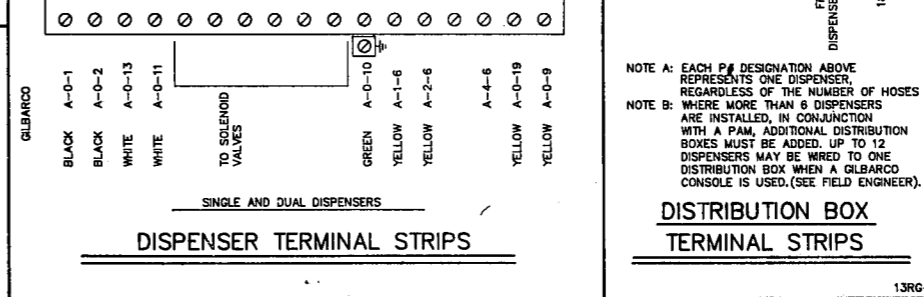


**DISPENSER TERMINAL STRIPS**

INSTALLER	DISPENSER	WIRE COLOR	WIRE SIZE	FUNCTION
INSTALLER	#1	BLACK	14 AWG	120V AC LIGHTS
	#2	BLACK	14 AWG	120V AC DISPENSER POWER
	#3	WHITE	14 AWG	DISPENSER POWER NEUTRAL
	#4	WHITE	14 AWG	DISPENSER LIGHT NEUTRAL
GILBARCO	A-0-1	BLACK	14 AWG	PRODUCT A CONTROL NEUTRAL
	A-0-2	BLACK	14 AWG	PRODUCT B CONTROL NEUTRAL
	A-0-13	WHITE	14 AWG	PRODUCT C CONTROL NEUTRAL
	A-0-11	WHITE	14 AWG	PRODUCT A CONTROL HOT
	A-0-10	GREEN	12 AWG	GROUND
	A-1-6	YELLOW	14 AWG	PRODUCT A CONTROL HOT LOOP TO DISPENSERS
	A-2-6	YELLOW	14 AWG	PRODUCT B CONTROL HOT (HIGHLINE ONLY)
	A-3-6	YELLOW	14 AWG	PRODUCT C CONTROL HOT (HIGHLINE ONLY)
	A-4-6	YELLOW	18 AWG	DATA*
	A-0-19	YELLOW	18 AWG	DATA*

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	A-4-6	YELLOW	18 AWG	DATA*
	A-0-19	YELLOW	18 AWG	DATA*



- 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 APPLIANCE.
  - 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.
1	PUMP BOX - PERMCO OR EQUIV. INCLUDES MTG. BKT.	OWNER	G.C.
2	IMPACT VALVE - OPW FORM OR EQUIV. INCL. U-BOLT	OWNER	G.C.
3	1 1/2" UNION - GRD. JT. FURNISHED WITH DISPENSER	OWNER	G.C.
4	1 1/2" x 2 1/2" FLEXIBLE CONNECTOR RESISTOFLEX OR TELEFLEX OR EQUIVALENT	OWNER	G.C.
5	2" GLASS FIBER PIPE	G.C.	G.C.
6	2" F x 1 1/2" F GLASS FIBER REDUCER LG. END PLAIN SM. END 1 1/2" NPT FEMALE	G.C.	G.C.
7	NOZZLE OPW 11A OR EQUIV.	OWNER	G.C.
8	SWIVEL HUSKY 1 + VI 3/4" x 3/4"	OWNER	G.C.
9	ISLAND FORM 9 3/4" HIGH	OWNER	G.C.
10	HOSE 5/8" x 12 FT.	OWNER	G.C.
11	ISLAND FORM 13" HIGH	OWNER	G.C.
12	DIESEL FILTER HEAD	OWNER	G.C.
13	OM-TEK DIESEL FILTER	OWNER	G.C.
14	PUMP OUTLET SWIVEL ISOLATION SLEEVE TOTAL CONTAINMENT FJ-036	PUMP MFG	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.
19	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**  
**HIGHLINE MODELS**

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

SCALE 1" = 1'-0" (PLOT SIZE) MADE BY ISLAND DETAIL  
DATE MAY 4, 1987 CHECKED BY [Signature]  
REVISIONS:  
1. CHANGE 2" ISLAND FORM RADIUS TO 3" (6-17-87) GPD  
2. CHANGE ISLAND FORM DIMENSIONS TO 9 3/4" HIGH (6-17-87) GPD  
3. ADD AIR LINE & SPEAKER CONSOLE (6-17-87) GPD  
4. REV. ISLAND LENGTH NOTE (6-17-87) GPD  
5. REV. IMPACT VALVE, MPD PLAN, MAKE SURE IMPACT VALVE IS ON THE SAME SIDE (6-17-87) GPD  
6. RELOCATED 3/4" AIRLINE ON ISLAND LAYOUT (6-17-87) GPD

DOA 3/19/90