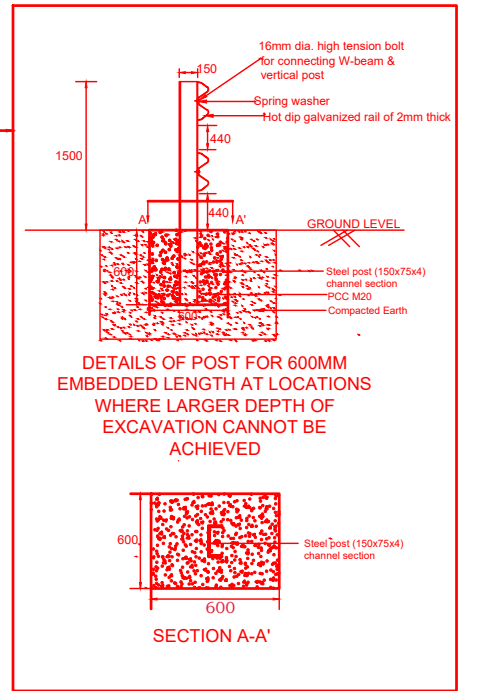
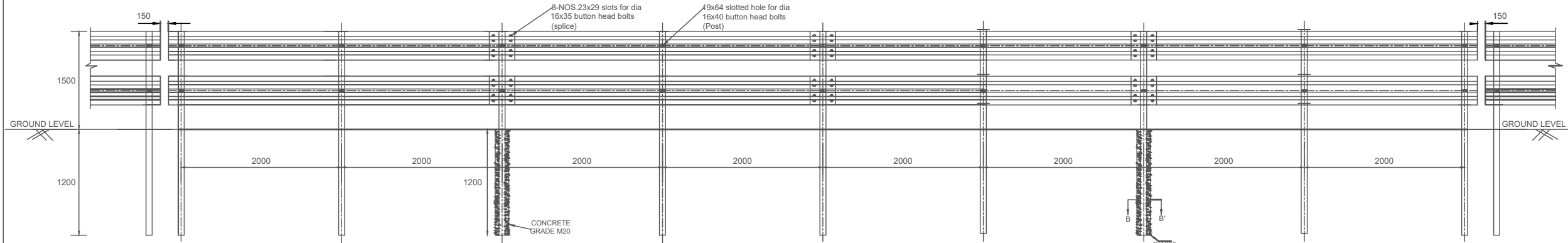


DETAILS OF POST



SECTION A-A'



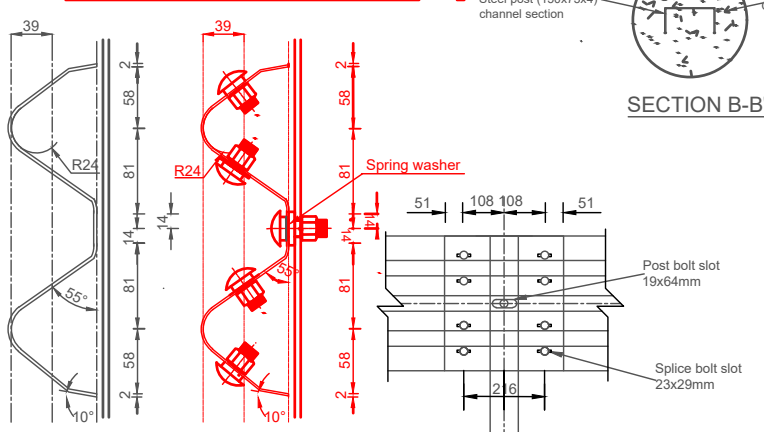
SECTION A-A'  
(TYPICAL ARRANGEMENT FOR 16M LENGTH)

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. ALL PUNCHING DIMENSIONS UNLESS OTHERWISE STATED  $\pm 1$ MM.
3. FOR GUARD RAIL BEAMS, POSTS & SPACER MATERIAL SHALL CONFORM TO IS 10718, GRADE II IS 808, IS 2062 & IS 5986.
4. THE OVER LAPPING OF THE GUARD RAIL BEAM SHALL BE ACHIEVED USING SUITABLE SIZE WASHERS.
5. W-BEAM GUARD RAIL ARE TO BE FABRICATED & INSTALLED AS PER SECTION 811 OF MORTH SPECIFICATION FOR METAL BEAM CRASH BARRIER.
6. THE "W" BEAM, THE POST, THE FASTENERS SHALL BE GALVANIZED AS PER IS 4759 BY HOT DIP PROCESS(ZINC COATED WITH 0.55 KG/ PER SQUARE METER, MINIMUM, SINGLE SPOT).
7. THE GALVANIZING ON ALL OTHER STEEL PARTS SHALL CONFORM TO IS: 4759.
8. MINOR VARIATION IN C/C DISTANCE OF POST & DEPTH BELOW GROUND AS PER SITE CONDITION MAY BE APPROVED BY ENGINEER REPRESENTATIVE/ENGINEER-INCHARGE.
9. DRILLING FOR CONCRETING OF TWO PILLAR IN TYPICAL 16 PILLAR ARRANGEMENT AS SHOWN IN SECTION A-A' SHALL BE DONE BY AUGER BORING.
10. ARRANGEMENT OF FIXING OF BEAM & PILLAR SHOULD BE MADE ANTI-THEFT.
11. GAP OF 150MM TO BE PROVIDED AT 16M FOR ELECTRICAL ISOLATION AS SHOWN IN TYPICAL ARRANGEMENT "A". THE LENGTH MAY VARY AS PER SITE CONDITIONS SUBJECT TO MAXIMUM OF 16M.
12. GRADE OF STEEL FOR W-BEAM SHOULD BE OF IS 5986 GRADE -205 OR EQUIVALENT AND GRADE OF STEEL FOR CHANNEL SECTION POSTS SHOULD BE OF IS 5986 GRADE-355 OR EQUIVALENT..

13. BACKFILL SHALL BE PROPERLY COMPACTED AROUND THE FOUNDATION OF VERTICAL POST.
14. CONCRETING OF FOUNDATION SHALL BE DONE AT EACH VERTICAL POST FOR LOCATIONS HAVING 600MM EMBEDDED LENGTH.

SPLICE/POST BOLT AND NUT(ALT.1(a))



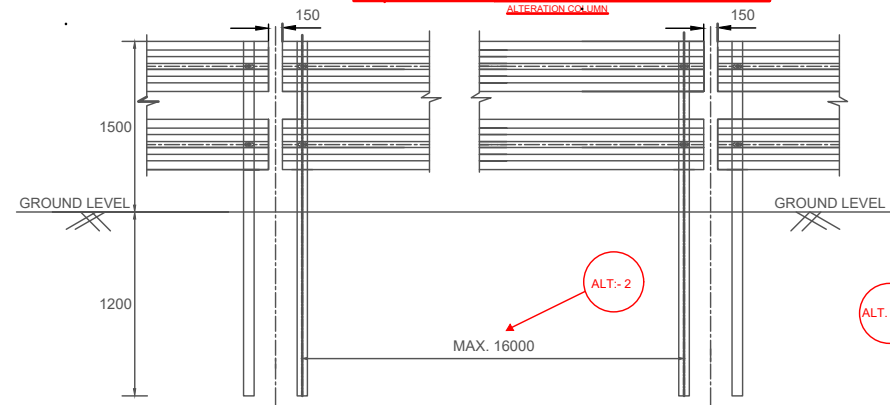
SECTION B-B'

TYPICAL CROSS-SECTION  
OF GUARD RAIL BEAM

BOLT NUT  
ASSEMBLY  
(ALT.-1(a))

BEAM SPLICE

SPLICE WASHER



TYPICAL ARRANGEMENT "A"

Signature block	
DYCE-DESIGN-CCG	HIMANSHU SHARMA
XEN-DESIGN-CCG	TANUJ GUPTA
SSE-DESIGN-III-CCG	SHAILESH SHEKHAR SHETTY

TYPICAL DETAIL OF  
W-BEAM TYPE METAL FENCING

PED/CE(P)	RB	DIR CE(PLG.)	RB
DYCE-DESIGN-CCG	WR	XEN-DESIGN-CCG	WR
SSE-DESIGN-CCG	WR	SHAILESH SHEKHAR SHETTY	