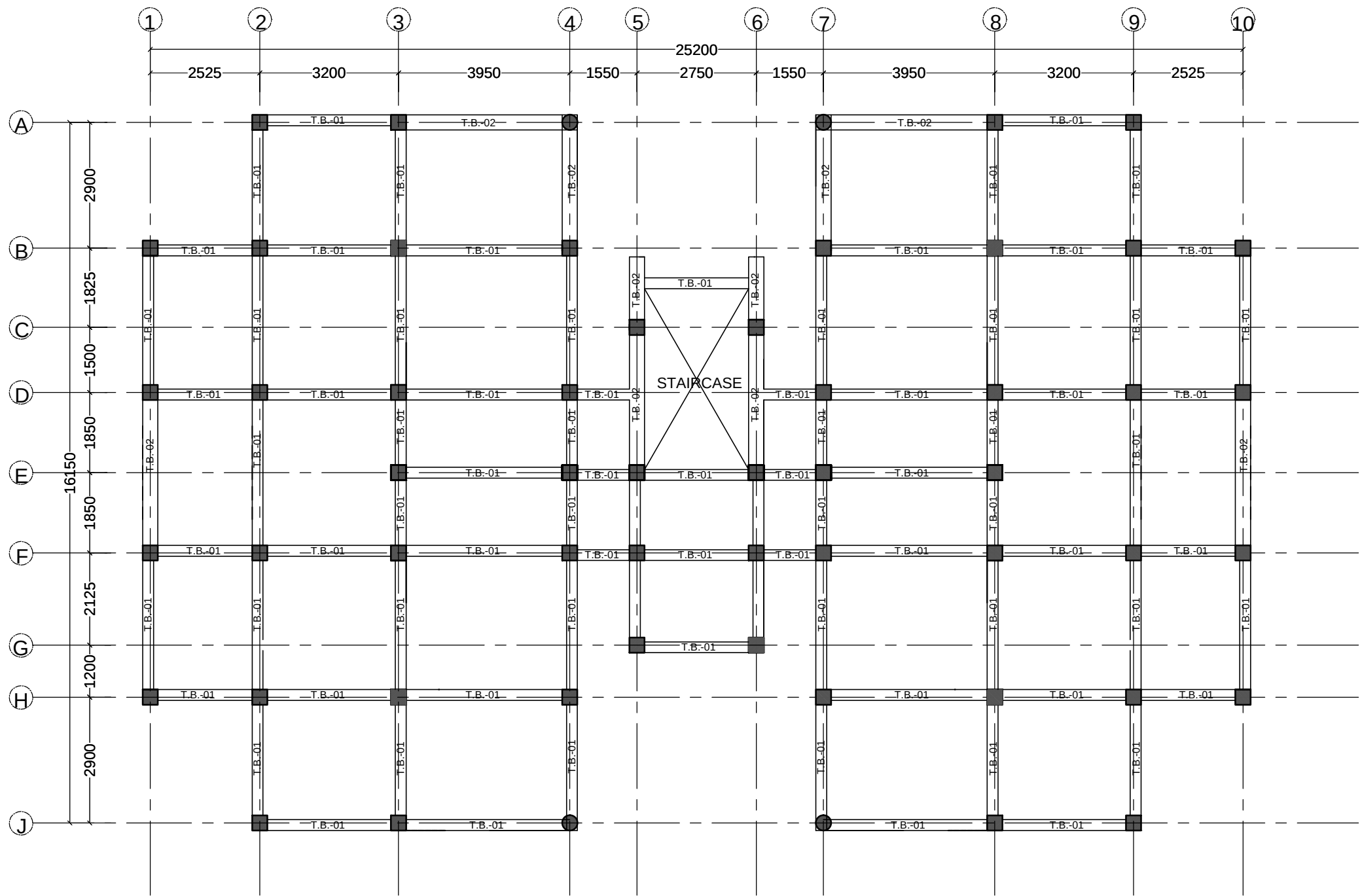
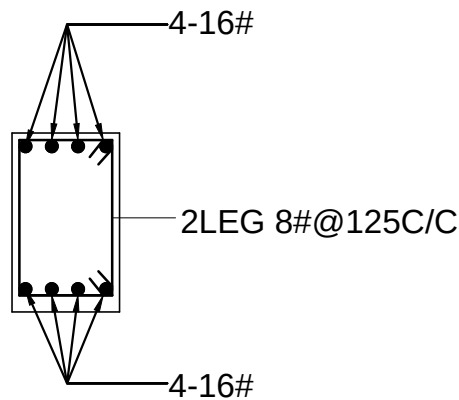
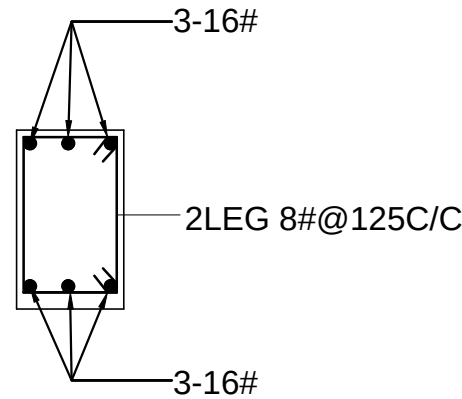




**LAYOUT OF TIE BEAM**



TYPICAL TIE BEAM SECTION (TB-02)  
(SIZE 350X450)



TYPICAL TIE BEAM SECTION (TB-01)  
(SIZE 250X450)

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M.D.ROAD,CHANDMARI, GUWAHATI.

**NOTES**

1. ALL DIMENSIONS ARE IN M.M UNLESS OTHERWISE SPECIFIED.
2. GRADE OF CONCRETE MIX SHALL BE M20 CONFORMING TO IS-456-2000. UNLESS OTHERWISE NOTED.
3. STEEL GRADE Fe500N/MM
4. Ø INDICATES MS BARS OF GRADE-I CONFORMING TO IS-432-1960.
5. CLEAR COVER TO REINFORCEMENT:  
BEAM = 25MM.  
COLUMN = 40MM.  
SLAB = 19MM.
6. DEVELOPMENT LENGTHS (IN MM.)  
L<sub>dt</sub>= DEV. LENGTH IN TENSION =(47Ø)  
L<sub>dc</sub>= DEV. LENGTH IN COMPRESSION =(38Ø)  
Ø = BAR DIAMETER
7. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND STRUCTURAL DRAWINGS.
8. RE-INFORCEMENT DETAIL IN COLUMN AS PER IS-456-2000 & IS-13920

| S.NO. | REVISIONS | DATE |
|-------|-----------|------|
|-------|-----------|------|

**REVISIONS**

**CLIENT**

**BRAHMAPUTRA CRACKER  
AND POLYMER LIMITED**

**PROJECT**

**PROPOSED CONSTRUCTION OF  
ADDITIONAL INFRASTRUCTURE  
AT CISF TOWNSHIP**

**TYPE-B QUARTERS**

|       |            |  |
|-------|------------|--|
| SCALE | JOB NO.    |  |
|       | DEALT BY   |  |
|       | CHECKED BY |  |

**CLIENT'S SIGN**

**ARCHITECT'S SIGN**

**CONSULTANT**

ARCHITECTS, ENGINEERS,  
VALUERS & PLANNERS  
M.D.ROAD, CHANDMARI,  
GUWAHATI- 781003



**DRAWING TITLE**

**LAYOUT & DETAIL OF TIE BEAM**

**DRAWING NO.**

**RAA / CISF / TYPE-B / T / ST- 02**