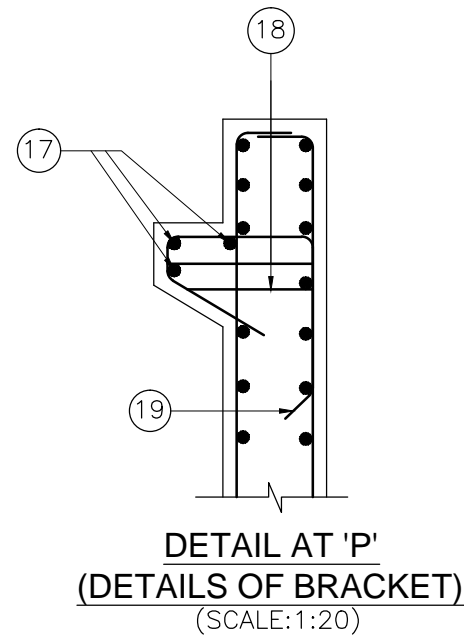
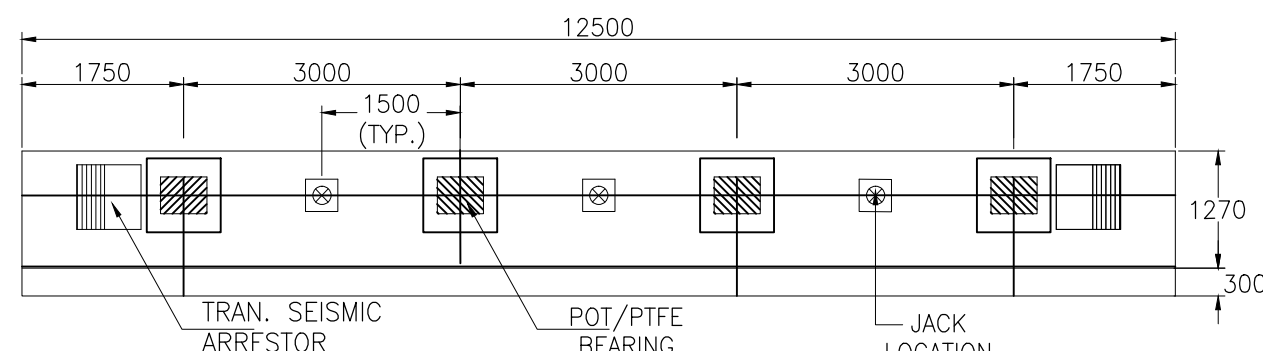


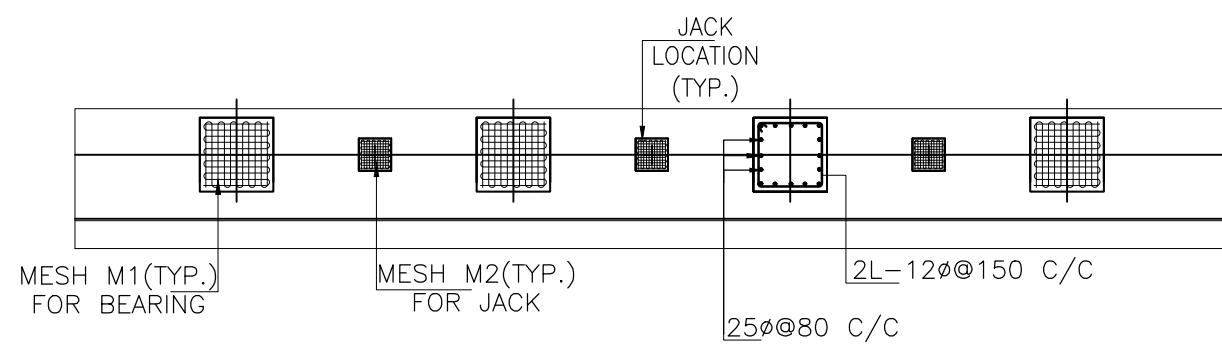
**RC DETAILS OF DIRT WALL
& ABUTMENT CAP**
(SCALE:1:25)



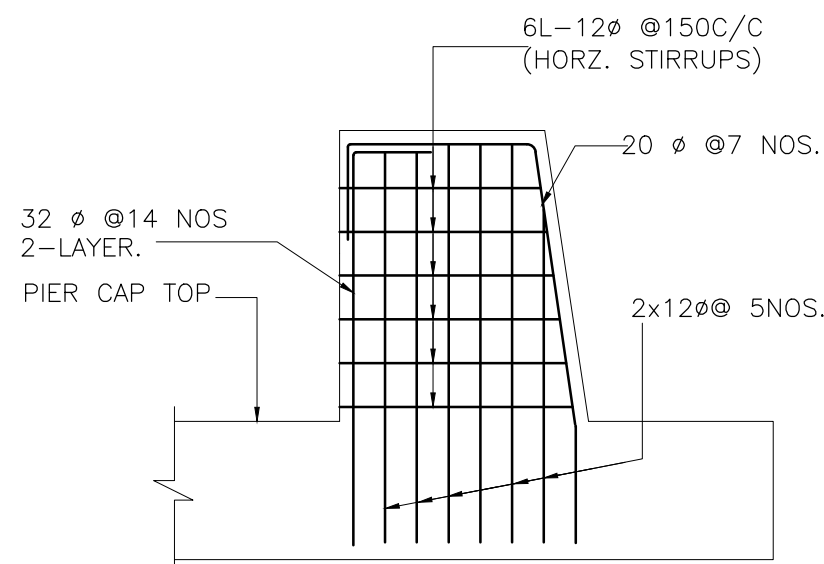
**DETAIL AT 'P'
(DETAILS OF BRACKET)**
(SCALE:1:20)



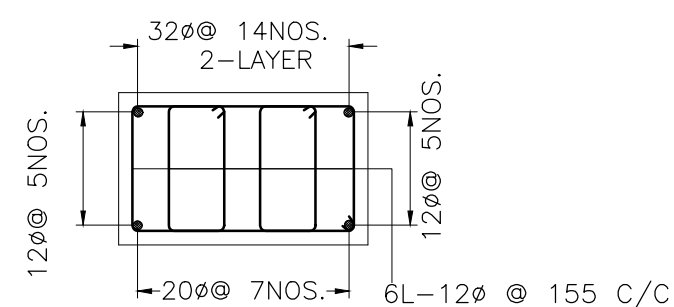
DETAIL OF ABUTMENT CAP
(SCALE:1:75)



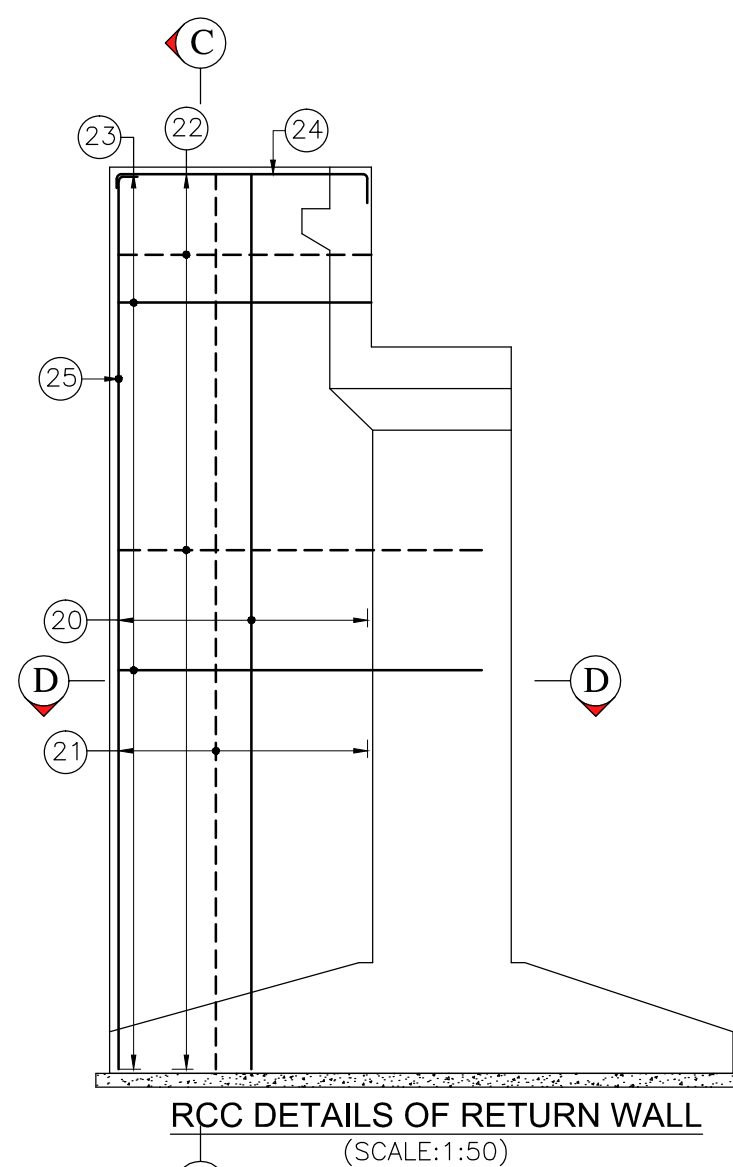
DETAIL OF PEDESTAL AND MESH
(SCALE:1:75)



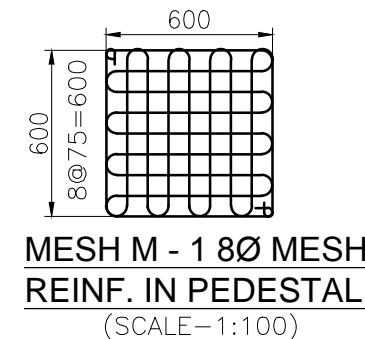
**R.C DETAIL OF SEISMIC
ARRESTOR (TRANS)**
(SCALE:1:25)



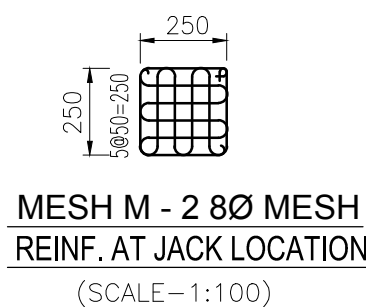
**R.C. DETAIL OF SEISMIC
ARRESTOR (TRANS.)
PLAN**
(SCALE:1:25)



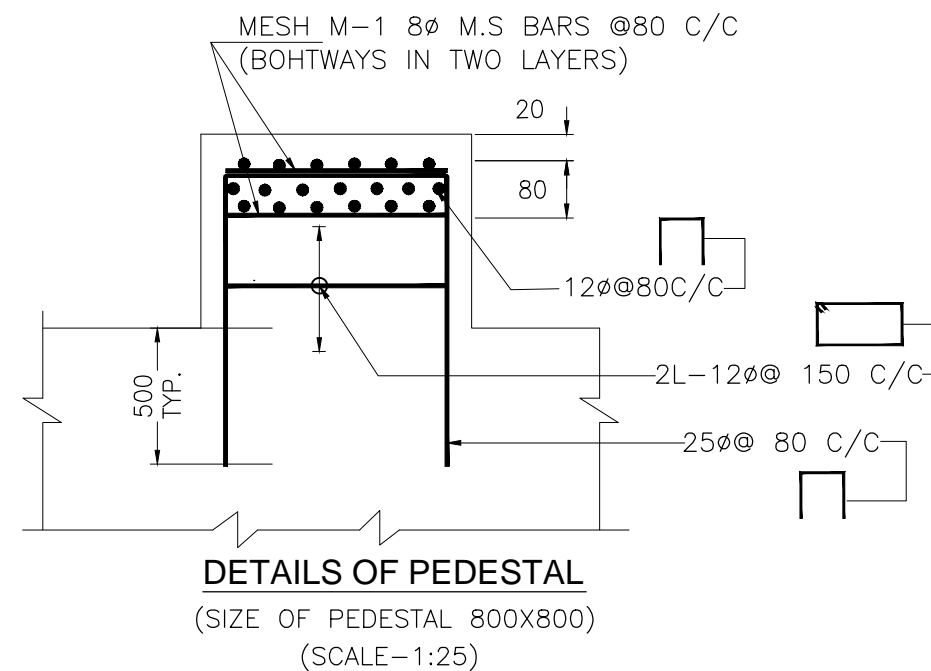
RCC DETAILS OF RETURN WALL
(SCALE:1:50)



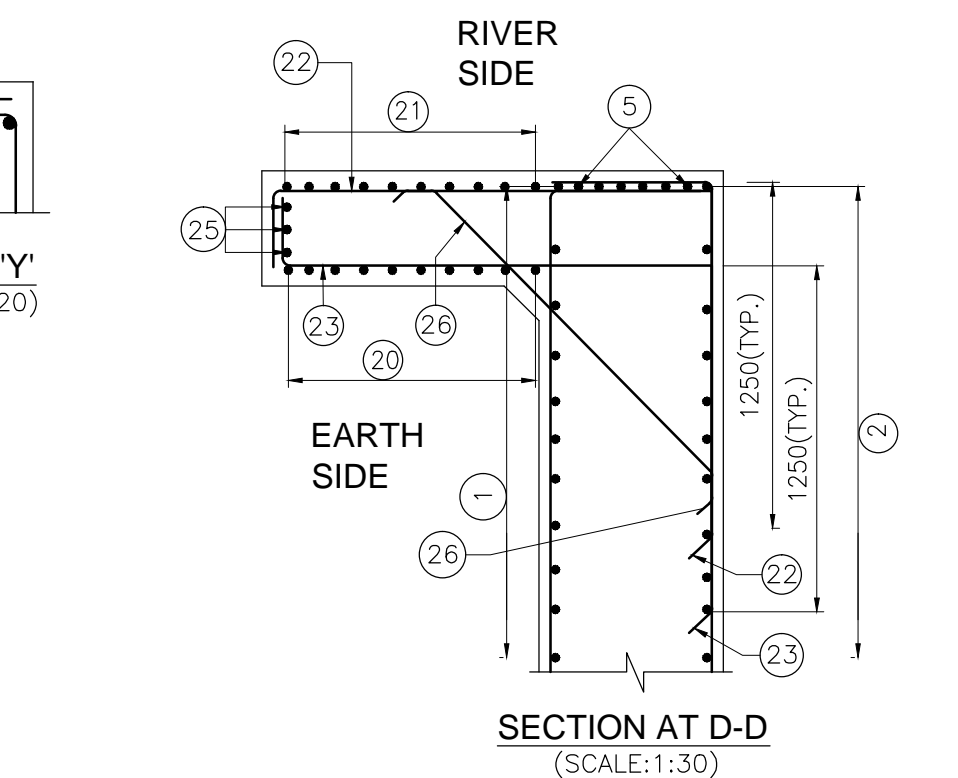
**MESH M - 1 8φ MESH
REINF. IN PEDESTAL**
(SCALE:1:100)



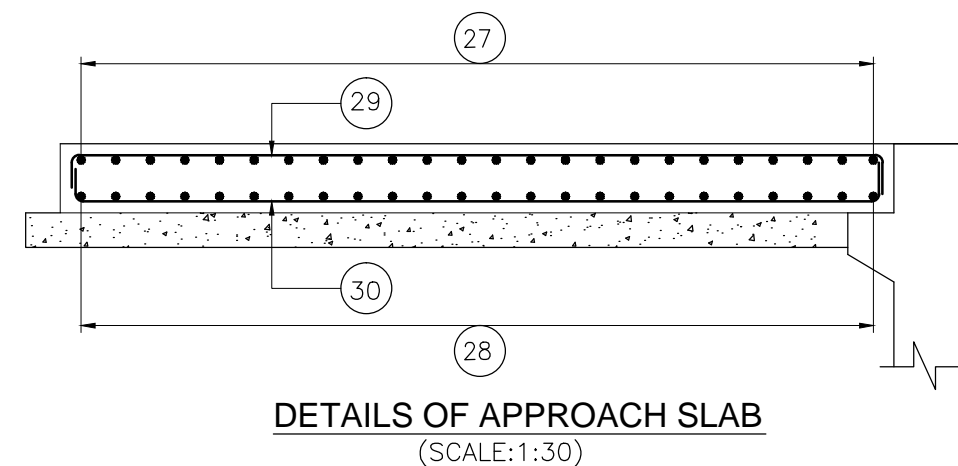
**MESH M - 2 8φ MESH
REINF. AT JACK LOCATION**
(SCALE:1:100)



DETAILS OF PEDESTAL
(SIZE OF PEDESTAL 800X800)
(SCALE:1:25)



SECTION AT D-D
(SCALE:1:30)



DETAILS OF APPROACH SLAB
(SCALE:1:30)

LEGEND:-
TOP FACE REINF. ———
BOTTOM FACE REINF. - - - -

NOTES:

1. ALL DIMENSIONS ARE IN mm, AND LEVELS IN METRES UNLESS OTHERWISE MENTIONED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
2. CONCRETE SHALL BE DESIGN MIX AND SHALL HAVE MINIMUM 28 DAYS CHARACTERISTIC STRENGTH ON 150mm CUBES FOR ALL ELEMENTS OF SUBSTRUCTURE AND FOUNDATION M20
3. GRADE OF STEEL SHALL BE Fe-500 CONFORMING TO IS :1786.
4. BACK FILLING BEHIND ABUTMENTS SHALL CONSIST OF SELECTED EARTH CONFORMING TO APPENDIX:6 OF IRC:78-2000 HAVING PROPERTIES $C=0$, $\phi=30^\circ$, $\gamma=20^\circ$ & $S=18$ kN/m³.
5. WEEP HOLES, 100 DIA IN SLOPE 1:20 SPACED @1000mm C/C BOTH HORIZONTALLY AND VERTICALLY SHALL BE PROVIDED IN STAGGERED MANNER IN ABUTMENTS, MEDIAN WALL & RETURN WALL ABOVE THE GROUND LEVEL.
6. THE FOUNDATION STRATA SHALL HAVE NET BEARING CAPACITY OF 350 kN/m²
7. IN CASE OF EXCAVATION IN ROCK THE ANNULAR SPACE AROUND THE FOUNDATION SHALL BE FILLED IN M 15 GRADE CONC.UPTO THE TOP OF ROCK
8. IT MAY BE ENSURED THAT MINIMUM EMBEDMENT OF FOUNDATION IS 1.5M IN SOFT ROCK OR 0.6M IN HARD ROCK AS PER PROVISION OF IRC - 78.

Revision Details				Project Title		This drawing is the property of AGNITIO INFRASTRUCTURE PROJECTS PVT LTD and must not be passed on to any person or body not authorised by us to receive it nor be copied or otherwise made use of either in full or in part by such person or body without our prior permission in writing.		Client		Drawing Title: REINFORCEMENT DRAWING OF ABUTMENT 1X81.5M AT (CH 4+020)		CONSULTANT	
				Consultancy Services for carrying out Feasibility Study, Preparation of Detailed Project Report (DPR) and providing pre-construction services in respect of 4 Laning of Kohima Bypass connecting NH-39 (New NH-02), NH-150 (New NH-02), NH-61 (New NH-29) and NH-39 (New NH-02) on Engineering, Procurement and Construction (EPC) mode in the state of Nagaland		Original Size: A2 Path - Plotting Scale:		National Highways & Infrastructure Development Corporation Ltd		Drawing No.: HEC-AIPPL/NHIDCL/KB/GAD/ S-201		Sheet : 02 OF 02	
				Chk By		Date		Suffix		Scale :- NTS		Dgn. GAURAV SINGH	
										Appd M.P.SINGH		Date FEB.-2018	
												HIGHWAY ENGINEERING CONSULTANT IN ASSOCIATION WITH AGNITIO INFRASTRUCTURE PROJECTS PVT LTD	