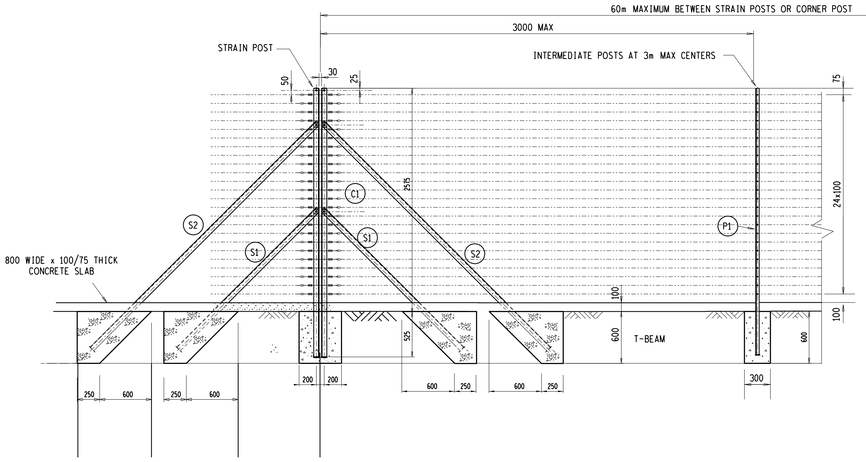
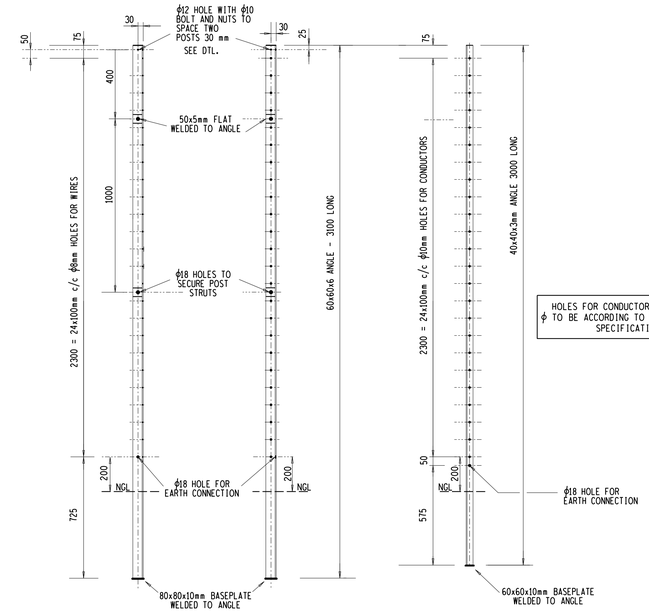


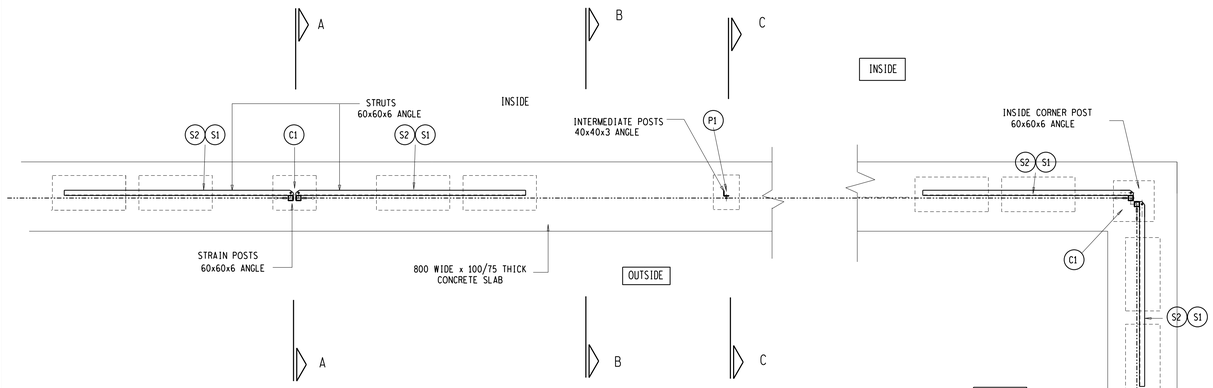
ELEVATION



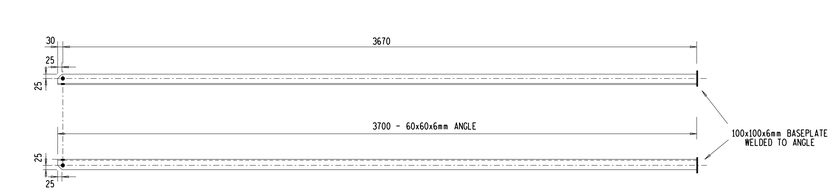
HOLES FOR CONDUCTOR TENSIONERS ϕ TO BE ACCORDING TO MANUFACTURERS SPECIFICATION

STRAIN POST AND CORNER POST (C1)

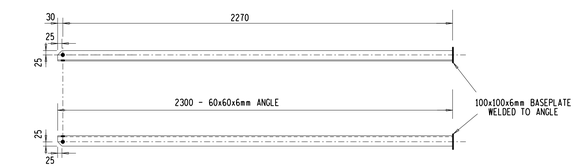
INTERMEDIATE POST (P1)



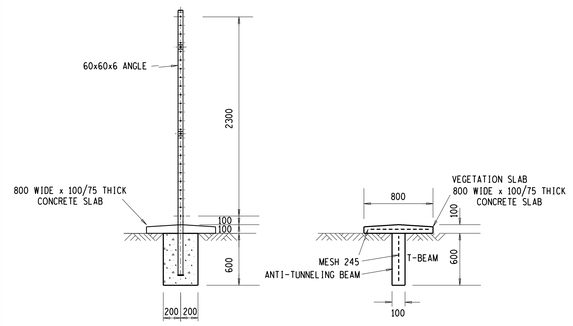
PLAN



POST STRUTS - TOP (S2)



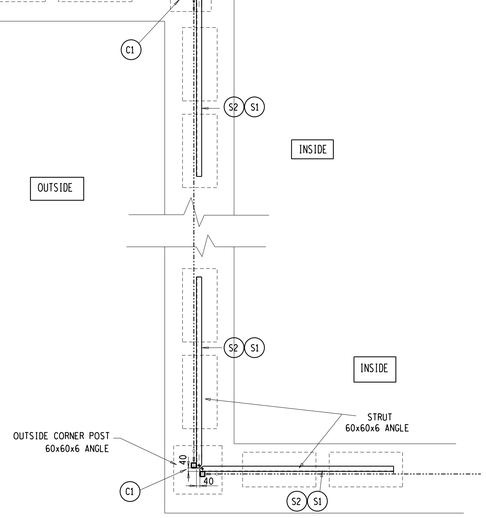
POST STRUTS - BOTTOM (S1)

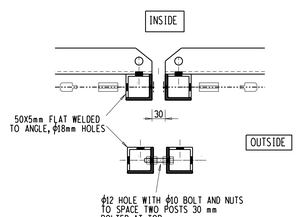


SECTION A-A

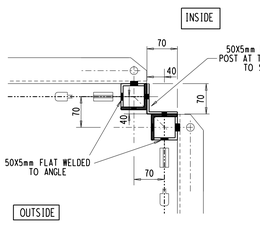
SECTION B-B

SECTION C-C

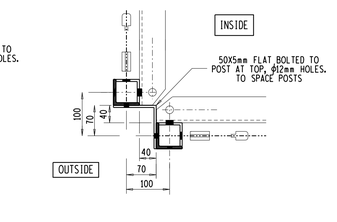




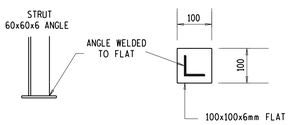
DETAIL 2



DETAIL 3



DETAIL 4



DETAIL 1

NOTES

1. ALL POSTS AND STRUTS TO BE SET IN CONCRETE GRADE 20/19.
2. INTERMEDIATE POSTS TO BE ERECTED EQUALLY SPACED AT 3,0m CRS. MAX.
3. WHEREVER DISTANCES BETWEEN CORNER POSTS EXCEED 60m DOUBLE STRUTTED STRAIN POSTS SHALL BE ERECTED EQUALLY SPACED AT NOT MORE THAN 60,0m CRS.
4. ALL POSTS, STRUTS, ANGLES, BOLTS, NUTS, STRAIN BOLTS, HOOKS, ETC ARE TO BE HOT DIP GALVANISED AFTER FABRICATION IN ACCORDANCE WITH NWS 1404.
5. REPAIRS TO DAMAGED GALVANISING AND UNTREATED STEELWORK TO BE IN ACCORDANCE WITH NWS 1404.
6. ALL CONDUCTOR WIRES, HT CABLES, INSULATOR CABLES AND FERRULES TO BE IN ACCORDANCE WITH ESKOMS STANDARD SPECIFICATION (240-78980848) FOR NON-LETHAL ENERGISED PERIMETER DETECTION SYSTEM.
7. GRADIENT TO BE CONSTANT BETWEEN STRAIN POINTS.
8. SIZE OF HOLES FOR CONDUCTOR WIRE SUPPORTS AND CONDUCTOR TENSIONERS TO SUIT MANUFACTURERS REQUIREMENTS.
9. THIS DRAWING TO BE READ IN CONJUCTION WITH THE SECURITY FENCE LAYOUT.
10. FOUNDATION SIZES ARE BASE ON A SOIL WITH THE BEARING CAPACITY OF 150 kPa. PER m^2. IF POOR SOIL CONDITIONS OR ROCK IS ENCOUNTERED, THE ENGINEER MUST BE NOTIFIED.

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS
5	POSTS, STRUTS AND FENCE MODIFIED	DJC.S.	BJL	A.M.	25.05.2018	
4	ANTI-TUNNELING SLAB REPLACED	DJS	DBN	A.M.	24.11.2017	
3	ANTI-TUNNELING SLAB REMOVED	PVG	DBN	DJS	4/8/2016	
2	DETAILS OF STRUTS ADDED	PVG	PG	PG	4/4/2014	5633 INNER FENCE DETAIL
1	CORNER POST MODIFIED	PVG	PG	PG	4/9/2013	8725 OUTER FENCE DETAIL
0	FIRST ISSUE					Tx10 SLIDING GATE

APPROVED BY: DJS	Eskom
DATE: 24/02/2012	ESKOM HOLDINGS LIMITED REG No 2002/015521/06
CHECKED BY: PG	NON-LETHAL FENCE
DATE: 27/02/2012	PLAN , SECTIONS AND DETAILS
DRAWN BY: PVG	©
DATE: 24/02/2012	SHEET NUMBER: 0.54/8282 — REVISION: 0 5
SCALE 1:25	SIZE: A0 GROOTTE