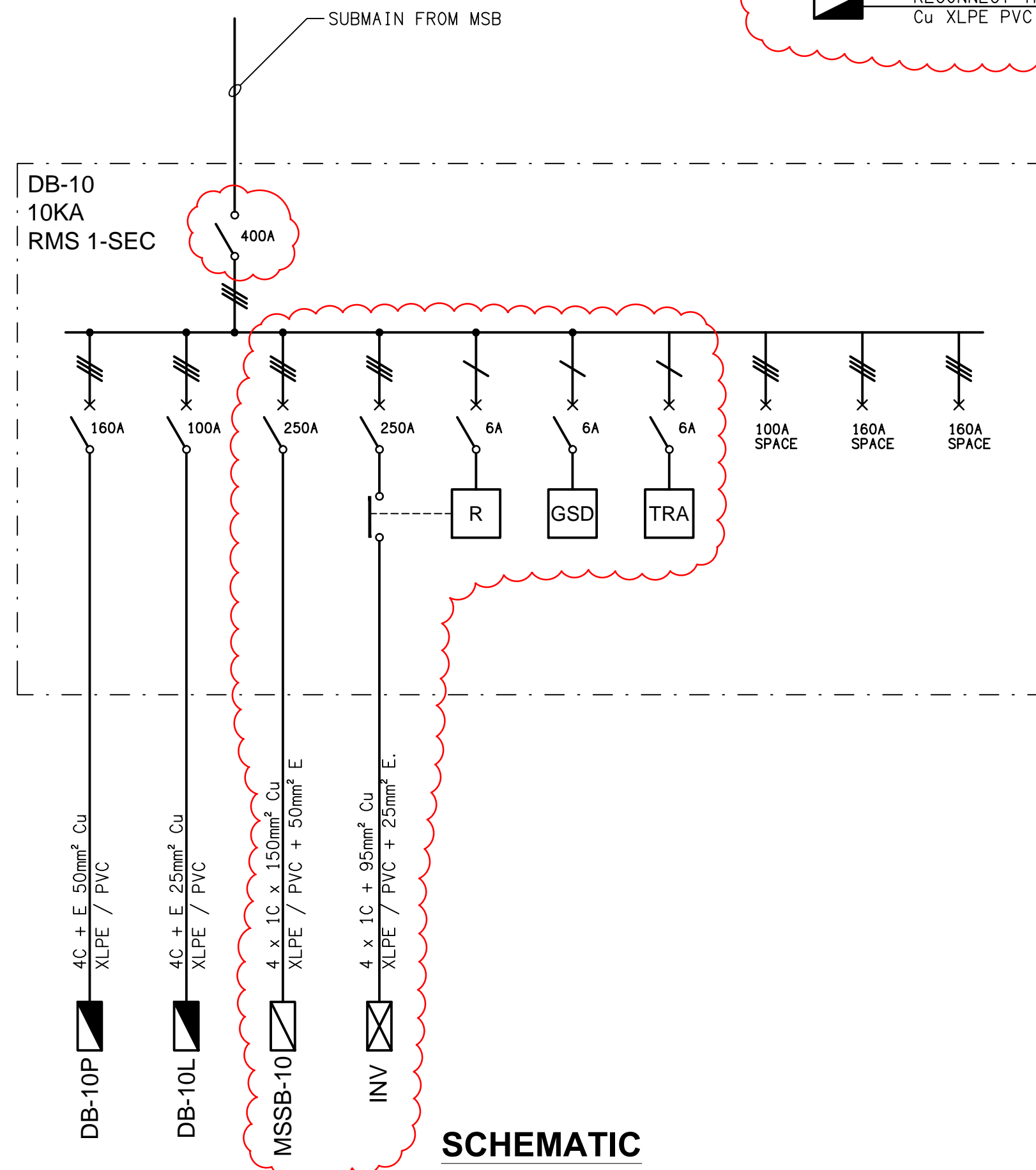


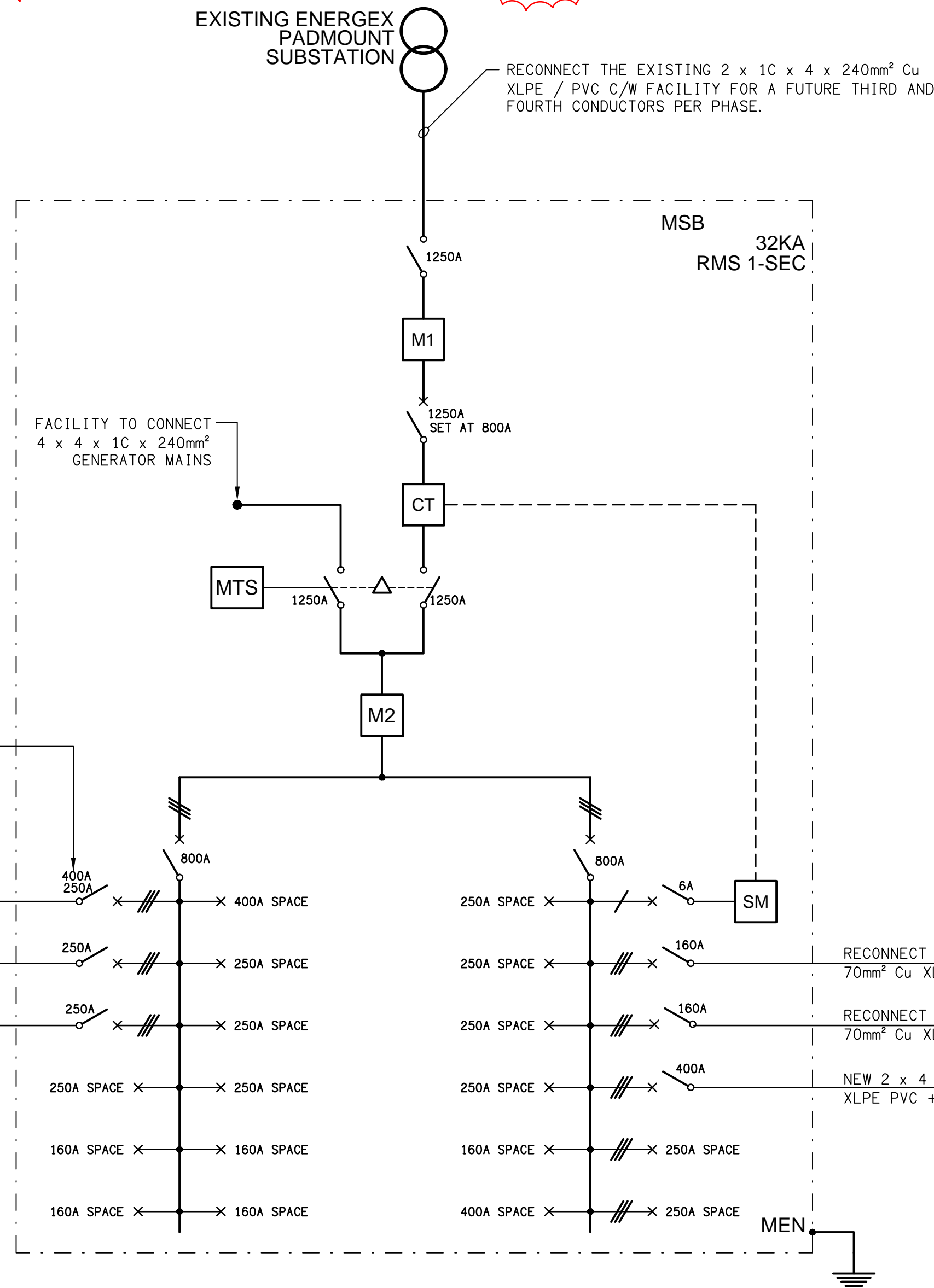
**EXISTING SCHEMATIC**  
MAIN SWITCHBOARD  
NOT TO SCALE



**SCHEMATIC**  
DB-10 ARRANGEMENT  
NOT TO SCALE

ENSURE THE TRIP UNIT  
CAN BE ADJUSTED FROM  
250A TO 400A.

- DB-3 RECONNECT THE EXISTING 4 x 1C x 120mm² Cu XLPE PVC + E C/W FACILITY FOR A FUTURE SECOND SET OF CONDUCTORS PER PHASE.
- DB-4 RECONNECT THE EXISTING 4 x 1C x 120mm² Cu XLPE PVC + E.
- DB-7 RECONNECT THE EXISTING 4 x 1C x 120mm² Cu XLPE PVC + E.



**PROPOSED SCHEMATIC**  
MAIN SWITCHBOARD  
NOT TO SCALE

### SWITCHBOARD NOTES

PROVIDE THE SITE MAIN SWITCHBOARD (MSB) AS FOLLOWS:

- PLINTH MOUNTED MECHANICALLY FIXED TO THE WALL.
- QECM COMPLIANT RETAIL METERING.
- PROVIDE A COPY OF THE ENERGEX APPROVAL OF THE MSB.
- 92268 KEY LOCKABLE IP66 (316 STAINLESS STEEL OR ALUMINIUM) POWDER COATED COLOURBOND SURF MIST C/W INTERNAL TEMPERATURE CONTROLLED ANTI CONDENSATION HEATERS IN EACH CUBICAL.
- IP56.
- ENSURE THE MSB IS DESIGNED TO OPERATE IN DIRECT SUNLIGHT WITH AN AMBIENT TEMPERATURE OF 45 DEGREES.
- WHITE ESCUTCHEON.
- BOTTOM ENTRY CABLE ACCESS ONLY.
- SUN / RAIN HOOD.
- DOORS ON ALL CUBICLES WITH 3 POINT 92268 KEY LOCKABLE HANDLES OTHER THAN THE METER CUBICAL DOOR WHICH IS TO HAVE AN ENERGEX PADLOCK.
- LIFT OFF HINGES ON ALL DOORS AND ESCUTCHEONS.
- 1/4 TURN LATCHES AND D HANDLES ON ALL ESCUTCHEONS.
- ALL SWITCHGEAR TO BE NHP/TERASAKI.
- PROVIDE SHOP DRAWINGS FOR APPROVAL.
- ENERGEX PADLOCK ON THE METER CUBICAL.
- TWO ENERGEX PADLOCK KEYS AND TWO 92268 KEYS.
- OBTAIN APPROVAL FROM ENERGEX OF THE NEW MSB SHOP DRAWINGS.

### SWITCHBOARD NOTES

PROVIDE DISTRIBUTION BOARDS DB-10, DB-10P AND DB-10L AS FOLLOWS:

- WALL MOUNTED.
- TOP AND BOTTOM ENTRY CABLE ACCESS.
- IP44.
- LIGHT GREY ENCLOSURE WHITE ESCUTCHEON.
- 3 POINT LOCKABLE HANDLES ON ALL DOORS.
- LIFT OFF HINGES ON ALL DOORS AND ESCUTCHEONS.
- 1/4 TURN LATCHES AND D HANDLES ON ALL ESCUTCHEONS.
- ALL SWITCHGEAR TO BE NHP/TERASAKI.
- PROVIDE SHOP DRAWINGS FOR APPROVAL.