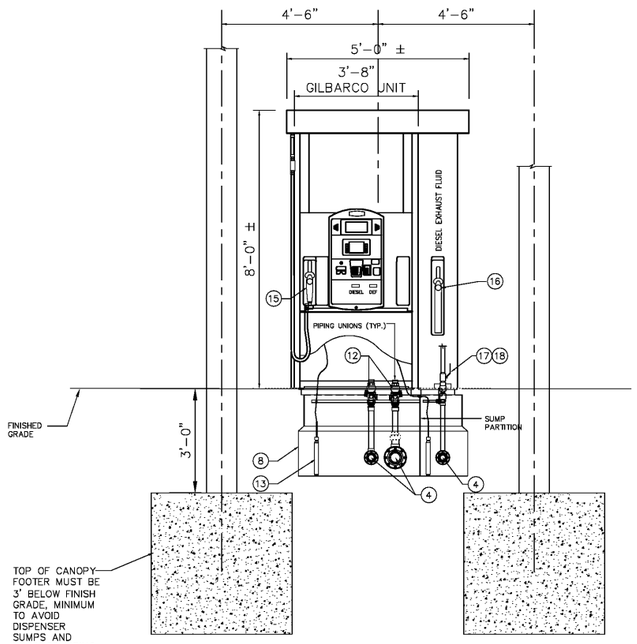
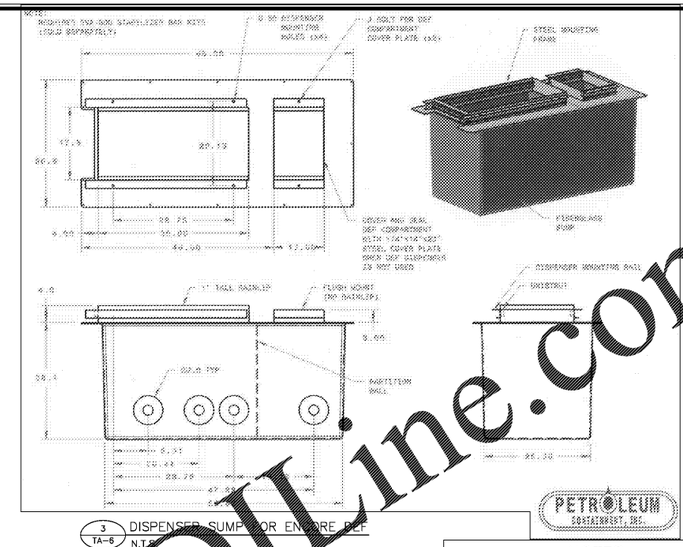
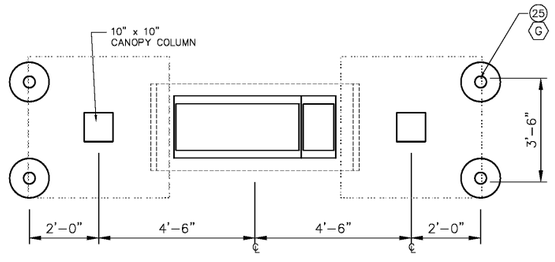


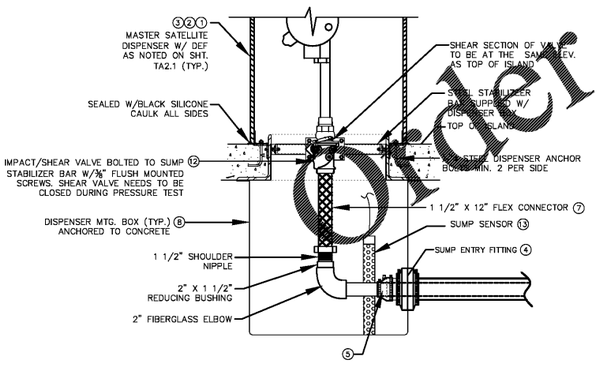
1 / TA–6 GILBARCO, ENCORE 700S DEF+1, NOZZLED DISPENSER W/CONTAINMENT BOX
N.T.S.



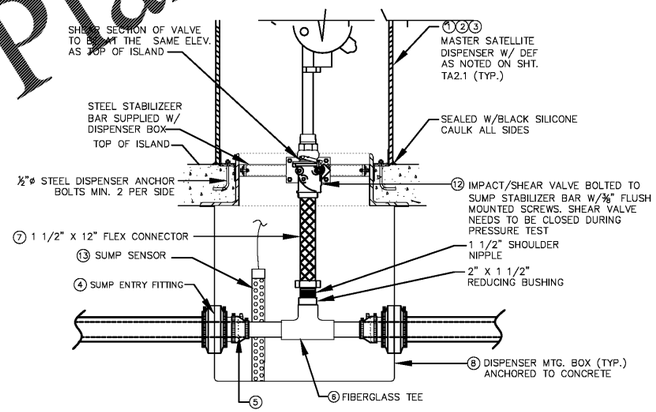
3 / TA–6 DISPENSER SUMP FOR ENCORE DEF
N.T.S.



5 / TA–6 MASTER/SLAVE/DEF DISPENSER
N.T.S.



TERMINATING DISPENSER SUMP SECTION



PASS-THRU DISPENSER SUMP SECTION

NOTES

- (A) THE SHEAR PLANE OF THE IMPACT VALVE IS TO BE MOUNTED NO MORE THAN +/– 1/2" FROM THE TOP GRADE OF THE ISLAND.
- (B) ASPHALTIC EXPANSION MATERIAL SHALL BE KERFED AT 1/2" INTERVALS IN AREAS OF BENDS. THIS FORMED MATERIAL SHALL BE SECURELY FASTENED TO THE ISLAND AT FINISHED GRADE PRIOR TO CONSTRUCTION OF ADJACENT FLATWORK. ADJACENT FLAT CONCRETE SHALLOW SHALL BE EDGED ALONG THE EXPANSION MATERIAL USING 1/4" RADIUS EDGING TOOL.
- (C) APPLY APPROVED THREAD SEALANT TO ALL RISERS AND THREADED FITTINGS.
- (D) VENT LINE SHOULD STAND NO LESS THAN 4' FROM OUTSIDE EDGE OF CURB.
- (E) PIPING SHALL BE LAID AND CONTINUOUSLY SUPPORTED ON A 6" COMPACTED BEDDING OF PEA GRAVEL. NO PIPING SHALL BE SUPPORTED BY BLOCKS, PLANKS, OR OTHER DEBRIS. MAINTAIN 7" MINIMUM COVER BETWEEN SLAB BOTTOM AND TOP OF FRP PIPE/FITTINGS.
- (F) REQUIRES SVA–800 STABILIZER BAR ASSEMBLY, ORDERED SEPARATELY
- (G) BOLLARDS TO BE PRIMED AND CONTRACTOR TO FURNISH & INSTALL IDEAL SHIELD RED VINYL SLEEVES COLOR: PANTONE 187C
- (H) PRODUCT LINES SHALL SLOPE CONTINUOUSLY UPWARD FROM STP SUMP A MINIMUM OF 1/8" PER FOOT.
- (I) MINIMUM BEND RADIUS 4" FOR ELECTRICAL CONDUITS.
- (K) ALL DEF COMPONENTS & FITTINGS SHALL BE STAINALESS STEEL

NO	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL	SUPPLIED BY	INSTALLED BY	NOTES
1	GILBARCO ENCORE 700S MASTER/DEF DISPENSER	GILBARCO	CIRCLE K GIL–NPA–1–700S	OWNER	G.C.	SEE TA–4, TA–3
2	GILBARCO ENCORE 700S MASTER/SATELLITE/DEF DISPENSER	GILBARCO	CIRCLE K GIL–NPB–1–700S	OWNER	G.C.	SEE TA–4, TA–3
3	GILBARCO ENCORE 700S SATELITE DISPENSER	GILBARCO	CIRCLE K GIL–NP5–1–700S	OWNER	G.C.	SEE TA–4, TA–3
4	SUMP ENTRY BOOT (2" OR 3")	BRAVO	F–20–FF–LCX OR F–30–FF–LCX	OWNER	G.C.	AS OCCURS
5	TERMINATION FITTING WITH TEST PORT (2" OR 3")	OPW	TBA–0200 OR TBA–0300	OWNER	G.C.	AS OCCURS
6	2" FIBERGLASS TEE	AMERON LCX		OWNER	G.C.	AS OCCURS
7	1 1/2"x12" FxM SWIVEL FLEX CONNECTOR (PRODUCT)	HOSEMASTER	FSMS–120150	OWNER	G.C.	
8	FIBERGLASS DISPENSER SUMP	PETROLEUM CONTAINMENT	CLE174360DEF OR CLE174375	OWNER	G.C.	SEE NOTES "F" & "I"
9	SINGLE WALL ELBOW 90° (2" OR 3")	AMERON LCX	30372108 OR 30372108	OWNER	G.C.	AS OCCURS
10	2" OR 3" TERMINATION STYLE SUMP ENTRY ASSEMBLY	AMERON LCX	22856821 OR 33856821	OWNER	G.C.	AS OCCURS
11	SGL WALL PRODUCT PIPING (2" or 3")	AMERON LCX	TSMAXP63 OR TSMAXP90	OWNER	G.C.	AS OCCURS
12	SHEAR VALVE 1 1/2", ONE POPPET FEMALE	OPW	A0060–003	G.C.	G.C.	
13	SUMP PROBE	VEEDER ROOT	794380–208	G.C.	G.C.	
14	2" THREADED 2"WC PRESSURE VACUUM VENT CAP	EBW	802–303–01	G.C.	G.C.	
15	HOSE/NOZZLE/BREAK–AWAY ASSEMBLY–DIESEL (ASSEMBLED BY G.C.)	OPW OR EQUAL, UL LISTED	7HB	G.C.	G.C.	AUTOMATIC NOZZLE, MAX. HOSE LENGTH = 18'–0"
16	HOSE/NOZZLE/BREAK–AWAY ASSEMBLY–DEF (ASSEMBLED BY G.C.)	OPW OR EQUAL, UL LISTED	21GU	G.C.	G.C.	AUTOMATIC NOZZLE, MAX. HOSE LENGTH = 18'–0"
17	SHEAR VALVE 1" X 1" BSPP FEMALE (DEF)	OPW	60V–DEF	OWNER	G.C.	
18	1" FEMALE NPT 60V SHEAR VALVE ADAPTOR (DEF)	OPW	205900	OWNER	G.C.	
19	WATER INDICATING PASTE (TO BE LEFT @ STORE)	SARGEL	SASR160	G.C.	G.C.	
20	TANK STICK			G.C.	G.C.	
21	SPLATTER SHIELD, BLACK	RICHARDS	R1503R–BK	G.C.	G.C.	
22	3 M INTERCOM / WIRED TO MPD SPEAKERS	3M	D 20 12 CHANNEL	OWNER	G.C.	
23	JUNCTION BOX		CH GUP215	G.C.	G.C.	
24	SEAL OFF		CH EYD2	G.C.	G.C.	
25	HORSE SHOE BOLLARD	PEMCO	7503543	G.C.	G.C.	
26	COAXIAL DBL WALL PRODUCT PIPING (2" or 3")	AMERON LCX		OWNER	G.C.	AS OCCURS
27	STAINLESS STEEL ISLAND FORM (3' X 6')	OPW	6013SS–SFR6W3L6	G.C.	G.C.	
28	FIBERGLASS TRANSITION SUMP (36"x36"x48"H W/ 30" DIA. ACCESS)			G.C.	G.C.	
29	39" ROUND COMPOSITE CAM LOCK MANWAY W/10" SKIRT	EMCO WHEATON	A0716–039C	G.C.	G.C.	
30						
31						

NOTE: ALL EQUIPMENT TO BE INSTALLED BY CONTRACTOR ALL DEF COMPONENTS & FITTIGS SHALL BE STAINLESS STEEL

Order Plans @ www.LDILine.com

CLIENT:

CIRCLE K STORES, INC.
SOUTH ATLANTIC DIVISION
215 PENDLETON ST
WAYCROSS, GA 31501
PHONE: (912) 285–4011

DESIGN TEAM:

MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD LAKELAND, FLORIDA 33805
(863) 646–0130
FB #004857

TANK & PIPING PLANS & SPECIFICATIONS

NO.	DATE	REVISION DESCRIPTION

PRELIMINARY NOT FOR CONSTRUCTION

RICHARD P. MORRIS, P.E.
GA REG. # 29399

SITE ADDRESS:
CIRCLE K
1717 E 16th AVE.
CORDELE, CRISP COUNTY
GEORGIA

SCALE:	MDM JOB # 20183
DATE: 9/01/2020	
DESIGNED BY:	
DRAWN BY: JR	FILE NAME:
CHECKED BY:	

DRAWING TITLE:
TRUCK DISPENSER DETAILS

SHEET NO:
TA-5