ENHANCED TOP SEAL FUEL CAP</p> <p>315 – A0076-124S EMCO WHEATON 4" BRASS VAPOR SWIVEL ADAPTER (4.8" HIGH)</p> <p>316 – 1711T-7085-EVR OPW 3" ENHANCED VAPOR RECOVERY VAPOR TOP SEAL CAP</p> <p>317 – 233-4420 OPW 4" X 2" EXTRACTOR FITTING W/O CAGE</p> <p>318 – 233-4430 OPW 4" X 3" EXTRACTOR FITTING W/O CAGE</p> <p>319 – A1004EVR-216SJ EMCO WHEATON 15 GALLON DOUBLE WALL SPILL CONTAINER PHASE I EVR APPROVED (ME & VT ONLY)</p> <p>320 – 005885 HUSKY 2" EVR PRESSURE VAC VENT W/2.5" TO 6" WATER COLUMN PRESSURE/6" TO 10" WATER COLUMN VACUUM (REQUIRES OPW 3" THREAD ON ADAPTOR 623A-1003)</p> <p>321 – 23-0033 OPW 2" ALUMINUM TANK VENT-ATMOSPHERIC</p> <p>322 – 116-7085 OPW 4" DURATUFF PIPE CAP</p> <p>323 – COM38 X 14MUN F.W. WEBB 3/8" COMPRESSION X 1/4" MALE NPT BRASS FITTING</p> <p>324 – SA2009101 BOSTON METALS 2" BALL VALVE</p>	<p>SECTION 600 – ENTRY BOOTS & TEST REDUCERS</p> <p>601 – B-33-D BRAVO 3" DOUBLE SIDED ENTRY BOOT W/COATED STAINLESS STEEL CLAMPS</p> <p>602 – B-17-D BRAVO 3/4" OR 1" DOUBLE ENTRY BOOT W/ COATED STAINLESS STEEL CLAMPS</p> <p>603 – TBA-3020 OPW FLEXWORKS 3" X 2" TEST BOOTS W/ AIR STEM</p>	<p>SECTION 700 – AO SMITH PIPE & FITTINGS</p> <p>701 – 011020-069-1 AO SMITH 2" X 15' FIBERGLASS PIPE</p> <p>702 – 012020-360-4 AO SMITH 2" 90 DEGREE ELBOW</p> <p>703 – 012020-310-4 AO SMITH 2" 45 DEGREE ELBOW</p> <p>704 – 012020-191-4 AO SMITH 2" BELL X MALE ADAPTER</p> <p>705 – 012020-194-4 AO SMITH 2" BELL X FEMALE ADAPTER</p> <p>706 – 012020-410-4 AO SMITH 2" TEE FIBERGLASS</p> <p>707 – 012020-101-8 AO SMITH 2" SLEEVE COUPLING</p> <p>708 – 011030-069-1 AO SMITH 3" X 15' FIBERGLASS PIPE</p> <p>709 – 012030-360-4 AO SMITH 3" 90 DEGREE ELBOW</p> <p>710 – 012030-310-4 AO SMITH 3" 45 DEGREE ELBOW</p> <p>711 – 012030-191-4 AO SMITH 3" BELL X MALE ADAPTER</p> <p>712 – 012030-194-4 AO SMITH 3" BELL X FEMALE ADAPTER</p> <p>713 – 012030-410-4 AO SMITH 3" TEE FIBERGLASS</p> <p>714 – 012030-101-8 AO SMITH 3" SLEEVE COUPLING</p> <p>715 – 012030-231-4 AO SMITH 3" X 2" REDUCER COUPLING</p> <p>716 – 012030-410-3 AO SMITH 3" TEE – SECONDARY CONTAINMENT</p> <p>717 – 120030-101-3 AO SMITH 3" COUPLING – SECONDARY CONTAINMENT</p> <p>718 – 012030-310-3 AO SMITH 3" 45 DEGREE ELBOW – SECONDARY CONTAINMENT</p> <p>719 – 012030-360-3 AO SMITH 3" 90 DEGREE ELBOW – SECONDARY CONTAINMENT</p> <p>720 – 012020-231-4 AO SMITH 2" X 1.5" FEMALE NPT REDUCER BUSHING</p>



MHF Design Consultants, Inc.
 44 Stiles Road, Suite One
 Salem, New Hampshire 03079
 (603) 895-0720
 ENGINEERS • PLANNERS SURVEYORS
 www.mhfdesign.com

REVISIONS			
NO.	DATE	REV. BY.	DESCRIPTION

512 WOODFORD STREET
PORTLAND, ME

FUEL GUIDELINE DRAWING SHEET NO. 1

DOUBLE WALL FIBERGLASS TANK INSTALLATION FOR:
TWO (2) 20,000 (12/8 SPLIT) GALLON TANKS

<p style="text-align: center;">21,521 SQUARE FEET .494 ACRES V #1614 Store #5613 Gas Station #1848</p>	<p style="text-align: center;">SCALE: 1" = 10' DATE: JAN. 21, 2014 FILE: 3403 CFG14.1 DRAWN BY: HS</p>
<p>Cumberland FARMS 100 Crossing Boulevard Frammingham, MA 01702</p>	
<p>MATERIAL LIST CFG14.1</p>	