

Contractor must check and verify all dimensions and be responsible for same, reporting any discrepancies to the Engineer before commencing work.  
Prints shall not be used for construction until signed "Approved For Construction" by the Engineer.  
Prints are not to be scaled.  
All drawings, prints and specifications are the property of the Engineer and shall be returned to him on completion of the work.  
All work shall be performed in accordance with the latest edition of the ONTARIO BUILDING CODE, NATIONAL BUILDING CODE and local authority regulations.  
These notes are to be read in conjunction with all drawings and specifications.

DESIG.	DESCRIPTION	SERVICE	MANUFACTURER	MODEL	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	COOLING (TON)	AIR (CFM)	ESP. (IN.)	ELECTRICAL			WEIGHT (LB.)	MIN. FRESH AIR	REMARKS
										MCA	HP	VOLTAGE			
(RTU-A1) – (RTU-A10)	ROOFTOP A/C UNIT	GROUND FLOOR RETAIL	CARRIER	48	125	100	4	1600	0.50		–	575/3/60	2200	240	VERTICAL DISCHARGE
(RTU-A11)	ROOFTOP A/C UNIT	GROUND FLOOR LOBBY	CARRIER	48	125	100	3.0	1200	0.50		–	575/3/60	2200	180	VERTICAL DISCHARGE

NOTES:  
1–PROVIDE FACTORY SUPPLIED ROOF CURB AND ALL REQUIRED MISCELLANEOUS SUPPORT, RTU TO BE INSTALLED LEVEL TO FLOOR BELOW.  
2–PROVIDE FACTORY INSTALLED 20A GFCI. ALL WIRING TO BE INSTALLED FROM INDEPENDENT 120V POWER SOURCE. OUTLET TO REMAIN OPERATIONAL WHEN POWER TO RTU'S IS SHUT OFF.  
3–PROVIDE 2" MERV & FILTERS. WEATHERPROOF DISCONNECT AND BAROMETRIC RELIEF DAMP.  
4–RTU'S SHALL BE CW ENTHALPY ECONOMIZER, DIGITAL PROGRAMMABLE THERMOSTAT.

ELECTRIC HEATER SCHEDULE							
DESIG.	TYPE	SERVICE	MANUFACTURER	MODEL	HEATING CAPACITY (KW)	ELECTRICAL DATA (V/PH/Hz)	REMARKS
FFH-1 & 2 3&4 & 5&6 & 7&8	SURFACE MOUNTED	GROUND FLOOR STAIRWELL	OUELLET	OAC03000	3.0	240-208V 1 PHASE	-REMOTE THERMOSTAT
UH-1	SUSPENDED HEATER	ELECTRICAL / METER RM	OUELLET	OAS10007AM	10.0	240-208V 1 PHASE	-REMOTE THERMOSTAT -CW 4 -1/2"ø THREADED RODS
UH-2	SUSPENDED HEATER	STORAGE RM	OUELLET	OAS10007AM	10.0	240-208V 1 PHASE	-REMOTE THERMOSTAT -CW 4 -1/2"ø THREADED RODS
UH-3	SUSPENDED HEATER	GARBAGE RM	OUELLET	OAS10007AM	10.0	240-208V 1 PHASE	-REMOTE THERMOSTAT -CW 4 -1/2"ø THREADED RODS

DUCTLESS SPLIT AIR CONDITIONING SYSTEM SCHEDULE										
INDOOR UNIT.						OUTDOOR UNIT.				
DESIG.	TYPE	LOCATION	TOTAL COOLING	AIR FLOW CFM	BASIS OF DESIGN MODELING	DESIG.	ELECTRICAL DATA	LOW AMBIENET COOLING	BASIS OF DESIGN MODELING	REMARKS
AC-1	WALL MOUNTED DUCTLESS	SECOND FLOOR CORRIDOR	24,000	579	DAIKIN FTRN24NMVJU	CU-1	208-230/1/60	N	DAIKIN RKN24NMVJU	1-CONDENSING UNIT TO BE MOUNTED ON ROOF USING "ECOFOT" ROOF TOP SUPPORTS (833-ECO-FOOT) 2-PROVIDE WALL MOUNTED DIGITAL THERMOSTATS CW TAMPER ROOF COVER 3-PROVIDE WATERPROOF DISCONNECT SWITCH AT CONDENSER

DESIG.	LOCATION	BASIS OF DESIGN	MODEL #	AIR FLOW CFM	EXT. S.P (IN W.G)	MOTOR HP	ELECTRICAL DATA	SOUND (SONES)	RPM	REMARKS
EF-1 TO EF-21	RESIDENTIAL BATHROOMS	REVERSOMATIC	QCF-125	101	0.25	1/90	120/1/60 (0.7A)	2.0	1050	-6"Ø EXH. OUTLET THRU THE ROOF TO GOOSNECK
EF-2.1	ELECTRICAL METER ROOM	GREENHECK	SQ-100	786	0.25	VG- 1/4 B-1/6		6.1	1140	-EXHAUST THRU THE WALL CW B.D.D & SCREN
EF-2.2	JANITOR ROOM	REVERSOMATIC	QCF-125	101	0.25	1/90	120/1/60 (0.7A)	2.0	1050	-EXHAUST THRU THE WALL CW B.D.D & SCREN
EF-2.3	GARBAGE ROON	GREENHECK	SQ-90	400	0.25	JG- 1/25 VG- 1/6		5.5	1300	-INTERLOCKED WITH O/A MOTORIZED DAMPER
EF-24	DRYER BOOSTER FAN (RES)	REVERSOMATIC	TLD200	157	0.20		120/1/60 (0.7A)			-FOR ALL RESIDENTIAL UNITS TYP.

1--EF-1 TO EF-20 TO BE WIRED TO LIGHT SWITCH  
 2--EF-2.1 WALL MOUNTED SWITCH  
 3--EF-2.1 WIRED TO LIGHT SWITCH  
 4--EF-2.3 WALL MOUNTED SWITCH  
 5--EF-2.4 DRYER STARTER CONTROL BOX.

DESIG.	SERVICE	BASIS OF DESIGN	MODEL	AIR (CFM)	ESP. (IN.)	ELECTRICAL	MOTOR	MCA	MOP	WEIGHT (LB.)	REMARKS
HRV-1	STORAGE BASEMENT	LIFEBREATH	455DD	400	0.20	120V/1/60 3 AMPS	1/6 HP	4.8W	15W	150	

NOTES:  
1-RUN INDIRECT DRAIN AND TERMINATE OVER JANITOR SINK WITH AIR BREAK  
2-BASIC WALL CONTROL BC02  
3-WASHABLE FLTER

DOMSTIC WATER STORAGE TANK										
DESIG.	SERVICE	LOCATION	MANUFACTURER	MODEL	GAS INPUT (BTU)	VOLUME (GAL'S)	DIAMETER	HEIGHT	WEIGHT (LB'S)	REMARKS
HWT-1 TO HWT-15	DOMESTIC HOT WATER (GAS)	CLOSET	JOHN WOOD	PV60N-42	42000	60	24"	67 1/4"	216	THE UNIT CAN BE VENTED THRU THE WALL OR VERTICALLY VENTED THRU THE ROOF
HWT-16	JANITOR ROOM ELECTRIC	JANITOR ROOM BASEMENT	CSW	SS02SE15		2.5 (U.S.G)	10 3/8"	14 1/2"	17	4"ø VENT ULS LISTED # S636 INSIDE THE PLENUM

<p>MINI MAKE UP AIR UNIT (THERMOLEC) TO SERVE THE RESIDENTIAL CORRIDOR SECOND FLOOR , THERMOLEC MODEL # FER-10 SET THERMOSTAT AT 22° C (72° F) CEILING MOUNTED IN CORRIDOR CONTRACTOR TO PROVIDE ACCESS DOOR FOR SERVICING CW CURRENT SENSOR CONTROLLER (TYP OF 2)</p>	<p><b>RESIDENTIAL FURNACES</b>          GAS FURNACE MODEL # GMEC9603030ANA          HIGH-FIRE RATE INPUT : 30,000 BTUH          HIGH-FIRE RATE OUTPUT : 28,800 BTUH          LOW-FIRE RATE INPUT : 21,000 BTUH          LOW-FIRE RATE OUTPUT : 20,160 BTUH            600 CFM @ 0.50" ESP. 1.5 TON COOLING CAPACITY          O/W (1) 16"x25"(SIDE) FILTER, CONCENTRIC VENT          MODEL # CVENT-2 THROUGH THE WALL/ROOF</p>
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DIFFUSER AND GRILLE SCHEDULE (NAILOR INDUSTRIES)						
DESIG.	DESCRIPTION	CEILING MODULE	LOCATION	MODEL	DAMPER	REMARKS
A	SUPPLY DIFFUSER	24"x24"	CEILING MOUNTED	RNS	O.B.D	—FINISH TO BE SELECTED BY THE ARCHITECT
B	SUPPLY GRILL	SEE PLANS	CEILING MOUNTED	49—243	O.B.D	—FINISH TO BE SELECTED BY THE ARCHITECT
C	RETURN GRILL	SEE PLANS	WALL MOUNTED	5155H	NO	—MOUNTED AT LOW LEVEL —FINISH TO BE SELECTED BY THE ARCHITECT
D	STATIONARY LOUVER	SEE PLANS	EXTERIOR WALL MOUNTED	1604D	NO	—EXTRUDED ALUMINUM STATIONARY LOUVER, 4" DEEP. DRAINABLE BLADE. —FINISH TO BE SELECTED BY THE ARCHITECT —CW S.S. INSECT SCREEN
E	EXHAUST GRILL	SEE PLANS	CEILING MOUNTED	61EC	NO	

DATE	ISSUE	OR	REVISION
1 DEC 14-020	ISSUED FOR CLIENT REVIEW		

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SUITE 222  
MARKHAM, ON L3R-9Y4  
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PH. 416-882-4188

PROJECT:

PROPOSED  
DEVELOPMENT  
PARKHILL & CHANDLER  
RETAIL CENTER  
PETERBOROUGH ON.

SCALE 1=125

DRAWING TITLE :

BUILDING B

SCHEDULE

DRAWN BY : H.N PROJECT No. <b>020-134</b> ARCH.PROJ.No.	CHECKED BY: H.I DRAWING No. <b>M3-B</b>
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