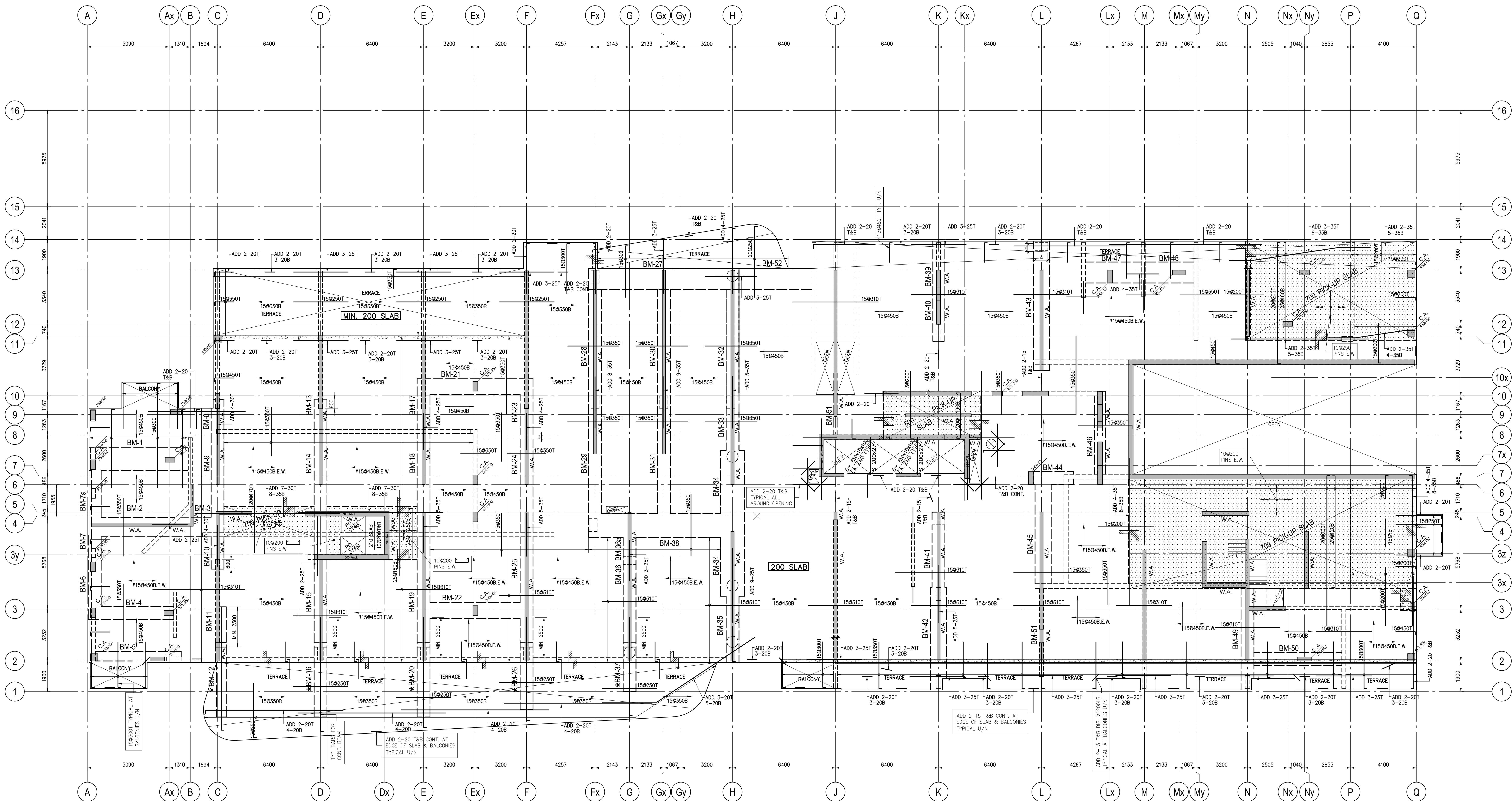




2ND FLOOR FRAMING PLAN

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 35 MPa
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 10#250, 500 SLAB IS 10#200, 700 SLAB IS 10#200.
- 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.

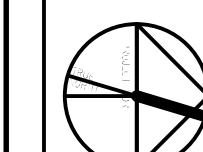
2ND FLOOR BEAM SCHEDULE (f _c '=35MPa)									
MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS	SIZE	TYPE	SPACING EACH END	REMARKS
			BOTTOM CONT.	TOP CONT.					
BM-1	1400	700	12-25	6-20	10	10#10	6#220, #400		ADD 1-15HEF
BM-2	1200	700	8-20	5-20	10	10#15	6#370		ADD 1-15HEF
BM-3	1200	700	8-20	5-20	10	10#15	6#370		ADD 1-15HEF
BM-4	800	700	5-25	4-20	15	10#70	6#9140, #400		ADD 1-15HEF
BM-5	600	700	5-30	4-20	15	10#50	6#300		ADD 1-15HEF
BM-6	600	700	4-20	4-20	10	10#10	6#220		ADD 1-15HEF
BM-7	600	700	4-25	4-20	10	10#10	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#955, #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#9270, #350		ADD 1-15HEF
BM-15	800	700	6-30	6-25	15	10#135	5#9270, #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#9220, #350		ADD 1-15HEF
BM-19	800	700	7-25	6-20	15	10#55	8#9175, #270		ADD 1-15HEF
BM-20	800	700	5-20	6-30	15	10#175	6#350		ADD 1-15HEF *
BM-21	1000	700	16-35 LAYERS	6-20	15	10#150	6#300		ADD 1-15HEF
BM-22	1000	700	16-35 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#9220, #350		ADD 1-15HEF
BM-25	800	700	7-25	6-25	15	10#55	8#9175, #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	SIZE	TYPE	SPACING EACH END	REMARKS
			BOTTOM CONT.	TOP CONT.					
BM-27	1300	1000	30-25 LAYERS	8-30	15	10#100	6#9200, #250		ADD 1-15HEF
BM-28	800	700	8-35	6-20	15	10#55	8#9175, #275		ADD 1-15HEF
BM-29	800	700	6-25	6-20	15	10#100	10#200, #350		ADD 1-15HEF
BM-30	800	700	8-35	6-20	15	10#55	8#9175, #275		ADD 1-15HEF
BM-31	800	700	8-25	6-20	15	10#100	10#200, #350		ADD 1-15HEF
BM-32	800	700	10-30	6-20	15	10#70	10#9140, #200		ADD 1-15HEF
BM-33	800	700	10-20	6-20	15	10#175	6#350		ADD 1-15HEF
BM-34	1500	700	10-35	8-20	15	10#55	18#9140, #300		ADD 1-15HEF
BM-35	800	700	10-20	6-20	15	10#175	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#9290, #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	10	10#150	6#300		ADD 1-15HEF
BM-42	1000	700	9-35	6-20	15	10#80	8#9165, #250		ADD 1-15HEF
BM-43	1000	800	27-35 LAYERS	7-25	15	10#70	18#9140, #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 LAYERS	6-25	15	10#100	10#200, #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#55, #270		ADD 1-15HEF
BM-48	1300	800	14-35 LAYERS	7-30	15	10#X3	10#125, #250		ADD 1-15HEF
BM-49	800	800	12-35 LAYERS	7-20	15	10#80	10#9165, #250		ADD 1-15HEF
BM-50	800	700	12-35 LAYERS	7-20	15	10#55	8#9170, #195		ADD 1-15HEF
BM-51	200	1000	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



IMPERIAL SCALE DRAWING		
FIRST FLOOR ELEV. 93.60m		
NO.	Issued / Revised	date
1	ISSUED FOR PERMIT	2014-08-27
2	REVISOR FOR PERMIT	2014-08-27
3	ISSUED FOR FORMING TENDER	2014-08-27



project no. 13015
scale: 1:100
drawn by: H.W. HOLMAN
checked by: MARCH 2014

2ND FLOOR
FRAMING PLAN

S-104