Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

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Crosier Kilgour
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CONSULTING STRUCTURAL ENGINEERS

PROVINCE OF MANITOBA
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Member
22454
REGISTERED PROFESSIONAL ENGINEER

APEGM
Certificate of Authorization
Crosier Kilgour & Partners Ltd.
No. 235   Date: 2016-09-12

EXIST BUILDING

NEW OPENING IN
EXIST FOUNDATION WALL

DROPPED SLAB
FOR LIFT ±76mm

EXIST 300 THICK CONC
FOUNDATION WALL IN STONE WALL

13mm FLEXCELL
ALL AROUND PERIMETER
TYPICAL

REMOVE EXIST SLAB-ON-GRADE
& REPLACE WITH 150 THICK CONC SLAB
R/W 15M @ 450 O/C EACH WAY TOP
10 MIL POLY
300 THICK COMPACTED GRANULAR FILL

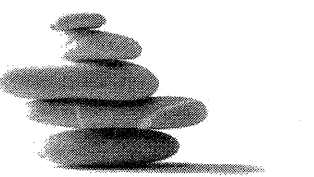EXISTING RUBBLE STONE
FOUNDATION WALL

2251   2123

494

7085

BASEMENT FLOOR FRAMING AND FOUNDATION PLAN

1 : 50

- DESIGN LIVE LOAD = 4.8 kPa.
- REFER TO DRAWINGS S1 FOR GENERAL NOTES & SCHEDULES.

BASEMENT PLAN KEY NOTES

(1) 15M @ 300 O/C TOP & BOTTOM DOWELS.

(2) DROP SLAB SOFFIT FOR LIFT DEPRESSION (DEPTH TO BE COORDINATED WITH ARCH).
REINFORCE EDGE WITH 2-15M TOP & BOTTOM CONT. HOOK SLAB TOP BARS DOWN.
10M TIES @ 300 O/C TO MATCH SLAB REINFORCING.

(3) L76x76x9.5 CONTINUOUS GALVANIZED (TOED UP) SLAB SUPPORT AT DOORWAYS ONLY.
19ø x MINIMUM 150 EMBEDMENT HILTI HY200 EPOXY ANCHOR BOLTS
@ 300 O/C MAX (MINIMUM 2 PER SEGMENT).

(4) HSS UPRIGHTS CAST INTO CONC. SEE DRAWING S3 FOR DETAILS.

(5) INSTALL ADDITIONAL 10M STIRRUPS @ 200 O/C AROUND THE HSS UPRIGHTS.

(6) 2-15M TOP & BOTTOM ADDITIONAL AROUND OPENING

(7) 600ø PRECAST CONC SUMP PIT. SEE ARCH. 9.5mm STEEL COVER PLATE

DO NOT SCALE DRAWINGS

Revision/ Revision	Description/Description	Date/Date
E	ISSUED FOR TENDER	16/09/12
D	RE-ISSUED FOR REVIEW	16/08/05
C	99% CONSTRUCTION DOCUMENT SUBMISSION	16/06/27
B	50% CONSTRUCTION DOCUMENT SUBMISSION	16/05/13
A	DESIGN DEVELOPMENT SUBMISSION	16/02/19

Client/client

Public Works and Government Services Canada

100 - 167 Lombard Avenue
Winnipeg, Manitoba

Project title/Titre du projet
Lower Fort Garry (LFG)
National Historic Site, Manitoba

HERITAGE BUILDING RECAPITALIZATION

Approved by/Approuve par
SS

Designed by/Concept par
BF

Drawn by/Dessine par
CL

PWGSC Project Manager/Administrateur de Projets TPSGC
CHRISTINA KOVACS

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PWGSC

Drawing title/Titre du dessin

BASEMENT/FOUNDATION FRAMING PLAN & NOTES

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.075212.001	**S2** OF 6	**E**