

EQUIPMENT LIST

#	PART DESCRIPTION	MANUFACTURER	MODEL NUMBER	FURN.	INST.	REMARKS
PRODUCT TANKS						
1	DOUBLEWALL FIBERGLASS UNDERGROUND STORAGE TANK	FIBERGLASS SYSTEMS	20K - 10" DIA. 20K (12X/8K SPLT) - 10" DIA 12K - 10" DIA - DIESEL 12K - 8" DIA - DIESEL 8K - 8" DIA (DEF)	CK	CK	COMPLETE WITH FIBERGLASS TANK SUMPS, CONTAINMENT COLLARS AND MISCELLANEOUS PARTS INCLUDING FIBERGLASS STRAPS, GALVANIZED TIE-DOWNS, AND DEADMEN. HYDROSTATIC INTERSTITIAL FOR ALL TANKS. NO EXCEPTIONS.
2	DOUBLEWALL FIBERGLASS UNDERGROUND STORAGE TANK	XERXES	20K - 10" DIA. 20K (12X/8K SPLT) - 10" DIA 12K - 10" DIA - DIESEL 12K - 8" DIA - DIESEL 8K - 8" DIA (DEF)	CK	CK	COMPLETE WITH FIBERGLASS TANK SUMPS, CONTAINMENT COLLARS AND MISCELLANEOUS PARTS INCLUDING FIBERGLASS STRAPS, GALVANIZED TIE-DOWNS, AND DEADMEN. HYDROSTATIC INTERSTITIAL FOR ALL TANKS. NO EXCEPTIONS.
3	MODERN WELDING DOUBLEWALL FIBERGLASS WRAPPED STEEL UNDERGROUND STORAGE TANK	MODERN WELDING	20K - 10" DIA. 20K (12X/8K SPLT) - 10" DIA 12K - 10" DIA - DIESEL 12K - 8" DIA - DIESEL 8K - 8" DIA (DEF)	CK	CK	COMPLETE WITH FIBERGLASS TANK SUMPS, CONTAINMENT COLLARS AND MISCELLANEOUS PARTS INCLUDING FIBERGLASS STRAPS, GALVANIZED TIE-DOWNS, AND DEADMEN.
4						
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PRODUCT AND VENT PIPING						
6	2" DOUBLE WALL FLEXIBLE PIPING	NUPI SMARTFLEX	19TSMAXPD63875	CK	CK	246" COIL
7	2" SINGLE WALL FIBERGLASS PIPING (VENT PIPING ONLY)	NUPI SMARTFLEX	19TSMAXPG3875	CK	CK	246" COIL
8	2" DOUBLE WALL FIBERGLASS PIPING	AMERON	AMERON-DUALOY 3000/LCX	CK	CK	USE GLUE KIT FOR 100% ALCOHOL COMPATIBILITY.
9	MODERN WELDING DOUBLEWALL FIBERGLASS WRAPPED STEEL UNDERGROUND STORAGE TANK	NUPI SMARTFLEX	19TSMAXPD90812	CK	CK	38" STICKS
TANK TOP PACKAGES, CONTAINMENT SUMPS, HARDWARE, AND MANHOLES						
10	FILL SPILL BUCKET	EMCO WHEATON	A1004EVR-317S	CK	CK	NO DRAIN VALVES.
11	VAPOR BUCKET	EMCO WHEATON	A1004EVR-317A	CK	CK	NO DRAIN VALVES.
12	SWIVEL FILL ADAPTOR	EMCO WHEATON	A0030-124S	CK	CK	
13	4" FILL CAP	EMCO WHEATON	A0097-00S	CK	CK	
14	SWIVEL VAPOR ADAPTOR	EMCO WHEATON	A0076-124S	CK	CK	DO NOT INSTALL SWIVEL VAPOR ADAPTOR AT DIESEL.
15	VAPOR CAP	EMCO WHEATON	A0099-00Z	CK	CK	INSTALL A0099-00Z CAP AT DIESEL VAPOR ONLY. INSTALL A0097-00S AT ALL OTHER PRODUCTS
16	EXTRACTOR VALVE 4x4x2 (NO CAGE)	EMCO WHEATON	A0079-150	CK	CK	
17	COMPOSITE 42" MANHOLE W/CAM LOCK	EMCO WHEATON	A0716-042C	CK	CK	
18	15" OVERFILL DROP TUBE	EMCO WHEATON	A1100EVR-056CF	CK	CK	
19	4" x 16" SLOTTED SCH 40 PVC W/ PLUG	TITAN INDUSTRIES	MF-4X16WS	GC	CK	
20	12" X 16" SLOTTED SCH 40 PVC W/ PLUG	TITAN INDUSTRIES	TI-PVC12X16WELL	GC	CK	
21	12" MONITOR WELL MANHOLE	EMCO WHEATON	A0721-101	CK	CK	Steel Skirt, White Lid
22	18" MONITOR WELL MANHOLE	EMCO WHEATON	A0721-018	CK	CK	
23	18" RAINTITE BOLTED MANHOLE	EMCO WHEATON	A0717-018B	CK	CK	
24	4" WELL CAP	EMCO WHEATON	A0720-001	CK	CK	
25	12" WELL CAP	TITAN INDUSTRIES	EM-P41208TmplUG	CK	CK	
26	UNITED SIGN FILL PIPE ID TAG, DIESEL	UNITED SIGN	US-FPI-125D	CK	CK	
27	UNITED SIGN FILL PIPE ID TAG, UNLEADED	UNITED SIGN	US-FPI-125U	CK	CK	
28	UNITED SIGN FILL PIPE ID TAG, PREMIUM	UNITED SIGN	US-FPI-125P	CK	CK	
29	UNITED SIGN FILL PIPE ID TAG, E0	UNITED SIGN	US-FPI-E0	CK	CK	
30	UNITED SIGN VAPOR RECOVERY ID TAG	UNITED SIGN	US-FPI-22	CK	CK	
31	UNITED SIGN FILL PIPE ID TAG, DEF	UNITED SIGN	FPI-XXXX	CK	CK	
32	42" DIA. OCTAGON FIBERGLASS CONTAINMENT SUMP & LID ASSEMBLY	FIBERGLASS SYSTEMS	SW PTS (WT34)42/8-4	CK	CK	
33	48" DIA. OCTAGON FIBERGLASS CONTAINMENT SUMP & LID ASSEMBLY	FIBERGLASS SYSTEMS	SW PTS (WT34)48/8-4	CK	CK	
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36						
37						
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39						
TURBINE						
40	FE PETRO 2 HP FIXED SPEED W/ MAG SHELL	FRANKLIN FUELING	FE-STPRX200-VL2	CK	CK	REFER TO TK101 FOR PUMP QTY & SIZING CHART. ORDER RISER WITH PUMP
41	4" x 24" RISER - NPT THREADED 304L STAINLESS STEEL	MCMMASTER CARR	MCMMASTER CARR	GC	CK	VARIES DEPENDENT UPON TANK BURIAL DEPTH. ORDER PRE-THREADED FROM MNFR.
42	4" x 24" RISER - NPT THREADED EPOXY COATED (DIESEL ONLY)	MCMMASTER CARR	MCMMASTER CARR	GC	CK	
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TURBINE SUMP FITTINGS, PIPING, AND VENT HARDWARE						
55	BRAVO 3/4 FIBERGLASS CONDUIT ENTRY 10 PACK W/ GLUE	BRAVO	BR-F-07-FF/BR-F-07R-FF	CK	CK	USE BR-F-07R-FF WHEN PVC COATED CONDUIT IS USED
56	2.5" ID FIBERGLASS SUMP ENTRY FITTING FOR 2" NUPI SMARTFLEX	NUPI	19SEBEFM75A	CK	CK	
57	BRAVO 2" FLANGED FITTING	BRAVO	F-20-FF	CK	CK	
58	3" PIPE CLAMP	BRAVO	BR-T-FF-CLAMP-3	CK	CK	
59	ENTRY FITTING ADHESIVE KIT 7 OZ - 1 KIT PER FITTING	BRAVO	BR-ADHESIVE-EPOXY-KIT	CK	CK	
60	2" X 1-1/2" F ADAPTER - SS	NUPI	19SAF63112SSNPT	CK	CK	
61	2" M ADAPTER - SS	NUPI	19SAM632SSNPT	CK	CK	
62	2" F ADAPTER - SS	NUPI	19SAF632SSNPT	CK	CK	
63	FLEX CONN 2"x24" MmM SWIVEL END	OMEGAFLEX	OF-2X24MMMS	CK	CK	
64	ISOLATION BOOT 3x30"	CRUSHPROOF	CTC-450036	CK	CK	
65	2" THREAD,3" WC PRESSURE VACUUM VENT	HUSKY	A0084-038	CK	CK	
66	2" ALUMINUM OPEN TANK VENT (DIESEL ONLY)	HUSKY	A4103-002	CK	CK	
67	2" BALL VALVE - STAINLESS STEEL	JOMAR	JI-T100-25S	CK	CK	
68	2" BALL VALVE - BRASS	JOMAR	JI-T100-2PC	CK	CK	
69	2" STEEL PIPING & FITTINGS - 304L STAINLESS STEEL - NPT THREADED			GC	CK	
70	2" STEEL PIPING & FITTINGS - SCH 40 BLACK STEEL - NPT THREADED (DIESEL ONLY)			GC	CK	
71	2" STEEL PIPING & FITTINGS - SCH 40 GALVANIZED - NPT THREADED (VENT RISER ONLY)			GC	CK	
72	2" 90 - SINGLE WALL	NUPI	19SGE63	CK	CK	
73	2" 45 - SINGLE WALL	NUPI	19SCE63	CK	CK	
74	2" TEE - SINGLE WALL	NUPI	19STE63	CK	CK	
75	2" COUPLING - SINGLE WALL	NUPI	19SME63	CK	CK	
76	2" 90 - DOUBLE WALL	NUPI	19SGEDW63	CK	CK	WITHOUT TEST PORT
77	2" 45 - DOUBLE WALL	NUPI	19SCEDW63	CK	CK	WITHOUT TEST PORT
78	2" TEE - DOUBLE WALL	NUPI	19STEDW63	CK	CK	WITHOUT TEST PORT
79	2" COUPLING - DOUBLE WALL	NUPI	19SMEDW63	CK	CK	WITHOUT TEST PORT
80	2" TERMINATION FITTING	NUPI	19SETFCV63	CK	CK	WITH TEST PORT

#	PART DESCRIPTION	MANUFACTURER	MODEL NUMBER	FURN.	INST.	REMARKS
DISPENSER & DISPENSER HARDWARE						
81	MULTI-PRODUCT DISPENSER	GILBARCO	ENCORE 700S	CK	CK	REFER TO TK101 FOR PRODUCT QTY AND TYPE (3+1+1, 3+1, 3+0, ETC.)
82	HUSKY 3/4" UL2586 UNL W/CLP BLX W/SPLSH	HUSKY	HN-N105UF-UL	CK	CK	
83	3/4" X 8" FS FUT HOSE - BLACK	CONTINENTAL/CONTITECH	CT-WHP3408	CK	CK	
84	3/4" X 9" FS FUT HOSE - BLACK	CONTINENTAL/CONTITECH	CT-3409	CK	CK	
85	3/4" MAGNETIC BREAKAWAY	HUSKY	HS-8330	CK	CK	
86	1+6 3/4 X 3/4 MULTIPLANE SWVL	HUSKY	HS-0350	CK	CK	
87	3/4" NEW UL2586 LFD W/CLP GRN W/SPLSH	HUSKY	HN-N105LF-UL	CK	CK	
88	3/4" X 8" FS FUT HOSE - BLACK	CONTINENTAL/CONTITECH	CT-WHP3408	CK	CK	
89	3/4" X 9" FS FUT HOSE - BLACK	CONTINENTAL/CONTITECH	CT-3409	CK	CK	
90	NUPI FIBERGLASS SUMP FOR ENCORE DISPENSER	NUPI	19D0S3617	CK	CK	REFER TO TK503 FOR PRODUCT QTY AND TYPE (3+1+1, 3+1, 3+0, ETC.)
91	STABILIZER BAR	NUPI		CK	CK	REFER TO TK503 FOR PRODUCT QTY AND TYPE (3+1+1, 3+1, 3+0, ETC.)
92	SHEAR VALVE - OPW 10 PLUS DOUBLE POPPET	OPW	10P-0152	CK	CK	
93	FLEX CONN 1.5" x 18" MmM SWIVEL END	OMEGAFLEX	OF-112X18MMS	CK	CK	
94	3/4" UNLEADED HOSE KIT	HUSKY	HN-011154	CK	CK	ORDERING OPTION - INCLUDES PARTS 82, 83, 84, 85, 86
95	3/4" DIESEL HOSE KIT	HUSKY	HN-011463	CK	CK	ORDERING OPTION - INCLUDES PARTS 85, 86, 87, 88, 89
96	2" FRP 90° ELBOW	AMERON LCX	22372108	CK	CK	
97	2" FRP TEE ELBOW	AMERON LCX	22378007	CK	CK	
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104						
MISCELLANEOUS						
105	6" BOLLARD COVER	POST-GUARD	GREY - 48"	GC	CK	
106	6" x 72" BOLLARDS			GC	CK	
107	3' x 5' x 13" DISPENSER ISLAND FORMS	RIVERSIDE STEEL	RS-3XSX13	CK	CK	USE ONLY IF REQUIRED BY AUTHORITY HAVING JURISDICTION. USE STAINLESS STEEL ISLAND FORMS IN SNOW SITES.
108	20 CHANNEL INTERCON SYSTEM-TRADEMARK	ESCO	ES-941-0114	CK	CK	
109	CONTAINMENT LINER	MPC	PETROGARD X	GC	CK	FOR PIPING AND TANK HOLES THAT REQUIRE "TERTIARY CONTAINMENT". VERIFY WITH CK REP AT TIME OF BIDDING
110	FILTER FABRIC	GSE	8 OZ GSE W#8	GC	CK	FOR STANDARD INSTALLATION IN TANK HOLES AND PIPING TRENCHES
111	FILTER FABRIC	GSE	16 OZ GSE WN16	GC	CK	FOR USE WITH ROCK HOLES. INCLUDE IN BID IF ROCK EXISTS.
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MONITORING						
125	TL5450PLUS W/ TCH DISPLAY & PRINT - CK	VEEDER-ROOT	VR-860091-301CK	CK	CK	
126	TL5450PLUS APPLICATION SOFTWARE - CK	VEEDER-ROOT	VR-333545-001CK	CK	CK	
127	RISK MGMT LEAK DETECTION DPILD	VEEDER-ROOT	VR-332972-008CK	CK	CK	
128	UNIVERSAL SENSOR PROBE 16 INPUT MOD	VEEDER-ROOT	VR-332812-001CK	CK	CK	
129	UNIVERSAL INPUT/OUTPUT INTERFACE MOD	VEEDER-ROOT	VR-332813-001CK	CK	CK	
130	CSLD SOFTWARE ENHANCEMENT	VEEDER-ROOT	VR-332972-006CK	CK	CK	
131	DPILD WITHOUT SWITCHECK	VEEDER-ROOT	VR-859080-001CK	CK	CK	
132	8" MAG PLUS TANK PROBE	VEEDER-ROOT	VR-846396-107CK	CK	CK	
133	10" MAG PLUS TANK PROBE	VEEDER-ROOT	VR-846396-109CK	CK	CK	
134	PHASE SEPARATION 4" GAS FLOAT KIT - 10" CABLE	VEEDER-ROOT	VR-886100-010CK	CK	CK	
135	4" NEW STYLE DIESEL FLOAT KIT - 10" CABLE	VEEDER-ROOT	VR-846400-011CK	CK	CK	
136	4" CAP AND RING KIT	VEEDER-ROOT	VR-312020-952CK	CK	CK	
137	PIPING SUMP SENSOR	VEEDER-ROOT	VR-794380-208CK	CK	CK	
138	SENSOR HOLDER FOR UDC	BRAVO	BR-SH-UDC	CK	CK	
139	SENSOR HOLDER FOR TANK SUMP	BRAVO	BR-SH-TS	CK	CK	
140	HYDROSTATIC RESERVOIR SENSOR WITH VENTED CAP	VEEDER-ROOT	VR-794380-303CK	CK	CK	
141	EMERGENCY SHUT OFF SIGN	UNITED SIGN	US-M576	GC	CK	
142	EMERGENCY SHUT OFF SWITCH	POWER INTEGRITY	PI-HA-ESOCA/T	GC	CK	
143	OVERFILL ALARM	VEEDER-ROOT	VR-790091-001CK	CK	CK	
144	OVERFILL ALARM ACKNOWLEDGEMENT SWITCH	VEEDER-ROOT	VR-790095-001CK	CK	CK	
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CIRCLE K STORES, INC.
Gulf Coast Business Unit

DESIGN TEAM TITLE:


MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33808
Phone: (888) 646-8150
2151 W. HILLSBORO BOULEVARD, SUITE 401
DEERFIELD BEACH, FLORIDA 33442
Phone: (888) 427-3018

1	5/13/26	REVISED TANKS
NO.	DATE	REVISION DESCRIPTION

This item has been electronically signed and sealed by Daimian D. Leslie on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

DAIMIAN LESLIE, P.E.
FL REG # 73113

TANK AND PIPING PLANS & DETAILS

SITE DESIGNATIONS:

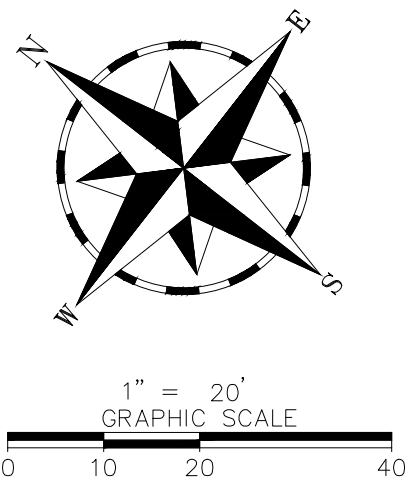
US HWY 41 & COLLEGE DRIVE, LEESBURG, FLORIDA 34788

SCALE: AS NOTED	MDM JOB # 25013
DATE: 09/15/2025	
DESIGNED BY:	
DRAWN BY: PH	FILE NAME: TK006.DWG
CHECKED BY:	
DRAWING TITLE:	

EQUIPMENT LIST

SHEET NO:

TK006



PROPOSED NFPA
EMERGENCY FUEL
SHUT-OFF & SIGNAGE
@ 44" AFG, (2 TOTAL)

5200 S V2.0

NEW GILBARCO ENCORE
DOUBLE SIDED MPD's

BASIC DIESEL

BASIC DIESEL

INSTALL NEW NFPA,
ADA ACCESSIBLE FIRE
EXTINGUISHER @ 44"
AFG TYP. 7

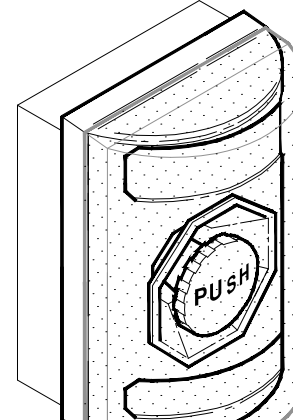
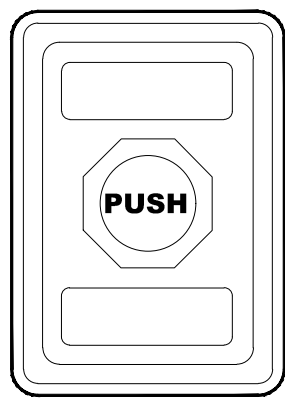
2" SW NUPI PRODUCT
PIPING, 1/8" /FT. TO
TANKS

(2) NEW UG STORAGE TANKS
(1-20K SPLIT 12K DIESEL/8K PREMIUM) &
(1-20K REGULAR FUEL)

2" SCH-40 GALV. STEEL
VENT RISERS @ 12' A.F.G.

EMERGENCY
FUEL
SHUT OFF

SIGN SHALL HAVE
WHITE LETTERS,
MINIMUM 1" IN HEIGHT,
ON RED BACKGROUND



MAX.
44"
AFG

FINISHED GRADE

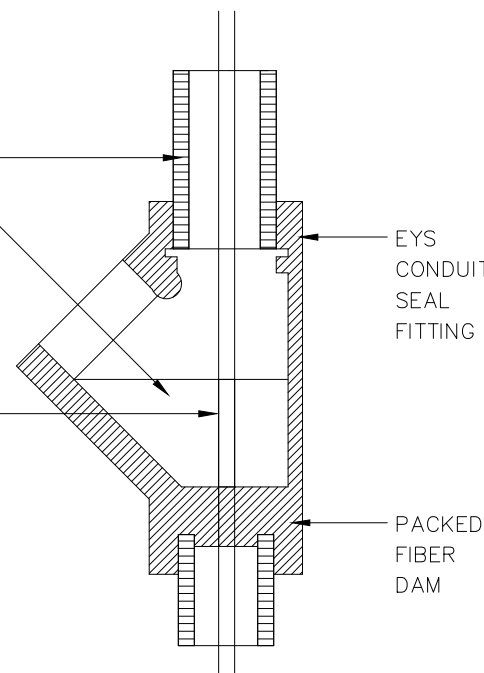
EMERGENCY STOP
W/CLEAR COVER AND ALARM
POWER INTEGRITY #IA-ESOCA

EXTERIOR EMERGENCY FUEL SHUT-OFF

RIGID CONDUIT

SEALING COMPOUND
USE COMPOUND MADE
BY MANUFACTURER OF
SEAL FITTING

PUSH CONDUCTORS AWAY
FROM THE FILLING OPENING
& FORCE THEM APART SO
THEY DO NOT LIE IN CON-
TACT WITH EACH OTHER.
ALONG THEIR LENGTH, PUSH
SHREDS OF PACKING AWAY
FROM THE CONDUCTOR TO
PREVENT GAS LEAKAGE PATHS



NOTE 1:
PROVIDE EXPLOSION PROOF SEALS-OFFS IN ACCORDANCE
WITH ARTICLES 500, 501 AND 514 (CLASS 1, DIVISION 1 & 2)
OF THE 2008 NATIONAL ELECTRICAL CODE
TYPICAL FOR ALL CONDUITS IN CLASS 1 LOCATIONS,
INCLUDING LOW VOLTAGE CONDUITS.

NOTE 2:
ALL CONDUITS IN CLASS 1 LOCATIONS SHALL
BE GROUNDED AS PER NEC. 250.100 & 501.30.

NOTE 3:
CONDUIT FILL SHALL NOT EXCEED 25% OF SEAL-OFF
AS PER NEC. 501.15(A)(6)

SEAL FITTING INSTALLATION

MUNICIPAL FIRE NOTES:

- ALL WORKMANSHIP, MATERIALS, EQUIPMENT, TESTING, AND INSPECTIONS RELATED TO THE FUEL SYSTEM INSTALLATION AS DESCRIBED HERE-IN SHALL BE IN ACCORDANCE WITH:
 - N.F.P.A. 30 FLAMMABLE AND COMBUSTIBLE LIQUID CODE
 - N.F.P.A. 30A AUTOMOTIVE SERVICE STATION CODE
- A CERTIFICATION OF COMPLETION OF FUEL SYSTEM INSTALLATION INSPECTION AND COMPLETION IN ACCORDANCE WITH THE APPROVED PERMIT DOCUMENTS PREPARED BY THE ENGINEER MUST BE SUBMITTED TO FIRE MARSHAL'S OFFICE PRIOR TO FINAL INSPECTION AND OCCUPANCY.

LEGEND

REGULAR UNLEADED — R — — — — R — — — —
PREMIUM UNLEADED — PR — — — — PR — — — —
NON-ETHANOL — EO — — — — EO — — — —
DIESEL — D — — — — D — — — —
VENT — V — — — — V — — — —

SCOPE OF WORK:

PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE INSTALLATION OF NEW FUEL STORAGE TANKS, PRODUCT PIPING, DISPENSERS, AND MISC. ACCESSORIES AS DETAILED HERE-IN TANK PLANS, SUMMARIZED AS FOLLOWS:

- SHORE (SHEETPILE) TANK HOLE; PREP HOLE & PLACE LINER, SET DEADMEN, PLACE 12" MIN. TANK BED, SET TANKS, ANCHOR & BACKFILL (1) NEW 10"Ø 20K D/W REGULAR & (1) NEW 10"Ø 20K D/W (COMPARTMENTED, 12K DIESEL & 8K PREMIUM). XERXES D/W FIBERGLASS U/G STORAGE TANKS. INSTALL NEW SUMPS, FILLS, VAPOR, VENT, TURBINE, GAUGE AND LEAK DETECTION EQUIPMENT AND STATIC GROUNDING CONNECTIONS.

NOTE: TANKS, PIPING AND ALL PETROLEUM EQUIPMENT AND ACCESSORIES TO BE PROVIDED AND INSTALLED BY CONTRACTOR UNLESS NOTED OTHERWISE.

- SET NEW DISPENSER CONTAINMENT BOXES PER PLAN; INSTALL NEW DOUBLE-WALL NUPI PRODUCT LINES FROM NEW TANK STP'S TO EACH CONTAINMENT BOX; PIPE NEW CONTAINMENT BOXES TO RECEIVE NEW DISPENSERS; AND TEST.

NOTE: STAGE II UNDERGROUND PIPING WILL NOT BE INSTALLED. NEW DISPENSERS WILL NOT BE STAGE II EQUIPPED.

- INSTALL NEW VENT RISER RACK ASSEMBLY. ROUTE NEW SINGLE WALL NUPI VENT PIPING FROM TANKS TO NEW SCHEDULE 40 VENT RISER.

- INSTALL NEW CONDUITS AND WIRING FROM TANK FARM AND EACH DISPENSER LOCATION. CONNECT TO STP, DISPENSER, AND GAS EQUIPMENT CIRCUITS INSIDE BUILDING.

- INSTALL NEW VEEDER-ROOT TLS-450, TANK LEVEL GAUGES, ANNULAR SPACE SENSORS, STP SUMP SENSORS, WIRING, AND CONNECTIONS.

NOTE: VEEDER-ROOT TLS-450, PROBES AND ACCESSORIES TO BE PROVIDED BY CIRCLE K AND INSTALLED BY CONTRACTOR.

- SET NEW MANHOLES AND PRODUCT ID; FORM & POUR NEW TANK SLAB.

- SET & CONNECT NEW OWNER FURNISHED FUEL DISPENSERS (2) EACH (BASIC DIESEL ONLY AT OUTSIDE ENDS), (7) EACH (3+1), DOUBLE-SIDED MPD'S. INSTALL CONTRACTOR FURNISHED NEW HOSES, NOZZLES, BREAKAWAYS. STARTUP, PURGE, & CALIBRATE.

- EMERGENCY STOP DISCONNECTS (3 TOTAL) TO BE INSTALLED AT (2) CORNERS OF BUILDING, AND (1) AT CASHIER SALES STATION.

- INSTALL NEW NFPA 30A 9.2.5.4 WARNING SIGNS --- "NO SMOKING, STOP MOTOR..." @ EACH DISPENSER/ISLAND AS OCCURS.

NOTE: NFPA SIGNAGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.

- INSTALL NEW NFPA, 30A, 9.2.5.2/NFPA 10, 5.5.1.1.2- 10# ABC 4A80BC UL LISTED PORTABLE FIRE EXTINGUISHERS WITHIN SURFACE MTD. CABINET, ULINE H-4872 OR EQUAL. LOCATE 100' OF EACH DISPENSER AND FILL PIPE OPENINGS.

NOTE: NFPA SIGNAGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.

TANK, PIPING & INSTALLATION NOTES:

- ALL NEW PETROLEUM EQUIPMENT, MATERIALS, AND ACCESSORIES SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH APPLICABLE MANUFACTURER'S INSTRUCTIONS.
- ALL TANK AND PIPING INSTALLATION WORK IS TO BE PERFORMED BY A STATE REGISTERED POLLUTANT STORAGE SPECIALTY CONTRACTOR.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STATE, COUNTY AND MUNICIPAL REQUIREMENTS---THE CURRENT APPLICABLE BUILDING CODE; AND THE FOLLOWING REFERENCE STANDARDS:

FLORIDA DEPARTMENT OF ENVIRONMENTAL QUALITY:
UT 014 UNDERGROUND FUEL TANK INSTALLATIONS.

NATIONAL FIRE PROTECTION ASSOCIATION:
30 FLAMMABLE AND COMBUSTIBLE LIQUID CODE
30A AUTOMOTIVE SERVICE STATION CODE
70 NATIONAL ELECTRIC CODE

AMERICAN PETROLEUM INSTITUTE:
1615 INSTALLATION OF UNDERGROUND PETROLEUM STORAGE SYSTEMS
1604 RECOMMENDED PRACTICE FOR ABANDONMENT OR REMOVAL OF USED U.G. STORAGE TANKS

PETROLEUM EQUIPMENT INSTITUTE:
RP100 RECOMMENDED PRACTICES FOR INSTALLATION OF U.G LIQUID STORAGE TANKS

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION:
CONSTRUCTION SAFETY AND HEALTH REGULATIONS SUBPART P, 1902.50 THRU 1926.653

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING UNDERGROUND UTILITIES IDENTIFICATION BY CONTACTING FL. ONE CALL (1-800-432-4770) AND APPLICABLE MUNICIPAL JURISDICTION AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR GIVING REQUIRED NOTICE(S) AND SCHEDULING APPLICABLE CITY, COUNTY AND/OR STATE INSPECTIONS AS REQUIRED FOR PERMIT CLOSE OUT(S).

ELECTRICAL NOTES:

- ELECTRICAL INSTALLATION SHALL COMPLY WITH NEC 2020.
- N.E.C. ARTICLE 514 CONDITIONS FOR HAZARDOUS AREAS AND FUEL DISPENSING FACILITIES APPLY.
- PROVIDE EXPLOSION PROOF SEALS-OFFS IN ACCORDANCE WITH ARTICLES 514.3 AND 514.9(A) & (B) FOR ALL CONDUITS IN CLASS 1 HAZARDOUS LOCATIONS, INCLUDING LOW VOLTAGE CONDUITS.
- CIRCUIT DISCONNECTS TO BE PROVIDED AS PER NEC 514.11(A) AND NEC 514.13.
- EXTERIOR EMERGENCY CONTROLS TO BE INSTALLED AS PEC NEC 514.11(B). REFER TO THIS SHEET FOR LOCATIONS.
- ALL UNDERGROUND ELECTRICAL CONDUIT IN HAZARDOUS AREA TO BE RIGID METAL CONDUIT (RMC) AND TO BE BURIED AT MIN. 24". NOTE TRANSITION TO GRC CONDUIT 10' OR 10, OF PVC COATED RIGID ON ALL SUMP PENETRATIONS OR DISPENSER STUB-UPS.
- SEE DETAILS SHEETS ATTACHED AND BUILDING/SITE ELECTRICAL FOR ADDITIONAL DETAILS.



Know what's below.
Call before you dig.



CIRCLE K STORES, INC.

**Gulf Coast
Business
Unit**

DESIGN TEAM TITLE:



engineering • environmental • construction

1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805

Phone: (888) 646-9150

2151 W. HILLSBORO BOULEVARD, SUITE 401
DEERFIELD BEACH, FLORIDA 33442
Phone: (888) 427-3076

1	01/29/26	REVISED TO SHOW FIRE EX
2	03/18/26	REV'D PER MUNICIPAL COMMENTS
3	05/12/26	REV'D TO 2 TANK CONFIGURATION

NO.	DATE	REVISION DESCRIPTION
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DAIMIAN LESLIE, P.E.
FL REG # 73113

TANK AND PIPING PLANS & DETAILS

SITE DESIGNATIONS:

**US HWY 41 &
COLLEGE DRIVE,
LEESBURG, FLORIDA
34788**

SCALE: AS NOTED MDM JOB # 25013

DATE: 09/15/2025

DESIGNED BY:

DRAWN BY: PH FILE NAME:

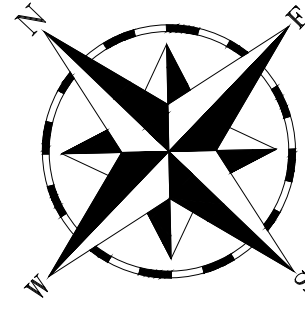
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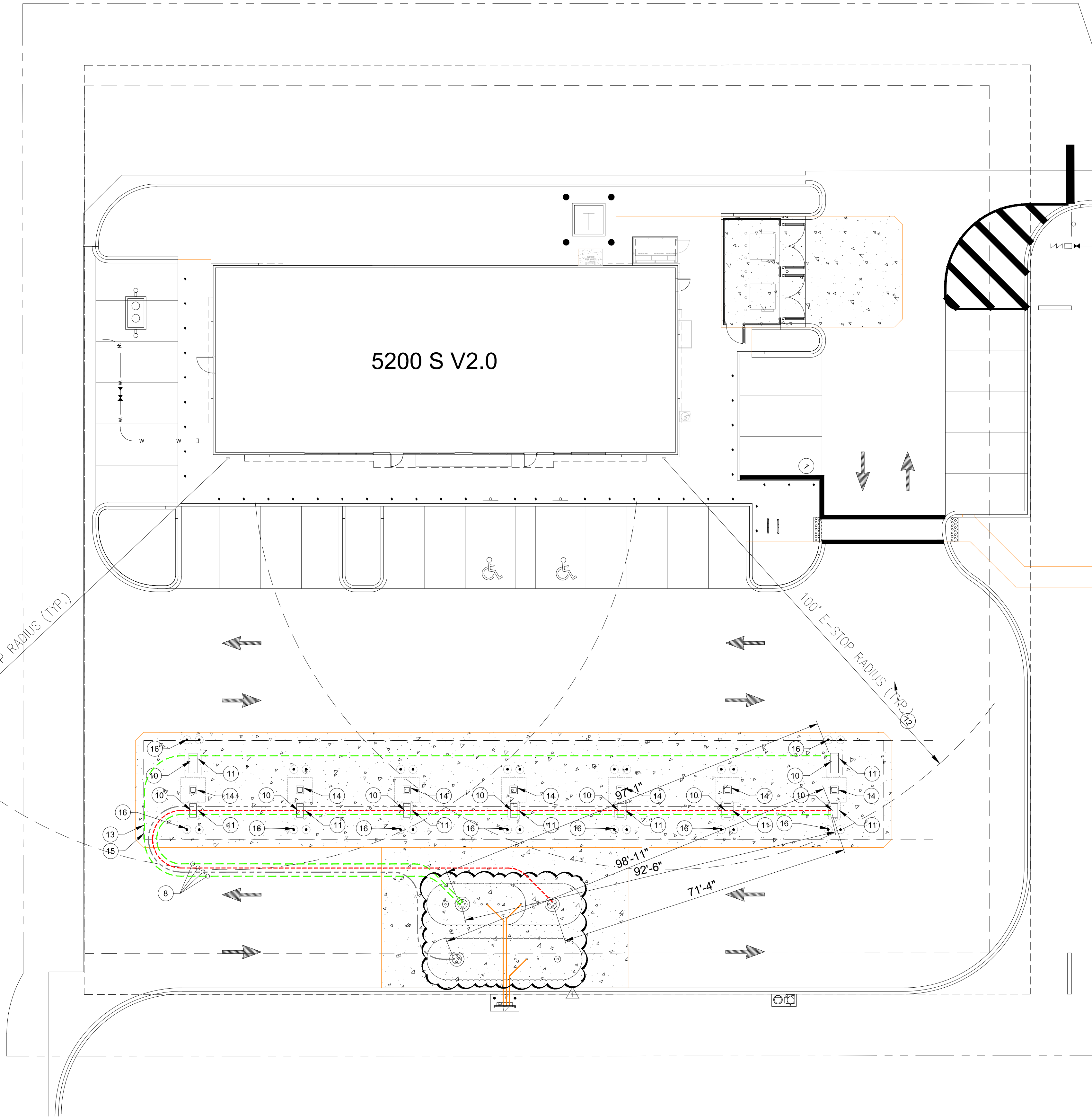
**FUEL PIPING
PLAN**

SHEET NO.:

TK100



1" = 20'
GRAPHIC SCALE
0 10 20 40



KEY SCHEDULE: #

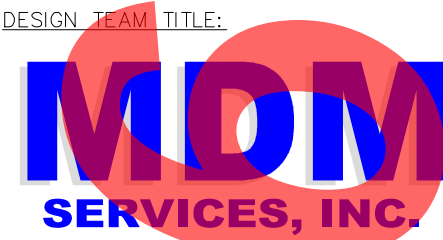
- 1 CIRCLE K STORE; REF. ARCH
- 2 REGULAR UL DOUBLE WALL UNDERGROUND STORAGE TANK; REF. TK301
- 3 PREMIUM UL/NON-ETHANOL DUAL COMPARTMENT DOUBLE WALL UNDERGROUND STORAGE TANK; REF. TK301
- 4 DIESEL DOUBLE WALL UNDERGROUND STORAGE TANK; REF. TK301
- 5 SPARE
- 6 SPARE
- 7 OPTIONAL EXTENDED TANK PAD FOR ASPHALT SITES; REF. TK301
- 8 2" DOUBLE WALL NUPI SMART FLEX PRODUCT PIPING
- 9 2" SINGLE WALL NUPI SMART FLEX VENT PIPING. PIPE TO SLOPE AT MINIMUM SLOPE OF 1/8" PER FOOT BACK TO TANK
- 10 UNDER DISPENSER CONTAINMENT SUMP; REF. TK503
- 11 DISPENSER; REF. TK504
- 12 EMERGENCY STOP BUTTON PLACED 20' MINIMUM/100' MAXIMUM FROM DISPENSER PER NFPA 30A/LOCAL FIRE CODE; REF ELECTRICAL DWGS.
- 13 CANOPY APRON; REF. CIVIL
- 14 CANOPY COLUMN; REF. ARCH
- 15 CANOPY; REF. ARCH
- 16 PIPE BOLLARD; REF DTL TK504
- 17 VENT STACK; REF. TK504

LEGEND	
REGULAR UNLEADED	R
PREMIUM UNLEADED	PR
NON-ETHANOL	EO
DIESEL	D
VENT	V

SUB PUMP QUANTITIES AND FLOW RATES					
PRODUCT	STP QTY.	DISTANCE FROM TANK TO 1ST DISPENSER	DISTANCE BETWEEN DISPENSERS	MAX. NUMBER OF NOZZLES THAT CAN OPERATE CONTINUOUSLY AT 10 GPM	TOTAL LENGTH OF PIPING
REGULAR UL	2 - 2HP	98'-11"	26'	12	265'-6"
PREMIUM UL	1 - 2HP	71'-4"	26'	12	273'-4"
DIESEL (AUTO)	1 - 2HP	92'-6"	26'	4	248'-8"
DIESEL	1 - 2HP	97'-1"	156'	4	267'-8"



CIRCLE K STORES, INC.
Gulf Coast Business Unit



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1 5/13/26 REVISED TANKS

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LEESBURG, FLORIDA 34788

SCALE: AS NOTED MDM JOB # 25013

DATE: 09/15/2025

DESIGNED BY:

DRAWN BY: PH FILE NAME: TK101.DWG

CHECKED BY:

DRAWING TITLE:

TANK & PIPING DETAILS

SHEET NO.:

TK101



CIRCLE K STORES, INC.
**Gulf Coast
Business
Unit**

DESIGN TEAM TITLE:
**MDM
SERVICES, INC.**

engineering • environmental • construction

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1 5/13/26 REVISED TANKS

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**TANK AND PIPING
PLANS & DETAILS**

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**US HWY 41 &
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LEESBURG, FLORIDA
34788**

SCALE: AS NOTED MDM JOB # 25013

DATE: 09/15/2025

DESIGNED BY:

DRAWN BY: PH FILE NAME: TK102.DWG

CHECKED BY:

DRAWING TITLE:

**SCHEMATIC
WIRING, PIPING
& DETAILS**

SHEET NO.:

TK102

DISPENSERS AND TANKS CONDUCTOR REQUIREMENTS			
DESCRIPTION	COLOR	SIZE	
REGULAR STP #1	BROWN	#10	
REGULAR STP #2	TAN	#10	
PREMIUM STP	RED	#10	
FUTURE STP	PURPLE	#10	
DIESEL #1 STP	YELLOW	#10	
DIESEL #2 STP	ORANGE	#10	
E0 STP	BLUE	#10	
DEF	PINK	#10	
DISPENSER POWER	BLACK, WHITE & GREEN	#10	
REGULAR #1 SWITCH LEG	BROWN	#12	
REGULAR #2 SWITCH LEG	TAN	#12	
PREMIUM SWITCH LEG	RED	#12	
FUTURE SWITCH LEG	PURPLE	#12	
DIESEL #1 SWITCH LEG	YELLOW	#12	
DIESEL #2 SWITCH LEG	ORANGE	#12	
E0 SWITCH LEG	BLUE	#12	
DEF SWITCH LEG	PINK	#12	
DATA	BLACK & RED (DATA)	#18 TWISTED PAIR (10-12 TWISTS/FT)	
CRIND	PURPLE & YELLOW (CRIND)	#18 TWISTED PAIR (10-12 TWISTS/FT)	
INTERCOM	(2) #22 SHIELDED TWISTED PAIR	WCW #FEP-22-2P-EPS (OE)	
VEEDER-ROOT SENSORS	(1) #18 SHIELDED TWISTED PAIR	BELDEN #88760 (OE)	

STORE ELECTRICIAN TO ROUGH IN CONDUIT AT ELECTRICAL ROOM AND RUN TO PETROLEUM ELECTRICIAN'S POINT OF INTERCEPTION 30' FROM FRONT OF STORE.

PETROLEUM ELECTRICIAN TO INTERCEPT CONDUIT 30' FROM FRONT OF STORE AND COMPLETE RUNS TO DISPENSERS, CANOPY, AND TANKS. PETROLEUM ELECTRICIAN RESPONSIBLE FOR ALL WIRING. REFER TO PETROLEUM ELECTRICAL DRAWINGS FOR WIRE TYPES.

NOTE: CONDUIT ROUTING SHOWN ON THIS PLAN IS DIAGRAMMATIC. CONDUIT RUNS CAN NOT EXCEED 360 DEGREE BENDS

CANOPY APRON
BELOW; REF. CIVIL

CANOPY ABOVE;
REF. ARCH

CK PREFERENCE FOR
DISPENSERS TO BE
INSTALLED ON GRADE.
ONLY INSTALL ON
ISLAND IF REQUIRED BY
LOCAL AHI.

SEE SERVICE ISLAND
- DETAIL ON SHEET
TK504

NOTE:

CONDUITS REQUIRED PER DISPENSER:

- (1) 3/4" FOR INTERCOM
- (1) 3/4" FOR POWER
- (1) 3/4" FOR VEEDER ROOT SENSOR IN DISPENSER SUMP
- (1) 3/4" FOR CRIND

POWER CONDUIT REQUIRED PER SUB PUMP:

- (1) 3/4" CONDUIT

LV CONDUIT REQUIRED PER TANK:

- (1) 3/4" CONDUIT TO EACH PRODUCT AND ADJACENT PROBES

VEEDER-ROOT ALARM:

- (1) 3/4" CONDUIT

CANOPY LIGHTS, SPEAKERS, AND SIGNS:

- (4) 3/4" CONDUIT FOR LIGHTS
- (1) 3/4" CONDUIT FOR SPEAKERS

CANOPY SECURITY CAMERAS:

- (3) 1" CONDUIT

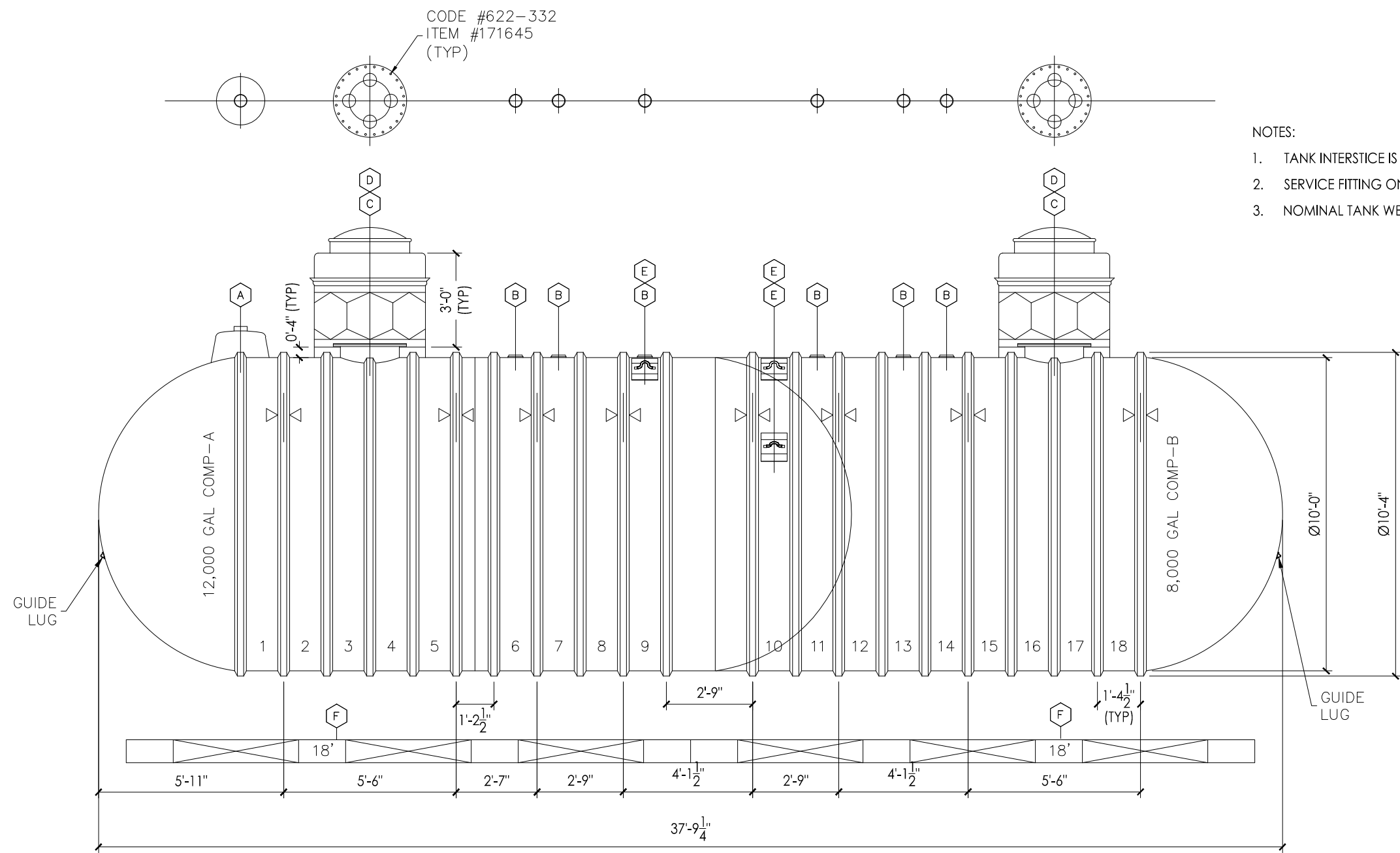
NUMBER WILL VARY BASED ON NUMBER OF DISPENSERS AND SUB PUMPS.
REFER TO TK101 FOR TYPE AND QUANTITY OF DISPENSERS.

LEGEND

F - FILL
V - VAPOR
T - TANK LEVEL MONITOR
STP - SUBMERSIBLE TURBINE PUMP
X - EXTRA TANK OPENING
I - INTERSTITIAL SPACE
LD - LEAK DETECTOR
SS - SUMP SENSOR

P - PREMIUM UNLEADED
U - UNLEADED
V - VENT
D - DIESEL
C - ELECT. CONDUIT

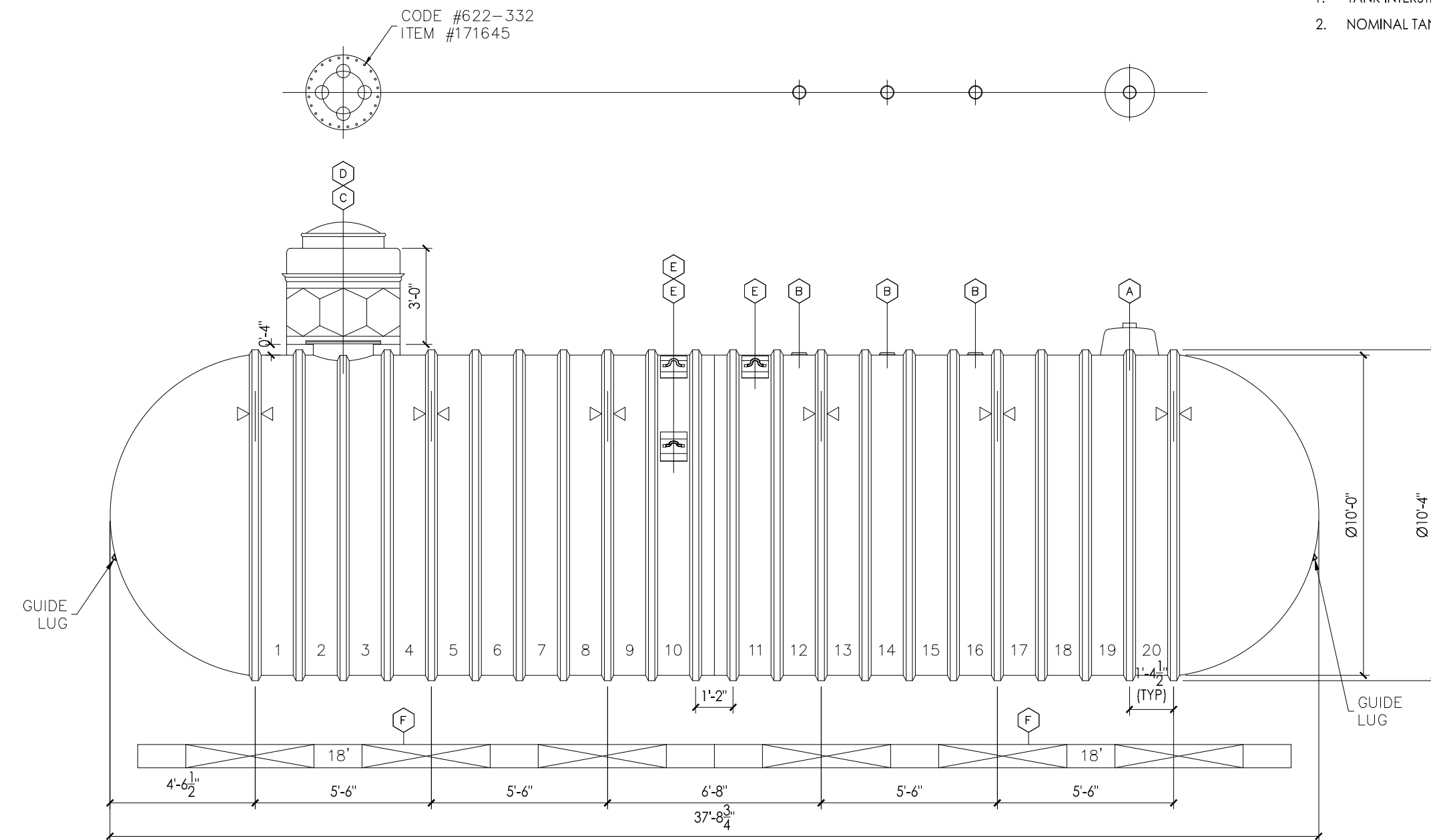
P
U
D
V



- NOTES:
1. TANK INTERSTICE IS FACTORY BRINE FILLED.
 2. SERVICE FITTING ON FLAT #11 IS FOR A VENT ONLY.
 3. NOMINAL TANK WEIGHT : 12,700 lbs

ITEM	QTY	DESCRIPTION
A	1	18"DIA HYDROSTATIC MONITORING RESERVOIR WITH 4"NPT FITTING
B	6	4"NPT SERVICE FITTING WITH STRIKER PLATE
C	2	22"DIA MANWAY WITH 4-4"NPT FITTINGS IN COVER & STRIKER PLATE
D	2	42"DIA SW CONTAINMENT COLLAR & 36"HIGH 8 SIDED SW SUMP WITH 30"DIA LEVER LOCK WATERTIGHT TOP
E	3	LIFTING LUG (12"x10") 22.5", 22.5", 45"
F	4	18" PREFABRICATED CONCRETE DEADMEN
△<	8	HOLD DOWN STRAP LOCATION

1 20K GALLON DUAL COMPARTMENT UNDERGROUND STORAGE TANK (12K/8K SPLIT)



- NOTES:
1. TANK INTERSTICE IS FACTORY BRINE FILLED.
 2. NOMINAL TANK WEIGHT : 11,300 lbs

ITEM	QTY	DESCRIPTION
A	1	18"DIA HYDROSTATIC MONITORING RESERVOIR WITH 4"NPT FITTING
B	3	4"NPT SERVICE FITTING WITH STRIKER PLATE
C	1	22"DIA MANWAY WITH 4-4"NPT FITTINGS IN COVER & STRIKER PLATE
D	1*	42"DIA SW CONTAINMENT COLLAR & 36"HIGH 8 SIDED SW SUMP WITH 30"DIA LEVER LOCK WATERTIGHT TOP
D	1*	48"DIA SW CONTAINMENT COLLAR & 36"HIGH 8 SIDED SW SUMP WITH 30"DIA LEVER LOCK WATERTIGHT TOP
E	3	LIFTING LUG (12"x10") 22.5", 22.5", 45"
F	4	18" PREFABRICATED CONCRETE DEADMEN
△<	6	HOLD DOWN STRAP LOCATION

*USE 42" COLLAR AND SUMP FOR TANKS WITH (1) STPS ONLY

*USE 48" COLLAR AND SUMP FOR TANKS WITH (2) STPS

2 20K GALLON UNDERGROUND STORAGE TANK (10' DIAMETER)

SCALE: NTS

3 SCALE: NTS

4 SCALE: NTS



CIRCLE K STORES, INC.
**Gulf Coast
Business
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DESIGN TEAM TITLE:

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FL REG # 73113

**TANK AND PIPING
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34788**

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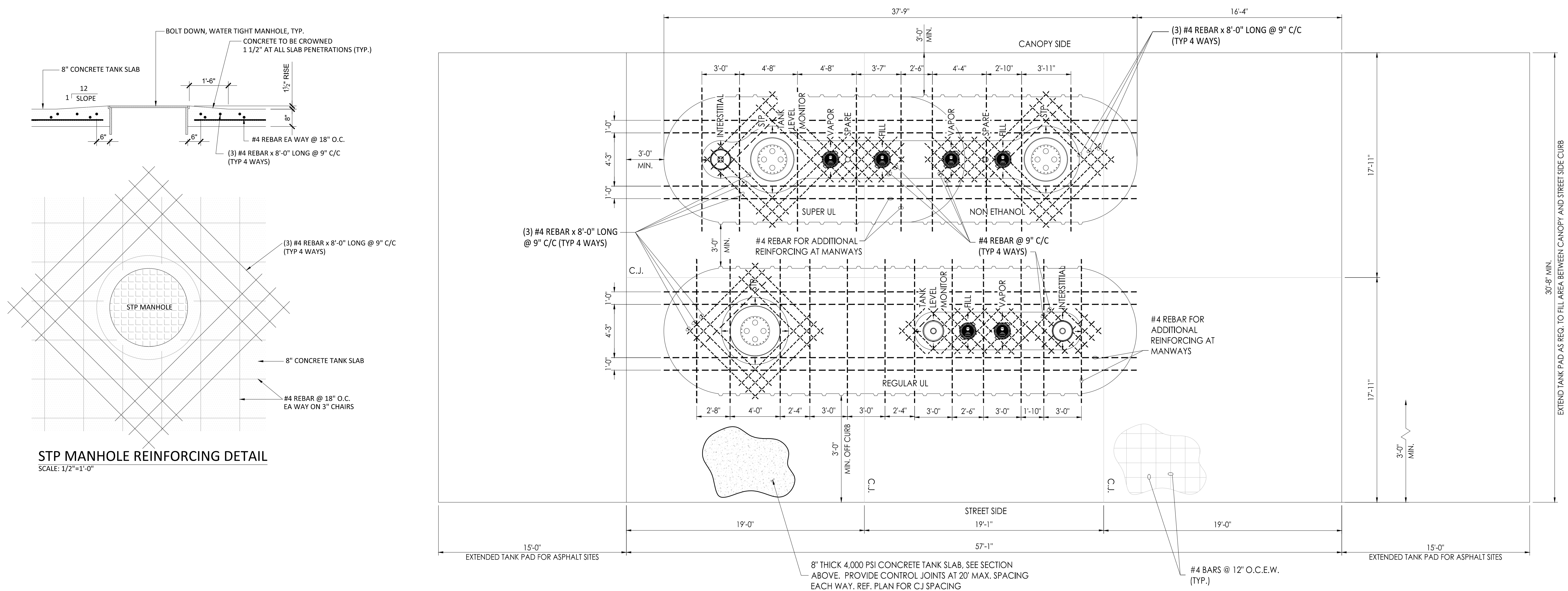
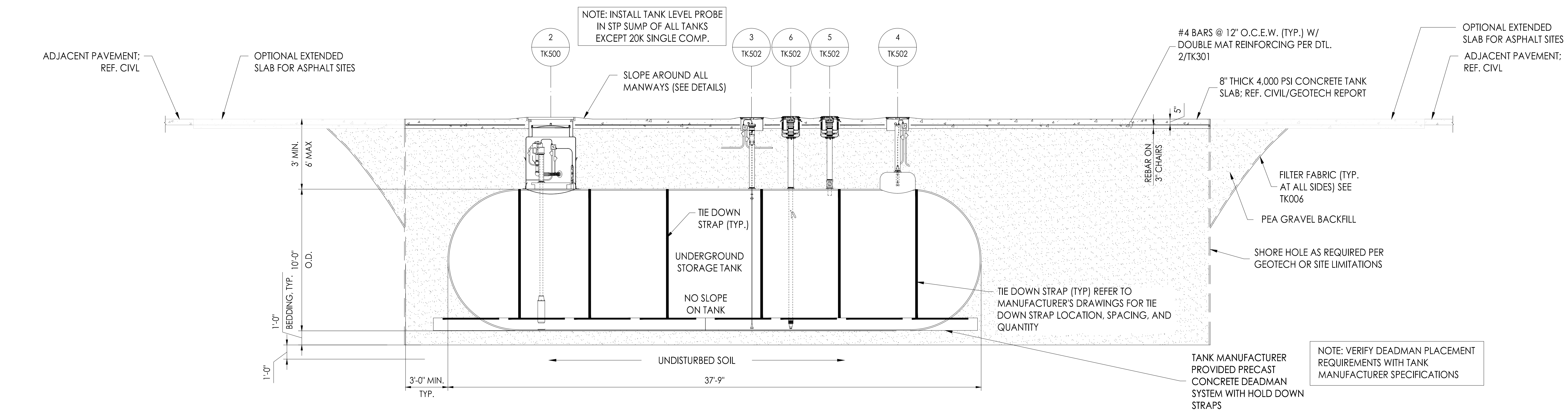
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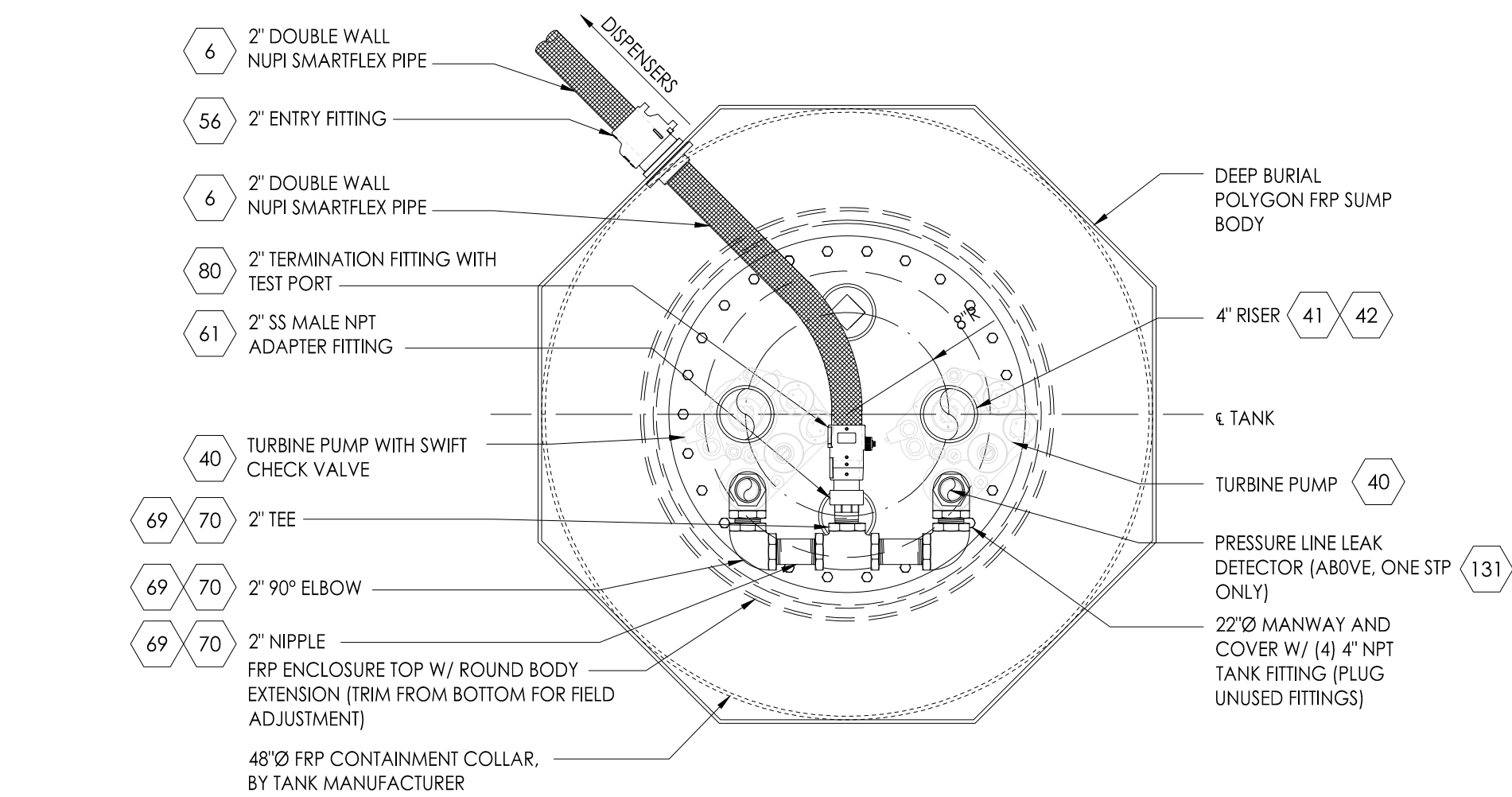
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**STANDARD
TANKS**

SHEET NO:

TK201

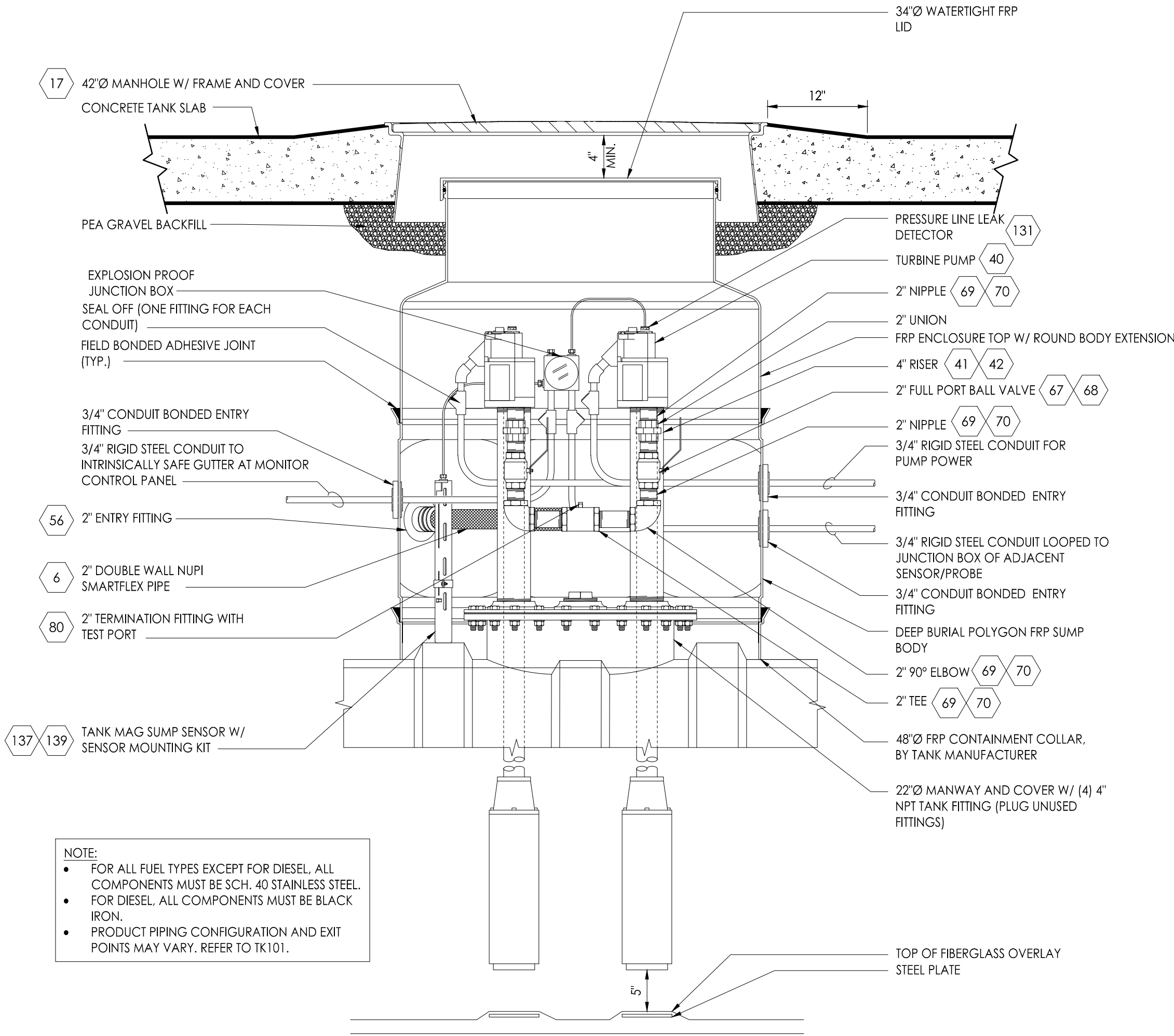




PLAN VIEW AT MANWAY

1 TANK SUMP DETAIL - PLAN

SCALE: NTS



NOTE:

- FOR ALL FUEL TYPES EXCEPT FOR DIESEL, ALL COMPONENTS MUST BE SCH. 40 STAINLESS STEEL.
- FOR DIESEL, ALL COMPONENTS MUST BE BLACK IRON.
- PRODUCT PIPING CONFIGURATION AND EXIT POINTS MAY VARY; REFER TO TK101.

SECTION

2 TANK SUMP DETAIL - PROFILE

SCALE: NTS



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engineering • environmental • construction

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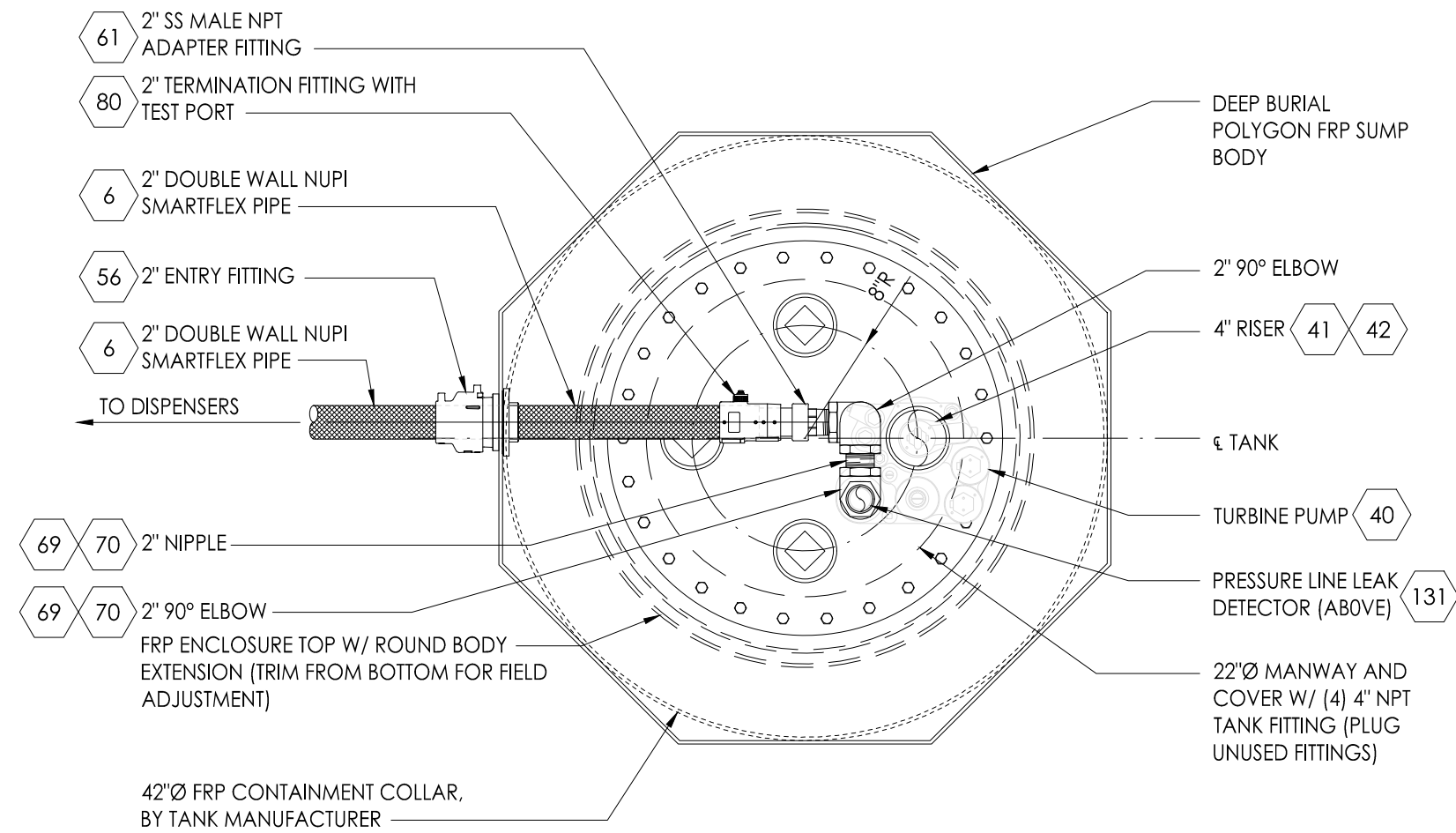
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DRAWING TITLE:

**TANK SUMP
DETAILS**

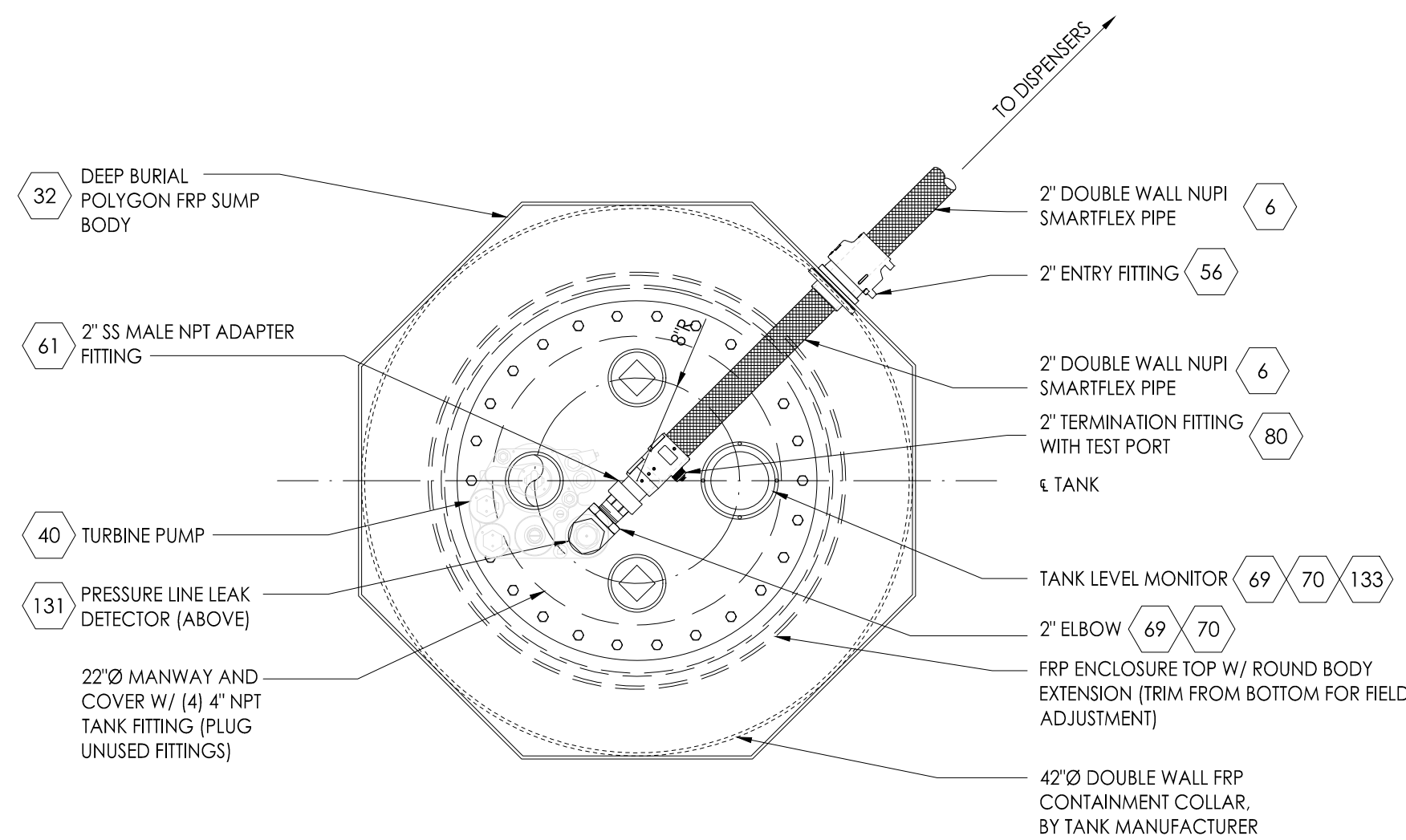
SHEET NO.:

TK500



NOTE:

- FOR ALL FUEL TYPES EXCEPT FOR DIESEL, ALL COMPONENTS MUST BE SCH. 40 STAINLESS STEEL.
- FOR DIESEL, ALL COMPONENTS MUST BE BLACK IRON.
- PRODUCT PIPING CONFIGURATION AND EXIT POINTS MAY VARY. REFER TO TK101.



NOTE:

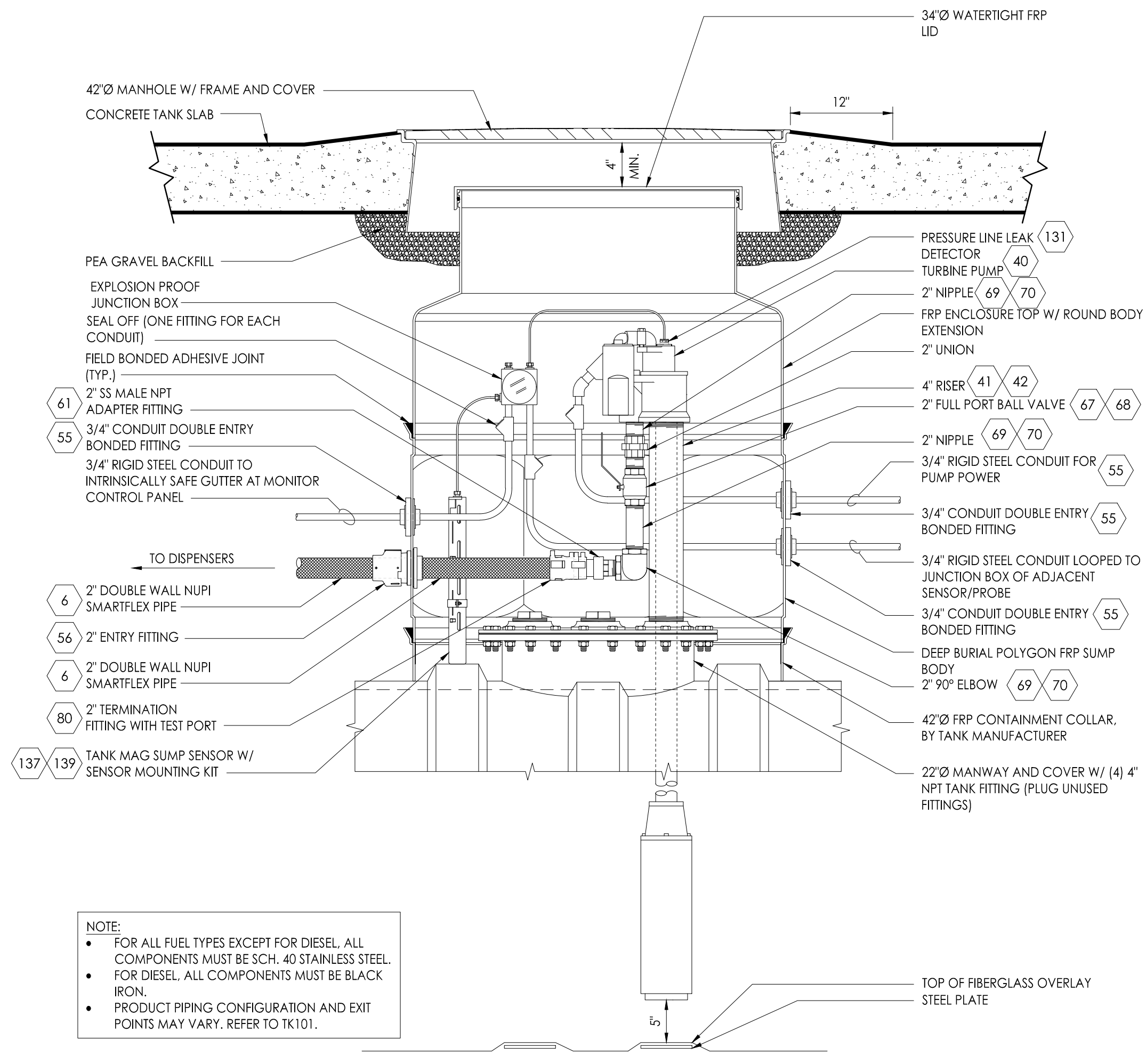
- FOR ALL FUEL TYPES EXCEPT FOR DIESEL, ALL COMPONENTS MUST BE SCH. 40 STAINLESS STEEL.
- FOR DIESEL, ALL COMPONENTS MUST BE BLACK IRON.
- PRODUCT PIPING CONFIGURATION AND EXIT POINTS MAY VARY. REFER TO TK101.

1 TANK SUMP DETAIL - PLAN

SCALE: NTS

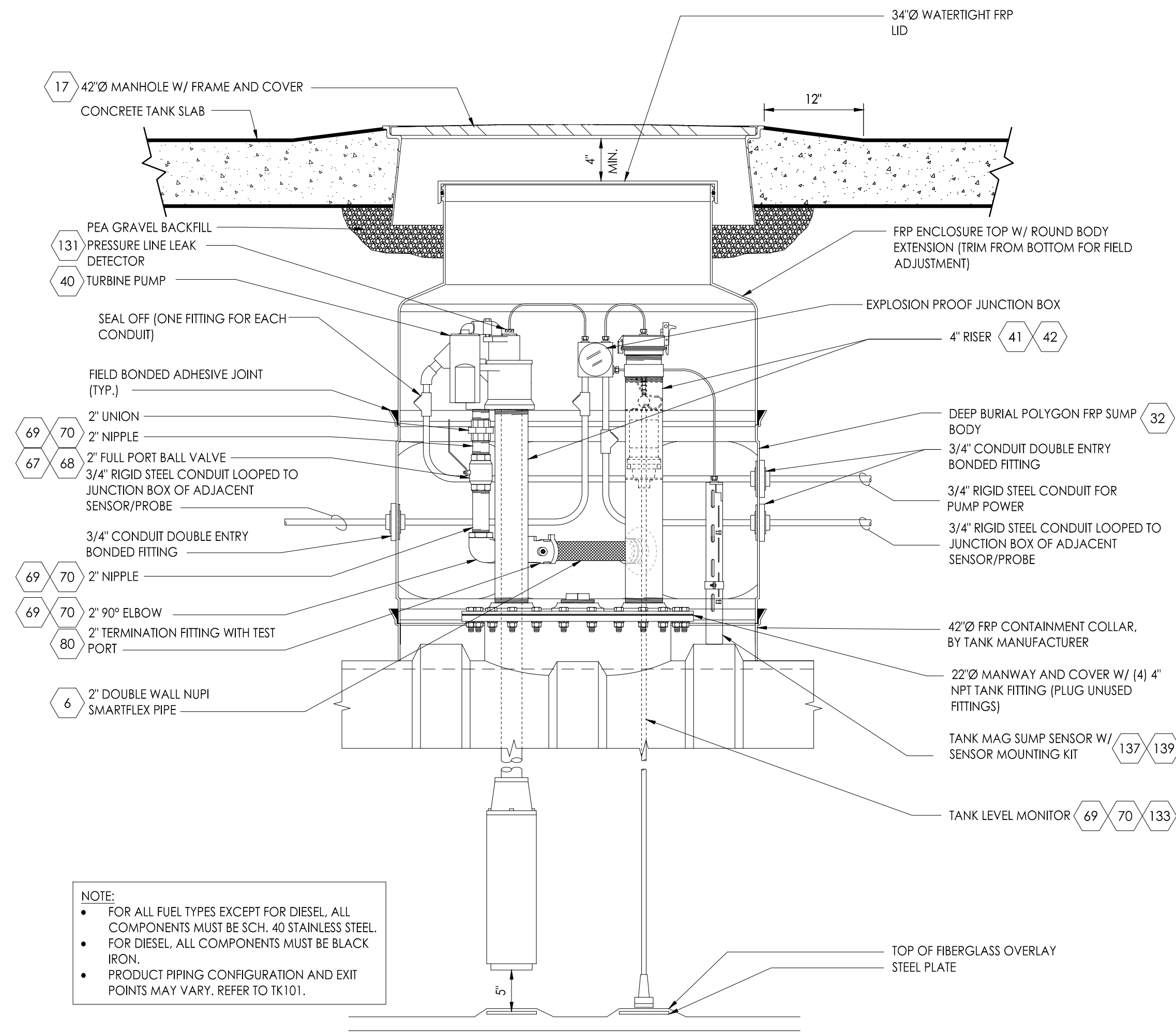
3 TANK SUMP DETAIL - PLAN

SCALE: NTS



NOTE:

- FOR ALL FUEL TYPES EXCEPT FOR DIESEL, ALL COMPONENTS MUST BE SCH. 40 STAINLESS STEEL.
- FOR DIESEL, ALL COMPONENTS MUST BE BLACK IRON.
- PRODUCT PIPING CONFIGURATION AND EXIT POINTS MAY VARY. REFER TO TK101.



NOTE:

- FOR ALL FUEL TYPES EXCEPT FOR DIESEL, ALL COMPONENTS MUST BE SCH. 40 STAINLESS STEEL.
- FOR DIESEL, ALL COMPONENTS MUST BE BLACK IRON.
- PRODUCT PIPING CONFIGURATION AND EXIT POINTS MAY VARY. REFER TO TK101.

2 TANK SUMP DETAIL - PROFILE

SCALE: NTS

4 TANK SUMP DETAIL - PROFILE

SCALE: NTS



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Gulf Coast Business Unit

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US HWY 41 & COLLEGE DRIVE, LEESBURG, FLORIDA 34788

SCALE: AS NOTED MDM JOB # 25013

DATE: 09/15/2025

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DRAWING TITLE:

TANK SUMP DETAILS

SHEET NO.:

TK501



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**Gulf Coast
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1 5/13/26 REMD MON. WELLS

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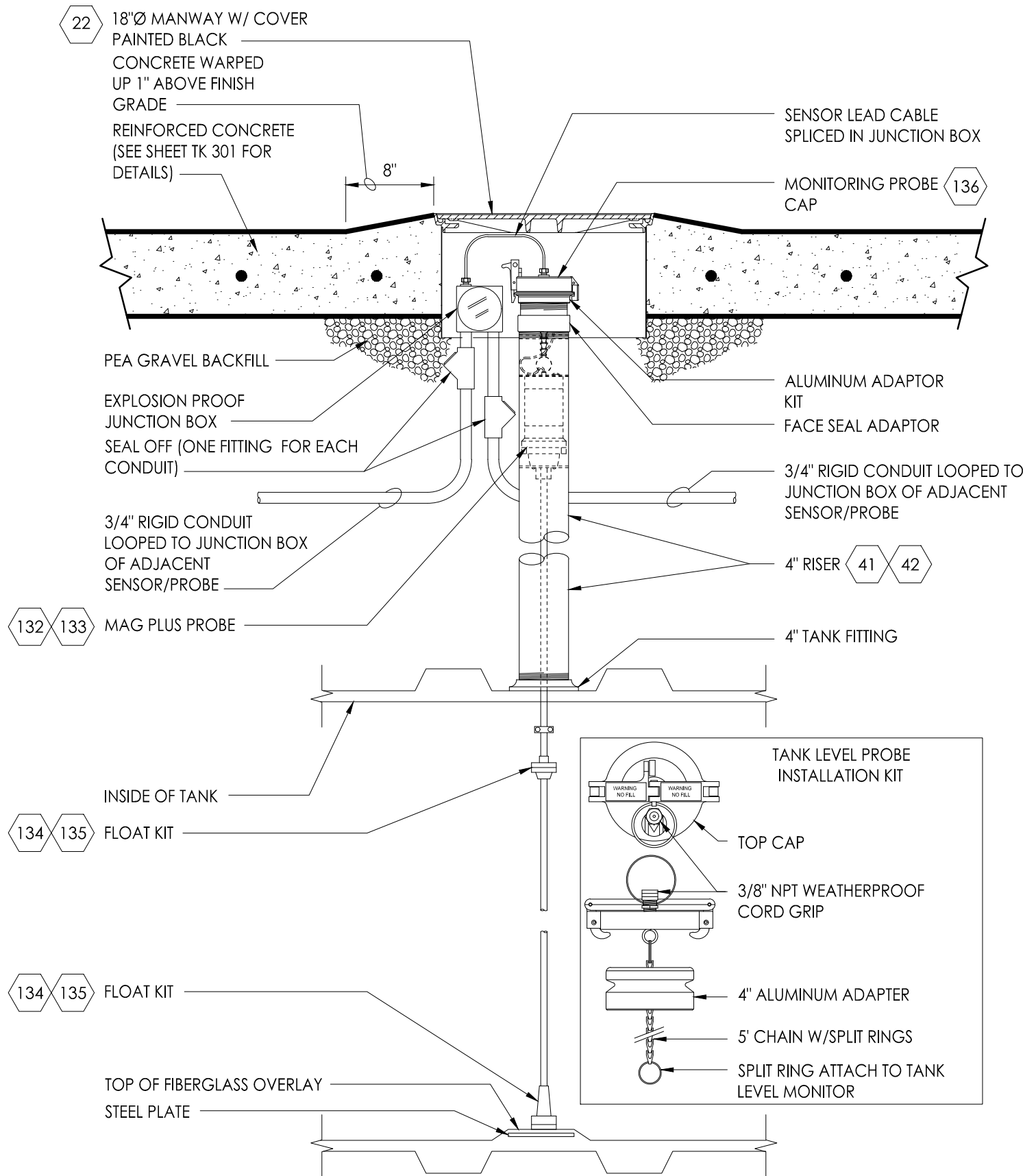
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DRAWING TITLE:

**TANK TOP
HARDWARE
DETAILS**

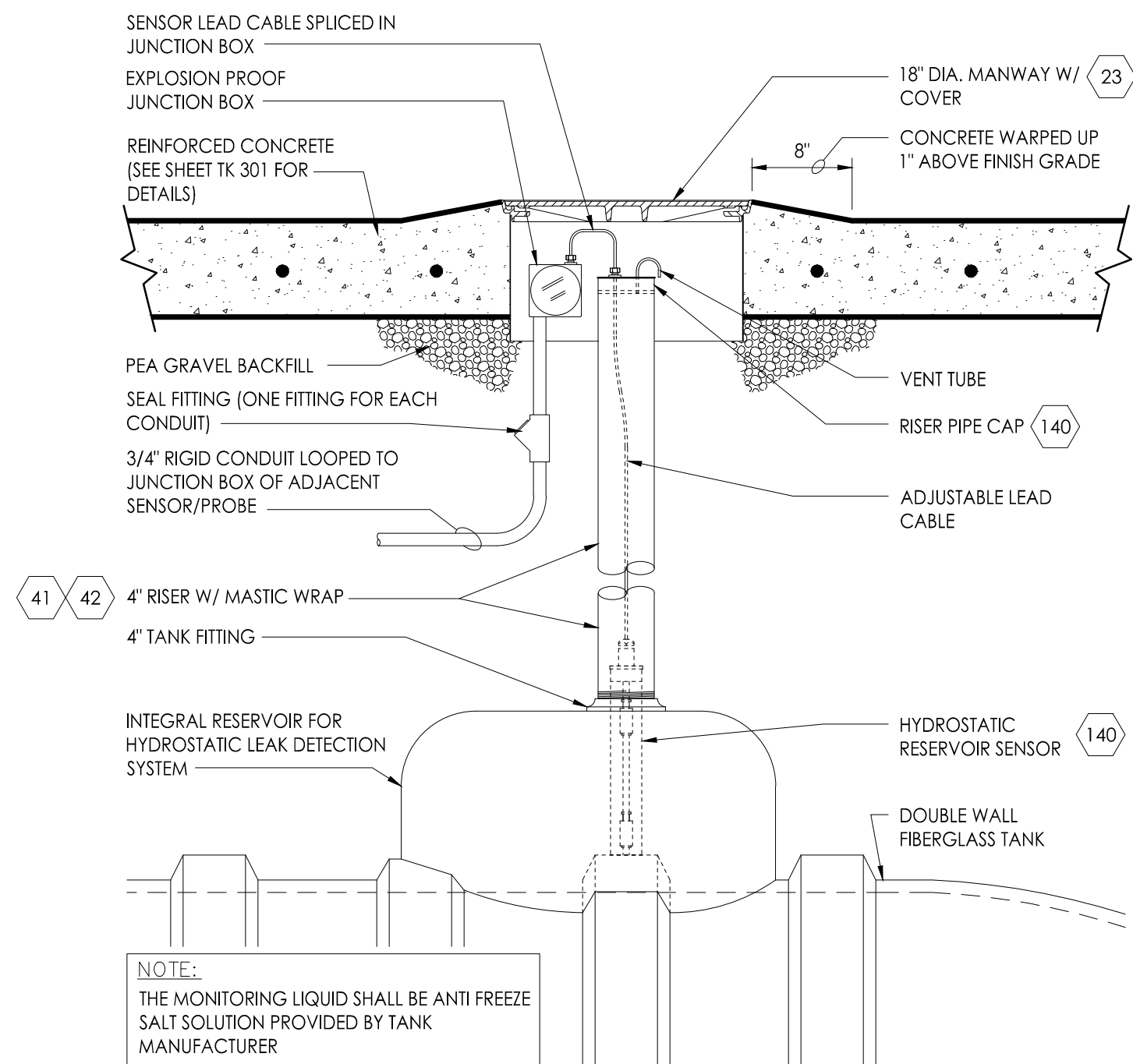
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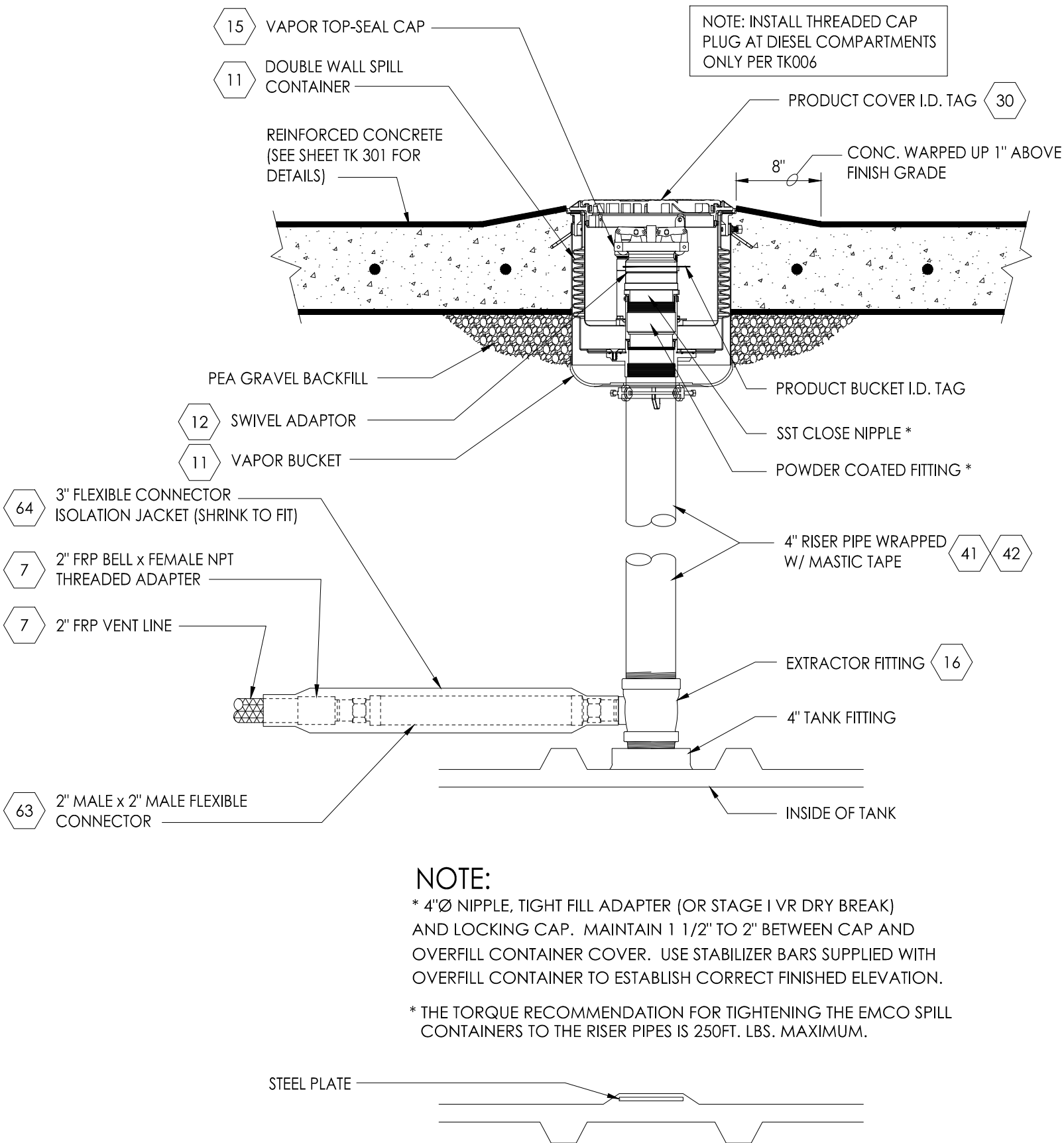
3 TANK LEVEL MONITOR DETAIL

SCALE: NONE



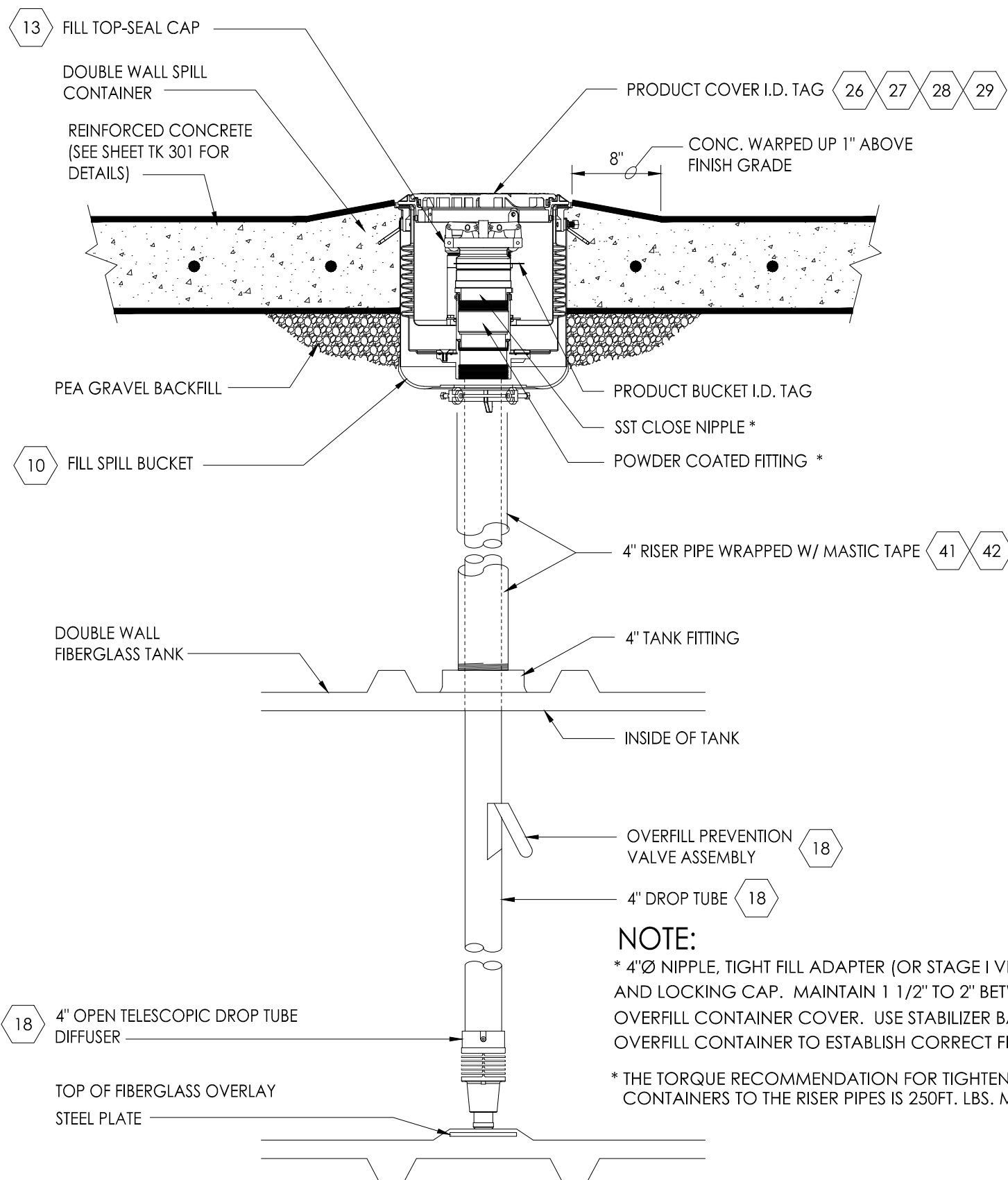
4 INTERSTITIAL MONITOR DETAIL

SCALE: NONE



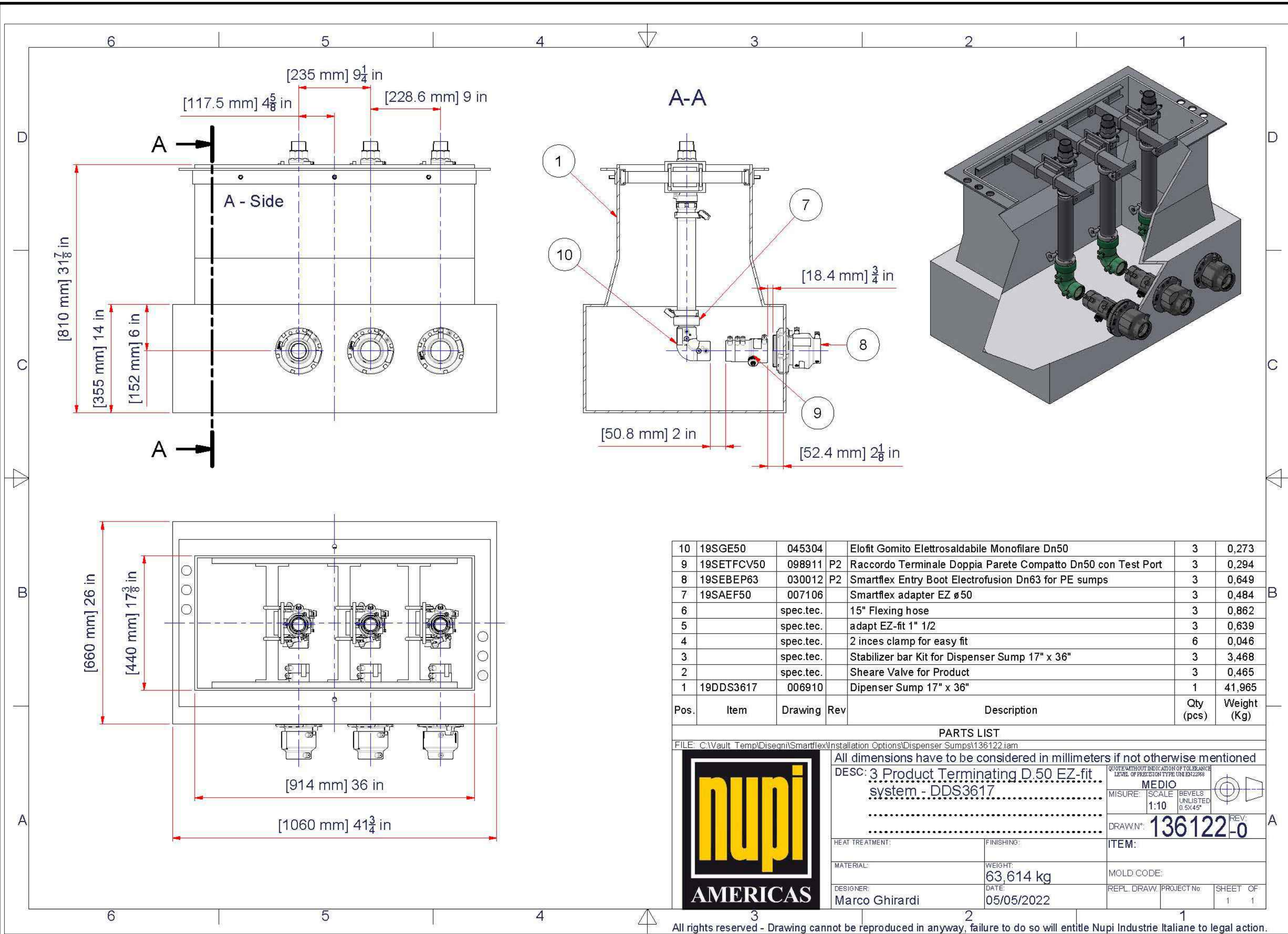
5 VAPOR RISER DETAIL

SCALE: NONE

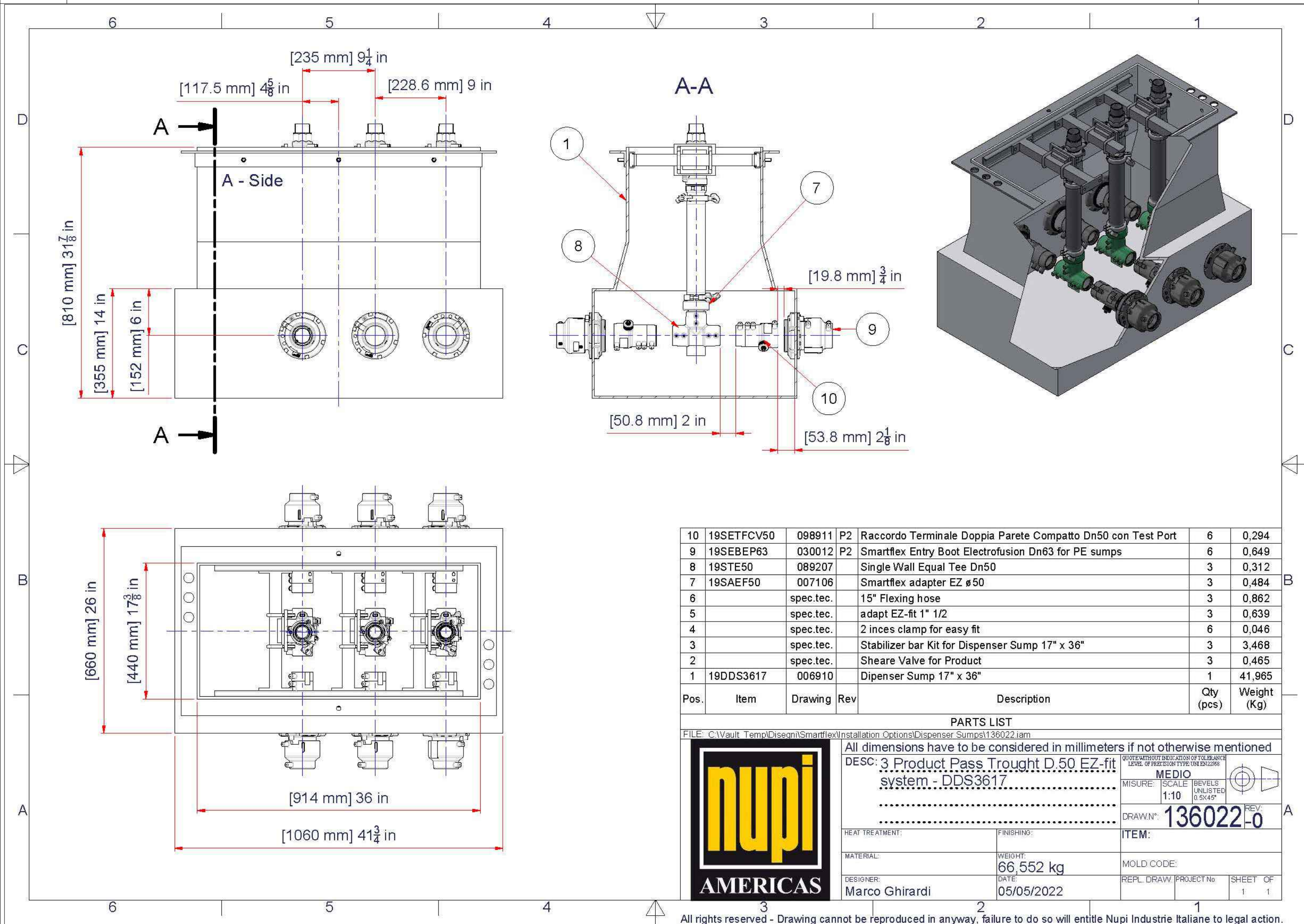


6 FILL RISER DETAIL

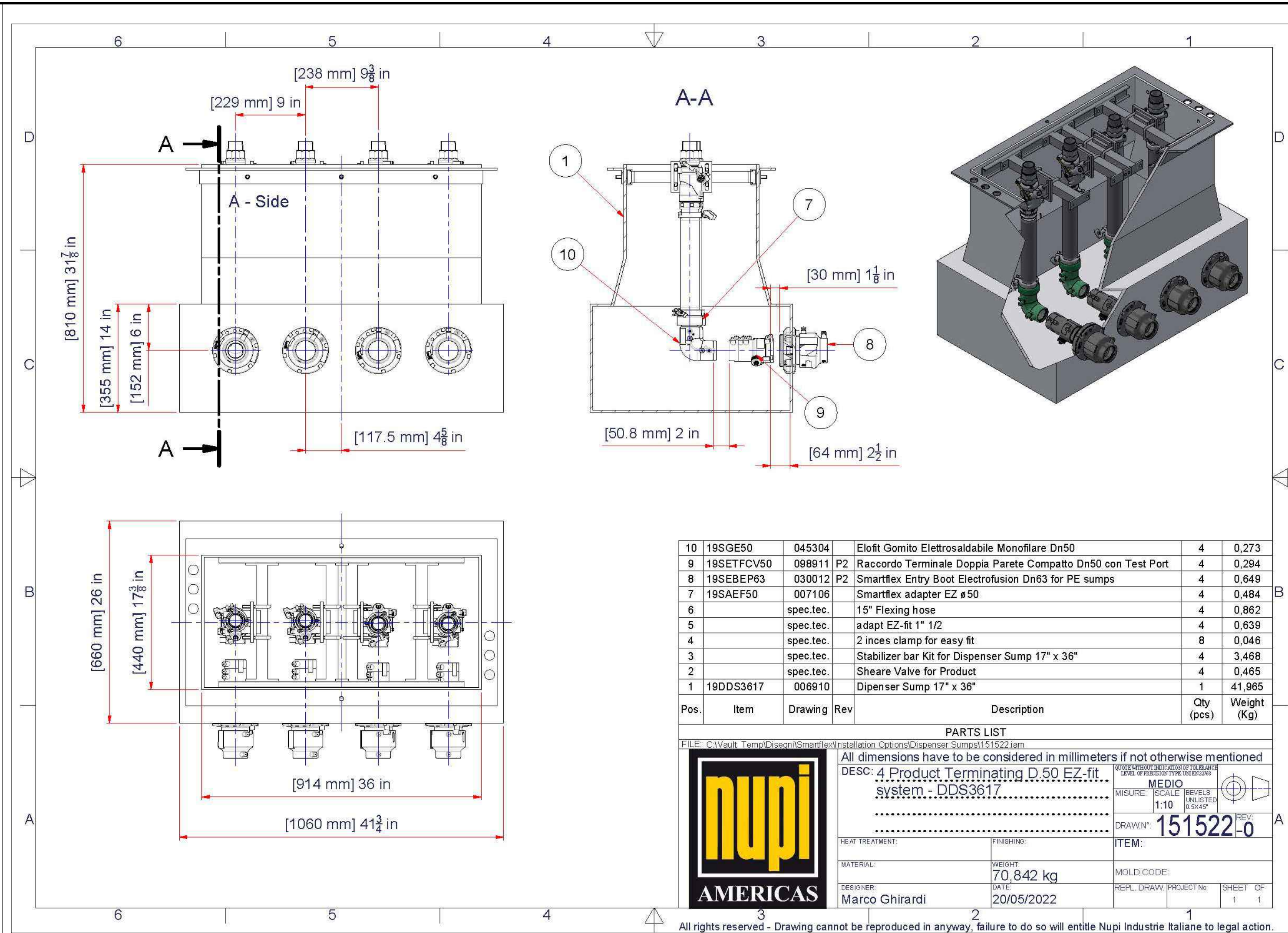
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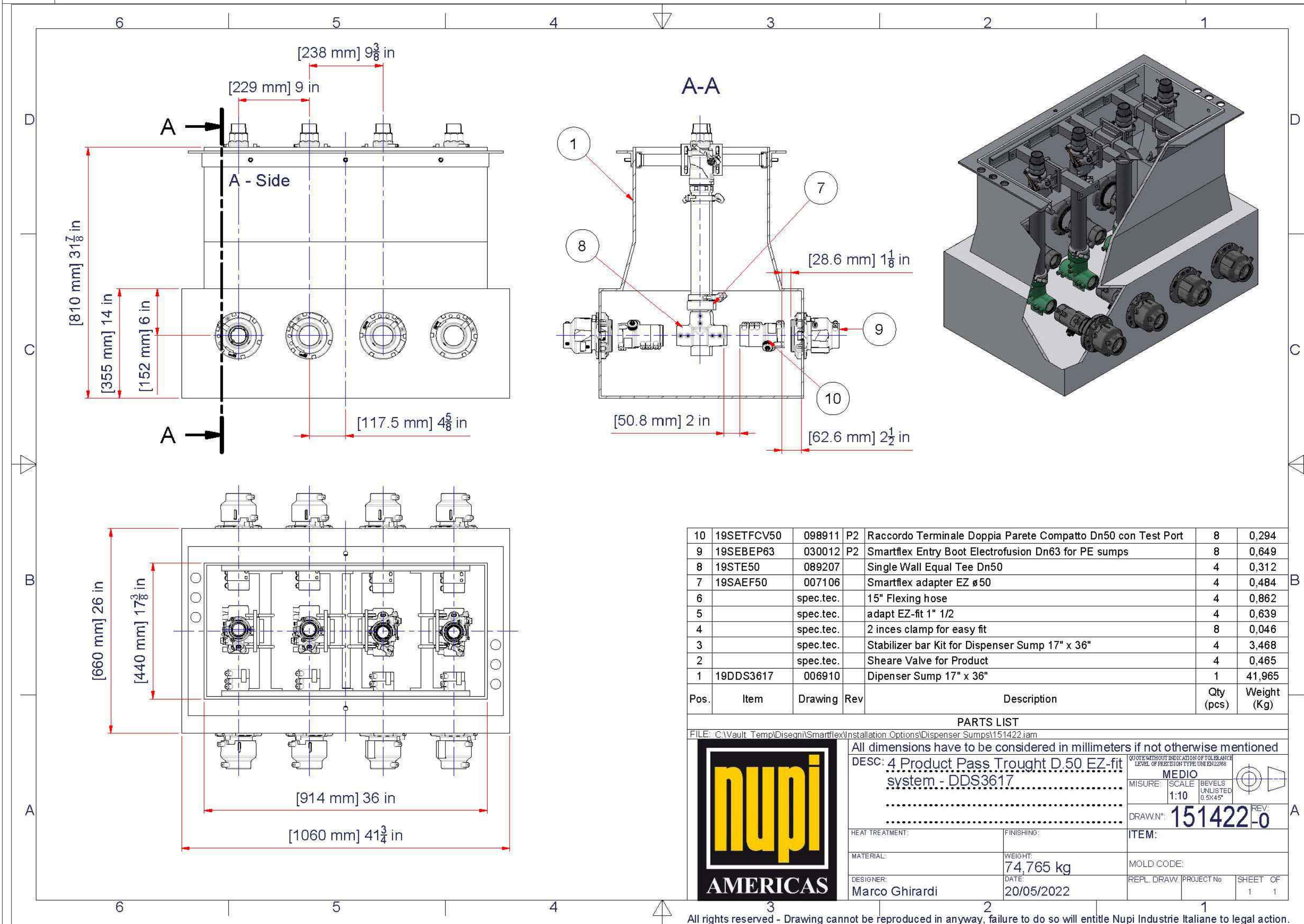
1 3+1 DISPENSER SUMP SECTION (TERMINATION) SCALE: NTS



2 3+1 DISPENSER SUMP SECTION (THRU & THRU) SCALE: NTS



3 3+1+1 DISPENSER SUMP SECTION (TERMINATION) SCALE: NTS



4 3+1+1 DISPENSER SUMP SECTION (THRU & THRU) SCALE: NTS



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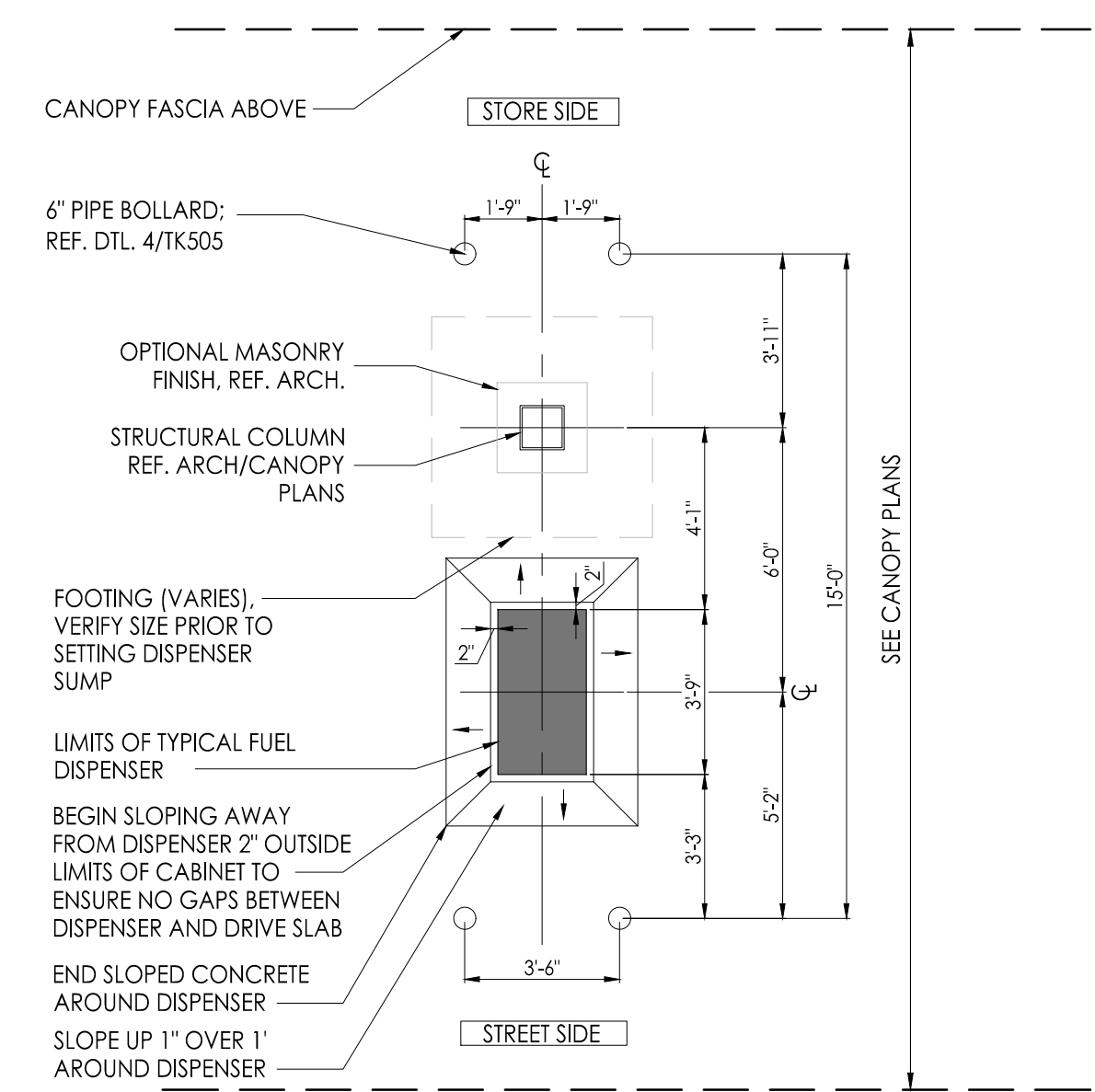
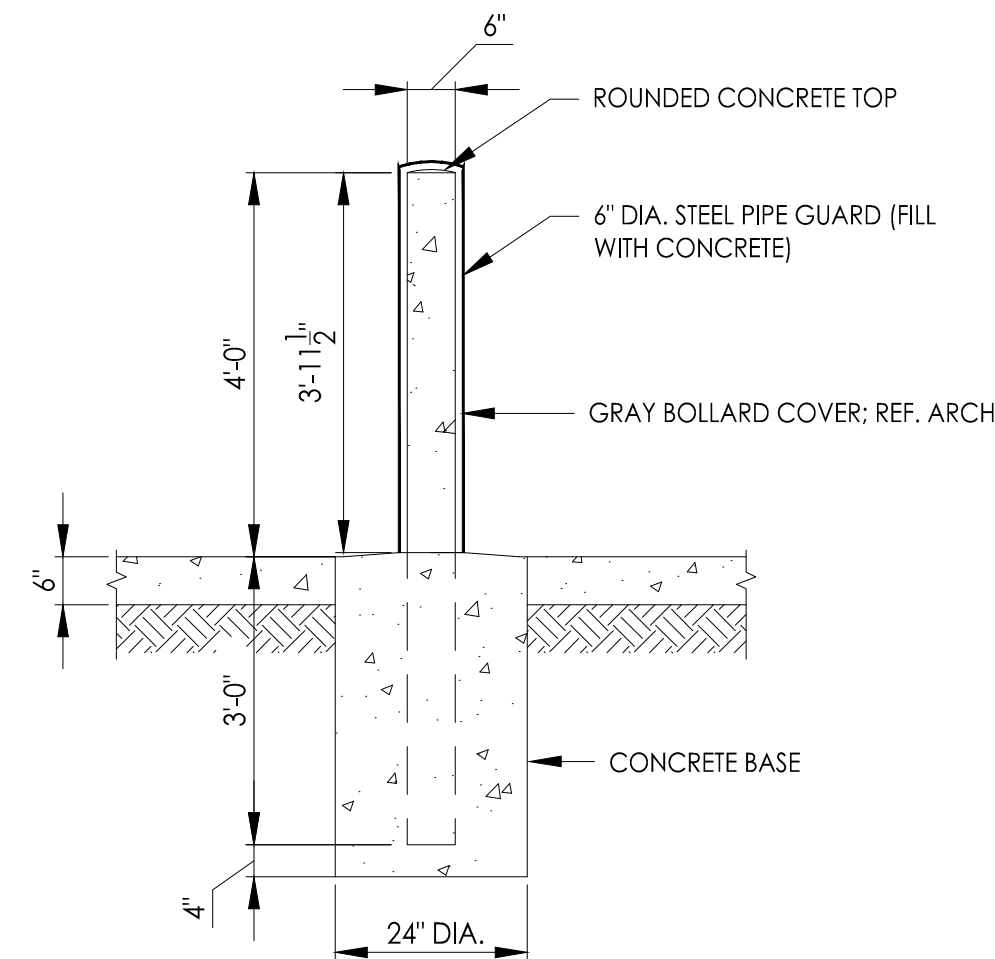
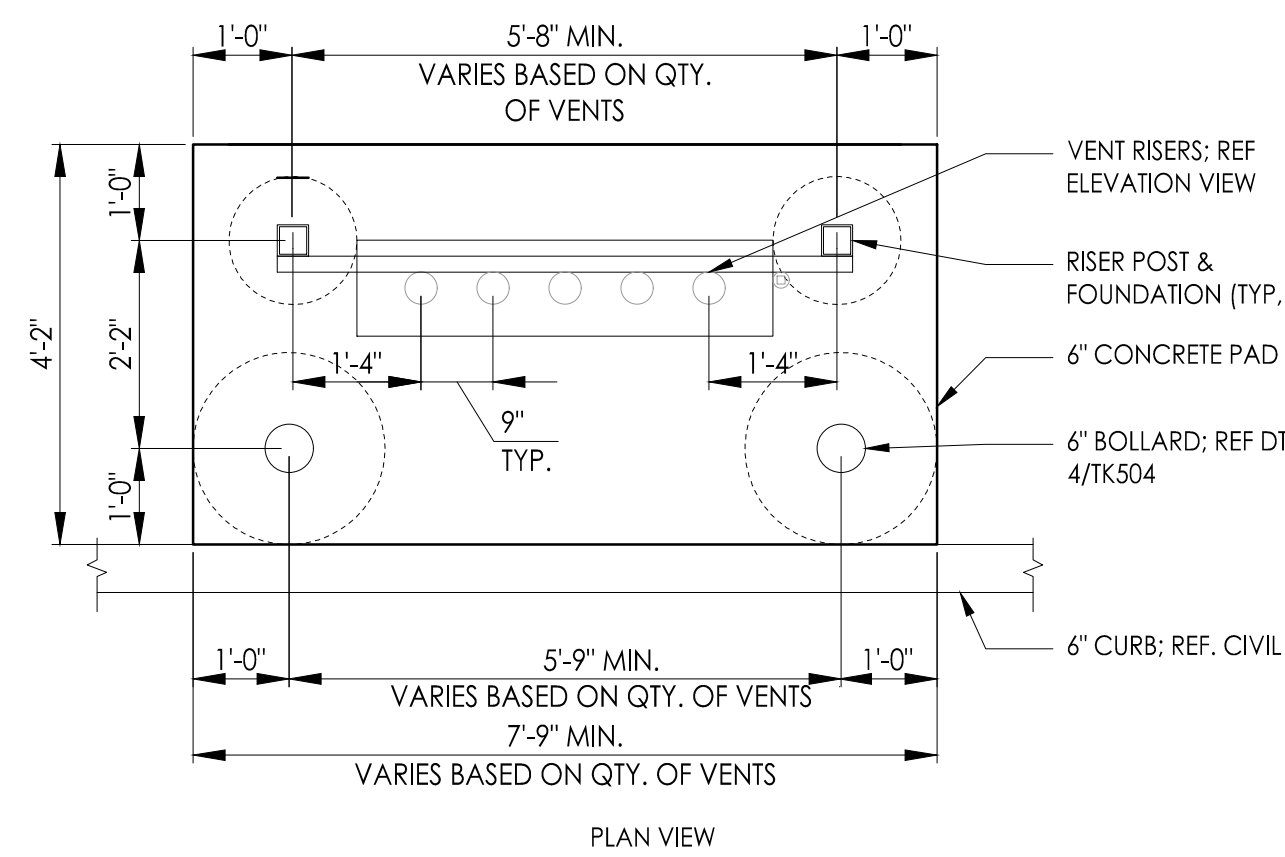
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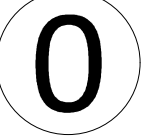
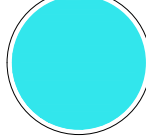
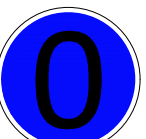
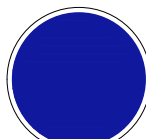
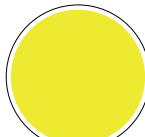
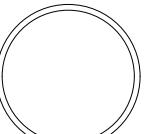
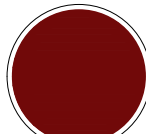
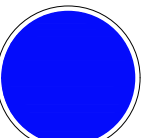
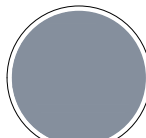
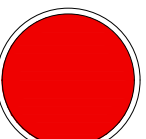
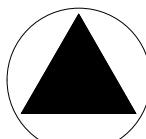
DRAWING TITLE:

DISPENSER SUMP DETAILS

SHEET NO.:

TK503



	REGULAR E0 UNLEADED: LID PAINTED WHITE WITH "0" PAINTED IN BLACK		E15 FUEL: LID PAINTED BROWN WITH "E15" PAINTED IN BLACK		BIODIESEL B100/B99.9: LID PAINTED LIGHT BLUE
	MIDGRADE E0 UNLEADED: LID PAINTED BLUE WITH "0" PAINTED IN BLACK		E85 FUEL: LID PAINTED BROWN WITH "E85" PAINTED IN BLACK		DIESEL EXHAUST FLUID: PAINT DARK BLUE
	PREMIUM E0 UNLEADED: LID PAINTED RED WITH "0" PAINTED IN BLACK		ON-ROAD ULTRA LOW SULFUR DIESEL: LID PAINTED YELLOW		FUEL OIL #2: LID PAINTED GREEN WITH "2" PAINTED IN BLACK
	REGULAR E10 UNLEADED: LID PAINTED WHITE		ON-ROAD ULTRA LOW SULFUR DIESEL B20% BIODESEL: LID PAINTED YELLOW WITH "B20" PAINTED IN BLACK		KEROSENE: LID PAINTED BROWN
	MIDGRADE E10 UNLEADED: LID PAINTED BLUE		OFF-ROAD ULTRA LOW SULFUR DIESEL: LID PAINTED YELLOW WITH "OFF" PAINTED IN RED		USED OIL: LID PAINTED GRAY
	PREMIUM E10 UNLEADED: LID PAINTED RED		OFF-ROAD ULTRA LOW SULFUR DIESEL: LID PAINTED YELLOW WITH "OFF" PAINTED IN RED AND "B20" PAINTED IN BLACK		MONITORING WELL: LID PAINTED WHITE WITH BLACK TRIANGLE
					VAPOR RECOVERY: LID PAINTED ORANGE

2 API COLOR CODES FOR MANWAYS

DISPENSER ELEVATION

SCALE: 1/2" = 1'-0"

PIPE BOLLARD DETAIL

SCALE:
1/2" = 1'-0"

PIPE TRENCH

SCALE: 3/4" = 1'-0"

DISPENSER ISLAND DETAIL

SCALE:
1/4" = 1'-0"



CIRCLE K STORES, INC.
Gulf Coast
Business
Unit

DESIGN TEAM TITLE:



MDM
SERVICES, INC.

engineering • environmental • construction

2151 W. HILLSBORO BOULEVARD, SUITE 401
DEERFIELD BEACH, FLORIDA 33442
Phone: (954) 427-3076

80%

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DAIMIAN LESLIE, P.E.
FL. REG # 73113

TANK AND PIPING PLANS & DETAILS

SITE DESIGNATIONS:

**US HWY 41 &
COLLEGE DRIVE,
DEESBURG, FLORIDA
34788**

SALES	AS NOTED	MDM JOB #
		25013

SIGNED BY:

SIGNED BY:

AWN BY: PH FILE NAME:

TK504.DWG

[illegible]

DRAWING TITLE:

1

ELI EL SYSTEM

FULL SYSTEM

DETAILS

DETAILS

LETTER 110

SHEET NO: _____

TV504

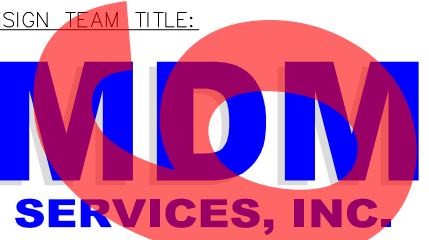
IN504

PROOF

2	HSD DISPENSER DETAIL	SCALE: 1/2\"/>		
8	SG HSD DISPENSER ISLAND DETAIL	SCALE: 1/4\"/>		



CIRCLE K STORES, INC.
**Gulf Coast
Business
Unit**



engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33809
Phone: (888) 645-9150
2151 W. HILLSBORO BOULEVARD, SUITE 401
DEERFIELD BEACH, FLORIDA 33442
Phone: (888) 427-3076

NO.	DATE	REVISION	DESCRIPTION
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DAIMIAN LESLIE, P.E.
FL REG # 73113

**TANK AND PIPING
PLANS & DETAILS**

SITE DESIGNATIONS:

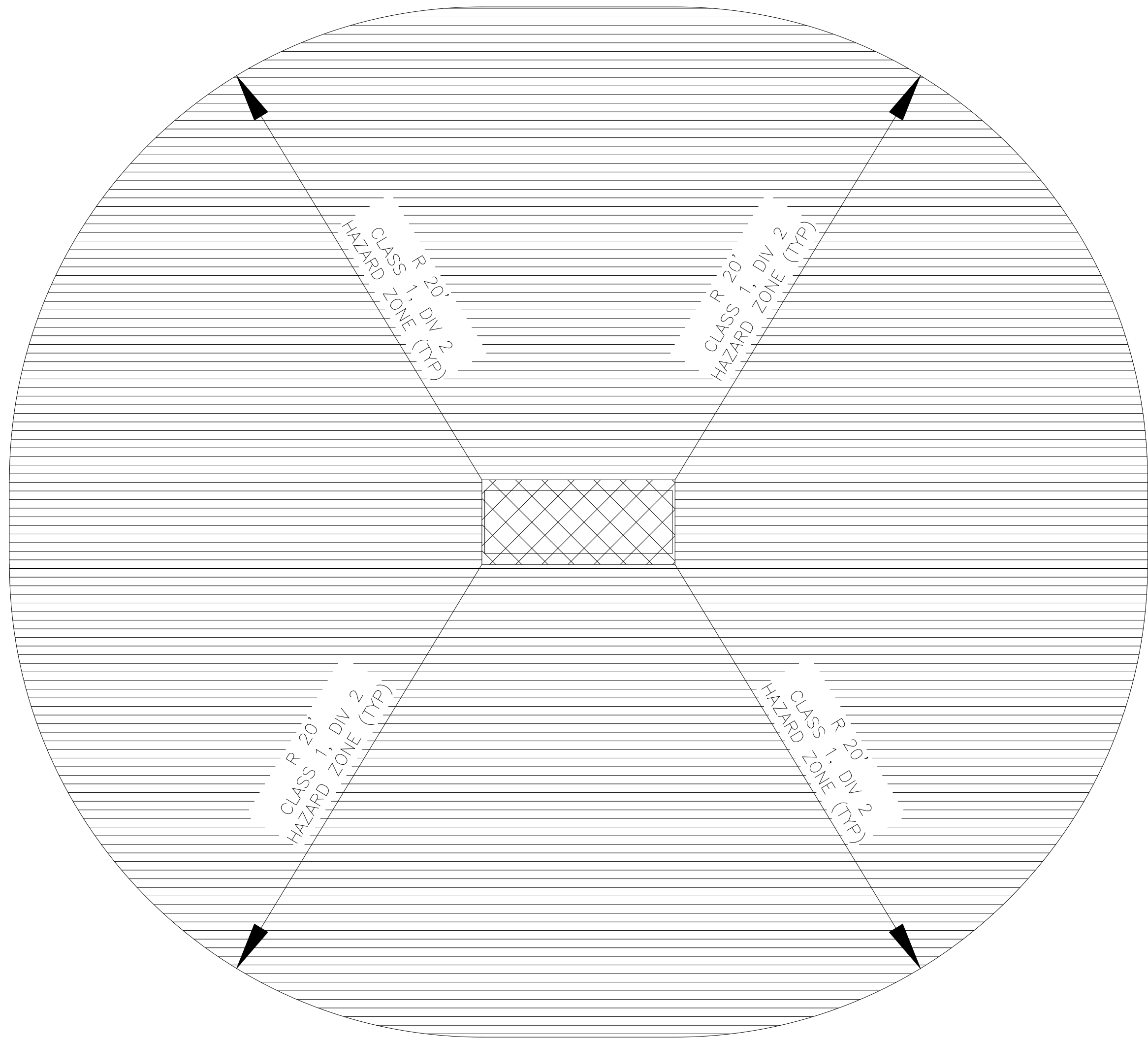
**US HWY 41 &
COLLEGE DRIVE,
LEESBURG, FLORIDA
34788**

SCALE:	AS NOTED	MDM JOB #
DATE:	09/15/2025	25013
DESIGNED BY:		
DRAWN BY:	PH	FILE NAME:
CHECKED BY:		

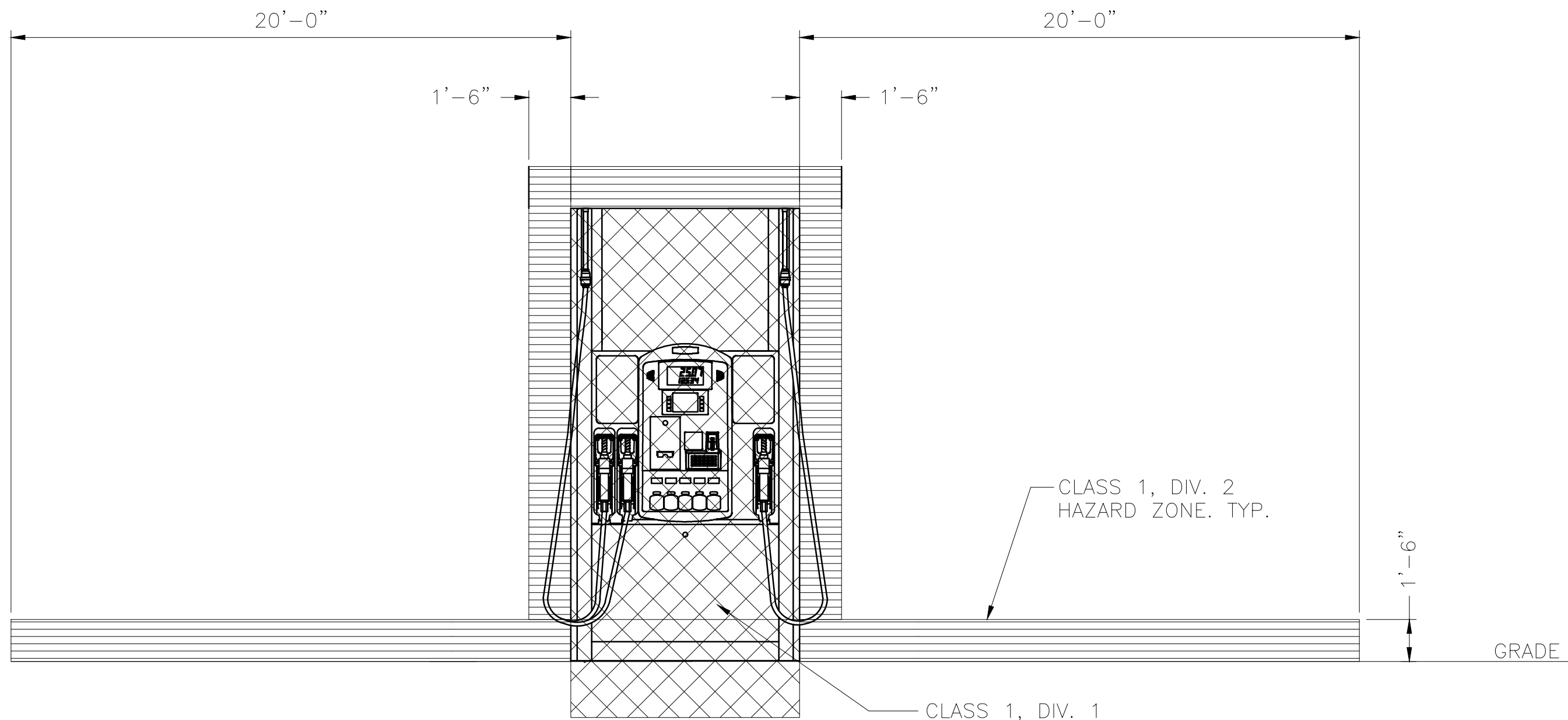
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**FUEL SYSTEM
DETAILS (HSD)
(AUTO)**

SHEET NO:

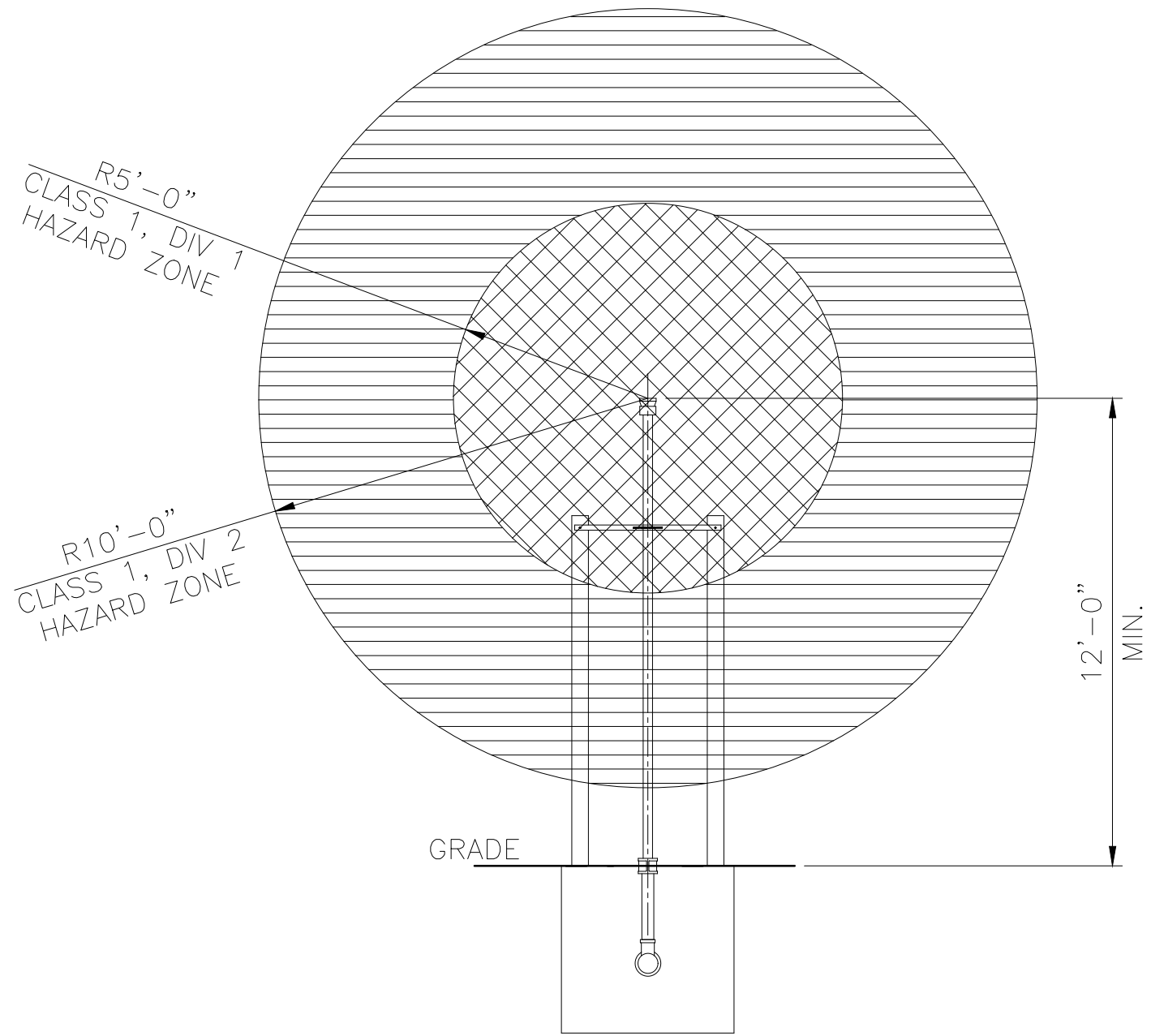
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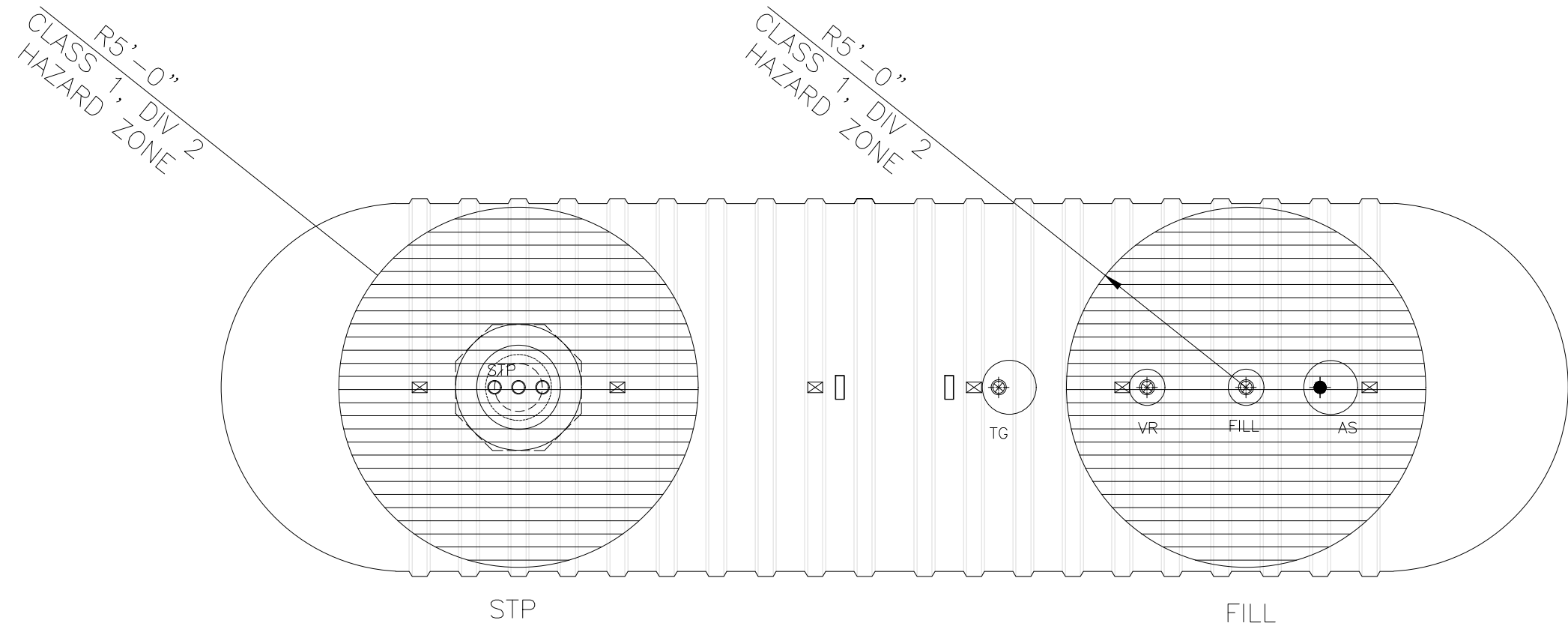
1 FUEL ISLAND AREA CLASSIFICATION
N.T.S.



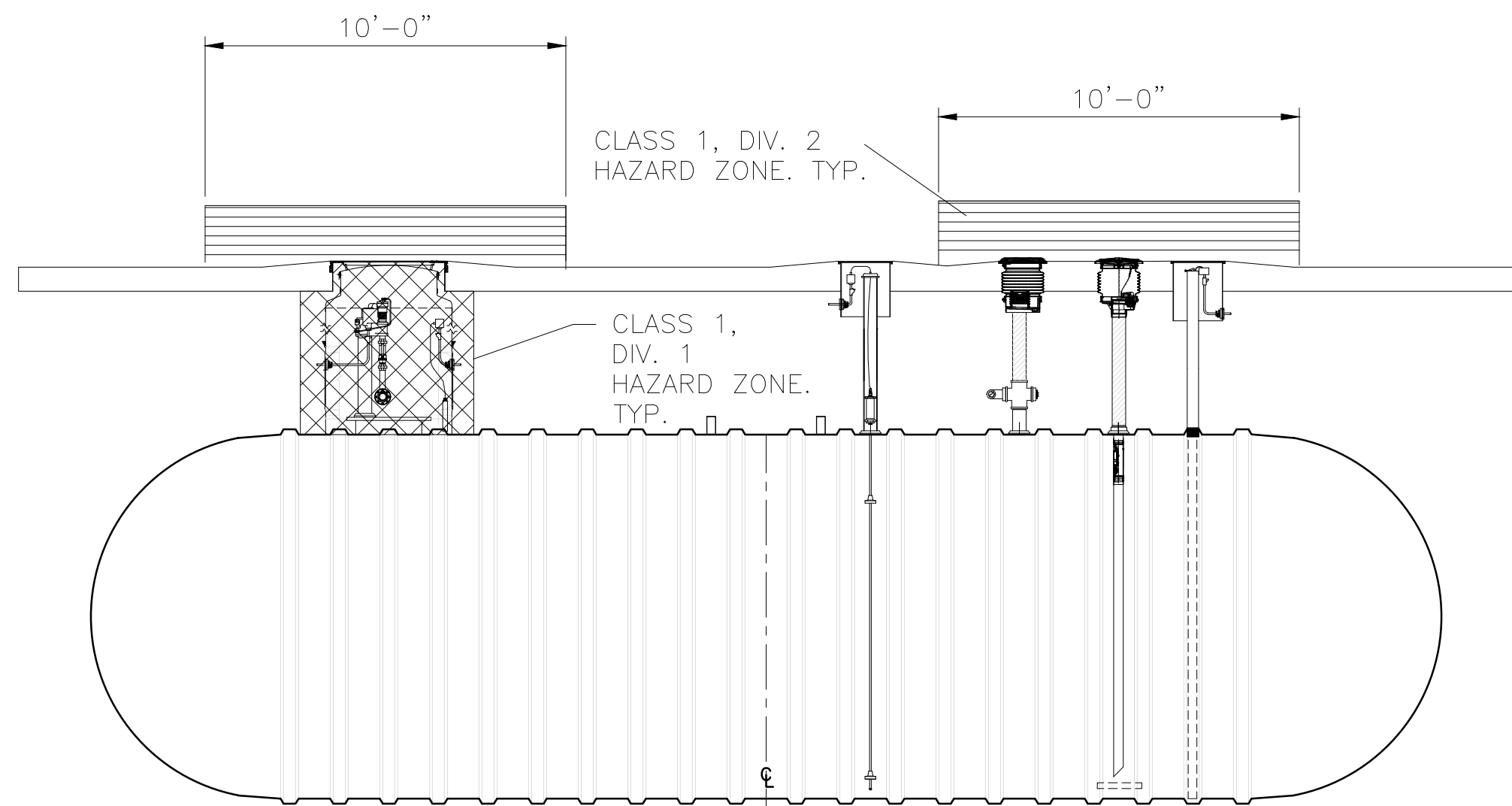
2 FUEL ISLAND AREA CLASSIFICATION ELEVATION
N.T.S.



3 VENT RISER CLASSIFICATION ELEVATION
N.T.S.



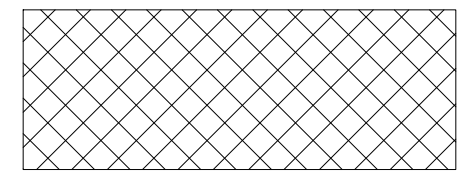
PLAN VIEW



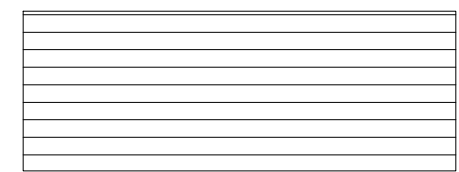
PROFILE

4 UST AREA CLASSIFICATION
N.T.S.

LEGEND



CLASS 1, DIV. 1
HAZARD ZONE. TYP.



CLASS 1, DIV. 2
HAZARD ZONE. TYP.

CLASSIFIED AREAS ADJACENT TO
GAS DISPENSERS IN TABLE 6.3.1, NFPA 30A, 2018

UNCLASSIFIED AREAS (DIESEL DISPENSING) NEC 514.3(A)

NOTE:

ALL RACEWAYS IN CLASS 1, DIVISION 1 OR 2
LOCATIONS SHALL BE THREADED RIGID
METAL CONDUIT AND SHALL BE EXTENDED
TO THE FIRST POINT OF CONNECTION
AFTER LEAVING THE BOUNDARIES OF THE
DEFINED CLASS 1 LOCATION. CONDUIT
SEALS SHALL BE PROVIDED IN
ACCORDANCE WITH NEC501.5 GREEN
INSULATED COPPER EQUIPMENT
GROUNDING CONDUCTOR SHALL BE
INSTALLED WITH PHASE AND GROUNDED
CONDUCTOR. CONDUIT SHALL NOT BE USED
AS SOLE MEANS OF EQUIPMENT
GROUNDING FOR OTHER CONDUIT RUNS IN
NON-CLASSIFIED LOCATION ANY NEC
APPROVED METHOD CAN BE UTILIZED.



CIRCLE K STORES, INC.

**Gulf Coast
Business
Unit**

DESIGN TEAM TITLE:



engineering • environmental • construction

1065 KATHLEEN ROAD, LAKELAND, FLORIDA 33805

Phone: (888) 446-9138

2151 W. HILLSBORO BOULEVARD, SUITE 401

DEERFIELD BEACH, FLORIDA 33442

Phone: (954) 427-3076

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DAIMIAN LESLIE, P.E.
FL REG # 73113

**TANK AND PIPING
PLANS & DETAILS**

SITE DESIGNATIONS:

**US HWY 41 &
COLLEGE DRIVE,
LEESBURG, FLORIDA
34788**

SCALE: AS NOTED MDM JOB # 25013

DATE: 09/15/2025

DESIGNED BY:

DRAWN BY: PH FILE NAME:

CHECKED BY: TK508.DWG

DRAWING TITLE:

HAZARD ZONES

SHEET NO:

TK508