

ELECTRIC HEATER SCHEDULE						
TAG	DESCRIPTION	HEATING OUTPUT (kw)	AIR FLOW (CFM)	SIZE (INCHES)		
				L	H	D
FF-1	FORCE FLOW HEATER	4.8	160	16 1/8	22 1/16	5 10/16
FF-2	FORCE FLOW HEATER	2	160	16 1/8	22 1/16	5 10/16
FF-3	FORCE FLOW HEATER	4.8	160	16 1/8	22 1/16	5 10/16
BB-1	BASEBOARD HEATER	1.5	—	35 1/2	6	5 3/4
BB-2	BASEBOARD HEATER	1.5	—	35 1/2	6	5 3/4
BB-3	BASEBOARD HEATER	1.5	—	35 1/2	6	5 3/4
BB-4	BASEBOARD HEATER	1.5	—	35 1/2	6	5 3/4
BB-5	BASEBOARD HEATER	1.0	—	23 5/8	6	5 3/4
BB-6	BASEBOARD HEATER	1.5	—	35 1/2	6	5 3/4
BB-7	BASEBOARD HEATER	1.5	—	35 1/2	6	5 3/4
BB-8	BASEBOARD HEATER	1.0	—	23 5/8	6	5 3/4
BB-9	BASEBOARD HEATER	1.5	—	35 1/2	6	5 3/4

- KEY NOTES:

- 1 SUPPLY AND INSTALL ALL ASSOCIATED SUPPLY AND RETURN DUCTWORK FOR NEW ROOFTOP UNIT RTU-1. MAIN DUCTS TO BASEMENT TO BE CONCEALED BY ARCHITECTURAL ENCLOSURE (BY OTHERS).
- 2 SUPPLY AND INSTALL ALL ASSOCIATED SUPPLY AND RETURN DUCTWORK AND ACCESSORIES FOR NEW ROOFTOP UNIT RTU-2. RETURN AIR DUCT TO RTU-2 IS OPEN-ENDED IN KITCHEN CEILING PLENUM.
- 3 NEW ARCHITECTURAL BULKHEAD (BY OTHERS) TO ENCLOSE SUPPLY DUCTWORK TO DINING ROOM AND ACT AS RETURN AIR PLENUM TO MAIN RETURN AIR DUCT. CO-ORDINATE WITH OTHERS TO MAINTAIN UNOBSTRUCTED RETURN AIR PATH TO KITCHEN CEILING PLENUM. CLEARANCES BETWEEN BULKHEAD INTERIOR AND UNDERSLAB OF ROOF SHALL BE 17" MINIMUM. REFER TO DETAIL 1 ON DRAWING M12.0.
- 4 SUPPLY AND INSTALL NEW RANGE HOOD RH-1 AND ALL ASSOCIATED DUCTWORK. DUCTWORK CONNECTING TO NEW GREASE EXHAUST HOOD EF-6 SHALL BE 16 GAUGE BLACK WELDED STEEL WITH 1 HOUR FIRE RATING. COMPLETE WITH 3/4 HOUR FIRE RATED ACCESS DOORS. DUCTWORK SHALL COMPLY WITH NFPA 98.
- 5 SUPPLY AND INSTALL ALL DUCTWORK ASSOCIATED WITH NEW EXHAUST FAN EF-4. EXTERNALLY INSULATE DUCTWORK FROM ROOF DOWN TO BACKDRAFT DAMPER. DUCTWORK IN WASHROOM TO BE CONCEALED BY ARCHITECTURAL BULKHEAD, PROVIDE ACCESS DOORS TO ACCESS DAMPERS AND FOR PROVIDING MAINTENANCE.
- 6 CO-ORDINATE WITH STRUCTURAL TRADES TO UNDERCUT WASHROOM DOORS BY 1" TO ALLOW FOR MAKEUP AIR INTO WASHROOMS.
- 7 ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW ELECTRIC BASEBOARD HEATERS BB-1, BB-2, BB-3, BB-4, BB-5, BB-6 AND BB-7 AND NEW ELECTRIC FORCE FLOW HEATER FF-3. LOCATIONS ARE SHOWN DIAGRAMMATICALLY AND TO BE CO-ORDINATED WITH ELECTRICAL CONTRACTOR.
- 8 SUPPLY AND INSTALL ALL DUCTWORK ASSOCIATED WITH NEW DISHWASHER EXHAUST FAN EF-5. DUCTWORK TO RUN THROUGH EXISTING ROOF PENETRATION, SEAL WATER AND AIR TIGHT. EXTERNALLY INSULATE DUCTWORK FROM ROOF DOWN TO BACKDRAFT DAMPER.

THIS DRAWING MUST NOT BE SCALED.







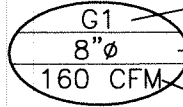


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REVISED/ ISSUED/ PLOTTED	DATE
Rev. 1 - ISSUED FOR TENDER	FEBRUARY 03/2011
Rev. 0 - ISSUED FOR TENDER	NOVEMBER 21/2010

LEGEND:

—	NEW EQUIPMENT/DUCTWORK
—	EXISTING EQUIPMENT OR DUCTWORK
---	CONTROL WIRING
EF	EXHAUST FAN
B	BOILER
RAD	RADIATOR
FF—	FORCE FLOW HEATER
BB—	BASEBOARD HEATER
RH—	RANGE HOOD
CU	OUTDOOR CONDENSING UNIT
A/C	AIR CONDITIONER
RTU-1 RF	RETURN AIR FAN FOR ROOFTOP UNIT
	SUPPLY AIR
	RETURN AIR
	EXHAUST AIR
	BALANCE DAMPER
	THERMOSTAT
	BACKDRAFT DAMPER
	GRILLE NO.
	NECK SIZE
	AIR FLOW
---	EXTERNALLY INSULATED DUCTWORK
	FIRE SUPPRESSION SYSTEM
	PRESSURE SENSOR

SCALE VERIFIED BY: YMS

numberTEN
architectural group

winnipeg MB	regina SK	victoria BC
204 942.0981	306 721.1501	250 360.2106

architecture ■ interior design ■ graphic design

PEGUIS PAVILION
UPGRADES & ENTRY ADDITION
BIDDING #913-2011

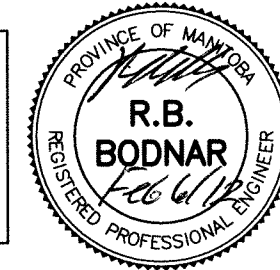
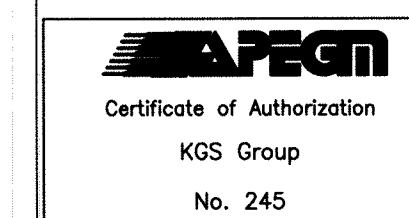
project

MAIN FLOOR PLAN
HVAC - NEW

sheet title

KGS GROUP | CONSULTING ENGINEERS

consultant



drawn by: VJH
checked by: RBB

scale: AS NOTED
date: February 3, 2012

project no. 2011026

sheet no. M8.0