



- NOTE:-**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
  2. END HOOK WILL NOT BE PROVIDED IN TOR STEEL BAR.
  3. FOR GENERAL ARRANGEMENT DRAWING SEE CE'S PLAN NO. GML1-2015/T-907005
  4. OVERLAP FOR TOR BAR SHOULD BE AS FOLLOW.  
(A) IN TENSION.....56XDIA OF BAR.  
(B) IN COMPRESSION.....45XDIA OF BAR.
  5. MINIMUM CLEAR COVER SHALL BE AS FOLLOW.  
(A) BEAM.....30MM.  
(B) SLAB.....15MM.  
(C) COLUMN.....40MM.  
(D) FOUNDATION.....60MM.
  6. CEMENT CONCRETE SHALL CONFORM TO GRADE M-20 (THE COMPRESSIVE STRENGTH OF CONCRETE SHALL NOT BE LESS THAN 20N/MM2 AFTER 28 DAYS AS PER IS-456-2000 ).
  7. LAPPING OF BARS SHALL BE STAGGERED AND SHALL NOT BE IN PROXIMITY OF THE REGION OF MAXIMUM BENDING MOMENT.
  8. THE YIELD STRENGTH OF TOR STEEL SHALL NOT BE LESS THAN 415 N/MM2. ACCORDING TO THE IS-1786.
  9. DETAILING OF THE REINFORCEMENT SHOULD BE ACCORDING TO IS-13920.
  10. LINTEL BAND SHOULD BE PROVIDED ON ALL WALLS. AS DETAIL GIVEN.
  11. DESIGN WORK BASED ON THE BEARING CAPACITY OF SOIL WILL 10T/SQ. MT. IF BEARING CAPACITY OF SOIL WILL LESS THAN 10T/SQ.MT, THEN INFORM TO HQ. FOR FURTHER ACTION.
  12. HEIGHT OF PLINTH LEVEL SHOULD BE AS PER SITE CONDITION.
  13. T.L.V.S. = TWO LEGGED VERTICAL STIRRUP.
  14. # = TOR BAR.
  15. 25 MM THICK D.P.C. TO BE PROVIDED AT PLINTH LEVEL.

**FOR EPC  
TENDER ONLY**

C.P.D.E.	<i>[Signature]</i>
DY.C.E.(P&D)	<i>[Signature]</i>
AXEN./PL.	<i>[Signature]</i>
DESIGNATION	SIGNATURE
C E'S PLAN NO. GML1-2015 Z-909006	
NORTH EASTERN RAILWAY HEAD QUARTERS OFFICE TYPE PLAN TYPE III (D.S.) STAFF QUARTER STRUCTURAL DETAIL OF BEAM, SLAB, COLUMN, FOOTING, LINTEL & STAIR DETAIL.	
SCALE	NOT TO SCALE
CE'S CASE NO.	W/22/BLDG/TYPE PLAN/DESIGN

TP/10-11/01  
REGISTER NO. SUNIL KR. SRIVASTAV  
JE/BLDG & STR. PREPARED BY  
M.N.PRAJAPATI  
SSE/DRG/BLDG. & STR.  
MAHENDRA NATH  
SSE/DRG./INCH.  
SANJAI KR. SRIVASTAV  
SSE/DESIGN.  
NAND KISHORE PATHAK  
SSE/DESIGN.