

NOTE: ALL SYMBOLS ILLUSTRATED IN THIS
LEGEND WILL NOT NECESSARILY BE USED FOR
THIS PROJECT.

AD. ACCESS DOOR

PLUMBING

DRIP DRAIN TO FUNNEL

 SUPPLY DUCT UP

PCM CUBIC FEET PER MINUTE

DESIGN PARAMETERS:

SIZING CALCULATION INFORMATION
 CALCULATION MONTHS:..... JAN TO DEC
 CALCULATION METHOD: TRANSFER FUNCTION METHOD

CENTRAL HEATING COIL SIZING DATA

MAX COIL LOAD:	229.3	MBH	LOAD OCCURS AT:	DES HTG
COIL AIRFLOW:	4258	CFM	ENT DB / LVG DB:	29.8/31.1 F
LOAD PER UNIT AREA:	30.6			
	BTU/(HR-SQFT)			

DESIGN AIRFLOW:1763 CFM
AIRFLOW PER UNIT FLOOR AREA:0.23 CFM/SQFT

KEY:	POSITIVE VALUES ARE CLG LOADS NEGATIVE VALUES ARE HTG LOADS	POSITIVE VALUES ARE HTG LOADS NEGATIVE VALUES ARE CLG LOADS
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OCCUPANT DENSITY = 65 FT² / PERSON / 7503 FT² = 115 PERSONS

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 $V_{bz} = R_p P + R_3 A_z$
 $V_{bz} = (7.5 \text{ cfm} \times 115 \text{ pers}) + (0.12 \text{ cfm} \times 7503 \text{ FT}^2)$
 $V_{bz} = 1763 \text{ CFM}$
 V_{bz} / E_z
 $1763 \text{ CFM} / 1.0 = 1763 \text{ CFM}$

M-1 MECHANICAL - LEGEND

M-1	MECHANICAL - LEGEND
M-2	MECHANICAL - PLUMBING - VENTILATION
M-3	MECHANICAL - SPECIFICATIONS
F-1	MECHANICAL - FIRE PROTECTION - PERFORMANCE DESIGN
F-2	MECHANICAL - FIRE PROTECTION

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ARCHITECT'S BCDN No.: 5744

CLIENT

BESTSELLER

225-A DE LIEGE OUEST
MONTREAL, QUEBEC, H2P 1H4

SEAL DESIGN

<div style="border: 1px solid black; height: 150px; width: 100%;"></div>	<p>DESIGN</p> <p><u>C. KALLIS</u></p> <p>DRAWN</p> <p><u>C. KALLIS</u></p> <p>CHECKED</p> <p><u>S. LAROCHE</u></p> <p>APPROVED</p> <p><u>S. SIRARD</u></p>
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PROJECT
POLO PARK - CF 1485
PORTAGE AVENUE
WINNIPEG, MANITOBA,
R3G 0W4
C.R.U. NO.: 304 & 305

TITLE

MECHANICAL

LEGEND

DATE	SCALE
NOVEMBER 2015	NO SCALE
PROJECT	DRAWING No
15-583	M-1