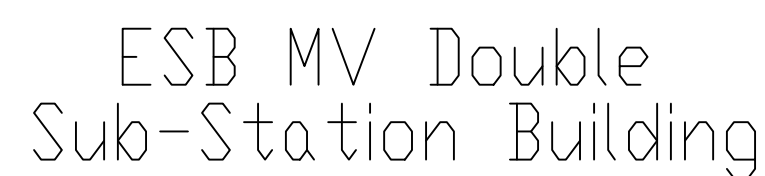


10. DRAWING STRUCTURE.

This drawing is structured in a manner to clearly illustrate the requirements for the building components (foundation, walls, ducting, roof etc.). If in doubt you should contact your ESB representative who will clarify any ambiguity that may arise.

4 THRU 17 MV Detailed drawings and specifications of the build requirement for the Substation Building.



Before work commences be sure to read and fully understand the requirements as detailed in DDC-280518-DFK

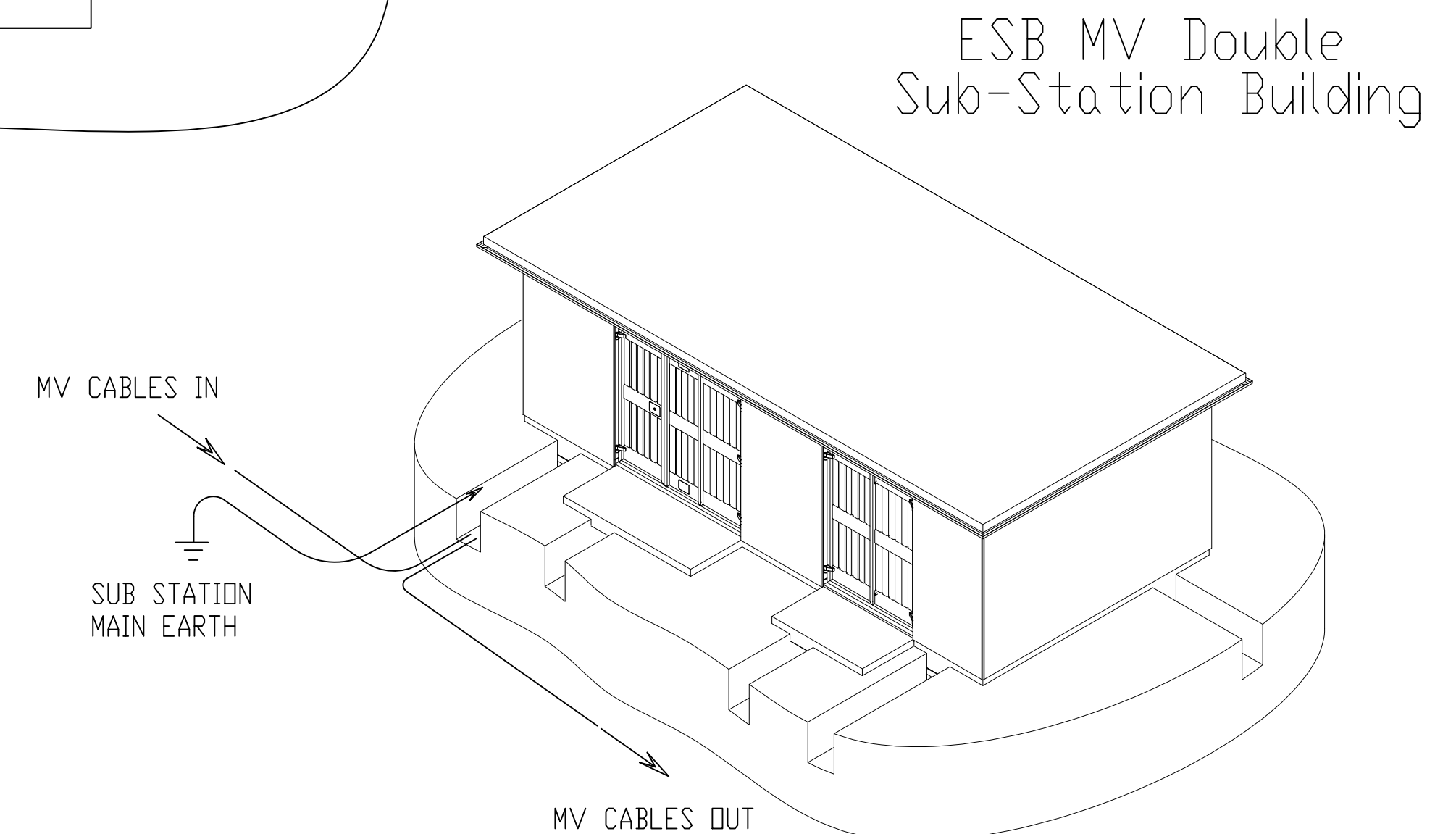
ELEVATIONS

The diagram illustrates a cross-section of a concrete step at a door leading to an MV Substation. The step is 200mm thick and is placed over an ESB approved earth mat. The top of the step is at the doorway level. The step is 100-150mm high. The ground level outside the substation is indicated. The floor level inside the substation is indicated. A weather strip is shown on the door frame. The earth mat and its tail are shown extending from the step.

Labels in the diagram include:

- FFL Inside MV Substation
- Weather strip on door frame
- Top of Step at Doorway to MV Substation
- 50 - 100mm
- 200mm thick concrete step over ESB approved earth mat
- 100 - 150mm
- GL Outside MV Substation
- Earth mat and earth mat tail

Illustrated Above, Requirements for
FFL Inside, Outside Step Level &
Outside Ground Levels.

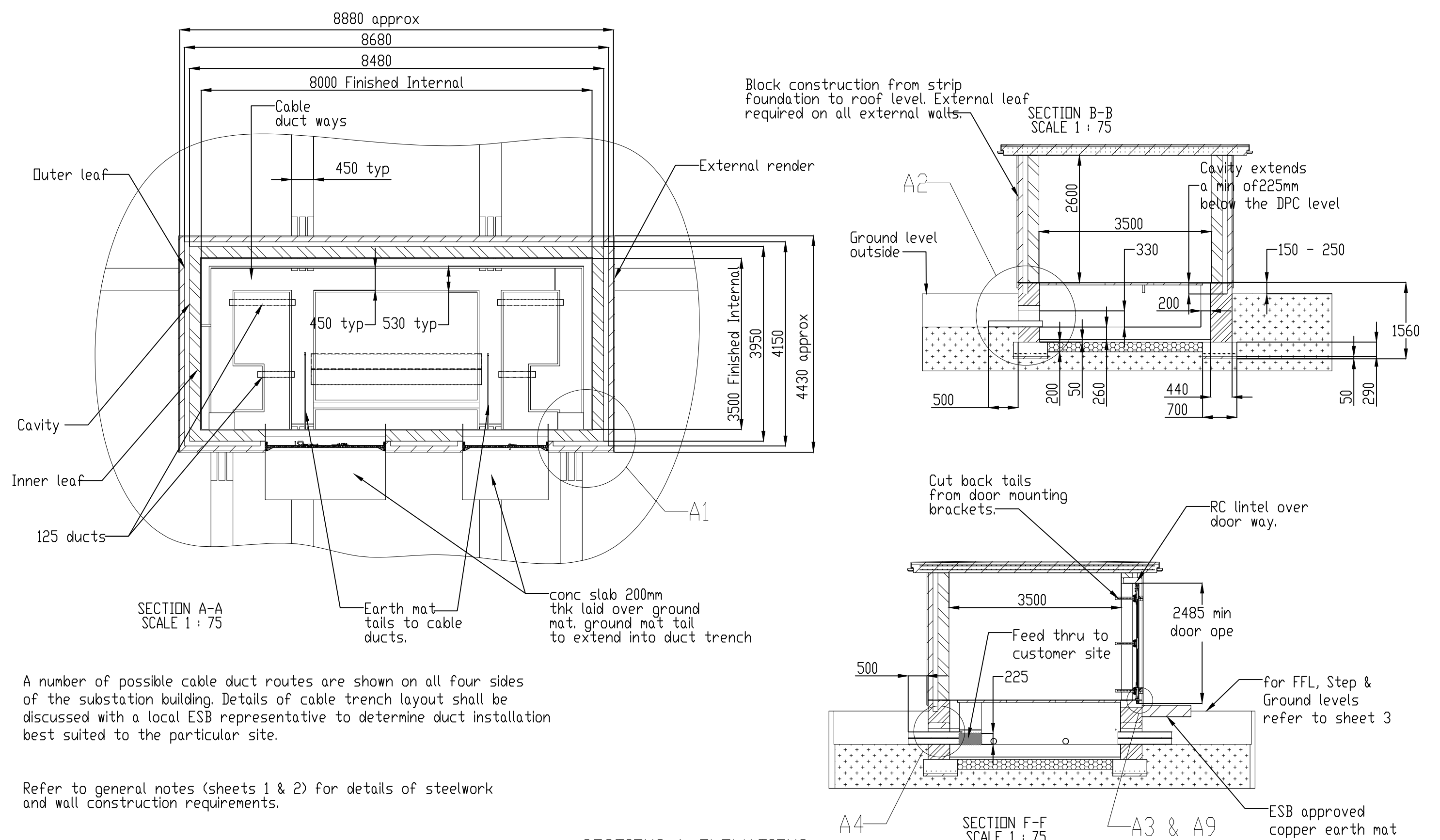


Detail Drawings & Specification for the ESB Substation Building.

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Sht No:	4	-	Elevations.
Sht No:	5	-	Sections & Elevations.
Sht No:	6	-	Sections & Elevations.
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Sht No:	9	-	Site Excavation Details.
Sht No:	10	-	Strip Foundation Details.
Sht No:	11	-	Rising Walls & Duct Dpe's.
Sht No:	12	-	DPC, Ducting & Floor Slab.
Sht No:	13	-	Floor Slab.
Sht No:	14	-	External Walls.
Sht No:	15	-	Roof In Place
Sht No:	16	-	Roof Detail For 'Incorporated MV Substation'.
Sht No:	17	-	Internal / External Finishing Requirements.

OVERVIEW



A number of possible cable duct routes are shown on all four sides of the substation building. Details of cable trench layout shall be discussed with a local ESB representative to determine duct installation best suited to the particular site.

Refer to general notes (sheets 1 & 2) for details of steelwork and wall construction requirements.

SECTIONS & ELEVATIONS

General Notes
A. DO NOT SCALE FROM THIS DRAWING- WORK ONLY FROM FIGURED DIMENSIONS.
B. ALL ERRORS & OMISSIONS TO BE REPORTED TO THE CONSULTING ENGINEER
C. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND STRUCTURAL ENGINEER'S DRAWINGS.
D. REFER TO DOCUMENT REGISTER FOR DESCRIPTION OF STATUS CODES.

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Client	RHONELLEN DEVELOPMENT
Project Title	TEMPLAR PLACE SHD

Drawing Title	ESB DETAILS SHEET 1 OF 4
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Engineering



Revision P01	Project Drawing Reference 20723-VCE-ZZ-XX-DR-E-800		
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