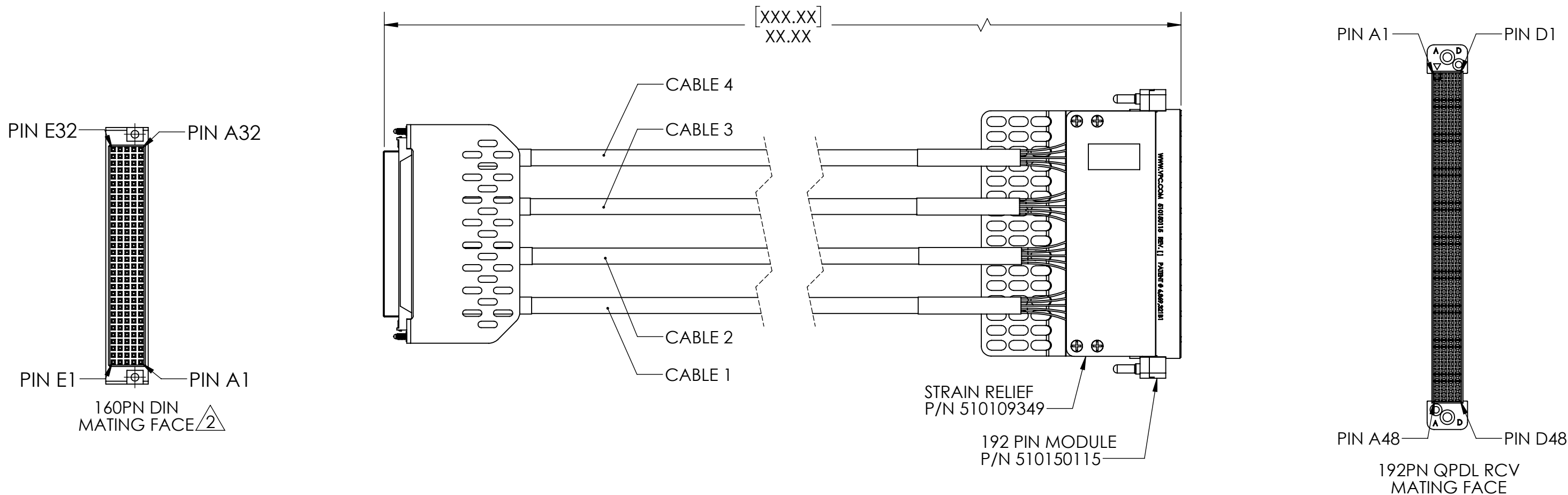


DO NOT SCALE DRAWING

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REV	DESCRIPTION	DATE	ENGINEER
D	ECN #9143	6/4/19	J FERSNER



MATING COMPONENTS		QTY
MODULE	510151105	1
PATCHCORD	7-121424000-XXX	80

2 160-PIN DIN CONNECTOR IS DIN-41612 COMPATIBLE.

NOTES:

VPC P/N 540069110X40 WHERE X =	LENGTH XX.XX"
1	20.00" [508]
2	36.00" [914]
6	48.00" [1219]
9	60.00" [1524]
5	72.00" [1829]

RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT

DIMENSIONS ARE SHOWN AS:
[MILLIMETERS]
INCHES

CUSTOMER DRAWING

CBA, RCV, QUADRAPADDLE TO 160-PIN DIN f/ NI PXIe-2525

DWG.NO. **540069110X40** REV **D**

SIZE B	SCALE NONE	CAGE CODE 18117	SHEET 1 OF 3
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Run #	From Connector	From Pin	Contact	Signal Desc	Wire AWG	Wire Patchcord P/N	Length (in)	Wire Color	T/P #	To Connector	To Pin	Signal Desc	Contact	Label P/N	Notes
1	VPC RCVR MODULE	D1	610138216	CH 3+	24	7-124424536-XXX	-	WHT	1	160 DIN	E32	-	270009	-	CABLE 4
2		D2	610138216	CH 3-	24		-	BLK	1		E31	-	270009	-	
3		C1	610138216	CH 2+	24	7-124424536-XXX	-	WHT	2		D32	-	270009	-	
4		C2	610138216	CH 2-	24		-	BLK	2		D31	-	270009	-	
5		B1	610138216	CH 1+	24	7-124424536-XXX	-	WHT	3		C32	-	270009	-	
6		B2	610138216	CH 1-	24		-	BLK	3		C31	-	270009	-	
7		A1	610138216	CH 0+	24	7-124424536-XXX	-	WHT	4		B32	-	270009	-	
8		A2	610138216	CH 0-	24		-	BLK	4		B31	-	270009	-	
9		D3	610138216	COM 0+	24	7-124424536-XXX	-	WHT	5		A32	-	270009	-	
10		C3	610138216	COM 0-	24		-	BLK	5		A31	-	270009	-	
11		D4	610138216	CH 7+	24	7-124424536-XXX	-	WHT	6		E30	-	270009	-	
12		D5	610138216	CH 7-	24		-	BLK	6		E29	-	270009	-	
13		C4	610138216	CH 6+	24	7-124424536-XXX	-	WHT	7		D30	-	270009	-	
14		C5	610138216	CH 6-	24		-	BLK	7		D29	-	270009	-	
15		B4	610138216	CH 5+	24	7-124424536-XXX	-	WHT	8		C30	-	270009	-	
16		B5	610138216	CH 5-	24		-	BLK	8		C29	-	270009	-	
17		A4	610138216	CH 4+	24	7-124424536-XXX	-	WHT	9		B30	-	270009	-	
18		A5	610138216	CH 4-	24		-	BLK	9		B29	-	270009	-	
19		B3	610138216	COM 1+	24	7-124424536-XXX	-	WHT	10		A30	-	270009	-	
20		A3	610138216	COM 1-	24		-	BLK	10		A29	-	270009	-	
21		D6	610138216	CH 11+	24	7-124424536-XXX	-	WHT	11		E28	-	270009	-	
22		D7	610138216	CH 11-	24		-	BLK	11		E27	-	270009	-	
23		C6	610138216	CH 10+	24	7-124424536-XXX	-	WHT	12		D28	-	270009	-	
24		C7	610138216	CH 10-	24		-	BLK	12		D27	-	270009	-	
25		B6	610138216	CH 9+	24	7-124424536-XXX	-	WHT	13		C28	-	270009	-	
26		B7	610138216	CH 9-	24		-	BLK	13		C27	-	270009	-	
27		A6	610138216	CH 8+	24	7-124424536-XXX	-	WHT	14		B28	-	270009	-	
28		A7	610138216	CH 8-	24		-	BLK	14		B27	-	270009	-	
29		D8	610138216	COM 2+	24	7-124424536-XXX	-	WHT	15		A28	-	270009	-	
30		C8	610138216	COM 2-	24		-	BLK	15		A27	-	270009	-	
31		D9	610138216	CH 15+	24	7-124424536-XXX	-	WHT	16		E26	-	270009	-	
32		D10	610138216	CH 15-	24		-	BLK	16		E25	-	270009	-	
33		C9	610138216	CH 14+	24	7-124424536-XXX	-	WHT	17		D26	-	270009	-	
34		C10	610138216	CH 14-	24		-	BLK	17		D25	-	270009	-	
35		B9	610138216	CH 13+	24	7-124424536-XXX	-	WHT	18		C26	-	270009	-	
36		B10	610138216	CH 13-	24		-	BLK	18		C25	-	270009	-	
37		A9	610138216	CH 12+	24	7-124424536-XXX	-	WHT	19		B26	-	270009	-	
38		A10	610138216	CH 12-	24		-	BLK	19		B25	-	270009	-	
39		B8	610138216	COM 3+	24	7-124424536-XXX	-	WHT	20		A26	-	270009	-	
40		A8	610138216	COM 3-	24		-	BLK	20		A25	-	270009	-	

Run #	From Connector	From Pin	Contact	Signal Desc	Wire AWG	Wire Patchcord P/N	Length (in)	Wire Color	T/P #	To Connector	To Pin	Signal Desc	Contact	Label P/N	Notes
41	VPC RCVR MODULE	D11	610138216	CH 19+	24	7-124424536-XXX	-	WHT	21	160 DIN	E24	-	270009	-	CABLE 3
42		D12	610138216	CH 19-	24		-	BLK	21		E23	-	270009	-	
43		C11	610138216	CH 18+	24	7-124424536-XXX	-	WHT	22		D24	-	270009	-	
44		C12	610138216	CH 18-	24		-	BLK	22		D23	-	270009	-	
45		B11	610138216	CH 17+	24	7-124424536-XXX	-	WHT	23		C24	-	270009	-	
46		B12	610138216	CH 17-	24		-	BLK	23		C23	-	270009	-	
47		A11	610138216	CH 16+	24	7-124424536-XXX	-	WHT	24		B24	-	270009	-	
48		A12	610138216	CH 16-	24		-	BLK	24		B23	-	270009	-	
49		D13	610138216	COM 4+	24	7-124424536-XXX	-	WHT	25		A24	-	270009	-	
50		C13	610138216	COM 4-	24		-	BLK	25		A23	-	270009	-	
51		D14	610138216	CH 23+	24	7-124424536-XXX	-	WHT	26		E22	-	270009	-	
52		D15	610138216	CH 23-	24		-	BLK	26		E21	-	270009	-	
53		C14	610138216	CH 22+	24	7-124424536-XXX	-	WHT	27		D22	-	270009	-	
54		C15	610138216	CH 22-	24		-	BLK	27		D21	-	270009	-	
55		B14	610138216	CH 21+	24	7-124424536-XXX	-	WHT	28		C22	-	270009	-	
56		B15	610138216	CH 21-	24		-	BLK	28		C21	-	270009	-	
57		A14	610138216	CH 20+	24	7-124424536-XXX	-	WHT	29		B22	-	270009	-	
58		A15	610138216	CH 20-	24		-	BLK	29		B21	-	270009	-	
59		B13	610138216	COM 5+	24	7-124424536-XXX	-	WHT	30		A22	-	270009	-	
60		A13	610138216	COM 5-	24		-	BLK	30		A21	-	270009	-	
61		D16	610138216	CH 27+	24	7-124424536-XXX	-	WHT	31		E20	-	270009	-	
62		D17	610138216	CH 27-	24		-	BLK	31		E19	-	270009	-	
63		C16	610138216	CH 26+	24	7-124424536-XXX	-	WHT	32		D20	-	270009	-	
64		C17	610138216	CH 26-	24		-	BLK	32		D19	-	270009	-	
65		B16	610138216	CH 25+	24	7-124424536-XXX	-	WHT	33		C20	-	270009	-	
66		B17	610138216	CH 25-	24		-	BLK	33		C19	-	270009	-	
67		A16	610138216	CH 24+	24	7-124424536-XXX	-	WHT	34		B20	-	270009	-	
68		A17	610138216	CH 24-	24		-	BLK	34		B19	-	270009	-	
69		D18	610138216	COM 6+	24	7-124424536-XXX	-	WHT	35		A20	-	270009	-	
70		C18	610138216	COM 6-	24		-	BLK	35		A19	-	270009	-	
71		D19	610138216	CH 31+	24	7-124424536-XXX	-	WHT	36		E18	-	270009	-	
72		D20	610138216	CH 31-	24		-	BLK	36		E17	-	270009	-	
73		C19	610138216	CH 30+	24	7-124424536-XXX	-	WHT	37		D18	-	270009	-	
74		C20	610138216	CH 30-	24		-	BLK	37		D17	-	270009	-	
75		B19	610138216	CH 29+	24	7-124424536-XXX	-	WHT	38		C18	-	270009	-	
76		B20	610138216	CH 29-	24		-	BLK	38		C17	-	270009	-	
77		A19	610138216	CH 28+	24	7-124424536-XXX	-	WHT	39		B18	-	270009	-	
78		A20	610138216	CH 28-	24		-	BLK	39		B17	-	270009	-	
79		B18	610138216	COM 7+	24	7-124424536-XXX	-	WHT	40		A18	-	270009	-	
80		A18	610138216	COM 7-	24		-	BLK	40		A17	-	270009	-	

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DWG.NO.		540069110X40		REV	D
SIZE	SCALE	CAGE CODE	SHEET		
B	NONE	18117	2 OF 3		

DO NOT SCALE DRAWING

Run #	From Connector	From Pin	Contact	Signal Desc	Wire AWG	Wire Patchcord P/N	Length (in)	Wire Color	T/P #	To Connector	To Pin	Signal Desc	Contact	Label P/N	Notes
81	VPC RCVR MODULE	D21	610138216	CH 35+	24	7-124424536-XXX	-	WHT	41	160 DIN	E16	-	270009	-	CABLE 2
82		D22	610138216	CH 35-	24	-	-	BLK	41		E15	-	270009	-	
83		C21	610138216	CH 34+	24	7-124424536-XXX	-	WHT	42		D16	-	270009	-	
84		C22	610138216	CH 34-	24	-	-	BLK	42		D15	-	270009	-	
85		B21	610138216	CH 33+	24	7-124424536-XXX	-	WHT	43		C16	-	270009	-	
86		B22	610138216	CH 33-	24	-	-	BLK	43		C15	-	270009	-	
87		A21	610138216	CH 32+	24	7-124424536-XXX	-	WHT	44		B16	-	270009	-	
88		A22	610138216	CH 32-	24	-	-	BLK	44		B15	-	270009	-	
89		D23	610138216	COM 8+	24	7-124424536-XXX	-	WHT	45		A16	-	270009	-	
90		C23	610138216	COM 8-	24	-	-	BLK	45		A15	-	270009	-	
91		D24	610138216	CH 39+	24	7-124424536-XXX	-	WHT	46		E14	-	270009	-	
92		D25	610138216	CH 39-	24	-	-	BLK	46		E13	-	270009	-	
93		C24	610138216	CH 38+	24	7-124424536-XXX	-	WHT	47		D14	-	270009	-	
94		C25	610138216	CH 38-	24	-	-	BLK	47		D13	-	270009	-	
95		B24	610138216	CH 37+	24	7-124424536-XXX	-	WHT	48		C14	-	270009	-	
96		B25	610138216	CH 37-	24	-	-	BLK	48		C13	-	270009	-	
97		A24	610138216	CH 36+	24	7-124424536-XXX	-	WHT	49		B14	-	270009	-	
98		A25	610138216	CH 36-	24	-	-	BLK	49		B13	-	270009	-	
99		B23	610138216	COM 9+	24	7-124424536-XXX	-	WHT	50		A14	-	270009	-	
100		A23	610138216	COM 9-	24	-	-	BLK	50		A13	-	270009	-	
101	D26	610138216	CH 43+	24	7-124424536-XXX	-	WHT	51	E12	-	270009	-			
102	D27	610138216	CH 43-	24	-	-	BLK	51	E11	-	270009	-			
103	C26	610138216	CH 42+	24	7-124424536-XXX	-	WHT	52	D12	-	270009	-			
104	C27	610138216	CH 42-	24	-	-	BLK	52	D11	-	270009	-			
105	B26	610138216	CH 41+	24	7-124424536-XXX	-	WHT	53	C12	-	270009	-			
106	B27	610138216	CH 42-	24	-	-	BLK	53	C11	-	270009	-			
107	A26	610138216	CH 40+	24	7-124424536-XXX	-	WHT	54	B12	-	270009	-			
108	A27	610138216	CH 40-	24	-	-	BLK	54	B11	-	270009	-			
109	D28	610138216	COM 10+	24	7-124424536-XXX	-	WHT	55	A12	-	270009	-			
110	C28	610138216	COM 10-	24	-	-	BLK	55	A11	-	270009	-			
111	D29	610138216	CH 47+	24	7-124424536-XXX	-	WHT	56	E10	-	270009	-			
112	D30	610138216	CH 47-	24	-	-	BLK	56	E9	-	270009	-			
113	C29	610138216	CH 46+	24	7-124424536-XXX	-	WHT	57	D10	-	270009	-			
114	C30	610138216	CH 46-	24	-	-	BLK	57	D9	-	270009	-			
115	B29	610138216	CH 45+	24	7-124424536-XXX	-	WHT	58	C10	-	270009	-			
116	B30	610138216	CH 45-	24	-	-	BLK	58	C9	-	270009	-			
117	A29	610138216	CH 44+	24	7-124424536-XXX	-	WHT	59	B10	-	270009	-			
118	A30	610138216	CH 44-	24	-	-	BLK	59	B9	-	270009	-			
119	B28	610138216	COM 11+	24	7-124424536-XXX	-	WHT	60	A10	-	270009	-			
120	A28	610138216	COM 11-	24	-	-	BLK	60	A9	-	270009	-			

Run #	From Connector	From Pin	Contact	Signal Desc	Wire AWG	Wire Patchcord P/N	Length (in)	Wire Color	T/P #	To Connector	To Pin	Signal Desc	Contact	Label P/N	Notes
121	VPC RCVR MODULE	D31	610138216	CH 51+	24	7-124424536-XXX	-	WHT	61	160 DIN	E8	-	270009	-	CABLE 1
122		D32	610138216	CH 51-	24	-	-	BLK	61		E7	-	270009	-	
123		C31	610138216	CH 50+	24	7-124424536-XXX	-	WHT	62		D8	-	270009	-	
124		C32	610138216	CH 50-	24	-	-	BLK	62		D7	-	270009	-	
125		B31	610138216	CH 49+	24	7-124424536-XXX	-	WHT	63		C8	-	270009	-	
126		B32	610138216	CH 49-	24	-	-	BLK	63		C7	-	270009	-	
127		A31	610138216	CH 48+	24	7-124424536-XXX	-	WHT	64		B8	-	270009	-	
128		A32	610138216	CH 48-	24	-	-	BLK	64		B7	-	270009	-	
129		D33	610138216	COM 12+	24	7-124424536-XXX	-	WHT	65		A8	-	270009	-	
130		C33	610138216	COM 12-	24	-	-	BLK	65		A7	-	270009	-	
131		D34	610138216	CH 55+	24	7-124424536-XXX	-	WHT	66		E6	-	270009	-	
132		D35	610138216	CH 55-	24	-	-	BLK	66		E5	-	270009	-	
133		C34	610138216	CH 54+	24	7-124424536-XXX	-	WHT	67		D6	-	270009	-	
134		C35	610138216	CH 54-	24	-	-	BLK	67		D5	-	270009	-	
135		B34	610138216	CH 53+	24	7-124424536-XXX	-	WHT	68		C6	-	270009	-	
136		B35	610138216	CH 53-	24	-	-	BLK	68		C5	-	270009	-	
137		A34	610138216	CH 52+	24	7-124424536-XXX	-	WHT	69		B6	-	270009	-	
138		A35	610138216	CH 52-	24	-	-	BLK	69		B5	-	270009	-	
139		B33	610138216	COM 13+	24	7-124424536-XXX	-	WHT	70		A6	-	270009	-	
140		A33	610138216	COM 13-	24	-	-	BLK	70		A5	-	270009	-	
141	D36	610138216	CH 59+	24	7-124424536-XXX	-	WHT	71	E4	-	270009	-			
142	D37	610138216	CH 59-	24	-	-	BLK	71	E3	-	270009	-			
143	C36	610138216	CH 58+	24	7-124424536-XXX	-	WHT	72	D4	-	270009	-			
144	C37	610138216	CH 58-	24	-	-	BLK	72	D3	-	270009	-			
145	B36	610138216	CH 57+	24	7-124424536-XXX	-	WHT	73	C4	-	270009	-			
146	B37	610138216	CH 57-	24	-	-	BLK	73	C3	-	270009	-			
147	A36	610138216	CH 56+	24	7-124424536-XXX	-	WHT	74	B4	-	270009	-			
148	A37	610138216	CH 56-	24	-	-	BLK	74	B3	-	270009	-			
149	D38	610138216	COM 14+	24	7-124424536-XXX	-	WHT	75	A4	-	270009	-			
150	C38	610138216	COM 14-	24	-	-	BLK	75	A3	-	270009	-			
151	D39	610138216	CH 63+	24	7-124424536-XXX	-	WHT	76	E2	-	270009	-			
152	D40	610138216	CH 63-	24	-	-	BLK	76	E1	-	270009	-			
153	C39	610138216	CH 62+	24	7-124424536-XXX	-	WHT	77	D2	-	270009	-			
154	C40	610138216	CH 62-	24	-	-	BLK	77	D1	-	270009	-			
155	B39	610138216	CH 61+	24	7-124424536-XXX	-	WHT	78	C2	-	270009	-			
156	B40	610138216	CH 61-	24	-	-	BLK	78	C1	-	270009	-			
157	A39	610138216	CH 60+	24	7-124424536-XXX	-	WHT	79	B2	-	270009	-			
158	A40	610138216	CH 60-	24	-	-	BLK	79	B1	-	270009	-			
159	B38	610138216	COM 15+	24	7-124424536-XXX	-	WHT	80	A2	-	270009	-			
160	A38	610138216	COM 15-	24	-	-	BLK	80	A1	-	270009	-			

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DWG.NO.		540069110X40		REV	D
SIZE	SCALE	CAGE CODE	SHEET		
B	NONE	18117	3 OF 3		

DO NOT SCALE DRAWING