

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

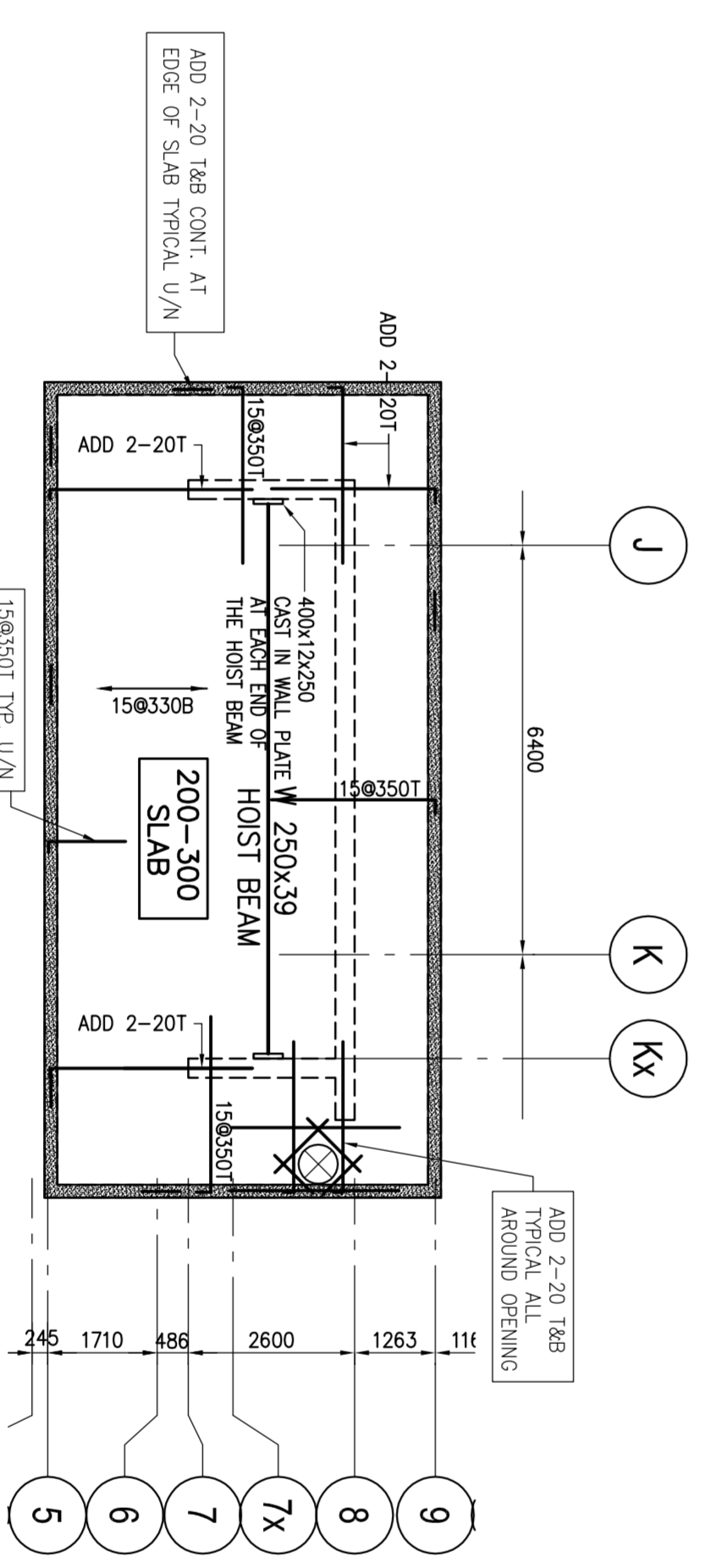
MARK	REINFORCEMENT			SPACING		REMARKS
	WIDTH	DEPTH	BOTTOM	TOP	EACH END	
BM-1	700	450	5-25	3-20	10	ADD 1-15 BAR
BM-2	700	450	5-25	3-20	10	ADD 1-15 BAR
BM-3	1200	600				
BM-4	1200	600				
BM-5	1200	600				

**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
  - FLOOR SLABS ARE DESIGNED FOR FOLLOWING LOADING CONDITIONS:
 

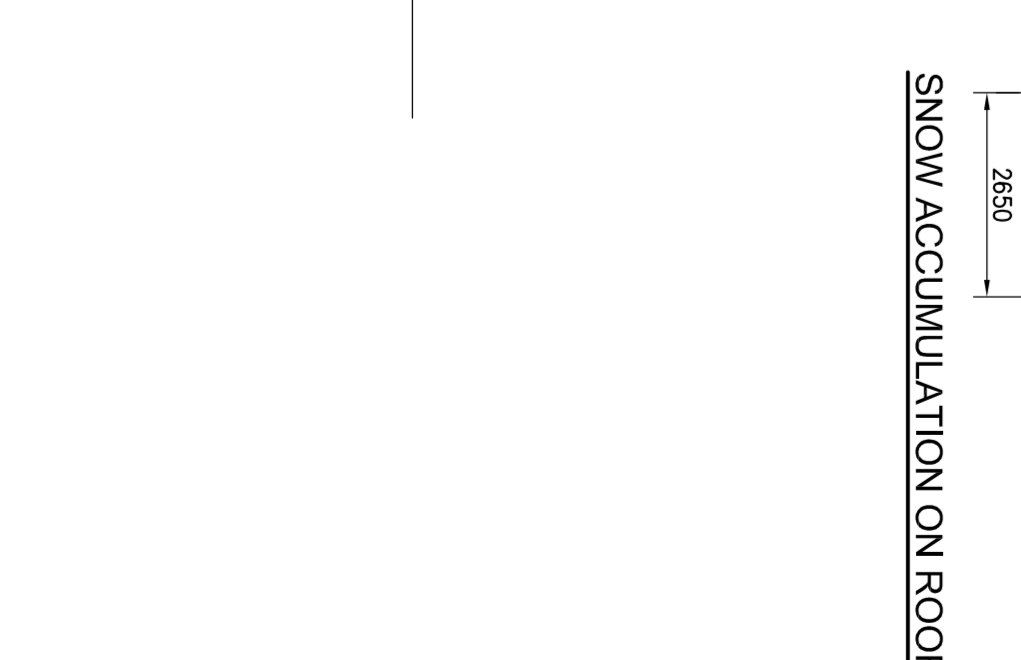
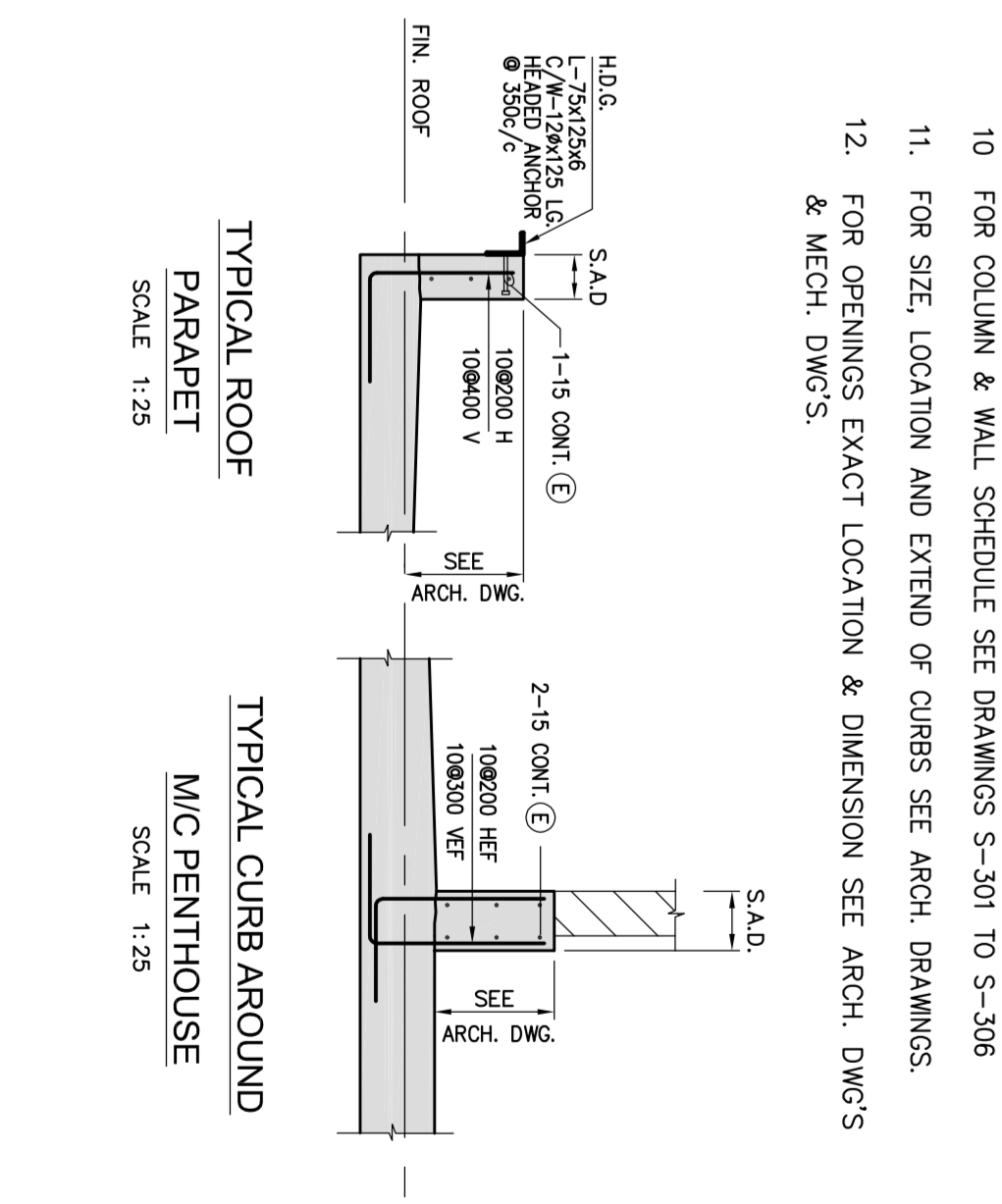
STAIRS & BALCONIES	0.50 MPa	4.80 MPa
LOADERS & STORAGE	1.50 MPa	4.80 MPa
RESIDENTIAL	1.50 MPa	1.9 MPa
TOILETS	1.50 MPa	2.40 MPa
TRUCKS	5.0 MPa	4.80 MPa
  - MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
  - TEMPERATURE REINFORCING FOR:
    - 250 SLAB IS 1000x0
    - 300 SLAB IS 1500x10
  - 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 DOOR 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:
 

ROOF AREAS	S.I.D.	L.L.
	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 8% BLENDED AGG.
  - MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
  - TEMPERATURE REINFORCING: 250 SLAB IS 1500x10
  - 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. DWGS. & MECH. DWGS.



**ROOF 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:
 

ROOF AREAS	S.I.D.	L.L.
	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 8% BLENDED AGG.
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  - 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. DWGS. & MECH. DWGS.

**ALEXANDRA PARK - BLOCK 11**  
TORONTO, ONTARIO

DATE: 11/09  
SCALE: 1:50  
MARKED: 2014

**FIRST FLOOR ELEV. 80.00m**

NO.	REVISION	DATE
1	ISSUED FOR PERMIT	2014/08/14
2	REVISION FOR COMMENTS	2014/08/14
3	ISSUED FOR PERMIT	2014/08/14
4	REVISION FOR COMMENTS	2014/08/14
5	ISSUED FOR PERMIT	2014/08/14
6	REVISION FOR COMMENTS	2014/08/14
7	ISSUED FOR PERMIT	2014/08/14

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