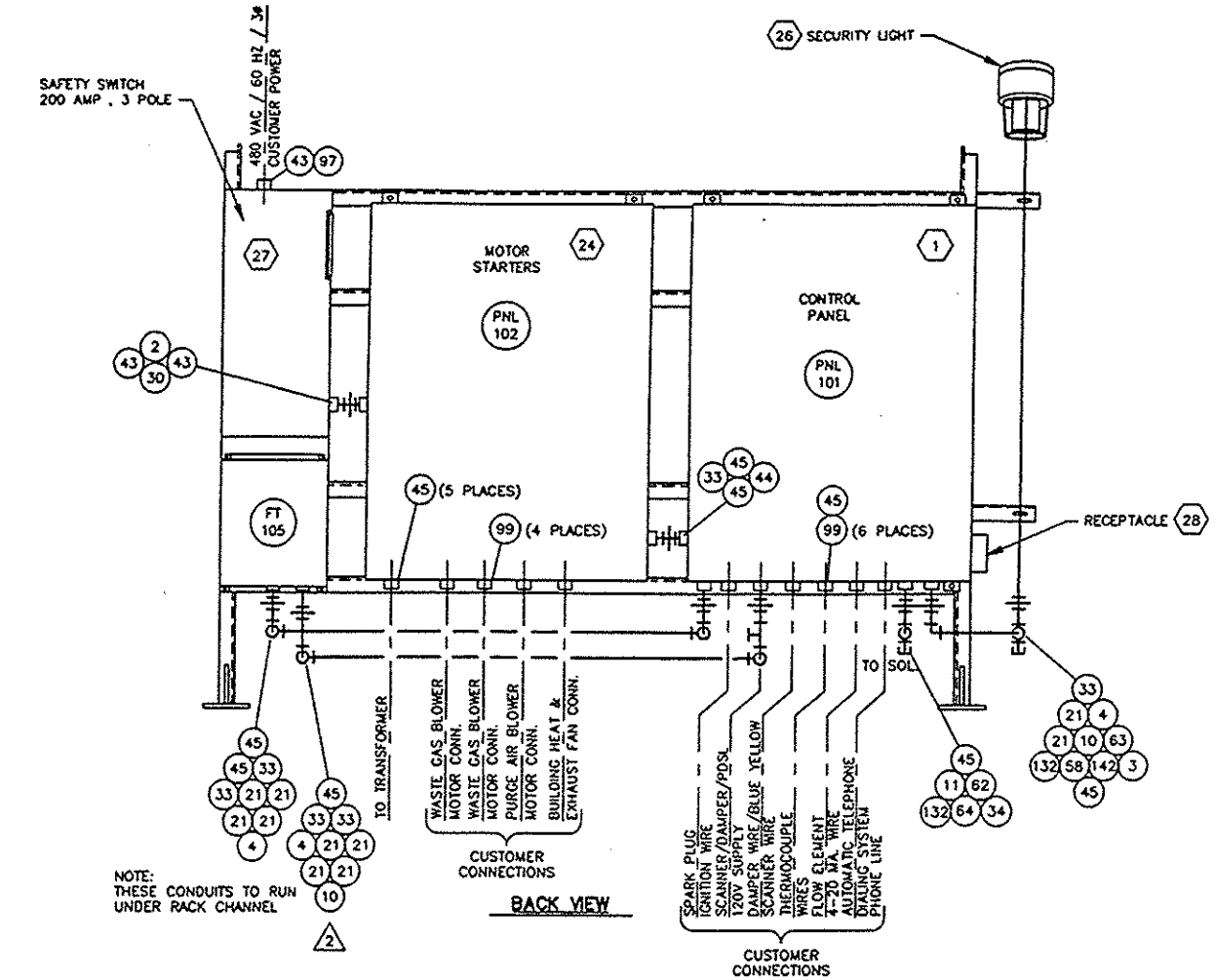

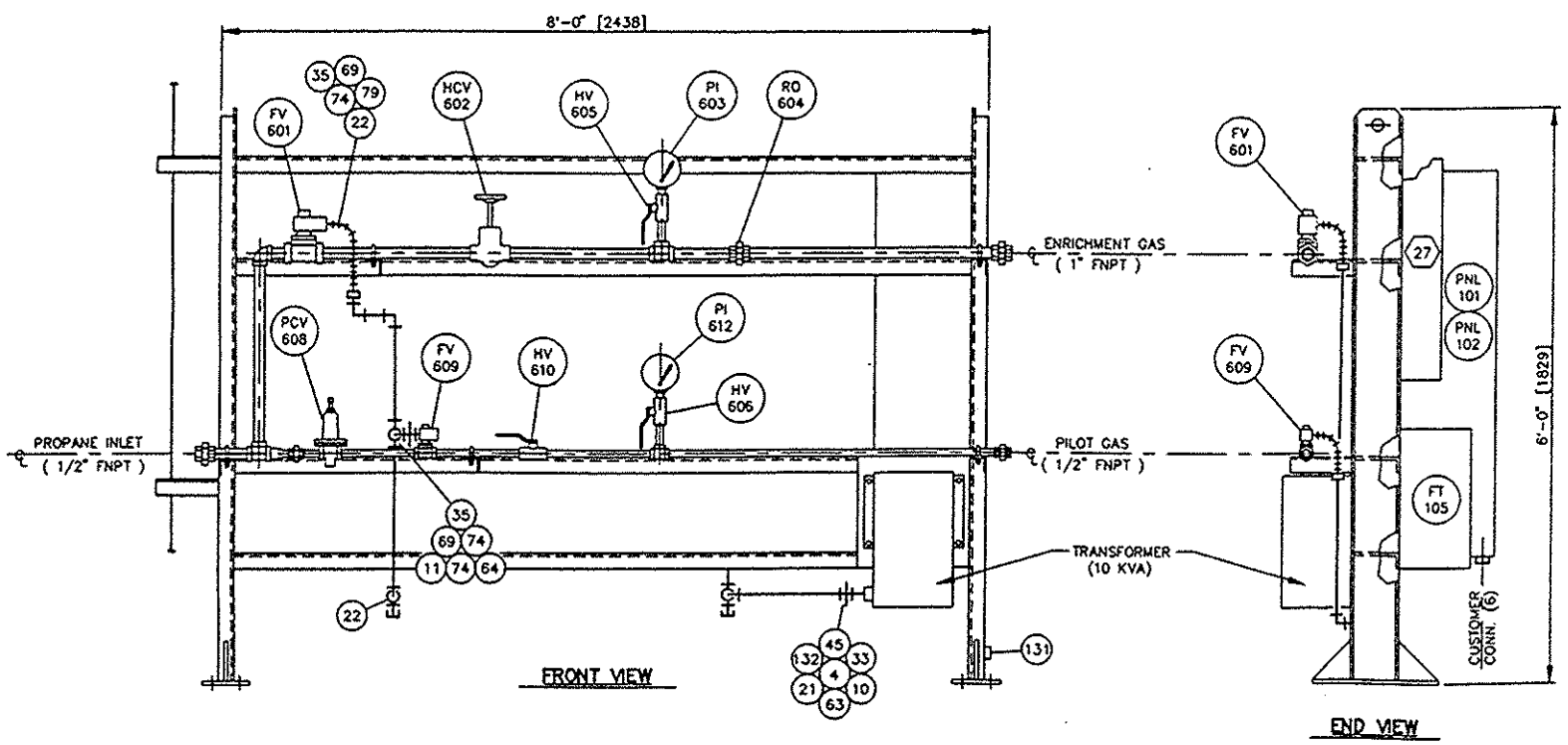

NOTE:
SHOP TO LOCATE (6) 1" CUSTOMER CONDUIT CONNECTIONS TOWARD FRONT OF PNL-101

BILL OF MATERIAL

ITEM NO.	QTY.	DESCRIPTION	ITEM NO.	QTY.	DESCRIPTION
		CONDUIT, RIGID GALVANIZED STEEL			**FLEXIBLE COUPLING (EXPLOSION PROOF)**
1		2 1/2"	80		2" X 12" C-H No. ECLK612
2	2'	2"	81		1 1/2" X 12" C-H No. ECLK512
3	10'	1 1/2"	82		1" X 12" C-H No. ECLK312
4	△20'	1"	83		3/4" X 12" C-H No. ECLK212
5	5'	3/4"	84		1/2" X 12" C-H No. ECLK112
6		1/2"	85		1" X 8" C-H No. ECLK38
		CONDUIT TEE W/COVER & GASKET	86		3/4" X 8" C-H No. ECLK28
7		2 1/2" C-H No. T77 W/No. 870 & GASK578	87		1/2" X 8" C-H No. ECLK18
8		2" C-H No T67 W/No. 670 & GASK576	88		3/4" X 4" C-H No. ECLK24
9		1 1/2" C-H No. T57 W/No. 570 & GASK575	89		1/2" X 4" C-H No. ECLK14
10	△ 3	1" C-H No. T37 W/No. 370 & GASK573			**ONE HOLE CONDUIT CLAMP**
11	2	3/4" C-H No. T27 W/No. 270 & GASK572	90		2 1/2" BRIDGEPORT No. 907
12		1/2" C-H No. T17 W/No. 170 & GASK571	91		2" BRIDGEPORT No. 906
		CONDUIT TEE (EXPLOSION PROOF)	92		1 1/2" BRIDGEPORT No. 905
13		2" C-H No. GUAT69	93		1" BRIDGEPORT No. 903
14		1 1/2" C-H No. GUAT59	94		3/4" BRIDGEPORT No. 902
15		1" C-H No. GUAT36	95		1/2" BRIDGEPORT No. 901
16		3/4" C-H No. GUAT26			**CONDUIT PLUG**
17		1/2" C-H No. GUAT16	96		2 1/2" C-H No. PLG75
		CONDUIT ELL W/COVER & GASKET	97	1	2" C-H No. PLG65
18		2 1/2" C-H No. LB777 W/No. 870 & GASK578	98		1 1/2" C-H No. PLG55
19		2" C-H No. LB67 W/No. 670 & GASK576	99	△10	1" C-H No. PLG35
20		1 1/2" C-H No. LB57 W/No. 570 & GASK575	100		3/4" C-H No. PLG25
21	△ 11	1" C-H No. LB37 W/No. 370 & GASK573	101		1/2" C-H No. PLG15
22	2	3/4" C-H No. LB27 W/No. 270 & GASK572			**WIRE (STRANDED)**
23		1/2" C-H No. LB17 W/No. 170 & GASK571	102		No. 14 MTW/THHN/THWN, RED
		CONDUIT ELL (EXPLOSION PROOF)	103	50'	No. 14 MTW/THHN/THWN, WHITE
24		2" C-H No. GUAL69	104	250'	No. 14 MTW/THHN/THWN, YELLOW
25		1 1/2" C-H No. GUAL59	105	6'	No. 12 MTW/THHN/THWN, BLACK
26		1" C-H No. GUAL36	106		No. 12 MTW/THHN/THWN, GREEN
27		3/4" C-H No. GUAL26	107		No. 12 MTW/THHN/THWN, WHITE
28		1/2" C-H No. GUAL16	108		No. 12 MTW/THHN/THWN, YELLOW
		MALE CONDUIT UNION	109		No. 10 MTW/THHN/THWN, BLACK
29		2 1/2" C-H No. UNY705	110		No. 10 MTW/THHN/THWN, WHITE
30	1	2" C-H No. UNY605	111		No. 10 MTW/THHN/THWN, YELLOW
31		1 1/2" C-H No. UNY505	112		No. 8 MTW/THHN/THWN, BLACK
32		1 1/4" C-H No. UNY405	113		No. 8 MTW/THHN/THWN, WHITE
33	△33	1" C-H No. UNY305	114		No. 8 MTW/THHN/THWN, YELLOW
34	△ 1	3/4" C-H No. UNY205	115		No. 3 MTW/THHN/THWN, BLACK
35	2	1/2" C-H No. UNY105	116		No. 3/0 MTW/THHN/THWN, BLACK
		CONDUIT SEAL	117		No. MTW/THHN/THWN, BLACK
36		2 1/2" C-H No. EYS76	118		No. MTW/THHN/THWN, BLACK
37		2" C-H No. EYS66	119		No. MTW/THHN/THWN, BLACK
38		1 1/2" C-H No. EYS56	120		No. MTW/THHN/THWN, BLACK
39		1" C-H No. EYS316	121		No. MTW/THHN/THWN, BLACK
40		3/4" C-H No. EYS216			**WIRE (MISCELLANEOUS)**
41		1/2" C-H No. EYS116	122		2/C No. 18 TWISTED SHIELDED CABLE
		CONDUIT HUB	123		TYPE "JX" T/C EXTENSION WIRE
42		2 1/2" MYERS No. ST7	124		TYPE "KX" T/C EXTENSION WIRE
43	3	2" MYERS No. ST6	125		SILICON IGNITION CABLE TAYLOR No. 357
44		1 1/2" MYERS No. ST5			"KOOL BLUE" METALLIC CONDUCTOR
45	△19	1" MYERS No. ST3			HI-PERFORMANCE
46		3/4" MYERS No. ST2	126		
47		1/2" MYERS No. ST1	127		
		CONDUIT REDUCER	128		
48		3" X 2" C-H No. RE86	129		
49		3" X 1 1/2" C-H No. RE85	130		
50		3" X 1" C-H No. RE83			**MISCELLANEOUS**
51		2 1/2" X 2" C-H No. RE76	131	1	GROUND LUG BURNDY No. KC26
52		2 1/2" X 1 1/2" C-H No. RE75	132	3	DRAIN/BREATHER 1/2" C-H No. ECD15
53		2 1/2" X 1" C-H No. RE73	133	60	MODULAR TERMINAL BLOCK, 600V, 55A,
54		2" X 1 1/2" C-H No. RE65			No. 8 AWG, RAIL MOUNTED
55		2" X 1" C-H No. RE63	134	1'-3"	MOUNTING RAIL DIN 1
56		2" X 3/4" C-H No. RE62	135	1	ENDSTOP
57		2" X 1/2" C-H No. RE61	136	1	END PLATE
58		1 1/2" X 1" C-H No. RE53	137		CIRCUIT SEPARATOR
59		1 1/2" X 3/4" C-H No. RE52	138		5" DIA. DOME COVER, C-H No. GUA514
60		1 1/2" X 1/2" C-H No. RE51	139		3" DIA. DOME COVER, C-H No. GUA067
61		1 1/4" X 1/2" C-H No. RE41	140		3" DIA. BODY EXT., C-H No. GUA0631
62	1	1" X 3/4" C-H No. RE32	141		
63	2	1" X 1/2" C-H No. RE31	142	1	1 1/2" COUPLING , GALV. (CONDUIT)
64	3	3/4" X 1/2" C-H No. RE21	143		
		INTERNALLY GROUNDED TYPE UA LIQUIDTIGHT FLEXIBLE METAL CONDUIT	144		
			145		
65		2"			
66		1 1/2"			
67		1"			
68		3/4"			
69	3'	1/2"			
		STRAIGHT LIQUIDTIGHT CONDUIT CONNECTOR			
70		2" C-H No. LTB200			
71		1 1/2" C-H No. LTB150			
72		1" C-H No. LTB100			
73		3/4" C-H No. LTB75			
74	3	1/2" C-H No. LTB50			
		90° LIQUIDTIGHT CONDUIT CONNECTOR			
75		2" C-H No. LTB20090			
76		1 1/2" C-H No. LTB15090			
77		1" C-H No. LTB10090			
78		3/4" C-H No. LTB7590			
79	1	1/2" C-H No. LTB5090			

SHOP CODE 430

REVISED
DESTROY ALL PREVIOUS DRAWS

Notes :

1: TAG NO'S TO BE PRECEDED BY McGILL JOB NO.

2: ENCLOSURES ARE NEMA 4

3: FINISH - (EXT. C.S.) SANDBLAST / SSPC-SP-6 & PRIME W/ DIMETCOTE "EZ-II" (2 1/2 MILS M.D.F.T.)

No.	Date	By	Chk'd	App'd	Description
2	4-9-91	MB	SC	JRH	REVISED PER ENGINEERING REVIEW
1	4-1-91	MB	RC	JPH	REVISED PER E.C.N. NO.4833

Revisions

Dwg. No.	Subject

Reference Drawings

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Customer BROWNING FERRIS INDUSTRIES

Drawn	DAVID
Date	2/28/91
Scale	1"=1'-0"
Checked	SC
App'd	JRH

ELECTRICAL CONDUIT DETAILS
(EGF FLARE CONTROL RACK)

IT McGill — Pollution Control Systems, Tulsa, Oklahoma

DATE PLOTTED 4/9/91

P.O. No. 9539

Revision No. 2

Drawing No. D-120575-60-106

Sheet 1 Of 1