

NOTES

ALL INFORMATION WITHIN THESE DRAWINGS IS THE INTELLECTUAL PROPERTY OF BDP AND SHALL ONLY BE USED FOR THE PROJECTS AND PROJECT STAGES WITH APPROVAL FROM BDP.

DO NOT SCALE FROM THIS DRAWING WITHOUT CONFIRMING WITH BDP. CHECK ALL DIMENSIONS ON SITE AND ENSURE EQUIPMENT FITS PRIOR TO ORDERING.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND DOCUMENTATION, INCLUDING DRAWINGS FROM OTHER PROFESSIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THE MECHANICAL AND ELECTRICAL SERVICES AND BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICES AND STRUCTURES.

2. CO-ORDINATE MECHANICAL AND ELECTRICAL SERVICES AND THEIR CO-ORDINATION WITH ALL OTHER BUILDING ELEMENTS PRIOR TO INSTALLATION

3. MAIN INCOMING ACB/MCB SHALL HAVE A RATED PROSPECTIVE SHORT CIRCUIT CURRENT OF NOT LESS THAN 10 KA AT A POWER FACTOR OF 0.2, AND SHALL BE TESTED TO CATEGORY IEC157-1

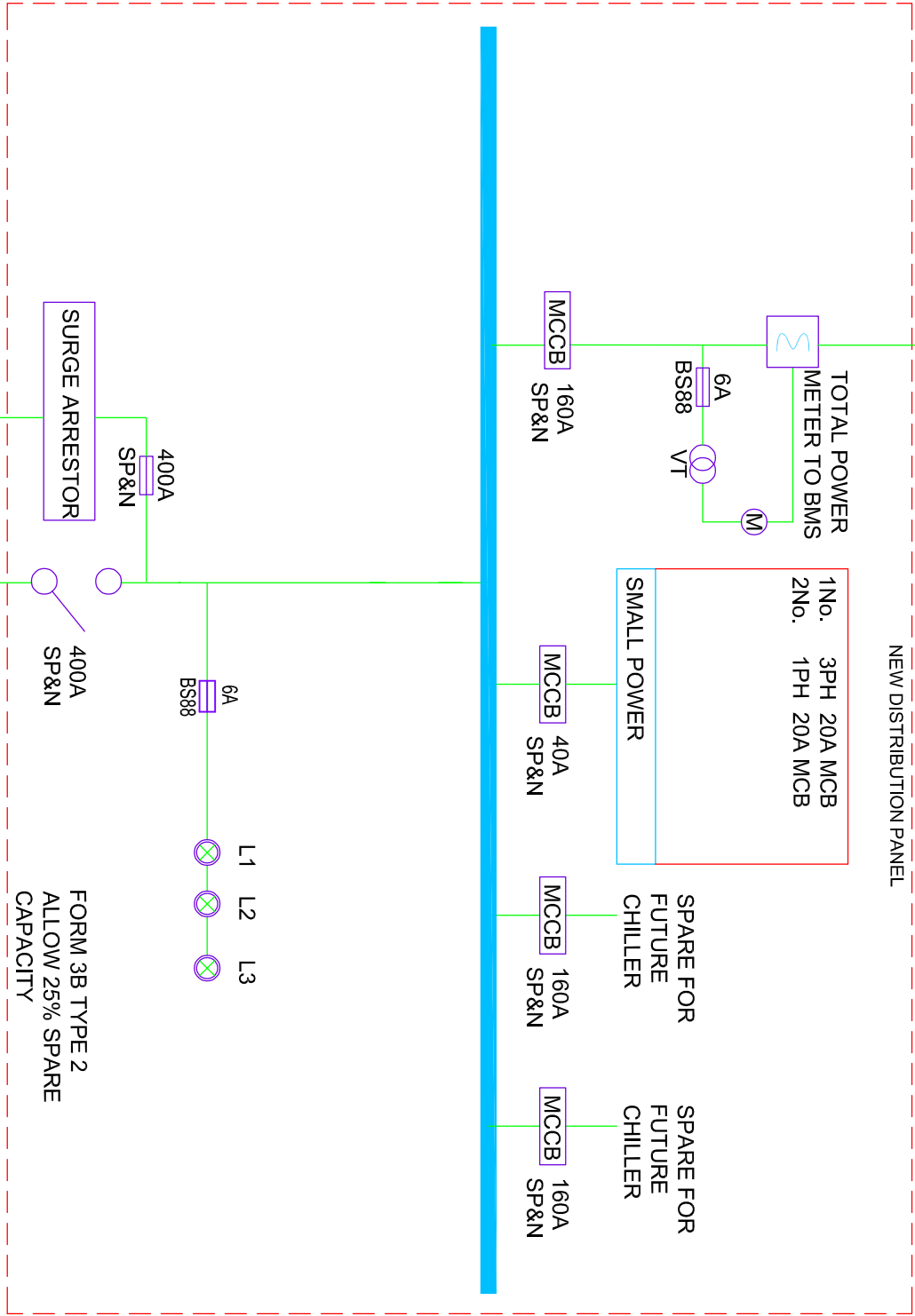
1. MAIN INCOMING ACB TO BE 4 POLE WITHDRAWABLE ACB - TYPE AB SACE EMAX WITH PR111 MICROPROCESSOR TRIP UNIT, OR EQUAL AND APPROVED. SUB-FEEDERS TO BE 4 POLE MCCBS - TYPE ACC SACE ISOMAS S WITH THERMOMAGNETIC RELAYS (1 ADJUSTABLE, M FIXED 5 X TH₁), OR EQUAL AND APPROVED

1. BUSBAR SHALL BE HDHC COPPER OF UNIFORM CROSS SECTION AND SHALL COMPLY FULLY WITH BS 759. THE BUSBAR SYSTEM SHALL BE TYPE TESTED IN ACCORDANCE WITH IEC 439 AND BE CAPABLE OF CARRYING THE CONTINUOUS LOAD CURRENT AS SPECIFIED ELSEWHERE IN THE DOCUMENT

3. BUSBAR CONNECTIONS UP TO 63 AMP MAY BE EFFECTED BY MEANS OF CABLE, BRACED AND SUPPORTED AS NECESSARY, WHEREAS CONNECTIONS ABOVE 63 AMP SHALL BE MADE BY MEANS OF HDHC RECTANGULAR SECTION COPPER BUSBAR, INSULATED AND SUPPORTED AS NECESSARY.

- CONTRACTOR SHALL NOT IN ANY WAY RELIEVE THE
CONTRACTOR OF THEIR RESPONSIBILITY IN RESPECT OF THE
ACCURACY OF ALL SUCH DRAWINGS NOR FROM THEIR
RESPONSIBILITY FOR PROVIDING EQUIPMENT SUITABLE IN
DIMENSIONS, CONSTRUCTION AND FINISH FOR THE
LOCATION IN WHICH IT IS TO BE INSTALLED

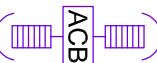
EXISTING CABLE TO BE
RETAINED AND MODIFIED,
TERMINATED TO NEW DB IN
PLANTROOM TO SERVE
NEW/FUTURE CHILLERS



MAIN-DISTRIBUTION BOARD REF MDB

POSTED BY	SETU - NET LABS
CHILLER UPGRADE	
PROJECT NO.	LV SCHEMATIC
DATE	
RECD BY	NTS
DATE	SEPT 26
ISSUED BY	
DATE	
PROJECT NO.	(6)-E001
ISSUED BY	
DATE	
PROJECT NO.	T03
ISSUED BY	
DATE	

REASON DISCIPLINE	ISSUE	DATE
T03 - FOR TENDER	BOR	CC 04.09.26
T02 - FOR TENDER	BOR	CC 24.08.26
T01 - FOR TENDER	BOR	CC 24.07.26

 EARTH PIT	 400A IACB TP&N	 400A TP&N	 400A MOCB TP&N	 CT METER	 LAMP	 VOLTAGE TRANSFORMER	 FULL CURRENT METER BMS METER & BMS CONNECTION
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