4TH FLOOR FRAMING PLAN AND BEAM DETAIL

TYPICAL BRIDGE CONCEPT

SECTION 1-1
(SCALE 1:25)

SECTION 3-3
(SCALE 1:40)

SECTION 2-2
(SCALE 1:25)

LEGEND OF MS MEMBERS		
M1	UB 610x230x125	
M2	ISMB 200@25.4Kg/m	

TYPICAL MAIN BEAM DETAIL

TYPICAL DETAIL OF SECONDRY BEAM REINF.

TYPICAL BEAM ELEVATION - BS2(1000x750)

TYPICAL BEAM ELEVATION - BS3(600x750)

TYPICAL BEAM ELEVATION - BS1(600x600)

4TH FLOOR SCHEDULE OF BEAM REINFORCEMENT

BEAM MKD	BEAM SIZE	BEAM REINFORCEMENT				STIRRUPS SCHEDULE
		BOTTM REINF.		TOP REINF.		
		ALLTN. (SH1)	EXTRA (SH2)	ALLTN. (SY1)	EXTRA (SY2)	STIRRUPS
BS1	(600X600)	6-25T	--	6-25T	4-20T	S5/S6
BS2	(1000x750)	6-32T+4-25T	6-25T	4-32T+4-25T	8-32T	S7/S8
BS3	(600X750)	6-25T	--	4-20T	6-25T	S5/S6
BS4	(600X1050)	6-25T	6-20T	6-25T	6-20T	S5/S6
BS5	(1000X1050)	6-32T+4-25T	6-25T	4-32T+4-25T	8-32T	S7/S8
BS6	(400X750)	4-25T	4-16T	6-25T	4-16T	S3/S4
BS7	(300X600)	3-20T	3-20T	3-20T	3-16T	S1/S2
BS8	(200X600)	2-20T	--	2-20T	--	S1/S2

SCHEDULE OF STIRRUPS

S1	2L--8T@100C/C
S2	2L--8T@200C/C
S3	4L--8T@100C/C
S4	4L--8T@200C/C
S5	4L--8T@100C/C
S6	4L--8T@200C/C
S7	6L--10T@200C/C
S8	6L--10T@200C/C

EXPANSION GAP

LEVEL	EXPANSION GAP
1ST FLOOR	50 mm
2ND FLOOR	100 mm
3RD FLOOR & ABOVE	150 mm

NOTES:
1- FOR GENERAL NOTES REFER DWG NO.ES4/5100
2- ALL DIMENSIONS ARE IN mm.
3- CONC. MIX -M30.
4- GRADE OF REINF. - Fe 550D.
5- THIS DWG. SHALL BE READ WITH ALL RELEVANT ARCH. DRAWING.

PROJECT:
REVISED BUILDING PLAN OF COMMERCIAL COLONY MEASURING 10.4375 ACRES (LICENSE NO. 56 OF 2013 DATED 10.07.2013) IN SECTOR-66, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY ADVANCE INDIA PROJECTS LIMITED.

OWNER SIGN

STRUCTURAL CONSULTANTS
CIVTECH CONSULTANTS PVT LTD
A-45, SECTOR-4, NOIDA-201301
PH. NO. 0120-2544594, E-mail :- Pcivtech@dataone.in

ARCHITECT SIGN

DRAWING TITLE:
4TH FLOOR FRAMING PLAN AND BEAM DETAIL

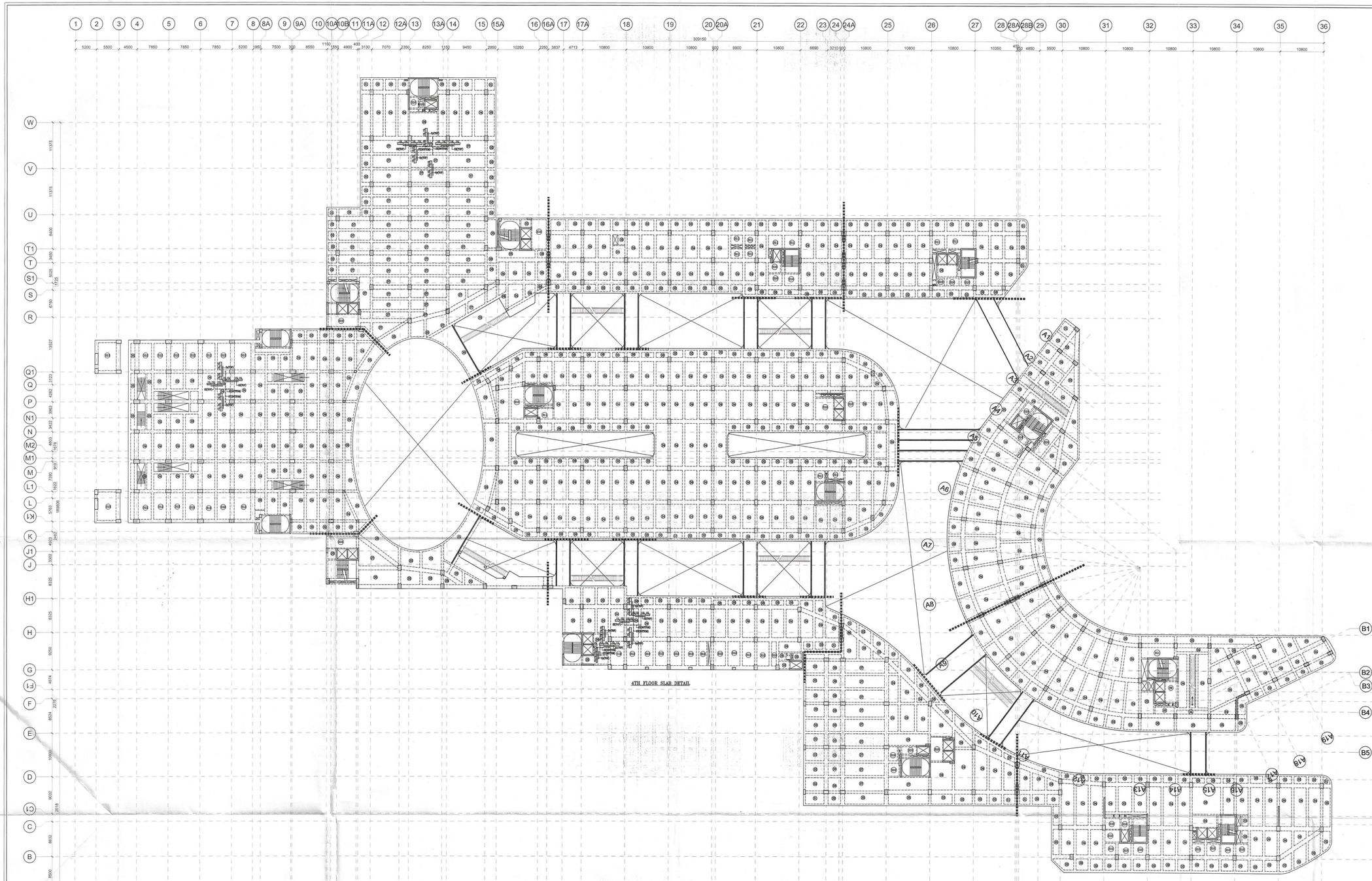
DATE:- 22-04-2024	SCALE:- N.T.S
DRAWN BY:- RAKESH	APPRO. BY:-
DESIGNED BY:- AMIR	CHECKED. BY:- AMIR
DRG. NO :- 924/S/801	SHEET NO:- 1/1
ISSUED FOR :- SUBMISSION	REV NO:-

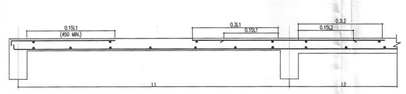
Advance India Projects Limited Authorised Signatory

Naresh Kumar Garg
B.E. (CIVIL) M.E. (Structure)
Emp. ID TPR-797A-2024
Er. PARESH JAUHARI
(M.Tech. Structures - IIT Delhi)
Proof Consultant (TP) (U/A)
Department of Town & Country Planning, Haryana

Naresh Kumar Garg
B.E. (CIVIL) M.E. (Structure)
Emp. ID TPR-797A-2024

Architect Sanjeev Shashank
CA/2012/55891
B.Arch, MCA





TYP. SEC. SHOWING SLAB BARS ARRANGEMENT

SLAB REINF SCHEDULE.
ALL SLAB 150THK.

SLAB MARKED	THK.	BOTTOM REINF. SHORT (Sa)	BOTTOM REINF. LONG (Sa)	TOP REINF. ALONG SHORT(Sa)	TOP REINF. ALONG LONG(Sa)
S1	150mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S2	150mm.	8T@150c/c	8T@150c/c	8T@150c/c	8T@150c/c
S3	150mm.	8T@200c/c	8T@200c/c	8T@175c/c	8T@200c/c
S4	150mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S5	150mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S6	200mm.	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c
S7	150mm.	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c
S8	150mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S9	200mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S10	200mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S11	150mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S12	150mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
S13	150mm.	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c

EXPANSION GAP	
LEVEL	EXPANSION GAP
1ST FLOOR	50 mm
2ND FLOOR	100 mm
3RD FLOOR & ABOVE	150 mm

Advance India Projects Pvt. Ltd. Authorised Signatory

Naresh Kumar Garg
B.E. (CIVIL) M.E. (Structure)
Emp. ID TPR-797A-2024

Er. PARESH JAUHRI (M.Tech. Structures, IIT Delhi)
Chief Consultant (Govt. Approved Class-1A)
Department of Town & Country Planning, Haryana

NOTES:
1- FOR GENERAL NOTES REFER DWG NO.BAN/S108
2- ALL DIMENSIONS ARE IN mm.
3- CONC. MIX 40Sl.
4- GRADE OF REINF. - Fe 550D.
5- THIS DWG. SHALL BE READ WITH ALL RELEVANT ARCH. DRAWING.

PROJECT:
REVISED BUILDING PLAN OF COMMERCIAL COLONY MEASURING 10.4375 ACRES (LICENSE NO. 06 OF 2013 DATED 15.07.2013) IN SECTOR-86, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY ADVANCE INDIA PROJECTS LIMITED.

OWNER SIGN

STRUCTURAL CONSULTANTS
CIVTECH CONSULTANTS PVT LTD
A-65, SECTOR-4 , NOIDA-201301
PH. NO. 0120-2544364, E-mail :- Projects@civtech.in

ARCHITECT SIGN
Architect is only responsible for architectural design of project

DRAWING TITLE:
4TH FLOOR SLAB DETAIL

DATE:- 22-04-2024	SCALE:- N.T.S
DRAWN BY:- RAKESH	APPRO. BY:-
DESIGNED BY:- AMIR	CHECKED. BY:- AMIR
DRG. NO :- 924/S/802	SHEET NO:- 1/1
ISSUED FOR :- SUBMISSION	REV NO:-

Naresh Kumar Garg
B.E. (CIVIL) M.E. (Structure)
Emp. ID TPR-797A-2024

K. Shashen
CA/2012/55884
M.Arch, MCA