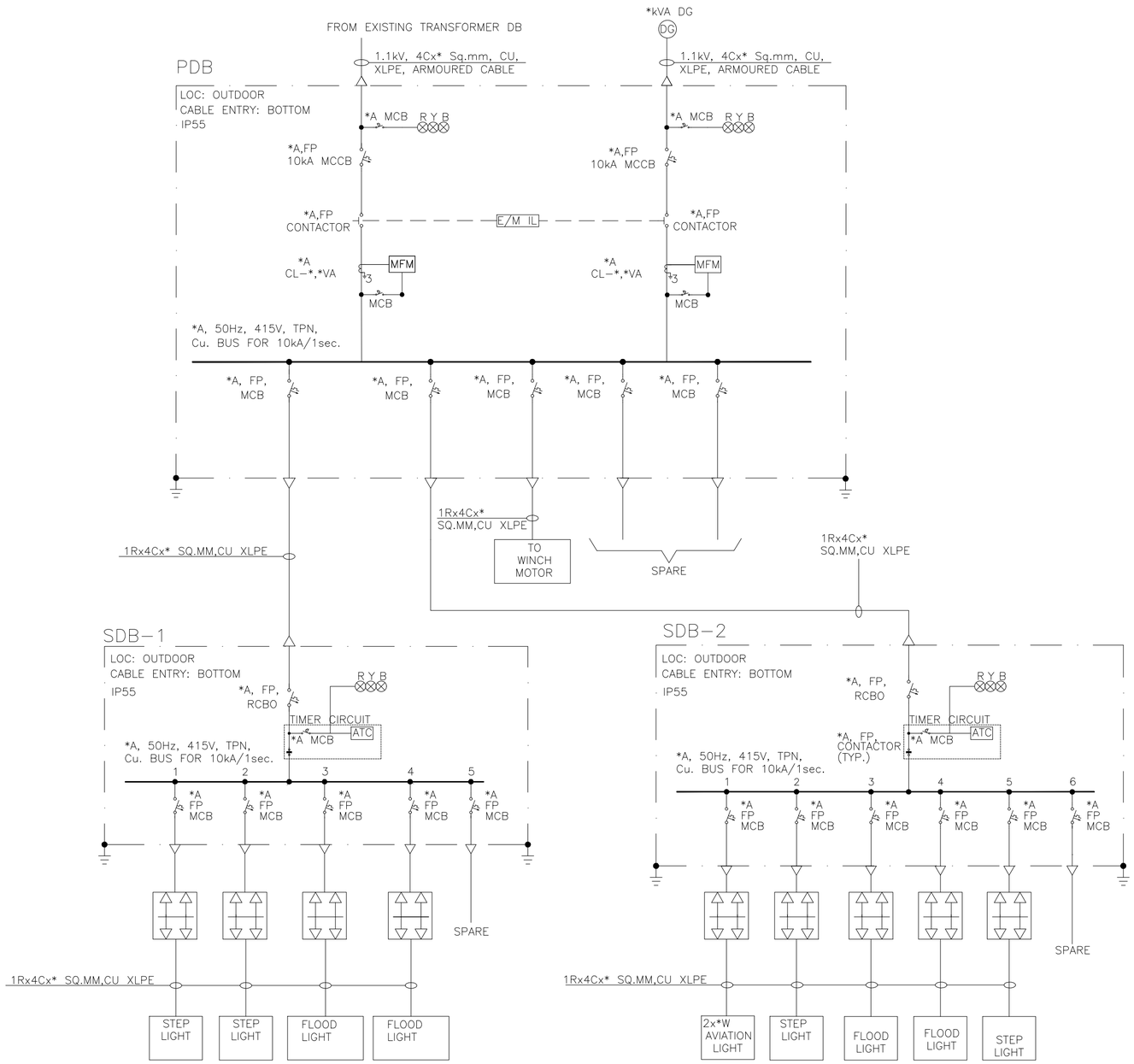
DWG NO: TCE.10477A-EL-4000-AU-40026

TITLE: SINGLE LINE DIAGRAM



LEGENDS:

	4 WAY JUNCTION BOX
	LED INDICATING LAMP
	CONTACTOR
	CABLE GLANDS
	CURRENT TRANSFORMER
PDB	POWER DISTRIBUTION BOARD
SDB	SUB DISTRIBUTION BOARD
FP	FOUR POLE
DP	DOUBLE POLE
RCBO	RESIDUAL CIRCUIT BREAKER WITH OVERCURRENT PROTECTION
ATC	ASTRONOMICAL TIMER
MFM	MULTI-FUNCTION METER
E/M IL	ELECTRICAL/MANUAL INTERLOCK

NOTES:

1. THIS SLD IS INDICATIVE AND FOR REFERENCE PURPOSE ONLY.
2. R,Y,B PHASE INDICATION SHALL BE PROVIDED FOR EACH DB PANEL.
3. ALL PANELS SHALL BE OUTDOOR & WEATHERPROOF CONFORMING TO IP55 PROTECTION MOUNTED ATLEAST 400MM ABOVE FGL. ALL CABLE ENTRIES SHALL BE BOTTOM OF THE PANEL.
4. LIST OF EQUIPMENT & kW RATING IS TENTATIVE SHALL BE FINALISED DURING DETAIL ENGINEERING BY CONTRACTOR
5. ELECTRICAL/MANUAL INTERLOCK SHALL BE PROVIDED BETWEEN EXISTING TRANSFORMER DB & DG.
6. DG SET SHALL BE AUTO 'ON' IN CASE OF FAILURE OF EXISTING TRANSFORMER SUPPLY & VICE-VERSA.
7. 20% SPARE FEEDER SHALL BE PROVIDED FOR EACH TYPE OF RATING.

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FOR TENDER PURPOSE

DO NOT SCALE

'P' (PRELIMINARY) ISSUES ARE NOT TO BE USED FOR CONSTRUCTION / FABRICATION BUT ARE ISSUED FOR LIMITED PURPOSES ONLY AS INDICATED IN THE SMALL BLOCK ABOVE THIS BLOCK.

CONSTRUCTION / FABRICATION WORK IS PERMITTED ON 'R' (RELEASED) ISSUES ONLY.

INFORMATION CONTAINED WITHIN 'HOLD' IS NOT RELEASED FOR CONSTUCTION / FABRICATION. FIELD MUST GET DESIGN OFFICE TO CLEAR 'HOLDS' IN TIME BEFORE PROCEEDING WITH ANY CONSTRUCTION / FABRICATION WORK RELATED TO 'HOLDS'.

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FILE NAME : TCE.10477A-4000-AU-40026P0.dwg

GUWAHATI SMARTCITY LIMITED

SINGLE LINE DIAGRAM

TATA CONSULTING ENGINEERS LIMITED

MUMBAI

SCALE : NTS

DC & DISC : MUM_EL

DWG NO. TCE.10477A-EL-4000-AU-40026

ISSUE P0

SIZE-A2

FILE NAME: F-092-Rev-R0.dwg

TCE FORM NO. 092 R0