

G3 HSS127x127x6.4
C/W L127x102x6.4 (LLV)
TOP & BOTTOM OF WINDOW OPENING
CONFIRM ELEVATION WITH ARCHITECT

HSS 152x152x4.8
X-BRACING T=40kN

C150x12 GIRT C/W 102x76x6.4 (LLH)
TOP & BOTTOM OF MECH OPENINGS IN WALL
U/S GIRT EL 103 800
(CONFIRM W/ ARCH)

L102x102x6.4
PERIMETER ANGLE
(TYPICAL ALL AROUND)

'DB2' C100x9
DIAGONAL BRACE
@ 2600 O/C MAX

HSS 152x152x4.8
X-BRACING T=40kN

A

A

B

B

C

C

D

D

C150x12 POST
C/W 150x175x12 BASE PLATE
EACH SIDE OF OPENING (COORDINATE EXACT OPENING WITH MECHANICAL)
BOTTOM FASTENING
2-130 x 114 MIN EMBED HLT HIT-HY 200 ANCHORS INTO GRADE BEAM
(POSITION ANCHORS TO AVOID HITTING BEAM REINFORCING
TOP FASTENING.
L152x152x6.4 x 100 LONG (LLV)
C/W 130 BOLT IN 76 VERTICAL SLOT WELDED TO BOTTOM OF GIRT
(PROVIDE 50 GAP BETWEEN T.O POST U/S GIRT

BRIDGING AS REQUIRED BY
CODE BY JOIST SUPPLIER
TYPICAL SHOWN THUS

1400 DEEP O.W.S.J SPACED AS SHOWN
C/W 200 DEEP JOIST SEAT E.E.

C100x9 OUTRIGGERS
SPACED AS SHOWN
(MC= 5kN-m)

C200x17
(MC = 5 kN-m)

HSS 152x152x4.8
X-BRACING T=55kN

W200x19
STEEL BEAM

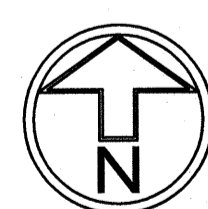
C100x8
TYPICAL THIS AREA

HSS 890 x 4.8
V-BRACING
X-BRACING T=70kN

'DB1' C150x16
DIAGONAL BRACE
@ 2600 O/C MAX

HSS 152x152x4.8
X-BRACING T=40kN

'G1' HSS 203x152x6.4 GIRT (LLV)
U/S GIRT EL 103 800
C/W L51x51x6.4 HANGERS @ 1200 O/C
TO C150x19 CONTINUOUS CURTAIN WALL SUPPORT
U/S CHANNEL EL 103 696
CONFIRM ELEVATIONS WITH ARCHITECT



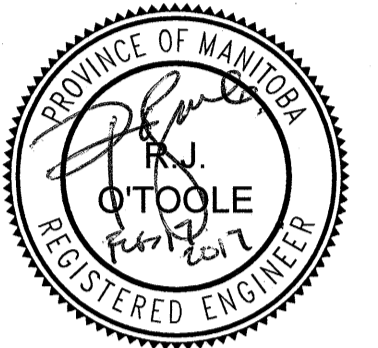
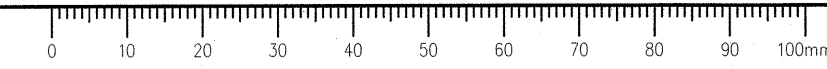
ROOF FRAMING PLAN

1:100

DESIGN SNOW LOAD = 1.72kPa
DESIGN DEAD LOAD = 1.20kPa

ROOF NOTES:

- REFER TO S-001 FOR GENERAL NOTES
- REFER TO S-002 FOR TYPICAL DETAILS
- ALL STEEL DECK 350x76 TYPICAL UNLESS NOTED
- ALL MARKS INDICATE MOMENT CONNECTIONS, 'T' = TENSION, 'C' = COMPRESSION
- ALL LOADS NOTED ARE FACTORED
- TOP OF STEEL EL 104 858 TYPICAL UNLESS NOTED
- JOIST SEAT DEPTHS TO BE 200 TYPICAL
- COORDINATE EXTENT OF ALL JOIST TOP CHORD EXTENSIONS WITH ARCHITECTURAL DRAWINGS
- STRUT AT JOIST INDICATED AS 'S.J.' OR 'S1E' TO BE DESIGNED FOR C-T=25KN TYPICAL UNLESS NOTED
- JOIST SUPPLIER TO COORDINATE ALL DUCTS PASSING THROUGH JOIST WEBS WITH MECHANICAL DRAWINGS
- JOIST SUPPLIER TO COORDINATE LIFE LINE ANCHOR LOCATIONS WITH ARCHITECTURAL DRAWINGS (REFER TO S-002 FOR LOADING REACTIONS)



APEGN
Certificate of Authorization
Crosier Kilgour & Partners Ltd.
No. 235 Date: Feb 17, 2017

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No. DATE REVISION/ISSUANCE

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Project No. 1487 Sheet **S-102**