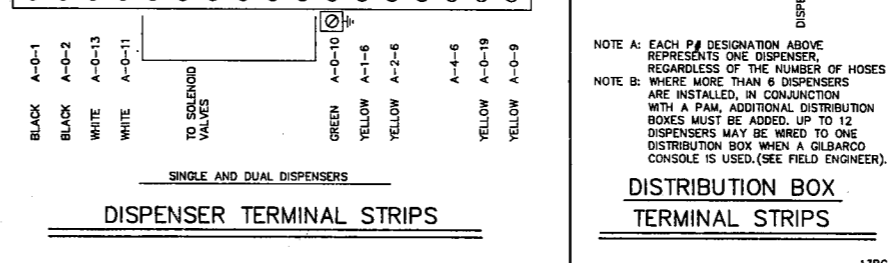
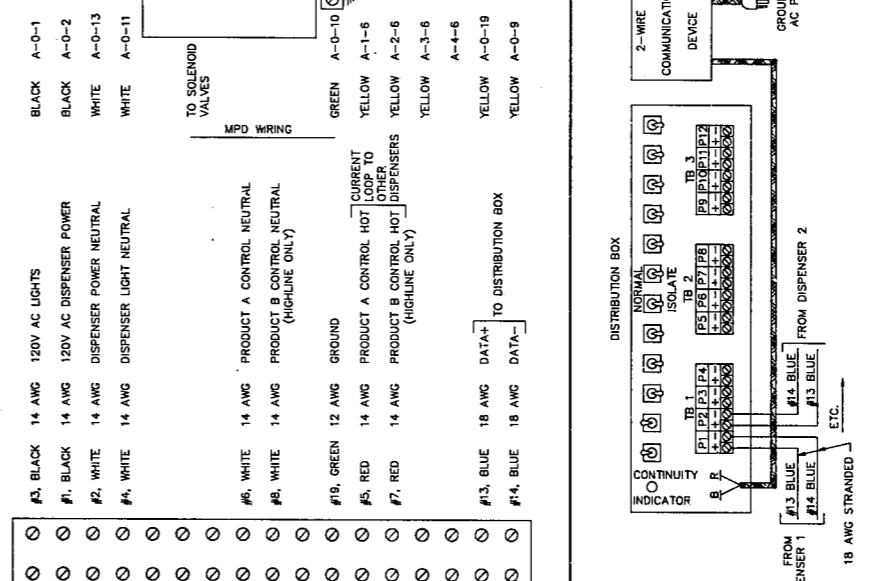


INSTALLER	GILBARCO	DISPENSER TERMINAL STRIPS
#1. BLACK 14 AWG 120V AC LIGHTS	BLACK A-0-1	TO SOLENOID VALVES
#2. BLACK 14 AWG 120V AC DISPENSER POWER	BLACK A-0-2	TO SOLENOID VALVES
#3. WHITE 14 AWG 120V AC DISPENSER POWER NEUTRAL	WHITE A-0-13	TO SOLENOID VALVES
#4. WHITE 14 AWG 120V AC DISPENSER LIGHT NEUTRAL	WHITE A-0-11	TO SOLENOID VALVES
#5. WHITE 14 AWG PRODUCT A CONTROL NEUTRAL	#6. WHITE 14 AWG PRODUCT A CONTROL NEUTRAL (HIGHLIGHT ONLY)	GREEN A-0-10
#6. WHITE 14 AWG PRODUCT B CONTROL NEUTRAL	#7. RED 14 AWG PRODUCT B CONTROL HOT	YELLOW A-1-5
#7. WHITE 14 AWG PRODUCT C CONTROL NEUTRAL	#8. RED 14 AWG PRODUCT B CONTROL HOT (HIGHLIGHT ONLY)	YELLOW A-2-6
#8. GREEN 12 AWG GROUND	#9. RED 14 AWG PRODUCT C CONTROL HOT	YELLOW A-3-6
#9. RED 14 AWG PRODUCT A CONTROL HOT	SPARE	A-4-6
#10. RED 14 AWG PRODUCT B CONTROL HOT	#13. BLUE 18 AWG DATA	YELLOW A-0-19
#11. RED 14 AWG PRODUCT C CONTROL HOT	#14. BLUE 18 AWG DATA	YELLOW A-0-9



- GILBARCO DISPENSING SYSTEM INSTALLATION NOTES
- TWO IMPACT VALVES AND CLAMPS ARE REQUIRED WHEN A DUAL PRODUCT TWIN DISPENSER IS SPECIFIED, THREE EACH FOR MULTI PRODUCT DISPENSERS.
 - MOUNTING BRACKET FOR VERTICAL ADJUSTMENT OF VALVE DURING INSTALLATION.
 - USE CLAMP SUPPLIED WITH IMPACT VALVE.
 - MOUNTING RODS TO SIDES OF ISLAND TO LOCATE PUMP BOX.
 - ADAPTER AND IMPACT VALVE TO BE ASSEMBLED TO SUPPLY PIPE BEFORE CLAMPING VALVE TO ISLAND FORM.
 - ALL ELECTRICAL WORK TO CONFORM WITH LOCAL AND NATIONAL ELECTRICAL CODES AT A MINIMUM.
 - ALL WIRES MUST BE CONTINUOUS RUN (NO SPLICES) FROM DISPENSER TO CONSOLE TERMINAL STRIP BOX.
 - ALL SPARE WIRES SHOULD BE TAPED AND LOOPED AT ENDS AND LABELLED.
 - ALL 110VAC TO DISPENSERS MUST BE ON SAME PHASE.
 - SEE MANUFACTURER'S DRAWINGS INCLUDED WITH DISPENSERS FOR FURTHER DETAILS.
 - GENERAL CONTRACTOR TO CALIBRATE DISPENSERS, AND APPLY FOR WEIGHTS AND MEASURES' SEAL.
 - ALL CIRCUIT BREAKERS ARE TO BE SWITCHED NEUTRAL TYPE, AND LABELLED NEATLY, ACCORDING TO CIRCUIT.
 - CONSOLE TERMINAL STRIP BOX AND/OR PUMP INTERFACE BOX TO BE MOUNTED IN UTILITY ROOM WITH OTHER ELECTRICAL APPURTENANCES.
 - SUBMERSIBLE PUMP RELAYS MUST BE USED IF 1 1/2 HP PUMP MOTORS ARE INSTALLED, IF NOT SUPPLIED WITH SUBMERSIBLE PUMP, CONSULT THE ENGINEER.
 - PROVIDE 6" CLEARANCE AROUND ALL SIDES OF CONTROLLER.
 - 1/2" x 2" ANCHOR BOLTS (4) FOR DISPENSER MOUNTING TO BE SUPPLIED BY ISLAND MANUFACTURER.
 - ALL MATERIAL USED IN ISLAND FORM CONSTRUCTION SHALL BE AT LEAST 12 GA. CARBON STEEL.

DISPENSING SYSTEM MATERIAL SCHEDULE

REF	ITEM	SUPPLIED BY	INSTALLED BY
A	SUBMERGED PUMPS	OWNER	G.C.
B	PUMP RELAY RED JACKET	OWNER	G.C.
C	PAM	OWNER	G.C.
D	DISPENSERS	OWNER	G.C.
E	CONSOLE	OWNER	G.C.
F	CONSOLE DATA CABLE	OWNER	G.C.
G	DISPENSER CABLE	OWNER	G.C.
H	DISTRIBUTION BOX	OWNER	G.C.
I	PUMP BOX - PERMCO OR EQUIV. INCLUDES MFG. BKT.	OWNER	G.C.
1	IMPACT VALVE - OPW 10RM OR EQUIV. INCL. U-BOLT	OWNER	G.C.
2	1 1/2" UNION - BRD. JT. FURNISHED WITH DISPENSER	OWNER	G.C.
3	1 1/2" X 24" FLEXIBLE CONNECTOR RESISTOFLEX OR TELEFLEX OR EQUIVALENT	OWNER	G.C.
4	2" GLASS FIBER PIPE	G.C.	G.C.
5	2" X 1 1/2" GLASS FIBER REDUCER LC END PLAIN SM. END 1 1/2" NPT FEMALE	G.C.	G.C.
6	NOZZLE OPW 11A OR EQUIV.	OWNER	G.C.
7	SWIVEL HUSKY 1 + VI	OWNER	G.C.
8	ISLAND FORM 9 3/4" HIGH	OWNER	G.C.
9	HOSE 5/8" X 12 FT.	OWNER	G.C.
10	ISLAND FORM 13" HIGH	OWNER	G.C.
11	DIESEL FILTER HEAD	OWNER	G.C.
12	ON-TEK DIESEL FILTER	OWNER	G.C.
13	PUMP OUTLET SWIVEL	PUMP MFG	G.C.
14	ISOLATION SLEEVE, TOTAL CONTAINMENT FJ-036	OWNER	G.C.
15	COMPRESSION SEAL FOR 2" COUPLING, TOTAL CONTAINMENT	OWNER	G.C.
16	COMPRESSION SEAL FOR 1 1/2" PIPE, TOTAL CONTAINMENT	OWNER	G.C.
17	1 1/2" STEEL COUPLING SCH. 40 GALVANIZED	G.C.	G.C.
18	1 1/2" STEEL PIPE NIPPLE 4" LONG SCH. 40 GALVANIZED	G.C.	G.C.

BP OIL CO.
RETAIL MARKETING
DESIGN AND ENGINEERING
200 PUBLIC SQUARE
CLEVELAND, OHIO 44114

DISPENSERS AND ISLANDS
GILBARCO MPD 2, 3
SALESMAKER 2 AND
HIGHLIGHT MODELS

DWG. NO. 13-R-G REV. 6

SCALE: 1/2" = 1'-0" (PLOT SIZE) MADE BY CLEVELAND DETAIL
DATE MAY 4, 1987 CHECKED BY JGD

REVISIONS: DATE DWN/CRK
1. CHANGE 2" ISLAND FORM RADIUS TO 4" 8-13-87 CDE RW
2. CHANGE ISLAND FORM DIMENSIONS & NOTES 10-21-87 CDE EMJ
3. ADD AIR LINE & SPEAKER CONDUIT 4-15-88 CDE
4. REV. ISLAND LENGTH NOTE 8-16-88 CDE
5. REV. IMPACT VALVE, MPD PLAN, MATT 3-8-89 CDE
6. RELOCATED 3/4" AIRLINE ON ISLAND LAYOUT 3-9-90 GPD

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DOA 3/19/90