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 309-5.2 & 9-5.5.

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) [illegible] 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. [illegible] 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 [illegible]ted & tank mat is installed.

Conduit Requirements:
See E 1 to E 5; Verify with building/canopy drawings [illegible] architect. NOTE: Conduits to be [illegible] to edge [illegible] canopy and [illegible] pads by general contractor [illegible] petroleum contractor [illegible] responsible for balance.
- (1) 1" GRC to each canopy column [illegible] spare. ([illegible] closest to store)
- (1) 1" GRC to [illegible] canopy column for lighting. (column furthest from store)
- (3) 3/4" GRC to each dispenser ([illegible] power, [illegible] data, 1 inter[illegible]/Muzok)
- (1) 3/4" GRC [illegible] each dispenser. (Sump sensor)
- (1) 3/4" GRC [illegible] each interstitial reservoir. (Sump sensor)
- (2) 1" GRC [illegible] each STP tank containment unit. (1 power, 1 spare)
- (1) 3/4" GRC to [illegible] STP tank containment unit. (Sump sensor/ Tank [illegible] 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 Pitchmastic & 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 gauge, 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 [illegible] 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 [illegible] & shall be 12 AWG with home runs from the dispenser to the [illegible] panel or isolation relay. Two (2) Spare wires of different color to be run also, terminating in J-box & trough in electrical [illegible].

GILBARCO DISPENSER WIRE COLOR REFERENCE				
NO.	COLOR	MIN. AWG	USE	
1	BLACK	12	[illegible] TO A-[illegible]	
2	WHITE	12	[illegible] TO [illegible]3	
3	GREEN	10	[illegible] TO [illegible]	
4	RED	12	[illegible] PREMIUM STP	
5	BLUE	12	[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 pumps, & 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 6-½ 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) [illegible] in PA, must have signature of final inspection.)

5. Tank and Line Test Results (from Crompco)

6. Weight & Measure Notification (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		
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		
Chan 8	-Blk Wht +Red	Blank Sensor
Chan 7	-Blk Wht +Red	I7: T3-T5 Interstitial Sensor
Chan 6	-Blk Wht +Red	I6: Regular T2 Interstitial
Chan 5	-Blk Wht +Red	I5: T1-T4 Interstitial Sensor
Chan 4	-Blk Wht +Red	I4: Diesel STP Sump
Chan 3	-Blk Wht +Red	I3: Regular 8K STP Sump
Chan 2	-Blk Wht +Red	I2: Regular 20K STP Sump
Chan 1	-Blk Wht +Red	I1: Premium STP Sump

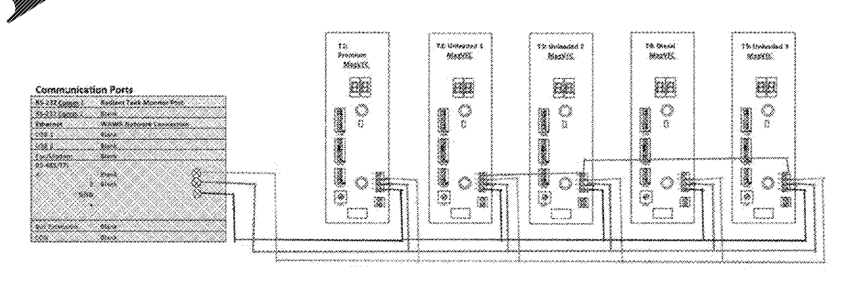
3-Wire Sensor Module		
Chan 8	-Blk Wht +Red	Blank
Chan 7	-Blk Wht +Red	I21: Premium Fill Sump Sensor
Chan 6	-Blk Wht +Red	I14: Dispenser 11-12 Sump Sensor
Chan 5	-Blk Wht +Red	I13: Dispenser 9-10 Sump Sensor
Chan 4	-Blk Wht +Red	I12: Dispenser 7-8 Sump Sensor
Chan 3	-Blk Wht +Red	I11: Dispenser 5-6 Sump Sensor
Chan 2	-Blk Wht +Red	I10: Dispenser 3-4 Sump Sensor
Chan 1	-Blk Wht +Red	I9: Dispenser 1-2 Sump Sensor

3-Wire Sensor Module		
Chan 8	-Blk Wht +Red	Blank
Chan 7	-Blk Wht +Red	Blank
Chan 6	-Blk Wht +Red	Blank
Chan 5	-Blk Wht +Red	I30: Regular 12K STP Sump Sensor
Chan 4	-Blk Wht +Red	I25: Regular T5 Fill Sump Sensor
Chan 3	-Blk Wht +Red	I24: Diesel Fill Sump Sensor
Chan 2	-Blk Wht +Red	I23: Regular T3 Fill Sump Sensor
Chan 1	-Blk Wht +Red	I22: Regular T2 Fill Sump Sensor

NON I.S. MODULES

AC Input Module	
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		
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-111, 20K	1
22,000 gallon, 10' diameter, double wall, factory brine filled compartmentalized tank	DWT-111, 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[illegible]617-36	[illegible]/MPD
APT stabilizer bar	SBK[illegible]	[illegible]
OPW double poppet product shear valve	10P-[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 o[illegible]	71SO-410-C	1/FILL
Fibrelite m[illegible] sump	S8CR-FL100MP	1/FILL
Fib[illegible] turbine enclosure	S8CR-390-WT	1/STP SUMP
Fib[illegible] multipo[illegible] manway	S8CR-FL90F-8-5	1/STP SUMP
EBW [illegible] fill adapter	SWF-101-B	1/FILL
OPW l[illegible] profile fill cap	634LPC-0400	1/FILL
OPW 4" [illegible] x 3" fill adapter - Diesel	633T-5070	1/DSL TANK
OPW Dies[illegible] Fill Cap	634TE-7085	1/DSL TANK
Flexing 3" [illegible] EZ fit	FFEZ18X12-FG	1/FILL
Flexing 2" [illegible]2" 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	BPT-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 & OW's	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	23-0053	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-ACI	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-IDF4	1/DIESEL COMP.
Tank Probe Gasoline Phase Separation Float Kit	TSP-IGF4P	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-2402459931	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

DRAWING NO. 5
5 OF 5
SHEET NO.

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