



NOTES

- BUILDING IS CLASSIFIED AS CLASS 1, ZONE 2. ALL ELECTRICAL AND INSTRUMENTATION EQUIPMENT AND INSTALLATION SHOULD BE SUITABLE FOR CLASS 1, ZONE 2 AS A MINIMUM.
- FOR END DEVICES INSIDE THE BUILDING USE UNARMORED CABLE AND RIGID ALUMINIUM CONDUIT.
- FOR END DEVICES OUTSIDE THE BUILDING USE ARMORED CABLE.
- CONDUITS AND FITTINGS ARE TO BE RIGID ALUMINIUM & SIZE TO BE MINIMUM 21MM. BUILDING VENDOR TO SIZE PROPER CONDUIT FOR EACH CABLE.
- DEVICE LAMACOIDS AND METAL TAG NUMBERS ARE TO BE SUPPLIED AND INSTALLED BY SKID ELECTRICAL CONTRACTOR.
- #2/0 AWG TWU STANDARD COPPER GREEN INSULATED GROUND WIRE SHALL BE CONNECTED TO BUILDING PILES IN OPPOSITE CORNERS AND TO GROUND GRID AND TO BE RUN UNDER THE SKID TO ELIMINATE TRENCHING.
- PACKAGE VENDER TO INSTALL JUNCTION BOXES 1150MM FROM UNDERSIDE OF SKID TO CENTERLINE OF JUNCTION BOX.
- 300MM CABLE TRAY TO BE CLASS E, 150MM SIDE RAIL WITH 300MM RUNG SPACING AND CABLE BARRIER.
- ALL JUNCTION BOXES TO BE BOTTOM ENTRY.
- EXHAUST FAN THERMOSTAT TO BE INSTALLED AT 1600MM ABOVE FLOOR.
- ALL SWITCHES AND RECEPTACLE ARE TO BE INSTALLED 1200MM ABOVE PLATFORM FLOOR.
- LOCATIONS OF THE LIGHTS TO BE DETERMINED BY THE PACKAGE VENDER.
- LEL DETECTOR TO BE INSTALLED 457MM BELOW THE HIGHEST LEVEL IN THE BUILDING. LOCATION TO BE OUT OF VENTILATION PATHS.
- THE EXACT LOCATION OF BUILDING EXHAUST FANS, LEL SENSORS, FIRE DETACTORS, LIGHTS AND CATA-DYNE HEATERS TO BE DETERMINED BY THE PACKAGE VENDOR.
- BUILDING FAN STARTS AT 20% OF LEL READING AND STOPS AT 10% LEVEL. EXHAUST FANS ARE ALSO CONTROLLED BY THERMOSTAT.
- BUILDING EMERGENCY EXIT LIGHT/SIGN SHOULD COME WITH 2 HOURS BATTERY PACK.
- ITEMS MENTIONED IN NOTES #3, #6 AND #8 ARE IN THE SCOPE OF WORK OF FIELD ELECTRICAL CONTRACTOR.

ENGINEERING COMPANY PERMIT STAMP		REGISTERED PROFESSIONAL ENGINEER STAMP	

WHEN SIGNED & DATED, THE ENGINEERING SEAL & PERMIT AFFIXED ABOVE WILL APPLY TO THE CLOUDED AREAS FOR THE CURRENT REVISION ONLY.

6		
5		
4		
3		
2		
1		

REF	DRAWING NUMBER	DRAWING TITLE
REFERENCE DRAWINGS		
2	2015/08/26	AS BUILT FOR EWR 19227 EXCELSIOR 4178HUS
1	2014/12/01	IFC FOR EWR 19227 EXCELSIOR 4178HUS
REV	DATE	DESCRIPTION
BY	CHK	ENG
APR		

REVISION HISTORY			
Husky Oil Operations Limited			
ANSELL 02-20-050-18W5 COMPRESSOR STN			
TITLE DEHYDRATOR/CYCLONE FILTER/FG JT PACKAGE (X-320) & B-TEX CONDENSATE TANK T-911 ELECTRICAL & INSTRUMENTATION LAYOUT			
SURFACE LOCATION		02-20-050-18W5	
ALTERNATE DWG NUMBER		LY-10-E-0020-1	
HUSKY DWG NUMBER		02-20-050-18W5-EL-0087-01	
VENDOR DWG NUMBER			
AMU/FLOC NUMBER		FH-AN-001-00007	
PROJECT NO		EWR 19227	