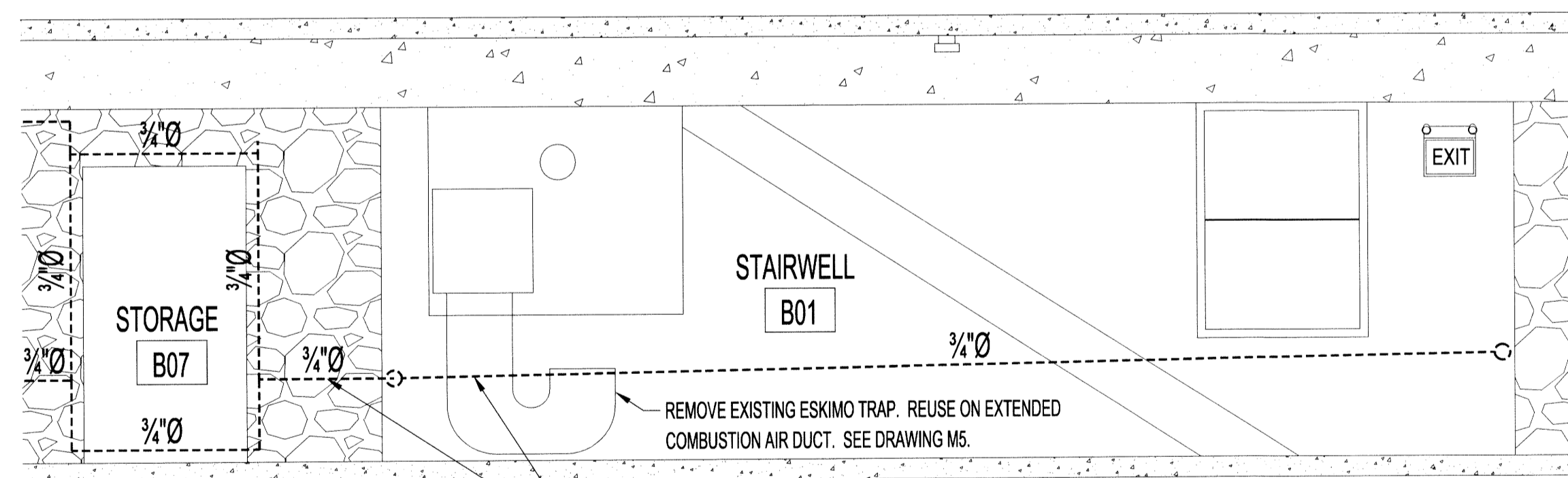
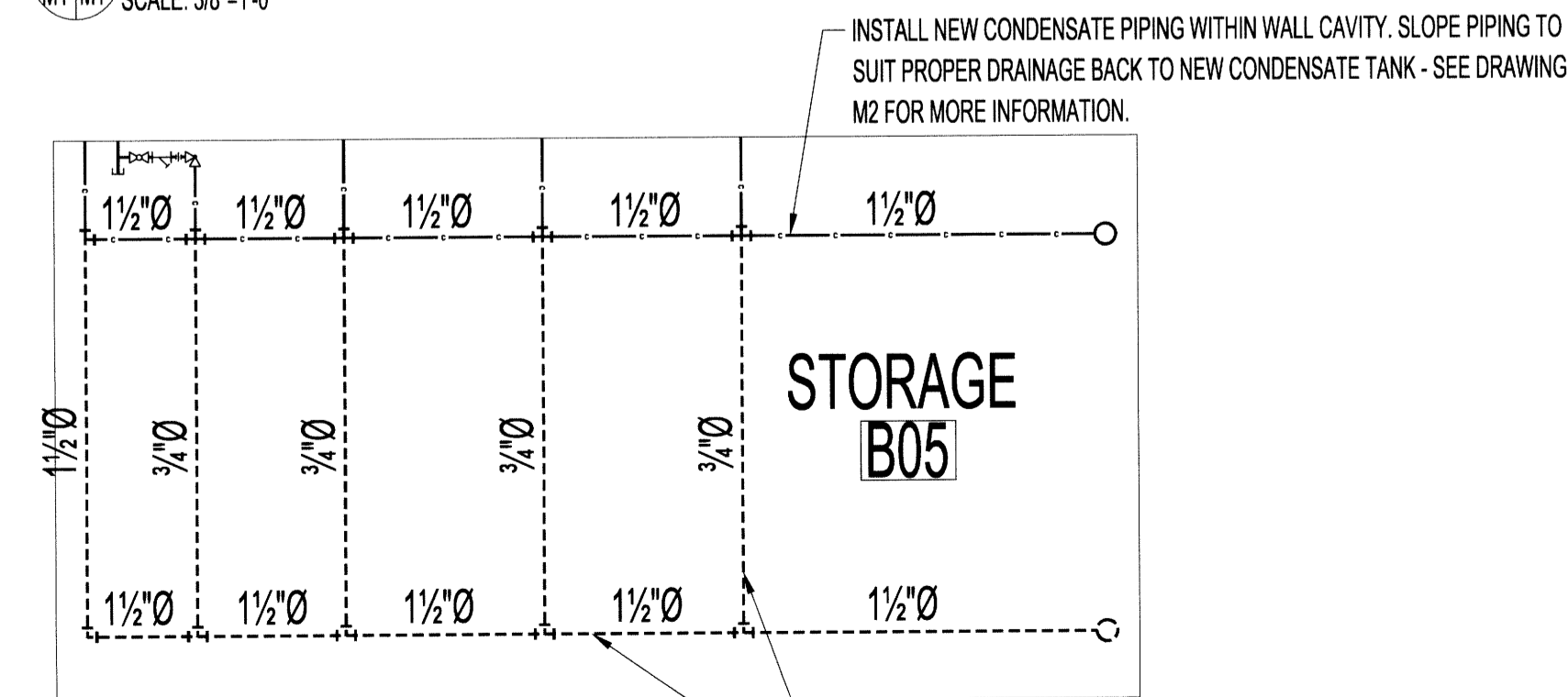


1 BASEMENT FLOOR PLAN - STEAM & HVAC DEMOLITION
M1/M1 SCALE: 1/4"=1'-0"



2 PARTIAL NORTH BASEMENT WALL ELEVATION
M1/M1 SCALE: 3/8"=1'-0"



3 STORAGE B05 SOUTH WALL ELEVATION
M1/M1 SCALE: 3/8"=1'-0"

BASEMENT MECHANICAL DEMOLITION NOTES:

- 1 REMOVE AND DISCARD STEAM AND CONDENSATE PIPING, ISOLATION VALVES, FITTINGS, HANGERS, ETC. SHOWN AND UP TO 12" ABOVE MAIN FLOOR LEVEL TO ACCOMMODATE FLOOR REPLACEMENT. COORDINATE WITH STRUCTURAL. REMOVE EXISTING RADIATORS ON MAIN FLOOR AND RE-INSTALL AFTER FLOOR REPLACEMENT. PIPING WILL BE REPLACED WITH NEW AS PER DRAWING M2.
- 2 REMOVE & DISCARD ENTIRE REDUNDANT 1 1/2" Ø STEAM LINE.
- 3 REMOVE AND RETAIN (3) ZONE VALVES.
- 4 REMOVE & DISCARD GAS PIPE TO EXISTING BOILER.
- 5 REMOVE & DISCARD 2" Ø ABANDONED PIPE SECTION TO MAIN FLOOR.
- 6 REMOVE, DISCARD & CAP EXISTING GAS PIPING.
- 7 REMOVE, DISCARD & CAP EXISTING 1/2" Ø GAS PIPE BACK TO 2" Ø SOURCE. CAP AT 90° FITTING.
- 8 DEMOLISH PIPING UP TO THIS POINT.

MECHANICAL SYMBOLS	
SYMBOL	DESCRIPTION
	ZONE VALVE
	GATE VALVE
	ANGLE VALVE
	STRAINER
	STEAM PIPING
	CONDENSATE PIPING
	NATURAL GAS PIPING

NOTES:

- THESE DRAWINGS SHALL NOT BE SCALED. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THAT ALL DIMENSIONS, DATUMS AND DETAILED INFORMATION SHOWN ARE CORRECT.
- THE CONTRACTOR IS TO REPORT ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL ADDITIONAL OPENINGS THROUGH FLOORS, WALLS AND CEILINGS FOR DUCT AND PIPING RISERS AND ALL OPENINGS NOT SHOWN ON THE DRAWINGS.
- ALL NEW & EXISTING OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER. INSTALL FIRE DAMPERS IN ALL NEW DUCTS PASSING THROUGH FIRE BARRIERS.
- ALL PRODUCTS AND MATERIALS ARE TO BE USED AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND APPLICABLE CODES.
- BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
- PROVIDE TEMPORARY HEAT TO THE ENTIRE BUILDING TO PREVENT FREEZING DURING THE CONSTRUCTION PERIOD.
- REMOVE AND DISCARD ALL ABANDONED PIPING IN BASEMENT.
- SUPPLY & INSTALL MECHANICAL WORK AS SHOWN ON PLAN & THE FOLLOWING:
 - INSULATE ALL RELOCATED AND NEW STEAM AND DOMESTIC WATER PIPING AND COVER WITH APPROVED MATERIALS.
 - PROVIDE MECHANICAL INSPECTION CERTIFICATE AT THE COMPLETION OF THE PROJECT.
- INSTALLATION OF EQUIPMENT MUST CONFORM TO THE ICC STANDARDS OF THE INTERNATIONAL MECHANICAL CODE, THE NATIONAL BUILDING CODE, VENTILATING SYSTEMS STANDARDS, NFPA 90A, ASHRAE, CSA & LOCAL BUILDING, PLUMBING & WASTE WATER CODES. ALL APPLIANCES MUST BE ELECTRICALLY GROUNDING IN ACCORDANCE WITH LOCAL CODES & THE LATEST CANADIAN ELECTRICAL CODE.
- THE CONTRACTOR SHALL CERTIFY AND ENSURE ALL SYSTEMS ARE FUNCTIONING PROPERLY.
- SEAL ALL NEW PENETRATIONS THROUGH EXTERIOR WALLS WEATHERTIGHT.

ASBESTOS CAUTION:
EXISTING MECHANICAL, PLUMBING, CEILING & FLOORING MATERIALS IN BASEMENT & MAIN FLOOR AREAS MAY CONTAIN ASBESTOS. CONTRACTOR SHALL FOLLOW MANITOBA WORKPLACE SAFETY & HEALTH ACT REGULATIONS & CONTACT CITY OF WINNIPEG, CENTRAL CONTROL OFFICE AT 966-2351. COST OF ASBESTOS REMOVAL IS NOT INCLUDED IN THIS CONTRACT.

LEAD PAINT CAUTION:
BASEMENT & MAIN FLOOR WALLS & CEILING PAINT MAY CONTAIN LEAD. CONTRACTOR SHALL FOLLOW MANITOBA WORKPLACE SAFETY & HEALTH ACT REGULATIONS DURING DEMOLITION & RENOVATION WORK. CONTACT CITY OF WINNIPEG, CENTRAL CONTROL OFFICE AT 966-2351.

CONFINED ENTRY:
BASEMENT CRAWLSPACE REQUIRES CONFINED ENTRY LEVEL 2 ACCESS. ENTRY PERMIT REQUIRED PRIOR TO ENTERING. CONTACT CENTRAL CONTROL OFFICE FOR APPLICATION & ENTRY PROCEDURES.

ALTERNATE PRICING:
PROVIDE ALTERNATE PRICE TO MAINTAIN SERVICES TO THE BUILDING FOR ONE DAY PER WEEK DURING CONSTRUCTION.

0	ISSUED FOR CONSTRUCTION	DJ	AUG 18 2014
No.	REVISION/DESCRIPTION	BY	DATE

SEAL

PROVINCE OF MANITOBA
D.J. JHINGER
Member
23861
REGISTERED PROFESSIONAL ENGINEER
2014/08/18

DRAWN: JAWRCP
CHECKED: [Signature]
DESIGNED: DJ
APPROVED: [Signature]

DATE: 2014.07.14
USER APPROVAL

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

SHEET TITLE BASEMENT FLOOR PLAN MECHANICAL DEMOLITION		
SCALE AS SHOWN	PROJECT No: 2013-047	SHEET No: M1

KGS GROUP
CONSULTING ENGINEERS
APEGM
Certificate of Authorization
KGS GROUP
No. 245