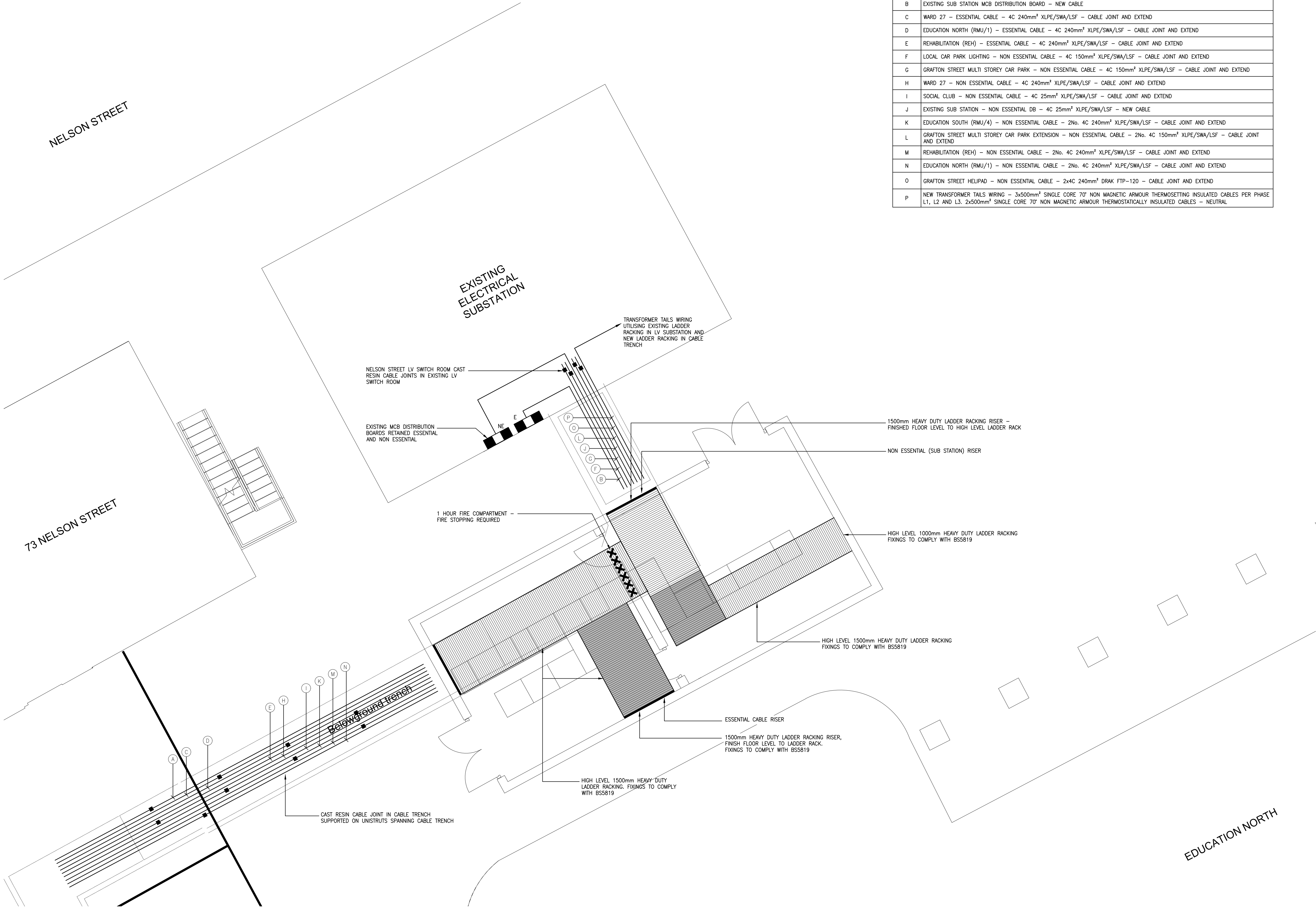




CABLE ROUTE CONFIGURATION	
REF	DESCRIPTION
A	EDUCATION SOUTH (RMU/4) - ESSENTIAL CABLE - 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
B	EXISTING SUB STATION MCB DISTRIBUTION BOARD - NEW CABLE
C	WARD 27 - ESSENTIAL CABLE - 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
D	EDUCATION NORTH (RMU/1) - ESSENTIAL CABLE - 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
E	REHABILITATION (REH) - ESSENTIAL CABLE - 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
F	LOCAL CAR PARK LIGHTING - NON ESSENTIAL CABLE - 4C 150mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
G	GRAFTON STREET MULTI STOREY CAR PARK - NON ESSENTIAL CABLE - 4C 150mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
H	WARD 27 - NON ESSENTIAL CABLE - 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
I	SOCIAL CLUB - NON ESSENTIAL CABLE - 4C 25mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
J	EXISTING SUB STATION - NON ESSENTIAL DB - 4C 25mm ² XLPE/SWA/LSF - NEW CABLE
K	EDUCATION SOUTH (RMU/4) - NON ESSENTIAL CABLE - 2No. 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
L	GRAFTON STREET MULTI STOREY CAR PARK EXTENSION - NON ESSENTIAL CABLE - 2No. 4C 150mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
M	REHABILITATION (REH) - NON ESSENTIAL CABLE - 2No. 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
N	EDUCATION NORTH (RMU/1) - NON ESSENTIAL CABLE - 2No. 4C 240mm ² XLPE/SWA/LSF - CABLE JOINT AND EXTEND
O	GRAFTON STREET HELIPAD - NON ESSENTIAL CABLE - 2x4C 240mm ² DRAK FTP-120 - CABLE JOINT AND EXTEND
P	NEW TRANSFORMER TAILS WIRING - 3x500mm ² SINGLE CORE 70° NON MAGNETIC ARMOUR THERMOSETTING INSULATED CABLES PER PHASE L1, L2 AND L3. 2x500mm ² SINGLE CORE 70° NON MAGNETIC ARMOUR THERMOSTATICALLY INSULATED CABLES - NEUTRAL

- LEGEND
- A: LOAD BANK
 - B: MOBILE GENERATOR
 - C: GENERATOR INCOMER
 - D: LINKS TO BUSTIE 2
 - E: CABLEWAY
 - F: OUTGOING ESSENTIAL
 - G: CABLEWAY
 - H: CABLEWAY
 - I: OUTGOING NON-ESSENTIAL
 - J: CABLEWAY
 - K: BUSTIE 2
 - L: TX INCOMER
 - M: CABLEWAY
 - N: OUTGOING NON-ESSENTIAL
 - Z: BUSBAR LINK

- CAST RESIN CABLE JOINT
- ⊕ (A) CABLE REF TYPE

- NOTES
- 1.00 CABLES A, C, D, E, H, I, K, M, N ARE TO BE JOINTED IN THE EXISTING BELOW GROUND CABLES TRENCH, EACH CABLE JOINT SUPPORTED ON UNISTRUT FRAMEWORK SPANNING TRENCH
 - 2.00 CABLES F, G, L, O ARE TO BE JOINTED WITHIN THE EXISTING LOW VOLTAGE SWITCH ROOM OF NELSON STREET, SUPPORTED ON UNISTRUT SUPPORT BRACKETS
 - 3.00 CABLES B, J, P ARE ALL NEW REPLACING EXISTING CABLES SUPPORTED ON NEW AND EXISTING LADDER RACKING

P3	11.10.21	AMENDED IN ACCORDANCE WITH DESIGN TEAM MEETING	MPR
P2	08.09.21	AMENDED IN ACCORDANCE WITH DESIGN TEAM MEETING 05.08.21	MPR
P1	25.06.21	STAGE 3 ISSUE	MPR
REV	DATE	NOTE	ENG

ISSUE STAGE: STAGE 3

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PROJECT:
MANCHESTER ROYAL INFIRMARY
NELSON STREET SUBSTATION
LIFE CYCLE UPGRADE
LC1839

DRAWING TITLE:
ELECTRICAL SERVICES
CONTAINMENT AND CABLE ROUTES

DESIGNED / DRAWN BY: MPR	SUITABILITY: S0	CHECKED: NB	APPROVED: CNA
REDWORTH PROJECT NUMBER: 3341	SCALE: 1:50 A1		REVISION DATE: 11.10.21
DRAWING NUMBER: 3341-RWA-XX-XX-DR-E-6005	REVISION: P3		