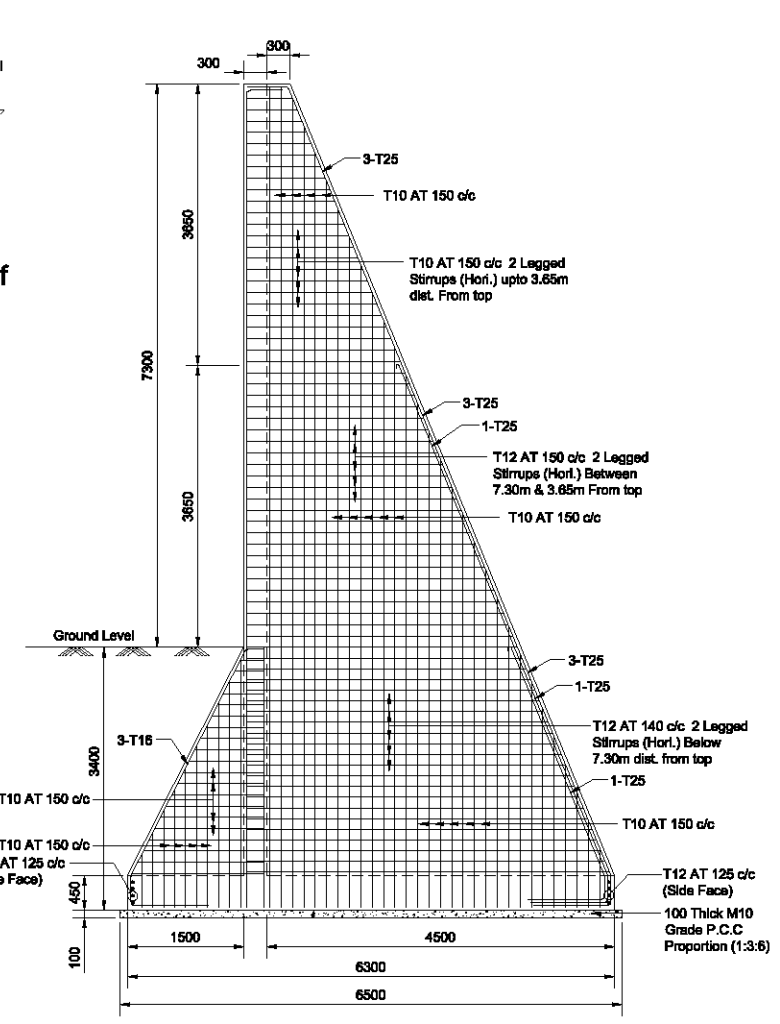
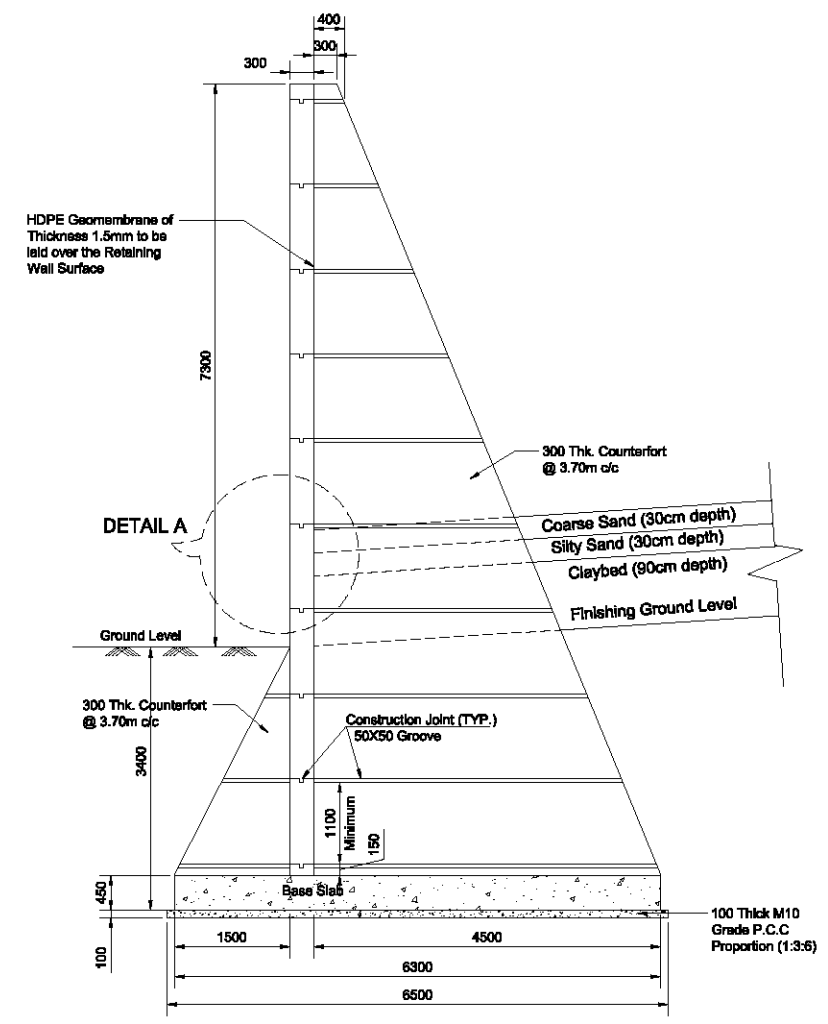


Typical Junction Detail of Counterfort & Stem
1:25

Detail 1

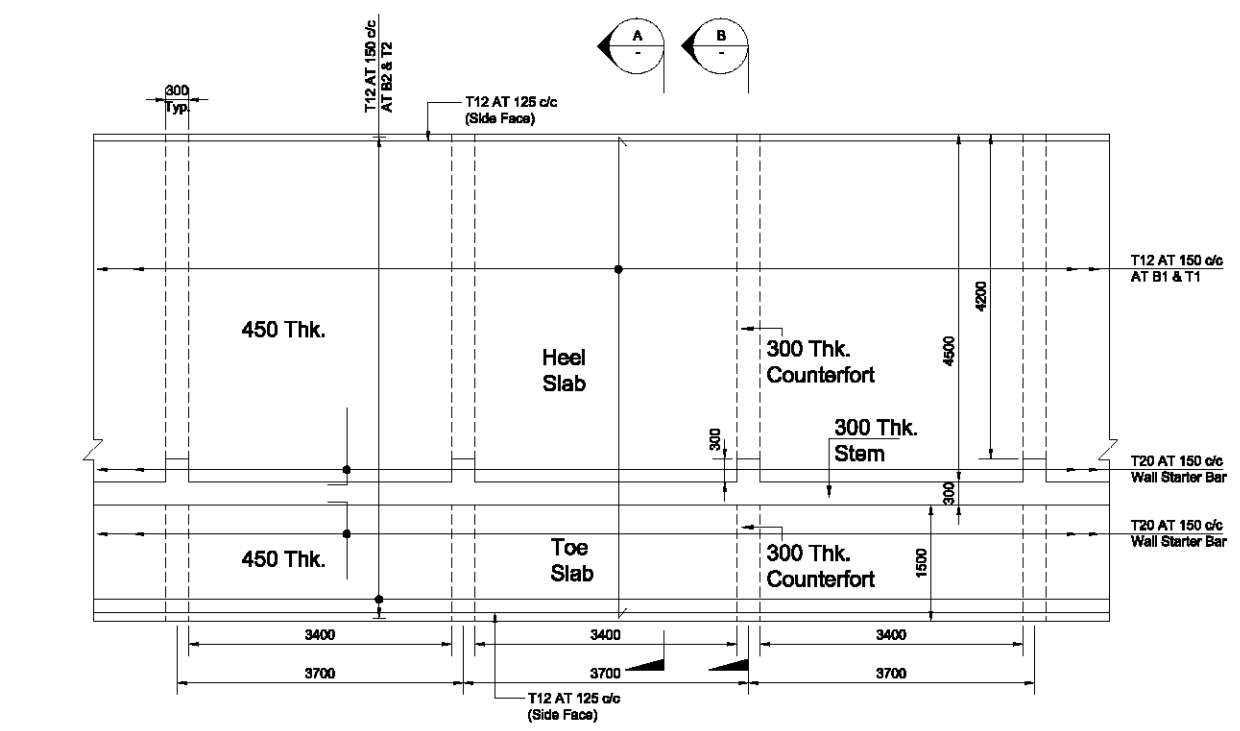


Section B
1:50

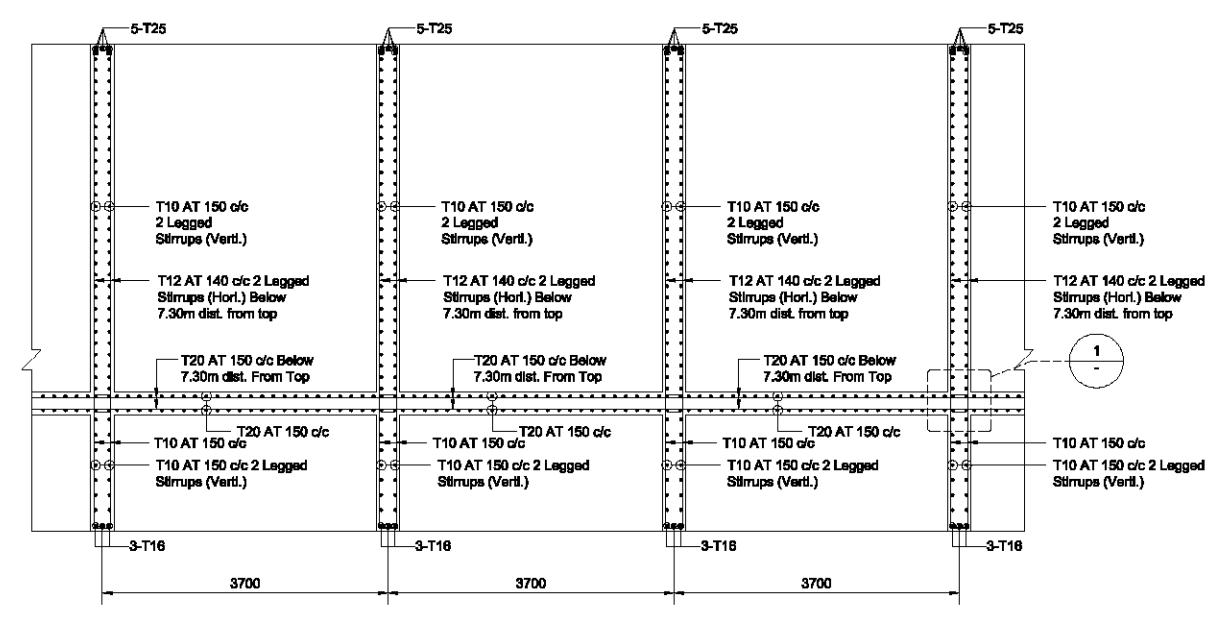


Section of Counterfort Retaining Wall
1:50

Section A
1:50

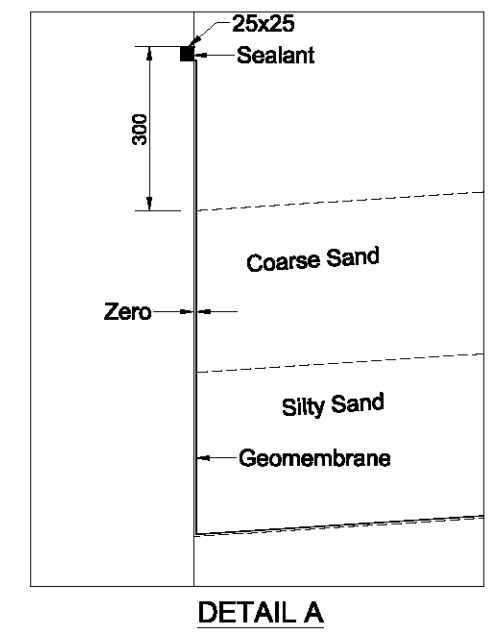


RC Details of Base Slab For Counterfort Retaining Wall 10.70m Total Height
1:50



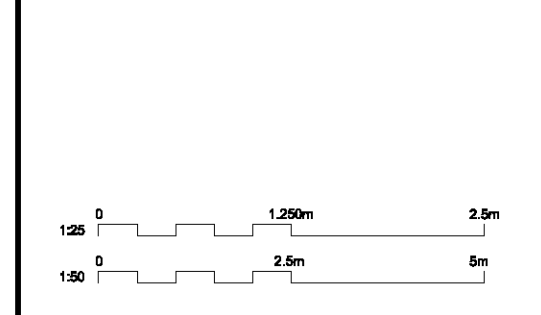
Wall Plan RC Details of Counterfort Retaining wall at Bottom
1:50

- Notes
- All dimensions are in mm unless noted otherwise.
 - Cover to all reinforcement in Wall & Base is 50 mm.
 - Concrete grade M25 for Wall, Base slab & Counterforts.
 - T Indicates for steel (HYSD Fe 500) conforming to IS:1786 (latest issue).
 - Lap length of bars to be 50xd Horizontal & 40xd vertical (d=dia of bar) wherever necessary.
 - Safe bearing capacity is considered as 150 KN/m² at 2.0m below ground level as per given data & at 3.00m would be increase.
 - Ground water table has not considered in the design of foundation.
 - Earth should be considered at both side simultaneously up to 3.40m from base slab bottom.



DETAIL A

Reference drawings



Rev	Date	Drawn	Description	Chkd	App'd
R5	19/11/15	LL	Issued for Tender	JP	SKS
R4	11/04/13	JP	Revised as per IIT Guwahati comments	NC	VR
R3	07/03/13	JP	Revised as per Site condition	NC	VR
R2	24/01/13	JP	Revised as per Str. design calculations	TP	VR
R1	27/11/12	LL	For DPR	AKA	DRC
R0	25/05/12	LL	For DPR	AKA	DRC



Client
State Investment Program Management and Implementation Unit (SIPMIU)
Government of Meghalaya

Title
North Eastern Region Capital Cities Development Investment Programme (NERCCDIP)- RC Details of Counterfort Retaining Wall Phase I Under Tranche I (10.70m)-Sheet 2 of 2

Designed	V Soni	Eng check	N Chauhan
Drawn	J Parikh	Coordination	V Soni
Dwg check	J Parikh	Approved	V Rasanias
Scale at A1	Status	Rev	
As Shown	TEN	R5	
Drawing Number	MMD-260652-C-DR-00-SWM-0005		

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