

MAIN FLOOR WALL PENETRATION PLAN
SCALE: 1 : 30

NOTES:

- SEE DRAWING 1-0164L-S0001 FOR GENERAL NOTES.

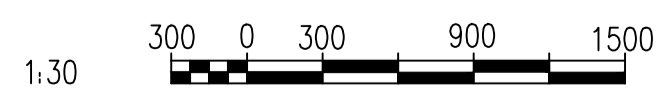
WALL PENETRATIONS:

- SIZES AND LOCATIONS OF THE WALL PENETRATIONS TO BE COORDINATED WITH MECHANICAL CONTRACTOR.
- USE GALVANIZED L127x89x9.5 AND L178x102x9.5 BACK TO BACK AS LINTEL/FRAME ANGLES FOR THE OPENINGS.
- RESTORE ANY DAMAGED BRICKWORK TO ITS ORIGINAL CONDITION AFTER THE INSTALLATION OF THE LINTEL/FRAMES FOR THE PENETRATIONS.

MASONRY:

- ALL MASONRY WORK SHALL BE DONE IN ACCORDANCE WITH CAN3-A371.
- CONCRETE BLOCKS TO CONFORM TO CAN3-A165. STANDARD HOLLOW MASONRY UNITS TO BE H/15/A/M.
- BRICKS TO BE BURNED CLAY TO CAN/CSA A82.1. ACCEPTABLE MATERIAL: IXI 246 WHISTLER GRAY ROCKFACED UNLESS NOTED OTHERWISE.
- MORTAR TO CONFORM TO CSA-A179, TYPES BASED ON PROPORTION SPECIFICATIONS. EXTERIOR BEARING WALLS = TYPE S. BRICK VENEER = TYPE N. COLOURING ADMIXTURE NOT TO EXCEED 10% OF CEMENT MASS.
- USE DURAWALL REINFORCEMENT, TIES AND ANCHORS EVERY SECOND COURSE.
- TOP COURSE OF ALL BLOCK WALLS TO BE "U" BLOCK WITH 2 - 15M REINFORCING BARS AND 20 MPA CONCRETE FILL CONTINUOUS UNLESS OTHERWISE NOTED.
- ALL MASONRY WALLS TO BE SECURELY BRACED UNTIL THE STRUCTURE IS CLOSED IN.

263	SUPERSTRUCTURE DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER BID OPP. 907-2011	2012/02/24	DS	RB

SNC-LAVALIN INC.
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DESIGNED BY: D. SIDHU
DRAWN BY: M. TUGADE
SCALE: AS SHOWN
DATE: 2011/09/29

CHECKED BY: R. C. BEAN
APPROVED BY: C. J. REIMER
RELEASED FOR CONSTRUCTION BY: K.R. ZUREK
DATE: 2012/02/24

CONSULTANT NO.: 508042-0000-42DD-0016

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY:
D. S. SIDHU
SNC-LAVALIN
MEMBER #24837
2012/02/23
REV. 00

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MONTCALM WASTEWATER PUMPING STATION
2011 UPGRADES
PLAN
MAIN FLOOR WALL PENETRATIONS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0164L-S0016	001	00	A1