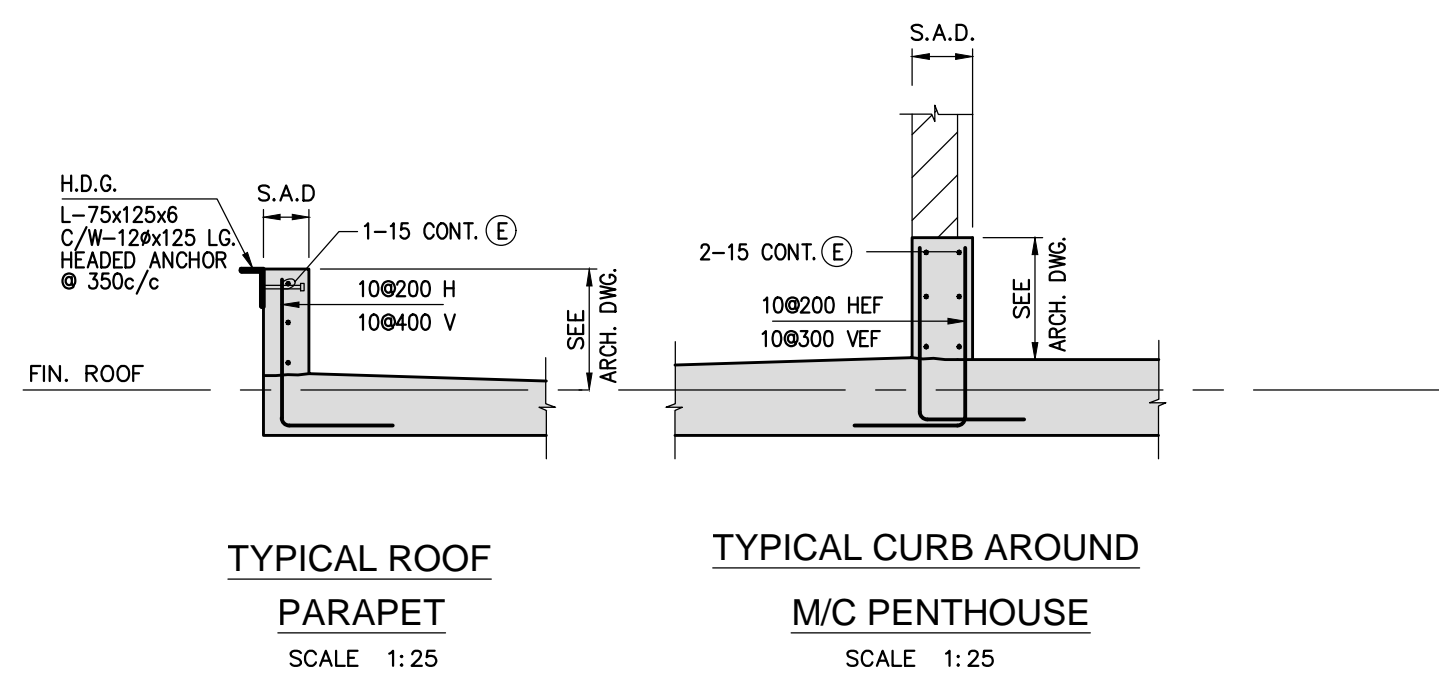


STANDARD DETAIL ELEVATOR HOIST BEAM



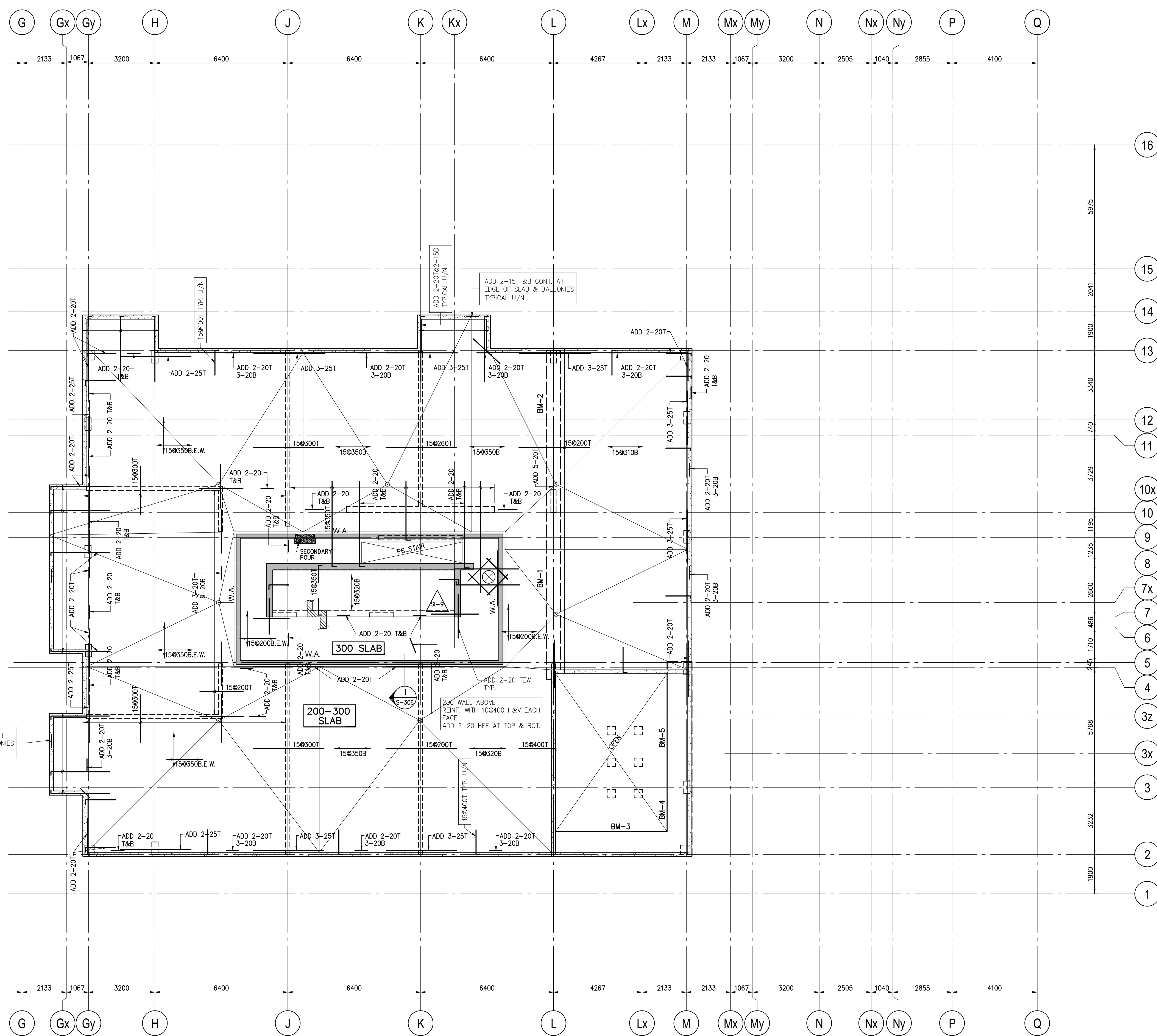
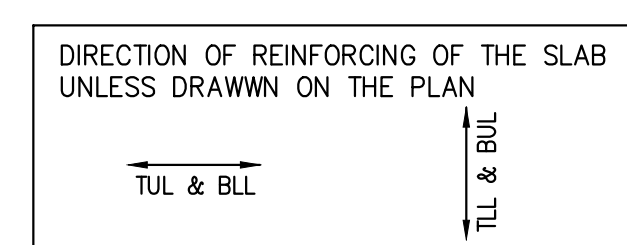
PENTHOUSE FLOOR BEAM SCHEDULE (fc' = 35MPa)									
MARK	WIDTH	DEPTH	REINFORCEMENT			STIRRUPS			REMARKS
			BOTTOM CONT.	TOP CONT.	"A" BARS	SIZE	TYPE	SPACING EACH END	
BM-1	700	550	5-25	3-20		10	□	1085, 90175, 0310	ADD 1-15 HEF
BM-2	700	550	5-25	3-20		10	□	1085, 86170, 0350	ADD 1-15 HEF
BM-3	1200	500	8-25	6-20		10	□	10150, 0300	ADD 1-15 HEF
BM-4	1200	500	8-25	6-20		10	□	10150, 0300	ADD 1-15 HEF
BM-5	1200	500	8-25	6-20		10	□	10150, 0300	ADD 1-15 HEF

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	1.30 kPa	1.90 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 DRAWINGS S-001 TO S-005.
- 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. REIN. TO END OF BALCONIES/OVERHANGS.
- TOP BARS TERMINATING AT EDGE OF SLAB TO HAVE 180° HOOK.

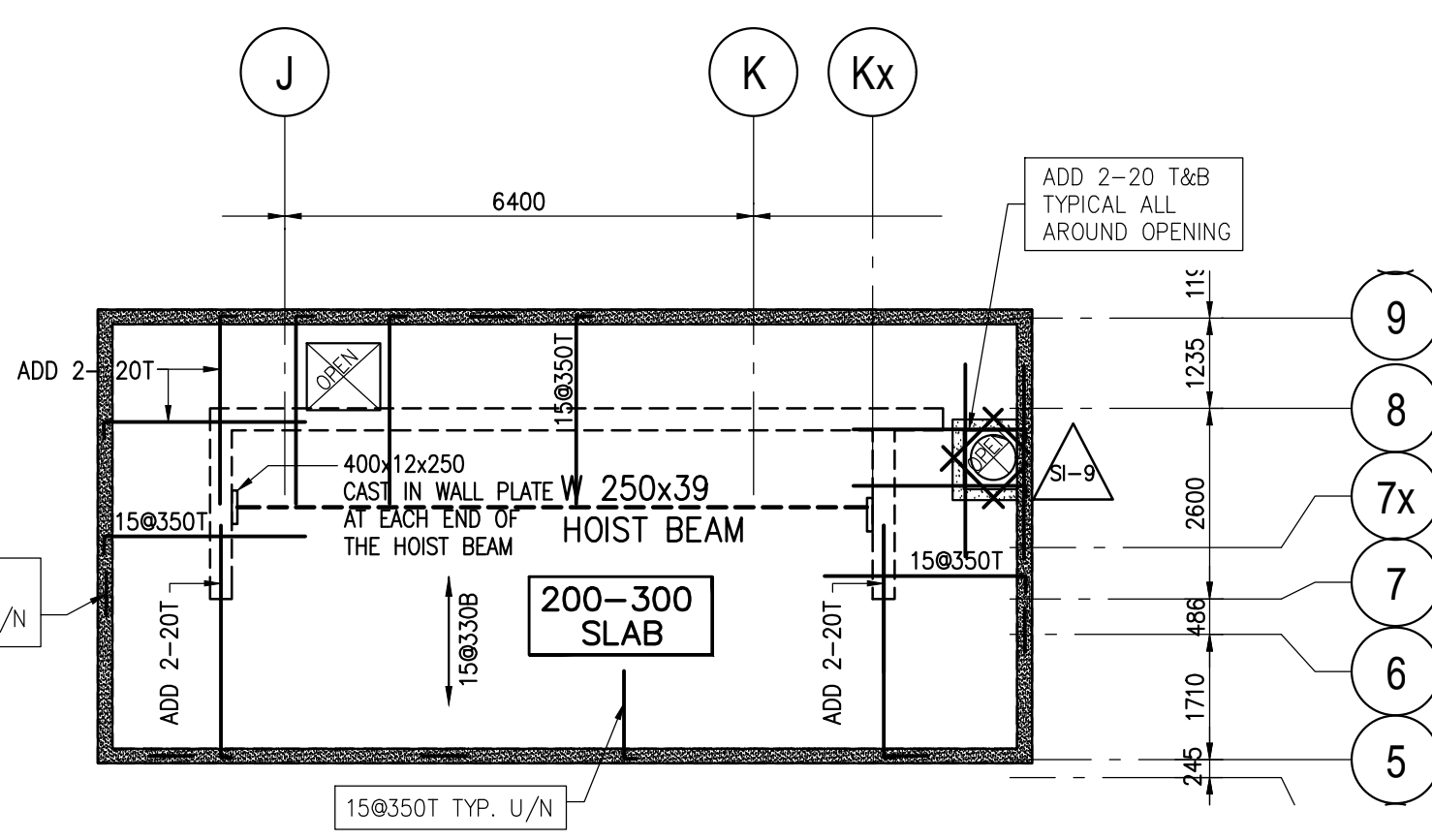


ROOF FRAMING PLAN

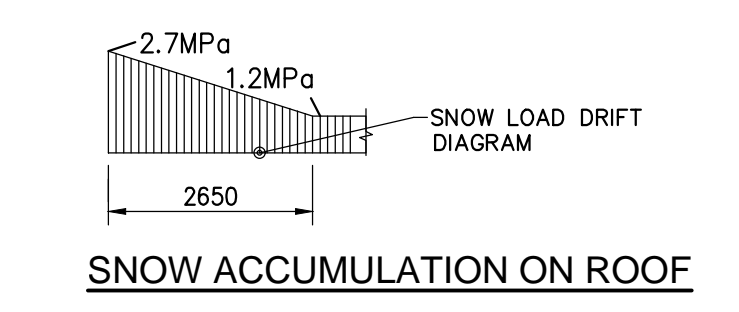
SCALE 1 : 100

- TOP OF ROUGH SLAB IS 0mm 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. DWGS' & MECH. DWGS'.



UPPER ROOF FLOOR FRAMING PLAN



Jablonsky, Ast
and Partners
CONSULTING
ENGINEERS
1128 LESLIE STREET
DOR MILLS, ON, M3C 2K5
TEL: 416-447-7460
FAX: 416-447-2771
E-mail: jsp@ast.on.ca



FIRST FLOOR ELEV. 93.60m		
NO.	ISSUED / REVISED	DATE
1	ISSUED FOR PERMIT	2014-09-23
2	RE ISSUED FOR PERMIT	2014-07-01
3	ISSUED FOR FORMING TRENCH	2014-08-27
4	CONSTRUCTION REVIEW	2014-08-27
5	RE ISSUED FOR PERMIT	2014-07-01
6	ISSUED FOR CONSTRUCTION	2014-09-19
7	UPDATED - P.C.	2015-04-23
8	UPDATED - P.C.	2015-04-23
9	ISSUED FOR B.I.P.	2015-07-23
11	ISSUED FOR B.I.P.	2015-11-04

ALEXANDRA PARK - BLOCK 11
TORONTO, ONTARIO

project no: 13015
scale: 1:100
H.W.
designed by: H.W.
date stamped: MARCH 2014

PENTHOUSE AND
UPPER ROOF FLOOR
FRAMING PLAN