

Legends

Factory:	
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No	ITEM	SPECIFICATIONS
9	CONCRETE FOOTING	CONCRETE FOOTING 40CM X 40CM AND A HEIGHT OF (80&60)CM.
10	BOULDER STONES	BOULDER STONES MASONRY 300CM X 300CM X 20CM.

1- * ON CORNER POSTS: FIVE GALVANIZED TIE WIRES FRO THE MESH 2.5MM THICK ON EACH POST, PLACED AT INTERVALS OF 50CM, WITH ONE WIRE AT THE TOP AND ANOTHER AT THE BOTTOM.
* ON GATE FRAME: FOUR GALVANIZED TIE WIRES, 2MM THICK, ARE TO BE INSTALLED ON EVERY SIDE OF OUTER GATE FRAME AND BRACING PIPE AT EQUAL DISTANCES.

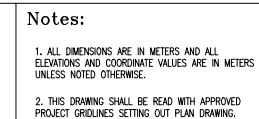
2- THE CLEARANCE DISTANCE BETWEEN THE GATE AND THE GROUND SHOULD NOT EXCEED 10CM..



Drawing Tittle: Fence Drawing

SCALE		DWG NO.		Page NO.	
Drawn By:		Checked By:		Approved By:	
MA					
Date: 1404-2026					
REVISIONS					
ZONE	REV	DESCRIPTION		DATE APPROVED	
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Side View



Factory:



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
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NOTES:

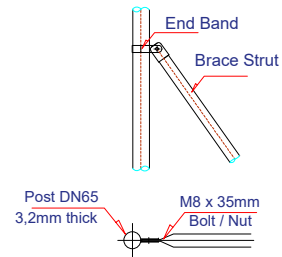
- 1- SPACING BETWEEN THE FENCE MESH BOTTOM AND THE GROUND MUST NOT EXCEED 5 CM, OTHERWISE THE GAP MUST BE FILLED USING STONES WITH CEMENT MORTAR FROM INSIDE & OUTSIDE
- 2- MAXIMUM SPACING OF TENSIONING BETWEEN TWO POSTS IS 70M.
- 3- ALL WELDING JOINTS MUST BE COATED WITH TWO LAYERS:
A- PRIMER ZINC RICH B- FINISH LAYER, SILVER COLOR
- 4- THE CONTRACTOR MUST TIGHTEN THE FENCE USING AN APPROPRIATE PULLING TOOL AS SHOWN IN THE DETAIL-C PG. NO. S-2.
- 5- THE CONTRACTOR MUST TIE THE MISH (AFTER TENSIONING) ON THE TENSION WIRE THROUGH THE TOP, MIDDLE, AND BOTTOM OF THE MESH USING 2 MM GALVANIZED WIRES EVERY 2 METERS, PLS. REFER TO DETAIL-D.
- 6- FIVE GALVANIZED TIE WIRES FROM THE MESH, 2.5 MM THICK ON EACH POST, PLACED AT INTERVALS OF 50 CM, ONE WIRE AT THE TOP AND ANOTHER AT THE BOTTOM.
- 7- CONCRETE FOOTING SHALL BE CAST AGAINST THE EXCAVATED FACE OF THE SOIL.

Side View

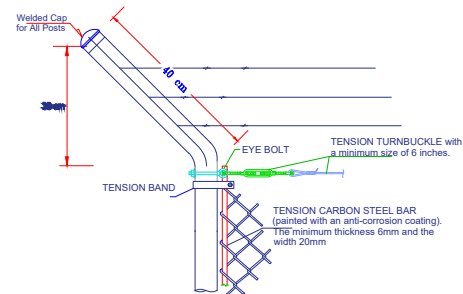
6	CORNER POST	GALVANIZED PIPE, DN65 (2.5INCHES), 3.2MM
7	STRUT POST	GALVANIZED PIPE IN TWO DIRECTIONS, DN40 (1.5 INCHES) THICKNESS 2.8MM.
8	ANCHORING PIECE	ANGLE MINIMUM 20X20X3 MM WITH LENGTH OF 200 MM
9	CONCRETE FOOTING	CONCRETE FOOTING 45CM X 45CM AND A HEIGHT OF 75 CM.

6- FIVE GALVANIZED TIE WIRES FROM THE MESH, 2.5 MM THICK ON EACH POST, PLACED AT INTERVALS OF 50 CM, ONE AT THE TOP AND ANOTHER AT THE BOTTOM.

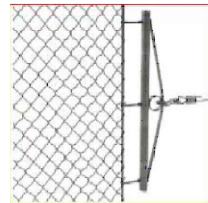
7- CONCRETE FOOTING SHALL BE CAST AGAINST THE EXCAVATED FACE OF THE SOIL.



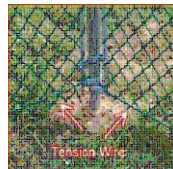
DETAIL-A
BRACE STRUT



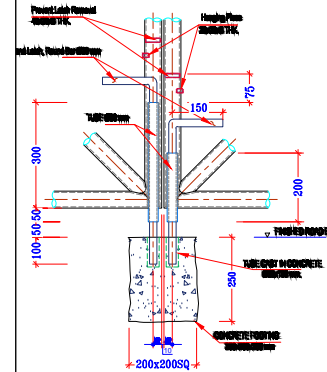
DETAIL-B
CORNER POST



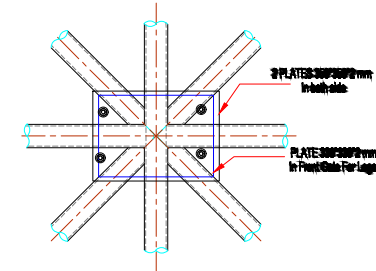
DETAIL-C
FENCE TIGHTEN



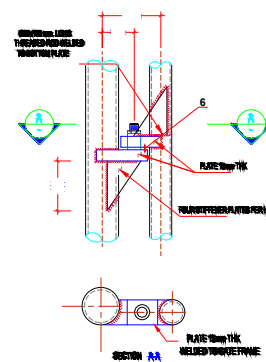
DETAIL-D
EXAMPLE PHOTO FOR TENSION WIRE,
TENSION BAR AND CLAMPS



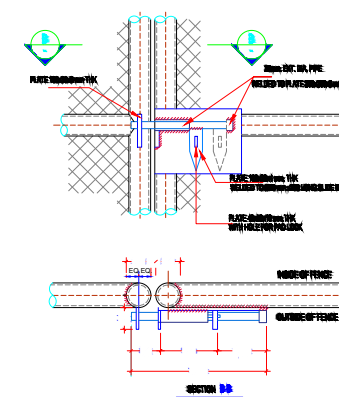
DETAIL-1



DETAIL-2



DETAIL-3



DETAIL-4

Notes:

1. ALL DIMENSIONS ARE IN METERS AND ALL ELEVATIONS AND COORDINATE VALUES ARE IN METERS UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHALL BE READ WITH APPROVED PROJECT GRIDLINES SETTING OUT PLAN DRAWING.

Legends

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Fence Drawing

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Connection Detail