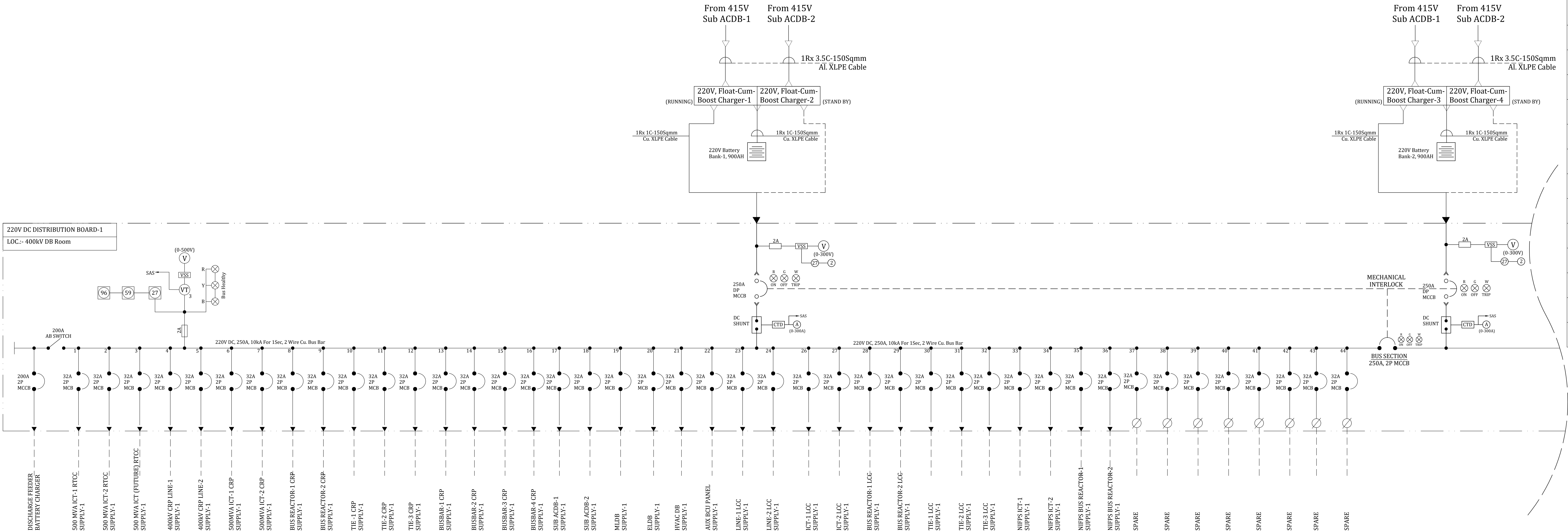




LEGEND :-	
SYMBOL	DESCRIPTION
	STATION SERVICE TRANSFORMER
	220V BATTERY BANK
	220V, 190A, DUAL FLOAT- CUM- BOOST CHARGER
	DOUBLE POLE MCB
	MINIATURE CIRCUIT BREAKER (MCB)
	SPARE
	DC SHUNT
	VOLTAGE SELECTOR SWITCH
	AMMETER SELECTOR SWITCH
	ANALOGUE AMMETER
	ANALOGUE VOLTMETER
	UNDER VOLTAGE RELAY
	TIME DELAY RELAY
	FUSE

220V DCDB-1&2		
INCOMER FEEDERS		
MCCB 250 A, 4P	2 Nos	
BUS COUPLER		
MCCB 250 A, 4P	1 Nos	
OUTGOING FEEDERS		
200A 2P, MCCB	2 Nos.	
32A 2P, MCB		

NOTES.

- ONLY ONE CHARGER SHALL OPERATE AT A TIME. THE OTHER CHARGER SHALL REMAIN IN HOT STAND-BY MODE.
- BATTERY WILL BE CHARGED BY ONE CHARGER ONLY OUT OF THE TWO CHARGERS ONLY OUT OF THE TWO CHARGERS. THE OTHER CHARGERS SHALL TAKEOVER AUTOMATICALLY IF THE RUNNING CHARGERS FAILS.
- TWO BATTERY CHARGERS (DFCBC -1 & DFCBC-2) SHALL BE PHYSICALLY SEPARATED BY A METALLIC PARTITION SO THAT ANY DAMAGE IN ONE CHARGER DOES NOT AFFECT THE OTHER CHARGER.
- ALL MCCBs & MCBs SHALL BE PROVIDED WITH BUILT IN THERMO-MAGNETIC TYPE O/C & S/C RELEASE.
- ALL MCCBs SHALL BE PROVIDE WITH ON & TRIP INDICATION LAMP.
- ALL MCCBs AND MCBs SHALL BE CURRENT LIMITING TYPE.
- ALL AMMETER AND VOLTMETER SHALL BE ANALOGUE TYPE.
- CABLE SIZES SHOWN ARE INDICATIVE AND SHALL BE FINALIZE DURING CABLE SIZING CALCULATION.
- THE DB SHALL COMPLY WITH THE TECHNICAL SPECIFICATION OF AEGCL.
- THE DB SHALL BE METAL ENCLOSED FLOOR STANDING FIXED TYPE FOR THE INCOMING & OUTGOING FEEDERS MODULES.
- CABLE ENTRY TO THE DB SHALL FROM THE BOTTOM.
- THE DB SHAL HAVE ENCLOSURE PROTECTION CLASS OF NOT LESS THAN IP 52.

NOA No. :	
PROJECT :	
CLIENT:	ASSAM ELECTRICITY GRID CORPORATION LTD. (BIJULEE BHAWAN, GUWAHATI, ASSAM)
EPC CONTRACTOR	
DRG. TITLE	LT DC SINGLE LINE DIAGRAM
DRG. NO.	
DATE	
SHEET	02 OF 02
DRAWN BY:-	CHECK BY:-

Rev No.	Date	Revision Note

