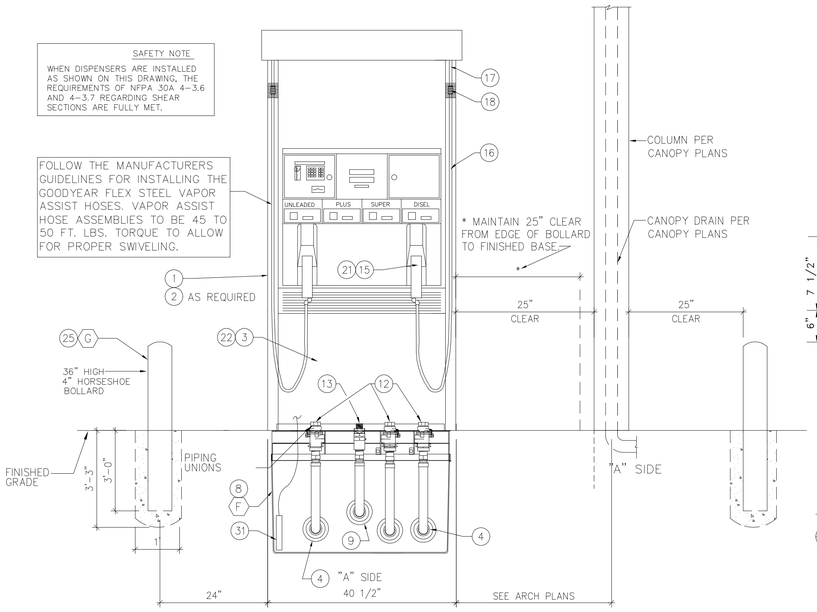
CIRCLE K SOUTHWEST PROTOTYPE 4480 – 08/13/2013



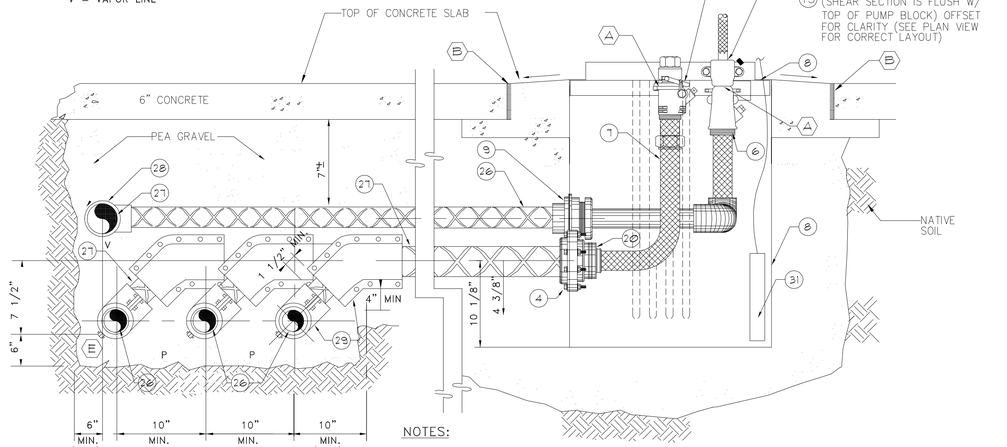
N.T.S.

1 **ENCORE 3+1 (WITH DIESEL) UNIHOSE DISPENSER W/ OPW PISCES DEEP CONTAINMENT BOX**

LEGEND

P = PRODUCT LINE

V = VAPOR LINE



12 SHEAR VALVE (SHEAR SECTION IS FLUSH W/ TOP OF PUMP BLOCK)

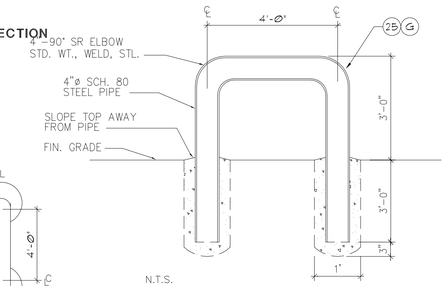
13 VAPOR RECOVERY SHEAR VALVE (SHEAR SECTION IS FLUSH W/ TOP OF PUMP BLOCK) OFFSET FOR CLARITY (SEE PLAN VIEW FOR CORRECT LAYOUT)

NOTES:

1. VAPOR LINES TO SLOPE FROM DISPENSERS DOWN TO TANKS 1/8" PER FOOT MIN.
2. SHEAR SECTION OF EMERGENCY SHUT–OFF VALVE IS TO BE EVEN WITH THE TOP OF THE PUMP ISLAND +– 1/2".

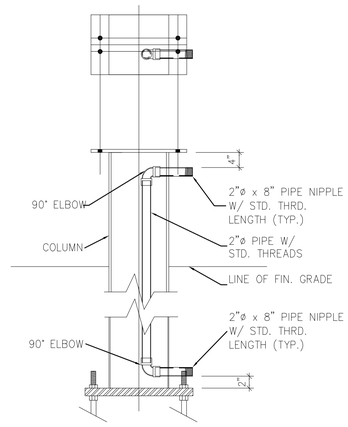
N.T.S.

2 **OPW PISCES DEEP DISPENSER BOX AND PIPING TRENCH SECTION**



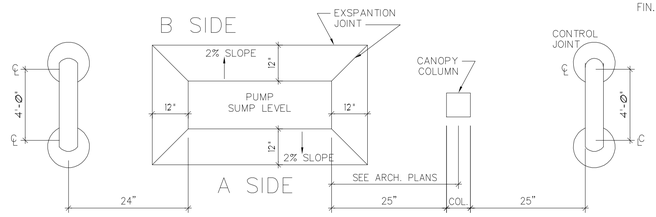
N.T.S.

6 **HORSE SHOE BOLLARD**



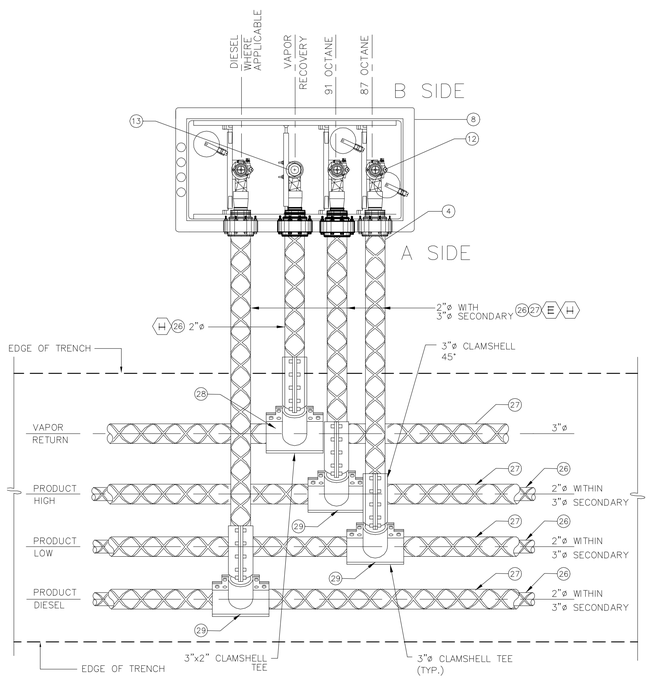
N.T.S.

7 **DETAIL AT VENT PIPES IN COLUMN**



N.T.S.

5 **STANDARD AT GRADE LAYOUT**



N.T.S.

4 **OPW PISCES DEEP DISPENSER CONTAINMENT BOX AND PIPING TRENCH PLAN VIEW**

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) DEEP METAL PAN WITH METAL NON–ADA FRAME. INCLUDES PRE–MOUNTED PRODUCT AND VAPOR SHEAR VALVES WITH ALL PENETRATION FITTINGS INCLUDED BUT NOT INSTALLED. NO FLEX CONNECTORS OR VAPOR PIPE ASSEMBLY PROVIDED.

(G) BOLLARDS TO INSTALLED ON SIDE AWAY FROM CANOPY COLUMN. CONTACTOR TO PAINT BOLLARDS & ISLAND FORMS CIRCLE K DARK GRAY (SHERWIN WILLIAMS OR DUNN EDWARDS).

(H) PRODUCT LINES SHALL SLOPE CONTINUOUSLY UPWARD FROM STP SUMP A MINIMUM OF 1/8" PER FOOT.

(I) ITEMS (6) (7) (9) (10) & (11) ARE INCLUDED IN THE BRAVO PAN KIT. ENTRY FITTINGS IN DISPENSER PAN SHALL BE INSTALLED BY CONTRACTOR.

(J) COAXIAL PIPE MAY BE USED IN PLACE OF THE 2" X 3" CONFIGURATION WITH APPROVAL OF THE CONSTRUCTION MANAGER. ONLY CLAMSHELL TYPE FITTINGS MAY BE USED WITH COAXIAL PIPE.

NOTE: ALL EQUIPMENT TO BE INSTALLED BY CONTRACTOR

NO	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL	SUPPLIED BY	NOTES
1	TWO HOSE BLENDING DISPENSER	GILBARCO	ENCORE 500S (3+0) NNI	OWNER	
2	FOUR HOSE BLENDING DISPENSER	GILBARCO	ENCORE 500S (3+1) NLI	OWNER	
3	VAPOR VAC (IF REQUIRED)	GILBARCO	FOR ENCORE	OWNER	
4	APT 3" ENTRY BOOT	APT	–	OWNER	
5	–	–		–	–
6	FLEXING 1 1/2"X 12" MxMS FLEX CONN. VR	FLEXING	FLX–11212MMS–FS		SEE NOTE "I"
7	FLEXING 1 1/2"X 18" MxMS FLEX CONN. VR	FLEXING	FLX–11218MMS–FS	OWNER	SEE NOTE "I"
8	APT CONDUITLESS SUMP FOR ENCORE DISPENSERS	APT	APT–LMM–3817	OWNER	SEE NOTES "F" & "I"
9	APT 3" ENTRY BOOT APT 2" ENTRY BOOT	APT APT	APT–FEB–300–R (FUEL PIPING) APT–FEB–175–SC (VAPOR PIPING)	OWNER	SEE NOTE "I"
10	APT CONDUIT FITTING 1" 3/4"	APT	APT–FEB–075–D	OWNER	SEE NOTE "I"
11	NOT USED	–	–	–	SEE NOTE "I"
12	1–1/2" MALE, EMERGENCY VALVE W/ DOUBLE POPPET (COMBO BODY)	OPW	10P–0152	OWNER	
13	1"X1.5" SHEAR VALVE DOUBLE POPPET VAPOR	EBW	EBW–36220602	OWNER	
14	OPW PRESSURE VAC VENT 2"	OPW	OPW–623V–2203	OWNER	
15	NEW HUSKY 1+10 CONVENTIONAL GAS NOZZLE	HUSKY	HN–N10SUF	OWNER	
16	3/4" HOSES– 8'–6" FLEXSTEEL VAPOR ASSIST HOSE	GOODYEAR THERMOID	GY8'6"VAPOR PUMPFLEX II	OWNER	
17	WHIP HOSE– 1' FLEXSTEEL VAPOR ASSIST HOSE WHIP HOSE– 1' (NON STAGE II ALT.) (OR EQUIVALENT)	GOODYEAR THERMOID	GY12VA34	OWNER	
18	INVERTED BREAKAWAY BREAKAWAY (NON–STAGE II ALT.) (OR EQUIVALENT)	CATLOW HUSKY 336. (DIESEL)	CW–CTMVA	OWNER	
19	WATER INDICATING PASTE (TO BE LEFT @ STORE)	SARGEL	SASR160	OWNER	
20	BLUELINE 3" X 2" TEST BOOTS W/TEST PORT	BLUELINE	EP–RTR–3020	OWNER	
21	SPLATTER SHIELD, BLACK	RICHARDS	R1503R–BK	OWNER	
22	3 M INTERCOM / WIRED TO MPD SPEAKERS	3M	D 20 12 CHANNEL	OWNER	
23	JUNCTION BOX		CH GUP215	CONT.	
24	SEAL OFF		CH EYD2	CONT.	
25	4"X4'X72" U SHAPED BOLLARD	OPW	OPW–8PGR4–4174	OWNER	
26	2" FIBERGLASS PIPE (FRP)	AO SMITH RED THREAD IIA	CALL FOR APPROVED ALTERNATE	CONT.	
27	3" FIBERGLASS PIPE (FRP)	AO SMITH RED THREAD IIA	CALL FOR APPROVED ALTERNATE	CONT.	
28	3" X 3" X 2" FRP TEE	AO SMITH RED THREAD IIA	CALL FOR APPROVED ALTERNATE	CONT.	
29	SECONDARY CONTAINMENT FITTING	AO SMITH RED THREAD IIA	CALL FOR APPROVED ALTERNATE	CONT.	
30	3" FRP 90° FITTING	AO SMITH RED THREAD IIA	CALL FOR APPROVED ALTERNATE	CONT.	
31	VR SUMP SENSOR	VEEDER–ROOT	794380–208	OWNER	
32	3" DIESEL VENT CAP	EBW	EBW–800–207–02	OWNER	
33	2" FRP 90° FITTING	AO SMITH RED THREAD IIA		CONT.	

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
02/28/2014	PERMIT/BID SET

PROFESSIONAL SEAL

FOR REFERENCE ONLY

PROFESSIONAL IN CHARGE
DOUGLAS COUPER
PROJECT MANAGER
CHRIS CERBO
QUALITY CONTROL
WARREN DRURY
DRAWN BY
RP

PROJECT NAME
CIRCLE K STORES, INC.

PFLUGERVILLE
TEXAS

SEC WEST PECAN ST. & SARAH'S CREEK DR. PFLUGERVILLE, TX

CIRCLE K STORES INC.

PROJECT NUMBER
20140041.5

SHEET TITLE

DETAILS

SHEET NUMBER
F3.2

Drawing Name: P:\20140041000\100 Construction Documents—C-Store Fuel\Pflugerville TX\Produced_Current\Fuel-Cnpy Plans\20140041-F32.dwg Last Modified: Feb 27, 2014 – 9:59am Plotted on: Feb 27, 2014 – 10:11am by rpeter