OUTDOOR AIR VENTILATION SCHEDULE

Space Name	Area Sq. Ft.	# Occupants per 1000 S.F.	# Occupants Total	Outdoor Air CFM per sq.ft.	Outdoor Air CFM per person	Outside Air CFM Required
Sales Area – 101	* 13,610	8	109		15	1,635
Vestibule – 100	172			0.05		9
Stockroom – 107	4,025			0.15		604
Sales/Support Room – 105	240	20	4		15	60
Egress Corridor	165			0.05		8
Demo Room – 110	66	20	1		15	15
Corridor – 106	79			0.05		4
Men's Toilet – 104	108		2		75	150
Women's Toilet – 105	120		3		75	225
TOTALS	18,585					2,710

PER INTERNATIONAL MECHANICAL CODE, TABLE 403.3
* NET AREA

HVAC SYMBOLS

- CD — LAY–IN CEILING DIFFUSER
- RG — LAY–IN CEILING RETURN GRILLE
- SHEET METAL DUCTWORK
- INSULATED FLEXIBLE DUCTWORK
- FD — FUSIBLE LINK FIRE DAMPER
- RETURN/EXHAUST AIR ELBOW FACING UP
- SUPPLY AIR ELBOW FACING DOWN
- RETURN/EXHAUST AIR ELBOW FACING DOWN
- ELBOW WITH TURNING VANES
- SPIN COLLAR WITH MANUAL VOLUME DAMPER
- DIRECTION OF AIR FLOW
- DUCT MOUNTED SMOKE DETECTOR

CONTROLS SCHEDULE

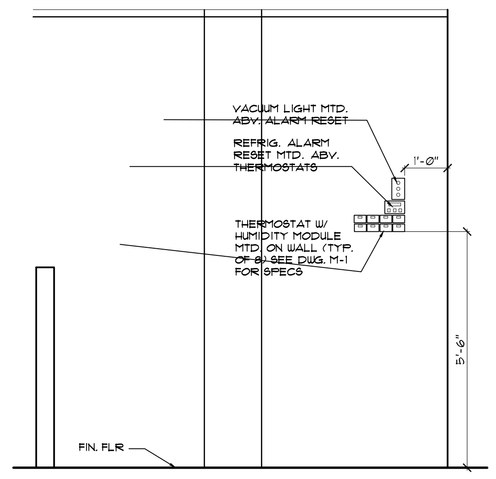
T	THERMOSTAT
S_T	REMOTE TEMPERATURE SENSOR
S_H	REMOTE HUMIDITY SENSOR

NOTE:
ALL SENSORS FOR H.V.A.C. SYSTEM TO BE LOCATED ON COLUMNS @ 8'–0" A.F.F.

NOTE:
ALL NEW AND EXISTING DUCTWORK THAT IIS EXPOSED, SHALL BE PAINTED. COLOR AS SELECTED BY THE ARCHITECT.

REFRIGERANT DETECTION SYSTEM NOTE:

REFRIGERANT DETECTION SYSTEM WITH REFRIGERANT DETECTORS LOCATED IN ACCORDANCE WITH IMC 1105.3 WITH AUDIBLE AND VISUAL ALARMS. INTERLOCK WITH EXISTING EXHAUST FAN, TO BE ENERGIZED UPON ACTIVATION OF REFRIGERANT DETECTORS. PROVIDE A CLEARLY IDENTIFIED SWITCH OF THE BREAK–GLASS TYPE TO PROVIDE ON–ONLY CONTROL OF THE EXISTING EXHAUST FAN, TO BE LOCATED AS DIRECTED BY LOCAL FIRE MARSHALL.



1 M-1 ELEVATION @ CAPTAINS OFFICE (HVAC / REFRIG. CONTROL LOCATIONS)
SCALE: 1/2" = 1'-0"

H.V.A.C. PLAN
SCALE: 1/8" = 1'-0"

DON PENN
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635 WESTPORT PARKWAY, SUITE 300
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SEAL

COMMENTS

NO	REVISIONS	DATE

DATE 04/28/10
JOB NO. FT-1912
DRAWN BY: FTA
TENANT STORE No. XXX
SPACE No. XXX
SALES: 17,224 sq. ft.
STOCK: 5,424 sq. ft.
MISC.: 1,464 sq. ft.
TOTAL: 23,930 sq. ft.

PROJECT
TRADER JOE'S
87 MARGINAL WAY
PORTLAND, ME. 04101

SHEET NAME
HVAC PLAN

M-1