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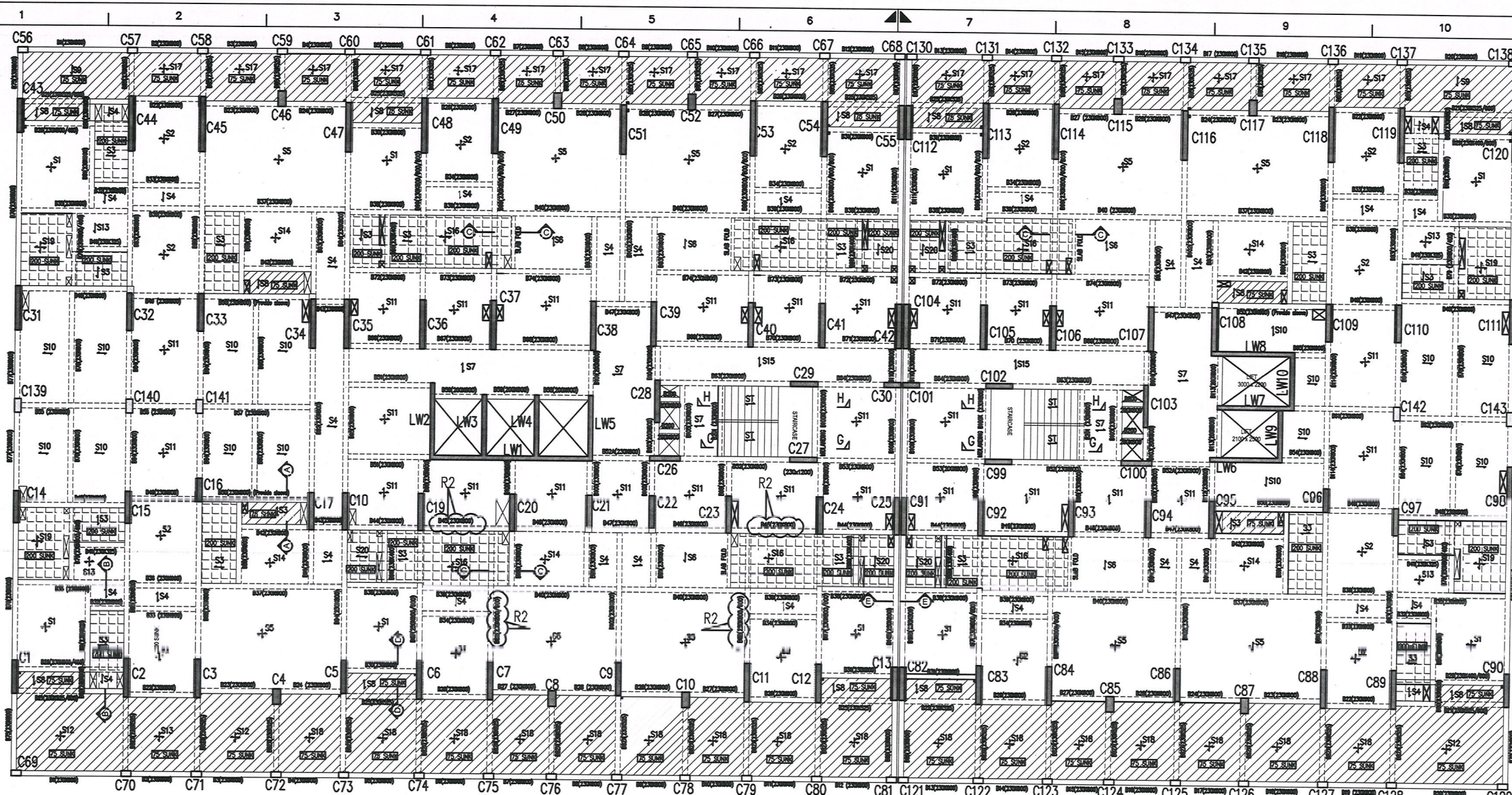
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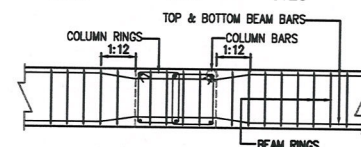
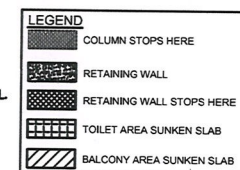
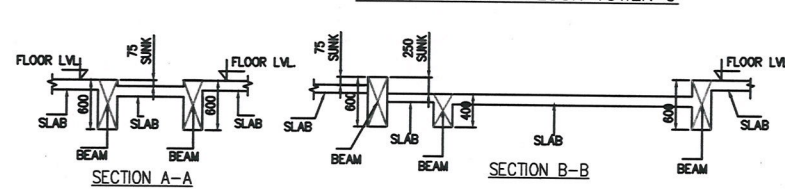
If in doubt ask EPICONS



SCHEDULE OF SLABS

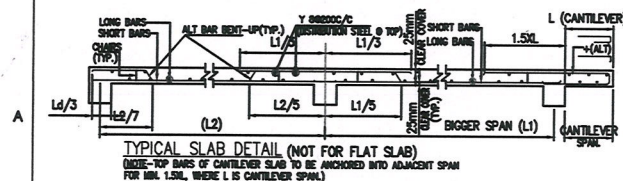
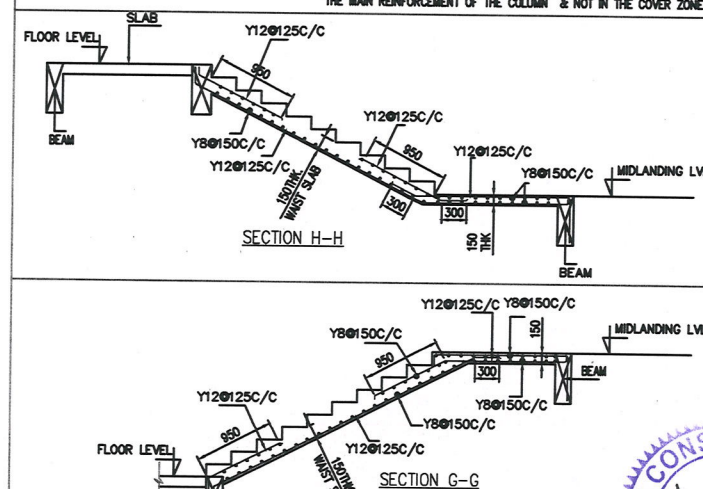
SLAB MKD.	THICKNESS	TYPE	REINFORCEMENT (@ BOTTOM UNLESS SPECIFIED OTHERWISE)		REMARKS
			SHORT BARS	LONG BARS	
S1, S2, S11	125	TWOWAY	Y8@175C/C	Y8@175C/C	
S3	125	ONEWAY	Y8@150C/C	Y8@250C/C	200 SUNK
S4	125	ONEWAY	Y8@200C/C	Y8@250C/C	
S5	175	TWOWAY	Y10@125C/C	Y10@125C/C	
S6	125	ONEWAY	Y8@100C/C	Y8@200C/C	
S7	125	ONEWAY	Y10@125C/C	Y8@200C/C	
S8	125	ONEWAY	Y8@200C/C	Y8@250C/C	75 SUNK
S9	125	ONEWAY	Y8@125C/C	Y8@200C/C	75 SUNK
S10	125	ONEWAY	Y8@125C/C	Y8@250C/C	
S12	150	TWOWAY	Y10@150C/C	Y10@150C/C	75 SUNK
S13	125	TWOWAY	Y8@250C/C	Y8@250C/C	
S14	125	TWOWAY	Y8@200C/C	Y8@200C/C	
S15	125	ONEWAY	Y8@125C/C	Y8@200C/C	
S16	125	TWOWAY	Y8@150C/C	Y8@150C/C	200 SUNK
S17	125	TWOWAY	Y8@200C/C	Y8@200C/C	75 SUNK
S18	125	TWOWAY	Y8@150C/C	Y8@150C/C	75 SUNK
S19	125	TWOWAY	Y10@100C/C	Y8@200C/C	200 SUNK
S20	125	ONEWAY	Y8@200C/C	Y10@125C/C	200 SUNK
ST	150	ONEWAY	Y8@150C/C	Y12@125C/C	STAIRCASE SLAB

LAYOUT AT FIRST FLOOR TOWER C



ARRANGEMENT SHOWING BEAM BARS IN PLAN @ COL-JUNCTION

THE MAIN REINFORCEMENT OF THE BEAM HAS TO BE LAID WITHIN THE MAIN REINFORCEMENT OF THE COLUMN & NOT IN THE COVER ZONE



TYPICAL SLAB DETAIL (NOT FOR FLAT SLAB)

TYPICAL FRAMING BEAM DETAIL (WITH SHEARWALL)

FRAMING BEAMS - SINGLE OR MULTI SPAN BEAMS WITH ALL SUPPORTS ON COLUMNS (NOTE - YBAR MARKED AS IS CANTILEVER BAR)

LEGEND	
U.N.O.	UNLESS NOTED OTHERWISE
F.L.	FINISHED FLOOR LEVEL
G.L.	FINISHED GROUND LEVEL
E.L.	EXISTING GROUND LEVEL
TYP.	TYPICAL
T.O.C.	TOP OF CONCRETE
B.O.B.	BOTTOM OF BEAM
B/W.	BOTH WAYS
C.L.	CENTRE LINE
C/C.	CENTRE TO CENTRE SPACING
SFR.	SIDE FACE REINFORCEMENT
INV.	INVERTED BEAM
R/S.	REGULAR W.R.T. SUNK
L.	DEVELOPMENT LENGTH
R/F.	REINFORCEMENT STEEL

- GENERAL NOTES
- ALL DIMENSIONS ARE IN mm AND LEVELS IN METER (U.N.O.)
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS, SERVICE CONSULTANTS DRGS. AND CIVIL CONTRACT DOCUMENT.
 - DO NOT SCALE THE DRAWING.
 - AMENDMENTS IF ANY SHALL BE RESOLVED WITH M/S. EPICONS PRIOR TO EXECUTION OF WORK.
 - FOLLOW LATEST REVISION OF ALL RELEVANT DRAWINGS AND B.I.S. CODES.
 - 'HOLD' MARK MEANS WORK SHALL NOT BE EXECUTED
 - ONLY VALID FOR CONSTRUCTION DRG. SHALL BE USED FOR EXECUTION OF WORK.
 - CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS BEFORE EXECUTION OF WORK.
 - ADDITIONAL TESTS ON CONCRETE ARE RECOMMENDED TO MEET DURABILITY REQUIREMENTS. REFER SEPARATE DOCUMENT EDP, INT/R/1- ANNEXURE 1 FOR FURTHER DETAILS.
 - ALL THE R.C.C./STRUCTURAL WORK SHALL BE EXECUTED STRICTLY UNDER COMPETENT TECHNICAL SUPERVISION SEPARATELY PROVIDED BY THE OWNER.

- TECHNICAL SPECIFICATIONS
- CONTRACTOR SHALL COMPLY WITH ALL THE REQUIREMENTS OF IS : 456 (SECTION 1 AND 2) FOR R.C.C. AND P.C.C. WORKS
 - IS : 800 FOR STRUCTURAL STEEL WORK
 - IS : 1343 FOR PRE-STRESSED CONCRETE WORK
 - IS : 4826 FOR READY MIXED CONCRETE
 - CEMENT SHALL CONFORM TO OPC - IS : 8112 / IS 12269, PPC - IS : 1489, PSC - IS : 4550, SRC - IS : 12330
 - RY-100 ASH SHALL CONFORM TO IS : 3612
 - GGSS SHALL CONFORM TO IS : 12069
 - STRUCTURAL STEEL SHALL CONFORM TO IS 2062 (GRADE-A)
 - CHEMICAL AD MIXTURES SHALL CONFORM TO IS : 9103
 - Y INDICATES HIGH STRENGTH DEFORMED STEEL REINFORCEMENT BARS CONFORMING TO IS : 1786
 - HT STRANDS FOR POST TENSIONING WORK SHALL COMPLY WITH IS : 14268
 - THE CONSTRUCTION MATERIAL SHALL BE STRICTLY TESTED AS PER RELEVANT B.I.S. CODES BEFORE USE
 - GRADE OF CONCRETE FOR R.C.C. SHALL BE AS SPECIFIED BY US WITH MINIMUM/MAXIMUM CEMENT CONTENTS AND W/B RATIO AS PER IS 456 : 2000.
 - ENVIRONMENTAL EXPOSURE CONDITION - MODERATE

CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS (U.N.O.)	
1. FOOTINGS/RAFT/PILE CAP : BOTTOM & TOP = 50mm, SIDE = 75mm.	
2. COLUMNS : BELOW GR. = 65mm (min) ABOVE GR. = 40mm.	
3. FLOOR SLABS : BOTTOM & TOP = 50mm, SIDE = 50mm.	
4. FLOOR BEAMS : BOTTOM = 40mm, SIDE = 25mm (FOR B < 150mm) TOP = 25mm, SIDE = 40mm (FOR B > 150mm)	
5. FLOOR SLABS : BOTTOM & TOP = 25mm, SIDE = 40mm.	
6. SHEAR WALL / LIFT WALLS : BELOW GR. = 65mm (min) ABOVE GR. = 40mm.	
7. WATER TANK : WALL SIDE = 40mm, SLAB = 40mm.	
8. STAIRCASE WAIST SLAB : BOTTOM = 35mm, TOP = 35mm.	
LAP LENGTH FOR REIN. BARS (d = DIA OF BAR)	
GRADE OF CONCRETE (FOR Fe-415 STEEL) (FOR Fe-500 STEEL) (FOR Fe-500 D STEEL)	
M-20	47 d
M-25	47 d
M-30	47 d
M-35	47 d
M-40	47 d
M-45 AND ABOVE	47 d

- PROVIDE SIDE FACE REINFORCEMENT FOR BEAMS WITH UEL/TH MURK. 11MM / 20mm.
- REIN. FROM SUPPLIER'S LITIGATION
- SUPERIMPOSED LOAD ON FLOOR SLABS SHALL NOT EXCEED 2.5 KN/SQ.M. (U.O.)
 - CONSTRUCTION JOINT IN THE FLOOR SHALL BE LOCATED AT L/3 OF SPANS FOR SLAB AND BEAMS WITH OUR PRIOR PERMISSION. NO CONSTRUCTION JOINT IS PERMISSIBLE FOR CANTILEVER OR LARGE SPAN SLAB/BEAM.
 - UPSTAND PORTION OF INVERTED BEAMS SHALL BE CONCRETED TOGETHER WITH THE RESPECTIVE FLOOR SLAB.
 - CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGN AND SATISFACTORY PERFORMANCE OF THE FORMWORK.
 - FORMWORK SHALL BE PROVIDED WITH PROPER CAMBER AT APPROPRIATE LOCATION.
 - FORMWORK REMOVAL SHALL CONFORM TO PROVISIONS OF IS 456 : 2000, SUBJECT TO ACHIEVEMENT OF MINIMUM COMPRESSIVE STRENGTH OF CONCRETE 0.7 F_{ck} AT 7 DAYS AND 0.8 F_{ck} AT 14 DAYS.
 - BACK PROPPING IF NECESSARY SHALL BE PROVIDED TO FLOOR SLABS AND BEAMS IN CASE OF SPECIAL CONSTRUCTION REQUIREMENTS.

- * FOR LEVELS, DIMENSIONS & SLOPES REFER RESPECTIVE ARCHITECTURAL DRAWINGS.
- * FOR SLEEVES, CUT-OUT DETAILS REFER RESPECTIVE MEP SERVICES DRAWINGS.

- * GRADE OF CONCRETE M-30 FOR BEAMS & SLABS
- * GRADE OF CONCRETE M-30 FOR BEAMS - COLUMN JUNCTION
- * GRADE OF REINFORCEMENT STEEL Fe-500

DRAWING INTENTION : VALID FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	DRN BY	CHK. BY	REASON FOR REVISION
R2	16/01/25	REVISED AS MARKED R2	MAYUR	PANKAJ	
R1	10/01/25	REVISED AS MARKED R1	MAYUR	PANKAJ	
RO	26/12/24	VALID FOR CONSTRUCTION	MAYUR	PANKAJ	
RA	20/12/24	ADVANCE COPY	MAYUR	PANKAJ	

ARCHITECT : M/s. BENTEL

CLIENT : ALLIANCE MALL DEVELOPERS CO PVT LTD

PROJECT : "PROZONE PALMS" AT COMBATORE - Tower-C (Florence), comprising of Basement Floor+5th Floor+18 Floors at S.F.No. 199/1A, 200, 201, 202/2 Part and 206 of Shivanthipuram, Sathy Road, Saravanampatti - VI, Coimbatore North, Coimbatore - Dist., Tamil Nadu - 641035

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EPICONS CONSULTANTS PVT LTD
CONSULTING CIVIL AND STRUCTURAL ENGINEERS
504, M Square IT Park, Opp. ESIC Hospital, Road No. 33, Wagle Estate, Thane (W) - 400 604.
Phone No. 022-41006216/022-4450821

DRN. BY	CHK. BY	APPR. BY	DRG. NO.	REV. NO.
PANKAJ	MAYUR	PANKAJ	9622/WD-109	R-2

JOB. NO. 9622
ITEM TOWER C

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Forms & Templates, Document Generator, Document Translation, Dictionary



Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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We're honored to be part of your
real estate journey

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