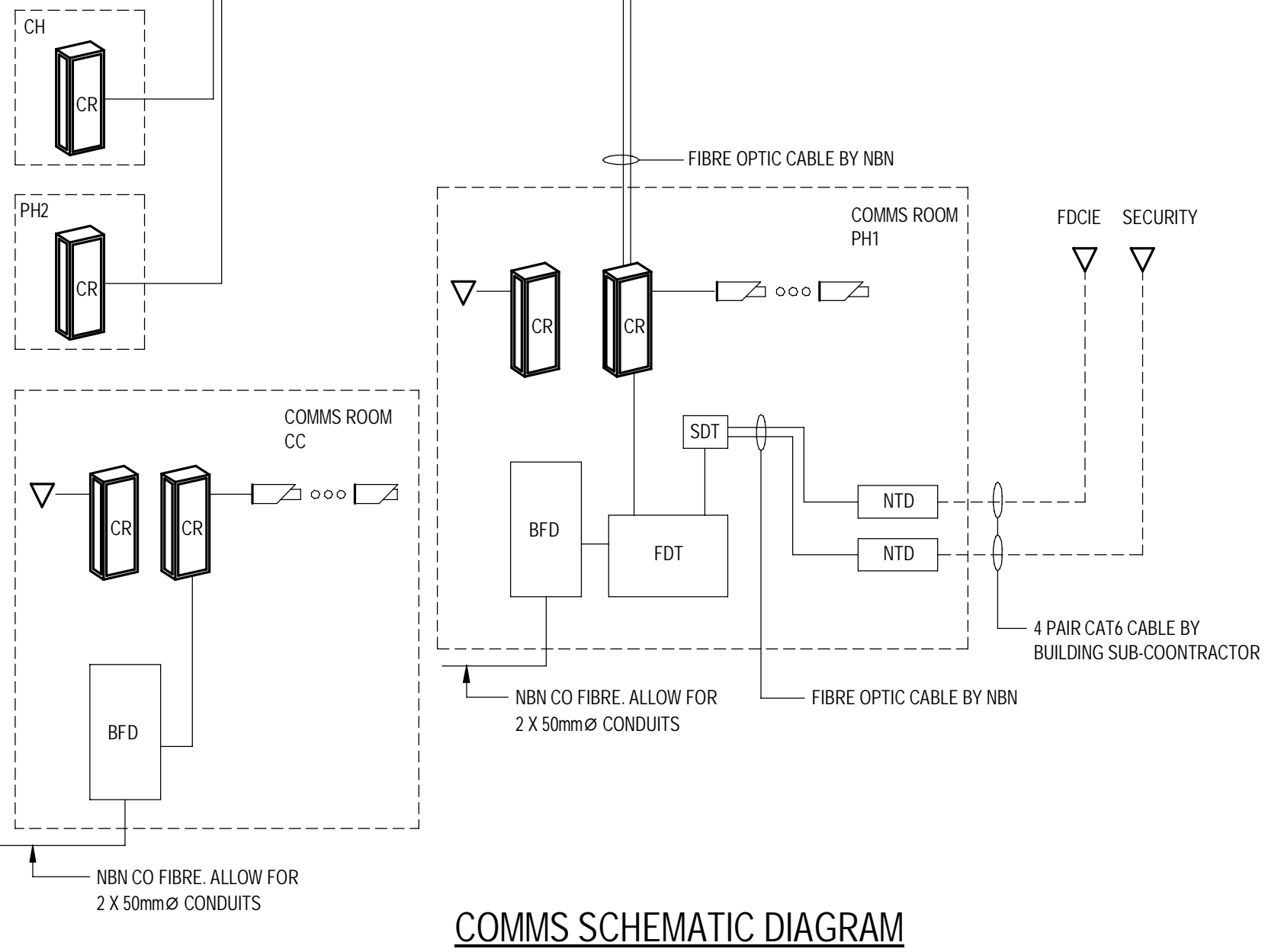


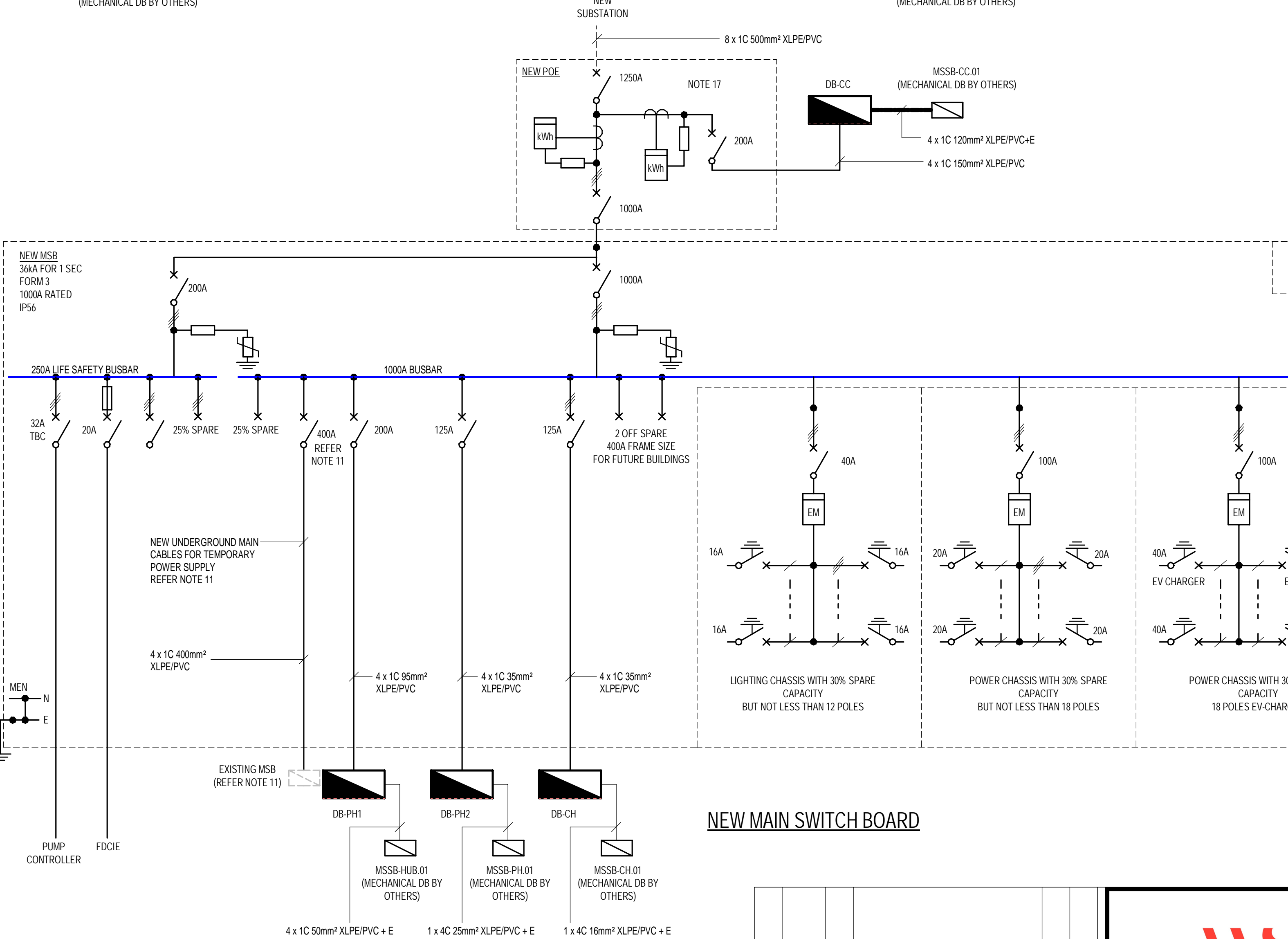
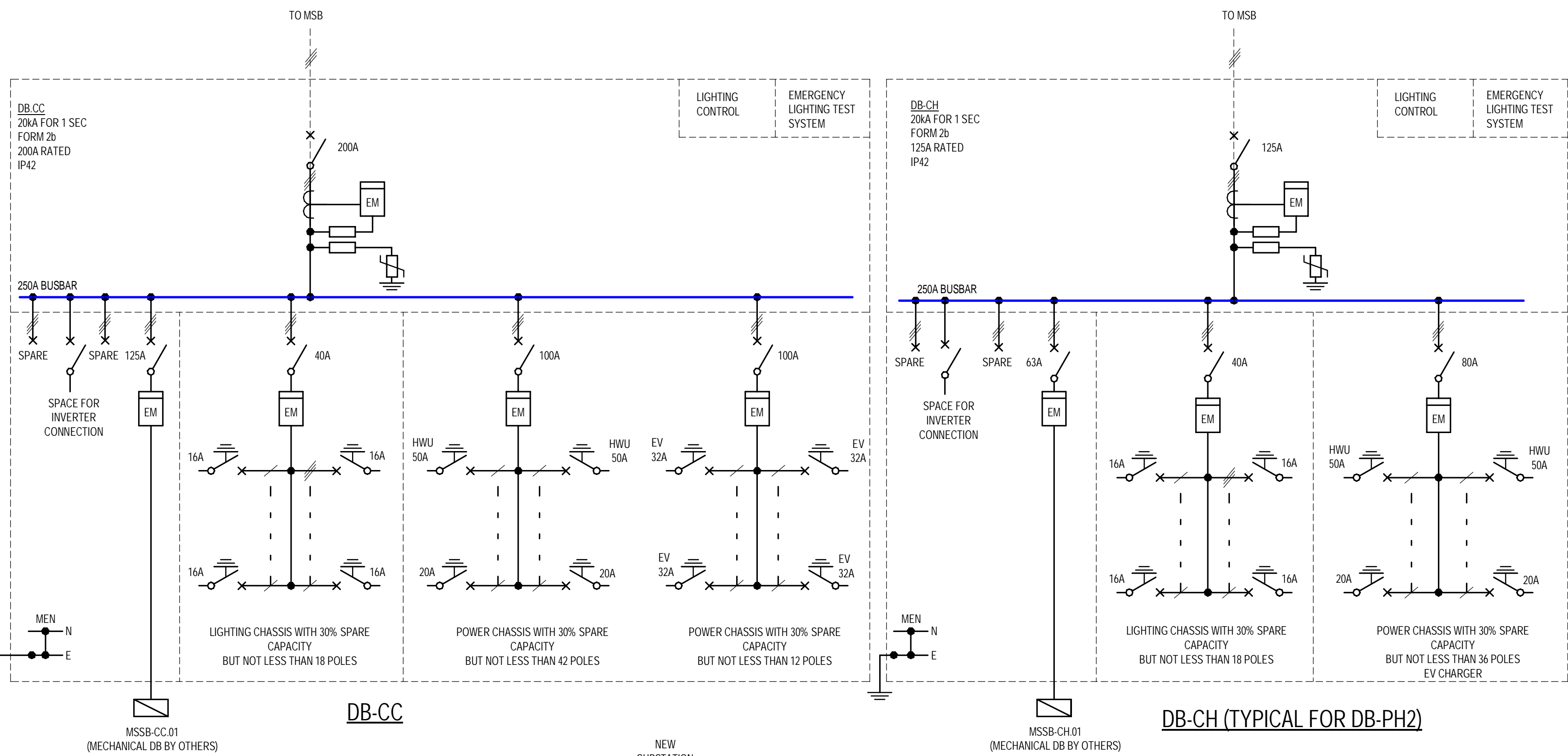
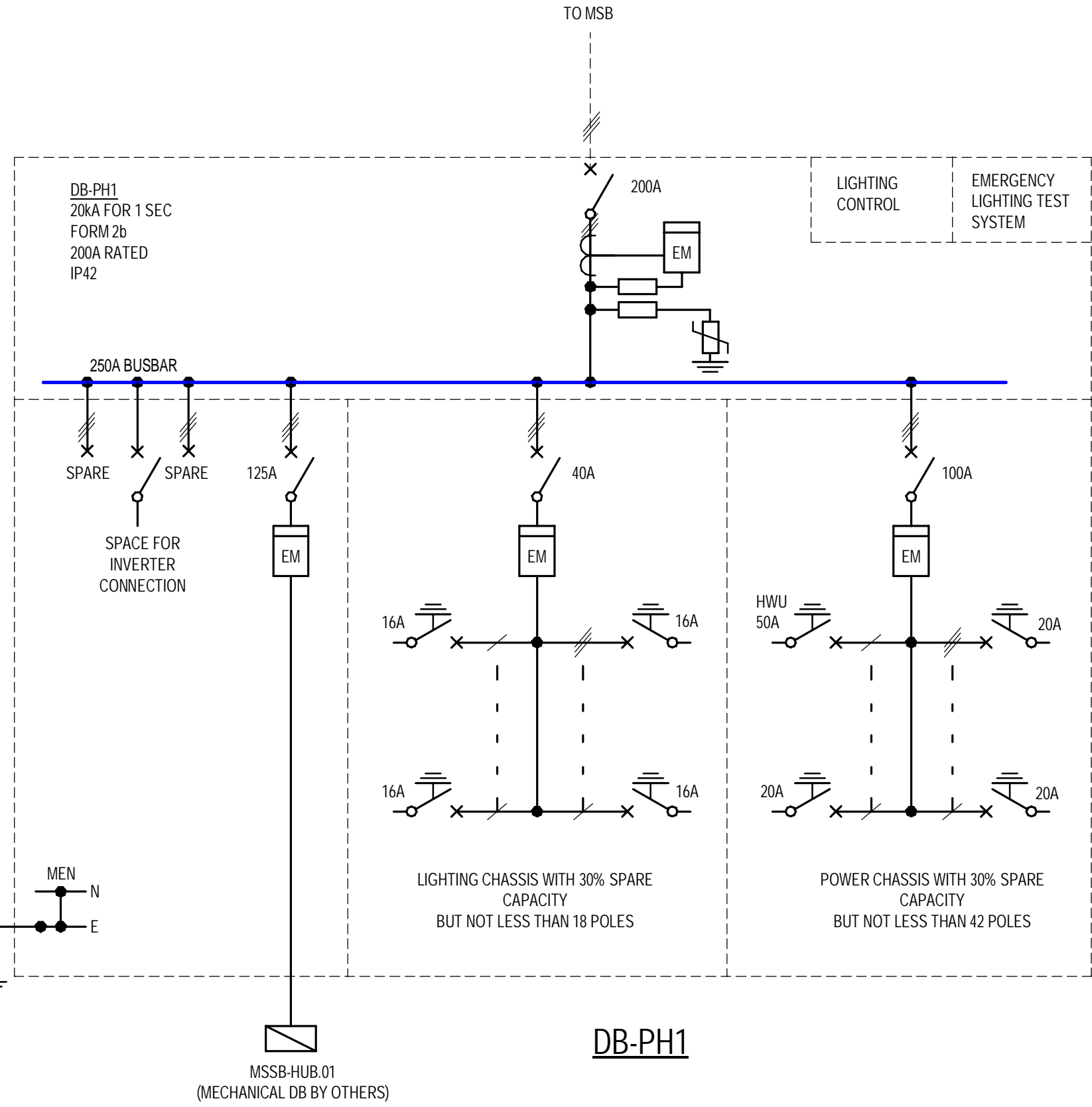
NOTES

- FOR LEGEND AND SYMBOLS REFER TO DRAWING E001.
- DRAWING TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND OTHER SERVICES.
- SUBMIT SHOP DRAWINGS OF SWITCHBOARD FOR APPROVAL PRIOR TO MANUFACTURE.
- ALL WORK TO BE DONE IN ACCORDANCE WITH AS/NZS 3000.
- LIGHTING AND POWER SOCKET OUTLET FINAL SUB-CIRCUITS SHALL BE RATED AT MINIMUM 16A AND 20A RESPECTIVELY.
- FOR ALL FINAL SUB CIRCUITS USE MINIATURE CIRCUIT BREAKERS WITH INTEGRAL RCD - GENERALLY USING SINGLE POLE COMBINATION MCB & RCD WITH A RATED TRIPPING CURRENT NOT EXCEEDING 30mA USE 4-POLE PROTECTIVE DEVICES FOR 3-PHASE CIRCUITS.
- A NEW 1250A POWER SUPPLY IS REQUIRED FROM THE SUBSTATION. ELECTRICAL CONTRACTOR TO ALLOW FOR SUBMITTING AND COORDINATING WITH THE LOCAL POWER AUTHORITY FOR THE REQUIRED POWER UPGRADE.
- ALLOW FOR ALL FEES ASSOCIATED WITH THE INCOMING POWER SUPPLY UPGRADE.
- SUPPLY AND INSTALL A NEW 1250A POE COMPLYING WITH THE REQUIREMENTS OF THE LOCAL POWER AUTHORITY.
- PROVIDE NEW REVENUE METERS FOR TNFS AND CATHOLIC CARE.
- CONFIRM THE EXISTING MSB RATING AND INCOMING SUPPLY CABLE PRIOR TO ORDERING THE NEW CABLE. TRANSFER THE POWER SUPPLY OF EXISTING MSB USING THE TEMPORARY NEW MAIN CABLE TO THE ENERGIZED NEW POE/MSB. THE EXISTING UNDERGROUND SUPPLY MAIN CABLE OF THE EXISTING MSB CAN THEN BE DE-ENERGIZED FROM THE EXISTING SUBSTATION. THIS EXISTING UNDERGROUND SUPPLY CABLE WHICH IS LOCATED UNDER THE NEW PALM HUB BUILDING CAN BE DEMOLISHED AFTER IT IS DE-ENERGIZED. REFER TO DIVERSION SCOPE IN SITE PLAN E010.
- SUPPLY AND INSTALL NEW CONSUMER MAINS CABLING FROM NEW UPGRADED SUBSTATION TO THE NEW POE/MSB.
- SUPPLY AND INSTALL NEW MAIN SWITCHBOARD AS SHOWN ON DRAWING E010.
- SUPPLY AND INSTALL NEW SUB-MAINS CABLING FROM THE MSB TO NEW ELECTRICAL DBS.
- SUPPLY AND INSTALL NEW FINAL SUB-CIRCUIT CABLING TO ALL GENERAL POWER AND LIGHTING CIRCUITS.
- SUPPLY AND INSTALL NEW CABLE TRAYS FOR ALL SUB-MAINS AND FINAL SUB-CIRCUIT CABLING.
- PROVIDE SPACE FOR 2 OFF FUTURE REVENUE METERS IN THE NEW POE.



NOTES

- ALL DATA CABLING SHALL BE PAIDUIT CAT 6 UTP OR EQUIVALENT.
- SUPPLY AND INSTALL 2 NO. MINIMUM 10 NO. GPO METERED POWER DISTRIBUTION UNITS IN EACH COMMUNICATIONS CABINET, SUPPLIED FROM 32A CAPTIVE OUTLET.
- COMMUNICATIONS OUTLETS PATCH PANELS COMPRISING CAT6 RJ45 PORT ANGLED PATCH PANELS. QUANTITY AS REQUIRED.
- ALL DATA CABLING SHALL BE PAIDUIT CAT 6 UTP OR EQUIVALENT.
- ALL FIBRE OPTIC CABLING SHALL BE RETICULATED IN SECURE CONDUIT WITH JUNCTION BOXES AT EACH CHANGE OF DIRECTION.
- COMMUNICATIONS CABINET VERTICAL ELEVATION AND LAYOUTS ARE SHOWN INDICATIVE ONLY. THE CONTRACTOR SHALL PROVIDE ALL SERVICES AND ITEMS AS REQUIRED TO ACHIEVE THE DESIGN INTENT AS SHOWN, IRRESPECTIVE OF WHETHER THESE ELEMENTS HAVE BEEN FULLY DOCUMENTED OR NOT.
- PROVIDE ADEQUATE CABLE MANAGEMENT FACILITIES WITHIN RACK WITH 25% FUTURE SPARE CAPACITY.



REV	DATE	BY	DESCRIPTION	CHK	APP
P2	07-07-2023	JJ	100% PSP	JJ	HH
P1	28-04-2023	JJ	80% PSP	JJ	HH
BROWNING STATUS: PRELIMINARY					

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CLIENT: CatholicCare Canberra & Southern

ARCHITECT: NØFFS STH

PROJECT: WATSON HEALTH HUB

TITLE: ELECTRICAL SERVICES
ELECTRICAL SERVICES SCHEMATICS

SCALE @ A1: N.T.S.	CHECKED: JJ	APPROVED: HH/KJE
PROJECT NUMBER: PS132290	DRAWN: MAN	DATE: JANUARY 2023
DRAWING No: E300	REV: P2	
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