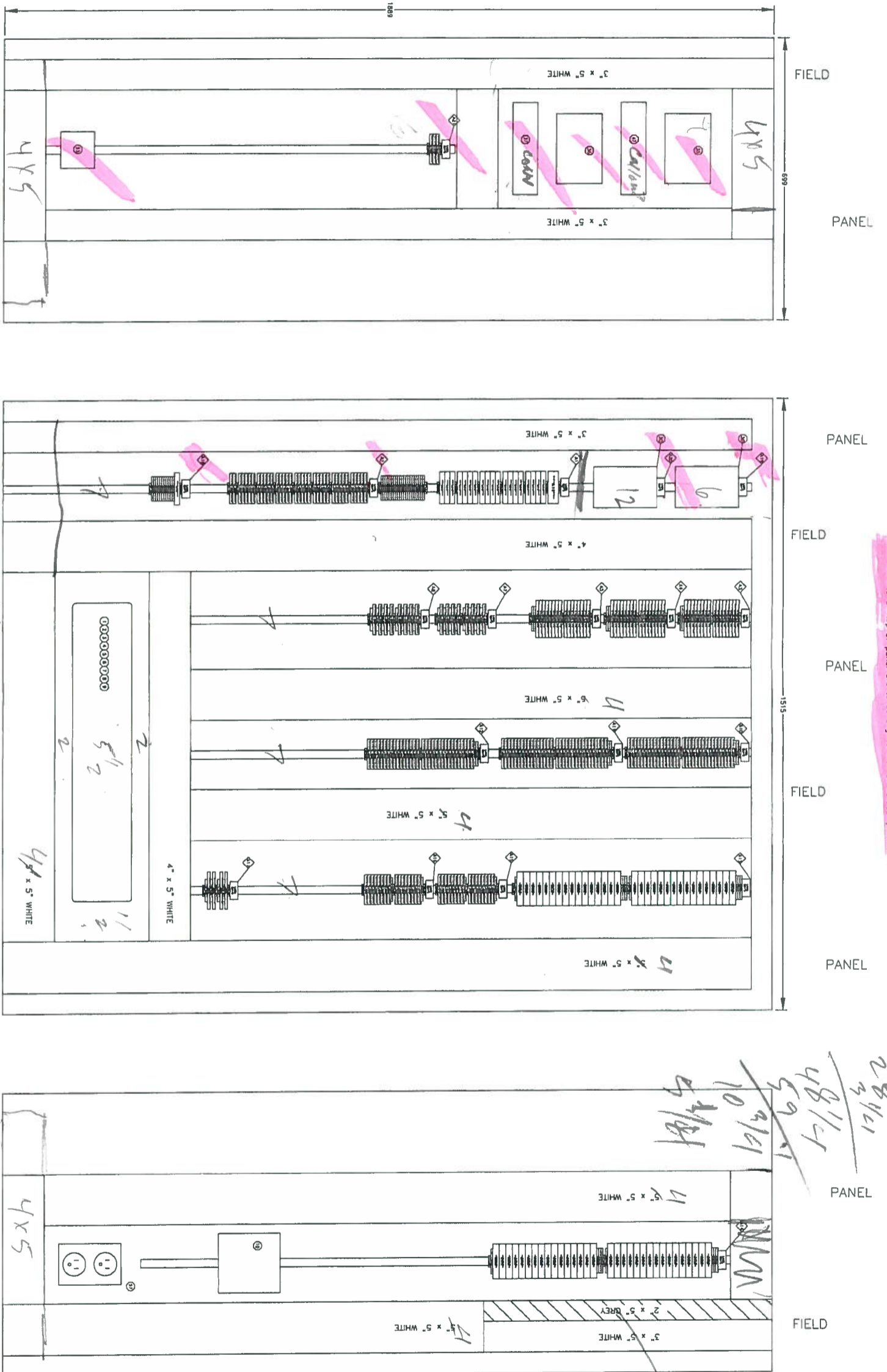




Note: Circuits on top of panel are to be aligned with all vertical panels



1 1/2" from bottom

17 2/3  
2 3/4  
48 1/4  
59 1/4  
10 3/4  
5 1/8

4x5 Grey

DRAWING #	REFERENCE DRAWING TITLE

REV	DATE	DESCRIPTION	DWN	CHKD	APPR
A	22JUN2013	ISSUED FOR REVIEW	RR	CR	-
B	08OCT2013	ISSUED FOR APPROVAL	RR	MG	MG
0	21OCT2013	ISSUED FOR CONSTRUCTION	RR	MG	MG

PROFESSIONAL ENGINEER  
 M. A. GHALY  
 # 38913  
 OCT 24 2013  
 ENGINEER STAMP

**PIONEER**  
 ENGINEERING INC.  
 THIRD PARTY LOGO  
 SCALE AS SHOWN SIZE: 0  
 EPCK PROJECT # 13053

**PennWest**  
 Exploration  
 CORDOVA - MULTI WELL TIE-IN  
 PENN WEST WELLSITE  
 d-055-A/094-P-10  
 Control Panel Layout  
 DWG# d055A094P10-ELC-3400 SHF 1 OF 3 REV 0

A99

Bill Of Materials

Item	Qty	Description	Mfr	CAT#	Supplier
1	1	PLC Processor	AB	1756-L72	Owner
2	1	PLC Power Supply	AB	1756-PB75	Owner
3	1	PLC Rack	AB	1756-A17	Owner
4	3	PLC Input Card	AB	1756-IB32	Owner
5	2	PLC Output Card	AB	1756-OB32	Owner
6	2	PLC Relay Output Card	AB	1756-OR32	Owner
7	3	PLC Analog Input Card	AB	1756-IF16	Owner
8	2	PLC Analog Output Card	AB	1756-OF8	Owner
9	1	PLC Communications Card	AB	1756-EN2T	Owner
10	1	Ethernet Switch	Stratix	1793-RM10T	Owner
11	1	HMI	AB	2711P-T15C4D8	Owner
12	2	PLC BLANK FILLERS	AB	1756-N2	Owner
13	1	Prosolt Modbus Card	Prosolt	MV566-MCM	Owner
14	0				
15	0				
16	0				
17	180	Fuse Indication c/w Feed Through - KOKSIEN	Weidmuller	2147483647	Vendor
18	TBD	Lobel - SCHT5	Weidmuller	1631930000	Vendor
19	TBD	End Bracket - WEW 35/2	Weidmuller	1061200000	Vendor
20	64	1 Pole 24VDC Relay	Orron	G2R-1-SND-24VDC	Vendor
21	64	1 Pole 24VDC Relay Base	Orron	P2R-05-E	Vendor
22	0	Single Disconnect - WTR 2.5	Weidmuller	1855610000	Vendor
23	TBD	Ground Terminal - WPE4	Weidmuller	1010100000	Vendor
24	TBD	Double Disconnect - WDR 2.5	Weidmuller	2147483647	Vendor
25	TBD	Fused with Feed Through KOKSIEN/SM10-60VDC BR H-	Weidmuller	2147483647	Vendor
26	0	DC Blown Fuse Indication - KDKS IPE/LD	Weidmuller	9158330001	Vendor
27	TBD	Circuit breaker	Weidmuller	6842005series	Vendor
28	TBD	Regulator Feed Through Terminal - WDU 2.5	Weidmuller	1020000000	Vendor
29	As Req	Wireway	Open		Vendor
30	2	3 Pole Power Distribution Block	Mersen	67593	Vendor
31	1	Pushbutton - 1NO 1NC Push-Pull Mushroom Red Button c/w Guard	AB	800T-FX6D4 800T-N129	Vendor
32	1	Pushbutton - Green c/w NO Contacts	AB	800T-A2A2	Vendor
33	1	Spare Fuse Holder c/w 10 of Each Fuse Size	Open		Vendor
34					
35	1	Ethernet Radio	MDS	NetZ	Owner
36	1	UHF Base Radio	Motorola	CDM750	Owner
37	1	24-12VDC Converter	Open	10 Amp	Owner
38					
39					
40	0	ROCBZ7 Series 2 c/w Ethernet	Emerson	EXP	Owner
41	0	ROC Expander Rack	Emerson	PM-24	Owner
42	0	ROC 24VDC Power Supply	Emerson		Owner
43	0	ROC Advanced Pulse Module	Emerson		Owner
44	0	ROC HVS	Emerson		Owner
45	0	ROC RS485	Emerson		Owner
46	0	ROC Analog Output	Emerson		Owner
47	1	Collout Moin Module	Barnett	B1290	Owner
48	0				
49	0				
50	1	Cabinet - 1600mmWx2000mmHx900mmD	Rittal	9801410	Owner
51	1	Backpan - 1515mmWx1900mmH	Rittal		Vendor
52	2	Sidepan - 700mmWx1900mmH	Rittal		Vendor
53	1	Top Hat - 1600mmW x 457mmH	Open		Vendor
54	1	Drawing Packet	Open		Vendor
55	1	Fold Down Table	Open		Vendor
56	1	Fluorescent Light c/w Door Switch	Open		Vendor
57	1	GFIC Receptacle	Open		Vendor
58	1	Fan c/w Filter	Open		Vendor

Nomeplate Schedule

Qty	Item	Color	Description	Size
1	A1	Black On White	24VDC DISTRIBUTION	44.5x9.5
1	A2	Black On White	24VDC DISTRIBUTION	44.5x9.5
1	A3	Black On White	SLOT7 IF16	44.5x9.5
1	A4	Black On White	SLOT7 IF16	44.5x9.5
1	A5	Black On White	SLOT7 IF16	44.5x9.5
0	A6	Black On White	SLOT7 OF8	44.5x9.5
1	A7	Black On White	SLOT7 OF8	44.5x9.5
1	A8	Black On White	SLOT7 OF8	44.5x9.5
0	A9	Black On White	SLOT9 IB32	44.5x9.5
1	A10	Black On White	SLOT9 IB32	44.5x9.5
1	A11	Black On White	SLOT10 IB32	44.5x9.5
1	A12	Black On White	SLOT11 IB32	44.5x9.5
1	A13	Black On White	SLOT12 OB32	44.5x9.5
1	A14	Black On White	SLOT13 OB32	44.5x9.5
1	A15	Black On White	SLOT14 OW16	44.5x9.5
1	A16	Black On White	SLOT15 OW16	44.5x9.5
1	A17	Black On White	SLOT16 MODBUS	44.5x9.5
1	A18	Black On White	MANUAL ESD	44.5x9.5
1	A19	Black On White	-24VDC POWER BLOCK	44.5x9.5
1	A20	Black On White	-24VDC POWER BLOCK	44.5x9.5
1	A21	Black On White	12VDC DISTRIBUTION	44.5x9.5
1	A22	Black On White		44.5x9.5
0	A23	Black On White		44.5x9.5
0	A24	Black On White		44.5x9.5
0	A25	Black On White		44.5x9.5
0	A26	White On Red		44.5x9.5
0	A27	White On Red		44.5x9.5
0	A28	Black On White		44.5x9.5
0	A29	Black On White		100x200

2x4  
1x4  
2x4

WIRE COLOR

DESCRIPTION	COLOR
ACIAL, INSULATION	BLACK
ACIAL NEUT	WHITE
DC+	RED
DC-	BLUE

REFERENCE DRAWING TITLE

DRAWING#	
REV	
DATE	
DESCRIPTION	
DWN	
CHKD	
APPR	

REV	DATE	DESCRIPTION	DWN	CHKD	APPR
A	22JUL2013	ISSUED FOR REVIEW	RR	CF	-
B	08OCT2013	ISSUED FOR APPROVAL	R.R	MC	MC
0	21OCT2013	ISSUED FOR CONSTRUCTION	R.R	MC	MC

PROFESSIONAL ENGINEER STAMP  
 M.A. GHALLY  
 # 39913  
 OCT 24 2013

PIONEER ENGINEERING INC.  
 THIRD PARTY LOGO  
 SCALE: AS SHOWN SIZE: 0  
 EPOCH PROJECT#: 13053

**PennWest**  
 Exploration  
 CORDOVA - MULTI WELL TIE-IN  
 PENN. WEST WELLSITE  
 d-055-A/094-P-10  
 Control Panel Layout  
 SHEET 3 OF 3







A3 52 IF16

LABEL  
SCHT5

End Bracket = WEW 35/2  
Part # 1061200000

Blown Fuse Indication with 2 feedthrough and ground connection Type KDKS1PE/SMT10-60VUC BFI H- Part# 9158330001
Blown Fuse Indication with 2 feedthrough and ground connection Type KDKS1PE/SMT10-60VUC BFI H- Part# 9158330001
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End Bracket = WEW 35/2  
Part # 1061200000

Blown Fuse Indication with 2 feedthrough and ground connection Type KDKS1PE/SMT10-60VUC BFI H- Part# 9158330001
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Blown Fuse Indication with 2 feedthrough and ground connection Type KDKS1PE/SMT10-60VUC BFI H- Part# 9158330001

Regular Feed Through Terminal Type WDU 2.5  
Part # 1020000000

Regular Feed Through Terminal Type WDU 2.5  
Part # 1020000000

End Bracket = WEW 35/2  
Part # 1061200000

A4 53 IF16

LABEL  
SCHT5

End Bracket = WEW 35/2  
Part # 1061200000

Blown Fuse Indication with 2 feedthrough and ground connection Type KDKS1PE/SMT10-60VUC BFI H- Part# 9158330001
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End Bracket = WEW 35/2  
Part # 1061200000

Blown Fuse Indication with 2 feedthrough and ground connection Type KDKS1PE/SMT10-60VUC BFI H- Part# 9158330001
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Blown Fuse Indication with 2 feedthrough and ground connection Type KDKS1PE/SMT10-60VUC BFI H- Part# 9158330001

Regular Feed Through Terminal Type WDU 2.5  
Part # 1020000000

Regular Feed Through Terminal Type WDU 2.5  
Part # 1020000000

End Bracket = WEW 35/2  
Part # 1061200000

DRAWING#	
REFERENCE DRAWING TITLE	

REV	DATE	DESCRIPTION	DWN	CHKD	APPR
A	22JUL2013	ISSUED FOR REVIEW	RR	CF	-
B	08OCT2013	ISSUED FOR APPROVAL	RR	MG	MG
0	21OCT2013	ISSUED FOR CONSTRUCTION	RR	MG	MG

PROFESSIONAL ENGINEER STAMP

M. A. GHAILY  
# 38913

OCT 24 2013

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PIONEER ENGINEERING INC.

THIRD PARTY LOGO  
SCALE AS SHOWN  
EPOCH PROJECT# 13053

PennWest Exploration

CORDOVA - MULTI WELL TIE-IN  
PENN WEST WELLSITE  
d-055-AV-094-P-10  
CONTROL PANEL TERMINAL LAYOUT

Sheet 4 of 10 REV 0

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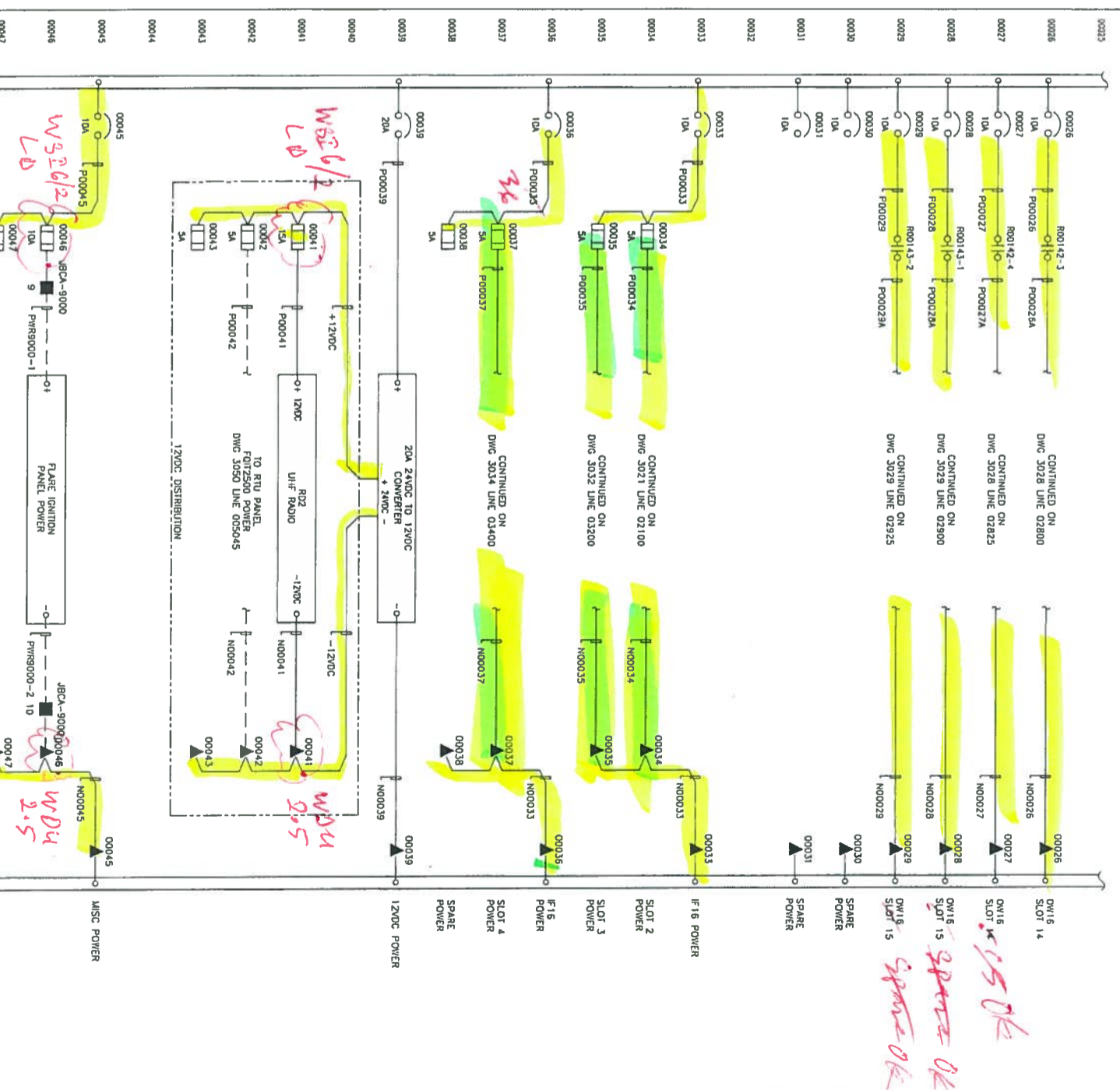
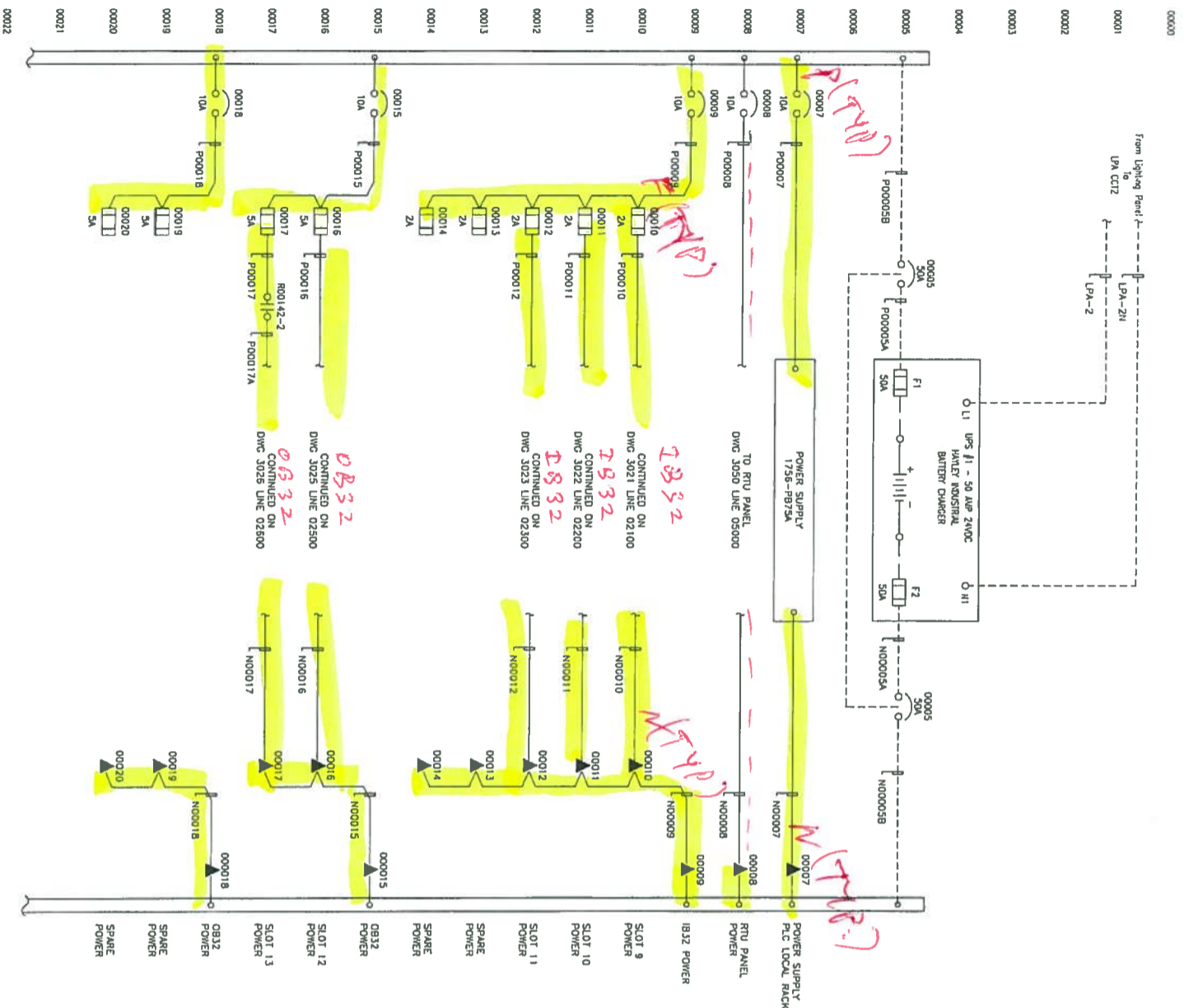










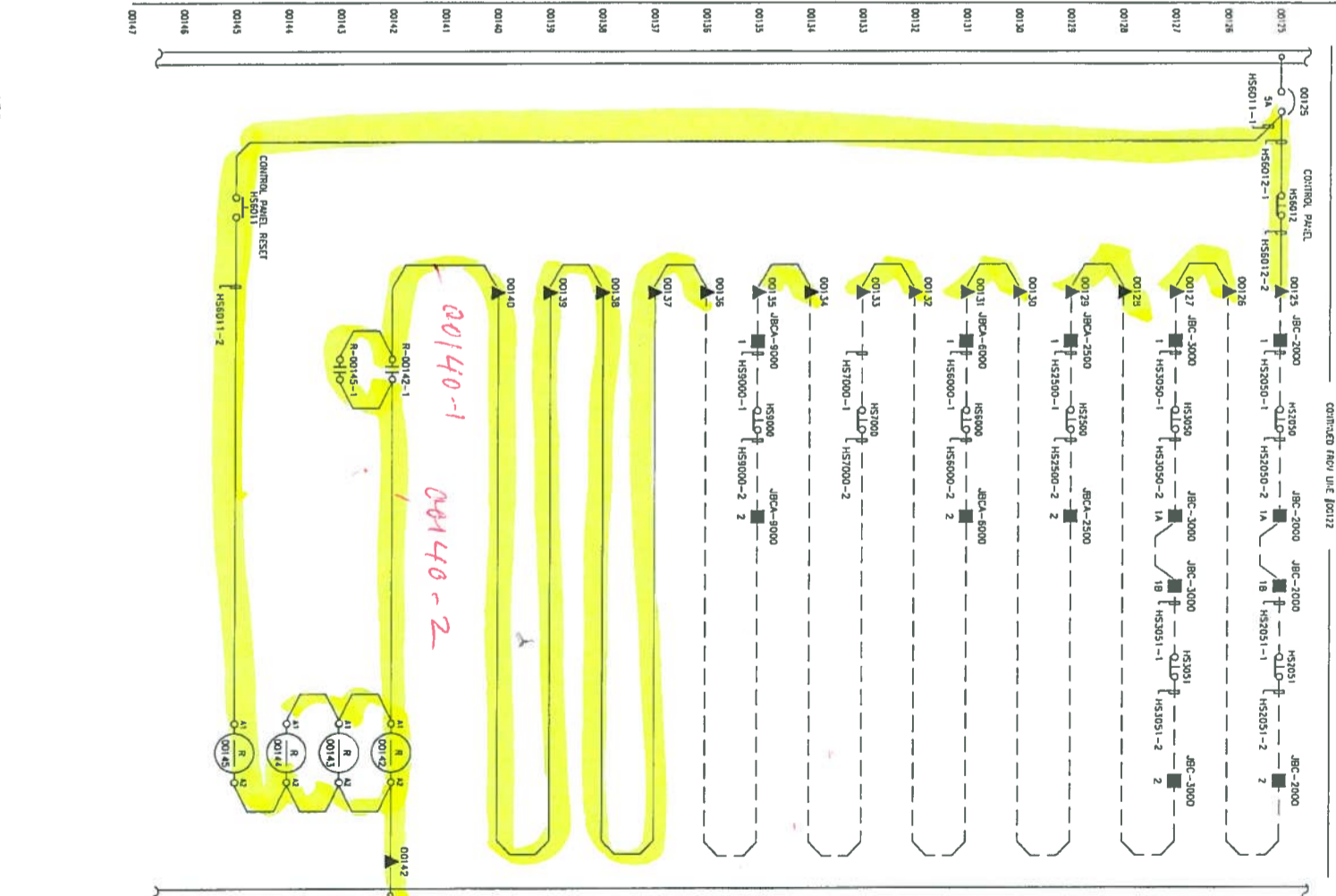
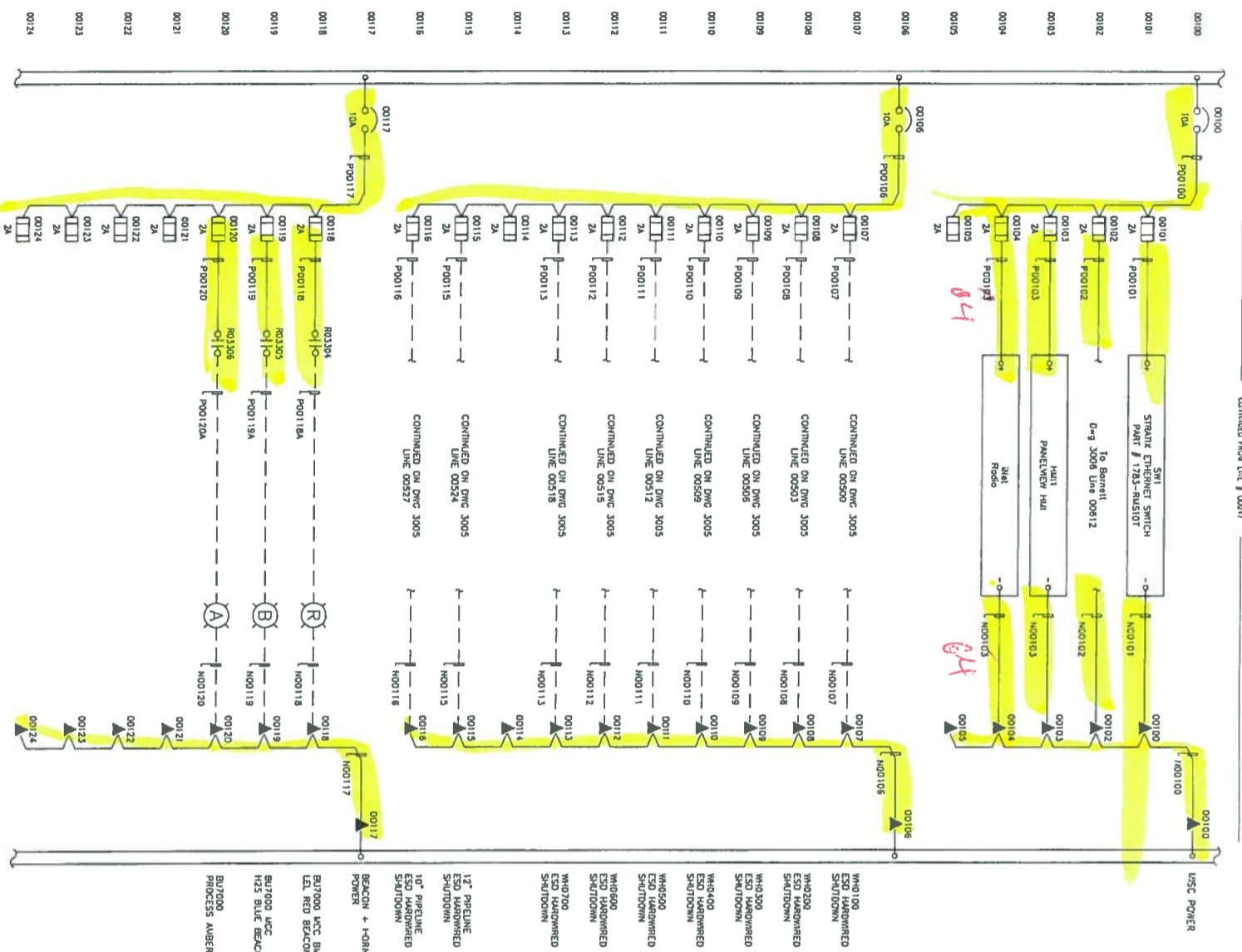


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		B	10OCT2013	ISSUED FOR APPROVAL	RR	MG	MG
		O	21OCT2013	ISSUED FOR CONSTRUCTION	RR	MG	MG

**PROFESSIONAL ENGINEER STAMP**  
**M. A. GHALY**  
 # 38913  
 OCT 24 2013

**PIONEER ENGINEERING INC.**  
 THIRD PARTY LOGO  
 SCALE: AS SHOWN SIZE: D  
 EPCO PROJECT: 13053

**PennWest Exploration**  
 CORDOVA - MULTI WELL THE-IN  
 PENN WEST WELLSITE  
 4-055-AV-094-P-10  
 24VDC DISTRIBUTION  
 DWG# 05554094P-10-ELC-3000  
 SH1 OF 2 REV 0



00100	10A	P00106	CONTINUED ON DMC 3005 LINE 00090	00107	W40100 ESD HARDWIRED SHUTDOWN	00125	CONTROL PANEL H5601	00125	JBC-2000	HS3000-1	JBC-2000	HS3001	JBC-2000	HS3001	JBC-2000	HS3001	ESD RELAY 00142.00028.00027
00101	2A	P00107	CONTINUED ON DMC 3005 LINE 00090	00108	W40100 ESD HARDWIRED SHUTDOWN	00126	JBC-2000	00126	JBC-2000	HS3000-1	JBC-2000	HS3001	JBC-2000	HS3001	JBC-2000	HS3001	ESD RELAY 00028.00029.00003
00102	2A	P00108	CONTINUED ON DMC 3005 LINE 00090	00109	W40100 ESD HARDWIRED SHUTDOWN	00127	JBC-2000	00127	JBC-2000	HS3000-1	JBC-2000	HS3001	JBC-2000	HS3001	JBC-2000	HS3001	ESD RELAY 00145.00004.00004
00103	2A	P00109	CONTINUED ON DMC 3005 LINE 00090	00110	W40100 ESD HARDWIRED SHUTDOWN	00128	JBC-2000	00128	JBC-2000	HS3000-1	JBC-2000	HS3001	JBC-2000	HS3001	JBC-2000	HS3001	ESD RELAY 00145.00004.00004
00104	2A	P00110	CONTINUED ON DMC 3005 LINE 00090	00111	W40100 ESD HARDWIRED SHUTDOWN	00129	JBCA-2500	00129	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00105	2A	P00111	CONTINUED ON DMC 3005 LINE 00090	00112	W40100 ESD HARDWIRED SHUTDOWN	00130	JBCA-2500	00130	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00106	2A	P00112	CONTINUED ON DMC 3005 LINE 00090	00113	W40100 ESD HARDWIRED SHUTDOWN	00131	JBCA-2500	00131	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00107	2A	P00113	CONTINUED ON DMC 3005 LINE 00090	00114	W40100 ESD HARDWIRED SHUTDOWN	00132	JBCA-2500	00132	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00108	2A	P00114	CONTINUED ON DMC 3005 LINE 00090	00115	W40100 ESD HARDWIRED SHUTDOWN	00133	JBCA-2500	00133	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00109	2A	P00115	CONTINUED ON DMC 3005 LINE 00090	00116	W40100 ESD HARDWIRED SHUTDOWN	00134	JBCA-2500	00134	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00110	2A	P00116	CONTINUED ON DMC 3005 LINE 00090	00117	W40100 ESD HARDWIRED SHUTDOWN	00135	JBCA-2500	00135	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00111	2A	P00117	CONTINUED ON DMC 3005 LINE 00090	00118	W40100 ESD HARDWIRED SHUTDOWN	00136	JBCA-2500	00136	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00112	2A	P00118	CONTINUED ON DMC 3005 LINE 00090	00119	W40100 ESD HARDWIRED SHUTDOWN	00137	JBCA-2500	00137	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00113	2A	P00119	CONTINUED ON DMC 3005 LINE 00090	00120	W40100 ESD HARDWIRED SHUTDOWN	00138	JBCA-2500	00138	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00114	2A	P00120	CONTINUED ON DMC 3005 LINE 00090	00121	W40100 ESD HARDWIRED SHUTDOWN	00139	JBCA-2500	00139	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00115	2A	P00121	CONTINUED ON DMC 3005 LINE 00090	00122	W40100 ESD HARDWIRED SHUTDOWN	00140	JBCA-2500	00140	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00116	2A	P00122	CONTINUED ON DMC 3005 LINE 00090	00123	W40100 ESD HARDWIRED SHUTDOWN	00141	JBCA-2500	00141	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00117	2A	P00123	CONTINUED ON DMC 3005 LINE 00090	00124	W40100 ESD HARDWIRED SHUTDOWN	00142	JBCA-2500	00142	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004
00118	2A	P00124	CONTINUED ON DMC 3005 LINE 00090	00125	W40100 ESD HARDWIRED SHUTDOWN	00143	JBCA-2500	00143	JBCA-2500	HS3000-1	JBCA-2500	HS3001	JBCA-2500	HS3001	JBCA-2500	HS3001	ESD RELAY 00145.00004.00004

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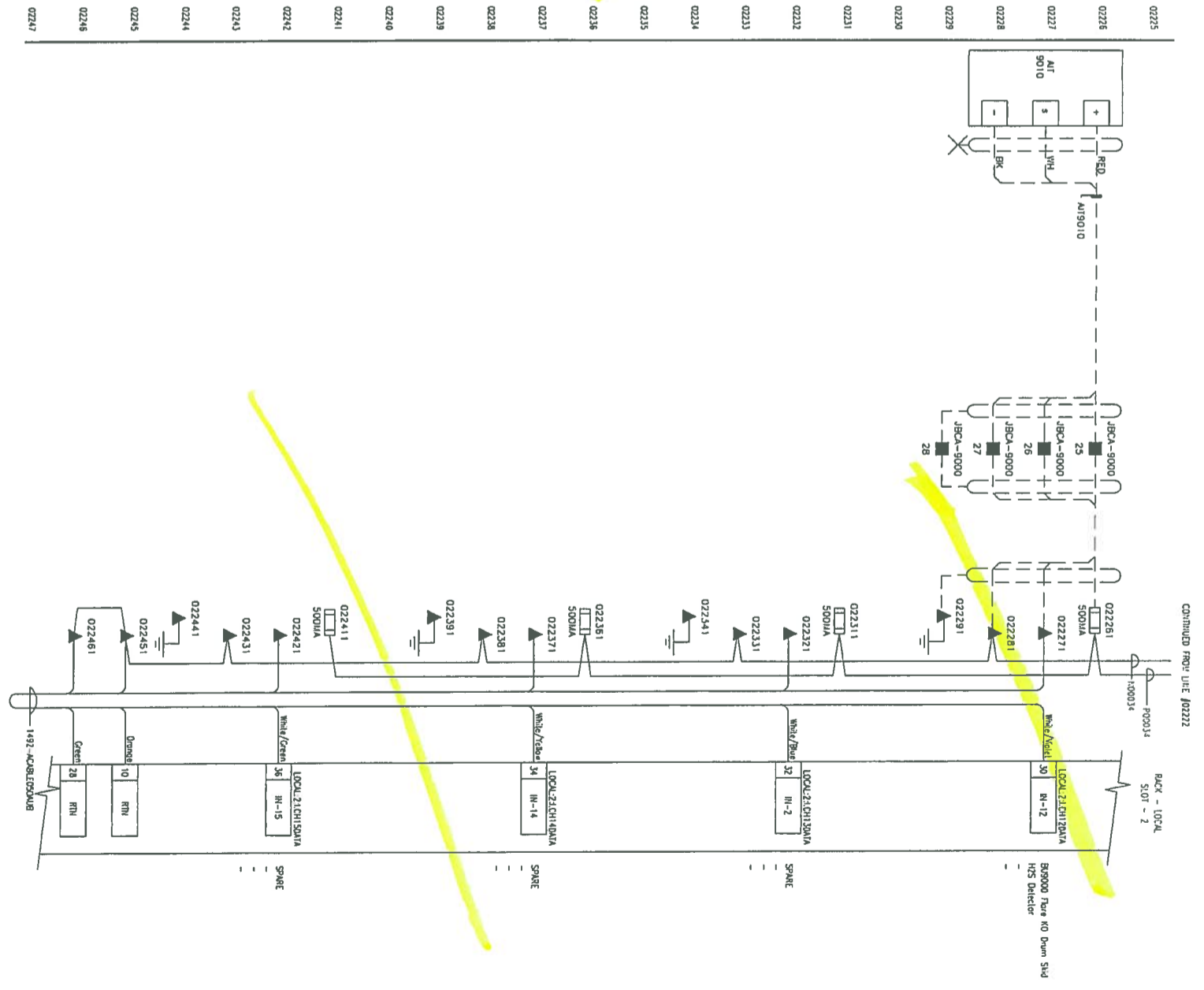
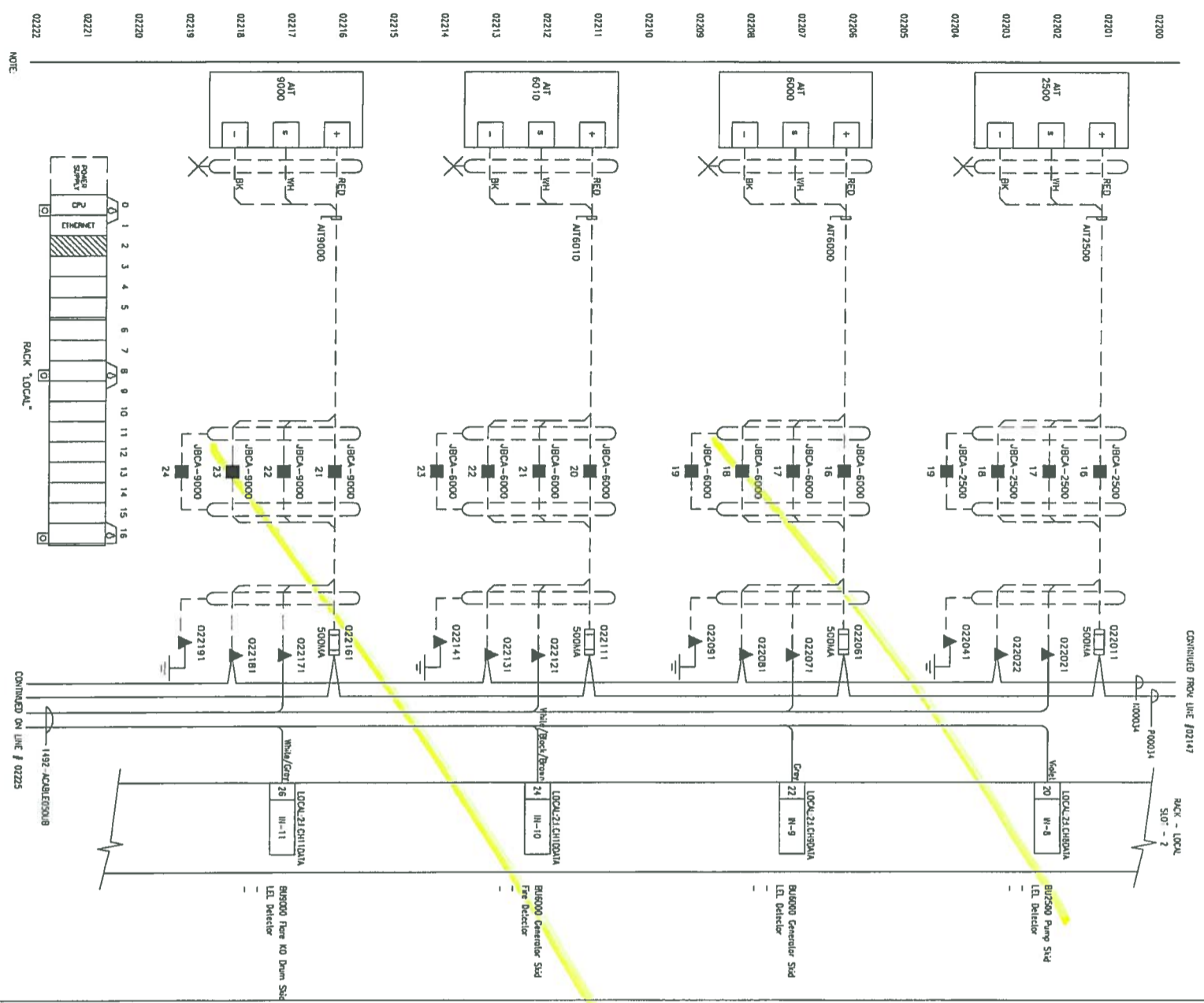
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PROFESSIONAL ENGINEER STAMP

M. A. GHALY  
# 38913

OCT 24 2013

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THIRD PARTY LOGO

SCALE: AS SHOWN SIZE: D

EPCK PROJECT #: 13053

**PIONEER**  
ENGINEERING INC.

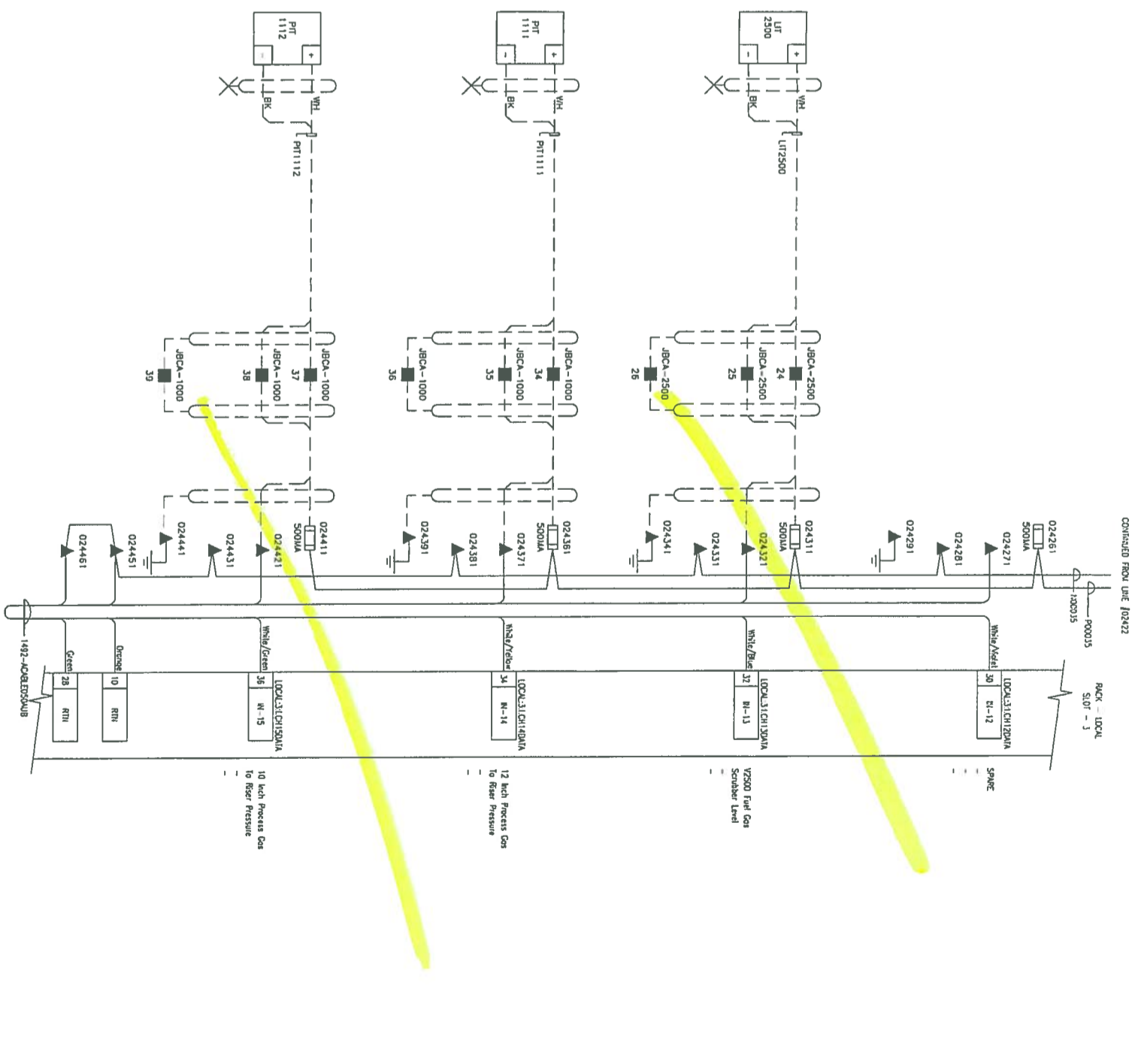
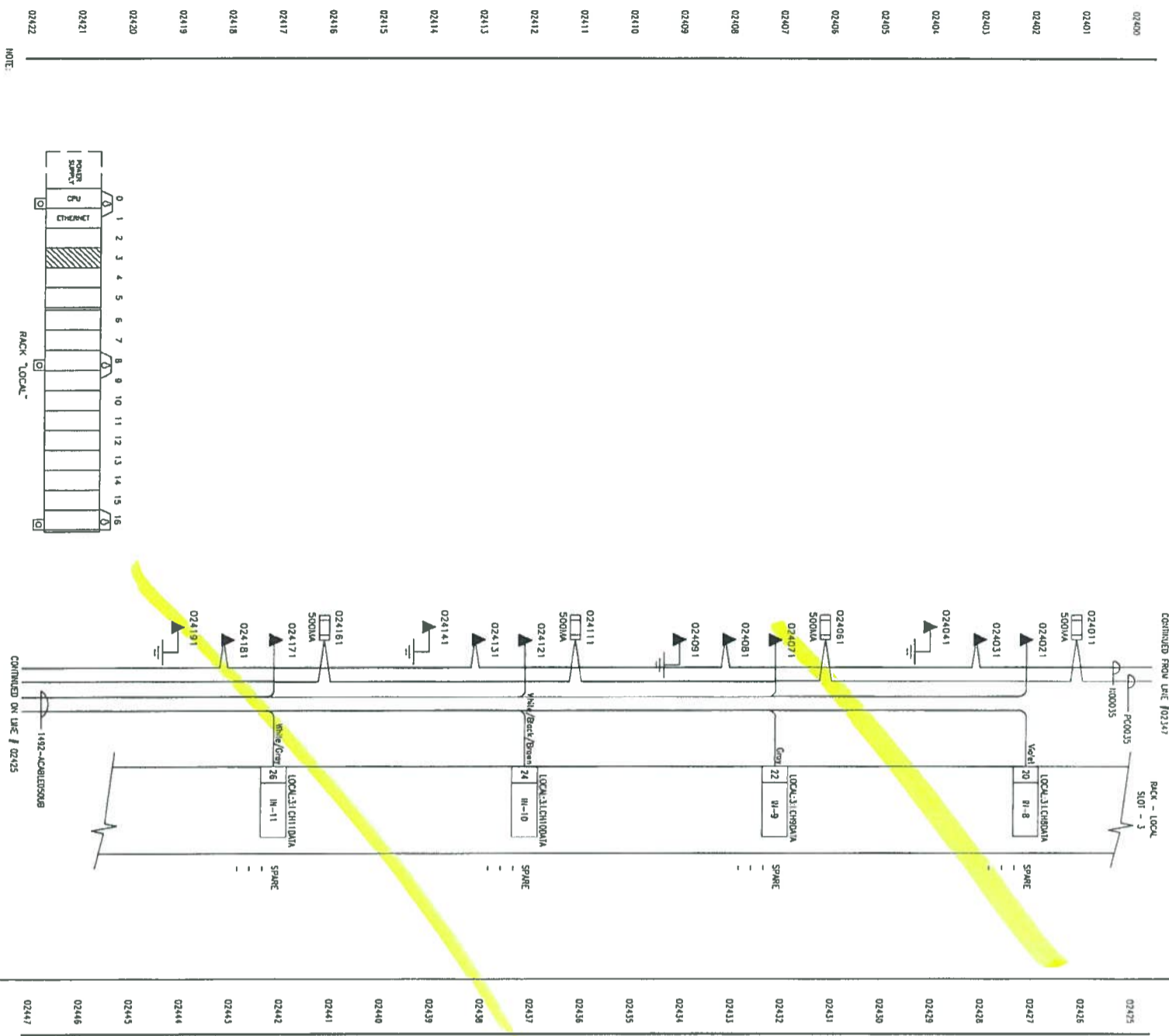
**PennWest**  
Exploration

CORDOVA - MULTI WELL TIE-IN  
PENN WEST WELLSITE  
D-055-A/094-P-10  
IO SCHEMATICS

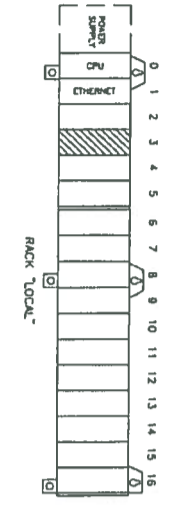
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SHT 3 OF 17 REV 0





NOTE:



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PROFESSIONAL ENGINEER  
 M. A. GHALLY  
 # 38913  
 OCT 24 2013  
 ENGINEER STAMP

THIRD PARTY LOGO  
 PIONEER ENGINEERING INC.  
 SCALE: AS SHOWN  
 EPOCH PROJECT#: 13053  
 SIZE: D

**PennWest**  
 Exploration  
 CORDOVA - MULTI WELL TIE-IN  
 PENN WEST WELLSITE  
 d-055-A/094-P-10  
 10 SCHEMATICS  
 DWG# d055a094p10-ELC-3024  
 SHT 5 OF 17 REV 0

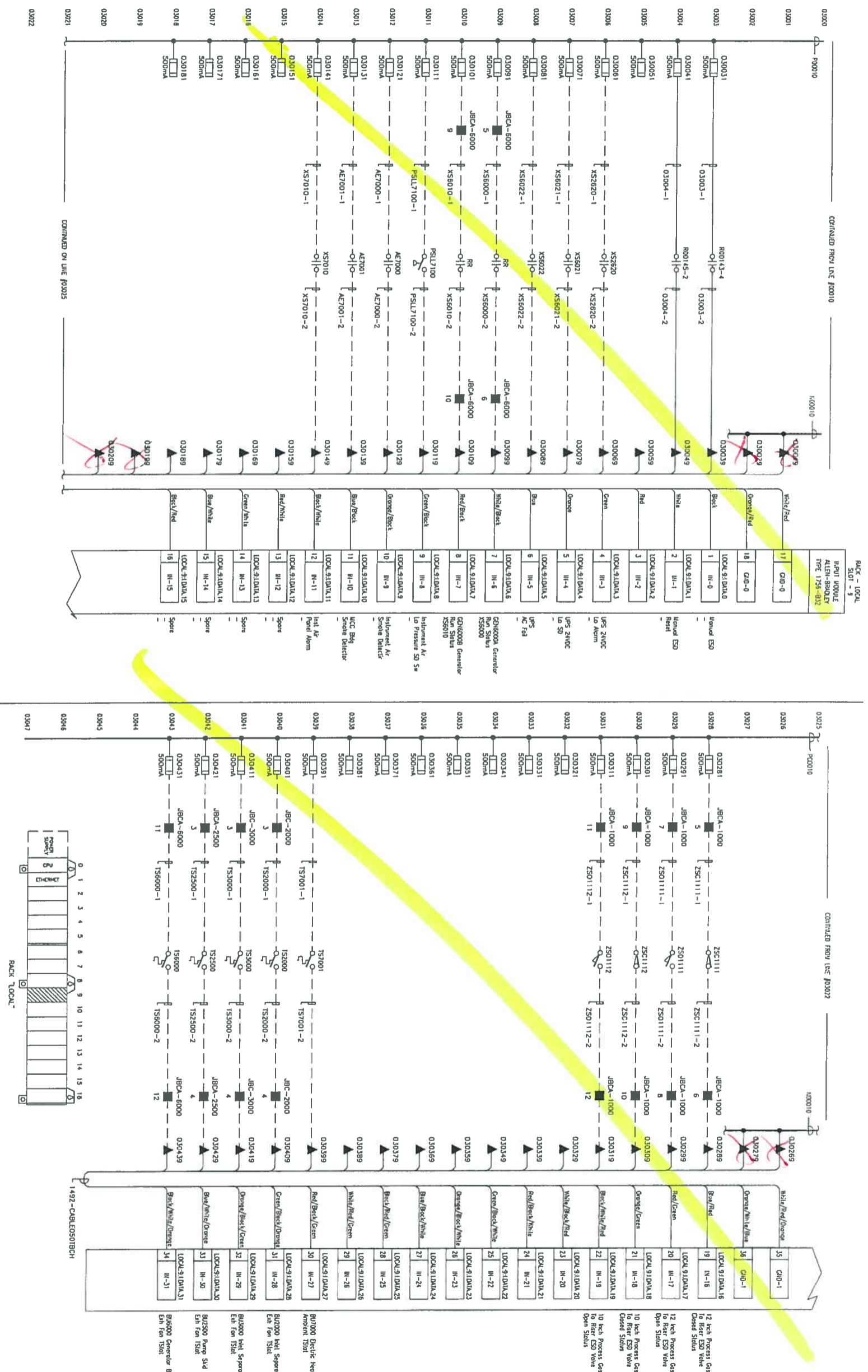












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REV	DATE	DESCRIPTION	DWN	CHKD	APPR
A	22JUL2013	ISSUED FOR REVIEW	RR	CF	-
B	08OCT2013	ISSUED FOR APPROVAL	RR	MG	-
C	21OCT2013	ISSUED FOR CONSTRUCTION	RR	MG	MG

**M. A. GHALY**  
 # 38913  
 OCT 24 2013  
 PROFESSIONAL ENGINEER STAMP

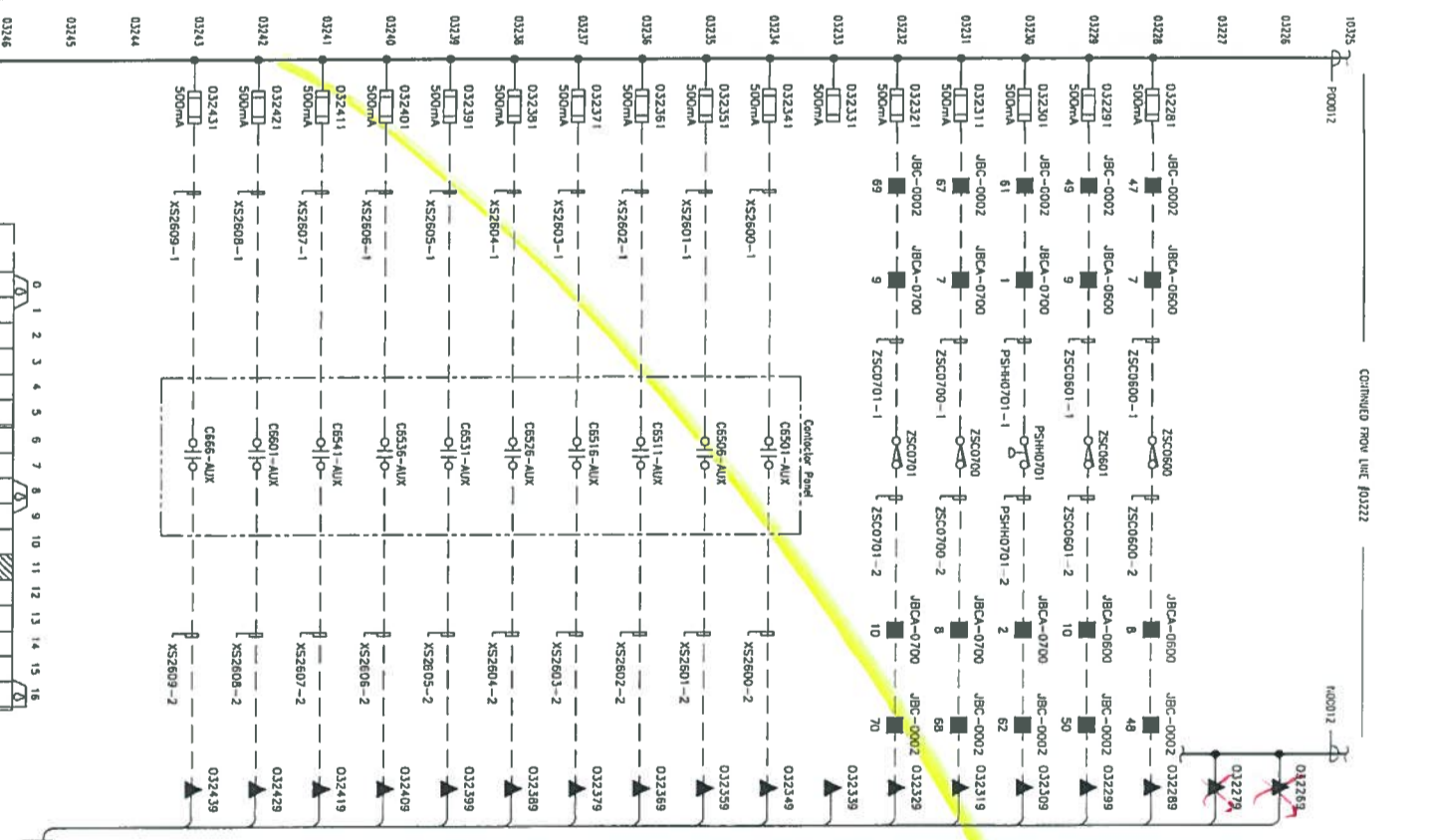
**PIONEER**  
 ENGINEERING INC.  
 THIRD PARTY LOGO  
 SCALE AS SHOWN SIZE: D  
 EFCM PROJECT#: 13053

**PennWest**  
 Exploration  
 CORDOVA - MULTI WELL TIE-IN  
 PENN WEST WELLSITE  
 d-055-A/094-P-10  
 IO SCHEMATICS  
 DWG# d055A094P10-EG-3030  
 SHT 11 OF 17 REV 0





NO	DESCRIPTION	UNIT	STATUS
03209	WHD000 d-455-A ESD Valve Closed Status	17	0-0-0
03208	WHD000 d-455-A ESD Valve Closed Status	18	0-0-0
03207	WHD000 d-455-A ESD Valve Closed Status	19	0-0-0
03206	WHD000 d-455-A ESD Valve Closed Status	20	0-0-0
03205	WHD000 d-455-A ESD Valve Closed Status	21	0-0-0
03204	WHD000 d-455-A ESD Valve Closed Status	22	0-0-0
03203	WHD000 d-455-A ESD Valve Closed Status	23	0-0-0
03202	WHD000 d-455-A ESD Valve Closed Status	24	0-0-0
03201	WHD000 d-455-A ESD Valve Closed Status	25	0-0-0
03200	WHD000 d-455-A ESD Valve Closed Status	26	0-0-0
03199	WHD000 d-455-A ESD Valve Closed Status	27	0-0-0
03198	WHD000 d-455-A ESD Valve Closed Status	28	0-0-0
03197	WHD000 d-455-A ESD Valve Closed Status	29	0-0-0
03196	WHD000 d-455-A ESD Valve Closed Status	30	0-0-0
03195	WHD000 d-455-A ESD Valve Closed Status	31	0-0-0
03194	WHD000 d-455-A ESD Valve Closed Status	32	0-0-0
03193	WHD000 d-455-A ESD Valve Closed Status	33	0-0-0
03192	WHD000 d-455-A ESD Valve Closed Status	34	0-0-0
03191	WHD000 d-455-A ESD Valve Closed Status	35	0-0-0



NO	DESCRIPTION	UNIT	STATUS
03228	WHD000 d-455-A ESD Valve Closed Status	15	0-0-1
03227	WHD000 d-455-A ESD Valve Closed Status	16	0-0-1
03226	WHD000 d-455-A ESD Valve Closed Status	17	0-0-1
03225	WHD000 d-455-A ESD Valve Closed Status	18	0-0-1
03224	WHD000 d-455-A ESD Valve Closed Status	19	0-0-1
03223	WHD000 d-455-A ESD Valve Closed Status	20	0-0-1
03222	WHD000 d-455-A ESD Valve Closed Status	21	0-0-1
03221	WHD000 d-455-A ESD Valve Closed Status	22	0-0-1
03220	WHD000 d-455-A ESD Valve Closed Status	23	0-0-1
03219	WHD000 d-455-A ESD Valve Closed Status	24	0-0-1
03218	WHD000 d-455-A ESD Valve Closed Status	25	0-0-1
03217	WHD000 d-455-A ESD Valve Closed Status	26	0-0-1
03216	WHD000 d-455-A ESD Valve Closed Status	27	0-0-1
03215	WHD000 d-455-A ESD Valve Closed Status	28	0-0-1
03214	WHD000 d-455-A ESD Valve Closed Status	29	0-0-1
03213	WHD000 d-455-A ESD Valve Closed Status	30	0-0-1
03212	WHD000 d-455-A ESD Valve Closed Status	31	0-0-1
03211	WHD000 d-455-A ESD Valve Closed Status	32	0-0-1
03210	WHD000 d-455-A ESD Valve Closed Status	33	0-0-1
03209	WHD000 d-455-A ESD Valve Closed Status	34	0-0-1
03208	WHD000 d-455-A ESD Valve Closed Status	35	0-0-1



DRAWING#	REFERENCE DRAWING TITLE	REV	DATE	DESCRIPTION	DWN	CHKD	APPR
		0	22JUL2013	ISSUED FOR REVIEW	RR	CF	-
		B	08OCT2013	ISSUED FOR APPROVAL	RR	MG	MG
		0	21OCT2013	ISSUED FOR CONSTRUCTION	RR	MG	MG

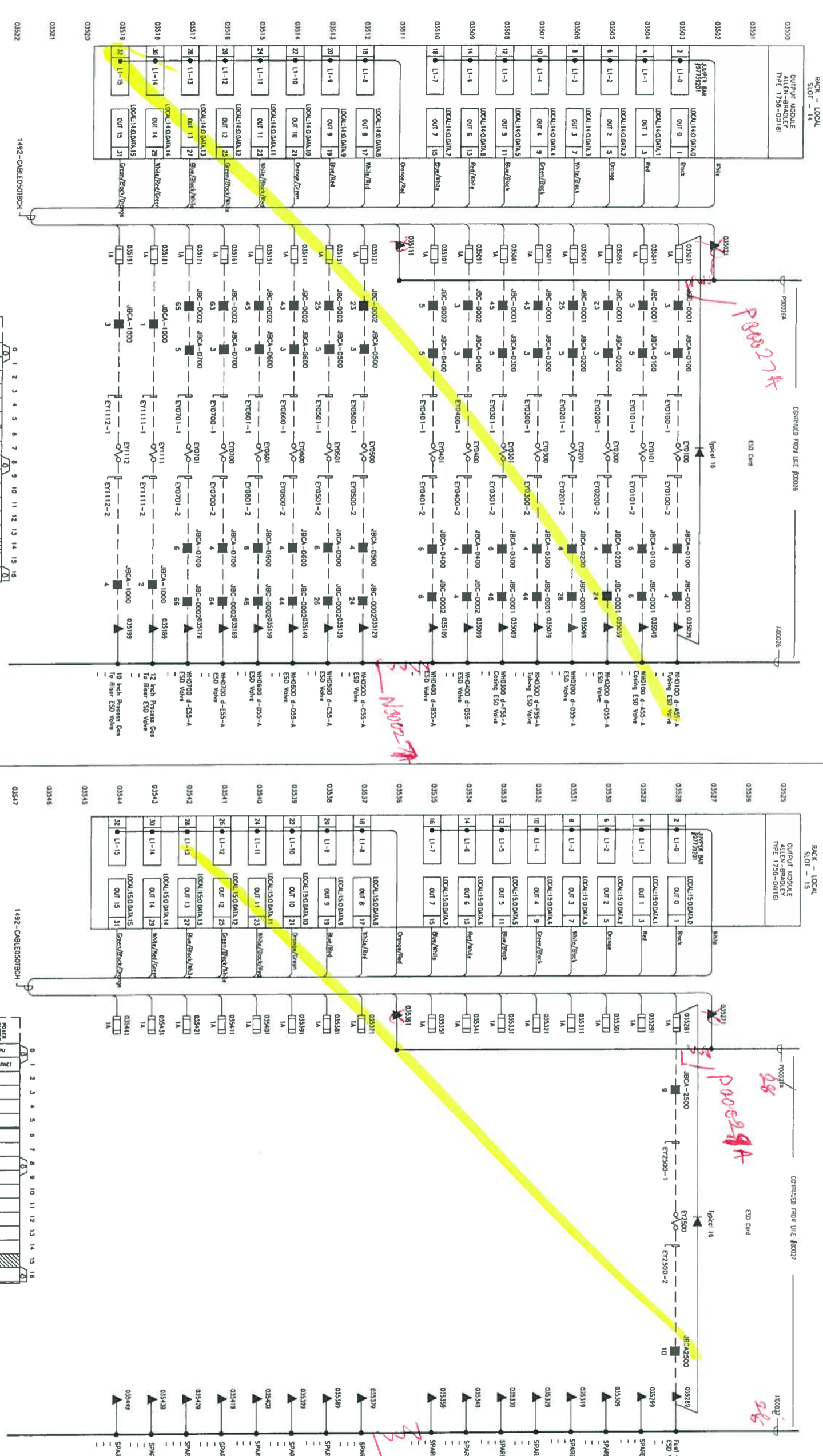
PROFESSIONAL ENGINEER  
 M. A. GHALY  
 # 38913  
 OCT 24 2013  
 ENGINEER STAMP

THIRD PARTY LOGO  
 SCALE AS SHOWN  
 SIZE: D  
 EPCM PROJECT# 13053

**PennWest**  
 Exploration  
 CORDOVA - MULTI WELL TIE-IN  
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 SHT 13 OF 17 REV B







DRAWING#	REFERENCE DRAWING TITLE

REV	DATE	DESCRIPTION	DWN	CHKD	APPR
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CORDOVA - MULTI WELL TIE-IN  
 PENN WEST WELL SITE  
 D-055-A/094-P-10  
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SHT 16 OF 17 REV 0

