



MAIN FLOOR HVAC PLAN
SCALE 1:100

MAIN FLOOR HVAC NOTES:

- 1 ELECTRIC HEATER SHOWN FOR INFORMATION. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 2 1200 x 1000 RELIEF DUCT UP TO ROOF RELIEF HOOD (1000mm ABOVE ROOF). PROVIDE AND INSTALL MOTORIZED DAMPER AND DRIP PAN TO THE RELIEF DUCT.
- 3 RANGE HOOD - PROVIDE AND INSTALL 200Ø EXHAUST DUCT UP TO ROOF EXHAUST HOOD (1000mm ABOVE ROOF).
- 4 800 x 400 RETURN AIR DUCT OPEN ENDED IN CEILING SPACE.
- 5 800 x 400 SUPPLY AIR DUCT UP FROM BASEMENT.
- 6 800 x 400 RETURN AIR DUCT DOWN TO BASEMENT.
- 7 800 x 450 FRESH AIR INTAKE FROM ROOF HOOD DOWN TO BASEMENT.
- 8 250Ø EXHAUST DUCT DOWN TO BASEMENT.
- 9 350 x 300 EXHAUST AIR DUCT UP FROM BASEMENT.
- 10 350 x 300 EXHAUST AIR DUCT UP TO ROOF EXHAUST HOOD (1000mm ABOVE ROOF).
- 11 SPLIT AIR CONDITIONER AUTO UNIT. REFER TO DRAWING M5 FOR INDOOR UNIT LOCATION.
- 12 AIR HANDLING UNIT #1 CONDENSER UNIT INSTALLED ON 100mm CONCRETE SERVICE PAD.
- 13 100Ø DRYER EXHAUST UP FROM BASEMENT UP TO ROOF. DRYER EXHAUST DUCT SHALL BE INSULATED CWV PVC JACKET. CONFIRM FINAL LOCATION ON SITE.

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 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.
 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.

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

SEAL



DRAWN	JAW	CHECKED	XYW	DESIGNED	XYW	APPROVED	XYW	
DATE	2016.08.25	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
 MAIN FLOOR HVAC PLAN

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2015-037	M6