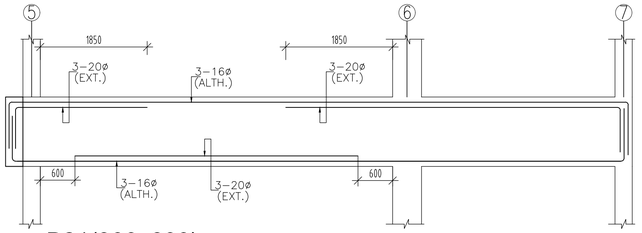
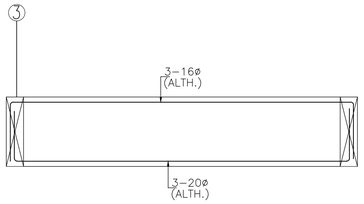
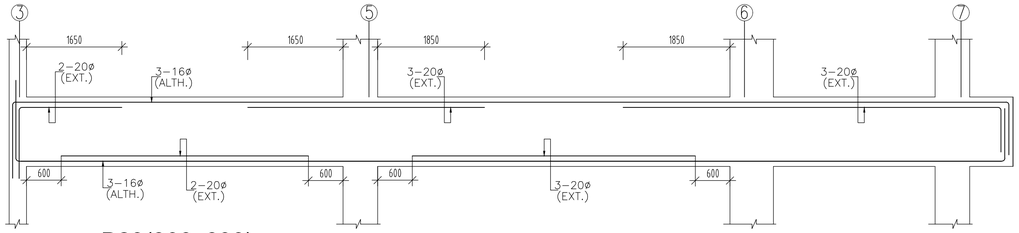


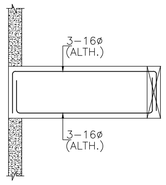
B21(300x600)



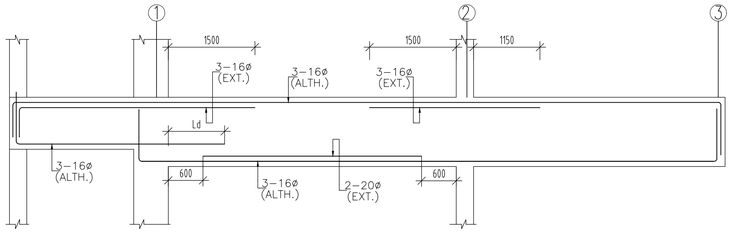
B22(230x600)



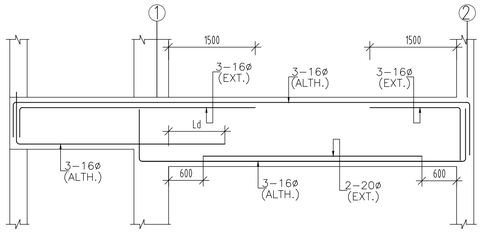
B23(300x600)



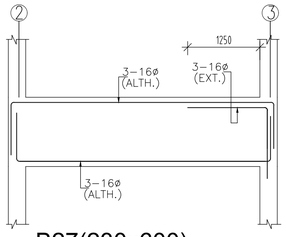
B24(230x450)



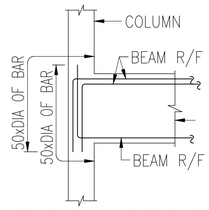
B25(230x450) B25(230x600)



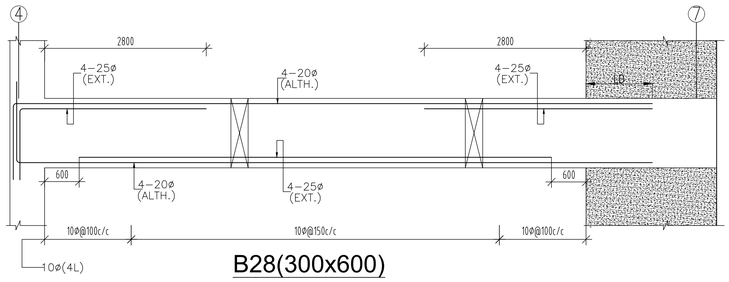
B26(230x450) B26(230x600)



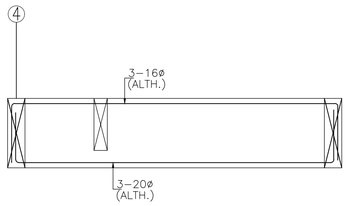
B27(230x600)



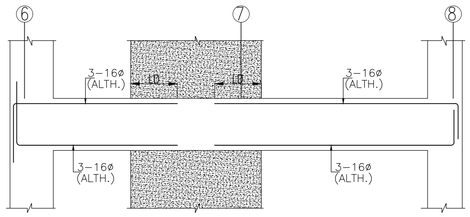
TYPICAL R/F DETAIL AT COLUMN BEAM JUNCTION



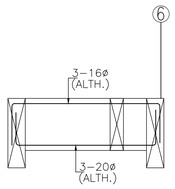
B28(300x600)



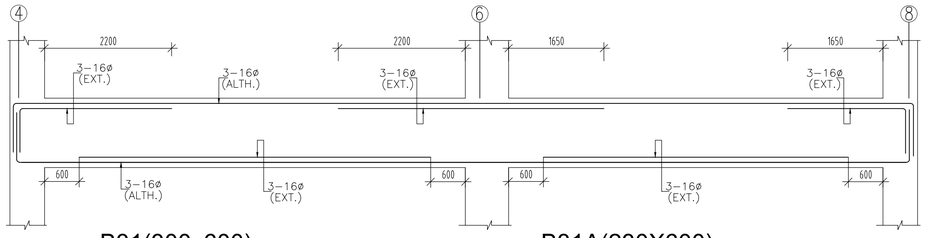
B29(230x600)



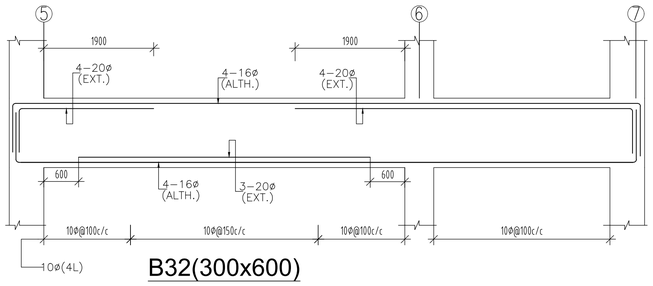
B30(230x450)



B30A(230x450)



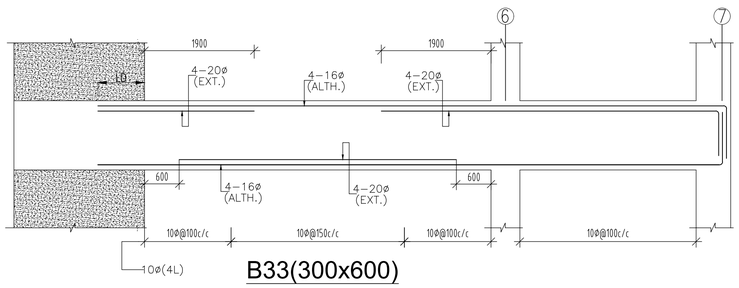
B31(300x600) B31A(230X600)



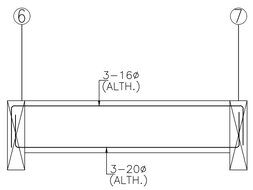
B32(300x600)

NOTE:-

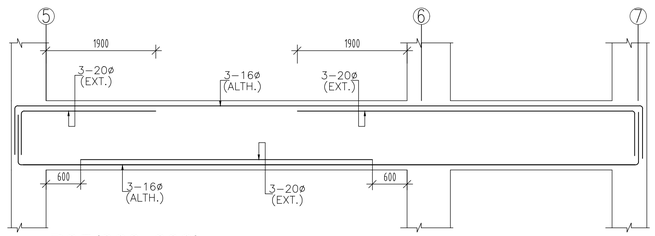
1) — — — — — TOP REINFORCEMENT
2) ———— BOTTOM REINFORCEMENT
3) S = 150MM THK. R.C.C.SLAB
4) CLEAR COVER TO MAIN REINF. SHALL BE:-
   a) SLAB = 20MM
   b) BEAM = 30MM
5) LAP LENGTH TO BE 50XDIA OF SMALLER BAR
6) ALL R.C.C WORK WILL BE IN MIX M30
7) GRADE OF STEEL SHALL BE FE 550 D
8) DISTRIBUTION 8∅@200C/C UNO
9) THIS DRG. TO READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRG. IF IN DOUBT PLEASE ASK.



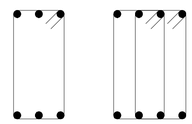
B33(300x600)



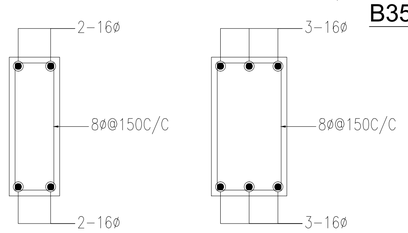
B34(230x450)



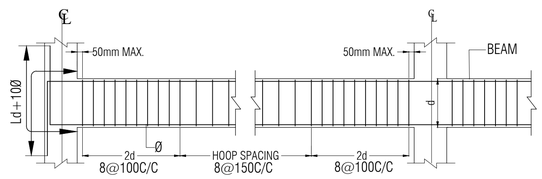
B35(300x600)



STIRRUPS ARRANGEMENT



B2(150X450) B2(200X450)



d= DEPTH OF BEAM Ø= DIAMETER OF BAR
Ld= DEVELOPMENT LENGTH

LEGENDS :

REVISION NOTES :

No.	DATE	DESCRIPTION

PROJECT:

SOUTH AFRICA HIGH COMMISION

PROJECT OWNER/ DEVELOPER:

INTERNATIONAL RELATIONS & COOPERATION,
REPUBLIC OF SOUTH AFRICA

ARCHITECT:

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Ph.: 0124-4734320
e-mail: contact@studiosas.in
https://www.studiosas.in

STRUCTURAL CONSULTANT:

JAITLY ASSOCIATES
E-60, 2ND FLOOR MASJID MOTH
GREATER KAILASH-III
NEW DELHI-110048
PHONE NO-011-40569877
E-mail: njaitly49@gmail.com

SCALE:-	N.T.S
DRAWN BY:-	INDRAMOHAN
DESIGN BY:-	ASIF
APPROVED BY:-	N.JAITLY
DATE:-	29-07-2025

PURPOSE OF DWG:

- ☐ APPROVAL
- ☐ CONSTRUCTION
- ■ TENDER
- ☐ ADVANCE COPY

DRAWING TITLE:

Ground Roof Beam Reinf. Details (Sheet No 2 of 2)

DISCIPLINE :

DRAWING NO: JA-STR-SAA-(CH)ST-09A

REV: