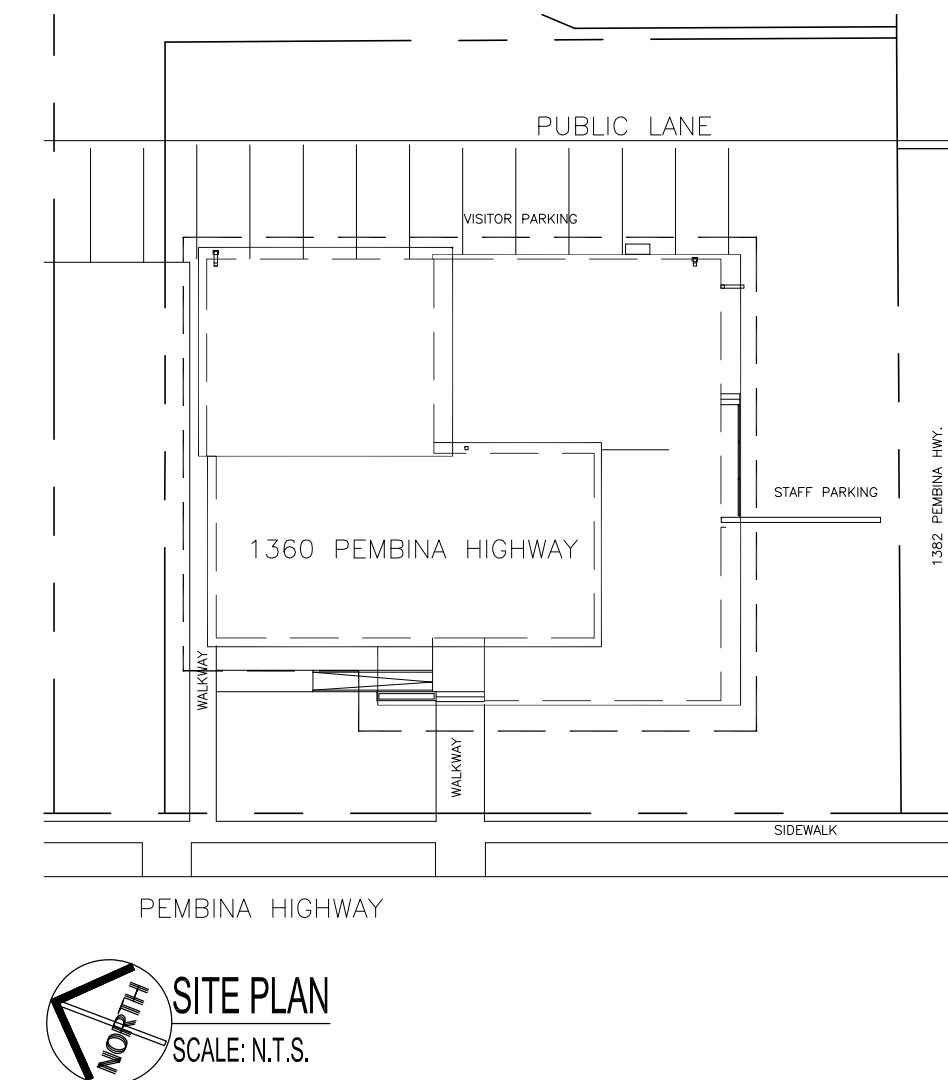


PLUMBING SYMBOLS	
	WATER CLOSET
	LAVATORY
	UNISEX WASHROOM LAVATORY
	KITCHEN SINK
	JANITOR SERVICE SINK
	FLOOR DRAIN
	WALL HYDRANT
	COLD WATER (CW)
	HOT WATER (HW)
	SANITARY ABOVE GRADE
	PLUMBING VENT
	PLUMBING CLEANOUT
	BALL VALVE
	WYE FITTING

MECHANICAL SYMBOLS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WALL MOUNTED EVAPORATORS (SUPPLY & INSTALL) EVAPORATOR UNIT SIZE. EVAPORATOR IDENTIFICATION NUMBER. (ALSO SEE SCHEDULE)		ROOF TOP MAKE-UP AIR (MUA) UNIT & CONNECTED DUCTWORK (TO BE DEMOLISHED).
	CONDENSING UNIT IDENTIFICATION NUMBER. CONDENSING UNITS (SUPPLY & INSTALL)		ROOF TOP UNIT (RTU-1), (SUPPLY & INSTALL) SEE HVAC SCHEDULE.
	RADIATOR FIN TUBES: CONTRACTOR TO CLEAN & STRAIGHTEN ALL MAIN & MEZZANINE FLOOR RADIATOR FIN TUBE TINES. RADIATOR FIN TUBE COVERS: ALL EXISTING RADIATOR FIN TUBE COVERS TO BE CLEANED, PRIMED & PAINTED TO MATCH EXISTING COLOR. WHERE MAIN FLOOR RADIATOR COVERS ARE MISSING THE CONTRACTOR SHALL SUPPLY & INSTALL NEW COVERS & PAINT TO MATCH EXISTING. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL. RADIATOR WALL SUPPORT BRACKETS / HANGERS: CONTRACTOR TO CHECK ALL EXISTING RADIATOR COVER SUPPORT HANGERS AND REPAIR EXISTING OR SUPPLY & INSTALL NEW WALL SUPPORTS (AS REQUIRED) TO ACCOMMODATE NEW COVERS. RADIATOR GRILLES: ALL EXISTING ALUMINUM RADIATOR GRILLES UNDER INTERIOR WEST WINDOWS TO BE REMOVED, CLEANED & RE-INSTALLED.		CENTRALIZED DIGITAL CONTROL FOR ROOF TOP CONDENSING UNITS. (SEE HVAC EQUIPMENT SCHEDULE).
	ROOF TOP A/C CONDENSING UNITS (TO BE DEMOLISHED)		WALL MOUNTED EVAPORATORS CONTROLS. X DENOTES EVAPORATOR NUMBER (SEE HVAC EQUIPMENT SCHEDULE).
	GAS PIPE (EXISTING TO REMAIN)		MENS WASHROOM ROOF TOP EXHAUST HOOD (TO BE DEMOLISHED).
	GAS METER (EXISTING TO REMAIN)		MENS & WOMENS WASHROOM ROOF TOP EXHAUST HOODS (TO BE DEMOLISHED).
	BOILER CHIMNEY (EXISTING TO REMAIN)		ROOF TOP A/C CONDENSING UNIT FOR (MUA). (TO BE DEMOLISHED)
	ROOF ACCESS HATCH (EXISTING TO REMAIN)		TYPE OF GRILLE OR DIFFUSER SIZE IN INCHES CAPACITY IN CFM (EXH-EXHAUST) (RIA-RETURN AIR)
	PITCH PAN (SEE ROOF DEMOLITION & RENOVATION DWG.)		
	SUPPLY AIR		
	RETURN AIR, EXHAUST		
	ISOLATION CONNECTION		



DRAWING LIST	
SHEET No:	SHEET TITLE
M1	ROOF PLAN - DEMOLITION - MECHANICAL
M2	ROOF PLAN & SCHEDULES - RENOVATION - MECHANICAL
M3	CRAWLSPACE, BASEMENT, MAIN & MEZZANINE FLOOR PLAN - DEMOLITION - MECHANICAL
M4	MEZZANINE & MAIN FLOOR PLAN - RENOVATION - MECHANICAL
M5	BASEMENT & PARTIAL MAIN FLOOR PLAN - DEMOLITION & RENOVATION - PLUMBING
M6	SPECIFICATIONS - MECHANICAL & PLUMBING

NOTES:

ALSO SEE ARCHITECTURAL, ROOF & ELECTRICAL DWGS.

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY HIMSELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH ROOFS, FLOORS, WALLS, AND CEILINGS FOR DUCTWORK, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON 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.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

CONTRACTOR TO CLEAN & RE-INSTALL EXISTING RADIATOR BASEBOARD HEAT PIPE ESCUTCHEON PLATES FLUSH TO NEW FLOORING OR INSTALL NEW AS REQUIRED.

CONTRACTOR TO FOLLOW REFRIGERATION RECOVERY PROCEDURES PRIOR TO DEMOLITION WORK.

CONTRACTOR TO DECOMMISSION (5) EXISTING ROOF TOP A/C CONDENSING UNITS & (1) ROOF TOP MAKE-UP AIR (MUA) UNIT. REMOVE & DISCARD ALL ROOF TOP CONDENSING UNIT REFRIGERATION & CONDENSATE DRAIN LINES TO (7) MAIN FLOOR & (1) MEZZANINE WALL MOUNTED EVAPORATORS.

CONTRACTOR TO RE-USE, WHERE POSSIBLE, EXISTING WALL PENETRATIONS FOR REPLACEMENT OF MEZZANINE & MAIN FLOOR WALL MOUNTED EVAPORATORS. REFRIGERANT LINES, EMT & CONDENSATE DRAIN LINES. PROVIDE NEW PENETRATIONS TO ACCOMMODATE NEW WALL MOUNTED EVAPORATOR LOCATIONS, UNLESS OTHERWISE SPECIFIED.

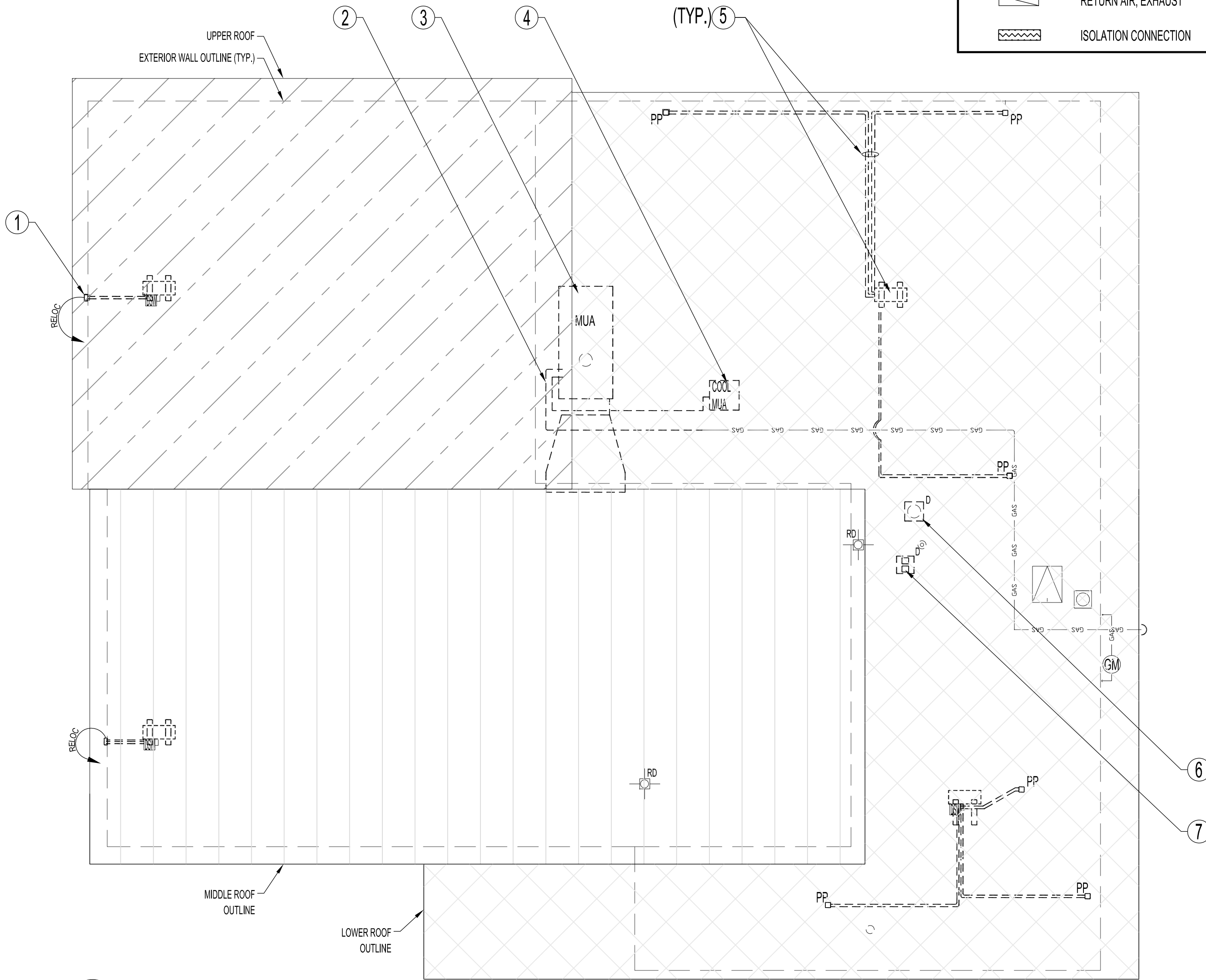
ALL NEW EXTERIOR STEEL SHROUDS FOR EVAPORATORS, TO BE FABRICATED WITH SAME MATERIAL GAUGE AND PAINTED TO MATCH EXISTING COLORS. TERMINATE ALL NEW COOPER CONDENSATE DRAIN LINES AND SHROUDS 2" (MINIMUM) PAST EXTERIOR BRICK.

ALL ELECTRICAL EMT & WIRING RUNS FROM DEMOLISHED ROOF TOP EQUIPMENT SHALL BE DISCONNECTED FROM EQUIPMENT TO ASSOCIATED BUILDING PANELBOARDS (NOT SHOWN). CONTRACTOR MAY RE-USE EXISTING EMT RUNS BY MODIFYING / EXTENDING RUNS TO ACCOMMODATE NEW EQUIPMENT SELECTION & PLACEMENT.

CONTRACTOR TO CO-ORDINATE NEW MECHANICAL ROOF TOP EQUIPMENT INSTALLATIONS WITH ROOFING CONTRACTOR. ALSO SEE ROOF DWGS.

CAUTION:
CONTRACTOR TO TAKE NECESSARY PRECAUTIONS WHEN ENTERING CRAWLSPACE WORK AREA AND MUST CONTACT THE CITY OF WINNIPEG CENTRAL CONTROL OFFICE AT (204-986-2129) FOR CONFINED SPACE ENTRY LEVEL 2 PROCEDURES AND PERMIT APPLICATION.

REFER TO ELECTRICAL DRAWINGS FOR MECHANICAL EQUIPMENT POWER SUPPLIES, CONTROLLERS & SEQUENCE OF OPERATIONS.



DEMOLITION NOTES - MECHANICAL
ALSO SEE MAIN FLOOR DEMOLITION MECHANICAL DWG.

— EXISTING TO REMAIN
- - - - - TO BE DEMOLISHED

- REMOVE, RELOCATE & MODIFY EXISTING (C4 & C5) EXTERIOR CONDUIT & CONDENSATE SHROUDS TO ACCOMMODATE NEW INTERIOR WALL MOUNTED EVAPORATORS EVAP1-A & EVAP3-A.
- REMOVE & DISCARD EXISTING SECTION OF NATURAL GAS PIPING SHOWN DASHED.
- DISMANTLE & DISCARD MAKEUP AIR UNIT (MUA) AND CONNECTED INTERIOR & EXTERIOR DUCTWORK.
- REMOVE & DISCARD (MUA) A/C CONDENSING UNIT.
- DISCONNECT, REMOVE & DISCARD (4) CONDENSING UNITS.
- REMOVE & DISCARD MENS & WOMENS WASHROOM EXHAUST FAN HOODS. EXISTING OPENING SHALL BE USED FOR NEW EF-2.
- REMOVE & DISCARD WASHROOM EXHAUST HOOD. PATCH OPENING TO ACCEPT RE-ROOFING WORK.

ROOF PLAN - DEMOLITION - MECHANICAL
SCALE: 1/8"=1'-0"

No.	REVISION/DESCRIPTION	BY	DATE
SEAL			

DRAWN	RCP	CHECKED	DTA	DESIGNED	DTA	APPROVED
DATE	2012.08.17	USER	APPROVAL			

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

PROJECT
FORT GARRY LIBRARY
INTERIOR & EXTERIOR REFURBISHING

1360 PEMBINA HWY
SHEET TITLE
ROOF PLAN
DEMOLITION
MECHANICAL

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2011-096	M1