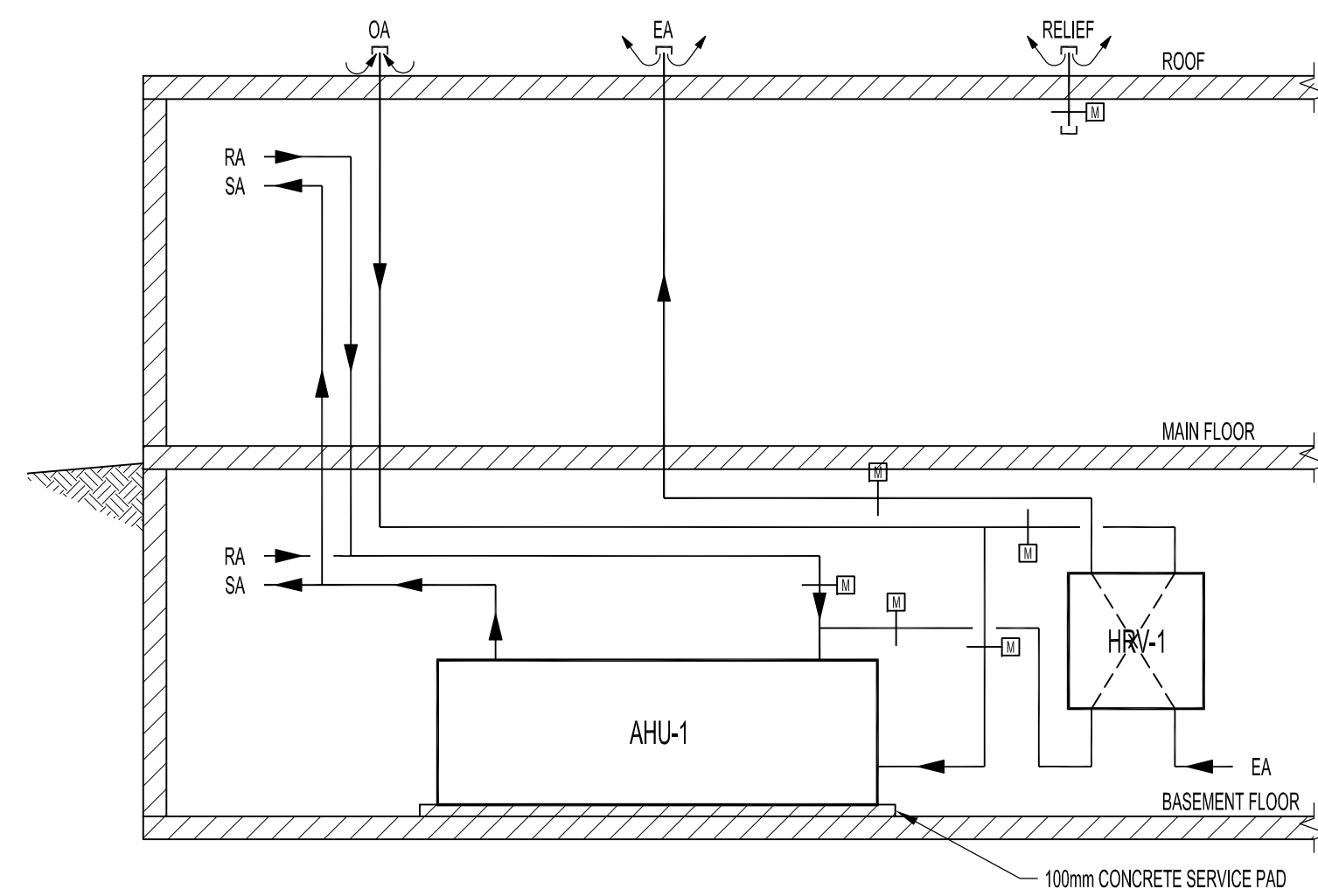


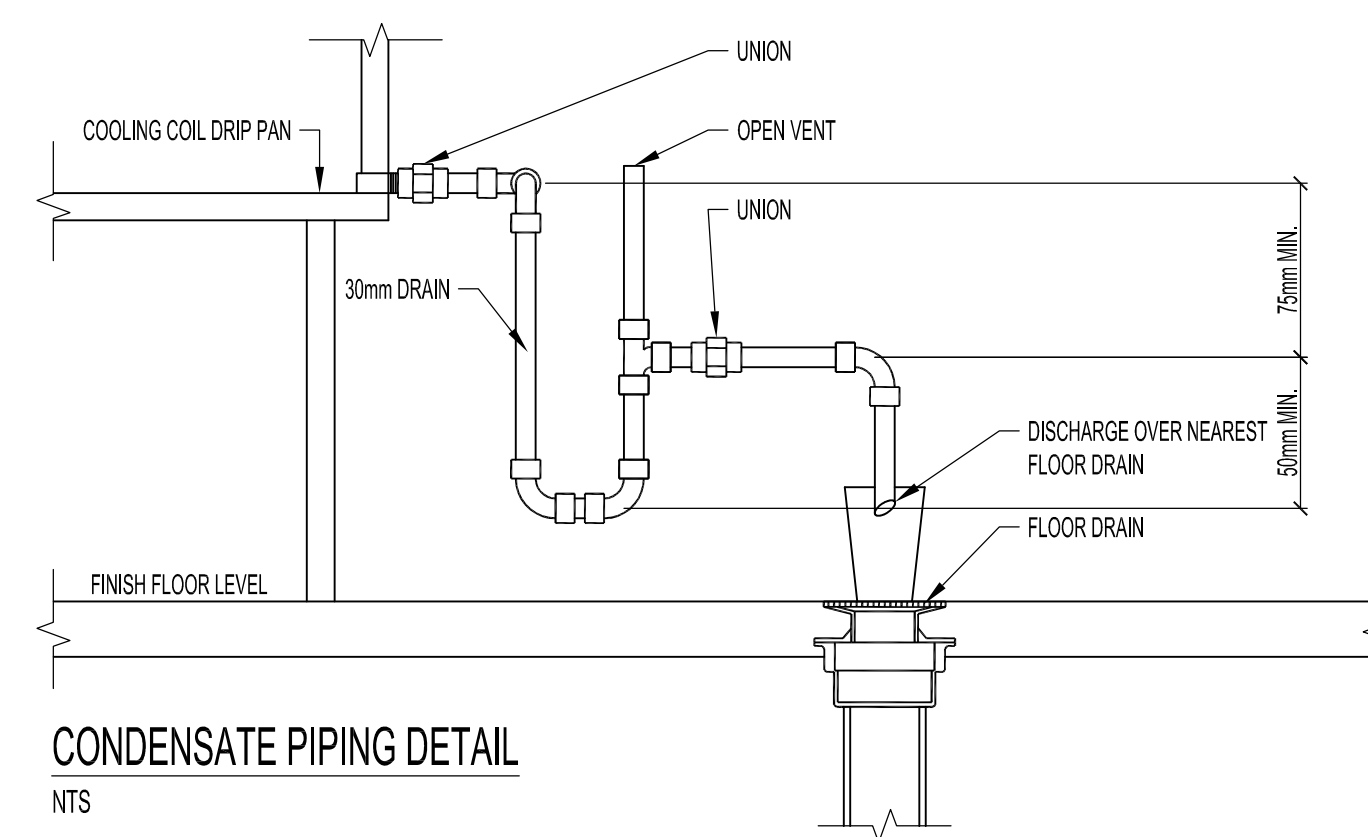
BASEMENT HVAC NOTES:

- 1 ELECTRIC HEATER (TYPICAL) SHOWN FOR INFORMATION. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 2 WALL MOUNTED SPLIT AIR CONDITIONER INDOOR UNIT. DRAIN TO MECHANICAL ROOM FLOOR DRAIN. REFER TO M6 FOR OUTDOOR UNIT LOCATION.
- 3 INDOOR AIR HANDLING UNIT INSTALLED ON 100mm CONCRETE SERVICE SLAB.
- 4 HEAT RECOVERY VENTILATOR SUSPENDED FROM STRUCTURE. DRAIN TO MECHANICAL ROOM FLOOR DRAIN.
- 5 CIRCULATION FAN SUSPENDED FROM STRUCTURE.
- 6 800x400 SUPPLY AIR DUCT UP TO MAIN FLOOR C/W FIRE DAMPER.
- 7 800x400 RETURN AIR DUCT DOWN FROM MAIN FLOOR C/W FIRE DAMPER.
- 8 800x450 FRESH AIR DUCT DOWN FROM MAIN FLOOR C/W FIRE DAMPER.
- 9 2500 EXHAUST DUCT DOWN FROM MAIN FLOOR C/W FIRE DAMPER.
- 10 350x300 EXHAUST DUCT UP TO MAIN FLOOR.
- 11 1000 DRYER EXHAUST DUCT C/W INSULATION UP TO MAIN FLOOR.

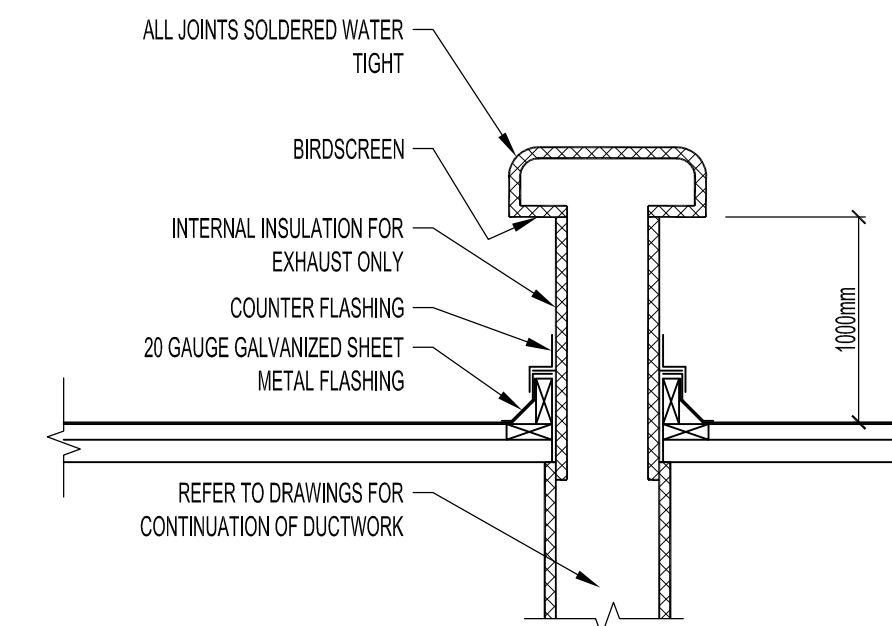
BASEMENT HVAC PLAN
SCALE 1:100



VENTILATION SYSTEM SCHEMATIC
NTS



CONDENSATE PIPING DETAIL
NTS



ROOF HOOD DETAIL
NTS

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THIS DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR TO COORDINATE EXACT LOCATIONS OF AND ROUTING ON SITE WITH ALL NEW SYSTEMS.

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, 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.

CONTRACTOR SHALL CONFIRM THE LOCATION AND ROUTE OF ALL EQUIPMENT, PIPING, AND DUCTWORK ON SITE.

LOCATIONS OF DIFFUSERS AND GRILLES SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. REFER TO ELECTRICAL LIGHTING LAYOUT AND ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF DIFFUSER AND GRILLES.

ALL TRANSFER DUCTS TO BE LINED WITH 25mm ACOUSTIC INSULATION.

ALL DIFFUSERS AND GRILLES SHALL HAVE UPSTREAM ADJUSTABLE BALANCING DAMPERS.

BRANCH DUCTING TO DIFFUSER TO MATCH DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE.

COORDINATE DUCT ROUTING WITH SUBTRADES TO AVOID CONFLICTS.

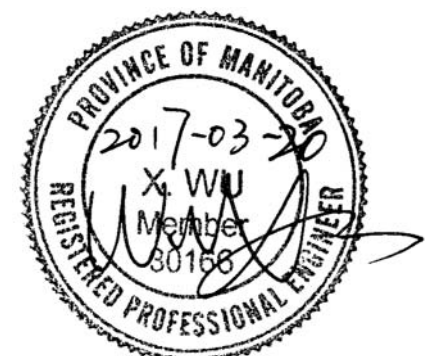
INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE TO US OF STRUCTURE.

PROVIDE TURNING VANES IN EACH RECTANGULAR ELBOW.

FIRE DAMPER SHALL BE INSTALLED ON ALL DUCTS PENETRATING FIRE SEPARATION FLOOR SLABS AND WALLS.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	JAW	MAR 20 2017

SEAL



DRAWN	CHECKED	DESIGNED	APPROVED
JAW	XYW	XYW	XYW
DATE	USER APPROVAL		

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

PROJECT
BRADY ROAD LANDFILL
ADMINISTRATION BUILDING
DEVELOPMENT FOR BRADY LANDFILL
1777 BRADY ROAD

SHEET TITLE
BASEMENT HVAC PLAN

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2015-037	M5