Order Plans @ WWW.LDILine.com

General Notes
1. Petroleum Contractor shall furnish all items with the exception of the items "Furnished by Wawa".

2. Contractor shall complete and furnish all documentation as required by the Wawa representative at the time of the punch list inspection.

3. Operation is to be 24 hours, 7 days a week, attended in accordance with NFPA 30A, Chapter 4 & Chapter 9.

4. Interior E-stops at cashier positions are detailed on Building Electrical plans, in addition to exterior E-stops shown on these plans.

5. Wawa to provide the required labels & warnings detailed in NFPA 30A-5.2 & 9-5.3.

6. Contractor must use only manufacturer approved tools for installation of all piping & dispenser sumps. No use of hax saws, hand saws, Sawzall, utility knives, etc. will be allowed.

7. The Petroleum Contractor will furnish and install seal off fittings for the conduit at the canopy columns for connection by the General Contractor. The Petroleum Contractor will epoxy plug all seal off fittings as required in the electrical room, at the dispensers, and canopy columns.

8. Petroleum Contractor will receive all Wawa supplied equipment & will be responsible for any damage not identified to Wawa upon delivery. Petroleum Contractor to notify Wawa Project Manager within 72 hours of receiving equipment.

9. The Petroleum Contractor will be contracted to complete all tank installation, petroleum underground piping, backfill, stone subbase, fine grading & all electrical conduit rough in associated with the pump and tank within time period determined by the Wawa Project Manager. Concrete pour (for the tank area, pump islands, and canopy areas), dispenser installation & wiring will be scheduled during project with Wawa Project Manager.

10. The General Contractor will layout tank pad, canopy pad & footer locations, excavate, form & pour footings for steel canopy, install canopy drain laterals from canopy columns to storm sewer laterals, install hose bibs at canopy area.

11. All manhole openings on the tank slab shall be installed with a 2" x 18" run crown of concrete to prevent water intrusion into the manhole.

12. All curbing surrounding tank slab shall be poured monolithic in conjunction with tank slab.

Installation
All work to be coordinated with Wawa Project Manager, General Contractor & Sub-contractors (including coordination of electrical conduit runs to the canopy & tank pads with the General Contractor).

All installation activities to be performed in strict accordance with PEI: "Recommended Practices for Installation of Underground Liquid Storage Systems", PEI/RP100-05, PEI "Recommended Practices for Installations & Testing of Vapor Systems", PEI-RP300-04 or most current PEI versions, manufactures installation manuals for all products, state & local code & the specifications & notes contained in these drawings.

Any discrepancy between these sources shall be identified & brought to attention of Wawa's representative before activity is performed for resolution.

Contractor is responsible for all local permits. Contact Wawa representative to verify that all required permits have been obtained. Contractor portions of registrations for state agencies shall be completed & given to Wawa's representative upon completion.

Excavation
All excavation to be sized to provide minimum bedding clearance & depth of burials a shown. (54" minimum from finish grade to top of tank)

Contractor to adhere to all OSHA standards for excavations. All excavations greater that 4 feet in depth are to be shored in accordance with OSHA standard (29CRR 1926.650-652). Fall Protection to be provided around tank excavation at all times in accordance w/applicable OSHA regulations.

Prior to backfill & tank installation, filter fabric shall be installed in accordance with applicable methods. Filter fabric is determined by site specific requirements & use shall be determined by Wawa Petroleum Dept.

Tanks
Tanks will be provided by Wawa & delivered to the site by the manufacturer. Contractor is responsible for scheduling delivery via Wawa's representative, unloading & inspection of tanks. Any problems encountered should immediately be disclosed to the Wawa representative & Wawa Fuel Equipment Department before activity is performed for resolution.

All tank handling & installation is to be in strict accordance with manufacturer's "Installation Manual & Operating Guidelines". All checklists including shipping documents are to be completed & provided to Wawa's representative. Wawa requires the use of a crane for all tank handling activities.

Tanks shall be installed with zero slope, dead level, with fills towards curb side or as directed by Wawa's representative.

All manway bolts to be securely fastened prior to sump installation.

All brine levels to be adjusted to 7 1/2" after tanks have been secured with hold down water.

Tanks shall be installed, backfilled to top of tank & filled with water ballast the day they are delivered. Deviation from this process must be authorized by Wawa's representative. Scheduling is imperative to meet the process.

Tanks shall be U.L. listed (UL-1316) as called for on the site specific drawing & shall be fiberglass reinforced plastic (frp) double wall tanks. Installation of tanks & piping shall be in accordance with the latest edition of the installation manual's as provided the manufacturer. Prior to testing, the gasoline contractor shall verify manway bolt tightness. Verify bolts are set per manufacturer's torque settings & adjust as necessary.

Backfill:
Wawa recommends that all back fill is to be Pea Gravel, naturally rounded aggregate nominal 1/4" (1/8" min., 3/4" max.) in size. Pea Gravel is to be washed, free flowing, free of ice, snow and debris & conform to ASTM C-33 par. 9.1, size numbers 6 through 8 of Table 2.

When Pea Gravel is not readily available crushed stone may be used. The material is to be a mix of angular particles, sizes between 1/8" and 1/2", and no more than 5% (by weight) of the material may pass through a #8 sieve.

The Contractor will provide Wawa's representative certification from the supplier that the material conforms to ASTM C-33 & any other applicable specification.

Disposal of Excavated Material
All excavated material is to be treated as clean back fill, removed & disposed by contractor.

Wawa's representative must be notified immediately if any contaminated materials are encountered or suspected.

In the event contaminated material is encountered, such material is to be segregated by contractor & will be transported & disposed by third party.

Contractor will provide loading & credit given to Wawa for transportation & disposal.

Excavation Dewatering
Wawa will provide soils & groundwater data for site to determine if dewatering is necessary.

Contractor shall be responsible for installation of all dewatering equipment, if necessary, & shall furnish pumps with appropriate dewatering rates for use in & around the excavation to maintain as dry an excavation as possible.

Contractor shall be responsible for any required permits to discharge water to the closest available source.

In the event that these measures are not sufficient to control the dewatering, Wawa's representative shall be notified & Wawa shall secure third party services to assist in dewatering.

Contractor is responsible for continuous monitoring of ground water until facility is open.

Testing
Final precision testing of tanks, lines will be performed for Wawa by third party. All other testing is to be performed by contractor & witnessed by Wawa's on site representative.

All testing shall be performed in accordance with manufacturer instructions.

Contractor shall perform air test on tanks at time of delivery. Use 3 - 5 psi for a minimum of 60 minutes.

Primary piping to be air tested at 50 psi for a minimum of 60 minutes while soaping joints. (Do not exceed 60psi max)

Secondary testing to be performed at no more than 5 psi for a minimum of 60 minutes.

Air testing must remain in place on all piping (primary & secondary), with appropriate gauges until dispensers are set in place. Gauge reading needs to be documented that air test is good prior to dispenser set process. Upon completion of dispenser set process, an additional air test must be performed again on all piping until product is delivered & purge process begins.

All sumps, including tank, spill bucket and dispenser to be hydrostactically tested in accordance with Federal, state & local regulations. At a minimum all sumps should be tested with water to a level 6" above highest joint or penetration for a minimum of 8 hours and verified liquid tight by the installing contractor. Initial & ending water level measurements to be observed by a Wawa representative. Failure to perform this test will result in a retest & subsequent repairs at contractors expense.

All tests shall be recorded and given to Wawa's representative and included in the closeout documentation.

Hold Down Product
Water is to be used as hold down. Water is to be clean, free of debris & particles.

Contractor is responsible for securing and disposing of water. Tanks are to be filled to min. 90% capacity.

Prior to removing water contractor is to provide 72-hour notice to Wawa's representative. Wawa will make arrangements for delivery of product to replace water; all measurable levels of water shall be removed prior to replacing with gasoline. Verification of water removal shall be given to Wawa's representative.

Water should remain in tanks until all petroleum work is completed & tank mat is installed.

Conduit Requirements:
See E 1 to E 5; Verify with building/canopy drawings by architect.
NOTE: Conduits to be stubbed to edge of canopy and tank pads by general contractor, petroleum contractor responsible for balance.
- (1) 1" GRC to each canopy column for spare. (column closest to store)
- (1) 1" GRC to each canopy column for lighting. (column furthest from store)
- (3) 3/4" GRC to each dispenser. (1 power, 1 data, 1 intercom/Muzak)
- (1) 3/4" GRC to each dispenser. (Sump sensor)
- (1) 3/4" GRC to each interstitial reservoir. (Sump sensor)
- (2) 1" GRC to each STP tank containment unit. (1 power, 1 spare)
- (1) 3/4" GRC to each STP tank containment unit. (Sump sensor/ Tank level magnostrictive probe)
- (1) 3/4" GRC to each multi-port containment unit. (Sump sensor)
- (2) 1" GRC to vent stack for overfill alarm & pressure device power.

Anchoring
All tanks are to be anchored as shown on drawings. Deadmen may be field constructed or prefab as available from tank manufacturer.

Contractor to use reinforced precast concrete deadmen, length typically equal to the length of the tank, with anchor bolts to correspond with straps.

All tank straps must be provided by tank manufacturer & installed in strict accordance with manufacturer instructions & spaced as directed.

Connect anchor to straps with 3/4" forged steel turnbuckles. All exposed turnbuckles & anchor bolts must be wrapped & coated with Fitchmastic & protected with 18 lb. anodes per tank side.

Wire rope may not be used.

Piping
Product piping is to be 2" dia. APT XP Series in ducting. All runs are to be continuous, all joints are to be made in dispenser containment units & tank sumps only. A separate ball valve is required for each piping run. Piping connections to submersible pump to be 2" galvanized or approved stainless steel flex line.

All entry boots & fittings are to be APT product only. Risers & fitting to shear valves are to be UL listed stainless steel flexible connectors.

Pipe Testing
Testing of the secondary containment piping is required. The containment termination fitting in the sump is to be installed with the valve turned down. After testing, the valve is to be opened to allow drainage of the secondary piping to the sump monitor probe.

| STEEL FITTINGS | DIMENSIONS | MATERIAL | THREAD | |
|---|---|---|---|---|
| Steel Pipe Nipples Class 150/PN 20 | ASTM A 733 | ASTM A 53 (F & E) | ASME B1 20.1 | ASME B1 16.3 |
| Steel Pipe Nipples Class 150/PN 20 Schedule 40 | N/A | ASTM A 53 (F & E) | ASME B1 20.1 | SAME B1 16.3 |

U.G Conduit
All U.G. conduit shall be rigid galvanized steel. Conduit minimum bury depth is 24" per code. All junction boxes shall be class 1 div. 2 rated. All electrical conduit in sump shall include a seal-off entering & leaving, which shall be installed 6" min. above highest penetration in sump. Dispenser conduits to be installed through metal sump top conduit knockouts.

Sump Penetrations
All penetrations of the tank sumps shall be sealed with double bulkhead fittings & not to exceed 15% angle in any direction to ensure the proper installation of all bulkhead compression fittings & resultant of water tightness.

Gilbarco Dispenser Installation
Contractor shall install all dispensers in accordance with most current manufacturer installation practices. Strict adherence to installation guidelines should be followed at all times.

Dispenser DATA communication wiring shall be installed in separate conduit & shall be twisted pair, minimum 18 gouge, color coded for data & CRIND wiring, 150 rated 600 volts, oil & gas resistant. Wiring shall be home run from dispenser to universal distribution box (D-Box) with no splicing. (See chart below)

The dispenser communication DATA/FUEL loop shall be wired in a manner that will allow for dispensers to be split equally on each distribution board in the Fuel loop D-box.

The dispenser communication CRIND loop shall be wired in a manner that will allow for dispensers to be on one (1) distribution board in the CRIND loop D-Box.

Dispenser power wiring shall be run in separate conduit & shall be 12 AWG with home runs from the dispenser to the breaker panel or isolation relay. Two (2) Spare wires of different color to be run also, terminating in J-box & trough in electrical room.

GILBARCO DISPENSER WIRE COLOR REFERENCE

| NO. | COLOR | MIN. AWG | USE | |
|---|---|---|---|---|
| 1 | BLACK | 12 | HOT TO A-[illegible] | |
| 2 | WHITE | 12 | NEUTRAL TO A-13 | |
| 3 | GREEN | 10 | GROUND TO [illegible] | |
| 4 | RED | 12 | TO PREMIUM STP | |
| 5 | BLUE | 12 | TO [illegible] | |
| 6 | YELLOW | [illegible] | SPARE | |
| 7 | BROWN | 12 | SPARE | |
| 8 | BLACK | 18 | TO A-[illegible] (PUMP 2 WIRE IN (+)) | TWISTED PAIR, NON-INSULATED, NON SHIELDED |
| 9 | RED | 18 | TO A-19 (PUMP 2-WIRE OUT (-)) | |
| 10 | PURPLE | 18 | TO B-9 (CRIND 2 WIRE IN (+)) | TWISTED PAIR, NON-INSULATED, NONSHIELDED |
| 11 | YELLOW | 18 | TO B-19 (CRIND 2-WIRE OUT (-)) | |

Incon Tank Gauge Installation
All Automatic Tank Gauge (ATG) Installation & wiring to be performed in full accordance manufacturer's installation manuals. Contractor & electrical contractor performing ATG installation must have manufacturer installation certification. All probe and sensor wiring splices shall use manufacturer supplied splice kits & contained in a Class 1 electrical junction box.

All probe and sensor wiring must be 18AWG min shielded 'Belden' cable or equivalent.

Specific attention must be given to Manufacturer grounding requirements (#12 AWG conductor, buried ground to earth ground bus at power distribution panel).

Installation includes Overfill Alarm and acknowledgements switch on vent riser. Overfill should be wired to Relay Output 1 located the Power Supply Module.

Positive shut down of submersible controllers must be wired via the automatic tank gauge (ATG) Turbine Pump Interface (TPI) port. It is the petroleum installation contractor's responsibility to run appropriate data cabling to properly shut off all STP's in an individual manner as controlled by the ATG. Except for the Unleaded STP's, each STP should have a home run wiring from the specified STP controller isolation relay box (STP-DHI) to the appropriate STP controller (MAG). Unleaded STP's should have a home run wiring from the isolation relay box to the ATG's AC Input Module (Channel 1). Programming of the ATG will be the responsibility of the local programming/start up contractor selected to service the location. Coordination should be taken between the installation contractor and the programming / start up contractor to insure that proper wiring and programming corresponds to the requirements for positive shutdown process.

Tank Leveling Requirement
Installation and programming required for all compartmentalized UST sites. Wiring to be added to all sites regardless of tank style and layout. Contractor will install one (1) 3-conductor "loop" data shielded cable from ATG console Communication Port (RS-485) to the corresponding MAG-VFC's TPI ports as shown.

Sump sensors
Sensors to be mounted at side of tank where product penetration into sump is made & below lowest penetration fitting within sump area. Mount sensor flush to lowest point in sump bottom. All tank sump sensors shall be discriminating for the presence of hydrocarbons.

Equipment Start-Up/ Purging & Calibration

Contractor shall notify Wawa representative 72 hours prior to equipment startup. Dispenser, tank monitor & submersible pump commissioning to be performed by service vender as selected by Wawa. Permanent electrical service to store must be installed prior to equipment startup. EVO to be operational upon gas entering the tanks.

Upon completion of equipment commissioning by service vendor, Contractor shall purge all dispensing equipment in accordance with manufacturers' standard practices. Wawa requires a minimum of 150 gallons be purged from each meter after air is removed from product lines.

Purging of air from the product lines shall be accomplished using the product piping shear valve. Product shall be purged until no air is observed; a minimum of 50 gallons per shear valve. Initial purging of air shall NOT be done using the nozzle. Severe damage may occur to dispensing equipment. If damage occurs, Contractor is responsible for all repairs. Refer to manufacturer's instructions for proper purging procedures. Failure to purge from the shear valve will result in fortifeiture of final payment.

Petroleum Contractor shall return to the site to purge & calibrate sumps, & shall return to the site for start up by a third party, as scheduled by the Wawa Project Manager.

Petroleum Contractor to be onsite during all third party testing activities.

The brine level in the tanks shall be verified & adjusted to 6-1/2 at greater than one tank capacity prior to store opening.

Wawa Petroleum Closeout Documentation Needed

The following items are required at the time of completion from all gasoline installation contractors:

1. Tank Installation Checklist & associated delivery bill of ladings.

2. Product Piping Warranty Sheet - completed and signed

3. Tank Registration Application & Permit (if applicable). Please forward to the Wawa Environmental Department two (2) weeks after the installation of USTs.

4. Flammable Liquid Permit (if applicable) L&I in PA, must have signature of final inspection.)

5. Tank and Line Test Results (from Crompco)

6. Weight & Measure Verification (written) & completed calibration Forms.

7. EVO Warranty Registration Form (Provided by Start-up Contractor)

8. Gilbarco Commissioning Checklist (Provided by Start-up Contractor)

9. Pictures of the entire installation process (tanks, piping and completed fuel court)

10. As-built drawings for underground tanks, piping, conduits, and any utilities.

11. Pea gravel certification of ASTM C-33 from store supplier.

Two (2) of each of these items need to be delivered by the petroleum contractor at the time of the gasoline punch list walk. Failure to provide the proper documentation will delay and/ or forfeit final payment.

I.S. MODULES

Probe Module

| Channel | Wires | Assignment |
|---|---|---|
| Chan 12 | -Blk +Red | Blank |
| Chan 11 | -Blk +Red | Blank |
| Chan 10 | -Blk +Red | Blank |
| Chan 9 | -Blk +Red | Blank |
| Chan 8 | -Blk +Red | Blank |
| Chan 7 | -Blk +Red | Blank |
| Chan 6 | -Blk +Red | Blank |
| Chan 5 | -Blk +Red | Unleaded T5 Probe |
| Chan 4 | -Blk +Red | Diesel Probe |
| Chan 3 | -Blk +Red | Unleaded T3 Probe |
| Chan 2 | -Blk +Red | Unleaded T2 Probe |
| Chan 1 | -Blk +Red | Premium Probe |

3-Wire Sensor Module

| Channel | Wires | Assignment |
|---|---|---|
| Chan 8 | -Blk Wht +Red | Blank Sensor |
| Chan 7 | -Blk Wht +Red | L7: T3-T5 Interstitial Sensor |
| Chan 6 | -Blk Wht +Red | L6: Regular T2 Interstitial |
| Chan 5 | -Blk Wht +Red | L5: T1-T4 Interstitial Sensor |
| Chan 4 | -Blk Wht +Red | L4: Diesel STP Sump |
| Chan 3 | -Blk Wht +Red | L3: Regular 8K STP Sump |
| Chan 2 | -Blk Wht +Red | L2: Regular 20K STP Sump |
| Chan 1 | -Blk Wht +Red | L1: Premium STP Sump |

3-Wire Sensor Module

| Channel | Wires | Assignment |
|---|---|---|
| Chan 8 | -Blk Wht +Red | Blank |
| Chan 7 | -Blk Wht +Red | L21: Premium Fill Sump Sensor |
| Chan 6 | -Blk Wht +Red | L14: Dispenser 11-12 Sump Sensor |
| Chan 5 | -Blk Wht +Red | L13: Dispenser 9-10 Sump Sensor |
| Chan 4 | -Blk Wht +Red | L12: Dispenser 7-8 Sump Sensor |
| Chan 3 | -Blk Wht +Red | L11: Dispenser 5-6 Sump Sensor |
| Chan 2 | -Blk Wht +Red | L10: Dispenser 3-4 Sump Sensor |
| Chan 1 | -Blk Wht +Red | L9: Dispenser 1-2 Sump Sensor |

3-Wire Sensor Module

| Channel | Wires | Assignment |
|---|---|---|
| Chan 8 | -Blk Wht +Red | Blank |
| Chan 7 | -Blk Wht +Red | Blank |
| Chan 6 | -Blk Wht +Red | Blank |
| Chan 5 | -Blk Wht +Red | L30: Regular 12K STP Sump Sensor |
| Chan 4 | -Blk Wht +Red | L25: Regular T5 Fill Sump Sensor |
| Chan 3 | -Blk Wht +Red | L24: Diesel Fill Sump Sensor |
| Chan 2 | -Blk Wht +Red | L23: Regular T3 Fill Sump Sensor |
| Chan 1 | -Blk Wht +Red | L22: Regular T2 Fill Sump Sensor |

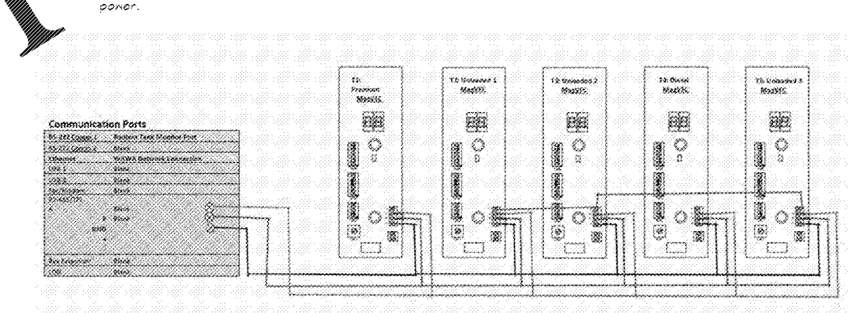
NON I.S. MODULES

AC Input Module

| Channel | | Assignment |
|---|---|---|
| Chan 12 | + - | Blank |
| Chan 11 | + - | Blank |
| Chan 10 | + - | Blank |
| Chan 9 | + - | Blank |
| Chan 8 | + - | Blank |
| Chan 7 | + - | Blank |
| Chan 6 | + - | Blank |
| Chan 5 | + - | Blank |
| Chan 4 | + - | Blank |
| Chan 3 | + - | Blank |
| Chan 2 | + - | Blank |
| Chan 1 | + - | Regular Unleaded Dispenser Signal |

Relay Module

| Channel | Contacts | Assignment |
|---|---|---|
| Chan 8 | NO8 C8 NC8 | Blank |
| Chan 7 | NO7 C7 NC7 | Blank |
| Chan 6 | NO6 C6 NC6 | Blank |
| Chan 5 | NO5 C5 NC5 | Alarm Panel UST Sump Alarm |
| Chan 4 | NO4 C4 NC4 | Alarm Panel Low Product Alarm |
| Chan 3 | NO3 C3 NC3 | Alarm Panel MPD Fuel Alarm |
| Chan 2 | NO2 C2 NC2 | Alarm Panel UST High Water |
| Chan 1 | NO1 C1 NC1 | Alarm Panel Hi/Low Brine |




Wawa Suppied Material

| DESCRIPTION | PART NUMBER | QUANTITY |
|---|---|---|
| **UNDERGROUND STORAGE TANKS** | | |
| 20,000 gallon, 10' diameter, double wall, factory brine filled tank | DWT-III, 20K | 1 |
| 22,000 gallon, 10' diameter, double wall, factory brine filled compartmentalized tank | DWT-III, 22K | [illegible] |
| 42" attached tank collar | 42ATC | Tank Specific |
| 22" manway with 4 - 4" NPT | 22MW4-4 | Tank Specific |
| 22" manway with 5 - 4" NPT | 22MW4-5 | Tank Specific |
| 10' diameter hold down straps | 10STRP | Tank Specific |
| **DISPENSER TRIM** | | |
| APT dispenser sump | LMM-3617-36 | 1/MPD |
| APT stabilizer bar | SBK[illegible] | [illegible] |
| OPW double poppet product shear valve | 10P-0[illegible] | 2/MPD 3/MPD w/3+1 1/MPD w/NAO |
| APT entry boot (Product) | DEB-252-DA | Site Specific |
| APT entry boot (Blank) | DEB-BLANK | Site Specific |
| OPW Fire Snuffer | FF[illegible] FLEXWORKS | 1/MPD SUMP |
| **TANK TRIM** | | |
| OPW shut off valve | 71SO-410-C | 1/FILL |
| Fibrelite [illegible] sump | 58CR-FL-OOMP | 1/FILL |
| Fibrelite turbine enclosure | 58CR-390-WT | 1/STP SUMP |
| Fibrelite multiport manway | 58CR-FL90F-8-5 | 1/STP SUMP |
| EBW swivel fill adapter | SWF-101-B | 1/FILL |
| OPW low profile fill cap | 634LPC-0400 | 1/FILL |
| OPW 4" [illegible] x 3" fill adapter - Diesel | 633T-8070 | 1/DSL TANK |
| OPW Diesel Fill Cap | 634TE-7085 | 1/DSL TANK |
| Flexing 3" [illegible] EZ fit | FFEZ18X12-FG | 1/FILL |
| Flexing 2" [illegible] 12" EZ fit | FFEZ16X12-FG | 1 |
| EBW extractor | 311-400-01 | 1/FILL |
| EBW vapor swivel - Gas Only | SWV-101-B | 1/FILL |
| OPW low profile vapor cap - Gas Only | 1711LPC-0400 | 1/FILL |
| Riser support bracket | M-1600 | 1/FILL |
| APT entry for vapor | FEB-300-R | 1/FILL |
| 2" ball valve | 21BV-0200 | Site Specific |
| APT entry boot | FEB-175-SC | Site Specific |
| Zinc bag anode | 17-1/2 #ANODE | 6 |
| Turnbuckle | 3/4X18-TURN | 12/20k 16/20k Comp. |
| PRODUCT PIPNG TRIM | | |
| APT 2" piping | XP-200-SC | Site Specific |
| APT 4" conduit | DCT-400 | Site Specific |
| APT clamshell coupling | MS-XP-200-200 | Site Specific |
| APT by-pass tube | BFT-100 | Site Specific |
| APT secondary test boot | STB-200 | Site Specific |
| APT test kit | TRK-100 | 4 6 Diesel (New Const.) |
| **GRADE LEVEL TRIM** | | |
| APT 4" entry for risers & OWs | FEB-400-R | Site Specific |
| Fibrelite monitoring sump | FL180 | 5 |
| 3'x 5' x 13" s/s island | WAWA ISLAND | 1/MPD |
| OPW pressure vacuum vent | 623V-3203 | 1 |
| OPW rain cap - Diesel | 23-0033 | 1 |
| Excel Air Machine | SC-05 | 1 |
| **TANK AND LINE MONITORING** | | |
| TS-550 EVO with DISPLAY, PRINTER, TRAC SW | T550EDP | 1 |
| 8 output relay module | TS-RLY | 1 |
| 12 input AC input module | TS-AC | 1 |
| 12 input probe module | TS-PRB | 1 |
| 8 input 3-wire sensor module | TS-3WSNS | 5 |
| Discriminating Dispenser Sump Sensor 12" | FMP-DDS | 1/SUMP |
| Discriminating Tank Sump Sensor 24" | FMP-DTS | 1/SUMP |
| Sensor Mounting Kit | TSP-KS | Site Specific |
| Mag Probe 131" (0.1 gph) | FMP-LL3-131 | 1/COMPARTMENT |
| Hydrostatic Interstitial Sensor | FMP-HIS-XL | 1/TANK |
| Tank Probe Diesel Float Kit | TSP-1DF4 | 1/DIESEL COMP. |
| Tank Probe Gasoline Phase Separation Float Kit | TSP-1GF4P | 1/GASOLINE COMP. |
| Probe Installation Kit | TSP-C4A | 1/PROBE |
| High Intensity Remote Overfill Alarm | TS-RA2 | 1 |
| Remote Acknowledge Switch | TS-RK | 1 |
| **FIBRELITE MANWAY** | | |
| Fibrelite manway | FL-90 | 1/TANK |
| Fibrelite liftstick | FL-TA | 1 |
| Fibrelite ID plates | FL-FRP-ID | 1/TANK |
| **SUBMERSIBLE PUMP TRIM** | | |
| FE Petro isolation box | STP-DHI | 1/TANK |
| FE Petro 2HP sub pump | ST-240245993I | 1/COMP. |
| FE Petro controller | VFC | 1/COMP. |
| FE Petro leak detector | STP-MLD-G | 1/COMP. |
| Diesel leak detector | STP-MLD-D | 1/DSL. TANK |
| **HANGING HARDWARE** | | |
| IRPCO 8' x 3/4" MSXMS curb hose | 124284 | 2/MPD (Gasoline) 4/MPD (Gas+Diesel) 6/MPD (Gas+Diesel+Efree) |
| IRPCO 8' x 3/4" M X MS whip hose | 124026 | 2/MPD (Gasoline) 4/MPD (Gas+Diesel) 6/MPD (Gas+Diesel+Efree) |
| Husky 1+XS pressure activated auto nozzle | 159543 | 2/MPD (Gasoline) 4/MPD (Gas+Efree) |
| Husky 3/4" safe-t-break | 3360 | 2/MPD (Gasoline) 4/MPD (Gas+Diesel) 6/MPD (Gas+Diesel+Efree) |
| Husky nozzle Diesel | 159561 | 2/MPD |
| **DISPENSER PACKAGE** | | |
| Encore 700S 3+0 blender dispenser,Gasoline 3 grade, 2 hose outlets, 2 sides w/ site specific options | ENC700 S NN1 | Site Specific |
| Encore 700S 3+1 blender dispenser, Diesel 4 grade, 4 hose outlets, 2 sides w/ site specific options | ENC700 S NL1 | Site Specific |
| Encore 700S Diesel Only 1 grade, 1 hose outlet, 2 sides w/ site specific options | ENC700 S NAO | Site Specific |
| Encore 700S Diesel 3+1+1 Blender Dispenser, Gasoline 5 grade, 6 hose outlet, 2 sides w/ site specific options | ENC700 S NL3 | Site Specific |
| Distribution box (2 board) | PA0261000022 | Site Specific |

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 7 | 06/15/18 | GENERAL REVISION | A.M.T. |
| 6 | 01/01/18 | GENERAL REVISION | A.M.T. |
| 5 | 06/02/17 | GENERAL REVISION | J.C.F. |
| 4 | 04/11/17 | GENERAL REVISION | L.D.K. |

GASOLINE DETAILS

PENNSYLVANIA / VIRGINIA
GENERAL NOTES & LEGEND
(22,000 COMPARTMENTALIZED TANKS)

| SCALE | DATE: | DRAWN BY: | CHECKED BY: |
|---|---|---|---|
| NONE | 4/01/14 | DCV | REK |

Wawa
260 WEST BALTIMORE PIKE
WAWA, PA 19063
PHONE 610-358-8000 FAX 610-358-8865

5
DRAWING NO.
5 OF 5
SHEET NO.