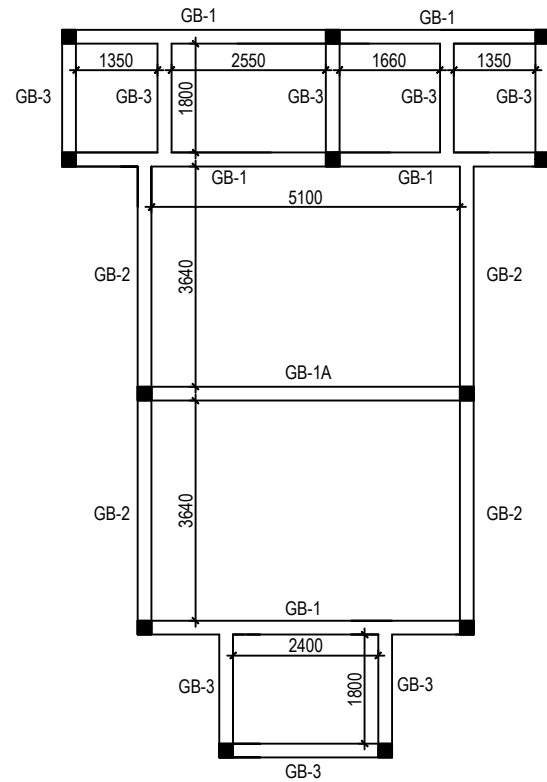
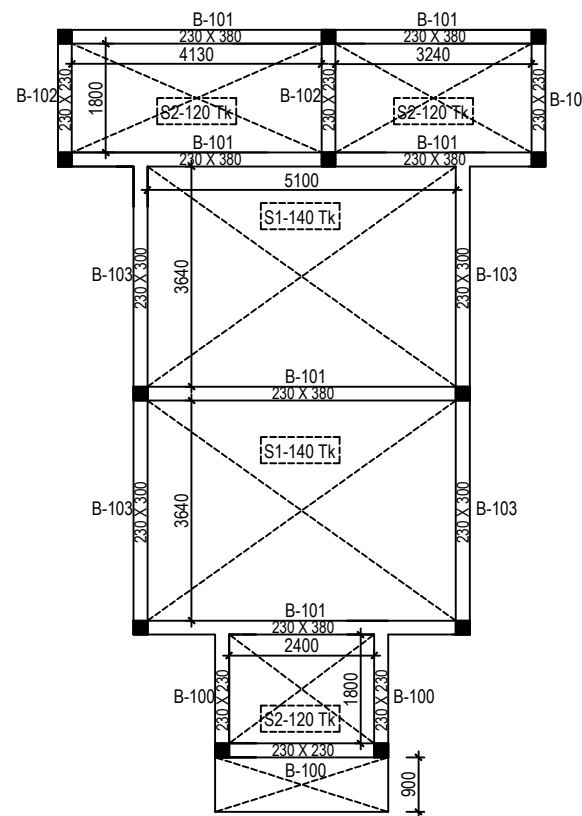


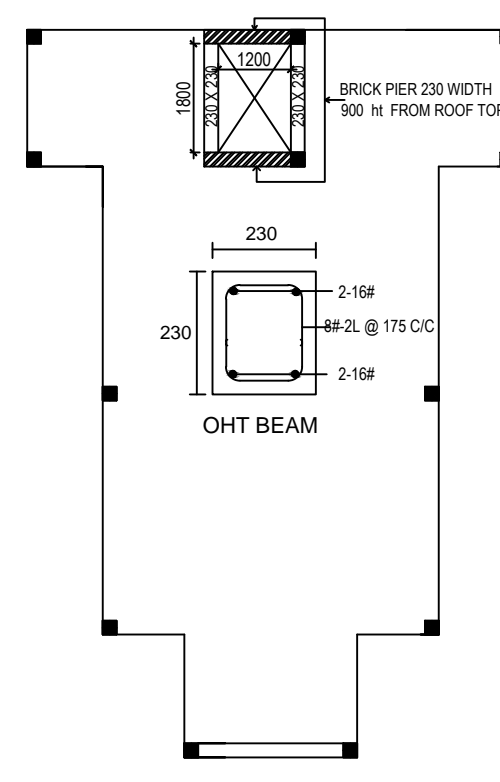
CENTRE LINE LAYOUT



GRADE BEAM LAYOUT

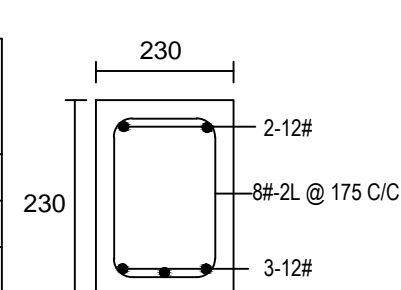


ROOF SLAB & BEAM

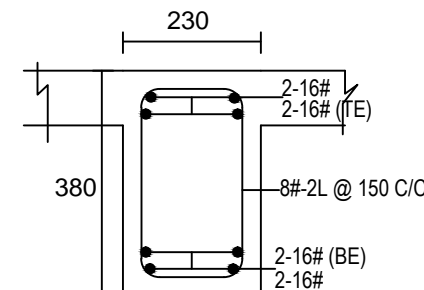


TERRACE OHT DETAILS

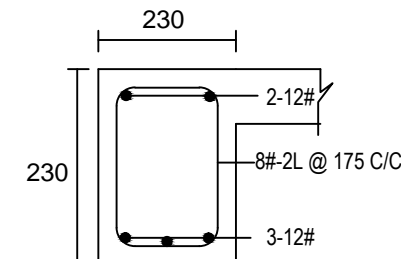
| SL.NO | REF | FOOTING SIZE SBC-100 KN / SQM | | | FOOTING SIZE SBC-150 KN / SQM | | | FOOTING SIZE SBC-200 KN / SQM | | | REINFORCEMENT |
|-------|------|----------------------------------|---------|-------|----------------------------------|---------|-------|----------------------------------|---------|-------|----------------|
| | | LENGTH | BREADTH | DEPTH | LENGTH | BREADTH | DEPTH | LENGTH | BREADTH | DEPTH | |
| 1 | C1F1 | 1200 | 1200 | 250 | 1000 | 1000 | 250 | 1000 | 1000 | 250 | 10 # @ 200 C/C |
| 2 | C2F2 | 1500 | 1500 | 300 | 1350 | 1350 | 300 | 1200 | 1200 | 300 | 10 # @ 200 C/C |
| 3 | C3F3 | 1500 | 1500 | 350 | 1350 | 1350 | 350 | 1200 | 1200 | 350 | 10 # @ 200 C/C |



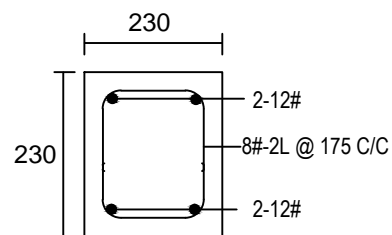
B100 @ LINTEL LEVEL



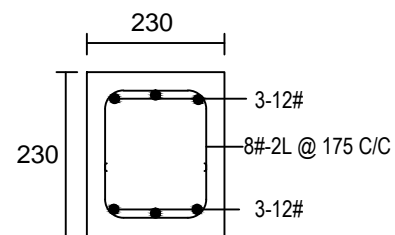
B101



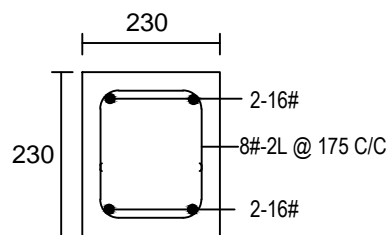
B102



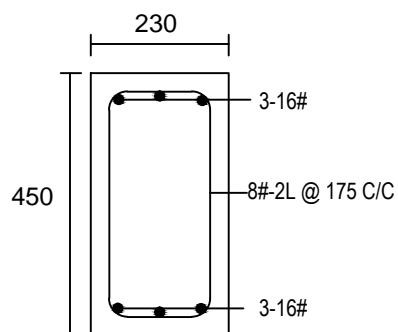
C1



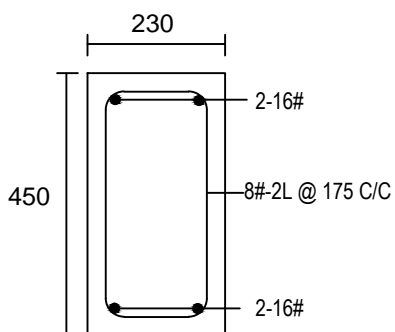
C2



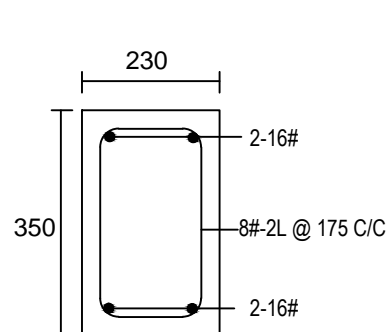
C3



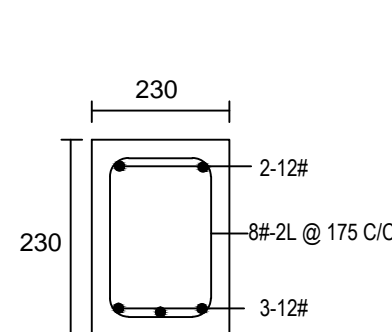
GB1



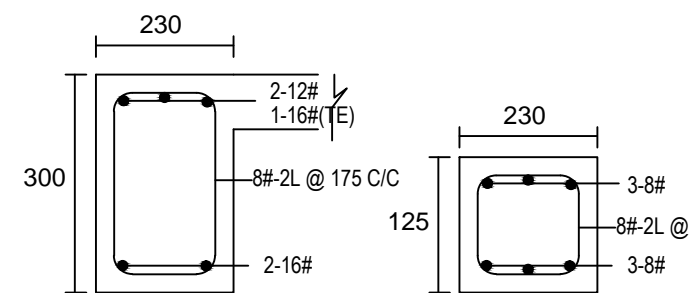
GB1A



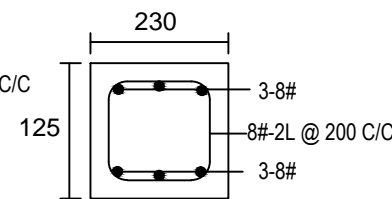
GB2



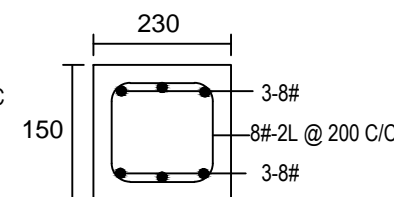
GB3



B103



CONTINUOUS LINTEL



PLINTH BEAM

ROOF SLAB
S1-TWO WAY SLAB-140 TK
MAIN REINFORCEMENT- 8 # @ 200 C/C
DIST REINFORCEMENT- 8 # @ 200 C/C
S2-TWO WAY SLAB-120 TK
MAIN REINFORCEMENT- 8 # @ 200 C/C
DIST REINFORCEMENT- 8 # @ 200 C/C

OHT BOTTOM SLAB
TWO WAY SLAB-135 TK
MAIN & DIST - 10 # @ 150 C/C
OHT COVER SLAB
TWO WAY SLAB-120 TK
MAIN & DIST - 8 # @ 200 C/C
OHT SIDE WALL ALROUND
WALL THICKNESS 230 MM
VERTICAL & HORIZONTAL-10 # @ 180 C/C

CONCRETE: (Ref: IS 456-2000)

Grade : M-20
Cement : Ordinary Portland Cement
STEEL : (Ref: IS 1785)
Type : Fe 500
Lap : Tension & Compression : 50d


COVER

Footing : 50mm
Column : 40mm
Beam : 30mm
Slab : 25mm

NOTE :

ENTRANCE LOBBY FRONT SUNSHADE- 75 MM TK
PROVIDE GUN STIRRUPS USING 8 # @ 125 C/C
DIST @ 8 # @ 180 C/C

SBC - 100 , 150 & 200 KN / SQM @ 1.20 TO 1.80 M DEPTH FROM NGL
FOUNDATION DESIGNED FOR GF ONLY
(incl - OHT)

| | | |
|---------------|--------------|---|
| CAD FILE | TNPCHL-CBE |  TAMILNADU POLICE HOUSING CORPORATION LTD. NO:132, E.V.R.SALAI, KILPAUK, CHENNAI-10 |
| SCALE | NOT TO SCALE | |
| DATE | 02.2020 | |
| DESIGNED | LRB | |
| DRAWN | LRB | PROJECT NAME : PROPOSED DINNING HALL AT CENTRAL PRISON |
| CHECKED | SS | |
| DRAWING TITLE | | FOOTING ,& COLUMN , GB , ROOF BEAM & SLAB DETAILS |

S.SELVARAJU, BE

476- THERKUKADU
Near Glass Factory
ATTUR-(636102)- SALEM-DT