

CONTROL SYMBOLS	
SYMBOL	DESCRIPTION
Ⓜ	THERMOSTAT
Ⓜ	HUMIDISTAT
Ⓜ	CONTROL WIRING (LOW VOLTAGE)

GENERAL	
SYMBOL	DESCRIPTION
Ⓜ S/A	SUPPLY AIR
Ⓜ R/A	RETURN AIR
Ⓜ E/A	EXHAUST AIR
Ⓜ	FIRE DAMPER
Ⓜ	MOTORIZED DAMPER
Ⓜ	BACKDRAFT DAMPER
Ⓜ	BALANCING DAMPER
Ⓜ	AIR FLOW DIRECTION
Ⓜ	PROPELLER FAN
Ⓜ	UNIT HEATER

MISC. ABBREVIATIONS	
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
TYP	TYPICAL
AFF	ABOVE FINISHED FLOOR
EL	ELEVATION

PIPING IDENTIFICATION	
SYMBOL	DESCRIPTION
Ⓜ DCW	DOMESTIC COLD WATER SUPPLY
Ⓜ DHW	DOMESTIC HOT WATER SUPPLY
Ⓜ S	SANITARY LINE
Ⓜ S	SANITARY LINE (BURIED)
Ⓜ V	SANITARY VENT
Ⓜ RS	REFRIGERANT SUCTION
Ⓜ RL	REFRIGERANT LIQUID
Ⓜ	PIPE DROP
Ⓜ	PIPE RISE
Ⓜ	PIPE TEE DOWN
Ⓜ	PIPE TEE UP
Ⓜ	FLOW DIRECTION

GRILLE AND DIFFUSER TAG	
# WW-X	# : QUANTITY (x2, x3, x4 ...)
YYY	WW : AIR OUTLET ABBREVIATION
ZZZ	X : TYPE (SEE SPECIFICATIONS)
	YYY : AIR OUTLET SIZE (mm x mm)
	ZZZ : AIR FLOW (l/s)

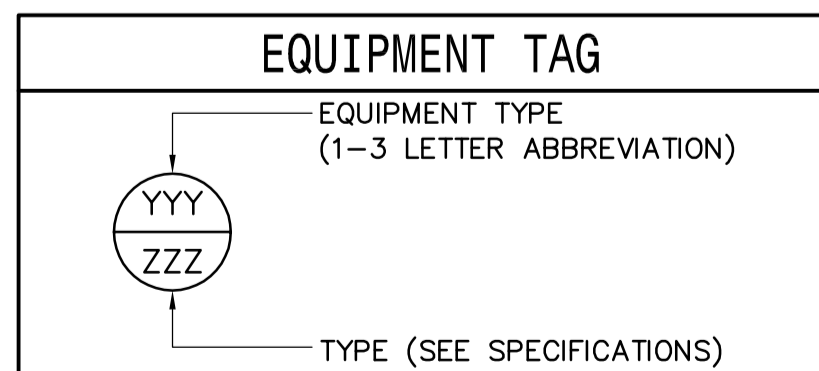
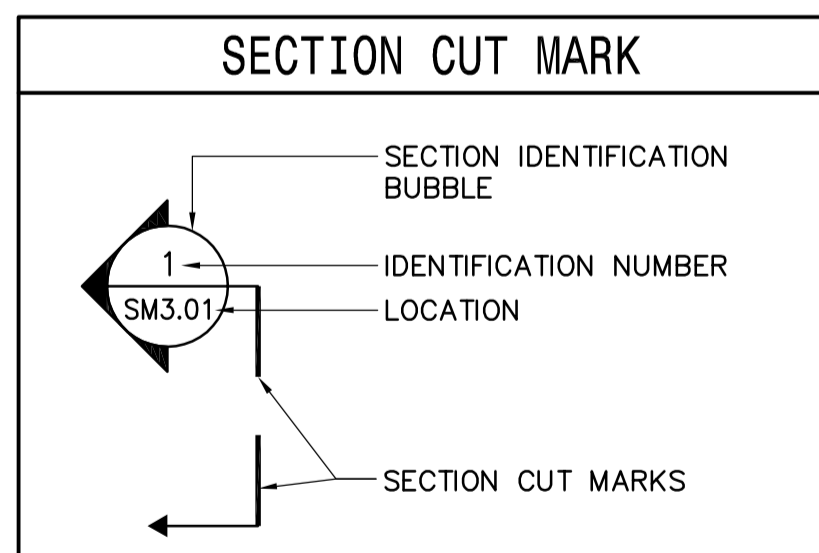
FIRE PROTECTION EQUIPMENT	
SYMBOL	DESCRIPTION
Ⓜ	FIRE EXTINGUISHER (10 kg)

VALVES AND PIPING SYMBOLS	
SYMBOL	DESCRIPTION
Ⓜ	BALL VALVE (NORMALLY OPEN)
Ⓜ	CHECK VALVE
Ⓜ	UNION
Ⓜ	PRESSURE GAUGE

PLUMBING & DRAINAGE	
SYMBOL	DESCRIPTION
Ⓜ FD-#	FLOOR DRAIN (TYPE)
Ⓜ CO	CLEANOUT (BELOW GRADE)
Ⓜ	P-TRAP

PLUMBING FIXTURES	
ABBREVIATIONS	DESCRIPTION
CO	CLEAN OUT
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
FD	FLOOR DRAIN
L	LAVATORY
WC	WATER CLOSET

MECHANICAL EQUIPMENT	
ABBREVIATIONS	DESCRIPTION
ACU	AIR CONDITIONING UNIT
CU	CONDENSING UNIT
EA	EXHAUST AIR
EF	EXHAUST FAN
EHC	ELECTRIC HEAT COIL
FE	FIRE EXTINGUISHER
HWT	HOT WATER TANK
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
UH	UNIT HEATER
TNK	TANK
P	PUMP
SPF	SUPPLY FAN
HRV	HEAT RECOVERY VENTILATOR
BH	BASEBOARD HEATER
SP	SUMP PIT



PLUMBING FIXTURE SIZING CONNECTION			
FIXTURE	SANITARY	DOMESTIC COLD WATER	DOMESTIC HOT WATER
WC FLUSH TANK	75ø mm (3"ø)	15ø mm (1/2"ø)	-
LAVATORY	40ø mm 1 1/2"ø	15ø mm (1/2"ø)	15ø mm (1/2"ø)
FLOOR DRAIN	75ø mm (3"ø)	-	-

DIFFUSER AND GRILLE SCHEDULE				
TYPE	USE FOR	MANUFACTURER	MODEL #	ROOM
A	SUPPLY	E.H. PRICE	SERIES 520 GRILL DOUBLE DEFLECTION 3/4" BLADE SPACING C/W 22 1/2 DEG. DEFLECTION	MECH. RM, OFFICE WASHRM
B	RETURN/EXHAUST	E.H. PRICE	530/F/L/D/A/B12	OFFICE

<p>Certificate of Authorization Earth Tech Canada Inc. No. 730</p>	B.M. ELEV.			ENGINEER'S SEAL			
				DESIGNED BY: DJP		CHECKED BY: PVL	ORIGINAL SIGNED BY: P. LAITINEN
				DRAWN BY: DJP		APPROVED BY: TGS	2007/07/20
				SCALE: AS NOTED		RELEASED FOR CONSTRUCTION BY: V. JEANCART	CONSULTANT DRAWING NO. M0.01
	0 ISSUED FOR TENDER 07/07/20 DJP	NO. REVISIONS DATE BY	DATE 2006/08/31	DATE 2007/07/20	BRADY RD. LANDFILL NEW ENTRANCE AND SCALE FACILITY MECHANICAL LEGENDS, ABBREVIATIONS AND SPECIFICATIONS CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER SED-D-385		