



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.
- FLOOR SLABS ARE DESIGNED FOR FOLLOWING LOADING CONDITIONS :

	S.I.D.	L.L.
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 10@200, 500 SLAB IS 15@200, 700 SLAB IS 20@210.
- 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/OVERHANDS.
- TOP BARS TERMINATING AT EDGE OF SLAB TO HAVE 180° HOOK.

2ND FLOOR BEAM SCHEDULE (f_c'=35MPa)

MARK	WIDTH	DEPTH	REINFORCEMENT			STIRRUPS			REMARKS
			BOTTOM CONT.	TOP CONT.	"A" BARS	SIZE	TYPE	SPACING EACH END	
BM-1	1400	700	12-25	6-20	10	10#10, 6@230, 6@400			ADD 1-15HEF
BM-2	1200	700	8-20	5-20	10	10#185, 6@370			ADD 1-15HEF
BM-3	1200	700	8-20	5-20	10	10#185, 6@370			ADD 1-15HEF
BM-4	800	700	5-25	4-20	15	10#70, 6@190, 6@400			ADD 1-15HEF
BM-5	600	700	5-30	4-20	15	10#150, 6@300			ADD 1-15HEF
BM-6	600	700	4-20	4-20	10	10#110, 6@220			ADD 1-15HEF
BM-7	600	700	4-25	4-20	10	10#110, 6@220			ADD 1-15HEF
BM-7a	600	700	4-20	4-20	10	10#125, 6@250			ADD 1-15HEF
BM-8	800	700	5-20	7-30	10	10#200, 6@400			ADD 1-15HEF
BM-9	800	700	7-35	7-30	15	10#50, 21@195, 6@235			ADD 1-15HEF
BM-10	800	700	5-20	7-30	10	10#200, 6@400			ADD 1-15HEF
BM-11	600	700	6-25	6-30	10	10#200, 6@400			ADD 1-15HEF *
BM-12	600	700	6-25	6-30	15	10#175, 6@350			ADD 1-15HEF *
BM-13	800	700	6-25	6-25	10	10#150, 6@300			ADD 1-15HEF
BM-14	800	700	6-25	6-25	15	10#135, 5@270, 6@350			ADD 1-15HEF
BM-15	800	700	6-30	6-25	15	10#135, 5@270, 6@350			ADD 1-15HEF
BM-16	800	700	5-20	6-30	15	10#175, 6@350			ADD 1-15HEF *
BM-17	800	700	5-20	5-20	10	10#150, 6@330			ADD 1-15HEF
BM-18	800	700	6-25	6-25	15	10#110, 6@220, 6@350			ADD 1-15HEF
BM-19	800	700	7-25	6-20	15	10#85, 8@175, 6@270			ADD 1-15HEF
BM-20	800	700	5-20	6-30	15	10#175, 6@350			ADD 1-15HEF *
BM-21	1000	700	14-35 2 LAYERS	6-20	15	10#150, 6@300			ADD 1-15HEF
BM-22	1000	700	14-35 2 LAYERS	6-20	15	10#150, 6@300			ADD 1-15HEF
BM-23	800	700	5-20	5-20	10	10#150, 6@330			ADD 1-15HEF
BM-24	800	700	6-25	5-20	15	10#110, 6@220, 6@350			ADD 1-15HEF
BM-25	800	700	7-25	6-25	15	10#85, 8@175, 6@270			ADD 1-15HEF
BM-26	800	700	5-20	6-30	15	10#175, 6@350			ADD 1-15HEF *

* CAMBER UP END OF THE BEAM 20 mm

2ND FLOOR BEAM SCHEDULE (f_c'=35MPa)

MARK	WIDTH	DEPTH	REINFORCEMENT			STIRRUPS			REMARKS
			BOTTOM CONT.	TOP CONT.	"A" BARS	SIZE	TYPE	SPACING EACH END	
BM-27	1300	1000	30-25 3 LAYERS	8-30	15	10#100, 6@200, 6@250			ADD 1-15HEF
BM-28	800	700	8-35	6-20	15	10#85, 8@175, 6@275			ADD 1-15HEF
BM-29	800	700	6-25	6-20	15	10#100, 10@200, 6@350			ADD 1-15HEF
BM-30	800	700	8-35	6-20	15	10#85, 8@175, 6@275			ADD 1-15HEF
BM-31	800	700	8-25	6-20	15	10#100, 10@200, 6@350			ADD 1-15HEF
BM-32	800	700	10-30	6-20	15	10#70, 10@140, 6@200			ADD 1-15HEF
BM-33	800	700	10-20	6-20	15	10#75, 6@350			ADD 1-15HEF
BM-34	1500	700	10-35	8-20	15	10#65, 18@130, 6@300			ADD 1-15HEF
BM-35	800	700	10-20	6-20	15	10#75, 6@350			ADD 1-15HEF
BM-36	800	700	5-20	5-20	15	10#175, 6@350			ADD 1-15HEF
BM-36a	800	700	6-25	5-20	15	10#145, 5@290, 6@350			ADD 1-15HEF
BM-37	800	700	5-20	6-30	15	10#175, 6@350			ADD 1-15HEF *
BM-38	1500	700	13-30	10-20	10	10#150, 6@300			ADD 1-15HEF
BM-39	700	700	4-25	4-20	10	10#135, 6@270			ADD 1-15HEF
BM-40	700	700	4-25	4-20	10	10#135, 6@270			ADD 1-15HEF
BM-41	800	700	6-20	6-20	15	10#150, 6@300			ADD 1-15HEF
BM-42	1000	700	9-35	6-20	15	10#80, 8@165, 6@250			ADD 1-15HEF
BM-43	1000	800	27-35 3 LAYERS	7-25	15	10#70, 18@140, 6@300			ADD 1-15HEF
BM-44	800	700	7-25	4-25	15	10#100, 6@200			ADD 1-15HEF
BM-45	1000	700	16-35 2 LAYERS	6-25	15	10#100, 10@200, 6@250			ADD 1-15HEF
BM-46	700	700	4-25	4-20	10	10#150, 6@300			ADD 1-15HEF
BM-47	1300	800	13-35	7-30	15	10#X3, 10#85, 6@170			ADD 1-15HEF
BM-48	1300	800	14-35 2 LAYERS	7-30	15	10#125, 6@250			ADD 1-15HEF
BM-49	800	800	14-35 2 LAYERS	7-20	15	10#80, 10@165, 6@250			ADD 1-15HEF
BM-50	800	700	12-35 2 LAYERS	7-20	15	10#85, 8@170, 6@195			ADD 1-15HEF
BM-51	200	1000	4-20 2 LAYERS	2-20	10	10#150, 6@300			ADD 15@300 HEF
BM-52	1300	500	8-25	5-20	10	10#150, 6@300			ADD 1-15HEF

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IMPERIAL SCALE DRAWING
FIRST FLOOR ELEV. 93.60m

No.	Issued / Revised	Date
1	ISSUED FOR PERMIT	2014/04/18
2	REVISOR FOR PERMIT	2014/04/18

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

Project no: 13015
Scale: 1:100
Drawn by: H.W. HOLMAN
Reviewed by: MARCH 2014

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