

PENTHOUSE FLOOR BEAM SCHEDULE ($f'_c = 35\text{MPa}$)

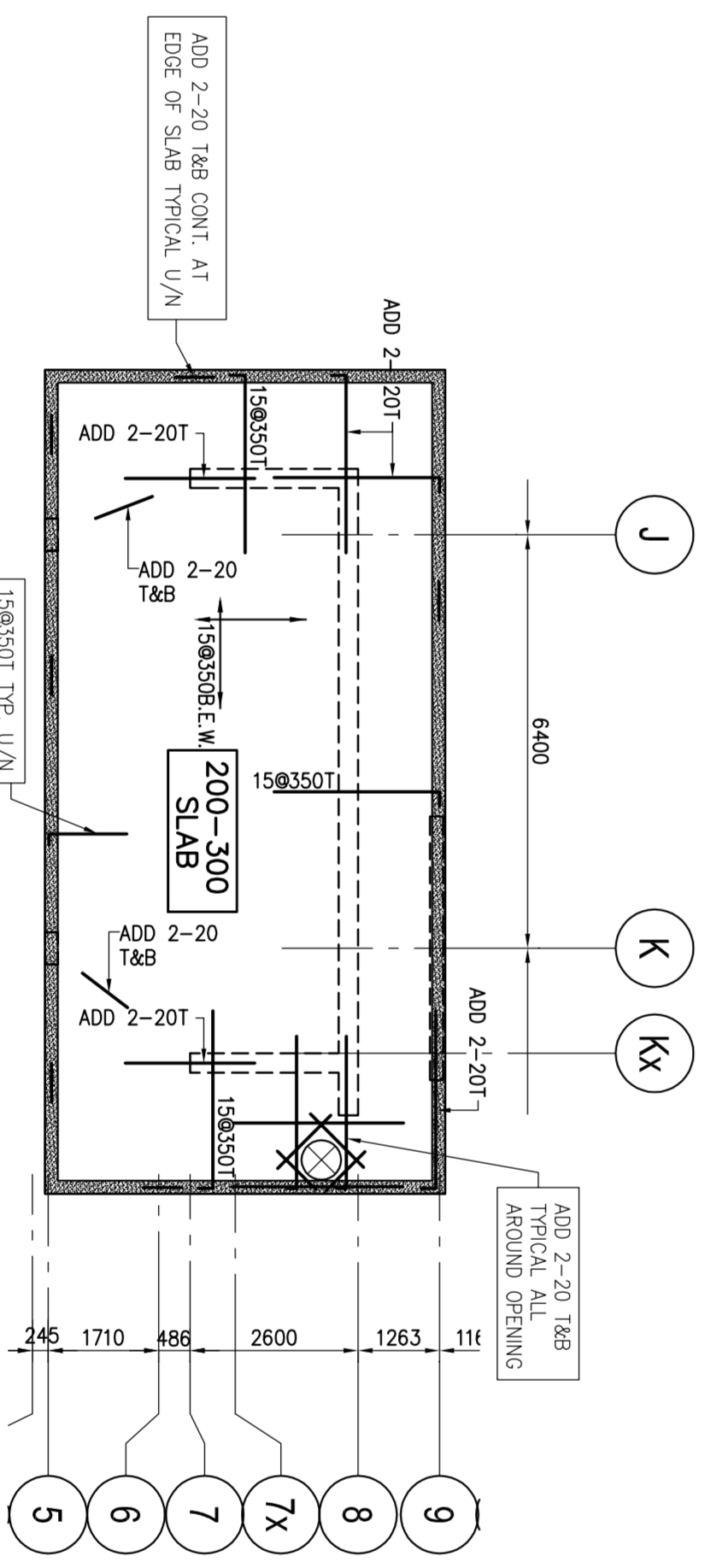
MARK	REINFORCEMENT			SPACING		REMARKS
	WIDTH	DEPTH	BOTTOM	TOP	EACH END	
BM-1	700	150	5-25	3-20	10	ADD 1-15 BAR
BM-2	700	150	5-25	3-20	10	ADD 1-15 BAR
BM-3	1000	500				
BM-4	1000	500				
BM-5	1000	500				

PENTHOUSE 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 BEAMS 35 MPa
 - CONCRETE EXPOSED TO ELEMENTS SHALL BE 35 MPa WITH 6% TO BE ENRICHED AS.
 - FLOOR SLABS ARE DESIGNED FOR FOLLOWING LOADING CONDITIONS:

	S.L.D.	L.L.
STAIRS & BALCONIES	0.50 MPa	4.80 MPa
LOADERS & STORAGE	1.50 MPa	4.80 MPa
RESIDENTIAL	1.50 MPa	1.9 MPa
TOILETS	1.50 MPa	2.40 MPa
TRUCKS	5.0 MPa	4.80 MPa
 - MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
 - TEMPERATURE REINFORCING FOR:
 - 250 SLAB IS 100000.
 - 300 SLAB IS 150000.
 - 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-005.
 - SEE GENERAL NOTES ON DRAWING S-001.
 - REFER TO ARCH. DRAWINGS FOR SLOPES OF SLAB.
 - FOR COLUMN & WALL SCHEDULE SEE DRAWINGS S-201 TO S-206.
 - COORDINATE BEAM DEPTH AT CORNER OPENINGS WITH ARCH. DRAWINGS.
 - EXTEND TEMP. REINF. TO END OF BALCONIES/OVERHANGS.
 - TOP BARS TERMINATING AT EDGE OF SLAB TO HAVE 180° HOOK.

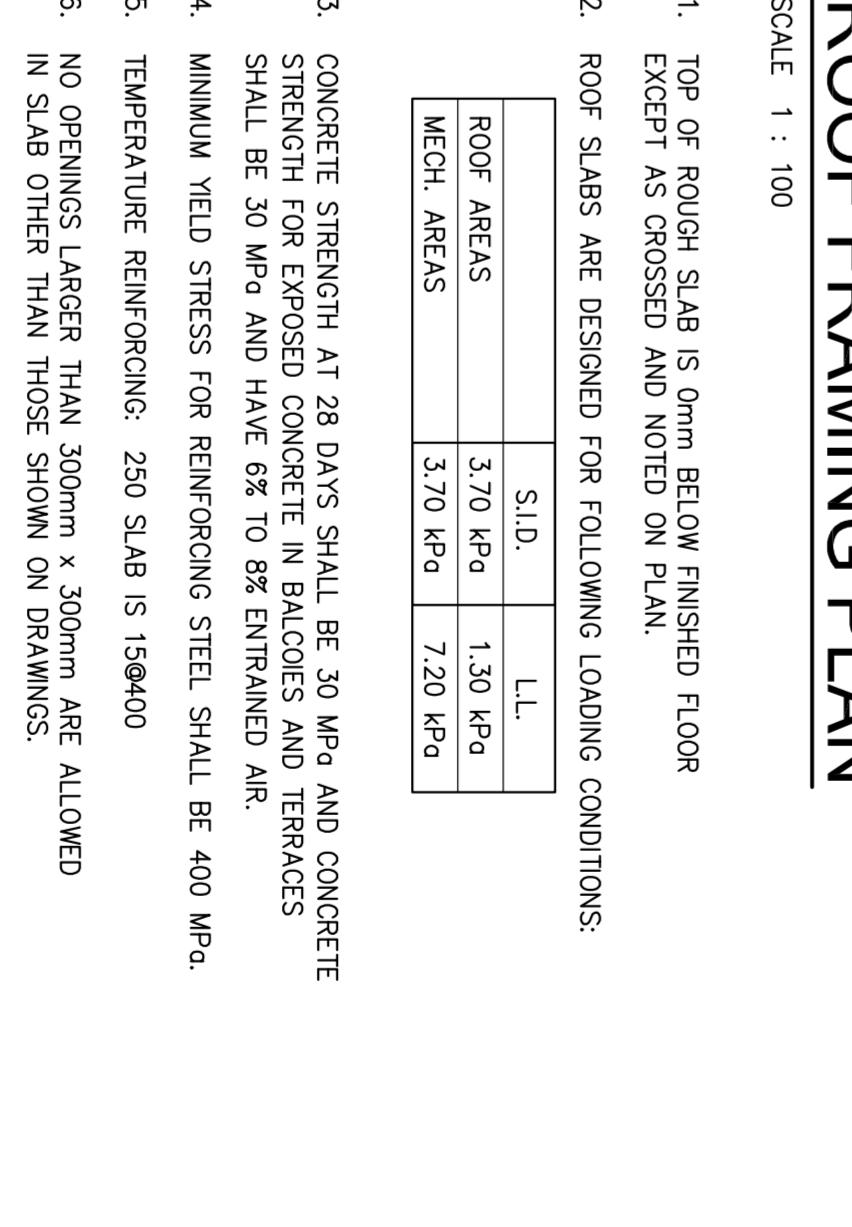
UPPER ROOF FLOOR FRAMING PLAN



- SCALE 1 : 100
- TOP OF ROOF SLAB IS 0mm BELOW FINISHED FLOOR EXCEPT AS CROSSED AND NOTED ON PLAN.
 - ROOF SLABS ARE DESIGNED FOR FOLLOWING LOADING CONDITIONS:

	S.L.D.	L.L.
ROOF AREAS	3.70 MPa	1.50 MPa
MECH. AREAS	3.70 MPa	7.20 MPa
 - CONCRETE STRENGTH AT 28 DAYS SHALL BE 30 MPa AND CONCRETE STRENGTH FOR EXPOSED CONCRETE IN BALCONIES AND TERRACES SHALL BE 30 MPa AND HAVE 6% TO BE ENRICHED AS.
 - MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
 - TEMPERATURE REINFORCING: 250 SLAB IS 150000
 - NO OPENINGS LARGER THAN 300mm x 300mm ARE ALLOWED IN SLAB OTHER THAN THOSE SHOWN ON DRAWINGS.
 - SEE ARCH. DRAWINGS FOR ROOF SLOPES.
 - SEE TYPICAL DETAILS ON DRAWINGS S-001 TO S-005.
 - SEE GENERAL NOTES ON DRAWING S-001.
 - FOR COLUMN & WALL SCHEDULE SEE DRAWINGS S-201 TO S-206
 - FOR SIZE, LOCATION AND EXTEND OF CARS SEE ARCH. DRAWINGS.
 - FOR OPENINGS EXACT LOCATION & DIMENSION SEE ARCH. DWG'S & MECH. DWG'S.

ROOF FRAMING PLAN



- SCALE 1 : 100
- TOP OF ROOF SLAB IS 0mm BELOW FINISHED FLOOR EXCEPT AS CROSSED AND NOTED ON PLAN.
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SNOW ACCUMULATION ON ROOF



- SCALE 1 : 25
- TYPICAL ROOF PARAPET**
- TYPICAL CURB AROUND M/C PENTHOUSE**

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

DATE: 11/09
DRAWN BY: M.M. MOHA
CHECKED BY: M.M. MOHA
SCALE: 1:50

FIRST FLOOR ELEV. 80.00m

NO.	REVISION	DATE
1	ISSUED FOR PERMIT	2014/03/14
2	REVISION FOR COMMENTS	2014/03/14
3	ISSUED FOR PERMIT	2014/03/14
4	REVISION FOR COMMENTS	2014/03/14
5	ISSUED FOR PERMIT	2014/03/14
6	REVISION FOR COMMENTS	2014/03/14

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