NEMA 4/7 ENCLOSURE (REMOTE MOUNT)
(CAST ALUMIMUM) CSA APPROVED & LABELED

VENDOR SCOPE

LP FLARE IGNITION
PANEL 001-LCP-09-0110

SW-1 POWER OFF ON
PL-1 POWER ON (A)
SW-2 IGNITOR OFF HAND AUTO
SW-3 PILOT #1 OFF ON
SW-4 PILOT #2 OFF ON
PB-1 IGNITOR #1 MANUAL
PL-2 PILOT #1 ON (G)
PL-4 PILOT #1 OFF (R)
PB-2 IGNITOR #2 MANUAL
PL-3 PILOT #2 ON (G)
PL-5 PILOT #2 OFF (R)

POWER IN 120VAC/60 HZ/1 PHASE

POWER IN 208VAC/60 HZ

POWER IN 575VAC/60 HZ/3 PHASE

001-JBE-09-0103
SW-20 POWER OFF ON
PL-20 POWER ON (A)

US 09-0110 SD
FLAME STATUS PILOTS COMMON ALARM

FIELD WIRING BY CUSTOMER

PDIT 09-0113 H

VENDOR SCOPE

VENDOR SCOPE

PI 01
TE 09-0110C
TE 09-0110A
EXCL 02
PI 02
TE 09-0110B
TE 09-0110C
EXCL 03

001-JBE-09-0104
IGNITION JUNCTION BOX POWER
(MOUNTED @ STACK BASE)

1/4"ø 321SS FLEXIBLE HOSE W/304SS BRAID

1/4"ø 321SS FLEXIBLE HOSE W/304SS BRAID

FQI 09-0110
FIT 09-0110

PG 09-0110
PCV 09-0110
(NOTE-3)
001-09-0110
1" x 1/4"

FIT 09-0110
1"-150# RF
TP-002
FUEL GAS

PG 09-0110A
PCV 09-0110A
001-09-0110A
1" x 1/4"

60FG-AL11-20018-38H

PILOT FUEL GAS ASSEMBLY LOCATED ±3 METERS FROM BASE OF FLARE STACK

3.75m 6"DIA. FLARE TIP WITH DYNAMIC PURGE SEAL

6" AIR ASSIST TIP

8"-150# RF
TP-001

001-FA- 6717mm 09-0113 (SEE NOTE-2)

PDIT 09-0113

16"
8"
24"
0

COB-LP FLARE 12.2 METERS (40 ft) OVERALL HEIGHT FREESTANDING FLARE STACK

VENDOR SCOPE

ME 09-0111
VFD
MYY 09-0111 SD
MYI 09-0111

OFF ON
BLOWER MOTOR OFF - ON AUTO SWITCH
MHS 09-0111

001-KM-09-0111

001-K-09-0111
LP FLARE STACK AIR BLOWER
CENTRIFUGAL BLOWER
SPARKPROOF CONSTRUCTION
C/W INLET SCREEN

001-KM-09-0111
LP FLARE STACK AIR
BLOWER MOTOR VFD COMPATIBLE
TEFC CLASS 1 DIV 2 GROUPS B,C & D
10 HP /575 VOLT/3 PHASE/60 HZ

001-FS-09-0110
LP FLARE STACK

TP-001	8"-150#	FLARE STACK INLET
TP-002	1"-150#	PILOT 1 FUEL INLET

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PROFESSIONAL ENGINEER THOMAS A. TURNBERRY
FEB 19 2014

NOTES:

1) ALL INSTRUMENTS TAGS SHALL BE READ AS FULL TAG NUMBERS EG:001-PCV-01-0110
2) FLAME ARRESTOR 001-FA-09-0113 DIFFERENTIAL INDICATOR 001-PDIT-09-0113
3) THERMAL MASS FLOW METER

LEGENDS
—— BY OTHERS
— — CABLE

REVISION BLOCK			
REV	DATE	DESCRIPTION	BY
0	25-JUN-13	APPROVAL	SS
1	21-AUG-13	FABRICATION	SS
2	11-SEP-13	FABRICATION	SS
3	24-OCT-13	FABRICATION	SS
4	15-NOV-13	AS-BUILT	CCW

MACTRONIC
A DIVISION OF FLARE INDUSTRIES

CLIENT:	DEVON		
LOCATION	11-02-39-08 W5	P.O.:	4100001351
PROJECT	FERRIER	TAG.	001-FS-09-0110
TITLE:	PIPING, INSTRUMENTATION DIAGRAM FOR COB-LP FLARE		
DRAWN BY:	SS	CHECKED BY:	DATE: 08-JULY-13
APP. BY:		PROJECT BY:	SCALE: N.T.S
JOB ORDER:	13-0138	DRAWING NUMBER:	13-0138-COB-LP-PID REV. 4