

DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
	RECTANGULAR DUCT DIMENSIONS (12 IN INCHES) FIRST DIMENSION IS PLAN VIEWED (WIDTH), SECOND DIMENSION IS HEIGHT.
	ROUND DUCT DIMENSION (IN INCHES)
	SUPPLY DUCT UP/ ROOF PENETRATION
	EXHAUST OR RETURN DUCT UP/ ROOF PENETRATION
	ROUND DUCT UP/ ROOF PENETRATION
	SUPPLY DUCT DOWN, OR AWAY FROM VIEWER
	EXHAUST OR RETURN DUCT DOWN
	ROUND DUCT DOWN, OR AWAY FROM VIEWER
	LINED DUCT - DIMENSION GIVEN IS INSIDE CLEAR
	DUCT DROP IN DIRECTION OF AIR FLOW
	DUCT RISE IN DIRECTION OF AIR FLOW
	RECTANGULAR ELBOW
	RECTANGULAR ELBOW WITH TURNING VANES
	MITERED TEE DUCT JUNCTION WITH TURNING VANES
	DUCT TRANSITION (CONCENTRIC)
	DUCT TRANSITION (ECCENTRIC)
	BRANCH DUCT (NO SPLITTER W/ 45° FLARE)
	FLEXIBLE DUCT
	DUCT CAP
	CEILING DIFFUSER, SUPPLY GRILLE
	EXHAUST OR RETURN GRILLE OR REGISTER

ANNOTATION/MISC. SYMBOLS

SYMBOL	DESCRIPTION
	KEYED NOTE
	SMOKE DAMPER
	VOLUME DAMPER
	FIRE DAMPER
	MOTORIZED DAMPER
	SMOKE DETECTOR
	THERMOSTAT/ZONE CONTROLLER
	AIR FLOW (SUPPLY)
	AIR FLOW (RETURN OR EXHAUST)
	DOOR UNDERCUT
	DOOR LOUVER
	CO2 SENSOR

EQUIPMENT DESIGNATION

SYMBOL	DEFINITION
SF-1	SUPPLY FAN
EF-1	EXHAUST FAN
HP-1	HEAT PUMP
RTU-1	ROOF TOP UNIT
SS-1	SPLIT SYSTEM
CU-1	CONDENSING UNIT
SD-1 CFM	SUPPLY DIFFUSER
RR-1 CFM	RETURN AIR REGISTER
ER-1 CFM	EXHAUST REGISTER

ABBREVIATIONS

ABBREV.	DEFINITION
AFF	ABOVE FINISHED FLOOR
AI	ANALOG INPUT
AO	ANALOG OUTPUT
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT/HOUR
CC	CABINET CONVECTOR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COND	CONDENSATE
DB	DRY BULB
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET BULB
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
*F	DEGREES FAHRENHEIT
FC	FAN COIL OR FAN CLOSE
FLR	FLOOR
FPM	FEET PER MINUTE
FT	FOOT OR FEET
GPM	GALLONS PER MINUTE
HZ	FREQUENCY (HERTZ)
IN	INCH(ES)
IN.WG.	INCHES OF WATER GAUGE
KW	KILOWATT
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LB	POUND WEIGHT
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBH	1000BTUH
MFR	MANUFACTURER
MIN	MINIMUM
MUA	MAKE-UP AIR
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NUMBER
OA	OUTSIDE AIR
PD	PRESSURE DROP/DIFFERENTIAL
QTY	QUANTITY
RA	RETURN AIR
REG	REGISTER
REQD	REQUIRED
RR	RETURN REGISTER
SA	SUPPLY AIR/SOUND ATTENUATOR
SR	SUPPLY REGISTER
S/S	STAINLESS STEEL
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
U	UNDERCUT
V	VOLTS
VEL	VELOCITY
W	WIDTH/WATT
WB	WET BULB
WC	WATER COLUMN
WG	WATER GAUGE
WMS	WIRE MESH SCREEN
WPD	WATER PRESSURE DROP
XFER	TRANSFER



1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
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OWNER REVIEW
NAME _____ Date _____

NO.	DATE	DESCRIPTION
5/30/08	ISSUE FOR BID	
ISSUE LOG		
= CLOUDED CHANGE		

Banknorth
1410 Congress Street
Portland, ME 04102

LEGEND

SCALE	NTS
DRAWN BY	YL
CHECK BY	
PROJ ARCH/ENGR.	JR/YL
PROJ MRG	PJB
JOB NO.	07133.01

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