



1 BASEMENT FLOOR PLAN - MECHANICAL RENOVATION  
M2 / M2 SCALE: 1/4"=1'-0"

**BASEMENT MECHANICAL RENOVATION NOTES:**

- 1 RE-INSTALL STEAM ZONE VALVES 1, 2 AND 3.
- 2 NEW BALL VALVES - SUPPLY AND INSTALL TO SUIT LINE SIZE.
- 3 INSTALL NEW STEAM AND CONDENSATE PIPING, ISOLATION VALVES, FITTINGS, HANGERS, ETC. LOCATION AND SIZES AS PER DRAWINGS. STEAM PIPING TO BE SCHEDULE 40 BLACK. GRADE CONDENSATE PIPING FOR PROPER DRAINAGE/RETURN TO CONDENSATE TANK.
- 4 PRESSURE TEST ALL NEW STEAM LINES.
- 5 FIRE SEAL (1 HOUR RATING) AROUND ALL PENETRATIONS THROUGH FLOOR SLAB AND FIRE RATED WALLS.
- 6 INSULATE ALL STEAM LINES AND CONDENSATE LINES WITH 1" FIBREGLASS WITH CANVAS JACKET.
- 7 NEW NATURAL GAS SUPPLY LINE - CONNECT TO EXISTING BOILER.
- 8 NEW CONDENSATE TANK - SUPPLY AND INSTALLATION BY OTHERS.
- 9 EXISTING COMBUSTION AIR INTAKE DUCTWORK - EXTEND INTO NEW MECHANICAL ROOM THROUGH NEW FIRE RATED WALL C/W FIRE DAMPER.

MECHANICAL SYMBOLS	
SYMBOL	DESCRIPTION
	ZONE VALVE
	BALL VALVE
	GATE VALVE
	ANGLE VALVE
	STRAINER
	NEW STEAM PIPING
	NEW CONDENSATE PIPING
	NEW NATURAL GAS PIPING
	NEW WALLS - SEE WALL TYPES
	NEW WALLS - 1 HOUR FIRE RATED - SEE A1

ORIGINAL SEALED BY:  
D.A. Paley P. Eng.  
Date: JULY 16, 2014

No.	REVISION/DESCRIPTION	BY	DATE
SEAL			

DRAWN	CHECKED	DESIGNED	APPROVED
JAW/RCP			
DATE 2014.07.14	USER APPROVAL		

Winnipeg THE CITY OF WINNIPEG  
PLANNING, PROPERTY AND  
DEVELOPMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
3-65 GARRY STREET, R3C 4K4

PROJECT  
AMBULANCE STATION # 3  
STRUCTURAL & OCCUPANCY UPGRADES  
DESIGN OF STRUCTURAL UPGRADES  
598 ST. MARY'S ROAD

SHEET TITLE  
BASEMENT FLOOR PLAN  
MECHANICAL  
RENOVATION

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-047	M2