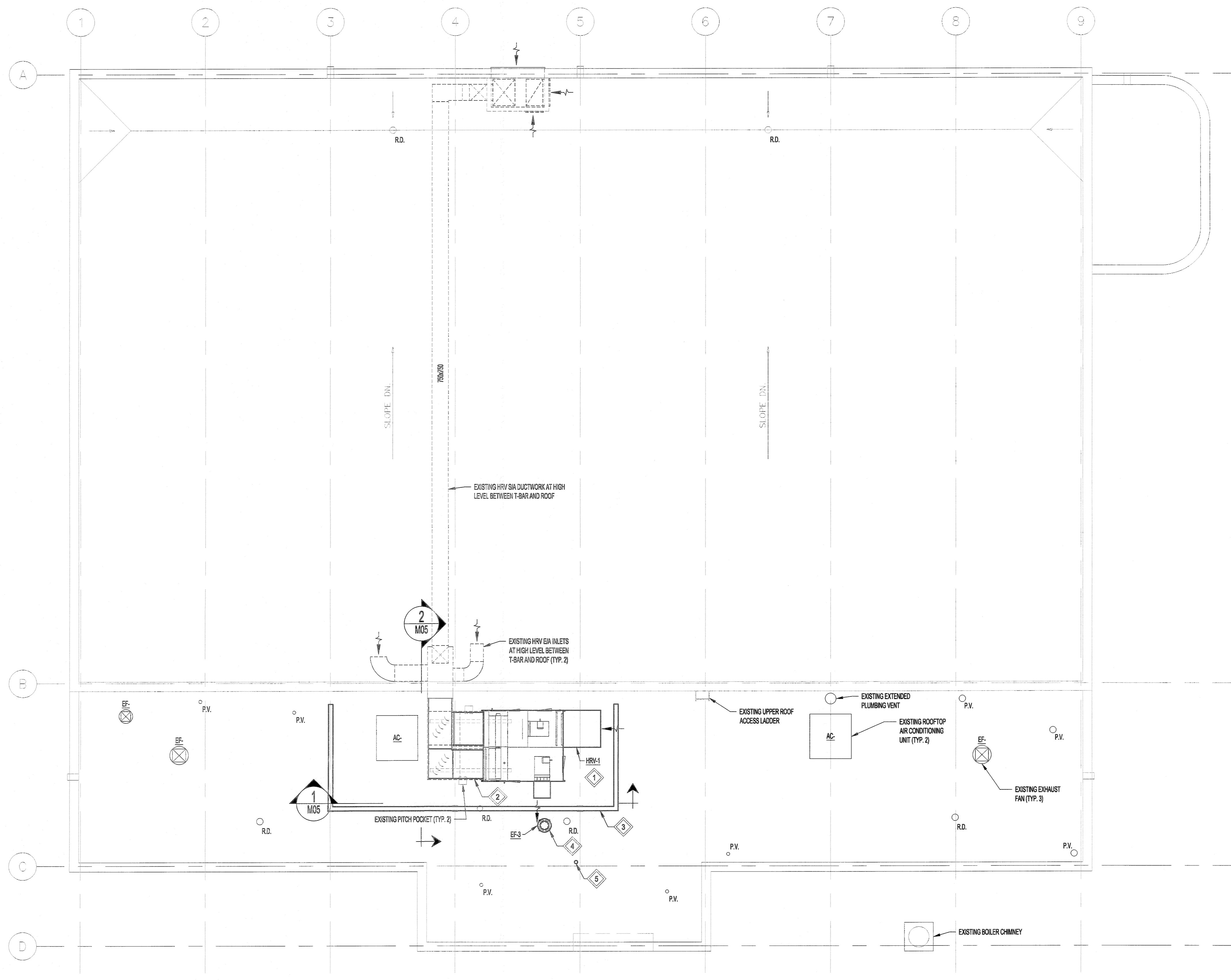


FILE NAME: DWG 699-2019 DRAWING\_M04  
 DATE: 19.08.19  
 PROJECT No: 19-0107-007  
 SHEET TITLE: MECHANICAL - ROOF PLAN - PLUMBING AND HVAC - NEW  
 ADDRESS: 1215 ARCHIBALD STREET



**KEYNOTES:**

- 1 INSTALL NEW HEAT RECOVERY VENTILATOR (HRV-1). CONNECT TO EXISTING SUPPLY AND EXHAUST DUCTWORK WHERE SHOWN. PROVIDE NEW INSULATED HEAT TRACED DRAIN LINES AND CONNECT TO EXISTING DRAIN. INSULATION AND HEAT TRACE SHALL CONTINUE TO THE PITCH POCKET. SEE STRUCTURAL DRAWINGS FOR NEW SUPPORT PLATFORM.
- 2 PROVIDE NEW EIA AND SIA PLENUM CONNECTIONS TO THE NEW HRV.
- 3 PROVIDE NEW EQUIPMENT SCREEN.
- 4 PROVIDE NEW ROOF MOUNTED EXHAUST FAN EF-3 CW/ ROOF CURB. (SEE STRUCTURAL DRAWING FOR DETAILS.)
- 5 RELOCATE EXISTING PLUMBING VENT TO NEW LOCATION. PROVIDE HORIZONTAL RUN IN CEILING SPACE FROM THE OLD TO NEW LOCATION. SEE DRAWING M03 FOR LOCATION OF EXISTING VENT PIPE.

**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 THE FIRE SEPARATIONS AS A RESULT OF THE WORK OF THIS CONTRACT ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE AND 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.  
 WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.  
 WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

**GENERAL NOTES:**

1. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
2. EQUIPMENT LOCATIONS, DUCT, AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES. WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR. COORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK, AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
3. CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF DUCTWORK.
4. SEAL ALL WALL PENETRATIONS AND DUCTWORK WATER AND AIR TIGHT.
5. PROVIDE ALL WALL PENETRATIONS. PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE FIRE SEALED.

**LEGEND:**

- NEW EQUIPMENT / PIPING / DUCTWORK
- EXISTING EQUIPMENT / PIPING / DUCTWORK
- ==== EXTERNAL DUCT INSULATION
- SIA SUPPLY AIR
- RIA RETURN AIR
- OIA OUTDOOR AIR
- EIA EXHAUST AIR
- HRV-1 HEAT RECOVERY VENTILATOR
- R.D. ROOF DRAIN
- AC AIR CONDITIONING UNIT
- EF EXHAUST FAN
- P.V. PLUMBING VENT

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER		19.08.19

SEAL

DRAWN	CHECKED	DESIGNED	APPROVED
LMN	P	LMN	
DATE 19.08.19	USER APPROVAL		

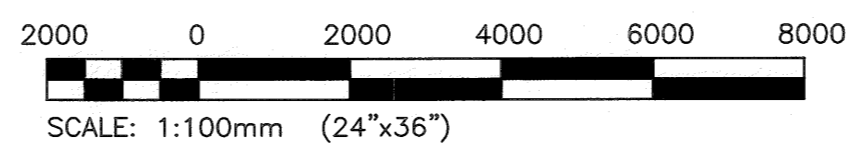
THE CITY OF WINNIPEG  
 PLANNING, PROPERTY AND  
 DEVELOPMENT DEPARTMENT  
 MUNICIPAL ACCOMMODATIONS DIVISION  
 3-65 GARRY STREET, R3C 4K4

PROJECT  
 ROOFTOP HEAT RECOVERY  
 VENTILATOR REPLACEMENT  
 BONIVITAL POOL  
 1215 ARCHIBALD STREET

SHEET TITLE  
 MECHANICAL  
 ROOF PLAN  
 PLUMBING AND HVAC - NEW

SCALE	PROJECT No:	SHEET No:
AS SHOWN	19-0107-007	M04

**ROOF PLAN - NEW**  
 SCALE 1:100



SCALE VERIFIED BY: *LMN*

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 No. 245

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