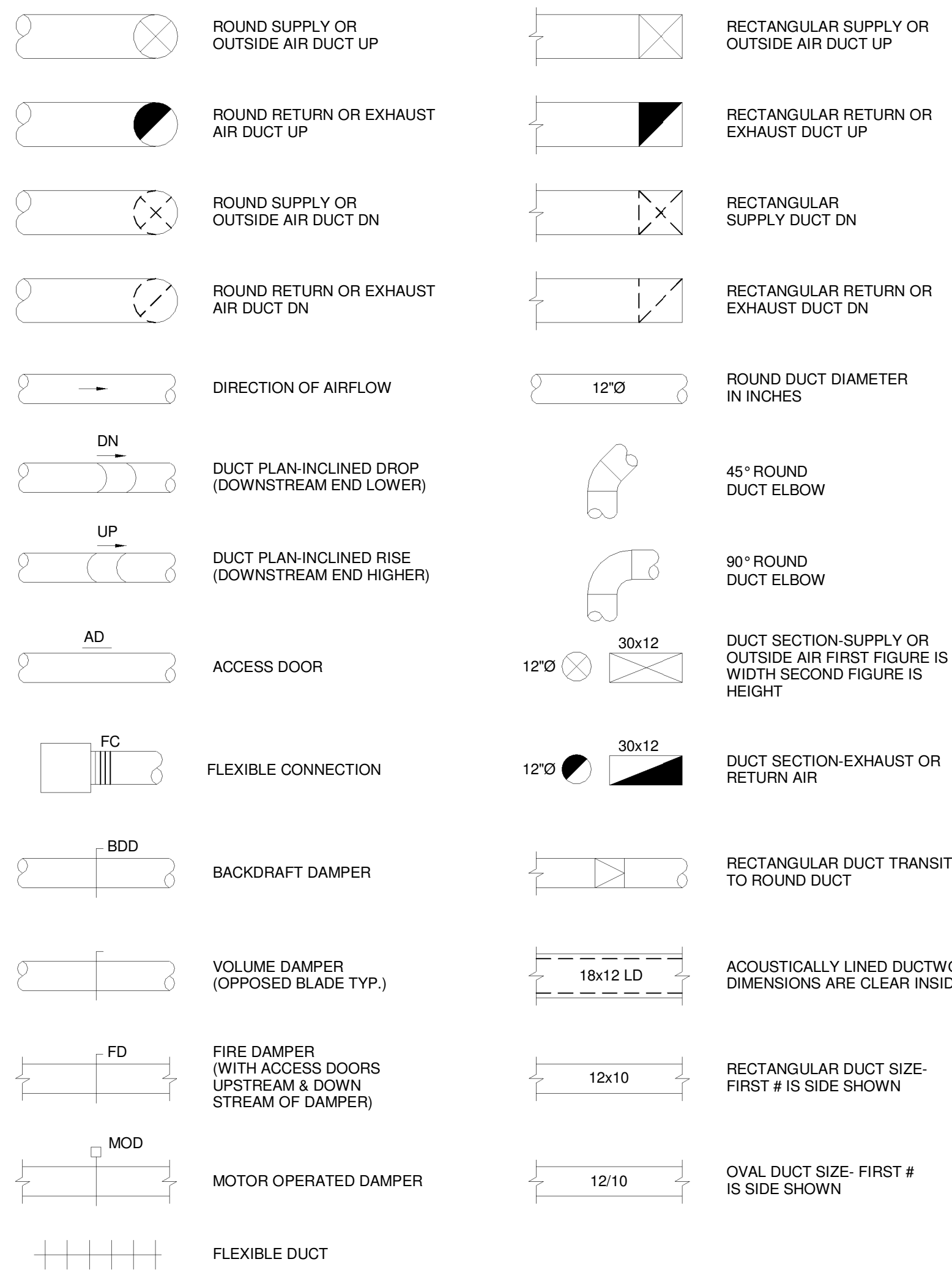
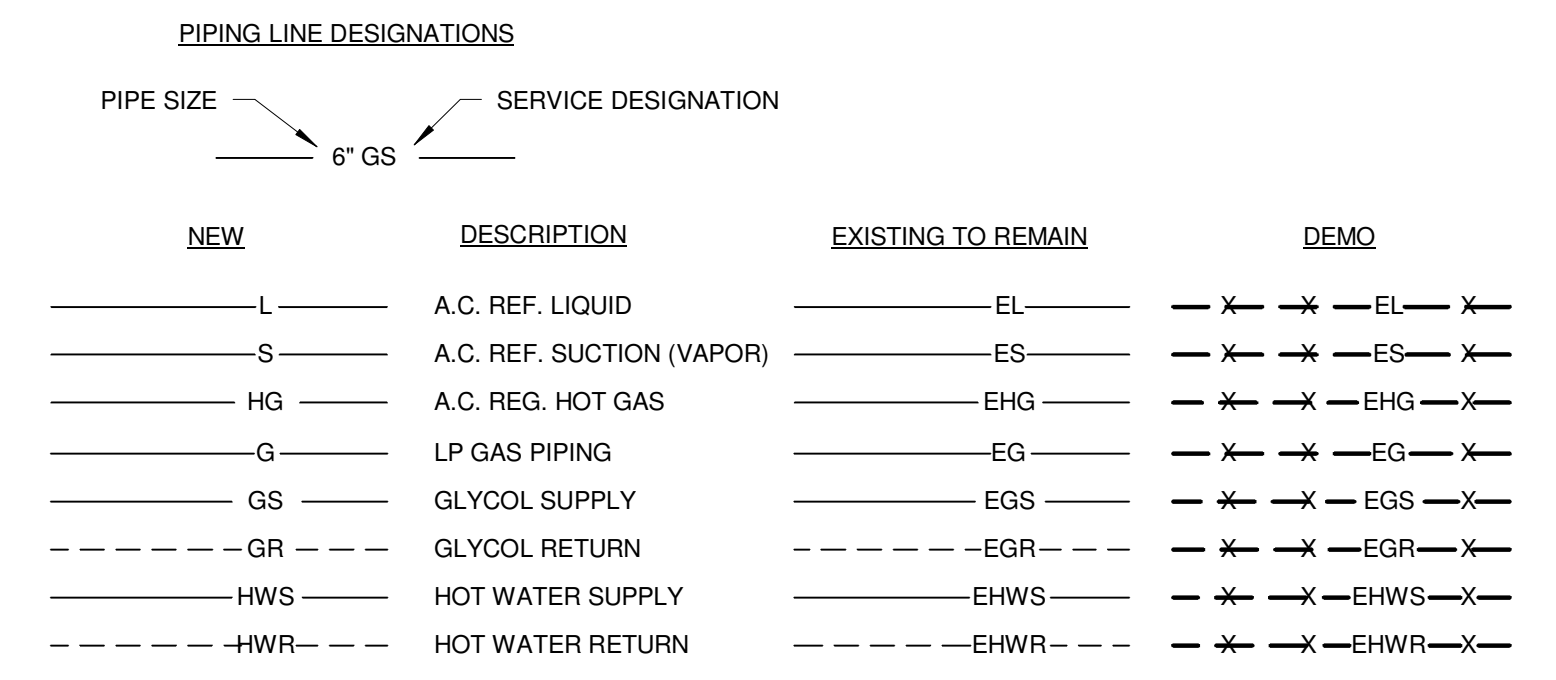


## DUCTWORK STANDARDS



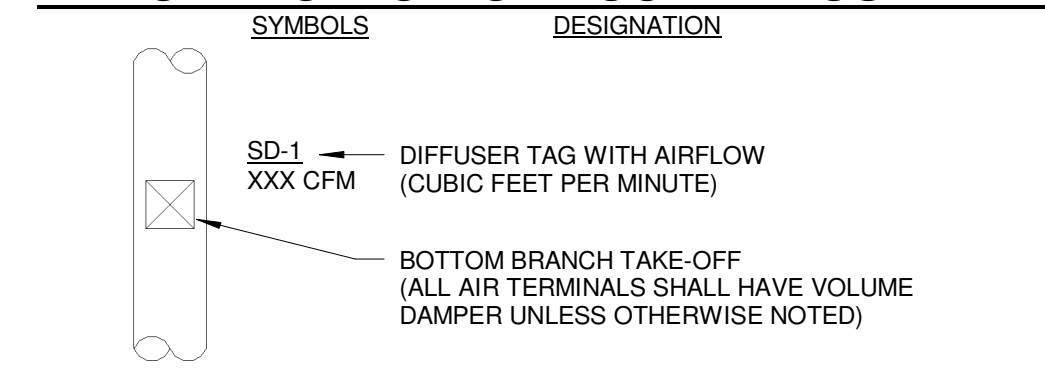
## PIPING SERVICE LEGEND



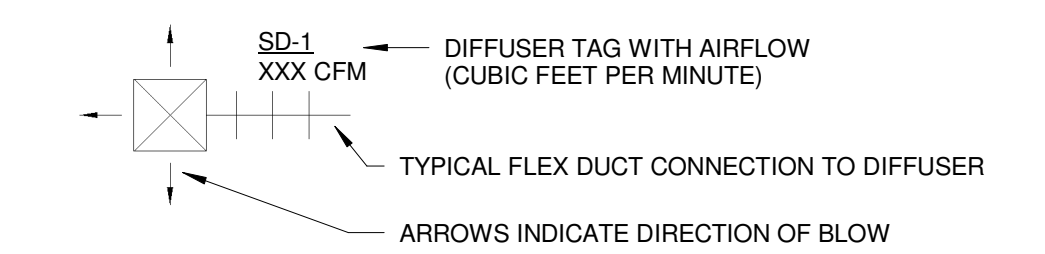
## GRILLE, REGISTERS, DIFFUSERS & AIRFLOW

ABBREV.	DESIGNATION	ABBREV.	DESIGNATION
EG	EXHAUST GRILLE	EA	EXHAUST AIR
RD	RETURN DIFFUSER	OA	OUTDOOR AIR
RG	RETURN GRILLE	RA	RETURN AIR
RR	RETURN REGISTER	RLA	RELIEF AIR
SD	SUPPLY DIFFUSER	SA	SUPPLY AIR
LSD	LINEAR SUPPLY DIFFUSER		
SG	SUPPLY GRILLE		
TD	TRANSFER DIFFUSER		
TG	TRANSFER GRILLE		
TR	TRANSFER REGISTER		

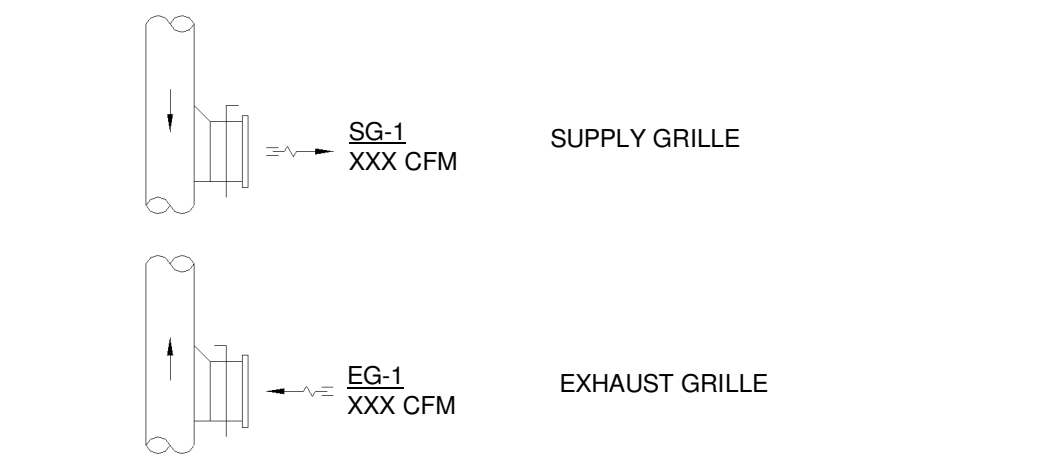
## TYPICAL BOTTOM OF DUCT DIFFUSER DROP



## TYPICAL CEILING DIFFUSER

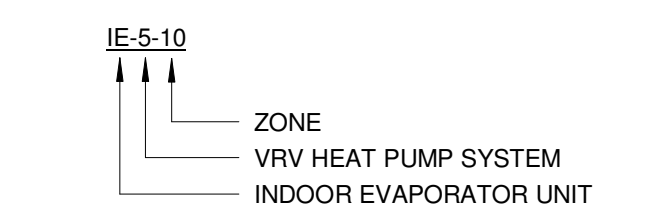


## TYPICAL REGISTER/GRILLE

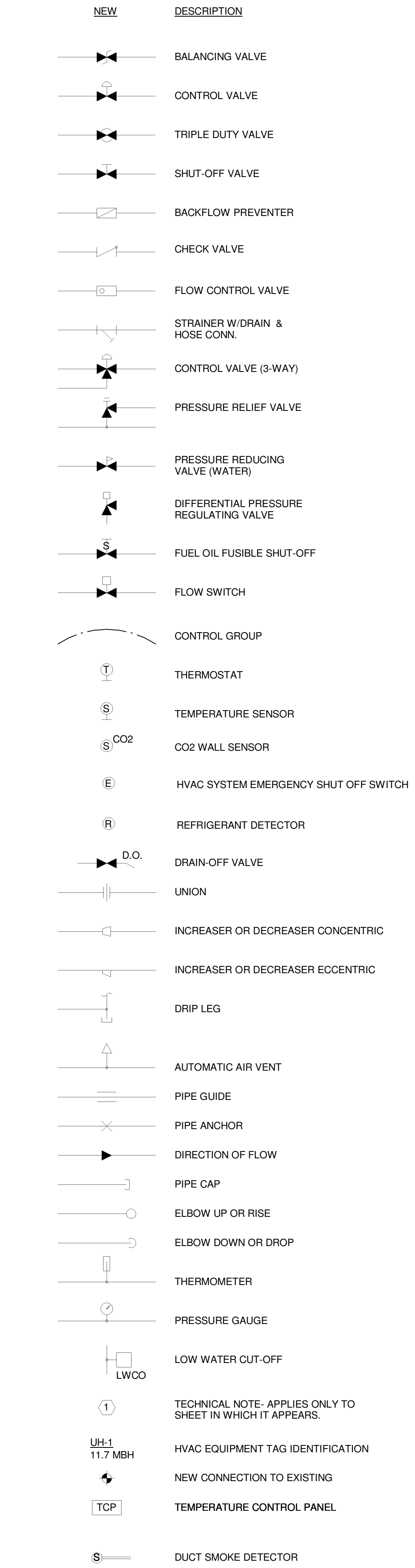


## EQUIPMENT TAG LEGEND

TAG	DESIGNATION
BS-1	BRANCH SELECTOR BOX DESIGNATION
CF-1	CIRCULATION FAN DESIGNATION
CRAC-1	COMPUTER ROOM AIR CONDITIONING UNIT DESIGNATION
CU-1	AIR COOLED CONDENSING UNIT DESIGNATION
DC-1	DRY COOLER DESIGNATION
DS-1	DUCT SILENCER DESIGNATION
ERU-1	ENERGY RECOVERY UNIT DESIGNATION
EF-1	EXHAUST FAN DESIGNATION
FC-1	FLUID COOLER DESIGNATION
GH-1	GAS HEATER DESIGNATION
HC-1	HEATING COIL DESIGNATION
HP-1	HEAT PUMP DESIGNATION
L-1	LOUVER DESIGNATION
MAU-1	MAKEUP AIR UNIT DESIGNATION
P-1	PUMP DESIGNATION
RF-1	RETURN FAN DESIGNATION
RTU-1	ROOFTOP UNIT DESIGNATION
SF-1	SUPPLY FAN DESIGNATION
UH-1	UNIT HEATER DESIGNATION
UV-1	UNIT VENTILATOR DESIGNATION
VH-1	VENTILATION HOOD DESIGNATION



## HEATING AND VENTING SYMBOLS



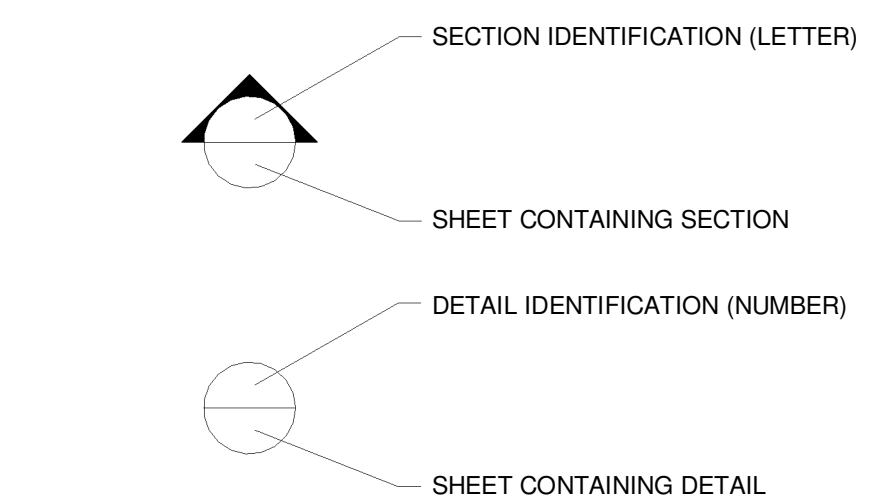
## MISCELLANEOUS ABBREVIATIONS

ABBREV.	DESIGNATION
A	ANCHOR
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
APD	AIR PRESSURE DROP
AWT	AVERAGE WATER TEMPERATURE
BD	BAROMETRIC DAMPER
BDD	BACKDRAFT DAMPER
BOS	BOTTOM OF STEEL
BTU	BRITISH THERMAL UNITS
BV	BRICK VENT
CD	COOLING CONDENSATE DRAINAGE
CFM	CUBIC FEET PER MINUTE
D	DRAIN
DB	DRY BULB
EAT	ENTERING AIR TEMP.
ECC	ECCENTRIC
EL	ELEVATION
EWT	ENTERING WATER TEMPERATURE
FA	FRESH AIR
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HVAC	HEATING, VENTILATING & AIR CONDITIONING HERTZ
HZ	LEAVING AIR TEMP.
LAT	LINEAL FEET
LRA	LOCKED ROTOR AMPS
LWCO	LOW WATER CUT-OFF
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
MD	MANUAL DAMPER
MIN	MINIMUM
MOD	MOTOR OPERATED DAMPER
MV	MANUAL VENT
N.C.	NORMALLY CLOSED
PD	PRESSURE DROP
RIC	RUN IN COVER
RPM	REVOLUTIONS PER MINUTE
SP	STATIC PRESSURE
TOS	TOP OF STEEL
TV	TURNING VANES
TYP.	TYPICAL
V	VENT
VD	VOLUME DAMPER
W	WITH
WB	WET BULB

## GENERAL NOTES

- ALL NEW SPACE THERMOSTATS SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR (AFF).
- EQUIPMENT, DUCTWORK AND PIPING LOCATIONS SHOWN ARE APPROXIMATE EXCEPT WHERE DIMENSIONED. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR TO AVOID INTERFERENCES.
- FLEXIBLE CONNECTIONS SHALL BE PROVIDED BETWEEN MOTORIZED UNITS AND DUCTWORK CONNECTIONS.
- PROVIDE ACCESS DOORS IN EQUIPMENT AND DUCTWORK FOR ACCESS TO DAMPERS, MOTORS, FILTERS, FANS AND ON BOTH SIDES OF HEATING COILS.
- PIPING SHALL BE RUN AS DIRECT AS POSSIBLE, PARALLEL TO & FORMING RIGHT ANGLES TO THE LINES OF THE BUILDING, SUPPORTED FROM THE STRUCTURE, FREE FROM POCKETS & SAGS & PITCHED TO LOW POINT DRAINS.
- LOCATE ALL VALVES FOR EASY ACCESS & OPERATION. DO NOT LOCATE VALVES W/STEMS BELOW HORIZONTAL.
- ALL EXTERIOR WALL PENETRATIONS SHALL BE SEALED WEATHERTIGHT.
- ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
- DUCTWORK SHALL BE COORDINATED TO PREVENT ANY INTERFERENCES W/ PLUMBING, PIPING, ELECTRICAL, STRUCTURAL, FIRE PROTECTION, ARCHITECTURAL AND OTHER WORK.
- ALL DUCT SIZES SHOWN ARE CLEAR INTERNAL DIMENSIONS.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING DUCT SIZES, PIPE SIZES, LOUVERS, ETC. INCLUDING LOCATIONS & ARRANGEMENTS OF SAME. COORDINATE NEW WORK WITH EXISTING CONDITIONS.

## SECTION & DETAIL MARKERS



0	ISSUED FOR BID	06 JUNE 2016
REV.	DESCRIPTION	DATE
<b>WBRC</b> ARCHITECTS ENGINEERS WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-828-4511 SARASOTA, FLORIDA 941-556-0757		
<b>ASYLUM</b>		
PROJECT:		
<b>MECHANICAL LEGEND</b>		
SHEET TITLE:		
WBRC CAD FILE: 407110 - ASYLUM DANCE CLUB - MECH.LRVT		
PROJECT No.	4071.10	GRAPHIC SCALE: 0" = 1"
SCALE:	AS NOTED	
PROJECT MANAGER:	JRB	SHEET No.
DRAWN BY:	CGB	<b>M-001</b>
CHECKED BY:	DMON	