SCHEDULE OF R.C.C BEAMS .

BEAM NOS.	BEAM TOP LEVEL	SIZE B	SIZE D	BOTTOM REINFORCEMENT @ LEFT SUPPORT	BOTTOM REINFORCEMENT MID - SPAN	BOTTOM REINFORCEMENT @ RIGHT SUPPORT	TOP REINFORCEMENT @ LEFT SUPPORT	TOP REINFORCEMENT MID - SPAN	TOP REINFORCEMENT @ RIGHT SUPPORT	SIDE FACE REINF. ON EACH FACE	STIRRUPS LEFT SUP. DIA	LEFT SUP. @c/c	LEFT SUP. DIST	CENTRE DIA	CENTRE @c/c	RIGHT SUP. DIA	RIGHT SUP. @c/c	RIGHT SUP. DIST	BEAM TYPE	REMARKS
B1	000	200	800	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	3-T8	2L-T8-150								TYPE-4	CANTILEVER BEAM REFER DETAIL
B2,B3,B8,B10,B11,B70, B71,B74,B111,B112,B119, B120,B174,B184,B185	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B4	000	200	800	2-T16	2-T16	2-T16	2-T10	2-T10	2-T10	3-T8	2L-T10-150								TYPE-5	-
B5,B12,B16,B17, B67,B68,B72,B115,B116, B124,B125,B171,B182, B183	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B6	000	1450	650	REFER SECTION DWG. NO. 10/851-E4-SCDT-03															TYPE-4	CANTILEVER BEAM REFER DETAIL
B7	000	310	650	2-T16	2-T16	2-T16	2-T10	2-T10	2-T10	-	2L-T10-150								TYPE-5	-
B9,B117	000	200	650	2-T16	2-T10 (300) + 2-T16	2-T16	2-T10	2-T10	2-T10	-	2L-T8-300								TYPE-5	-
B13,B14,B15,B21,B28, B49,B61,B62,B96,B95, B126,B127,B128,B135, B161,B173,B205	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B18,B59,B60,B121, B129A	-250 / 000	200	350 / 650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-200								TYPE-5	REFER DETAIL
B18A,B129,B165,B168	000 / -250	200	650 / 350	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-200								TYPE-5	REFER DETAIL
B19	000	200	650 / 470	2-T16	2-T16	2-T16	2-T10	2-T10	2-T10	-	2L-T8-250								TYPE-5	REFER DETAIL
B20,B22,B23,B30,B54, B130,B131,B162,B164, B211,B212	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B26,B35,B44,B137, B143,B149,B151,B152	000	200	650	2-T16	2-T16	2-T16	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B32,B52,B64,B133,B153, B179	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B33	000	200	650	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	-	2L-T8-150								TYPE-4	CANTILEVER BEAM REFER DETAIL
B34,B36,B37,B39,B41, B42,B43,B45,B46,B53, B56,B146,B158,B170	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B38,B94,B141,B204	+450	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	INVERTED BEAM
B40,B147	-60	200	590	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B48,B51,B154,B157	000	300	450	2-T16+1-T12	2-T16+1-T12	2-T16+1-T12	2-T10	2-T10	2-T10	-	2L-T8-200								TYPE-5	-
B57,B109,B110,B166, B206,B207,B216,B217	000	200	650	2-T12	2-T12	2-T12	2-T12	2-T12	2-T12	-	2L-T8-150								TYPE-4	CANTILEVER BEAM REFER DETAIL
B58,B76,B80,B81,B83, B99,B100,B101,B102, B156,B180,B189, B191,B193,B194	000	200	650	2-T16	2-T16	2-T16	2-T10	2-T10	2-T10	-	2L-T8-200								TYPE-5	-
B58A	AS PER PLAN	325	300	3-T10	3-T10	3-T10	3-T10	3-T10	3-T10	-	2L-T8-150								TYPE-5	-
B63	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
MB63	MID LANDING LEVEL	200	450	2-T10	2-T10	2-T10	2-T8	2-T8	2-T8	-	2L-T8-250								TYPE-5	MID LANDING BEAM
B66,B87,B199	000	200	650	2-T16	2-T16	2-T16	2-T10	2-T10	2-T10	-	2L-T8-300								TYPE-5	-
B69,B79,B82,B97,B98, B106,B107,B159,B167, B190,B192,B213	000	200	650	2-T12	2-T12	2-T12	2-T12	2-T12	2-T12	-	2L-T8-150								TYPE-4	CANTILEVER BEAM REFER DETAIL
B78,B85,B91,B92, B140,B142,B144,B150, B176,B188,B195,B202, B203,B208,B209,B210	000	200	650	2-T12	2-T12	2-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B88,B198	000	200	650	2-T12	2-T12	2-T12	2-T12	2-T12	2-T12	-	2L-T8-300								TYPE-5	-
B105,B113,B214	000	200	650	2-T16	2-T12 (300) + 2-T16	2-T16	2-T10	2-T10	2-T10	-	2L-T8-250								TYPE-5	-
B108,B215	000	200	650	2-T12	2-T12	2-T12	2-T10	2-T10	2-T10	-	2L-T8-300								TYPE-5	-
B122	000	200	420	2-T10	2-T10	2-T10	2-T8	2-T8	2-T8	-	2L-T8-250								TYPE-5	-
B132	000	200	470	2-T16	2-T16	2-T16	2-T10	2-T10	2-T10	-	2L-T8-250								TYPE-5	-
B134,B136	000	300	450	3-T12	3-T12	3-T12	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
B145	000	400 / 200	650	2-T16+2-T12	2-T16+2-T12	2-T16	4-T10	4-T10	2-T10	-	2L-T8-200								TYPE-5	REFER DETAIL
B175	-200	860	450	7-T12	7-T12	7-T12	6-T10	6-T10	6-T10	-	2L-T10-125 (REFER DETAIL IN DWG. NO. SECTION 09/851-E4-SCDT-03)								TYPE-5	-
B186,B200	000	200	450	2-T10	2-T10	2-T10	2-T8	2-T8	2-T8	-	2L-T8-300								TYPE-5	-
HB	AS PER PLAN	200	SLAB THK	2-T12	2-T12	2-T12	2-T10	2-T10	2-T10	-	-								-	HIDDEN BEAM
DB1,DB2	000	(FOR BEAM REINF. & SIZE REFER SECTION 35 & 36 IN DWG. NO. 851-E4-SCDT-07)																		REFER DETAIL

DELETED BEAM NO.:- B24,B25,B27,B29,B31,B47,B50,B55,B65,B73,B75,B77,B84,B86,B89,B90,B93,B103,B104,B114,B123,B138,B139,B148,B155,B160,B163,B169,B172,B177,B178,B181,B187,B196,B197,B201

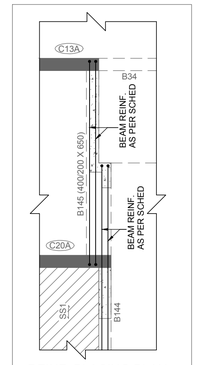
SCHEDULE OF R.C.C FRAMING BEAMS.

BEAM NOS.	FLOOR	GRADE	BEAM TOP LEVEL	SIZE B	SIZE D	BOTTOM REINFORCEMENT @ LEFT SUPPORT	BOTTOM REINFORCEMENT MID - SPAN	BOTTOM REINFORCEMENT @ RIGHT SUPPORT	TOP REINFORCEMENT @ LEFT SUPPORT	TOP REINFORCEMENT MID - SPAN	TOP REINFORCEMENT @ RIGHT SUPPORT	SIDE FACE REINF. ON EACH FACE	STIRRUPS LEFT SUP. DIA	LEFT SUP. @c/c	LEFT SUP. DIST	CENTRE DIA	CENTRE @c/c	RIGHT SUP. DIA	RIGHT SUP. @c/c	RIGHT SUP. DIST	BEAM TYPE	REMARKS
MB118	F2 TO F6	M30	MID LANDING LEVEL	300	650	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	-	3L-T10-100								1	MID LANDING BEAM
	F7 TO F9	M30	MID LANDING LEVEL	300	650	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	2-T25+1-T20	-	2L-T10-100								1	
	F10 TO F13	M30	MID LANDING LEVEL	300	650	3-T20	3-T20	3-T20	3-T20	3-T20	3-T20	-	2L-T10-100								1	
	F13 TO TERRACE	M30	MID LANDING LEVEL	300	650	3-T20	3-T20	3-T20	3-T20	3-T20	3-T20	-	2L-T8-100								1	

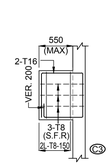
SCHEDULE OF R.C.C. SLABS. :-

NOS.	THK.	MAIN REINF.	DISTRIBUTION REINF.	REMARKS
S1,S3	120	T8 - 230 (A.B.B.U.)	T8 - 230 (A.B.B.U.)	TWO WAY SLAB
S1A,S6,S6A	120	T8 - 250	T8 - 300	ONE WAY SLAB
S1B	130	T8 - 250	T8 - 300	ONE WAY SLAB
S2	120	T8 - 230 (A.B.B.U.)	T8 - 230 (A.B.B.U.)	TWO WAY SLAB
S4	130	T8 - 125 (A.B.B.U.)	T8 - 125 (A.B.B.U.)	TWO WAY SLAB
S5	120	T8 - 250	T8 - 300	ONE WAY SLAB
S11	175	T10 - 150 (A.B.B.U.)	T10 - 250 (A.B.B.U.)	TWO WAY SLAB
SP1	200	T8 - 200 (TOP) T8 - 200 (BOTTOM)	T8 - 200 (TOP) T8 - 200 (BOTTOM)	ONE WAY SLAB
ST	125	T8 - 150 (TOP) T8 - 150 (BOTTOM)	T8 - 150 (TOP) T8 - 150 (BOTTOM)	SUNK AS PER PLAN ONE WAY SLAB
ST1	125	T8 - 150 (TOP) T8 - 150 (BOTTOM)	T8 - 150 (TOP) T8 - 150 (BOTTOM)	SUNK AS PER PLAN TWO WAY SLAB
SS1	120	T8 - 250 (A.B.B.U.)	T8 - 250	ONE WAY SLAB
SS2	120	T8 - 250	T8 - 250	**ONE WAY SLAB**
SS3	120	T8 - 250	T8 - 250	**ONE WAY SLAB**
SC	120	T8 - 200 (A.B.B.B.)	T8 - 250 (TOP) T8 - 250 (BOTTOM)	CANTILEVER SLAB
SC1	150	T8 - 175 (A.B.B.B.)	T8 - 200 (TOP) T8 - 200 (BOTTOM)	CANTILEVER SLAB
SC1A	150	T10 - 125 (A.B.B.B.)	T8 - 200 (TOP) T8 - 200 (BOTTOM)	**CANTILEVER SLAB**
SC3	200	T8 - 150 (A.B.B.B.)	T8 - 200 (TOP) T8 - 200 (BOTTOM)	CANTILEVER SLAB
SC8	175	T12 - 125 (A.B.B.B.)	T10 - 125 (TOP) T8 - 250 (BOTTOM)	CANTILEVER SLAB
SC9	175	T10 - 125 (A.B.B.B.)	T8 - 200 (TOP) T8 - 200 (BOTTOM)	**CANTILEVER SLAB**
SC10	120	T8 - 200 (A.B.B.B.)	T8 - 250 (TOP) T8 - 250 (BOTTOM)	CANTILEVER SLAB
SC12	150	T8 - 200 (A.B.B.B.)	T8 - 250 (TOP) T8 - 250 (BOTTOM)	**CANTILEVER SLAB**
SM1	150	T10 - 150	T8 - 250	STAIRCASE SECONDARY SLAB
SM1A	150	T10 - 115	T10 - 150	STAIRCASE MAIN SLAB
SM2	160	T10 - 150	T8 - 250	STAIRCASE SECONDARY SLAB
SM2A	160	T12 - 125	T10 - 150	STAIRCASE MAIN SLAB

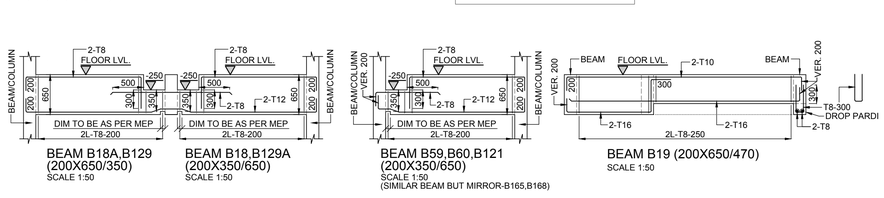
(DELETED SLAB:- S7 TO S10,SC2,SC4,SC5,SC6,SC7,SC11)



REINF. PLACING PLAN FOR BEAM B145
SCALE 1:50



BEAM B1 (200X800)
SCALE 1:50 (CANT. BEAM)

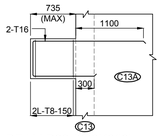


BEAM B18A,B129 (200X650/350)
SCALE 1:50

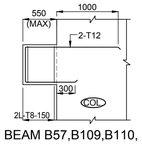
BEAM B18,B129A (200X350/650)
SCALE 1:50

BEAM B59,B60,B121 (200X350/650)
SCALE 1:50
(SIMILAR BEAM BUT MIRROR-B165,B168)

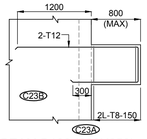
BEAM B19 (200X650/470)
SCALE 1:50



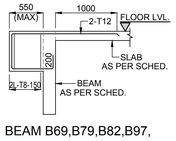
BEAM B33 (200X650)
SCALE 1:50 (CANT. BEAM)



BEAM B57,B109,B110, B206,B207,B216,B217 (200X650)
SCALE 1:50 (CANT. BEAM)



BEAM B166 (200X650)
SCALE 1:50 (CANT. BEAM)



BEAM B69,B79,B82,B97, B98,B106,B107,B159,B167, B190,B192,B213 (200X650)
SCALE 1:50 (CANT. BEAM)

PROVISION :
BUILDING IS DESIGNED FOR GROUND + 12 UPPER RESIDENTIAL FLOORS + 2 FLOOR PROVISION EXCLUDING TERRACE.

GENERAL NOTES :
1) CONCRETE :**M30** UNLESS SPECIFIED OTHERWISE (Max W/C Ratio=0.42)
2) STEEL : T.M.T. STEEL CONFORMING TO IS 1786 (FE 550D).
3) REFER GENERAL DETAIL DRAWING AND NOTES FOR TYPICAL COLUMN DETAILS.
4) LAP LENGTH TO REINF. : Ld FOR BEAMS / SLABS / COLUMNS.
5) DESIGN & CONSTRUCTION IN ACCORDANCE WITH THE PROVISIONS OF IS 456:2000,
6) READ THIS DRAWING WITH RELEVANT ARCHITECTURAL DRAWINGS
7) IN CASE OF ANY DISCREPANCY KINDLY CONTACT THE DESIGN ENGINEER.
8) THE NUMBER OF FLOORS FOR WHICH RESHORING HAS TO BE PROVIDED BELOW THE SHUTTERING OF THE SLAB BEING CAST SHOULD BE DECIDED BY THE CONTRACTOR CONSIDERING THE LOAD CARRYING CAPACITY OF SLABS BELOW IS NOT MORE THAN 300 Kg/M2.

DRAWING REFERENCE :-
1) 851-E4-TYP-01
2) 851-E4-REFUGE-01 R1

CLIENT:
M/S. LODHA DWELLERS PVT. LTD

ARCHITECT
-

DESIGN ARCHITECT:
KAPADIA ASSOCIATES

MEP CONSULTANT:
MICRO ENGINEERING

PROJECT:
PALAVA - LAKEFRONT

PROJECT ADDRESS:
PALAVA MUMBAI.

GOOD FOR CONSTRUCTION

SUBJECT TO ARCHITECT/CLIENT'S APPROVAL

REVISIONS

NO.	DESCRIPTION	BY	CKD.	DATE
R1	REVISED AS MARKED	SCP	SRP	01.09.2021

DRAWN	SCP
DESIGNED	SRP
CHECKED	Subhash
APPROVED	VG

SHEET TITLE:
BEAM & SLAB SCHEDULE & BEAM SECTION DETAILS AT TYPICAL FLOOR LEVEL (BLDG. E4)

PROJ.	BLDG. TYPE	DWG. TYPE	DWG. NO.	REV.
851	E4	TYP	02	R1

SIGN/STAMP:

LIC. NO.	STR/G/105	DATE	25.01.2021

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