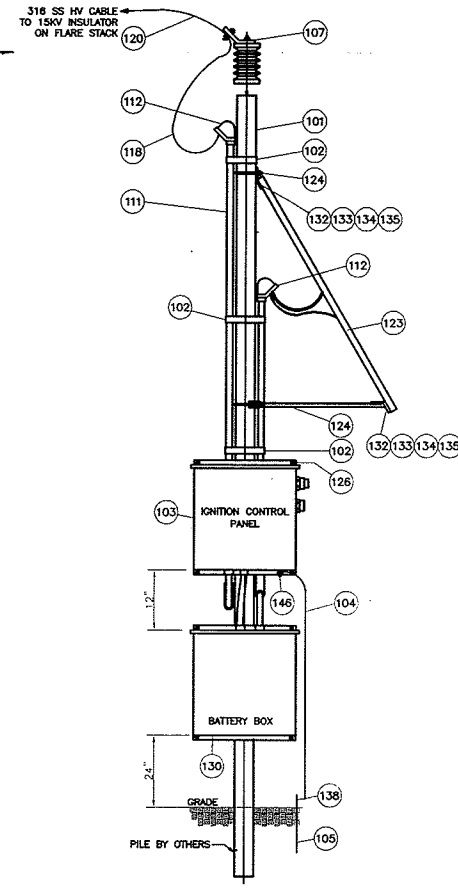


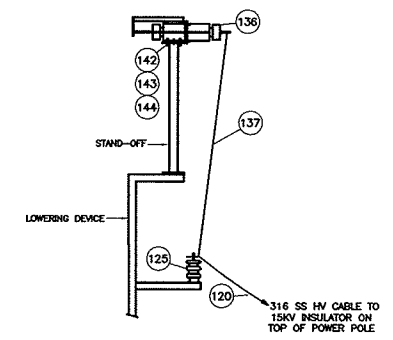


0	2010.03.29	REISSUED FOR REVIEW
A	2010.03.25	ISSUED FOR REVIEW
Rev. no.	Issue Date (YYYY.MM.DD)	Revision Description

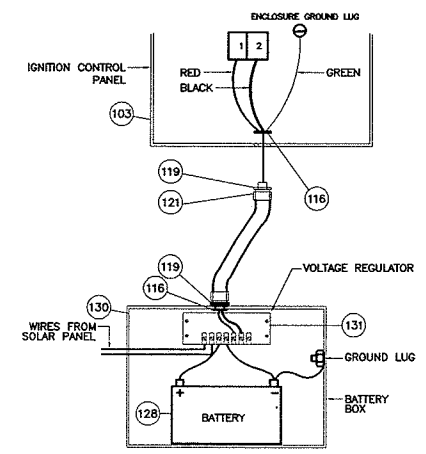
<b>P.P.F. Job Number:</b>	10-3606
<b>Document Title:</b>	Ignition System General Arrangement
<b>Document Number:</b>	D-10-3606-0001-001_rev0
<b>Devon Canada Corporation Project Name:</b>	North Coleman 15-14-09-04 W5M
<b>Devon Canada Corporation Purchase Order:</b>	FAC-100287



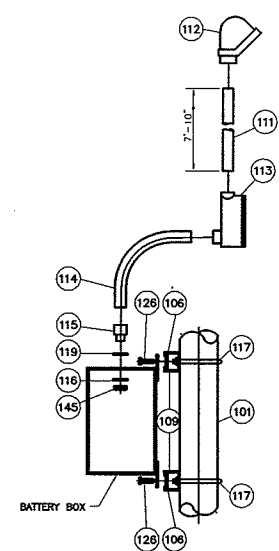
POWER POLE ELEVATION



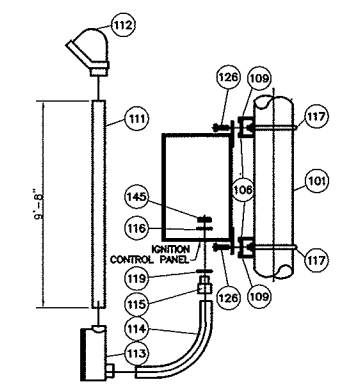
ELECTRODE ASSEMBLY



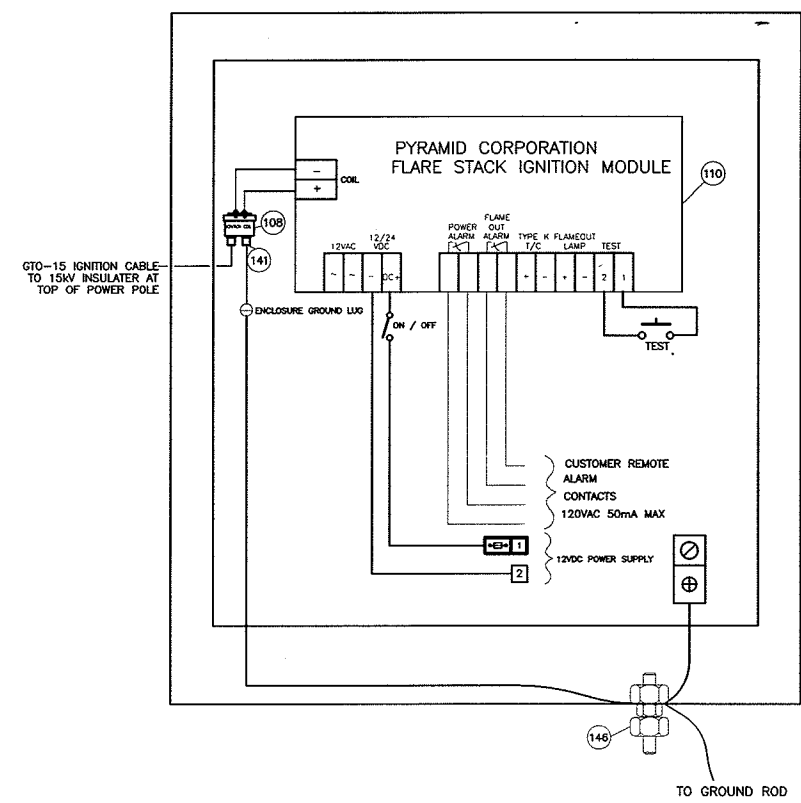
BATTERY BOX ASSEMBLY



PVC ASSEMBLY BETWEEN SOLAR PANEL AND BATTERY BOX



PVC ASSEMBLY AT IGNITION CONTROL PANEL



CONTROL PANEL SCHEMATIC

464001530 BILL OF MATERIALS			
ITEM	ITEM CODE	QTY	DESCRIPTION
101	464001530	1	3" OD x 12 FT LG STEEL MOUNTING POLE
102	46001094	3	HOSE CLAMPS HS-60E
103	464001525	1	IGNITION CONTROL PANEL
104	464001097	8 FT	#6 GREEN GROUND WIRE
105	464001095	1	GROUND ROD 5/8" x 10'-0"
106	196001102	8	NUT, SPRING 3/8"
107	464001015	1	INSULATOR, 15KV w/45' OFF SET & KC-20
108	464001510	1	IGNITION COIL, APEKS 9-2403
109	464001540	4	IGNITION PANEL CANTRUSS BRACKET
110	464001500	1	FLARE STACK IGNITION MODULE
111	464001088	20 FT	1/2" PVC CONDUIT (CUT TO SUIT)
112	464001085	2	1/2" PVC WEATHERHEAD
113	464001087	2	1/2" PVC LB CONDUIT
114	464001089	2	1/2" PVC 90° ELBOW
115	464001088	2	1/2" PVC MALE ADAPTOR
116	085201003	4	1/2" LOCKNUT
117	463850511	4	CLAMP, MUFFLER 3 HD-300
118	464001100	15 FT	WIRE, IGNITION GTO-15 W/END & BOOT
119	464001091	4	1/2" WEATHERPROOF WASHER
120	464001080	100 FT	HV CABLE 316 SS
121	152501005	1	CG50-50 CONNECTOR
122			
123	464001127	1	SOLAR PANEL
124	464001125	1	SOLAR PANEL TOP & BOTTOM MOUNTING BRACKETS C/W TWO 3" U-BOLTS
125	464001014	1	INSULATOR, 15KV w/ 90' OFFSET & KC-20
126	463222046	8	BOLT, PLATED 3/8 x 1 1/4" NC GR5
127	153251005	11 m	THERMOCOUPLE CABLE TYPE K 16-2
128	464001129	1	GEL CELL BATTERY 12VDC LCLIA 1233P
129	211001102	35 FT	3/4" RIGID CONDUIT, ALUMINUM
130	464001131	1	BATTERY BOX w/2 FT CAB TIRE
131			
132	463202002	6	VOLTAGE REGULATOR MODEL SS-10/SS-10L
133	463222003	6	NUT, HEX HEAD 1/4" GR5 PLATED
134	463222002	6	BOLT, PLATED 1/4" x 3/4" NC GR5
135	463342002	6	WASHER, FLAT 1/4" GR5 PLATED
136	463342002	6	WASHER, LOCK 1/4" PLATED
137	464001002	1	PYRAMID ELECTRODE TP316 SS
138	464001007	1	CABLE ELECTRODE 1/8" x 10 FT. SS
139	464001096	1	CLAMP, GROUND ROD #6 AWG.
140	464001176	1	CRATE, IGNITION SYSTEM 44" x 24" x 14"
141	218101004	1	CEMENT, PVC 125ml
142	464001099	1	WIRE, IGNITION END CONNECTOR ST26
143	463204004	4	NUT, HEX HEAD 3/8" 316SS
144	463224045	4	BOLT, 3/8" x 1" NC 316SS
145	463344004	4	WASHER, LOCK 3/8" 316SS
146	464001090	2	BUSHING, 1/2" PLASTIC
147	358001007	1	SERVIT POST KC-23
148			

- GENERAL NOTES**
- LOCATION OF POWER POLE SHALL CONFORM TO ALL APPLICABLE CODES SEE FLARE STACK DRAWING FOR SUGGESTED LOCATION.
  - CONDUIT, T/C CABLE, FITTINGS ETC. FROM POWER UNIT TO EAST JUNCTION BOX LOCATED AT THE BASE OF STACK BY OTHERS EXCEPT AS NOTED.
  - POWER UNIT SPECIFICATION: MODEL REV C, INPUT: 12VDC 3A, OUTPUT: 15,000V 0.025mA, APPROVAL: INTERTEK
  - IGNITION TIMING FACTORY SET- SPARK INTERVAL = 1 MINUTE, SPARK DURATION = 3 SECONDS

D-10-3606-0000-001 4" x 95'-0" LG. FLARESTACK		O RG RMC MK MM RG		ISSUED FOR CONSTRUCTION		MAR.29/10	
DRAWING NO. DESCRIPTION		REV. BY		ISSUED FOR APPROVAL		MAR.25/10	
REFERENCE DRAWINGS		BY		DESCRIPTION		DATE	
THIS DRAWING IS THE PROPERTY OF AND CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION BELONGING TO PYRAMID CORPORATION. IT MUST BE RETURNED IMMEDIATELY UPON REQUEST AND MUST NOT BE COPIED IN WHOLE OR IN PART NOR THE INFORMATION SHOWN THEREON DISCLOSED TO THIRD PARTIES OR OTHERWISE USED EXCEPT AS SPECIFICALLY PERMITTED BY PYRAMID CORPORATION.		REVISIONS		DESCRIPTION		DATE	
PYRAMID PROCESS FABRICATORS		HSE/ALBERTA/CANADA / www.pyramidfab.com		12VDC SOLAR IGNITION SYSTEM GENERAL ARRANGEMENT		3606-0001	
PYRAMID PROCESS FABRICATORS		NORTH COLEMAN FACILITIES		N.C. 15-14-09-04 WSM		D-10-3606-0001-001	