

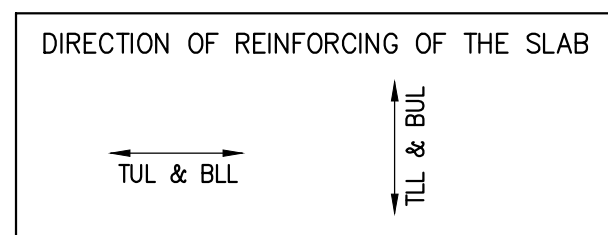
## 2ND FLOOR FRAMING PLAN

SCALE 1 : 100

- TOP OF SLAB IS AT ELEVATION AS SHOWN ON ARCH. DRAWINGS EXCEPT AS CROSSED AND NOTED ON PLAN.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE:  
FOR WALLS AND COLUMNS ..... SEE SCHEDULE  
FOR EXT. SLABS ..... 35 MPa  
FOR INTERIOR SLABS ..... 25 MPa  
FOR BEAMS ..... 35 MPa  
FOR PICK-UP SLABS ..... 35 MPa  
CONCRETE EXPOSED TO ELEMENTS SHALL BE 35 MPa WITH 6% TO 8% ENTRAINED AIR.

	S.I.D.	LL.
STAIRS & BALCONIES	0.50 KPa	4.80 KPa
LOCKERS & STORAGE	1.30 KPa	4.80 KPa
RESIDENTIAL	1.3 KPa	1.9 KPa
TOILETS	1.30 KPa	2.40 KPa
TERRACES	5.0 KPa	4.80 KPa

- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- TEMPERATURE REINFORCING FOR : 200 SLAB IS 100250, 500 SLAB IS 150200, 700 SLAB IS 200210.
- NO OPENINGS LARGER THAN 300mm x 300mm ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
- SEE TYPICAL DETAILS ON DRAWINGS S-001 TO S-006.
- SEE GENERAL NOTES ON DRAWINGS S-001.
- REFER TO ARCH. DRAWINGS FOR SLOPES OF SLAB.
- FOR COLUMN & WALL SCHEDULE SEE DRAWINGS S-301 TO S-306.
- COORDINATE BEAM DEPTH AT DOOR OPENINGS WITH ARCH. DRAWINGS.
- EXTEND TEMP. REINF. TO END OF BALCONIES/OVERHANGS.
- TOP BARS TERMINATING AT EDGE OF SLAB TO HAVE 180° HOOK.



## 2ND FLOOR BEAM SCHEDULE (fc'=35MPa)

MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS	REMARKS
			BOTTOM CONT.	TOP CONT. "A" BARS		
BM-1	1400	700	12-25	6-20	10 10110, 60230, 0400	ADD 1-15HEF
BM-2	1200	700	8-20	5-20	10 10185, 0370	ADD 1-15HEF
BM-3	1200	700	8-20	5-20	10 10185, 0370	ADD 1-15HEF
BM-4	800	700	5-25	4-20	15 1070, 60140, 0400	ADD 1-15HEF
BM-5	600	700	5-30	4-20	15 10150, 0300	ADD 1-15HEF
BM-6	600	700	4-20	4-20	10 10110, 0220	ADD 1-15HEF
BM-7	600	700	4-25	4-20	10 10110, 0220	ADD 1-15HEF
BM-7a	600	700	4-20	4-20	10 10125, 0250	ADD 1-15HEF
BM-8	800	700	5-20	7-30	10 10200, 0400	ADD 1-15HEF
BM-9	800	700	7-35	7-30	15 1050, 21095, 0235	ADD 1-15HEF
BM-10	800	700	5-20	7-30	10 10200, 0400	ADD 1-15HEF
BM-11	600	700	6-25	6-30	10 10200, 0400	ADD 1-15HEF
BM-12	600	700	6-25	6-30	15 10175, 0350	ADD 1-15HEF *
BM-13	800	700	6-25	6-25	10 10150, 0300	ADD 1-15HEF
BM-14	800	700	6-25	6-25	15 10135, 50270, 0350	ADD 1-15HEF
BM-15	800	700	6-30	6-25	15 10135, 50270, 0350	ADD 1-15HEF
BM-16	800	700	5-20	6-30	15 10175, 0350	ADD 1-15HEF *
BM-17	800	700	5-20	5-20	10 10150, 0330	ADD 1-15HEF
BM-18	800	700	6-25	6-25	15 10110, 60220, 0350	ADD 1-15HEF
BM-19	800	700	7-25	6-20	15 1085, 80175, 0270	ADD 1-15HEF
BM-20	800	700	5-20	6-30	15 10175, 0350	ADD 1-15HEF *
BM-21	1000	700	16-35 2 LAYERS	6-20	15 10150, 0300	ADD 1-15HEF
BM-22	1000	700	16-35 2 LAYERS	6-20	15 10150, 0300	ADD 1-15HEF
BM-23	800	700	5-20	5-20	10 10150, 0330	ADD 1-15HEF
BM-24	800	700	6-25	5-20	15 10110, 60220, 0350	ADD 1-15HEF
BM-25	800	700	7-25	6-25	15 1085, 80175, 0270	ADD 1-15HEF
BM-26	800	700	5-20	6-30	15 10175, 0350	ADD 1-15HEF *

\* CAMBER UP END OF THE BEAM 20 mm

## 2ND FLOOR BEAM SCHEDULE (fc'=35MPa)

MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS	REMARKS
			BOTTOM CONT.	TOP CONT. "A" BARS		
BM-27	1300	1000	30-25 3 LAYERS	8-30	15 10100, 60200, 0250	ADD 1-15HEF
BM-28	800	700	8-35	6-20	15 1085, 80175, 0275	ADD 1-15HEF
BM-29	800	700	6-25	6-20	15 10100, 100200, 0350	ADD 1-15HEF
BM-30	800	700	8-35	6-20	15 1085, 80175, 0275	ADD 1-15HEF
BM-31	800	700	8-25	6-20	15 10100, 100200, 0350	ADD 1-15HEF
BM-32	800	700	10-30	6-20	15 1070, 100140, 0200	ADD 1-15HEF
BM-33	800	700	10-20	6-20	15 10175, 0350	ADD 1-15HEF
BM-34	1500	700	10-35	8-20	15 1065, 100130, 0300	ADD 1-15HEF
BM-35	1500	700	14-20	6-20	15 10175, 0350	ADD 1-15HEF
BM-36	1200	700	9-25	6-20	15 10175, 0350	ADD 1-15HEF
BM-36a	1200	700	9-25	6-20	15 10145, 50290, 0350	ADD 1-15HEF
BM-37	1200	700	9-25	9-25	15 10175, 0350	ADD 1-15HEF *
BM-38	1500	700	13-30	10-20	10 10150, 0300	ADD 1-15HEF
BM-39	700	700	4-25	4-20	10 10135, 0270	ADD 1-15HEF
BM-40	700	700	4-25	4-20	10 10135, 0270	ADD 1-15HEF
BM-41	800	700	6-20	6-20	10 10150, 0300	ADD 1-15HEF
BM-42	1000	700	9-35	6-20	15 1080, 80165, 0250	ADD 1-15HEF
BM-43	1000	800	27-35 3 LAYERS	7-25	15 1070, 100140, 0300	ADD 1-15HEF
BM-44	800	700	7-25 2 LAYERS	4-25	15 10100, 0200	ADD 1-15HEF
BM-45	1000	700	16-35 2 LAYERS	6-25	15 10100, 100200, 0250	ADD 1-15HEF
BM-46	700	700	4-25	4-20	10 10150, 0300	ADD 1-15HEF
BM-47	1300	800	13-35	7-30	15 1085, 0170	ADD 1-15HEF
BM-48	1300	800	13-35 2 LAYERS	7-30	15 10125, 0250	ADD 1-15HEF
BM-49	800	800	14-35 2 LAYERS	7-20	15 1080, 100165, 0250	ADD 1-15HEF
BM-50	800	800	12-35 2 LAYERS	7-20	15 1085, 80170, 0195	ADD 1-15HEF
BM-51	200	1000	2-20	2-20	10 10150, 0300	ADD 150300 HEF
BM-52	1300	500	8-25	5-20	10 10150, 0300	ADD 1-15HEF

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FIRST FLOOR ELEV. 93.60m

NO.	Issued / Revised	date
1	ISSUED FOR PERMIT	2014-08-30
2	REV. ISSUED FOR PERMIT	2014-07-10
3	ISSUED FOR FORMING TENDER	2014-04-27
4	CONSTRUCTION PERMIT	2014-04-01
5	REV. ISSUED FOR PERMIT	2014-01-27
6	ISSUED FOR CONSTRUCTION	2013-08-16
7	UPDATED - IFC	2013-04-08
8	UPDATED - IFC	2013-03-21
9	ISSUED FOR S.I.	2013-07-26

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scale 1:100  
drawn by H.W.  
reviewed by H.P.  
date started: MARCH 2014

2ND FLOOR  
FRAMING PLAN

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