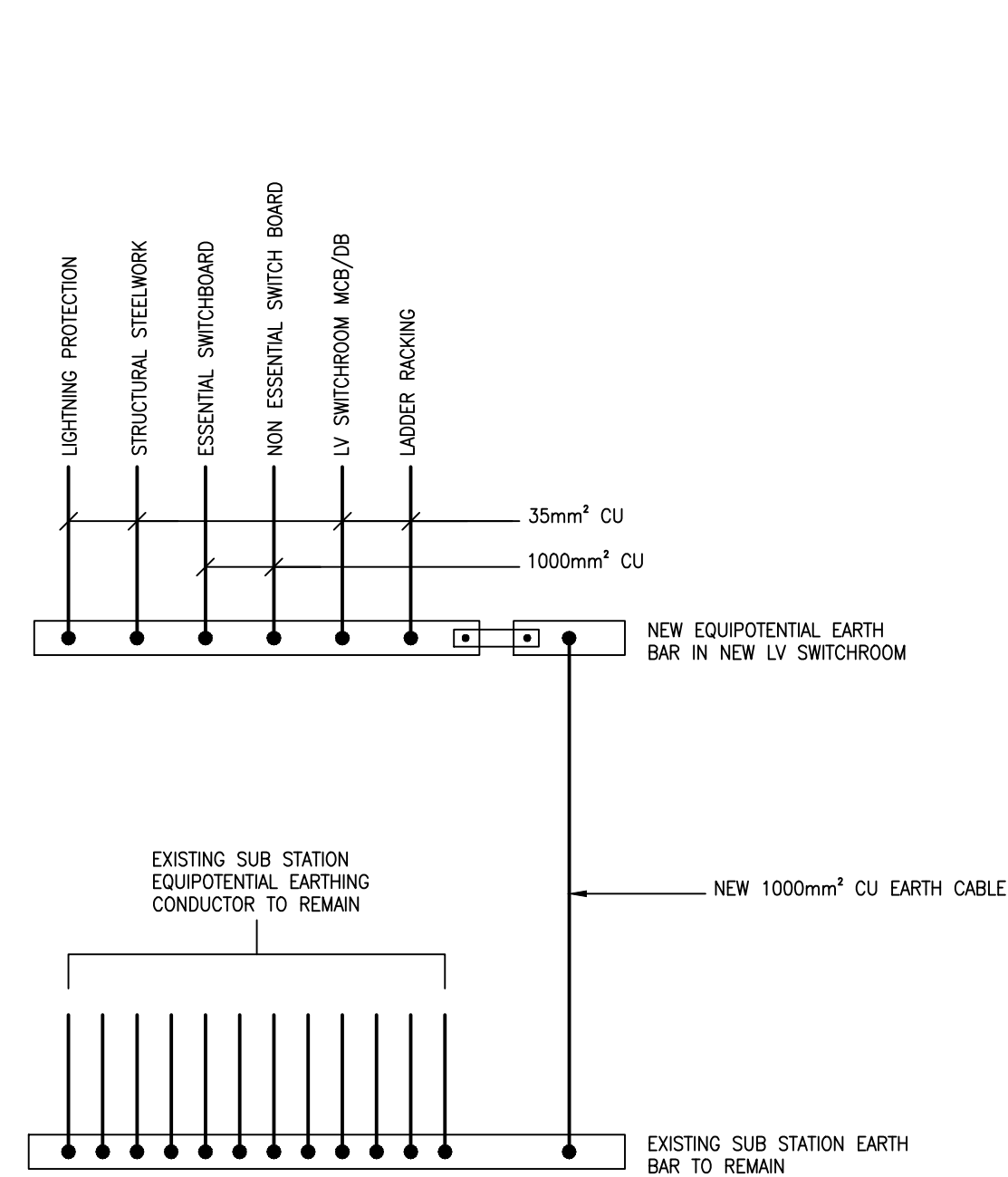


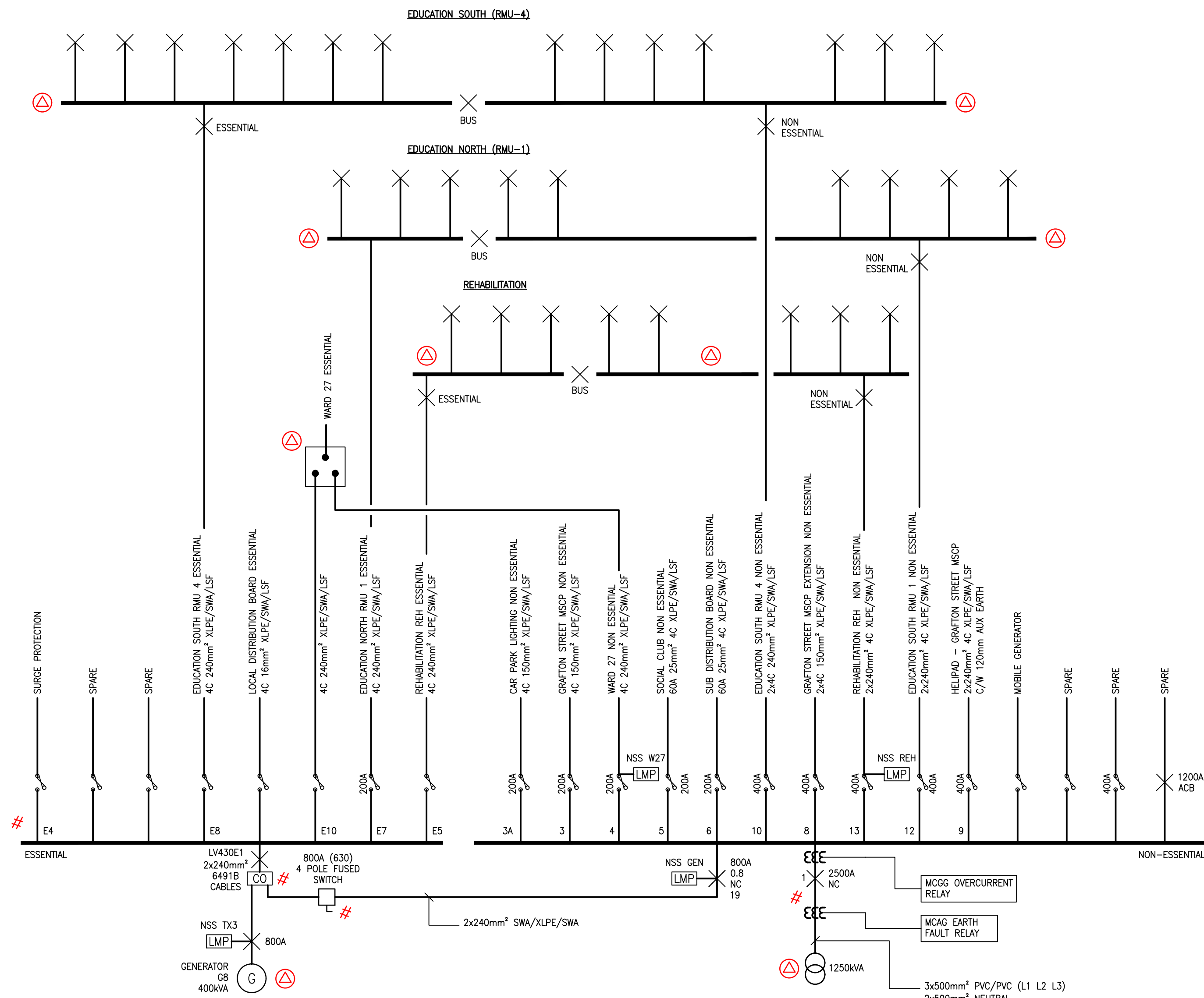
NOTES

1.00 ACB REF A OPEN AND ACB B CLOSED WHEN OPERATING WITH THE EXISTING 400kVA GENERATOR

ACB REF A CLOSED AND ACB B OPEN WHEN OPERATING WITH A NEW 1.5MW GENERATOR I.E ALL BOARD ESSENTIAL



PROPOSED EARTH SCHEMATIC



EXISTING MAIN SCHEMATIC

- LEGEND
- LV ACB
 - LV ISOLATOR
 - LV MCCB
 - LV FUSE SWITCH
 - AUTO-CHANGE OVER UNIT/FACILITY
 - CLOSED COUPLED TRANSFER SWITCH
 - LOAD MONITORING POINT
 - CABLE JOINT - CAST RESIN
 - TO BE RETAINED
 - TO BE REMOVED
 - NEW SIGNAL/CONTROL CABLES 7C 1.5mm² XLPE/SWA/LSF

P3	08.09.21	AMENDED IN ACCORDANCE WITH DESIGN TEAM MEETING 05.08.21	MPR
P2	25.06.21	STAGE 3 ISSUE NEW SWITCHBOARD CAPACITY UPGRATED TO 2400A. ADDITION NOTES ADDED TO EXISTING SWITCH BOARD	MPR
P1	27.04.21	PRELIMINARY ISSUE	MPR
REV	DATE	NOTE	ENG

ISSUE STAGE: STAGE 3

REDWORTH ASSOCIATES CONSULTING ENGINEERS

Ryefield House, 180 Highgate Road, Queensbury, Bradford, West Yorkshire, BD13 1DS
Tel: 01274 577171
E-Mail: admin@redworthassociates.co.uk
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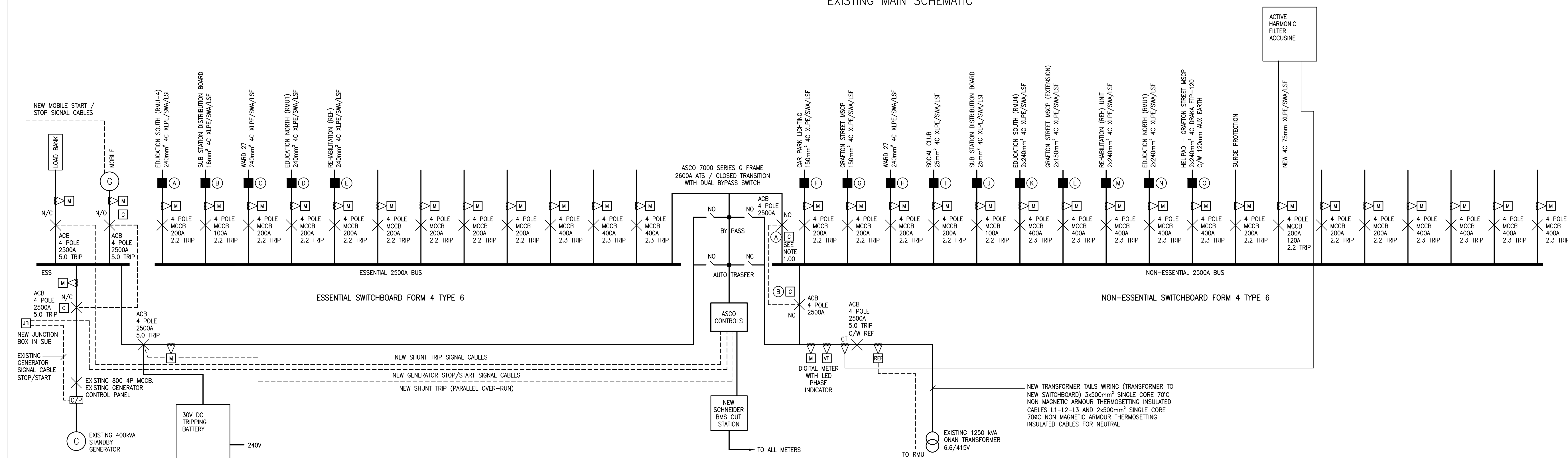
The Incubator Building, 48 Grafton Street, Manchester, M13 9XX
Tel: 0161 606 7379

CLIENT: **EQUANS**

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

DRAWING TITLE: ELECTRICAL SERVICES EXISTING & PROPOSED MAINS SCHEMATIC

DESIGNED / DRAWN BY: MPR	SUITABILITY: S0	CHECKED: NB	APPROVED: CNA
REDWORTH PROJECT NUMBER: 3341	SCALE: NTS A1	REVISION: P3	REVISION DATE: 08.09.21
DRAWING NUMBER: 3341-RWA-XX-XX-DR-E-6002			



PROPOSED MAIN SCHEMATIC

NOTE - EXISTING GENERATOR AT 400kVA TO BE REPLACED WITH A 1.5MW GENERATOR IN THE NEAR FUTURE