



NOTE:
GENERATOR FEEDS TRANSFER SWITCH VIA THE NORTH/SOUTH 12" TRAY AND IS A 4 CONDUCTOR #2 TECH CABLE.
THE SHUTDOWN RECEPTACLE IS A RANGE RECEPTACLE 120/240 VOLT 40 AMP USED TO FEED A CONVEYOR IN
PROCESS AREA.
THE STANDBY POWER IS A 4 CONDUCTOR 30 AMP TWISTLOCK TO TIE IN TO A PORTABLE GENERATOR.
GENERAL BUILDING LIGHTS ARE CROUSE HINDS VXB22GSP429 INSIDE.

LEGEND:

- 600mm WIDE DUCT BANK
- U/G PROCESS PIPING
- U/G CONDUIT
- DRAWING AREA LIMITS (BOUNDARY)
- U/G CATHODIC PROTECTION
- GROUNDING

NOTES:

1. LOCATION OF EXISTING BURIED PIPING AND ELECTRICAL LINES SHALL BE CONFIRMED ON SITE. ALL EXCAVATION IN THIS AREA SHALL BE DONE BY HAND DIGGING.
2. EXISTING LIGHTING DISTRIBUTION AND CATHODIC PROTECTION IN THE GENERATOR BUILDING AND GARAGE TO BE RETAINED. RETERMINATE FEEDERS AT THE NEW PANEL.
3. USE EDWARD'S CAT. NO'S. 97CR-G1 & 97CB-G1 24VDC STROBE LIGHTS.
4. GROUND ALL ELECTRICAL EQUIPMENT ENCLOSURES TO CORNER GROUND PLATES.

OPTIMA ENGINEERS & CONSTRUCTORS INC.

SCURRY-RAINBOW OIL LIMITED
CALGARY ALBERTA

NORTH COLEMAN DEHYDRATOR FACILITIES
04-13-009-04W5M
GENERATOR AREA
ELECTRICAL LAYOUT

SCALE 1:50 DWG. No. D-91017-5004.DWG REV 2

CONTR. DWG. No. D-92167-EE-05 D-C413DH-C0945-51CO.DWG

REV	DESCRIPTION	DATE	DRWN BY	CHKD BY	CIVIL APP	MECH APP	ELEC APP	I&C APP	PROJ ENG	Q.A.	OWNER CHKD	OWNER APP
2	AS-BUILT	92.11.16	W.C.	K.H.H.		Pam						
1	REVISED AS SHOWN	92.08.25	CNAC	RBH			RBH					
0	ISSUED FOR CONSTRUCTION	92.07.27	CLMG	RBH	MS	PJM	RBH	AC				
A	ISSUED FOR APPROVAL	92.07.14	EMCM									

PERMIT TO PRACTICE
OPTIMA ENGINEERS & CONSTRUCTORS INC.
Signature: [Signature]
Date: 92-12-22
PERMIT NUMBER: P 4743
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

DWG/EE/05

D-0413DH-00945-5100.DWG