

**1 MEZZANINE FRAMING PLAN**  
 SCALE 1:100

**HOLLOWCORE SCHEDULE**

MARK	DEPTH	LIVE LOAD	**DEAD LOAD (INCL. TOPPING)
L1	203mm	4.8 KPa	2.7 KPa

- \*\*DEAD LOAD DOES NOT INCLUDE SELF WEIGHT OF HOLLOWCORE  
 - PROVIDE 50mm CONCRETE TOPPING R/W 152x152 mm<sup>2</sup> W/W 1.1mm<sup>2</sup> W.W.M.  
 - ADD 2.4 KPa TO D.L. @ HOUSEKEEPING PAD LOCATIONS TYP.

**LINTEL BLOCK SCHEDULE** (SEE ARCHITECTURAL FOR LINTEL SPANS & ELEVATIONS)

MARK	MAX. SPAN	BLOCK STRENGTH	CONCRETE STRENGTH	LINTEL SIZE (mm)	BEARING LENGTH	MORTAR TYPE	HORIZONTAL STEEL REINFORCEMENT
L1	1200	15 MPa	20 MPa	140x190	200mm	S	1-15M BOTTOM
L2	1200	15 MPa	20 MPa	190x190	200mm	S	2-15M BOTTOM
L3	1400	15 MPa	20 MPa	190x190	200mm	S	2-15M BOTTOM
L4	2200	15 MPa	20 MPa	190x390	200mm	S	1-15M TOP AND BOT, 15M STR. @200mm O/C

**L1/L2/L3 - SECTION**      **L4 - SECTION**

**NOTES:**  
 - FILL VERTICAL CORES WITH 20MPa CONCRETE BELOW LINTEL BEARING. REINFORCE W/ 1-15M VERTICAL BAR.  
 - ALL HORIZONTAL BARS TO BE INSID. STIRRUP HOOK.  
 - LINTEL BLOCK MARK "L3" TO BE LIGHT WEIGHT TYPE LINTEL BLOCK.

**BLOCK WALL SCHEDULE**

MARK	BLOCK SIZE	REINFORCEMENT
BW1	190 mm	15M VERT. @ EVERY 5TH CORE (U.N.O. ON PLAN)
BW2	140 mm	15M VERT. @ EVERY 5TH CORE

**NOTES:**  
 - BLOCK WALL MARK "BW2" ARE NON-LOAD BEARING PARTITION WALL. REFER TO ARCH. FOR LOCATIONS. PROVIDE MIN. 50mm GAP FOR DEFLECTION AT TOP OF BLOCK WALL.  
 - BLOCK WALL MARK "L3" TO BE LIGHT WEIGHT TYPE BLOCK WALL (FOR 2 HOURS FIRE RATING).  
 - ALL CONCRETE BLOCK TO BE 15 MPa U.N.O.  
 - ALL GROUT TO BE 20 MPa U.N.O.  
 - FILL FIRST 2 VERTICAL COURSES OF BLOCK WALL WITH GROUT AT ALL BENCH LOCATIONS (FOR BENCH BRACKETS) AND PROVIDE BOND BEAM @9TH COURSE (EL. 101 800 ±) FOR COAT HOOKS FASTENING. SEE ARCH. FOR ALL LOCATIONS OF BENCH AND COAT HOOKS.  
 - PROVIDE BOND BEAM @ TOP COURSE OF EVERY BLOCK WALL TYP.  
 - MORTAR TO BE TYPE "S" U.N.O.  
 - REFER TO ARCH. FOR T/O BLOCK WALL ELEV.  
 - REINFORCE ALL CORNERS @ CORNERS WITH 1-15M VERT. BAR.  
 - ALL EXPOSED CORNERS TO BE RADIUS 25mm

**COLUMN SCHEDULE**

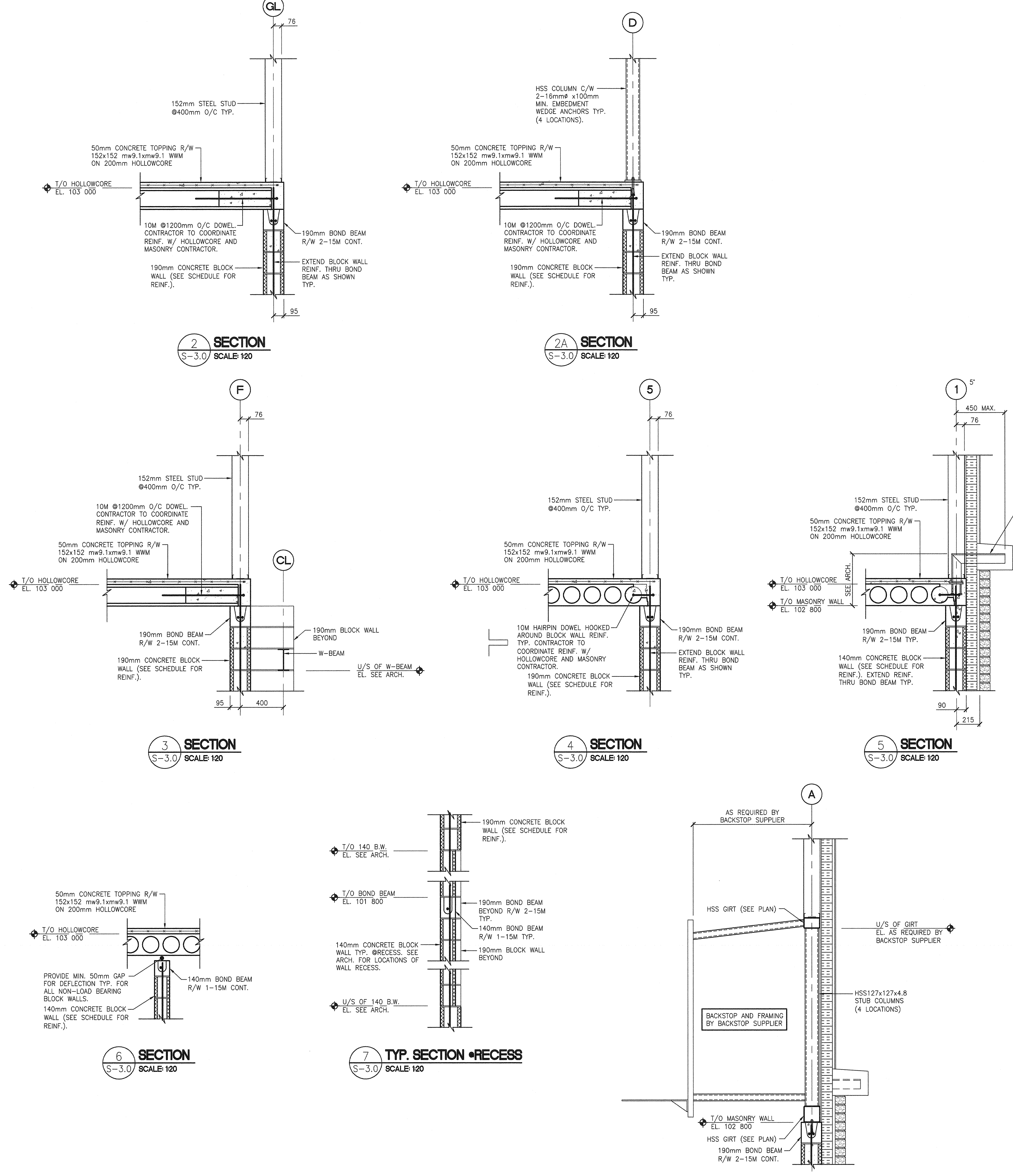
MARK	COLUMN	BASEPLATE
A	HSS 127x127x4.8	280mmx152mmx19mm
B	HSS 152x152x4.8	305mmx175mmx19mm
C	HSS 178x178x6.4	305mmx175mmx19mm
D	HSS 203x203x8	381mmx250mmx19mm
E	HSS 203x203x9.5	381mmx250mmx19mm
F	HSS 127x4.8	280mmx140mmx19mm
G	HSS 127x127x4.8	220mmx140mmx19mm

**NOTE:**  
 - PROVIDE 4 ANCHOR BOLTS TO ALL COLUMNS TYP.  
 - U/S OF BASEPLATE ELEV. = 99 850mm TYP. U.N.O.  
 - PROVIDE 30mm GROUT TO U/S OF COLUMN BASEPLATE TYP. U.N.O.  
 - SEE PLAN DETAIL Q/S-5.1 FOR CORNER COLUMN BASEPLATE CONFIGURATION.  
 - COLUMN MARK "G", PROVIDE MIN. 50mm SUP CONNECTION TO U/S OF ROOF BEAMS TYP. U/S OF BASEPLATE ELEV. = 103 950mm (T/O MEZZANINE).  
 - COLUMN MARK "G", U/S OF BASEPLATE ELEV. = 100 025mm (WITH 25mm GROUT UNDER THE BASEPLATE).  
 - PROVIDE 16mm<sup>2</sup> x150mm LONG NELSON STUDS TO COLUMN (BOTH SIDES AS REQUIRED) @ EVERY 3RD COURSE AND @ BOND BEAM TYP. @ ALL CROSS BRACING LOCATIONS. SEE S-4.0 FOR CROSS BRACING LOCATIONS. SEE S-6.1 FOR DETAIL.

**GIRT SCHEDULE**

MARK	GIRT SIZE	T/O GIRT ELEVATION	U/S OF GIRT ELEVATION
G1	HSS152x152x4.8	-	EL. 102 800mm
G2	HSS152x152x4.8	-	EL. 102 800mm
G3	HSS152x102x4.8 (LH)	-	EL. 102 800mm
G4	HSS152x152x4.8	-	EL. 102 800mm
G5	HSS152x102x4.8 (LH)	-	EL. 102 800mm
G6	HSS152x152x4.8	-	EL. 103 150mm ±
G7	HSS152x102x4.8 (LH)	-	EL. 104 650mm ±
G8	HSS152x102x4.8 (LH)	-	-
G9	HSS127x76x4.8 (LH)	EL. 104 550mm ±	-
G10	HSS152x102x4.8 (LH)	EL. 104 550mm ±	-
G11	HSS152x76x4.8 (LH)	-	EL. 102 340mm ±

**NOTES:**  
 - CONFIRM GIRTS ELEVATION WITH ARCH.  
 - GIRTS MARK "G7" AND "G11", PROVIDE 13mm<sup>2</sup> SAG ROD @ MID-SPAN TYP. OR @300mm O/C MAX.  
 - GIRTS MARK "G8", SEE BACKSTOP SUPPLIER FOR U/S OF GIRT ELEV.  
 - GIRTS MARK "G9", PROVIDE L64x64x4.8 STUBS TO BEAM BELOW GIRTS @ MID SPAN (4 LOCATIONS).  
 - GIRTS MARK "G10", PROVIDE L64x64x4.8 STUBS TO BEAM BELOW GIRTS @ 1/3 SPAN (4 LOCATIONS).  
 - ADDITIONAL GIRTS SHOWN ON S-4.0.



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TOWER PROJECT NO. : 6150

**TOWER ENGINEERING GROUP**  
 208 - 897 CORDOON AVE. WINNIPEG, MB R3M 0W7  
 TEL: (204) 925-1150 FAX: (204) 925-1155  
 EMAIL: towereng@towereng.co WEB: www.towereng.co

**numberTEN architectural group**  
 WINNIPEG MB 204 942-0981  
 VICTORIA BC 250 260-3104

architecture • interior design • graphic design

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PROVINCE OF MANITOBA  
 G. SCHAUB  
 25th 18/08  
 REGISTERED ENGINEER

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CITY OF WINNIPEG  
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT  
 CIVIC ACCOMMODATIONS DIVISION  
 300 - 65 GARRY ST. R3C 4K4

PROJECT:  
**BRONX PARK COMMUNITY CENTRE**  
**HOME OF GOOD NEIGHBOURS SENIOR CENTRE**  
 WINNIPEG, MB.

SHEET TITLE:  
**MEZZANINE FRAMING PLAN AND SECTIONS**