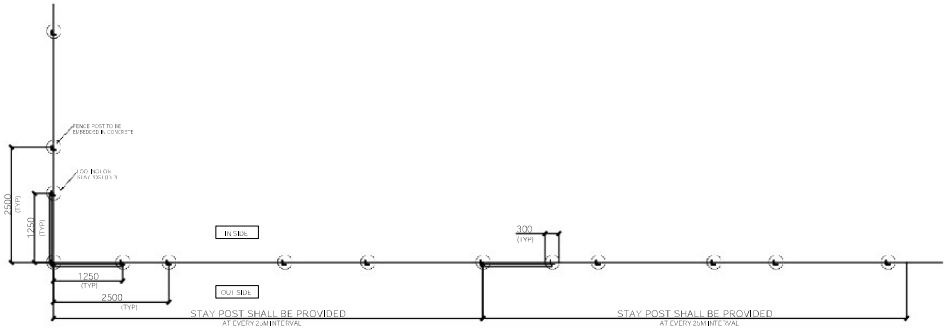
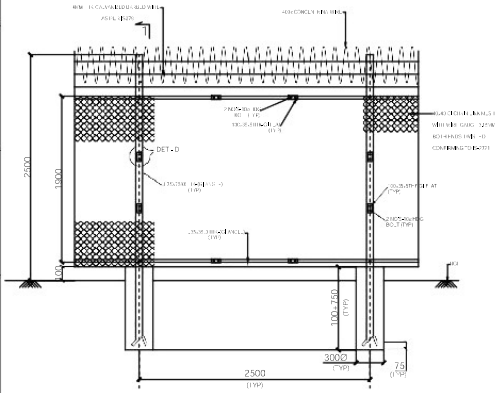
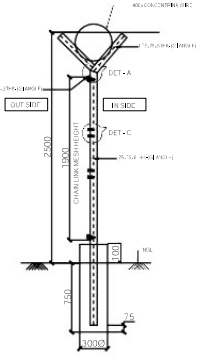


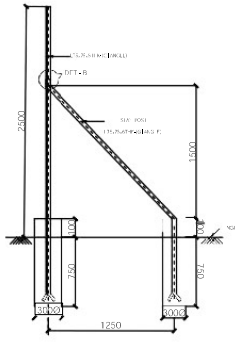
PLAN OF FOUNDATION



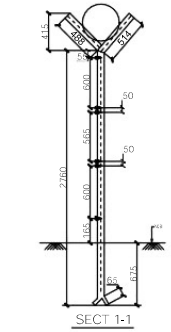
ELEVATION FOR BOUNDARY FENCING



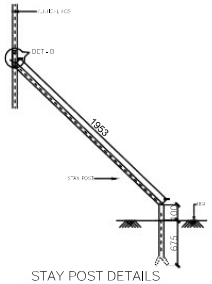
SECT 1-1



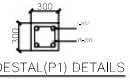
STAY POST DETAILS



SECT 1-1

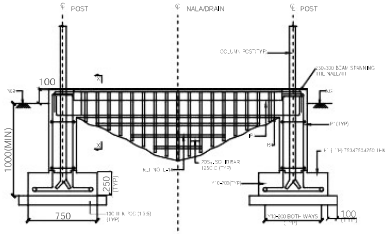


STAY POST DETAILS

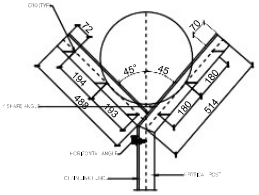


PEDESTAL(P1) DETAILS

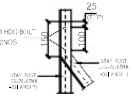
SECT X-X (B1 230x300)



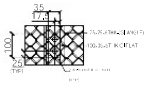
TYPICAL DETAILS AT NALLAH CROSSING/POND



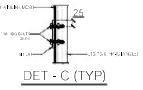
DET-A (TYP)



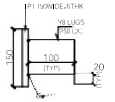
DET - B (TYP)



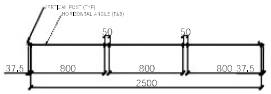
DET - D (TYP)



DET - C (TYP)



DETAILS OF IP-1



HORIZONTAL ANGLE DETAILS

LEGEND

PCC	——	PLAIN CEMENT CONCRETE
NGL	——	NATURAL GROUND LEVEL
DET	——	DETAIL
TYP	——	TYPICAL
HDG	——	HOT DIP GALVANIZED
GI	——	GALVANIZED IRON
E.W	——	EQUAL
T&B		TOP & BOTTOM

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATION IN METERS.
2. ALL STRUCTURAL STEEL WORKS SHALL CONFORM TO IS:2062 GRADE-E250.
3. ALL DIMENSIONS TO BE CHECKED BEFORE FABRICATION OF STEEL WORK.
4. GALVANIZATION ON WIRES SHALL CONFORM TO IS:4826 HEAVY DUTY.
5. GALVANIZATION THICKNESS SHALL BE 80 MICRONS MIN.
6. TOP OF FENCE SHALL FOLLOW THE NATURAL CONTOUR OF LAND.
7. BARBED WIRE SHALL BE OF MINIMUM 4MM DIA AND OF APPROVED MAKE, IT SHALL CONFORM TO IS:278.
8. THE BARBED WIRES SHALL BE INSERTED IN THE SLOTTED HOLE AND BINDED WITH BINDING WIRES.
9. TWO STAY POST SHALL BE PROVIDED AT EVERY CORNER COLUMN POST AND WHEREVER CHANGE IN ELEVATION/LEVEL.EVERY TENTH INTERMEDIATE POST SHALL BE PROVIDED WITH A STAY POST.
10. GRADE OF CONCRETE SHALL BE M20 (1:1.5:3) WITH 20MM NOMINAL SIZE GRADED AGGREGATES AS PER IS:456.
11. ALL REINFORCEMENT SHALL BE HIGH STRENGTH TMT BARS OF GRADE FE500D CONFORMING TO IS:786.
12. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS:
    FOOTING - 50MM, COLUMN - 40MM & BEAM - 25MM.
13. HOLE DIAMETER SHALL BE 2MM LARGER THAN BOLT DIA.
14. A GRILL OF 20MM SQ. SOLID MS BAR WELDED TO IP1 AT SPACING OF 125MM C/C, WITH 20SQ HORZ.BARS OR 35MMX5MM THK FLAT WELDED TO VERTICAL SQ BARS AT SUITABLE INTERVALS (MIN. 3 NO OF THE BARS/FLATS) SHALL BE PROVIDED IN LIEU OF 10E WALL.
15. HEIGHT OF THE VERTICAL SQ SOLID MS BAR WILL VARY BASED ON ACTUAL NALLAH/DRAIN DEPTH.
16. POST ON EITHER SIDE OF NALA SHALL BE SUPPORTED WITH PEDESTAL & FOOTING ARRANGEMENT WITH A BEAM SPANNING ACROSS THE NALLAH/POND TO SUPPORT THE GRILLAGE AS SHOWN.
17. THE FOUNDATION OF THE STAY POSTS SHALL BE OF THE SAME SIZE AS THAT OF THE MAIN POSTS.
18. THE CHAIN LINK MESH FABRIC SHALL BE FIXED AT THREE POINTS EACH TO THE TOP AND BOTTOM EDGE ANGLES USING 100.35x5 GI FLATS.
19. ALL MS PART SHALL BE PAINTED WITH 2 COATS OF EPOXY PAINT OVER 2 COATS OF ZINC CHROMATE PRIMER.
20. ALL WELDS SHALL BE 6MM THICK UNO.
21. THREE NOS., OF 4MM THICK BARBED WIRES SHALL BE FIXED TO EACH ARM OF THE Y-SHAPED ANGLE SUPPORTS, ALONG WITH 400MM DIAMETER GI CONCERTINA WIRE.
22. SPACING BETWEEN BOTTOM OF FENCE AND GROUND LEVEL SHALL NOT BE MORE THAN 100MM.

PROJECT CODE:					
PROJECT:					
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MM.					
TOLERANCES:					
NO D.P.	ONE D.P.	TWO D.P.	ONE D.P.	SCALE: NTS	

CHAIN LINK FENCE DRAWING

DRAWN	CHKD.	APPR.	SHEET
DATE	DATE	DATE	REV.
PART/DWG NUMBER-			SHEET SIZE A1