



K-610 COMP. BUILDING
9144 x 7010
EAVE HEIGHT - ????
ENERGY UNIT # 1021

BILL OF MATERIALS
(AS REQUIRED)
FIXTURES

- A. CROUSE HINDS #EVLPA143151 120V, 150W HIGH PRESSURE SODIUM, PENDANT MOUNT, FIXTURE c/w GLOBE, GUARD AND LAMP, CLASS I, ZONE 1 & 2, FOR EXPLOSION PROOF.
- B. CROUSE HINDS #VXHBF25GP 120V, 150W INCANDESCENT, WALL MOUNT FIXTURE c/w GLOBE, GUARD, JUNCTION BOX AND LAMP, CLASS I, DIV 2, FOR WET LOCATIONS.

MATERIALS

1. CROUSE HINDS #DSD933 ON/OFF SWITCH, 277VAC, 20AMPS MAX. SINGLE POLE, CLASS I, DIV 1, EXPLOSION PROOF.
2. CROUSE HINDS #CPS152R DELAYED ACTION RECEPTACLE, 115-250VAC, 20AMPS, 1HP MAX. CLASS I, DIV 1, EXPLOSION PROOF.
3. CATADYNE HEATER 120VAC START STATION COMPRISED OF:
1 - EFSC272 FEED THRU BOX,
1 - DSD933 ON/OFF SWITCH AND
1 - DSD946J1 RED 120VAC PILOT LIGHT, EXPLOSION PROOF.
4. CROUSE HINDS CEAG #6H432KLM00SGT551211/2511 ESD PUSHBUTTON c/w RED SHROUD AND MIN. 4" x 6" ESD WARNING LAMICOID CLASS I, ZONE 1, EXPLOSION PROOF.
5. NEMA 4 STEEL ENCLOSURE SIZED AS REQUIRED c/w BACK PAN, TERMINAL BLOCKS AND MOUNTING HARDWARE.
6. 10' x 3/4" GROUNDROD AND GROUNDWELL c/w INSPECTION COVER.
7. HOFFMAN #A-NMV6 JUNCTION BOX DRAIN SEAL.
8. GENERAL MONITORS MOD. #10001-1 COMBUSTIBLE GAS DETECTION SENSORS c/w CLASS I, DIV 1 HOUSINGS.
9. DETRONICS MOD. #C7050B c/w SWIVAL AND U.V. DETECTOR.

NOTES:

1. "POST CONSTRUCTION" DRAWINGS ARE GENERATED FROM CONSTRUCTION CHANGE INFORMATION FORWARDED TO BOWER DAMBERGER ROLSETH ENGINEERING LTD. BY THE OWNER'S FIELD SUPERVISORS AND OR HIRED CONTRACTORS. ANY CHANGES NOT DOCUMENTED WILL NOT APPEAR ON THE DRAWINGS AND THEREFORE THE DRAWING MAY NOT BE AN ACCURATE REPRESENTATION OF THE CONSTRUCTED FACILITY.
2. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION AND OR EXCAVATION IT SHALL BE THE RESPONSIBILITY OF THE OWNER'S REPRESENTATIVE TO VERIFY THE LOCATION AND STATUS OF ANY PIPING, ELECTRICAL, EQUIPMENT OR BUILDINGS.
3. ANY REVISIONS MADE TO EXISTING EQUIPMENT, PIPING, OR ELECTRICAL ON A FACILITY NOT DESIGNED BY B.D.R. ENG. LTD. IS ONLY SHOWN AS A REPRESENTATION OF WHAT EXISTS AND MUST BE VERIFIED BY THE OWNER.
4. ALL WIRING TO THE SKID DEVICES SHALL BE TAKEN FROM THE RIGHTHAND SIDE OF THE TERMINALS, DIRECT WITHOUT SPLICES OF ANY KIND.
5. WIRING FOR ALL DEVICES SHALL BE TAGGED AS PER J.BOX LAYOUTS.
6. FIELD CONTRACTOR TO ENSURE ALL INCOMING/EXITING TECK CABLES ARE c/w GROUNDING BUSHINGS.
7. ALL J.BOXES ARE TO HAVE LAMICOID NAME PLATES AS PER DRAWINGS.
8. FIELD CONTRACTOR WILL BE RESPONSIBLE FOR GROUNDING AS WELL AS THE PACKING AND POURING OF ALL SEALS. THIS APPLIES WHETHER OR NOT THE SKID ARRIVES PRE-WIRED.
9. CONDUIT METHOD WILL BE RA c/w ALL FITTINGS.
10. ALL CABLES TO ENTER/EXIT THE BOTTOM OF THE J.BOXES. ALL CONDUIT TO ENTER/EXIT THE TOP OF THE J.BOXES VIA MYERS HUB.
11. THE INTERIOR OF THIS SKID IS CLASSIFIED CLASS-1 ZONE-1.
12. THE EXTERIOR OF THIS SKID IS CLASSIFIED CLASS-1 ZONE-2 FOR THE FIRST 3 METERS. INSTALLATION TO BE DONE ACCORDING TO GENERAL SPEC. INCLUDED WITH BID PACKAGE.
13. ALL CABLE TRAY IS TO BE SUPPLIED BY SKID ELECTRICAL CONTRACTOR INCLUDING RISERS TO MAIN CABLE TRAY RUN AND JUNCTION BOXES. THE LENGTH BELOW GRADE IS TO BE DETERMINED BY THE OWNERS REPRESENTATIVE AND IS TO BE PACKAGED INSIDE THE SKID FOR SHIPPING.
14. ALL VERTICAL CABLE TRAY RISERS ARE TO BE COMPLETE WITH PROPER SUPPORTS AND ALUMINUM TRAY COVER.
15. WINDOWS AND DOORS ARE NOT TO BE USED FOR VENTILATION.
16. FIELD ELECTRICAL CONTRACTOR IS TO INSTALL FIRE AND GAS DETECTION HEADS FROM THIS SITES EXISTING SKIDS WHICH ARE BEING TAKE OUT UNDER THIS PROJECT.

1	POST CONSTRUCTION REVISIONS	23154	PC	03.02.25	MSB	03.02.25
0	COMPRESSORS ADD.	23154	PC	03.01.07		
NO.	REVISION	PROJ. No.	BY	DATE	CHK.	DATE

PERMIT STAMP:

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	BY	DATE
DRN.	PC	03.01.07
CHK.	MSB	03.01.07
APP'D.		
L.S.D.	14-10-62-04	W4M



Bower Damberger Rolseth
Engineering Ltd.

HUSKY OIL OPERATIONS LIMITED

FORT KENT COMPRESSOR STATION
K-610 COMP. BLDG. ELECTRICAL LAYOUT

SCALE	DRAWING NUMBER	REV
1 : 30	D-7225-E-11-01	1