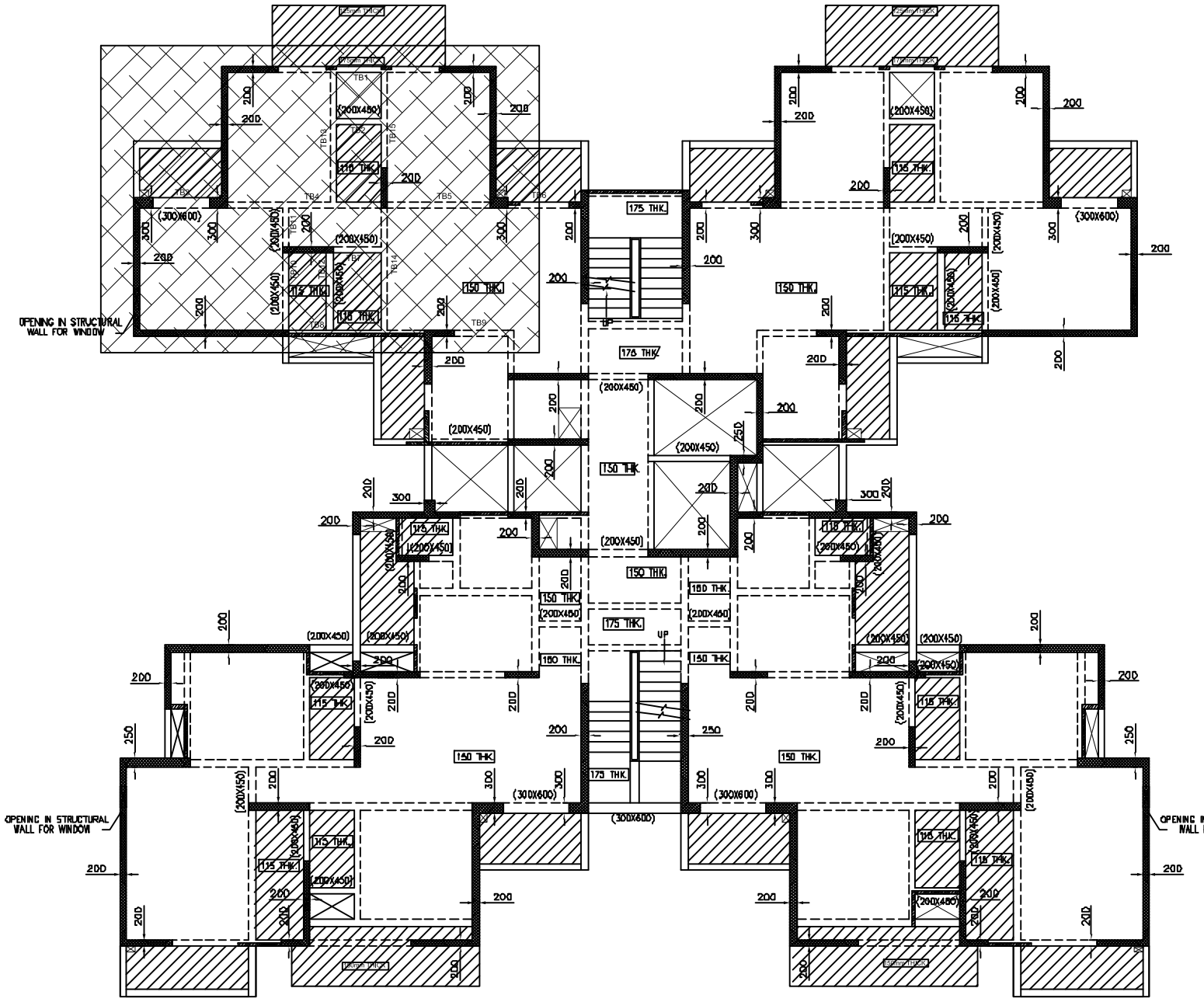
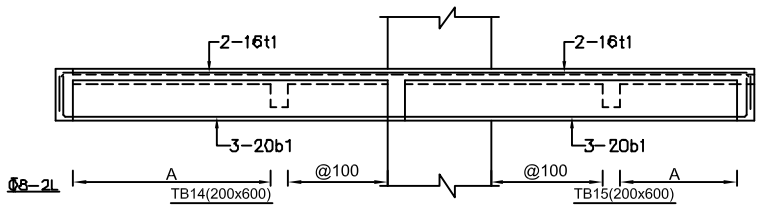
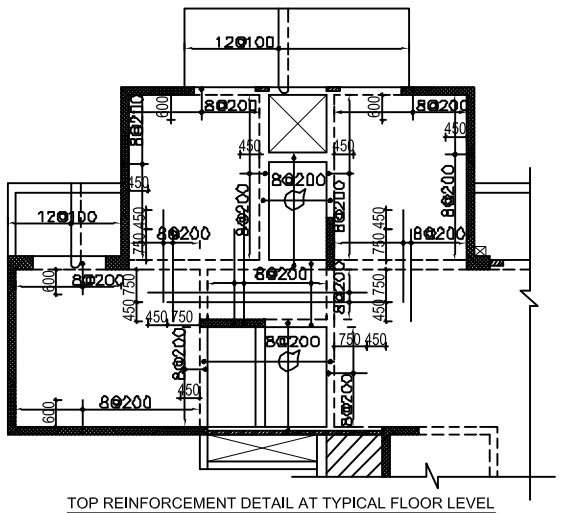


FRAMING PLAN AT TYPICAL FLOOR LEVEL (3RD TO 18TH FLOOR)

(ALL SLABS ARE 125mm THICK UNLESS NOTED OTHERWISE)

(ALL BEAMS ARE 200x600 UNLESS NOTED OTHERWISE)





TOP REINFORCEMENT DETAIL AT TYPICAL FLOOR LEVEL

(PROVIDE DISTRIBUTION STEEL OF 08@250 WHEREVER REQUIRED)

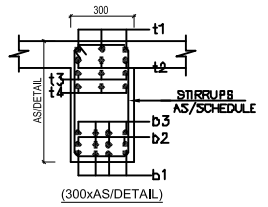
STIRRUP SCHEDULE

PROVIDE Ø8-2LEGGED/4-LEGGED STIRRUPS UNLESS NOTED OTHERWISE

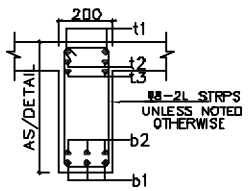
STRIP MARK	NOS OF STRPS & SPCG OF STRPS (d= depth of beam
A	2d@100 FROM LHS+@200+2d@150 FROM RHS
B	2d@100+2d@150+@200+2d@150+2d@100
C	2d@100+18@150+@200+16@150+2d@100
D1	2d@100+@150
D2	@150+2d@100

LEGEND OF Ld (DEVELOPMENT LENGTH) IN TENSION.

CONCRETE GRADE	Ld
M-20	57 db
M-25 (for this drg.)	49 db
M-30	46 db
M-35	40 db
M-40	36 db

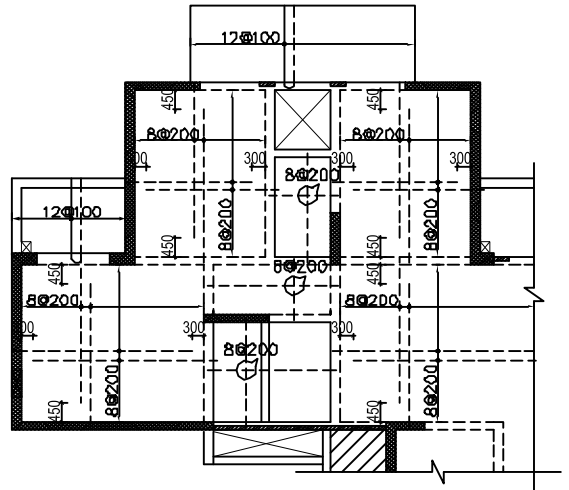


(300xAS/DETAIL)

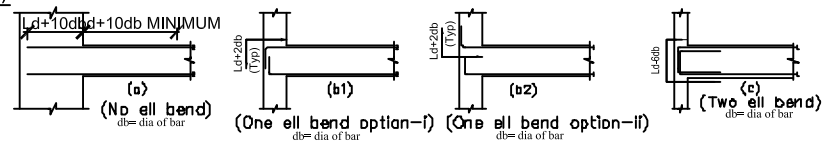


TYP. BEAM SECTION

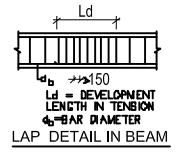
(200xAS/DETAIL)



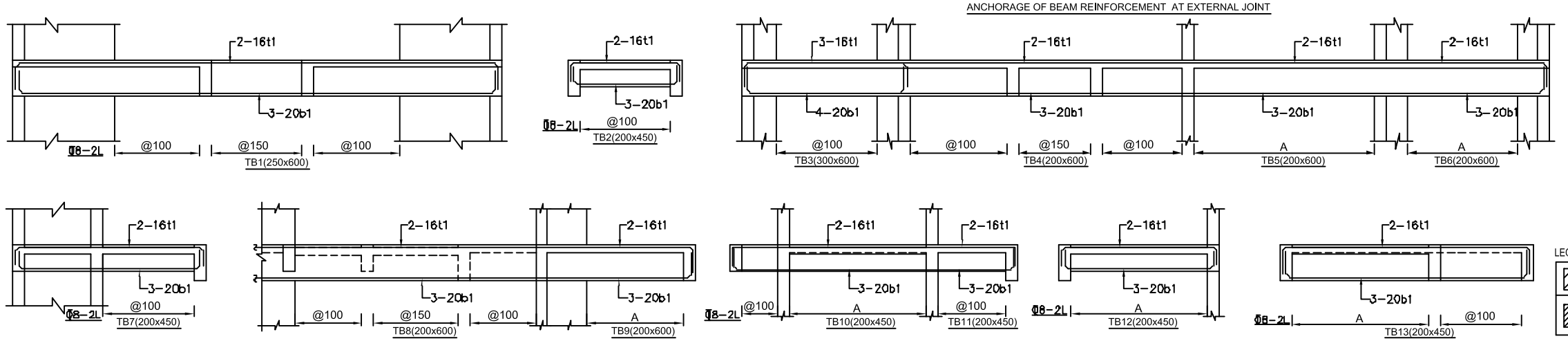
BOTTOM REINFORCEMENT DETAIL AT TYPICAL FLOOR LEVEL



ANCHORAGE OF BEAM REINFORCEMENT AT EXTERNAL JOINT



LAP DETAIL IN BEAM



LEGEND OF SUNK

	50 MM SUNK
	NON STRUCTURE WALL

PDS SUBMISSION ONLY

PROJECT: Godrej PROPERTIES — NATURE+ | SOHNA

CLIENT: Godrej

KEYPLAN

GENERAL NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. DO NOT SCALE ANY DRAWINGS.
3. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
4. SPANS FOR CONCRETE WORK FOR BEAM & SLAB SHALL BE C/C DIMENSIONS TO BE 450 & BOTH.
5. THE REINFORCEMENT SHALL BE DELIVERED DEFORMED BARS (CI:72) BY TMT BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² (WITH MINIMUM ELONGATION 14.5%) AND CONFORMING TO I.S. 1786 – 2008.
6. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
   (a) FOUNDATION : 50 MM
   (b) COLUMNS : 40 MM
   (c) BEAMS (top & bottom) : 25 MM side cover 20mm
   (d) SLABS : 25 MM
   (e) CHAJJA/CANOPY : 20 MM
   (f) R.C.C. WALL : 20 MM
   MINIMUM COVER IN CASE OF ALL EXPOSED CONCRETE TO BE ALL EXCEPT WHERE OTHERWISE SPECIFIED.
7. THE LAPS IN BARS SHALL BE STAGGERED & AT ONE PLACE SHALL NOT BE MORE THAN 50 PERCENT.
8. ---------- INDICATES SYSTEM BARS
   ---------- INDICATES TOP BARS
9. READ THIS DRAWING IN CONJUCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
10. ALL R.C.C. TO BE DESIGN MIXED, VIBRATED AND CURED THOROUGHLY AS PER I.S 456-(LATEST).
11. ALL DIMENSIONS FROM THE CORRESPONDING WITH COLUMNS.
12. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE. ALL SPECIAL CONFINING REINFORCEMENT SHALL BE PROVIDED THROUGH THE JOINT AT THE CLOSE SPACING IN COLUMNS.
13. THE LAP LENGTH IN BARS IN A BEAM SHALL BE EQUAL TO BAR DEVELOPMENT LENGTH IN TENSION GIVEN IN CL. 26.2.1 OF IS 456-2000. THE LAP LENGTH IN TENSION FOR THE MAIN FLEXURAL TENSION SHALL BE EQUAL TO 1.3 TIMES THE DEVELOPMENT LENGTH IN TENSION GIVEN IN CL. 26.2.1 OF IS 456-2000.
14. LAP SPLICES IN FLEXURAL MEMBERS SHALL BE STAGGERED AND AT THE CENTRAL HALF OF THE SPAN IF ANY BAR IS SPLICED AT THIS PLACE, THE LAP LENGTH OR DEVELOPMENT LENGTH OF BARS IN TENSION AND SPACING OF SPLICED BARS SHALL BE LESS THAN 150 C/C ALONG THE SPACE.
15. ALL WORK PERMITS AS PER GODREJ PERMISSION SHALL BE ISSUED WITH P.S.S. T.S.S.

© This drawing & design is the copyright of the designer. No portion of this drawing may be reproduced without the written permission of the designers.

mm All dimensions are in millimeter unless otherwise specified. Dimensions shall not be scaled off this drawing.

This drawing shall be read in conjunction with structural and other service drawings along with relevant specifications.

+0.00 Level +0.00 corresponds with the proposed finish floor level

Contractor shall check and verify all dimensions before commencing any construction work, and discrepancy or omissions to be immediately reported to the architect or designer.

PLUMBING & FIRE FIGHTING
C P VIDYA & ASSOCIATES
B-29, SHYESH HOUSE, SOLAR SITE-5, SECTOR-28, GURGAON, HARYANA-122002.

HVAC CONSULTANTS
DEW POINT CONSULTANTS PVT. LTD.
PLOT NO. 5 & 43, 2ND FLOOR, GREEN FLOOR, SOHNA ROAD, SECTOR-48, GURGAON, HARYANA.

ELECTRICAL CONSULTANTS
AMPOWER CONSULTANCY SERVICES
B-232 , 2nd Floor , NARAINA IND. AREA , PHASE-1 , NEW DELHI – 110028.

STRUCTURAL CONSULTANT
BMSF DESIGN CONSULTANTS PVT LTD.
S1/S2/S3, GROUND FLOOR, DLF PHASE III - GURGAON - 122002
PH:0124-4117252
EMAIL:amit.jain@bmsfindia.com

DRG. TITLE:
FRAMING PLAN & DETAIL AT TYPICAL FLOORLIMIL (3RD TO 18TH FLOOR) (TOWERA,B,C)

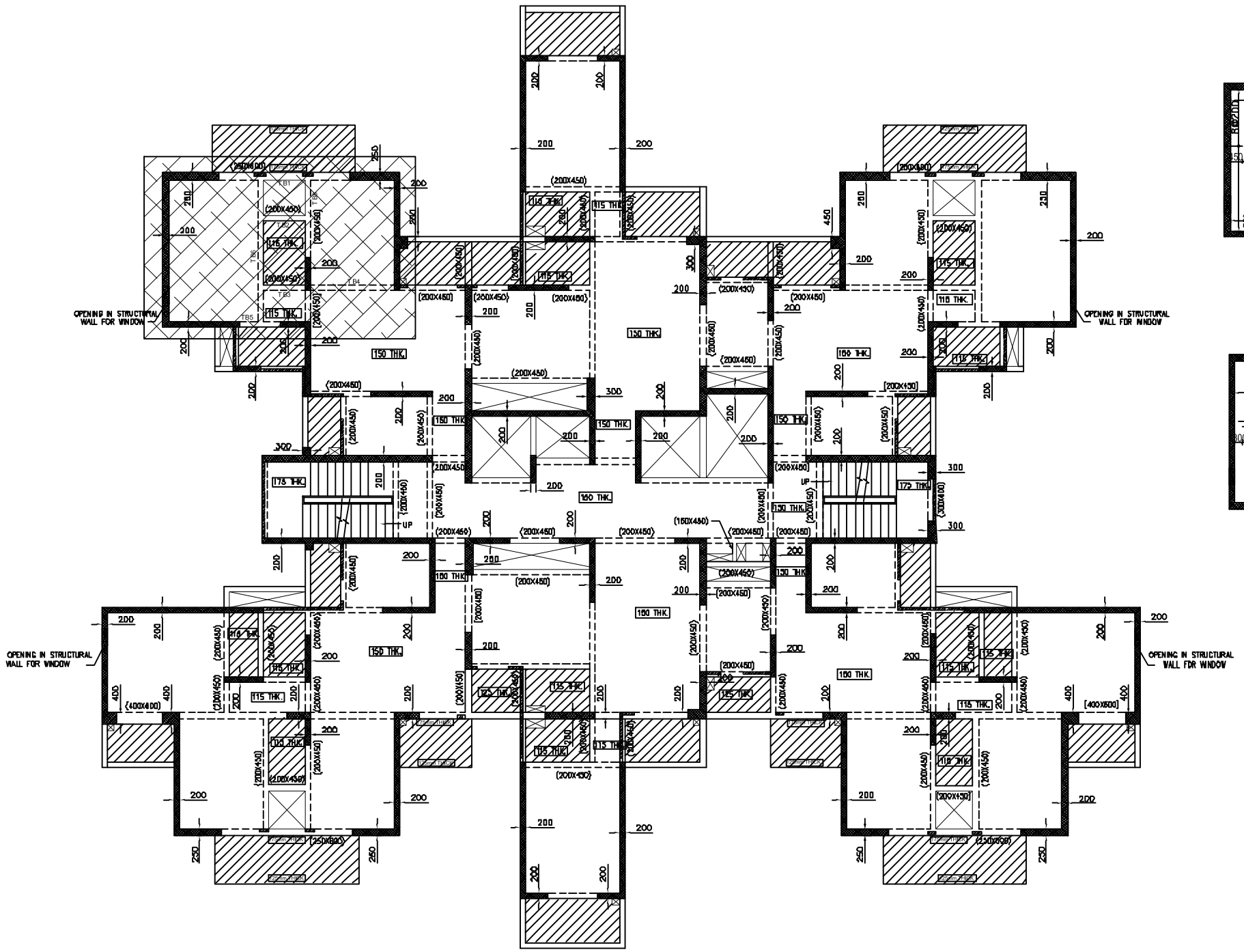
REVISION :	SCALE :	SHEET SIZE :
R0	N.T.S	A1
DATE : 24-07-2020		

DRAWING NO. :
GODREJ/ST/TYP.FLR.DET.-01

NO.	DATE	REVISION DESCRIPTION	CHECKED	APPROVED
R0	24-07-2020	SUBMISSION	ARIF	A. SAHN

DRAWN BY : AJAY KR.
DESIGNED BY : HEMA
APPROVED BY : ARIF

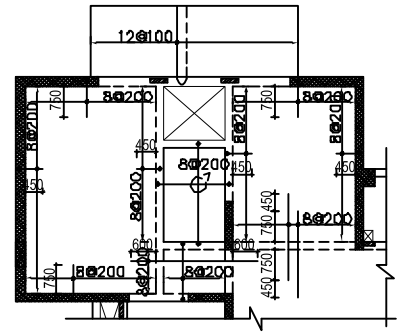
ACPL Design Ltd



FRAMING PLAN AT TYPICAL FLOOR LEVEL (3RD TO 19TH & 21ST TO 24TH)

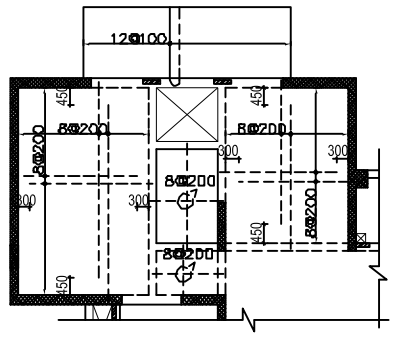
(ALL SLABS ARE 125mm THICK UNLESS NOTED OTHERWISE)

(ALL BEAMS ARE 200x600 UNLESS NOTED OTHERWISE)



TOP REINFORCEMENT DETAIL AT 1st FLOOR LEVEL

(PROVIDE DISTRIBUTION STEEL OF 08@250 WHEREVER REQUIRED)



BOTTOM REINFORCEMENT DETAIL AT 1st FLOOR LEVEL

STIRRUP SCHEDULE

PROVIDE 8-2LEGGED/4-LEGGED STIRRUPS UNLESS NOTED OTHERWISE

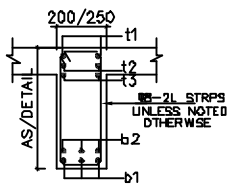
STRP MARK	NOS OF STRPS & SPCG OF STRPS	d= depth of beam
A	2d@100 FROM LHS+@200+2d@100 FROM RHS	
B	2d@100+2d@150+@200+2d@150+2d@100	
C	2d@100+16@150+@200+16@150+2d@100	
D1	2d@100+@150	
D2	@150+2d@100	

LEGEND OF Ld (DEVELOPMENT LENGTH) IN TENSION.

CONCRETE GRADE	Ld
M-20	57 db
M-25 (for this drg.)	49 db
M-30	46 db
M-35	40 db
M-40	36 db

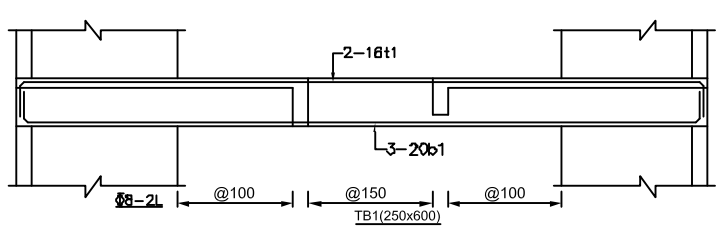
LEGEND OF SUNK

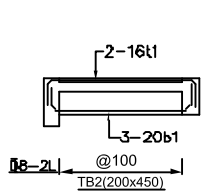
	50 MM SUNK
	NON STRUCTURE WALL

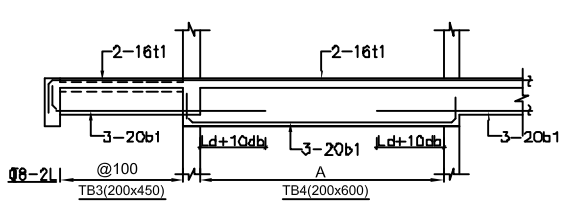


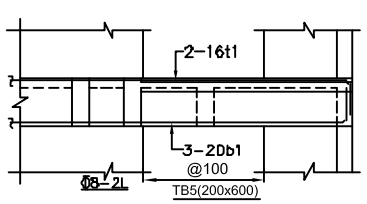
8ø-2L STRPS UNLESS NOTED OTHERWISE

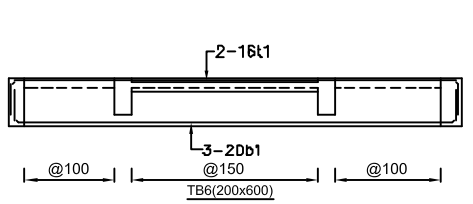
TYP. BEAM SECTION (200xAS/DETAIL)

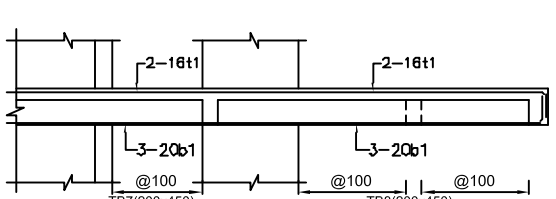


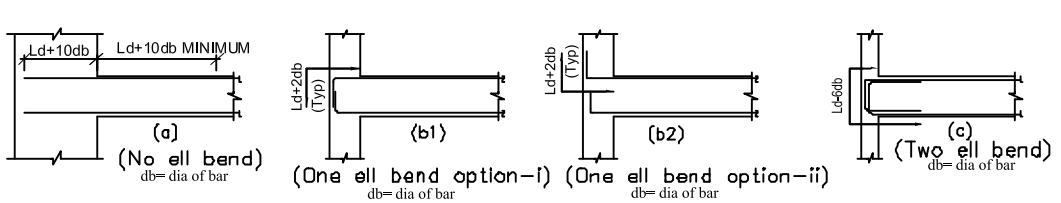




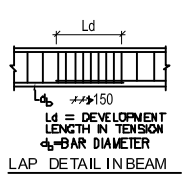








ANCHORAGE OF BEAM REINFORCEMENT AT EXTERNAL JOINT



LAP DETAIL IN BEAM

FOR SUBMISSION ONLY
SIGN.

PROJECT: Godrej PROPERTIES
NATURE+ | SOHNA

CLIENT: Godrej

KEYPLAN:

GENERAL NOTES:-
1. ALL MEMBERS ARE IN MM.
2. DO NOT SCALE ANY DIMENSION.
3. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
4. GRADE FOR CONCRETE WORK FOR BEAM & SLAB SHALL BE M30 EXPOSURE TO IS 456 : 2000.
5. THE REINFORCEMENT SHALL BE DELIVERED BEFORE BARS (GTD) BY TMT BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² WITH MINIMUM ELONGATION 14.5% AND CONFORMING TO I.S. 1786 - 2008.
6. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
(a) FOUNDATION : 50 MM
(b) COLUMNS : 40 MM
(c) BEAMS (top & bottom) : 25 MM abs over 20mm
(d) SLABS : 20 MM
(e) CHAJJA/CANOPY : 20 MM
(f) R.C.C. WALL : 20 MM
GENERAL COVER IS THE DEPTH OF REINFORCEMENT CLOSE TO ALL STEEL FROM THE CONCRETE SURFACE.
7. THE LAPS IN BARS SHALL BE SPREADED & AT ONE PLACE SHALL NOT BE MORE THAN 50 PERCENT.
8. ---------- INDICATES SYSTEM BARS
INDICATES TOP BARS
9. READ THIS DRAWING IN CONJUCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
10. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER I.S. 456-(LATEST).
11. ALL DOWNED BEAMS ARE CONCEALED WITH COLUMN.
12. THE FIRST STIRRUP IS BEARS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE. IN SPECIAL CONFINING REINFORCEMENT SHALL BE PROVIDED THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
13. THE LAP LENGTH IN BARS IN A BEAM SHALL BE EQUAL TO BAR DEVELOPMENT LENGTH IN TENSION GIVEN IN CLAUSE 26.2.1 OF IS 456-2000. THE LAP LENGTH SHALL NOT BE LESS THAN 15d. THERE SHALL BE NO LAPS WITHIN THE JOINT. THE BARS SHALL BE BENT IN THE FORM OF SEISMIC RESISTANT LOOPS AS SHOWN IN THE DETAILS TO CONFINE THE CONCRETE IN THE JOINT.
14. LAP SPACED IN 4 LEGGED SHALL BE PROVIDED AT 1/3 THE CENTRAL HALF OF THE SPAN WHERE LENGTH IS THE LAP LENGTH AS PER IS 456-2000. THE DEVELOPMENT LENGTH OF BARS IN FLEXURE AND SPACING OF HOOPS/TIES SHALL BE LESS THAN 100 C/C ALONG THE SPACE.
15. ALL WORK PERFORMED AT CIVIL DRAWING PERMISSION SHALL BE RULED WITH P.C.C. 1:4:8

© This drawing & design is the copyright of the designer. No portion of this drawing may be reproduced without the written permission of the designers.

mm All dimensions are in millimeter unless otherwise specified. Dimensions shall not be scaled off this drawing.

This drawing shall be read in conjunction with structural and other service drawings along with relevant architectural.

+0.00 Level +0.00 corresponds with the prepared floor in the above real level

Contractor shall check and verify all dimensions before commencing any construction work, any discrepancy or omission to be immediately reported to the architect or designer.

PLUMBING & FIRE FIGHTING
C P VIDYA & ASSOCIATES
B.NO. SHYESH HOUSE, KOLHI SITE-2, SECTOR-28, GURGAON, HARYANA-122002 M.

HVAC CONSULTANTS
DEW POINT CONSULTANTS PVT. LTD.
PLOT NO. 8 & 10, 2ND FLOOR, GREEN FLOOR, SAKHERA ROAD,SECTOR-10A, PARSVNATH, INDIA.

ELECTRICAL CONSULTANTS
AMPOWER CONSULTANCY SERVICES
B-128 , 2nd Floor, Naraina Ind. Area , PHASE-1 , NEW DELHI - 110028.

STRUCTURAL CONSULTANT
BMSF DESIGN CONSULTANTS PVT LTD
S1325, GROUND FLOOR, DLF PHASE III - GURGAON - 122002
PH:01244113252
EMAIL:ramit.jain@gmail.com

DRG. TITLE :
FRAMING PLAN & DETAIL AT TYPICAL FLOOR LEVEL (3RD TO 19TH & 21 ST TO 24TH) (TOWER DI,D2)

REVISION :	SCALE :	SHEET SIZE :
R0	N.T.S	A1
DATE : 24-07-2020		

DRAWING NO. :
GODREJ/ST/TYP.FLR.DET.-01

NO.	DATE	REVISION DESCRIPTION	CHECKED	APPROVED
R0	24-07-2020	SUBMISSION	ARIF	A.SAHNI

DRAWN BY : AJAY KR.
DESIGNED BY : HEMA
APPROVED BY : ARIF

ACPL
ISO 9001:2008
Architecture Management Planning
ACPL Design Ltd