NOTE:
1. WIND LOADINGS - TO BE IN ACCORDANCE WITH THE FOLLOWING AUSTRALIAN STANDARDS:
   - AS1170.4:2007 QUARTER LOADS.
2. ROOF TRUSSES - GALVANISED STEEL, DESIGNED AND CERTIFIED BY MANUFACTURER.
3. EXTERIOR CLADDING - COLOURED IN STRIPED PAINT.
4. FLOORING - CORK SHEETING.
5. FLOORING LAYERS TO BE LAYED IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS.
6. POWER PANEL - COPPER CONDUCTORS WITH 1.5MM² COAT SIZE.
7. DOORS - SINGLE LEAF DOOR.
8. INSULATION RATING - ROOF/INSULATING WALLS RS.
9. EARTHING DETAILS - ACCORDING TO DRAWING ESS-10483-05.
FOOTINGS PLAN
CONTROL BUILDING +2

SCALE 1:25

REFERENCE DRAWINGS
- EESS-10480-01 SINGLE LINE DIAGRAM
- EESS-10480-02 CONTROL BUILDING EQUIPMENT LAYOUT
- EESS-10480-03 CONTROL BUILDING CONSTRUCTION PLANS
- EESS-10480-04 CONTROL BUILDING CONSTRUCTION LONG SECTIONS
- EESS-10480-05 CONTROL BUILDING CONSTRUCTION BUILDING PENETRATIONS
- EESS-10480-06 CONTROL BUILDING LIGHTING LAYOUT
- EESS-10480-07 CONTROL BUILDING POWER LAYOUT
- EESS-10480-08 CONTROL BUILDING FIRE AND COMMS SERVICES LAYOUT
- EESS-10480-09 CONTROL BUILDING EARTHING DETAILS
- EESS-10480-10 CONTROL BUILDING SIGNAGE LAYOUT

UNREDUCED SCALE 1:25
NOTE:
1. FLOOR AND WALL PENETRATIONS ARE ONLY REQUIRED WHEN SWITCHGEAR BUILDING +1 IS BUTTED AGAINST THIS BUILDING.
2. WALL PENETRATIONS ARE ONLY REQUIRED WHEN SWITCHGEAR BUILDING +1 IS BUTTED AGAINST THIS BUILDING.
3. WALL PENETRATIONS ARE ONLY REQUIRED WHEN SWITCHGEAR BUILDING +1 IS BUTTED AGAINST THIS BUILDING.
4. IN RESPECT TO DETAIL A FLOOR PENETRATIONS ARE ONLY REQUIRED WHEN SWITCHGEAR BUILDING +1 IS STAND ALONE.
5. IN RESPECT TO DETAIL A ONE FLOOR PENETRATION ONLY WILL BE REQUIRED WHEN THIS BUILDING IS BUTTED AGAINST SWITCHGEAR BUILDING +1.
6. FLOOR PENETRATIONS ARE ONLY REQUIRED WHEN SWITCHGEAR BUILDING +1 IS STAND ALONE.
7. THE 3 OTHER PENERTRATIONS SHALL BE BLANKED OFF.
8. EXCEPT FOR OVERALL BUILDING DIMENSIONS ALL OTHER DIMENSIONS ARE INTERNAL.
9. UNCONTROLLED COPY
10. TO BE COPIED FOR PROJECT USE.
11. THIS DRAWING IS A ZSS DESIGN TEMPLATE.
12. REFERENCES:
   - SHT.01  CONTROL BUILDING +2 EQUIPMENT LAYOUT
   - SHT.02  CONTROL BUILDING +2 CONSTRUCTION PLAN
   - SHT.03  CONTROL BUILDING +2 CONSTRUCTION FOOTINGS PLAN
   - SHT.05  CONTROL BUILDING +2 CONSTRUCTION LONG SECTIONS
   - SHT.09  CONTROL BUILDING +2 POWER LAYOUT
   - SHT.12  CONTROL BUILDING +2 SIGNAGE LAYOUT

REFERENCES DRAWINGS:
- EESS-10480-01  SINGLE LINE DIAGRAM
- EESS-10483-06-0A.DGN
- EESS-10483-02

SCALE 1:25
SCALE 1:10

DATE: 5/04/2013
Approved
Checked
Drawn

CONSTRUCTION BUILDING PENETRATIONS
ERGON ENERGY SUBSTATION STANDARD
Z6 - 32D ZONE SUBSTATION
1. In situations when the Switchgear building +1 butted against Control building +2 - cable entry shall be via horizontal cable ladder the cables shall penetrate both buildings walls and be suitably glanded.

2. In situations when the Switchgear building +1 is not butted against Control building +2 - cable entry shall coincide with horizontal cable ladder to the appropriate switchgear.

3. All cable ladder shall be sized at a spacing of no greater than 600mm.

4. For cable penetrations on Control building refer drawing EESS-10483-06.

5. Material quantities shall be determined on final design.

6. Notes and callouts are in millimetres. Unless otherwise stated all dimensions, reference drawings, and CAD quote numbers are in millimetres.

7. Copyright This drawing must not be reproduced in part or whole without written permission from Ergon Energy Corporation Ltd.