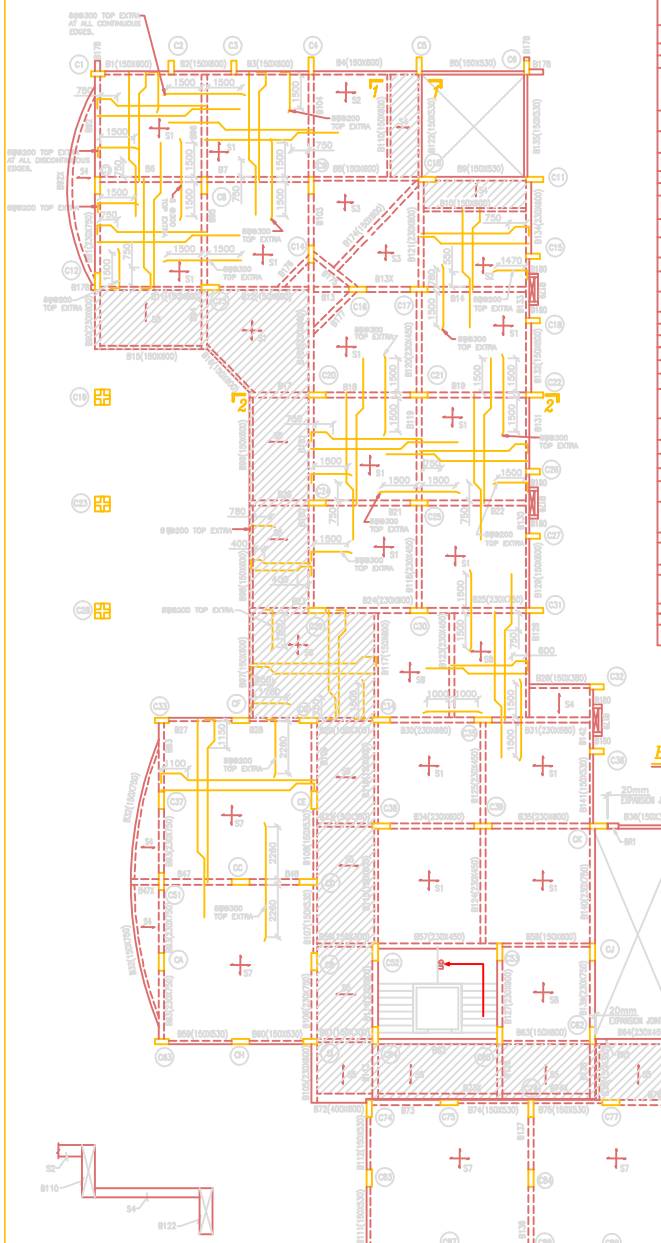
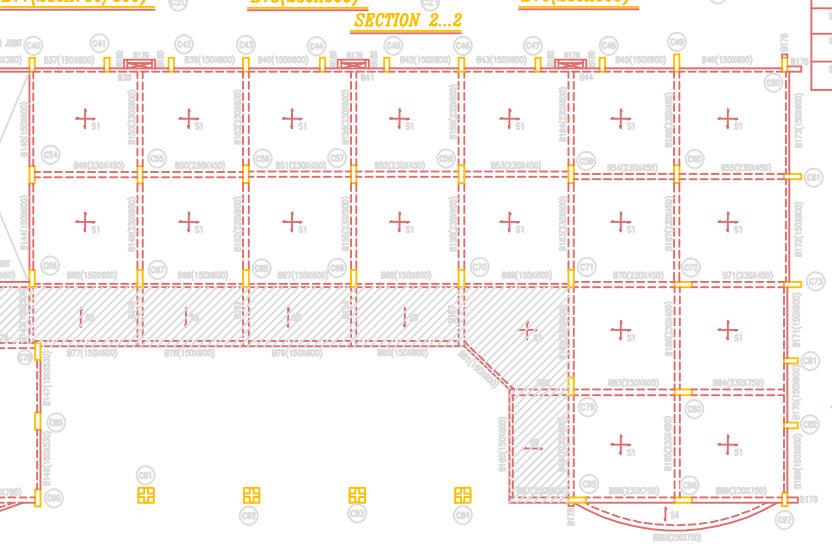


SECTION 1...1

B17(230X750/600) B18(230X900) B19(230X600)

SECTION 2...2



SCHEDULE OF BEAMS AT 3rd SLAB LEVEL.

BEAM NOS.	SIZE	BOTTOM BARS		TOP BARS		STIRRUPS C/C		REMARKS
		STRAIGHT	CURTAILED	STRAIGHT	EXTRA	UP TO L/3	SPAN	
B1,B2,B37,B38,B62,B42,B43,B45,B129,B131,B139,B168,B171	150X800	2NOS.12 @	–	2NOS. 8 @	2NOS.16 @	6 @ @ 150	6 @ @ 200	–
B3,B4,B36,B67,B44,B136,B133,B170,B175	150X800	2NOS.16 @	–	2NOS. 8 @	2NOS.16 @	8 @@ 200	8 @@ 200	–
B4,B8,B104,B128	150X800	3NOS.20 @	–	3NOS. 12 @	–	8 @@ 200	8 @@ 200	–
B5,B139	150X530	3NOS.12 @	–	2NOS. 8 @	2NOS.12 @	6 @ @ 150	6 @ @ 200	–
B56,B57,B58,B63,B87,B92,B53,B54,B55,B70,B71,B116,B118,B119,B120,B124,B125,B145,B146,B147,B148	230X450	3NOS.20 @	–	3NOS. 12 @	+ 2NOS.20 @ 1NOS.12 @	8 @@ 150	8 @@ 200	–
B6,B122	150X530	+ 2NOS.16 @ 1NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	300 SUNK
B10,B110,B127	150X800	+ 2NOS.16 @ 1NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	–
B11,B12,B65,B66,B87,B88,B89	150X800	+ 2NOS.20 @ 1NO.12 @	–	2NOS. 12 @	3NOS. 16 @	8 @@ 200	8 @@ 200	–
B13,B13X	230X800	2NOS.12 @	–	2NOS. 8 @	2NOS.20 @	6 @ @ 150	6 @ @ 150	–
B14	230X900	2NOS.20 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	–
B15,B16,B61,B160	150X800	+ 2NOS.16 @ 1NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	150 SUNK
B17,B23,B62,B64,B157	230X750/600	2NOS.25 @	–	5NOS. 25 @ ANCH. BACK	–	8 @@ 200	8 @@ 200	CANTILEVER 150 SUNK
B18,B63,B65,B158	230X900	2NOS.12 @	–	2NOS. 16 @	–	8 @@ 200	8 @@ 200	4NOS. 8 @ MIDDEPTH BARS
B19,B66,B159	230X600	4NOS.16 @	–	2NOS. 8 @	2NOS. 25 @	8 @@ 150	8 @@ 200	–
B20,B149,B151,B154	230X750/600	3NOS.16 @	–	4NOS. 25 @ ANCH. BACK	–	8 @@ 200	8 @@ 200	CANTILEVER 150 SUNK
B21,B149,B152,B155	230X900	2NOS.12 @	–	2NOS. 16 @	–	8 @@ 200	8 @@ 200	4NOS. 8 @ MIDDEPTH BARS
B22,B150,B153,B156	230X600	4NOS.16 @	–	2NOS. 8 @	2NOS. 25 @	8 @@ 200	8 @@ 200	–
B24	230X900	2NOS.25 @	–	2NOS. 8 @	2NOS. 25 @	8 @@ 150	8 @@ 200	–
B25	230X750	2NOS.25 @	–	2NOS. 8 @	2NOS. 25 @	8 @@ 200	8 @@ 200	–
B26,B36,B64	150X380	2NOS.16 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	–
B27,B141	150X530	2NOS.12 @	–	2NOS. 8 @	2NOS. 16 @	8 @@ 200	8 @@ 200	–
B28	150X530	3NOS.16 @	–	2NOS. 8 @	–	8 @@ 200	8 @@ 200	–
B29,B33,B56,B61,B138,B143	150X300	2NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	150 SUNK
B30,B31	230X880	+ 2NOS.20 @ 1NOS.12 @	–	2NOS. 8 @	3NOS. 20 @	8 @@ 100	8 @@ 180	–
B32,B85	150X750	3NOS.16 @	–	2NOS. 12 @	–	6 @ @ 150	6 @ @ 150	–
B34,B39	230X800	2NOS.25 @	–	2NOS. 8 @	2NOS. 20 @	8 @@ 150	8 @@ 200	–
B46,B172,B173	150X800	3NOS.16 @	–	2NOS. 8 @	2NOS. 16 @	8 @@ 200	8 @@ 200	–
B47,B136	230X880	2NOS.12 @	–	+ 2NOS. 25 @ 1NO. 12 @	CARRED UP TO L/3 ON CC & CSG	8 @@ 200	8 @@ 200	–
B47X,B136X	230X750	2NOS.8 @	–	+ 2NOS. 25 @ 1NO. 12 @ FROM CNWL	–	8 @@ 200	8 @@ 200	CANTILEVER
B48,B137	230X880	2NOS.16 @	–	2NOS. 8 @	–	8 @@ 200	8 @@ 200	–
B57	230X450	+ 2NOS.25 @ 1NO.16 @	–	2NOS. 16 @	–	8 @@ 100	8 @@ 150	–
B58,B63	150X800	2NOS.20 @	–	2NOS. 12 @	–	6 @ @ 150	6 @ @ 150	–
B59,B60,B74,B75,B107,B108,B111,B112,B144,B147	150X530	2NOS.16 @	–	2NOS. 8 @	2NOS. 16 @	8 @@ 200	8 @@ 200	–
B62,B73,B76,B109,B109	150X530	2NOS.16 @	–	2NOS. 8 @	–	8 @@ 200	8 @@ 200	–
B72	150X800	2NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 150	150 SUNK
B73X	230X800	+ 2NOS.25 @ 1NO.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	–

SCHEDULE OF BEAMS AT 3rd SLAB LEVEL.

BEAM NOS.	SIZE	BOTTOM BARS		TOP BARS		STIRRUPS C/C		REMARKS
		STRAIGHT	CURTAILED	STRAIGHT	EXTRA	UP TO L/3	SPAN	
B76X	230X800	2NOS.16 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	–
B77,B78,B79,B80,B97,B85,B89	150X800	2NOS.16 @	–	2NOS. 8 @	2NOS.16 @	6 @ @ 150	6 @ @ 200	150 SUNK
B84	230X750	3NOS.16 @	–	2NOS. 8 @	2NOS. 25 @	8 @@ 200	8 @@ 200	–
B85,B93	230X750	3NOS.16 @	–	2NOS. 8 @	+ 2NOS. 16 @ 1NO. 12 @	8 @@ 150	8 @@ 200	–
B87,B90	230X800	3NOS.12 @	–	+ 2NOS. 25 @ 1NO. 12 @ ANCH. BACK	–	6 @ @ 150	6 @ @ 150	CANTILEVER 150 SUNK
B88,B91	230X750	2NOS.12 @	–	2NOS. 16 @	CARRED UP TO L/3 ON C7 & C89	6 @ @ 150	6 @ @ 200	–
B89,B92	230X750	2NOS.16 @	–	2NOS. 12 @	–	6 @ @ 100	6 @ @ 150	–
B89X,B92X	230X750	3NOS.25 @	–	3NOS. 12 @	–	6 @ @ 150	6 @ @ 150	–
B100	230X800	+ 2NOS.20 @ 1NO.12 @	–	2NOS. 8 @	2NOS. 16 @	8 @@ 200	8 @@ 200	–
B101	230X900	2NOS.12 @	–	2NOS. 16 @	2NOS. 25 @	6 @ @ 100	6 @ @ 150	4NOS. 8 @ MIDDEPTH BARS
B102	230X900	3NOS.25 @	–	2NOS. 8 @	–	8 @@ 200	8 @@ 200	4NOS. 8 @ MIDDEPTH BARS
B103	150X800	2NOS.12 @	–	2NOS. 8 @	2NOS. 20 @	6 @ @ 100	6 @ @ 150	–
B105	230X800	2NOS.8 @	–	2NOS. 25 @ ANCH. BACK	–	6 @ @ 150	6 @ @ 150	CANTILEVER 150 SUNK
B106	230X750	3NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 150	–
B113	230X750/600	2NOS.25 @	–	6NOS. 25 @ ANCH. BACK	CARRED UP TO L/3 OVER C82	8 @@ 200	8 @@ 200	CANTILEVER 150 SUNK
B114,B127	230X800	2NOS.25 @ FROM CNWL	–	2NOS. 25 @	–	8 @@ 200	8 @@ 200	4NOS. 8 @ MIDDEPTH BARS
B115,B116,B117	150X800	4NOS.16 @	–	2NOS. 8 @	3NOS. 16 @	8 @@ 200	8 @@ 200	–
B121,B134	230X800	3NOS.12 @	–	2NOS. 8 @	+ 2NOS.20 @ 1NO.12 @	6 @ @ 150	6 @ @ 200	–
B123	230X450	+ 2NOS.25 @ 1NO.16 @	–	2NOS. 8 @	–	6 @ @ 100	6 @ @ 150	–
B126	230X750/600	2NOS.25 @	–	6NOS. 25 @ ANCH. IN C53 FOR 1400mm.	–	8 @@ 200	8 @@ 200	CANTILEVER 150 SUNK
B136X	230X800	2NOS.12 @	–	2NOS. 12 @ ANCH. BACK	–	6 @ @ 150	6 @ @ 150	CANTILEVER 150 SUNK
B139	230X750	2NOS.12 @	–	3NOS. 12 @	2NOS.16 @	6 @ @ 150	6 @ @ 150	–
B140	230X750	2NOS.16 @	–	2NOS. 8 @	–	6 @ @ 100	6 @ @ 150	–
B144,B145	150X800	3NOS.16 @	–	2NOS. 8 @	2NOS.16 @	8 @@ 200	8 @@ 200	–
B142	150X880	+ 2NOS.25 @ 1NO.12 @	–	2NOS. 8 @	–	8 @@ 100	8 @@ 100	–
B161,B162,B163,B164	230X800	+ 2NOS.20 @ 1NO.12 @	–	2NOS. 8 @	2NOS. 25 @	8 @@ 200	8 @@ 200	–
B174	150X800	+ 2NOS.25 @ 1NO.12 @	–	2NOS. 12 @	–	6 @ @ 150	6 @ @ 200	–
B176,B177	150X380	2NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 150	–
B178	230X300	2NOS.8 @	–	2NOS. 12 @	–	6 @ @ 100	6 @ @ 100	CANTILEVER
B179	150X450	2NOS.12 @	–	2NOS. 8 @	–	6 @ @ 150	6 @ @ 200	–
B180	150X450	2NOS.12 @	–	2NOS. 12 @ BENT BACK ANCH. IN BEAM	–	6 @ @ 150	6 @ @ 150	CANTILEVER
BR1	230X450	2NOS.16 @ FROM TOP	–	2NOS. 16 @ BENT BACK	–	2 NOS. 8 @		CANTILEVER REFER SEC.
BR2	230X450	2NOS.16 @ FROM TOP	–	2NOS. 16 @ BENT BACK	–	2 NOS. 8 @		CANTILEVER REFER SEC.

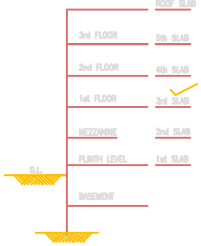
SCHEDULE OF SLABS AT 3rd SLAB LEVEL.

SLAB NO.	THICKNESS	SHORT SPAN	LONG SPAN	DISTRIBUTION	SPANNING	REMARKS
S1	135	8 @ @ 250 C/C ALT. BENT UP @750	8 @ @ 250 C/C ALT. BENT UP @750	–	TWO WAY	8 @@200/300C/C TOP EXTRA.
S2	135	8 @ @ 175 C/C ALT. BENT UP @550	8 @ @ 200 C/C ALT. BENT UP @700	–	TWO WAY	8 @@200/300C/C TOP EXTRA.
S3	115	8 @ @ 200 C/C	8 @ @ 200 C/C	–	TWO WAY	–
S4	100	8 @ @ 200 C/C NO. BENT UP	–	6 @ @ 150 C/C	ONE WAY	S4 OF WC 500 SUNK
S5	125	8 @ @ 150 C/C ALT. BENT UP @ 400	–	6 @ @ 150 C/C	ONE WAY	
S6	150	8 @ @ 150 C/C ALT. BENT UP @750	8 @ @ 200 C/C ALT. BENT UP @850	–	TWO WAY	8 @@200/300C/C TOP EXTRA.
S7	175	8 @ @ 120 C/C ALT. BENT UP @1100	8 @ @ 150 C/C ALT. BENT UP @1150	–	TWO WAY	8 @@200/300C/C TOP EXTRA.
S8	125	8 @ @ 200 C/C ALT. BENT UP @400	8 @ @ 200 C/C ALT. BENT UP @750	–	TWO WAY	8 @@ 300C/C TOP EXTRA.

NOTES:–

1) FOR GENERAL NOTES OF R.C.C. WORK REFER OUR DRG. NO. RE81/01

2) DRAWING RELEASED FOR COMMENTS ONLY. DRAWING NOT TO BE ISSUED FOR CONSTRUCTION.



KEY SECTION

PROJECT : PROPOSED COMMERCIAL COMPLEX-4 FOR A.P.M.C. S.NO.74+75+76(NASHIK)+29/1+2+30/3/3 (MAKHMALABAD) NASHIK

FOR : CHAIRMAN, APMC, NASHIK

STRUCTURAL CONSULTANT:

ANAND BHAGWATWAR CONSULTING CIVIL ENGINEERS

ARCHITECT : ANANT TECHNOCRATS PVT.LTD.

DRAWING : LAYOUT AT 3rd SLAB LEVEL AND SCHEDULE OF SLABS AND BEAMS

DWN.: APB	CHK.: APB	DATE : 14.05.2001	DRAWING NO.: 2K81/07
DWN.: Jigna		REV : NO	