

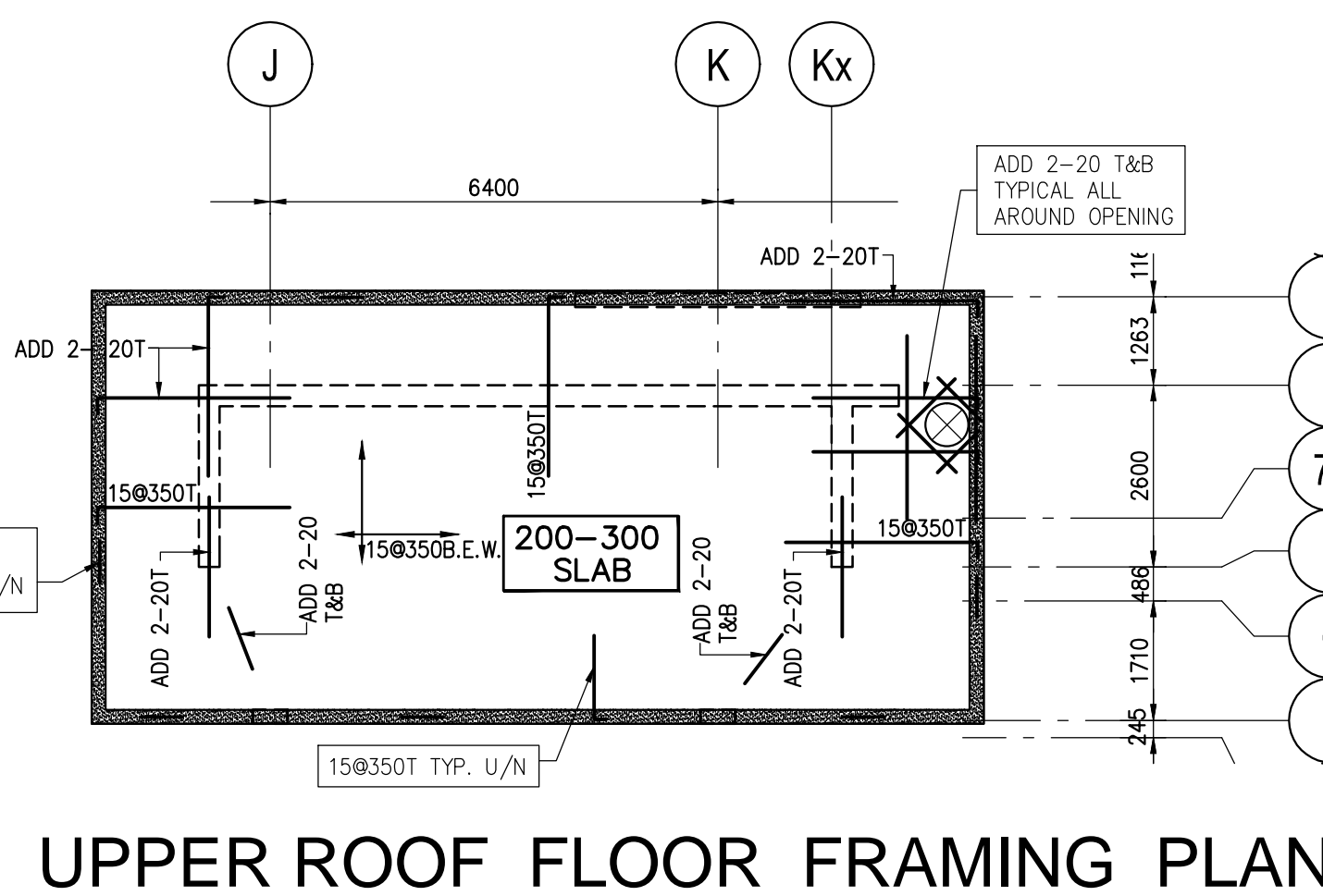
MARK	WIDTH	DEPTH	REINFORCEMENT		STIRRUPS		REMARKS	
			BOTTOM CONT.	TOP CONT.	SIZE	TYPE		SPACING EACH END
BM-1	700	550	5-25	3-20	10	U	1005, 9@175, Ø310	ADD 1-15 HEF
BM-2	700	550	5-25	3-20	10	U	1005, 9@170, Ø350	ADD 1-15 HEF
BM-3	1000	500						
BM-4	1000	500						
BM-5	1000	500						

PENTHOUSE FLOOR FRAMING PLAN

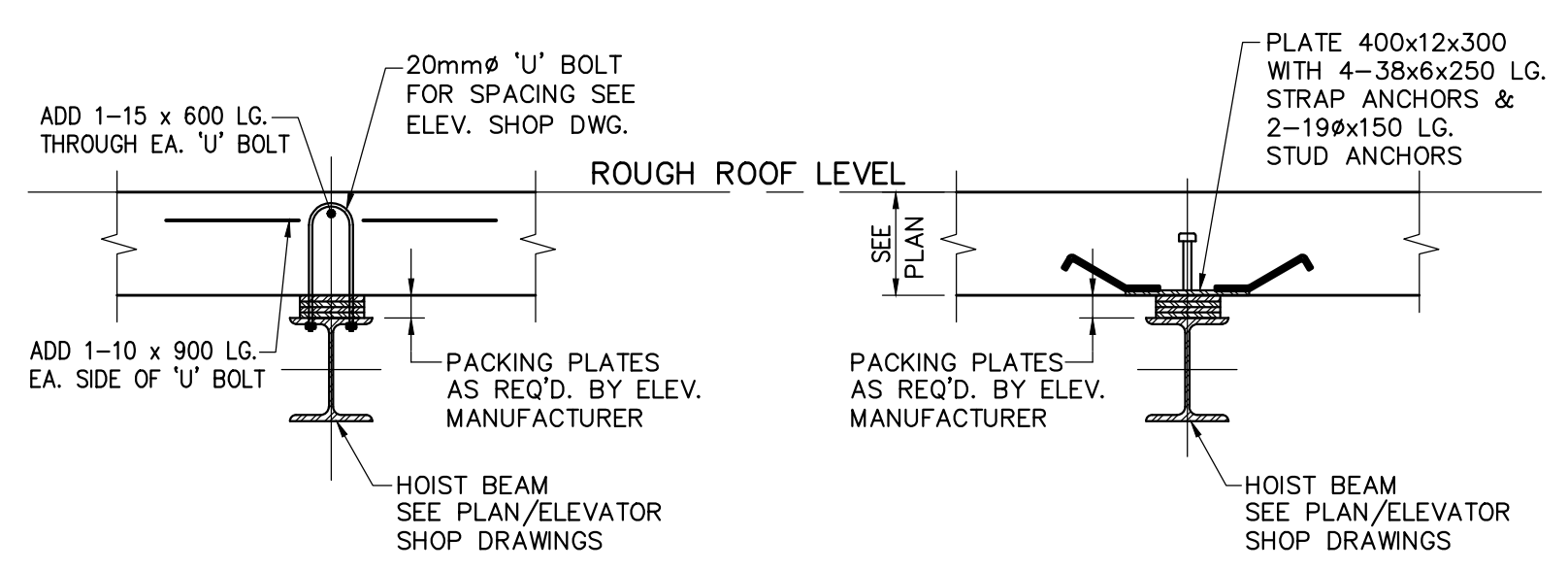
SCALE 1 : 100

- 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 INTERIOR SLABS 25 MPa
FOR BEAMS 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 100250,
250 SLAB IS 150400,
300 SLAB IS 150330.
- 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-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.



UPPER ROOF FLOOR FRAMING PLAN



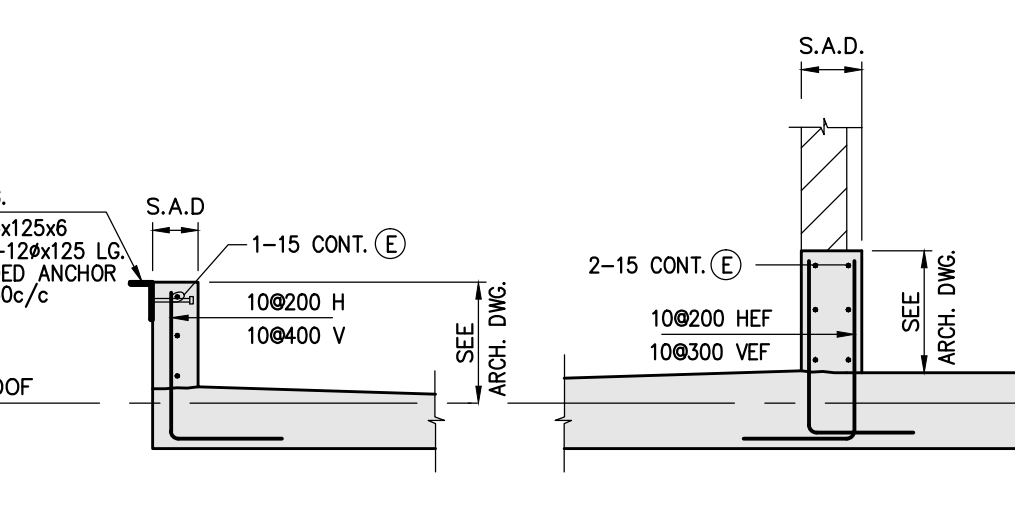
STANDARD DETAIL ELEVATOR HOIST BEAM

ROOF FRAMING PLAN

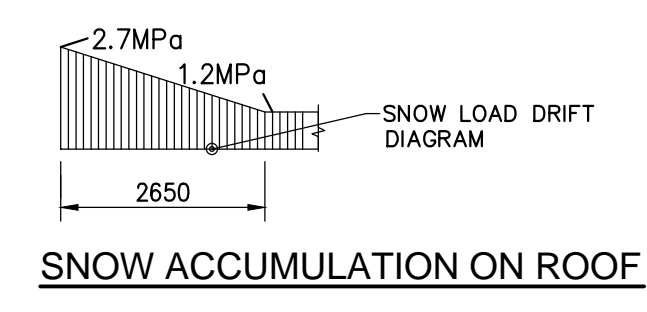
SCALE 1 : 100

- TOP OF ROUGH SLAB IS 6mm BELOW FINISHED FLOOR EXCEPT AS CROSSED AND NOTED ON PLAN.
- ROOF SLABS ARE DESIGNED FOR FOLLOWING LOADING CONDITIONS:

	S.I.D.	L.L.
ROOF AREAS	3.70 kPa	1.30 kPa
MECH. AREAS	3.70 kPa	7.20 kPa
- 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% ENTRAINED AIR.
- MINIMUM YIELD STRESS FOR REINFORCING STEEL SHALL BE 400 MPa.
- TEMPERATURE REINFORCING: 250 SLAB IS 150400
- 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-301 TO S-306
- FOR SIZE, LOCATION AND EXTEND OF CURBS SEE ARCH. DRAWINGS.
- FOR OPENINGS EXACT LOCATION & DIMENSION SEE ARCH. DWG'S & MECH. DWG'S.



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



SNOW ACCUMULATION ON ROOF

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13015
PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

IMPERIAL SCALE DRAWING
FIRST FLOOR ELEV. 93.60m

NO.	ISSUED / REVISION	DATE
1	ISSUED FOR PERMIT	2014-08-26
2	REVISION FOR PERMIT	2014-09-10

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

PROJECT NO. 13015
SCALE: 1:100
DRAWN BY: H.W. HOUSMAN
REVIEWED BY: H.W. HOUSMAN
DATE STARTED: MARCH 2014

PENTHOUSE AND UPPER ROOF FRAMING PLAN