

INDOOR AIR HANDLER UNIT SCHEDULE		FAN SECTION		DX COOLING COIL DATA		HEATING SECTION		ELECTRICAL SECTION		ELECTRICAL SECTION		ELECTRICAL SECTION		ELECTRICAL SECTION	
TAG	SERVICE	MODEL	LOCATION	ESP (IN)	TOTAL CAP (TONS)	TYPE	PHASE	WEIGHT (LBS)	HEIGHT	WEIGHT (LBS)	HEIGHT	WEIGHT (LBS)	HEIGHT	WEIGHT (LBS)	HEIGHT
AHU-1	PERIMETER OFFICE	GRX2M-900-230-6-01	2055	287 (130)	0.5"	HEAT PUMP	ELECTRIC SUPPLEMENTAL HEAT	208	15'	208	15'	208	15'	208	15'
AHU-2	INTERIOR OFFICE	GRX2M-900-230-6-01	2055	390 (190)	0.5"	HEAT PUMP	ELECTRIC SUPPLEMENTAL HEAT	208	15'	208	15'	208	15'	208	15'

NOTES

1. TO BE SUPPLIED WITH STANDARD 7" THERMALLY FILTERS
2. SUPPLY WITH 7-DAT PROGRAMMABLE THERMOSTAT
3. SUPPLY WITH CONDENSATE PUMP, LITTLE ORANT VALV-15 OR EQUAL
4. PROVIDE SILE RETURN STAND KIT #K312
5. PROVIDE SUPPLEMENTAL ELECTRIC HEAT KIT #E292H-H29-9169
6. SPECIFY TRV-FINWZ EXPANSION VALVE FOR COIL FOR PROPER OPERATION

EXHAUST FAN SCHEDULE		AIR FLOW		ELECTRICAL DATA		MISCELLANEOUS SECTION	
TAG	SERVICE	WFR	MODEL	EXT. SP (IN. WG)	PHASE	WEIGHT (LBS)	HEIGHT
EF-1	MECHANICAL & OFFICE KITCHEN, JANITOR'S CLOSET & ALL BATHROOMS	FCM/BERRY	01X10	650	DIRECT	115	15'

NOTES

1. WEATHERPROOF DISCONNECT SWITCH
2. ROOF CURB MANUFACTURED BY COBS PLUS, INC
3. CURB TO HAVE SYPHANE CHANNELS FOR CONNECTION TO STEEL ROOF PARAPETS
4. CURBS WITH SYPHANE DROGGER CHANNELS FINISHED BY MECHANICAL CONTRACTOR AND TO BE INSTALLED BY OTHERS
5. BUSHPOFT DAMPERS

PROPPELLER FAN SCHEDULE		AIR FLOW		ELECTRICAL DATA		MISCELLANEOUS SECTION	
TAG	SERVICE	WFR	MODEL	SPED (L/AM) (CFM)	PHASE	WEIGHT (LBS)	HEIGHT
PF-1, 2, 3	WORKSHOP	WHITE CARLO	2022/600V/7982	42/69/154 (RESERVED)	DIRECT	400	18.30

NOTES

1. PROVIDE REMOTE CONTROL AND RECEIVER KIT FOR EACH
2. WHITE FINISH

AIR COOLED CONDENSING UNIT SCHEDULE		COOLING SECTION		HEAT PUMP		ELECTRICAL SECTION		MISCELLANEOUS SECTION	
TAG	LOCATION	WFR	MODEL	SEER	WEIGHT (LBS)	HEIGHT	WEIGHT (LBS)	HEIGHT	WEIGHT (LBS)
CU-1	ON SHED	AHU-1	PT9-490-230-2	14.4	400	11.60	11.60	18.30	1.2
CU-2	ON SHED	AHU-2	PT9-490-230-2	14.4	400	11.60	11.60	18.30	1.2

NOTES

1. PROVIDE LOW AMBIENT KIT, THERMAL EXPANSION VALVE AND ACCUMULATOR WITH ALL UNITS
2. PROVIDE WITH ANTI-SHIFT COIL THERM, DISCONNECT SWITCH AND RUBBER ISOLATORS

GAS-FIRED UNIT HEATER SCHEDULE		AIR FLOW		ELECTRICAL DATA		MISCELLANEOUS SECTION	
TAG	SERVICE	WFR	MODEL	HP	WEIGHT (LBS)	HEIGHT	WEIGHT (LBS)
GH-1, 2	WORK SHOP	F-115	1620	1/31	115	1	123.45

NOTES

1. ELECTRONIC IGNITION
2. 4-POINT SUSPENSION KIT
3. SINGLE STAGE COMBINATION GAS VALVE
4. PROVIDE FROSTING COMBINATION KIT
5. SPECIFY ENCLOSED MOTOR

ELECTRIC HEATER SCHEDULE		ELECTRICAL DATA		MISCELLANEOUS SECTION	
TAG	SERVICE	WFR	MODEL	HP	WEIGHT (LBS)
EH-1, 2	OFFICE BATHROOMS	QMARK	QH110S	0.5	120

NOTES

1. INTERIUM T514T
2. INSTALL 24" X 4" J.F.F. TO COMPLY WITH MAX CLEAR FLOOR SPACE REQUIREMENTS

DIFFUSER SCHEDULE		TYPE		OVERALL DIMENSIONS		BASIS OF DESIGN	
DESIGNATION	ORIFICE RANGE	TYPE	NECK SIZE	OVERALL DIMENSIONS	DESIGN	NOTES	NOTES
OP-A	0-112	SUPPLY	6" DIAMETER	24" X 24"	T105 PAR-AA		
OP-B	157-419	SUPPLY	8" DIAMETER	24" X 24"	T105 PAR-AA		
UD-A	0-132	SUPPLY	6" DIAMETER	36" X 24"	T105 CR-580		
OP-B	0-260	RETURN	8" DIAMETER	12" X 12"	T105 PAR-AA		
OP-C	0-400	RETURN	24" X 24"	24" X 24"	T105 PAR-AA		

NOTES

1. COMPARTMENT DIFFUSER MOUNTING TYPE WITH CEILING TYPE
2. COMPARTMENT DIFFUSER WITH OWNER OR OWNER'S REPRESENTATIVE

NO.	BY	DESCRIPTION	DATE
-	-	Issued For Permit & Construction	6/03/09
-	-	Issued For Client Review	3/24/09

New Shop & Office Building for Shupper-Brickle Equipment Co.  
 11 Burnt Tavern Road  
 Millstone Township, NJ 08535  
 Block: 57  
 Lot: 14.01

BRIAN D. TANNENHAUS  
 NJ PROFESSIONAL ENGINEER  
 NO. CE 45901  
 DATE: June 3, 2009

BD engineering  
 NJ CERTIFICATE OF AUTHORIZATION - 240A28116100  
 BD Engineering, LLC  
 1825 Swarthmore Ave. Lakewood, NJ 08701  
 Project No. 080056

DRAWN BY: EM  
 CHECKED BY: KF  
 SCALE: NONE

HVAC SCHEDULE SHEET  
 DRAWING NO. H3.1