



**MECHANICAL SITE PLAN**  
N.T.S.

**MECHANICAL SITE PLAN NOTES:**

- 1 1200 x 1000 RELIEF HOOD (1000mm ABOVE ROOF).
- 2 2000 RANGE HOOD EXHAUST GOOSENECK (1000mm ABOVE ROOF).
- 3 800 x 450 FRESH AIR INTAKE HOOD (1000mm ABOVE ROOF).
- 4 350 x 300 EXHAUST AIR HOOD (1000mm ABOVE ROOF).
- 5 100mm DRYER EXHAUST VENT C/W GOOSENECK.
- 6 100mm PVC COMPOSTER VENT PIPE C/W WIND TURBINE VENTILATOR (1000mm ABOVE ROOF).
- 7 50mm POTABLE WATER FILL C/W CAM LOCK. GRADE BACK TO DOMESTIC WATER TANK WT-1.
- 8 75mm GREY WATER PUMP OUT. GRADE BACK TO GREY WATER TANK WT-2.
- 9 50mm WEEPING TILE SUMP PIT DISCHARGE TO SPLASHPAD ON GROUND.
- 10 100mm PVC RADON EXHAUST PIPE.

MECHANICAL SYMBOLS	
	NEW CONSTRUCTION
	NEW BALANCE DAMPER
	NEW FIRE DAMPER
	NEW MOTORIZED DAMPER
	NEW SUPPLY AIR GRILLE
	NEW RETURN/EXHAUST AIR GRILLE
	NEW FLEX DUCT THERMOFLEX, MODEL M-KE
	GRILLE TYPE (SEE GRILLE SCHEDULE) SIZE CFM / RJA
	NEW DDC THERMOSTAT
	NEW SINGLE DUCT VAV TERMINAL UNIT C/W ATTENUATOR
	AIR TRANSFER ELBOW WITH ACOUSTIC LINER
	EQUIPMENT DESIGNATION
	BACKDRAFT DAMPER
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	DOMESTIC HOT WATER RECIRCULATION LINE
	SANITARY DRAIN PIPING ABOVE SLAB
	SANITARY DRAIN PIPING BELOW SLAB
	VENT LINE
	SHUT OFF VALVE
	FLOOR DRAIN
	CLEANOUT
	PLUMBING FIXTURE DESIGNATION
	VENT THROUGH ROOF
	CHECK VALVE
	HOSE BIBB
	DIRECTION OF FLOW
	PUMP
	TURNING VANE
	ACOUSTIC INSULATION
	ELECTRIC UNIT HEATER
	ELECTRIC BASEBOARD HEATER
	ELECTRIC FORCE FLOW HEATER

DRAWING LIST	
SHEET No:	SHEET TITLE
M1	MECHANICAL SITE PLAN, MECHANICAL SYMBOLS AND DRAWING LIST
M2	BASEMENT DOMESTIC WATER PIPING PLAN
M3	BASEMENT SANITARY DRAIN AND VENT PLAN
M4	MAIN FLOOR PLUMBING PLAN
M5	BASEMENT HVAC PLAN
M6	MAIN FLOOR HVAC PLAN
M7	MECHANICAL SCHEDULES
M8	MECHANICAL SCHEDULES

**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.

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

SEAL

DRAWN	CHECKED	DESIGNED	APPROVED
JAW	XYW	XYW	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  
 MECHANICAL SITE PLAN,  
 MECHANICAL SYMBOLS AND DRAWING LIST

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2015-037	M1