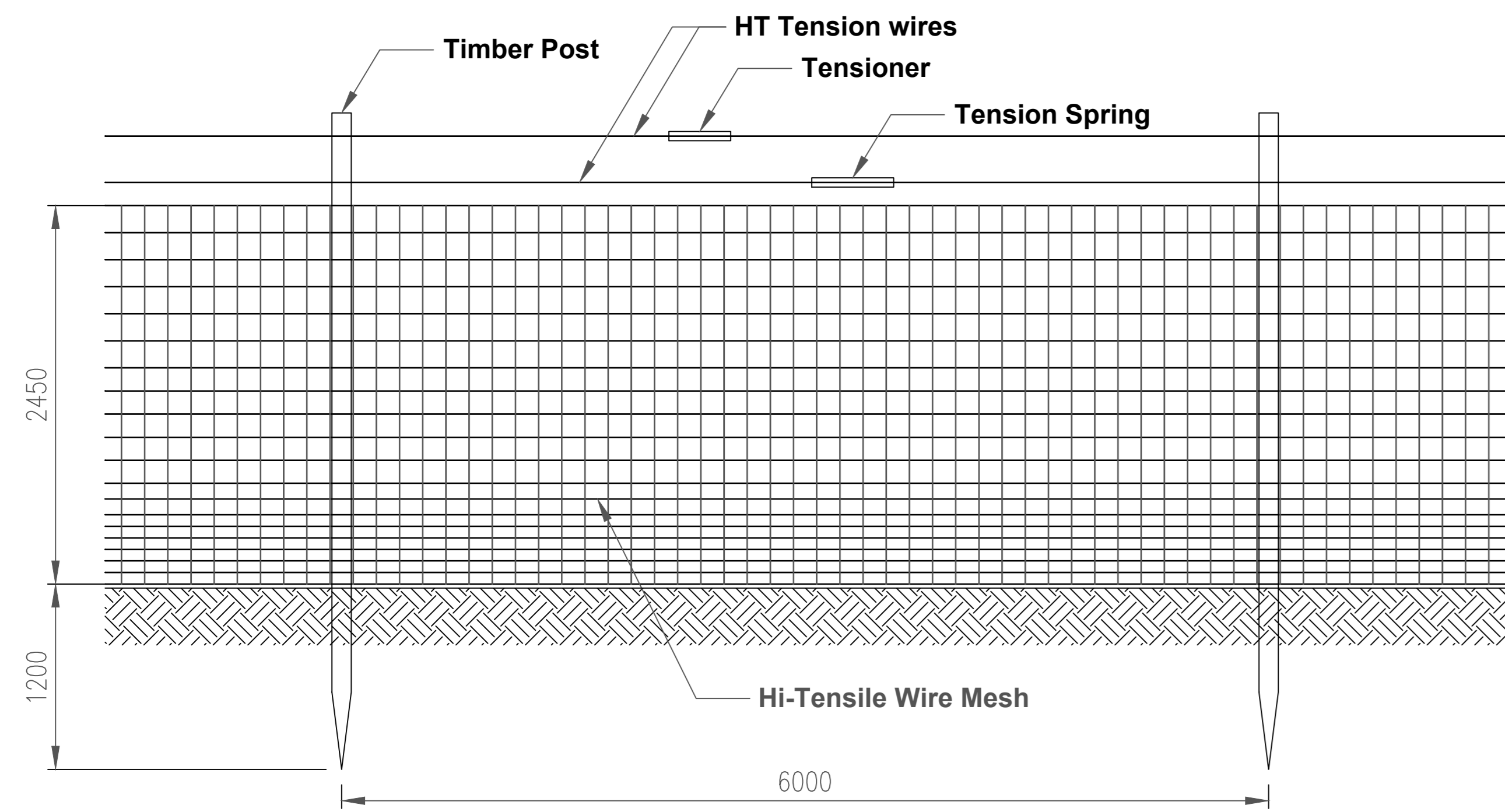


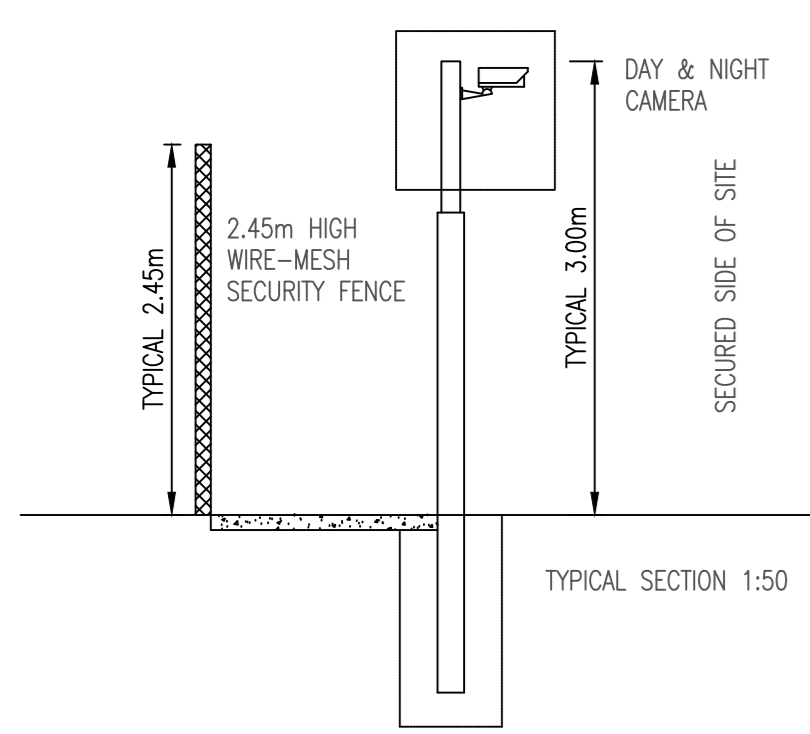
TYPICAL SECURITY DEER FENCE DETAILS



TYPICAL HIGH TENSILE FIXED KNOT FENCING:

1. 2.45M HIGH PRESSURE TREATED TIMBER POSTS AT 6M CENTRES.
2. HIGH TENSILE GALVANISED WIRE TO BS EN 10223 AND BS EN 10244.
3. 20 NO. HORIZONTAL LINES, 2.5MM WIRE, SPACING VARIES BETWEEN 75MM AND 175MM.
4. VERTICAL LINES, 2.5 WIRE AT 150MM CENTRES.
5. HIGH TENSILE TENSION WIRE TO TOP FITTED WITH TENSIONER AND TENSION SPRING.

TYPICAL IMAGE OF DEER FENCE



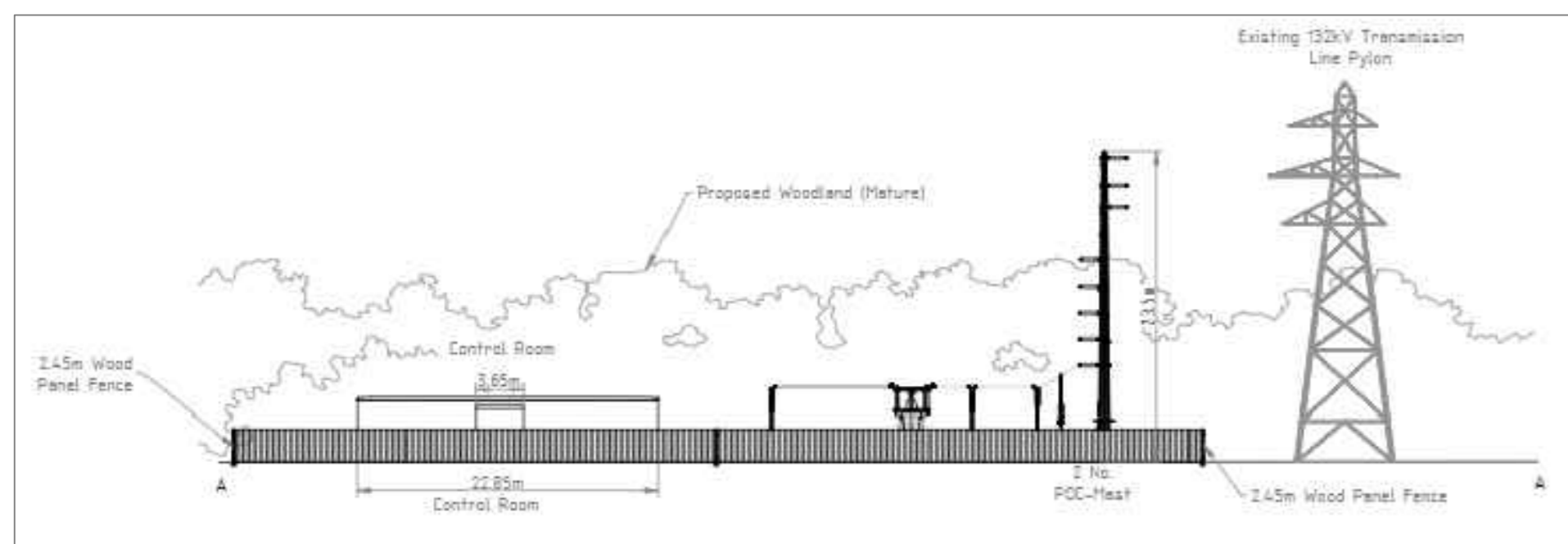
CCTV CAMERA DETAILS
TYPICAL SECTION



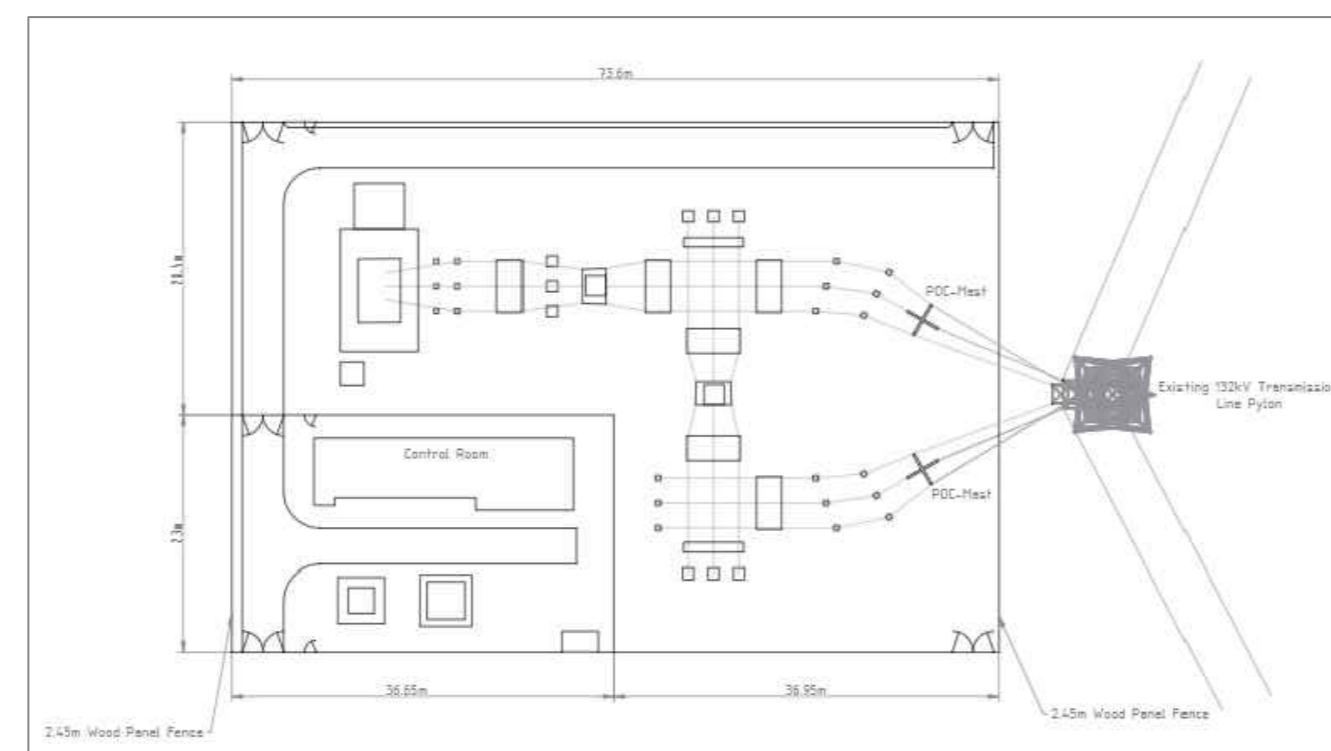
TYPICAL IMAGE OF CCTV CAMERA



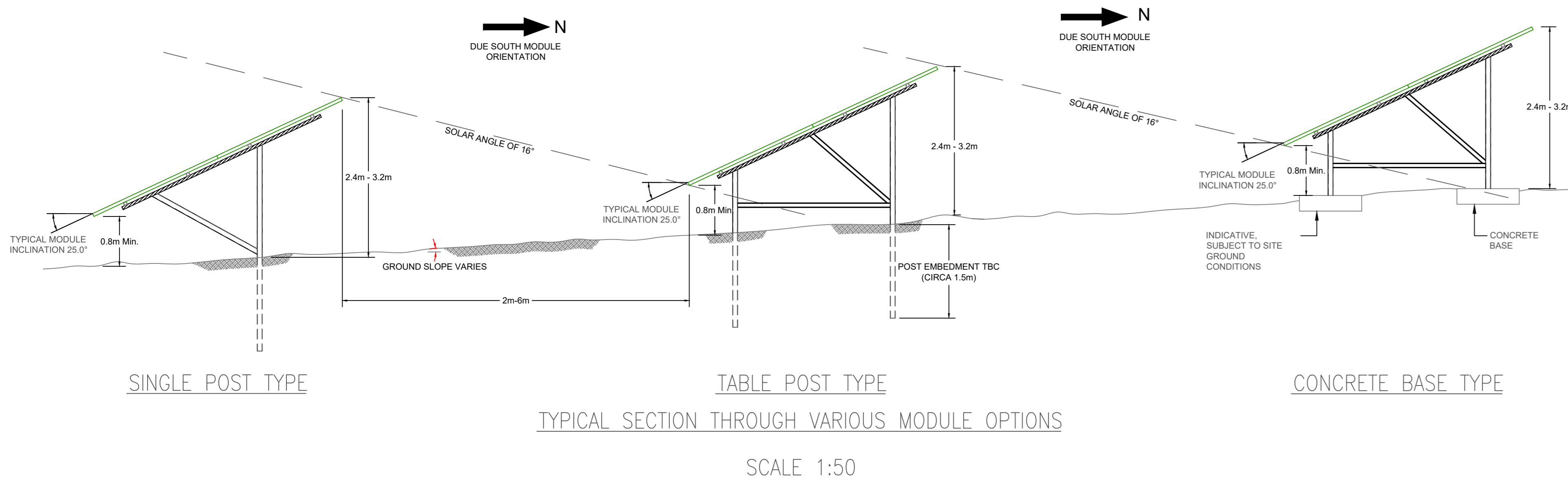
TYPICAL INVERTER SUBSTATION
DIMENSIONS: 7m x 2.5m x 3m HIGH.
ALL SUBJECT TO FINAL DESIGN



TYPICAL 132kv POC MAST AND CONTROL ROOM
ALL SUBJECT TO FINAL DESIGN

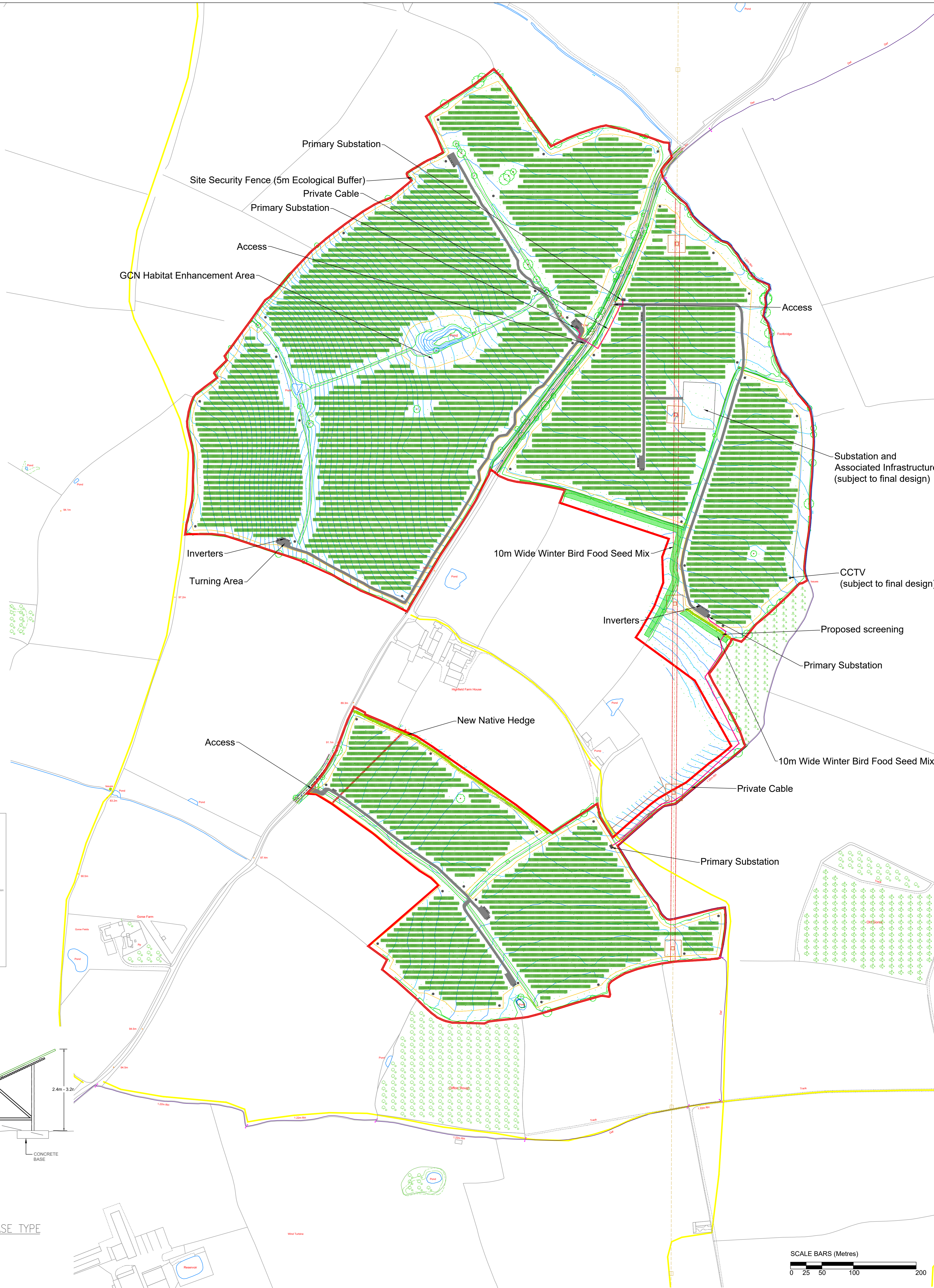


TYPICAL 132kv POC MAST AND CONTROL ROOM
ALL SUBJECT TO FINAL DESIGN



TYPICAL SECTION THROUGH VARIOUS MODULE OPTIONS

SCALE 1:50



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Notes:
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LEGEND

- SITE BOUNDARY
- 2 x 12 = 24 MODULE PANEL (12m)
- 2 x 24 = 48 MODULE PANEL (24m)
- 3.5m ACCESS TRACK
- INVERTER SUBSTATION
- SECURITY FENCE
5m ECOLOGICAL BUFFER
- PROW
- PROPOSED NATIVE HEDGE
- CCTV

- NOTES
1. ARRANGEMENT OF PANELS SHOWN IS BASED ON THE FOLLOWING DATA:
 2. TYPICAL PANEL SIZE = 2.0m x 1.0m APPROX.
 3. PANEL TYPICAL INCLINATION = 20 DEGREES TO HORIZONTAL.
 4. MODULE LENGTH = TYPICAL, SHOWN WITH 50mm GAPS SUPPORTED ON 50mm PITCH-FRAMES.
 5. THE TYPICAL MODULE SECTION SHOWS TWO PANELS IN PORTANT ORIENTATION. THREE PANELS IN CONTACT FOUR PANELS IN LANDSCAPE OR SIX PANELS IN LANDSCAPE MAY ALSO BE REQUIRED. DETAILS ARE SUBJECT TO FINAL DESIGN.
 6. THE CLEAR HEIGHT BETWEEN PANELS REFER TO SECTION.
 7. PANELS AT LOWEST POINT SET AT 100mm ABOVE GROUND LEVEL INCREASING TO 200mm AT HEDGES.
 8. PANELS NOT LOCATED WHERE LAND GRADE EXCEEDS 1 IN 15 IS DEEMED DUE TO EXCESSIVE SLOPE ADJUST.
 9. MINOR IN CLIP/20' BUFFER ALLOWED TO ALL BOUNDARIES.
 10. ACCESS TRACKS TO BE SET AT 3.5m MIN WIDTH, WHEN REQUIRED IN AREAS OF SOFT SPOTS, FINAL LAYOUT AND DESIGN TO BE COMPLETED ONLY PERMISSIBLE MATERIALS TO BE USED.
 11. FOR EXTENT AND TYPE OF SCREENING REFER TO LANDSCAPE AND VISUAL ASSESSMENT REPORT FOR PROPOSAL.
 12. ALL EXISTING HEDGE ROWS AND TREES TO BE RETAINED.
 13. NUMBER AND LOCATION OF INVERTER SUBSTATIONS SUBJECT TO FINAL DESIGN.
 14. LOCATION OF SECURITY FENCE SUBJECT TO FINAL DESIGN.

Rev	Description	By	CB	Date
P	Layout amendments including CCTV and labelling	GG	DW	10/01/22
O	Layout amendments due updated line survey	GG	DW	25/11/21
N	Layout amendments due to tree survey and BNG	GG	DW	22/11/21
M	Layout amendments topo	GG	DW	17/11/21
L	Add private cable	GG	DW	06/09/21
K	Removal of panels by trees	GG	DW	15/07/21
J	Revised bird mix location	GG	DW	01/06/21
I	Revised red line boundary	GG	DW	07/05/21
H	Very small amendments to layout	GG	DW	06/05/21
G	Amendments to layout & additional larger water buffer	GG	DW	05/05/21
F	Amendments to layout and substation name	GG	DW	22/04/21
E	Amendments to red line boundary and layout	GG	DW	12/02/21
D	Addition of winter bird mix area	GG	DW	11/12/20
C	Layout amendments	GG	DW	21/11/20
B	Layout amendments	GG	DW	09/10/20
A	Red line and layout amendments	GG	DW	25/10/19

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Client **ELGIN ENERGY ESCO LTD**

Project **THE THORPE ESTATE SOLAR FARM**

Title **PROPOSED SITE LAYOUT**

Status: DRAFT
Drawn By: GG
PM/Checked by: DW

Job Ref: JPW1425
Scale: @ A0
Date Created: SEPT 2019

RPS Drawing / Figure Number: JPW1425-003
Rev: P

SCALE BARS (Metres)
0 25 50 100 200