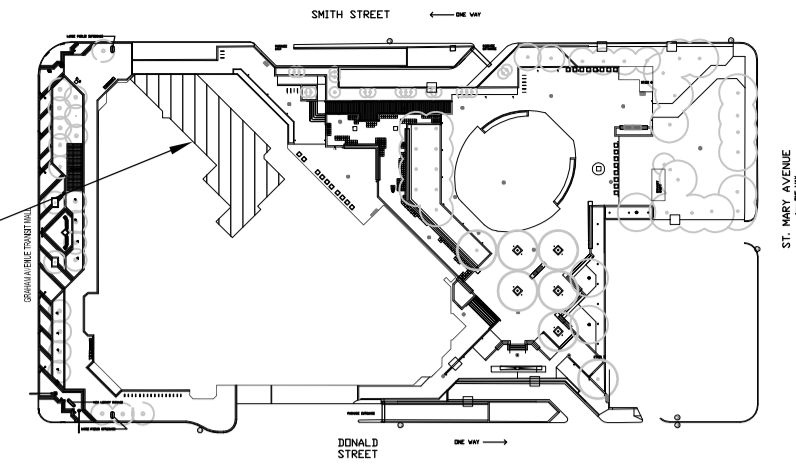


**PARTIAL THIRD FLOOR PLAN - MECHANICAL RENOVATION**  
 SCALE: 1/8"=1'-0"

**THIRD FLOOR PLAN MECHANICAL RENOVATION NOTES:**

- 1 NEW SUPPLY AIR DIFFUSER - SEE SCHEDULE FOR SIZE
- 2 NEW RETURN AIR GRILLE - SEE SCHEDULE FOR SIZE
- 3 NEW AIR TRANSFER ELBOW C/W ACOUSTIC LINING. INSTALL AT HIGH LEVEL
- 4 CONNECT NEW 8"Ø SUPPLY DUCT TO EXISTING SUPPLY DUCT AT THIS LOCATION
- 5 CONNECT NEW 8"Ø EXHAUST DUCT TO EXISTING EXHAUST DUCT AT THIS LOCATION
- 6 RELOCATE EXISTING SUPPLY AIR DIFFUSER AS SHOWN
- 7 RELOCATE EXISTING SPRINKLER HEADS AS SHOWN
- 8 NEW UPRIGHT SPRINKLER HEAD
- 9 NEW PENDENT SPRINKLER HEAD
- 10 NEW SPRINKLER LINE AS SHOWN

GRILLE AND DIFFUSER SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
S-1	ROUND CONE DIFFUSER	E.H. PRICE	RCD	NECK SIZE REFER TO DRAWINGS, COLOUR B12
R-1	LOUVERED FACE RETURN	E.H. PRICE	530	45° DEFLECTION. REFER TO DRAWING FOR SIZE, COLOUR B12
R-2	EGG CRATE FACE RETURN	E.H. PRICE	80	REFER TO DRAWING FOR SIZE, COLOUR B12



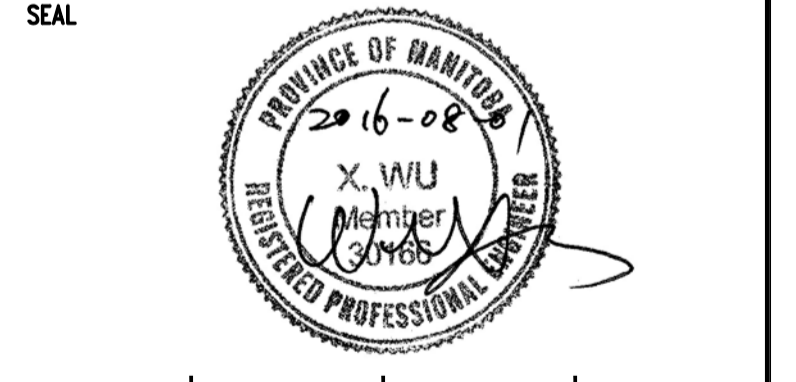
**KEY PLAN**  
 SCALE: N.T.S.

**MECHANICAL SYMBOLS**

- EXISTING CONSTRUCTION TO REMAIN
- - - TO BE DEMOLISHED
- NEW CONSTRUCTION
- NEW BALANCE DAMPER
- ⊙ EXISTING SUPPLY AIR GRILLE TO BE REMOVED
- ⊙ EXISTING RETURN AIR GRILLE TO BE REMOVED
- ⊙ NEW SUPPLY AIR GRILLE
- ⊙ NEW RETURN AIR GRILLE
- NEW FLEX DUCT THERMOFLEX, MODEL M-KE
- ⊙ GRILLE TYPE (SEE GRILLE SCHEDULE)
- ⊙ SIZE
- ⊙ CFM / RIA
- ⊙ EQUIPMENT DESIGNATION
- SP — NEW WET SPRINKLER PIPING
- ⊙ UP EXISTING UPRIGHT SPRINKLER HEAD
- ⊙ UP NEW UPRIGHT SPRINKLER HEAD
- ⊙ PD NEW PENDENT SPRINKLER HEAD
- ⊙ RU RELOCATED UPRIGHT SPRINKLER HEAD
- ⊙ EXISTING THERMOSTAT TO REMAIN
- ⊙ EXISTING SPEAKER TO REMAIN
- ⊙ EXISTING FIRE HORN/STROBE TO REMAIN
- ⊙ EXISTING FIRE PULL STATION TO REMAIN
- ⊙ EXISTING FIRE EXTINGUISHER TO REMAIN
- ⊙ EXISTING EXIT SIGN TO REMAIN

**NOTES:**  
 THESE DRAWINGS SHALL NOT BE SCALED.  
 THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.  
 THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.  
 ALL 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.  
 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING RISERS, SWING JOINTS AND DEEP CUP ESCUTCHEONS AS REQUIRED.  
 COMPLETE ALL WORK IN CONFORMANCE WITH THE REQUIREMENTS OF NFPA 13-2013 'STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS'.  
 ELECTRICAL WIRING SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL SUBCONTRACTOR.  
 NEW DUCT SHALL BE CONSTRUCTED AS RECOMMENDED BY SMACNA.  
 AIR SYSTEM SHALL BE BALANCED AND TESTED BY AN INDEPENDENT AIR BALANCE AGENCY TO PROVIDE AIR QUANTITY AS SHOWN. PROVIDE AIR BALANCE REPORT FOR REVIEW BY CONTRACT ADMINISTRATOR.

No.	REVISION/DESCRIPTION	BY	DATE
1	ISSUED FOR CONSTRUCTION	MMK	AUG 1 2016
0	PRELIMINARY DRAWING ISSUED	JAW	MAY 31 2016



DRAWN	CHECKED	DESIGNED	APPROVED
JAW	XYW	XYW	XYW

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

**PROJECT**  
 MILLENNIUM LIBRARY  
 DEVELOPMENT OF THIRD FLOOR  
 IDEA MILL  
 251 DONALD STREET

**SHEET TITLE**  
 PARTIAL THIRD FLOOR PLAN  
 MECHANICAL RENOVATION