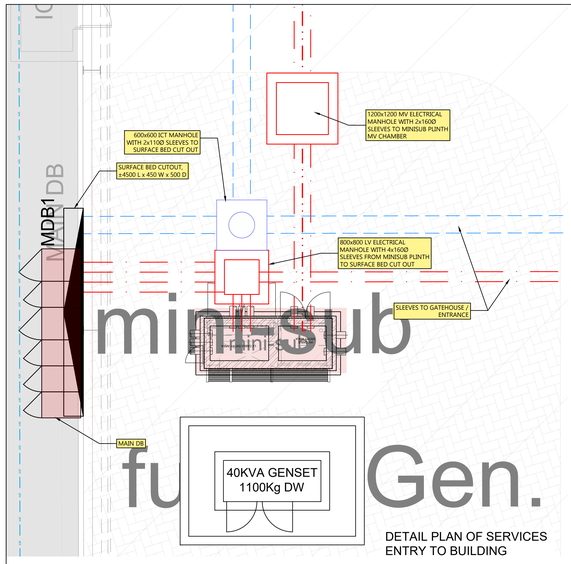
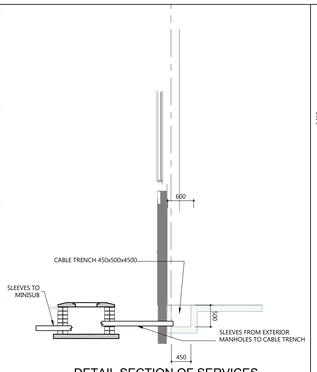


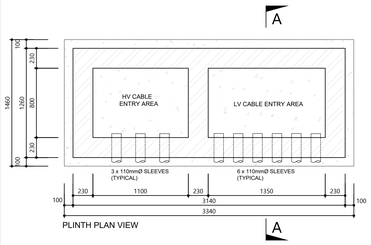
DETAIL PLAN OF SERVICES ENTRY TO BUILDING

SCALE 1:50

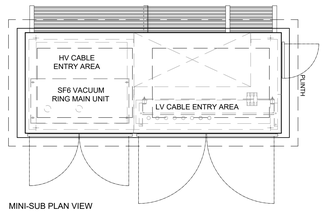


DETAIL SECTION OF SERVICES ENTRY TO BUILDING

SCALE 1:50



PLINTH PLAN VIEW

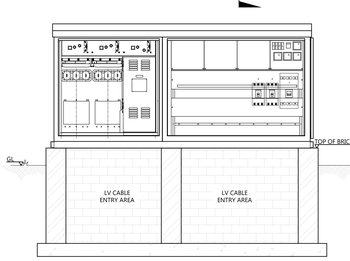


MINI-SUB PLAN VIEW

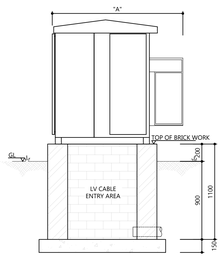
NOTES:
1. MINIATURE SUB-STATION SIZE = 11kV/420 V.
2. MINIATURE SUB-STATION MASS = (SEE TABLE "A")
3. MINIATURE SUB-STATION CHAMBER TO BE BACK FILLED WITH 13mm STONE
4. ALL BRICKWORK TO BE PLASTERED
5. BRICKWORK TO EXTEND 2 COURSES ABOVE NGL

Table "A"

KVA	"A"	Kg
315	1423	1840
400	1461	2015
500	1537	2280
630	1649	2560
800	1507	3000
1000	1680	4200
1250	1750	6600
Approximate weights excl. HV&LV switchgear		



SECTION B-B



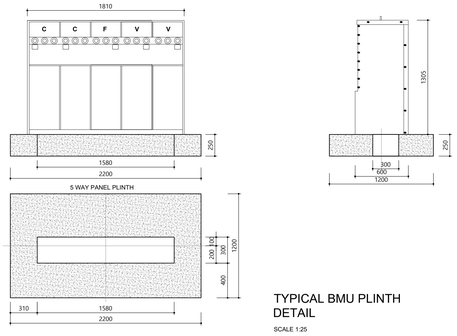
SECTION A-A

TYPICAL MINISUB PLINTH DETAIL

SCALE 1:25

PIPING NOTES

1. FIRE PROTECTION PIPING SUPPLY MAIN TO BE 250Ø SCH 40, GALVANISED
2. FIRE PROTECTION PIPING IN (EARTHEN) TRENCHES TO BE AS FOLLOWS:
   - -Type Class 16
   - -Fully Galvanized, including flanges, nuts, bolts and washers
   - -Complete pipework installation, to be degreased using Piascon - GR1 - Aquaoliv - Degreaser of approved supplier equivalent for Wrapid Bond application
   - -Putty around all flange connections, including bolt cluster for sealed Wrapid Bond installation
   - -Wrapid Bond complete underground pipe installation, to Canusa-CPS specification
3. ALL FIRE PROTECTION PIPING AND INSTALLATION THEREOF TO COMPLY WITH NATIONAL RELEVANT REGULATIONS



TYPICAL BMU PLINTH DETAIL

SCALE 1:25

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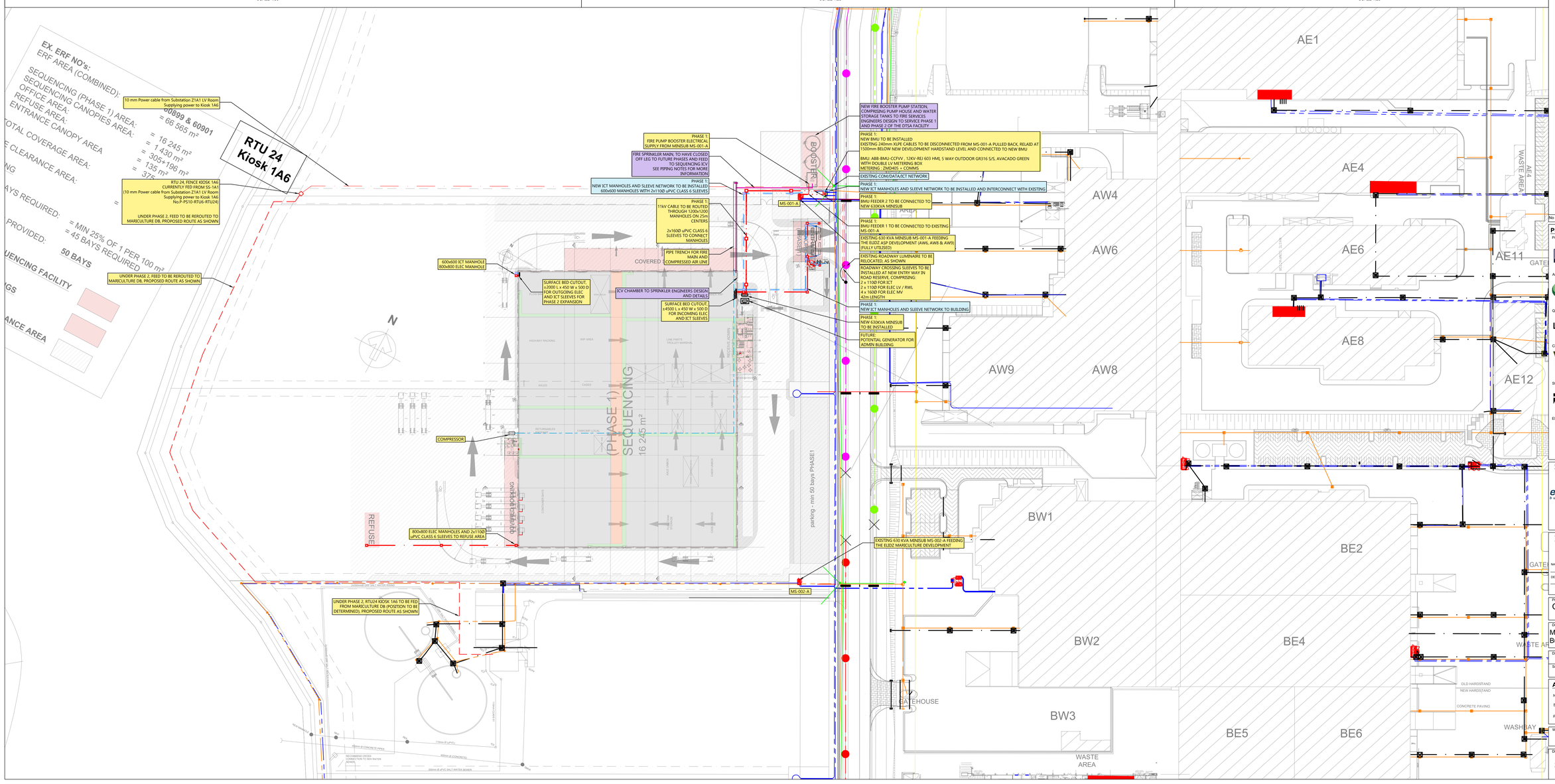
GENERAL NOTE

1. ALL STRUCTURAL, ELECTRICAL, CIVIL AND LANDSCAPING QUERIES ARE TO BE REFERRED TO THE RELEVANT CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS.
2. ALL PLUMBING QUERIES ARE TO BE REFERRED TO THE RELEVANT SPECIALIST CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS
3. ALL BUILDING WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH REFERRED TO PR. STRUCTURAL ENGINEER'S DRAWINGS, SPECIFICATIONS AND DETAILS.
4. ALL BRICKWORK WALLS / INTERNAL WALLS REQUIRING BRACING / STIFFENING ARE TO BE CONSTRUCTED IN ACCORDANCE WITH PR. STRUCTURAL ENGINEER'S DRAWINGS, SPECIFICATIONS AND DETAILS.
5. ALL ROOF CONSTRUCTIONS ARE TO BE IN ACCORDANCE WITH, TO BE REFERRED TO CONSULTANTS DRAWINGS, SPECIFICATIONS AND DETAILS.
6. ALL DESIGN AND CONSTRUCTION TO COMPLY WITH THE RELEVANT SANS CODES.
7. ANY DISCREPANCY IN THE DRAWINGS, DIMENSIONS & SPECIFICATIONS SHALL BE REPORTED TO THE ENGINEER AND THE ARCHITECT PRIOR TO ANY WORK BEING PUT IN HAND.
8. ONLY FIGURED DIMENSIONS TO BE FOLLOWED - SCALED DIMENSIONS OF DRAWINGS WILL NOT BE PERMITTED



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DESIGNATION:

DATE :

Project: OE/001/2022 DTSA

Drawing Title: Masterplan Bulk Electrical, ICT & Fire services

Date	10/10/2024	Drawn	B.M.E.
Scale	1 : 750	Checked	D.P.

Approved

Name: - Reg No: -

Signature: Date:

Practice:

Workstage: For Tender Purposes

Drawing Number: 3244-ELEC-01

Revision: 0

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