

WHERE FENCE RUNS PARALLEL TO AND WITHIN AN EASEMENT, ISOLATION PANEL TO BE INSTALLED 25m FROM TRANSMISSION LINE STRUCTURE. ALL PANELS OF FENCE TO BE EARTHED AT EACH SIDE OF ISOLATION PANELS AS PER TYPICAL DETAIL

ISOLATION PANELS TO BE INSTALLED AT ENTRY AND EXIT OF EACH EASEMENT. ALL PANELS OF FENCE TO BE EARTHED AT EACH SIDE OF ISOLATION PANELS AS PER TYPICAL DETAIL

LEGEND

- PERIMETER FENCE LINE
- TRANSMISSION LINE EASEMENT
- ISOLATION PANEL

NOTES:

1. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH CRESCO DESIGN DWG FILE (1100-05-MFG-ENG-DWG-STR-0014_V2)
2. ALL FENCING GATES & POSTS TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH LATEST EDITION OF AS1725.1.
3. ALL POSTS, RAILS, STAYS AND BRACING RAILS SHALL COMPLY WITH AS/NZS 1163 STRENGTH GRADE 250 MPa AND OR AS1074, EN 10255 STRENGTH GRADE 195 MPa.
4. ALL PIPING TO BE GALVANIZED TO CLASS HDG350, IN ACCORDANCE WITH AS4792.
5. CHAIN WIRE MESH (65 g/m²) to be 50mm PITCH DIAMOND PATTERN SECURITY FENCING MESH 2.5mm DIAMETER LIGHT DUTY GALVANIZED WIRE IN ACCORDANCE WITH AS2423.
6. ALL TIE WIRE SUPPORT CABLES AND SUPPORT CABLES TO BE IN ACCORDANCE WITH AS1725.1.
7. ALL SURPLUS SPOIL FROM POST HOLES TO BE REMOVED FROM SITE LEAVING AREA CLEAR OF OBSTRUCTION.
8. THEY SHALL HAVE THE CHARACTERISTICS AS FOLLOWS:

- A. NORMAL FENCES HEIGHT: 1.8m (CHAIN WIRE) + 0.55m AT TOP (BARBED WIRE - 3 ROWS)
- B. CHAIN WIRE MESH (65 g/m²)
- C. TENSILE GALVANIZED WIRES AT TOP, BOTTOM AND MIDDLE OF MESH.
- D. HOT DIP GALVANIZED STEEL PIPE POSTS: EVERY 3.3m.
- E. STRAINER POST WITH DIAGONAL BRACING EVERY 150m OR CHANGE OF DIRECTION (30 DEGREES)

ISOLATION PANELS TO BE INSTALLED AT ENTRY AND EXIT OF EACH EASEMENT. ALL PANELS OF FENCE TO BE EARTHED AT EACH SIDE OF ISOLATION PANELS AS PER TYPICAL DETAIL

ACCESS GATE TO TRANSGRID YARD

INDICATIVE LOCATION OF SUBSTATION SECURITY FENCE (NOT INCLUDED IN THIS DESIGN)

CENTRE OF MAIN ACCESS GATE:
491026.3207, 6023843.8172

ACCESS GATES

EMERGENCY ACCESS GATES

IF TRANSMISSION LINE STRUCTURES ARE LOCATED WITHIN 25m OF FENCE LINE, ISOLATION PANELS MUST BE INSTALLED AT ENTRY AND EXIT OF EACH EASEMENT. ALL PANELS OF FENCE TO BE EARTHED AT EACH SIDE OF ISOLATION PANELS AS PER TYPICAL DETAIL.

IF NO STRUCTURES ARE LOCATED WITHIN 25m OF FENCE LINE, ISOLATION PANELS ARE NOT REQUIRED, HOWEVER FENCE PANELS MUST BE EARTHED AT ENTRY AND EXIT OF EACH EASEMENT.

1 OVERALL SITE PLAN
N.T.S

S01 - OVERALL SITE PLAN



REV.	DATE	DESCRIPTION	DRWN	CHKD.	APPR.
3	22.11.2024	ISSUED FOR CONSTRUCTION			
2	29.10.2024	ISSUED FOR CONSTRUCTION			
1	22.10.2024	ISSUED FOR CONSTRUCTION			
0	04.10.2024	ISSUED FOR CONSTRUCTION			
A	19.09.2024	ISSUED FOR CLIENT REVIEW			

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DRAWING INFO	
DWG. No.	1100-05-MFG-ENG-DWG-STR-0014_CRE
SHEET NUM.	1 of 1
DRAFTED BY	ROE
CHECKED BY	VMC
APPROVED BY	SJL
DATE	22.11.2024

OVERALL SITE PLAN