S01

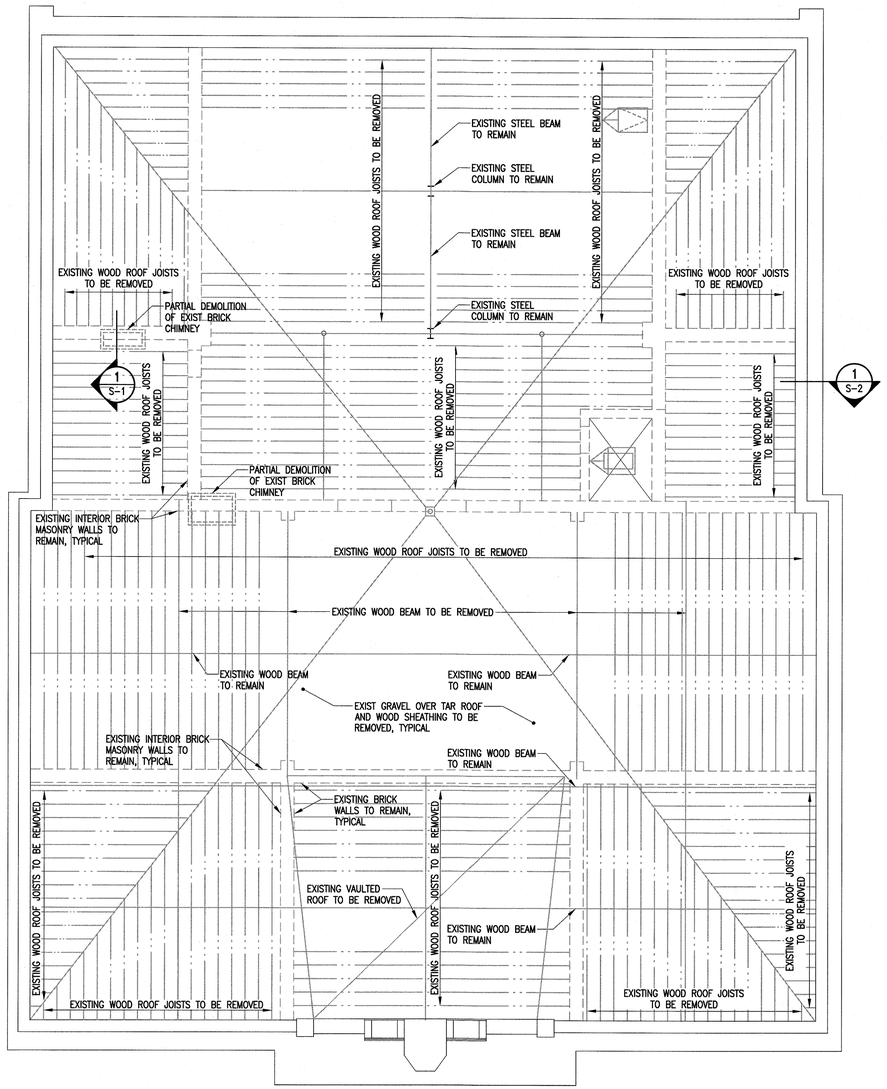
FILE NAME:

DATE: 2012-11-16

SHEET TITLE: DEMOLITION PLAN, NEW ROOF FRAMING PLAN

PROJECT No: 1210

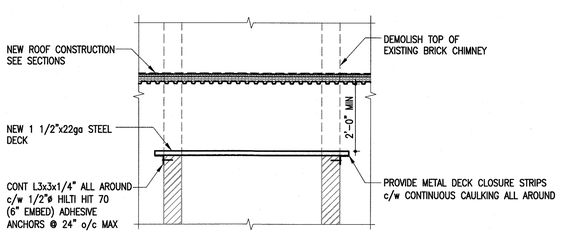
ADDRESS: 380 William Ave, Winnipeg, MB



EXISTING ROOF DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

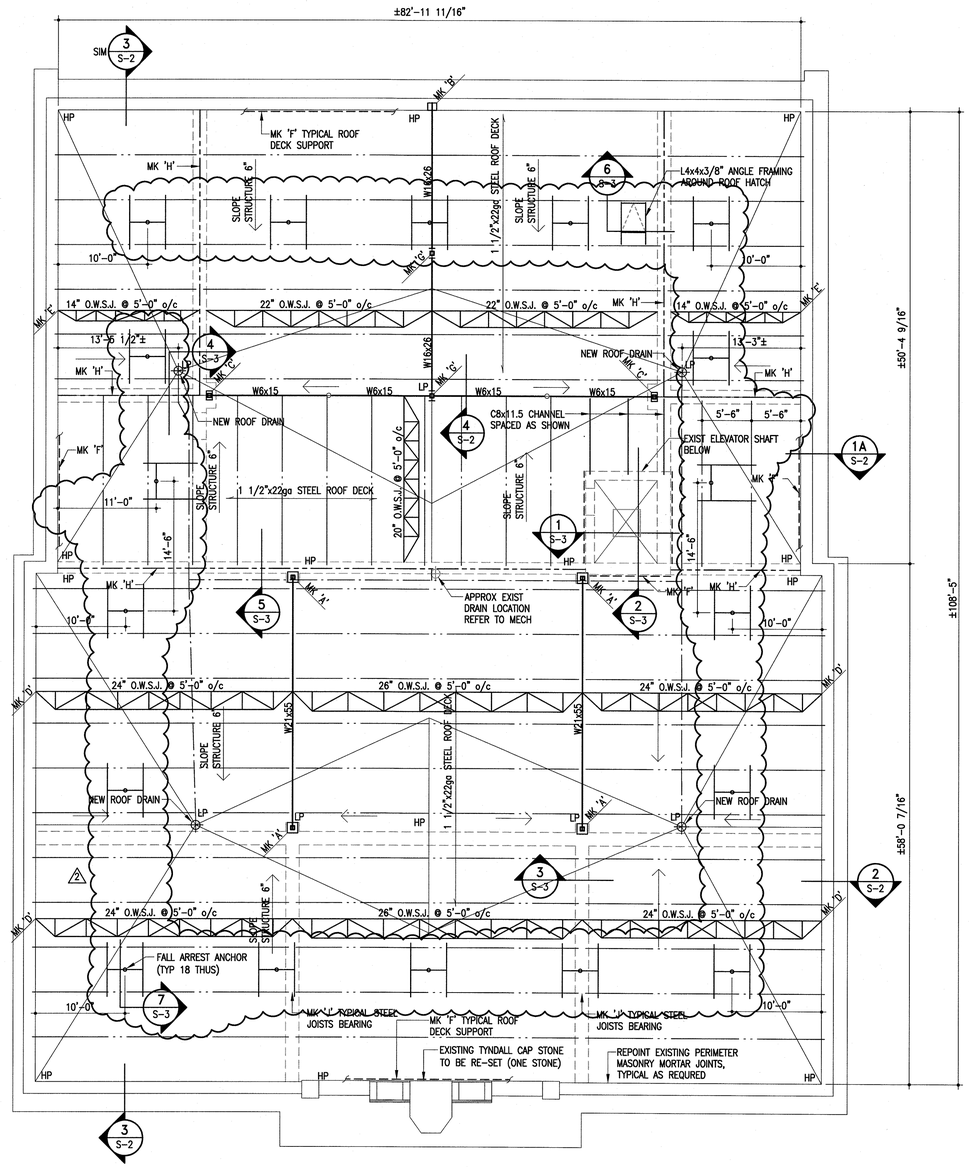
- ALL EXISTING ROOFING, SHEATHING/DECKING, JOISTS, AND ROOF BEAMS TO BE REMOVED UNLESS NOTED.
- CEILING STRUCTURE AND PLASTER TO REMAIN AND BE PROTECTED THROUGHOUT PROJECT.



TYPICAL CAP OVER EXISTING CHIMNEYS (2 THUS)

1 / S-1

SCALE: 1/4" = 1'-0"



NEW ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

- DESIGN LIVE LOAD = 75 PSF
- DESIGN DEAD LOAD = 20 PSF
- PROVIDE 1" NON-SHRINK GROUT UNDER ALL STEEL BEARING AND BASE PLATES TYPICAL.
- FALL ARREST ANCHORS AND THEIR SUPPORTS TO BE DESIGNED FOR A 5,000 lbs (UNFACTORED) FORCE IN ANY DIRECTION. 2

STEEL SCHEDULE

MK 'A'
HSS 5x5x1/4 x 4' HIGH STUB COLUMN ON 14"x14"x1" BASE PLATE C/W 4-3/4" DIA. x 32" LONG THREADED ROD ANCHOR BOLTS DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

MK 'B'
10"x12"x3/4" BEARING PLATE C/W 2-3/4" DIA. x 32" LONG THREADED ROD ANCHOR BOLTS DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

MK 'C'
HSS 5x5x1/4 x 4' HIGH STUB COLUMN ON 8"x12"x 3/4" BASE PLATE C/W 2-3/4" DIA. x 24" LONG THREADED ROD ANCHOR BOLT DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

MK 'D'
8"x12"x 5/8" OWSJ BEARING PLATES C/W 2-1/2" DIA. x 32" LONG THREADED ROD ANCHOR BOLTS DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

MK 'E'
8"x12x5/8" OWSJ BEARING PLATES C/W 2-1/2" DIA. x 18" LONG THREADED ROD ANCHOR BOLTS DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

MK 'F'
CONTINUOUS L3x3x1/4 STEEL ROOF DECK SUPPORT C/W 1/2" DIA. x 12" LONG THREADED ROD ANCHORS AT 24" O/C DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

MK 'G'
HSS 5x5x1/4 x 4' HIGH STUB COLUMN ON EXISTING W8 STEEL COLUMNS AND ON EXISTING 6" DIA. PIPE COLUMNS.

MK 'H'
CONTINUOUS HSS 5x5x1/4 HORIZONTAL BEAM ON HSS 4x4x1/4 STUB COLUMNS SPACED AT 4' O/C C/W 8"x12"x5/8" BASE PLATES AND 2-3/4" DIA. x 24" LONG THREADED ROD ANCHOR BOLTS DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

MK 'J'
10"x12"x 5/8" OWSJ BEARING PLATES C/W 2-1/2" DIA. x 32" LONG THREADED ROD ANCHOR BOLTS DRILLED AND EPOXY GROUTED INTO EXISTING MASONRY.

NOTES:

APEGM
Certificate of Authorization
Crosier Kilgour & Partners Ltd.
No. 235 Date: Nov 16, 2012

DRAWING LIST

SHEET No:	SHEET TITLE
S-1	DEMOLITION PLAN, NEW ROOF FRAMING PLAN
S-2	GENERAL NOTES, SECTIONS & DETAILS
S-3	SECTIONS & DETAILS

No.	REVISION/DESCRIPTION	BY	DATE
2	ISSUED FOR ADDENDUM - ROOF ANCHORS REVISED	PW	16/11/12
1	ISSUED FOR CONSTRUCTION	PW	09/11/12

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2012-0551
Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

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SEAL

PROVINCE OF MANITOBA
M.V. LOUKA
Member
21527
REGISTERED PROFESSIONAL ENGINEER

DRAWN	MS	CHECKED	HJL	DESIGNED	PW	APPROVED	HJL
DATE	2012.11.16	USER APPROVAL					

Winnipeg
THE CITY OF WINNIPEG
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION

PROJECT 3-65 GARRY STREET, R3C 4K4

CARNEGIE LIBRARY
ROOF REPLACEMENT

380 William Ave, Winnipeg, MB

SHEET TITLE
DEMOLITION PLAN
NEW ROOF FRAMING PLAN

SCALE	PROJECT No:	SHEET No:
AS SHOWN	1210	S-1

DRAWING SHEET SIZE: ARCH D (914mm x 610mm)