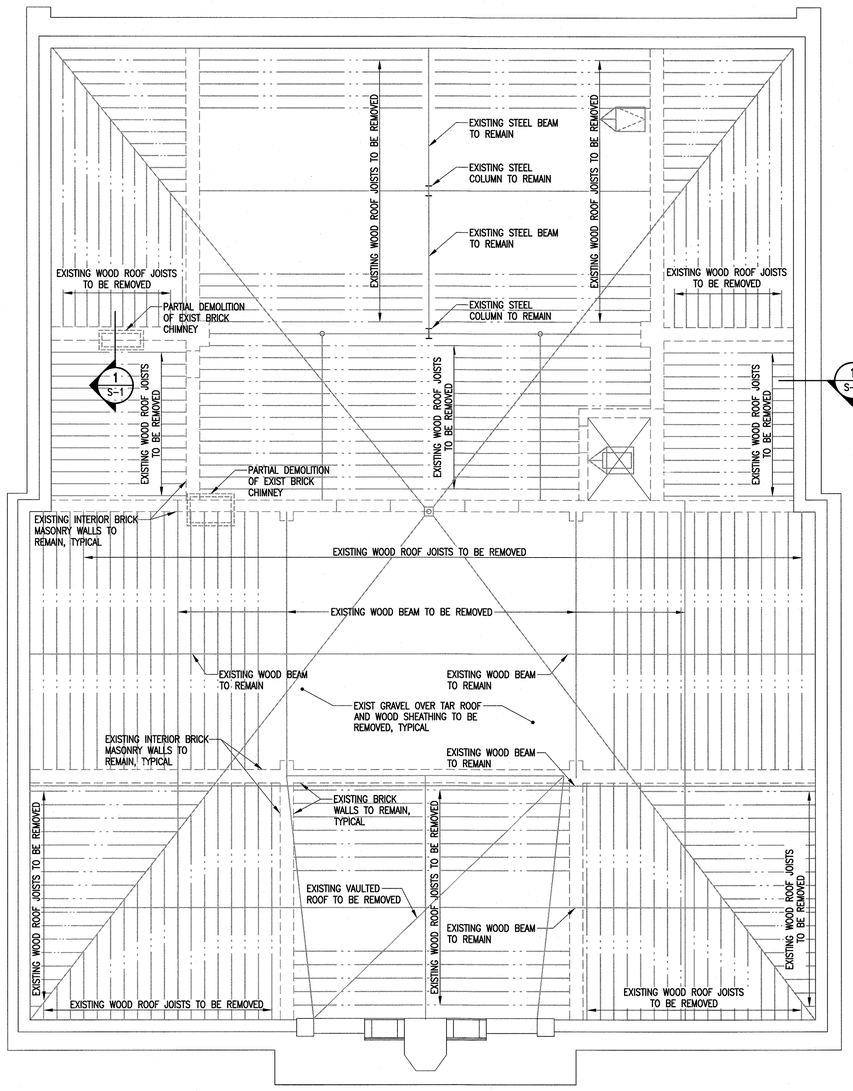
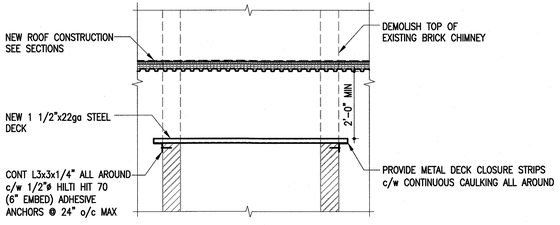


EXISTING ROOF DEMOLITION PLAN

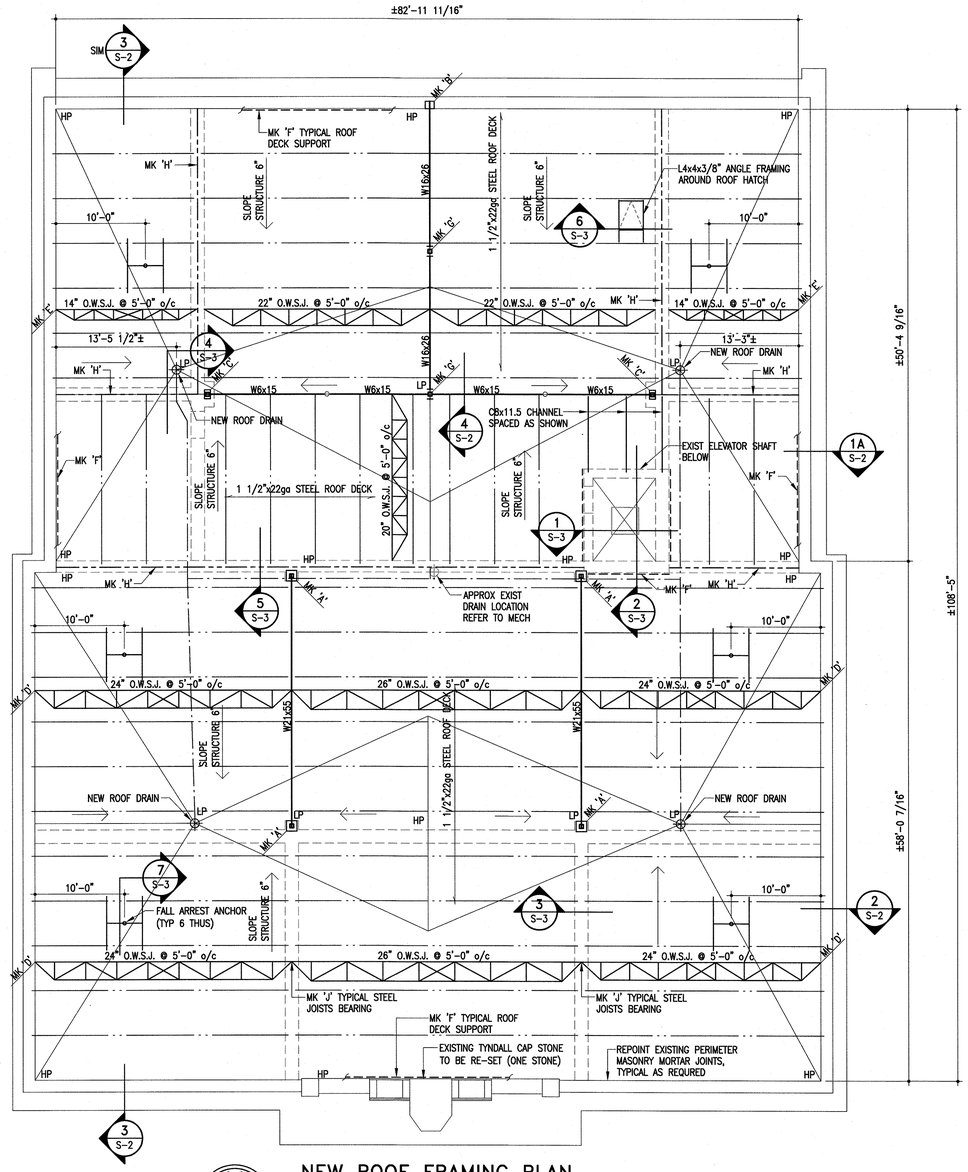
SCALE: 1/4" = 1'-0"

- 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:1/4" = 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.

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 09, 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
1	ISSUED FOR CONSTRUCTION	PW	09/11/12

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

AGER LITTLE ARCHITECTS INC
202C - 275 Broadway - Winnipeg, MB R3C 4M6 - (204) 414-9191

SEAL

PROVINCE OF MANITOBA
H.J. LOUKA
Member
21527
2012.10.31
REGISTERED PROFESSIONAL ENGINEER

DRAWN	CHECKED	DESIGNED	APPROVED
MS	HJL	PW	HJL

DATE 2012.10.31 | 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)