

MECHANICAL DRAWING LIST	
M-1.1	MECHANICAL LEGEND AND DRAWING LIST
M-1.2	MECHANICAL ROOF PLAN
M-2.1	MAIN FLOOR PLAN PLUMBING LAYOUT
M-2.2	MAIN FLOOR PLAN DRAIN, WASTE AND VENTING LAYOUT
M-2.3	MEZZANINE FLOOR PLAN PLUMBING LAYOUT
M-2.4	MECHANICAL PLUMBING DETAILS & SCHEMATICS
M-2.5	MECHANICAL PLUMBING DETAILS & SCHEMATICS
M-3.1	MAIN FLOOR PLAN VENTILATION LAYOUT
M-3.2	MEZZANINE FLOOR PLAN VENTILATION LAYOUT
M-3.3	MECHANICAL VENTILATION DETAILS & SCHEMATICS
M-3.4	MECHANICAL VENTILATION DETAILS & SCHEMATICS
M-4.1	MAIN FLOOR PLAN IN-FLOOR HEATING LAYOUT
M-5.1	MAIN & MEZZANINE FLOOR PLAN FIRE PROTECTION LAYOUT

GENERAL LEGEND	
	ELECTRIC BASEBOARD HEATER
	ELECTRIC FORCE FLOW HEATER
	GAS / ELECTRIC UNIT HEATER
	UNDERGLUT DOOR
	GRILLE/DIFFUSER LABEL
	RADIATION LABEL
	EQUIPMENT LABEL
	CALLOUT NOTE

ACCESSORIES LEGEND	
	PLUMBING FIXTURE (TYPE NOTED)
	SERVICE OUTLET (TYPE NOTED)
	FLOOR DRAIN (TYPE NOTED)
	ROOF DRAIN (TYPE NOTED)
	MANHOLE
	"P"-TRAP
	RUNNING TRAP
	PUMP
	WATER HAMMER ARRESTOR
	PRESSURE SWITCH
	FLOW SWITCH
	MANUAL AIR VENT
	AUTOMATIC AIR VENT
	GAS METER
	WATER METER
	STEAM TRAP
	EXPANSION JOINT
	ALIGNMENT GUIDE
	ANCHOR
	PRESSURE GAUGE C/W SNUBBER VALVE
	THERMOMETER

GENERAL PIPE AND FITTING LEGEND	
	PIPE SLOPE - UP (OR DOWN)
	DIRECTION OF FLOW
	PIPE DOWN
	PIPE UP
	CAP
	CLEAN OUT
	HOSE BIBB
	UNION
	VALVE - NORMALLY OPEN
	VALVE - NORMALLY CLOSED
	MOTORIZED 2-WAY VALVE
	MOTORIZED 3-WAY VALVE
	PRESSURE REGULATING VALVE
	TEMPERATURE/PRESSURE RELIEF VALVE
	CHECK VALVE

PLUMBING PIPING LEGEND	
	ABOVE GROUND PIPING
	BELOW GROUND PIPING
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER (SET TO 110°F)
	RECIRCULATED DOMESTIC HOT WATER (SET TO 110°F)
	NATURAL GAS
	SANITARY DRAIN
	STORM WATER DRAIN
	RAIN WATER LEADER
	INDIRECT DRAIN
	PLUMBING VENT
	PLUMBING VENT THROUGH ROOF

FIRE PROTECTION LEGEND	
	FIRE WATER PIPING
	STANDPIPE PIPING
	SPRINKLER PIPING
	WET PIPE SPRINKLER PIPING
	DRY PIPE SPRINKLER PIPING
	GLYCOL SPRINKLER PIPING
	UPRIGHT SPRINKLER HEAD
	PENDANT SPRINKLER HEAD
	RECESSED SPRINKLER HEAD
	SIDEWALL SPRINKLER HEAD
	FIRE EXTINGUISHER
	FIRE EXTINGUISHER IN CABINET
	FIRE HOSE CABINET
	FIRE HYDRANT
	FIRE DEPARTMENT SIAMESE INLET
	FIRE DEPARTMENT SIAMESE OUTLET
	POST INDICATOR VALVE
	ELECTRICALLY SUPERVISED VALVE

VENTILATION LEGEND	
	SQUARE OR RECTANGULAR DUCT
	DRAWN DOUBLE LINE
	ROUND OR OVAL DUCT
	DRAWN DOUBLE LINE
	ACOUSTICALLY LINED DUCT
	THERMALLY INSULATED DUCT
	SQUARE TO ROUND TRANSITION
	TRANSITION
	FLEX CONNECTION
	LONG RADIUS ELBOW
	LONG RADIUS ELBOW C/W TURNING VANES
	SQUARE ELBOW C/W TURNING VANES
	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN OR TRANSFER DUCT UP
	RETURN OR TRANSFER DUCT DOWN
	EXHAUST DUCT UP
	EXHAUST DUCT DOWN
	OUTSIDE AIR DUCT UP
	OUTSIDE AIR DUCT DOWN
	CEILING SUPPLY AIR DIFFUSER (TYPE NOTED)
	CEILING RETURN OR TRANSFER GRILLE (TYPE NOTED)
	CEILING EXHAUST GRILLE (TYPE NOTED)
	SIDEWALL SUPPLY AIR GRILLE (TYPE NOTED)
	SIDEWALL EXHAUST, RETURN OR TRANSFER GRILLE (TYPE NOTED)
	EXHAUST WALL CAP
	FIRE DAMPER
	BALANCING DAMPER
	OPPOSED BLADE DAMPER
	BACK DRAFT DAMPER
	END CAP
	ACCESS DOOR
	FAN-SYMBOL (TYPE NOTED)

CONTROLS LEGEND	
	WALL MOUNTED THERMOSTAT
	WALL MOUNTED TEMPERATURE SENSOR
	DAMPER OR VALVE MOTOR
	MANUAL SWITCH

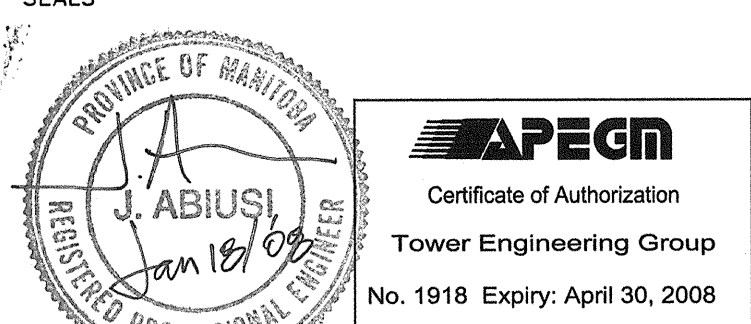
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NO.	REVISION/ISSUED/PILOTED	DATE
1	DESIGN DEVELOPMENT SUBMISSION	31/AUG/07
2	ISSUED FOR 40% REVIEW	28/OCT/07
3	ISSUED FOR 80% REVIEW	07/DEC/07
4	ISSUED FOR 100% REVIEW	11/JAN/08
5	ISSUED FOR TENDER	18/JAN/08

NO.	REVISION/DESCRIPTION	BY	DATE



DRAWN BY: LR CHECKED BY: LR APPROVED BY: LR
 DATE: 2007.11.12 USER APPROVAL

CITY OF WINNIPEG
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
 CIVIC ACCOMMODATIONS DIVISION
 300 - 65 GARRY ST. R3C 4K4

PROJECT
 BRONX PARK COMMUNITY CENTRE
 HOME OF
 GOOD NEIGHBOURS SENIOR CENTRE
 WINNIPEG, MB.

SHEET TITLE
 MECHANICAL
 LEGEND & DRAWING LIST

SCALE: AS SHOWN PROJECT NO: PP&D 2006-065 SHEET NO: M-1.1
 DRAWING SHEET SIZE: ARCH E1 (42" x 30") PLOT 1:1