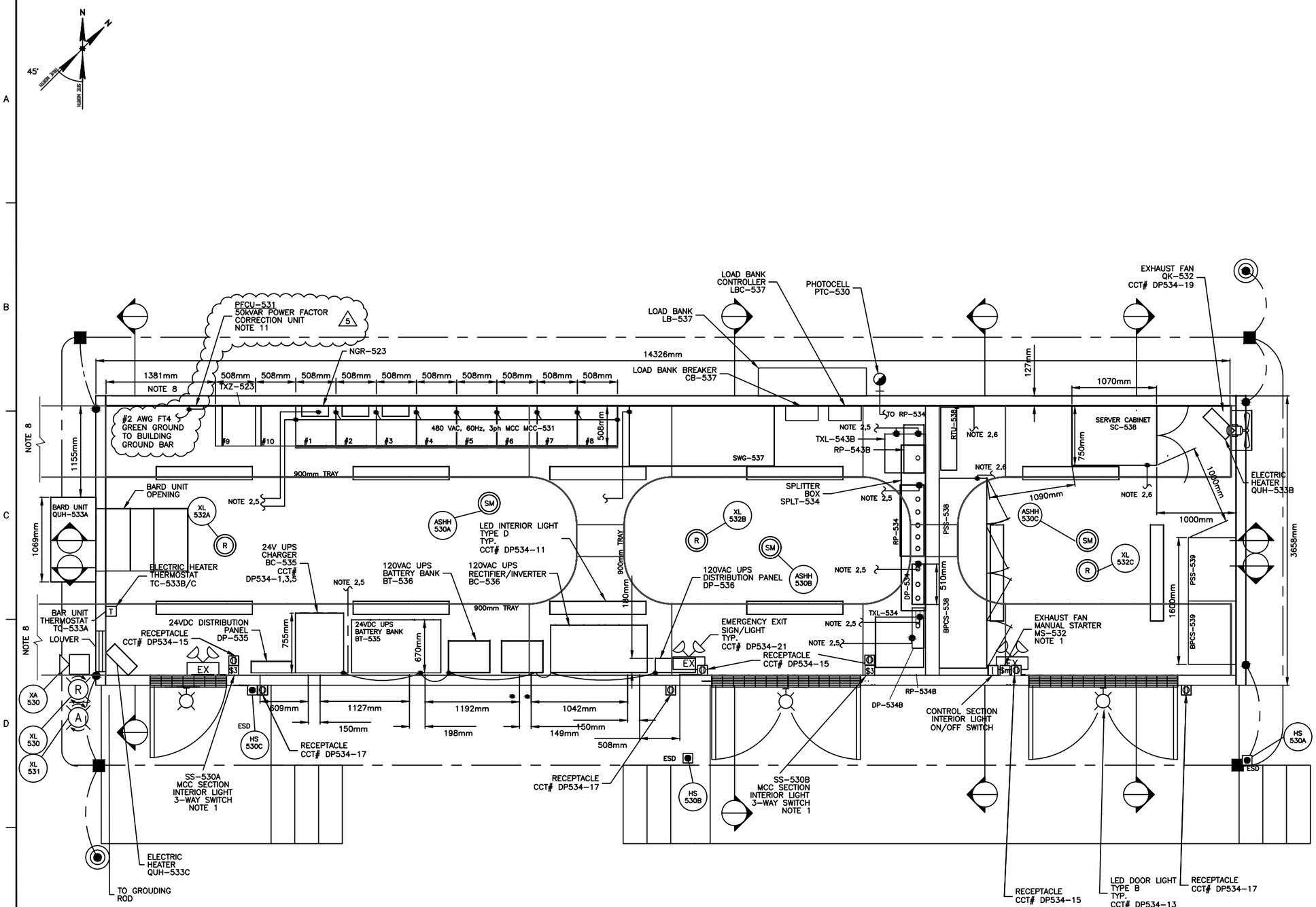

NOTES

1. ALL SWITCHES TO BE INSTALLED 1200mm ABOVE PLATFORM FLOORING.
2. TO BE WIRED TO GROUDING BUS BAR. #2 AWG CABLE TO BE USED FOR ALL EQUIPMENTS EXCEPT MCC PANEL. GROUNDING CABLE FOR MCC PANEL IS #2/0 AWG.
3. SPACE TO BE RESERVED FOR FUTURE EXPANSION.
4. CABLE TRAYS TO BE 100MM AWAY FROM THE ADJACENT WALLS.
5. TO POWER GROUND.
6. TO INSTRUMENTATION GROUND.
7. UNUSED ZIG-ZAG TRANSFORMERS.
8. FOR CONTINUATION REFER TO DWG: 02-20-050-18W5-EL-0048-01
9. FIELD ELECTRICAL CONTRACTOR TO INSTALL 2x3C#500kcmil TECK90 POWER CABLES FROM SWG-537 TO MCC-531 WITH 72mm SPACING BETWEEN THESE CABLES AND TO ADJACENT CABLES.
10. 600mm CABLE TRAY TO BE RUN UNDER THE SKID THE SKID FOR MAIN POWER CABLES FROM THE GENERATORS TO THE SWITCHGEAR SWG-537.
11. LOCATION OF PFCU-531 IS DIAGRAMMATICALLY SHOWN, FIELD CONTRACTOR SHALL AS-BUILT LOCATION WHILST MAINTAINING MANUFACTURER RECOMMENDED CLEARANCE (6"). 5

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.

REF	DRAWING NUMBER	DRAWING TITLE
6		
5		
4		
3		
2		
1		

REFERENCE DRAWINGS

REV	DATE	DESCRIPTION	BY	CHK	ENG	APR
5	2017/03/27	IFC FOR EWR 22510 STANTEC 110902423	YG	FA	FA	VD
4	2015/08/26	AS BUILT FOR EWR 19227 EXCELSIOR 4178HUS	MB	BS	FJ	VD
3	2014/12/17	IFC FOR EWR 19227 EXCELSIOR 4178HUS	AE	BS	FJ	VD
2	2014/09/02	AS BUILT FOR EWR 18319 EXCELSIOR 3829	MB	BS	FJ	VD
1	2014/03/18	IFC FOR EWR 18319 EXCELSIOR 3829	AL	SSTJ	FJ	VD

REVISION HISTORY

Husky Oil Operations Limited

Stantec

RAVEN CREEK 02-20-050-18W5 COMP STN

TITLE
MCC BUILDING (X-530)
ELECTRICAL & INSTRUMENTATION LAYOUT
SHEET 1

SURFACE LOCATION	02-20-050-18W5	
ALTERNATE DWG NUMBER	LY-10-E-0001-1	REV NO
HUSKY DWG NUMBER	02-20-050-18W5-EL-0022-01	5
VENDOR DWG NUMBER		SCALE
AMU/FLOC NUMBER	W5-01-001-00007	1:50
DCN NO	PROJECT NO EWR 22510	