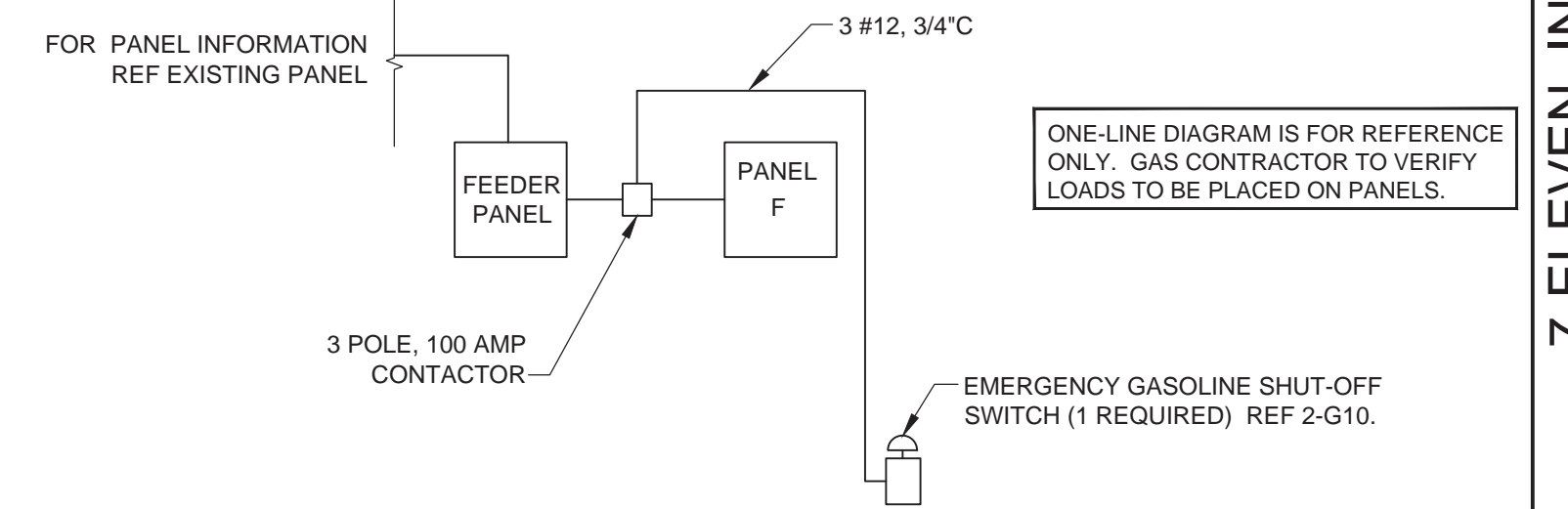


NEW PANELBOARD													
SERVES: TENANT SPACE													
LOCATION: STOCKROOM													
MOUNTING SURFACE													
CK	LOAD SERVED	WIRE	BRKR	PL	PHASE C		PHASE A		PL	BRKR	WIRE	LOAD SERVED	CK
1	DISPENSER #1	12	20	1	1.08	1.08			1	20	12	DISPENSER #2	2
3	SWITCHED NEUTRAL	--	--	--			0.00	0.00	--	--	--	SWITCHED NEUTRAL	4
5	SPARE	--	20	1	0.00	0.00			1	20	--	SPARE	6
7	SPARE	--	20	1			0.00	0.00	1	20	--	SPARE	8
9	SPARE	--	20	1	0.00	0.00			1	20	--	SPARE	10
11	SPARE	--	20	1			0.00	0.00	1	20	--	SPARE	12
13	SPARE	--	20	1	0.00	0.00			1	20	--	SPARE	14
15	SPARE	--	20	1			0.00	0.00	1	20	--	SPARE	16
17	RUL STP	12	20	2	1.21	1.21			2	20	12	PUL STP	18
19	---	--	--	--			1.21	1.21	--	--	--	---	20
21	D-BOX CONTROLLER	12	20	1	0.11	1.09			2	20	12	DSL STP	22
23	SPACE	--	--	--			0.00	1.09	--	--	--	---	24
25	SPACE	--	--	--			0.00	0.00	--	--	--	---	26
27	LOW VOLTAGE DISC	12	20	1			0.36	0.00				SPACE	28
29	SPACE	--	--	--								SPACE	30
TOTAL					5.78		3.87				KVA		
TOTAL LOAD					9.65		32.25				AMPS		
FEEDER LOAD					9.65		46.39				AMPS		
PER NEC ARTICLE 220					9.65		46.39				AMPS		

CONDUIT SCHEDULE					
NAME	DESCRIPTION	CONDUIT SIZE	QTY	WIRE SIZE / MFR #	WIRE QTY
101	NOT USED	-	0	-	-
102	DISPENSER SUMP SENSOR	3/4"	2	BELDEN #88760	1
103	DISPENSER DATA *	3/4"	2	2-WIRE TWISTED PAIR CAT6 (FOR FUTURE EMV)	2 PAIR
104	NOT USED	-	0	-	-
105	RUL TANK ATG/SUMP, INTERSTITIAL, FILL SENSORES	3/4"	1	BELDEN #88760	4 #88760
106	PUL/DSL TANK ATG/SUMP, INTERSTITIAL, FILL SENSORS	3/4"	1	BELDEN #88760	7 #88760
107	FILL BUCKET SENSORS	3/4"	3	BELDEN #88760	1
108	STP SUMP SENSOR/ATG PROBE	3/4"	3	BELDEN #88760	2
109	INTERCOM	1"	1	BELDEN 8762	2 PAIR PER CALL BOX
110	DISPENSER POWER - DIESEL	3/4"	2	#12 THWN-2	4#12 HOTS, 1#12 NEUT, 1#12 GR
111	1.5HP STP POWER	3/4"	3	#10 THWN-2	2#10 HOTS, 1#10 GR
112	NOT USED	-	-	-	-
113	CANOPY LIGHTING POWER	3/4"	1	SEE BLDG ELECTRICAL	SEE BLDG ELECTRICAL
114	CANOPY SIGN POWER	3/4"	1	SEE BLDG ELECTRICAL	SEE BLDG ELECTRICAL
	SIGN POWER	3/4"		PULL STRING	PULL STRING

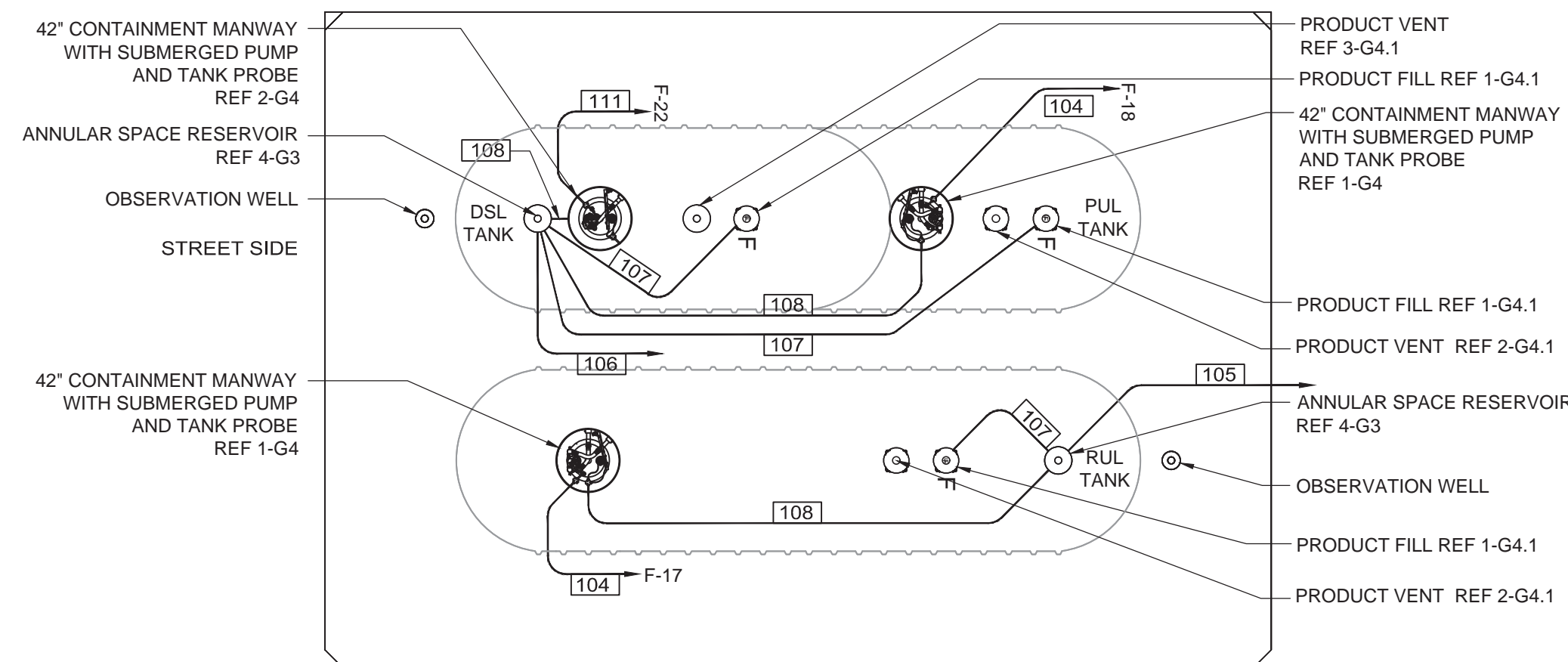
* REFERENCE GILBARCO FIELD WIRING DIAGRAM FE-364D FOR COMPLETE SPECIFICATIONS

COORDINATE PANEL F AND FUELING AREA CIRCUIT LOAD INFORMATION WITH FUELING MEPS. FUELING CONTRACTOR TO SUPPLY AND INSTALL NEW PANELS AND VERIFY ELECTRIC PANEL CAN MEET LOAD REQUIREMENTS.



NOTE:
 (1) GENERAL CONTRACTOR TO INSTALL PANELS CIRCUIT BREAKERS AND CONDUIT.
 (2) GASOLINE CONTRACTOR SHALL INSTALL WIRING (FROM CIRCUIT BREAKERS TO EQUIPMENT), RELAYS, ETC. MAKE ALL CONNECTIONS AND COMPLETE SEAL OFF.

NOTE: PVC CONDUIT (WHERE ALLOWED BY AHJ), MAY BE USED. SEE SPECIFICATION SHEET G16, SECTION 2.3.1 FOR LOCATIONS WHERE PVC CONDUIT MAY BE USED.

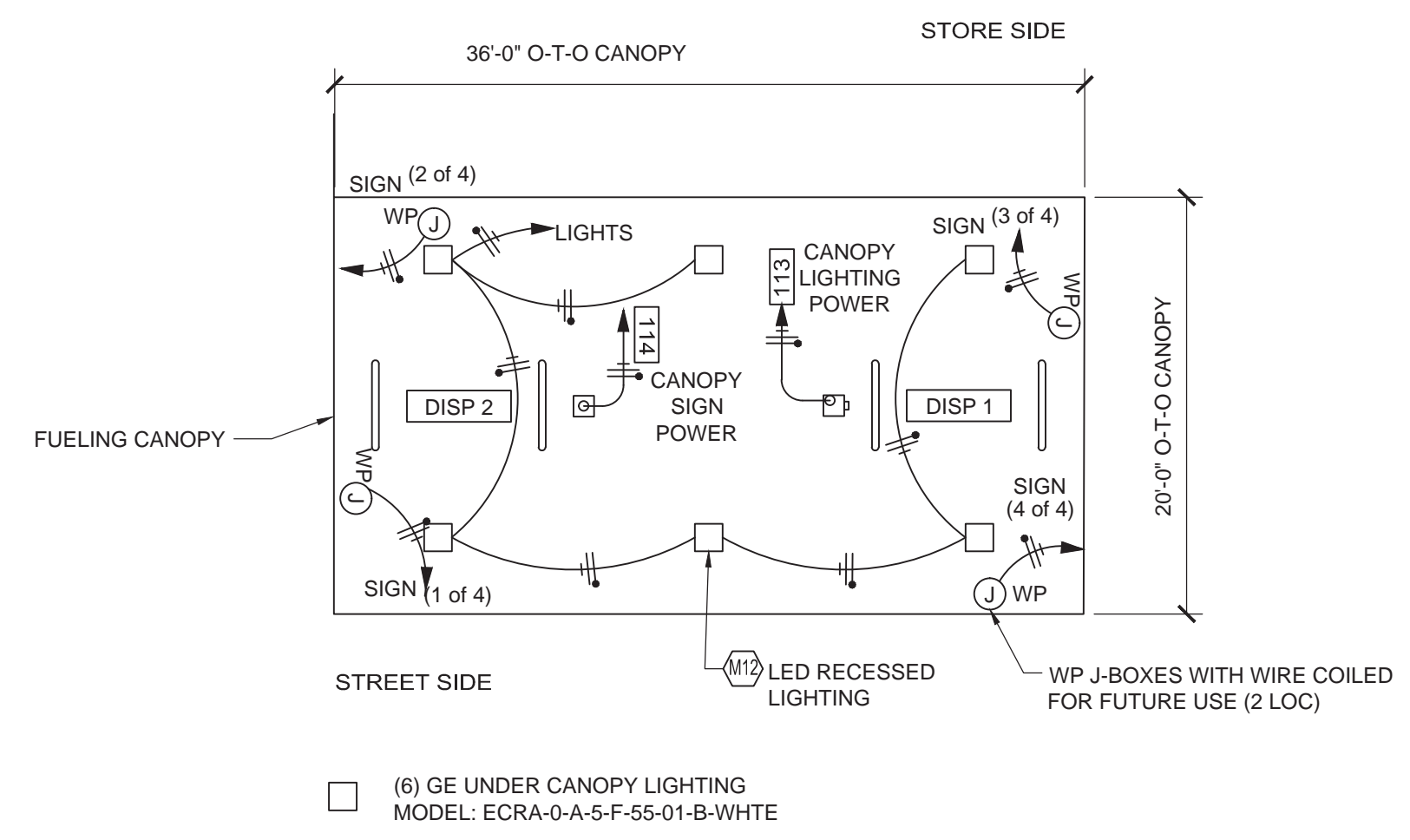


3 PARTIAL ELECTRICAL ONE-LINE DIAGRAM
 1/8"=1'-0"

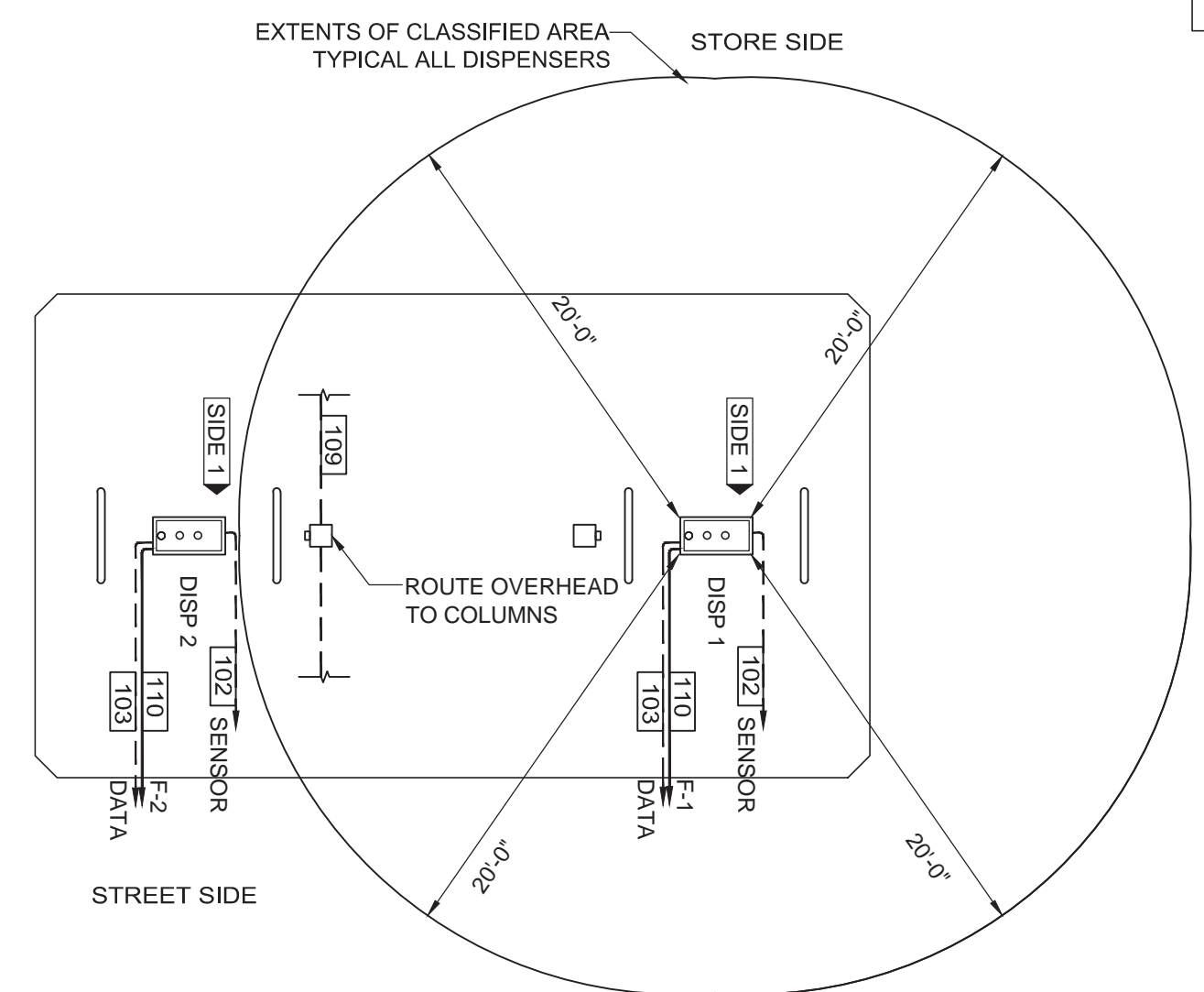
FUELING CONTRACTOR: EXTEND CONDUITS TO FINAL TERMINATION POINT. SEE SPECIFICATION SHEET G16, SECTION VII, 3.2.1 FOR CONDUIT TYPES.
 FOR STP POWER CONDUITS, USE ONLY ROB ROY CONDUIT TYPES "PERMA-COAT", "PLASTI-BOND" OR "KORKAP" WHERE BRAVO FITTINGS ARE USED AND NO PVC CONDUIT IS PERMITTED. ROUTE CONDUITS IN SEPERATE RACEWAY.

NOTE: ROUTE ALL CONDUITS UNDERGROUND TO C-STORE ELEC ROOM. DATA/COM CABLE EXCESS TO BE COILED IN ELEC RM FOR ROUTING ABOVE CEILING IN C-STORE TO FINAL TERMINATION POINT.

LIGHTING SUPPLIED BY 7-ELEVEN, INC AND INSTALLED BY GAS CONTRACTOR.
 CIRCUITS REQUIRED FOR THE FUELING AREA / CANOPY LIGHTING AND MISCELLANEOUS EQUIPMENT ARE:
 CANOPY LIGHTS 510 VA 20 A BREAKER
 CANOPY SIGNS 150 VA 20 A BREAKER
 CONT/EMERG SHUTOFF 40 VA 20 A BREAKER
 REF STORE MEP PANEL SCHEDULES FOR LOCATION



2 CANOPY CONDUIT SCHEMATIC
 1/8"=1'-0"



1 UNDERGROUND CONDUIT SCHEMATIC
 1/8"=1'-0"

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 Scale: AS NOTED
 Date: 01/21/16
 Drawn By: JMR
 Checked By: CPS

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