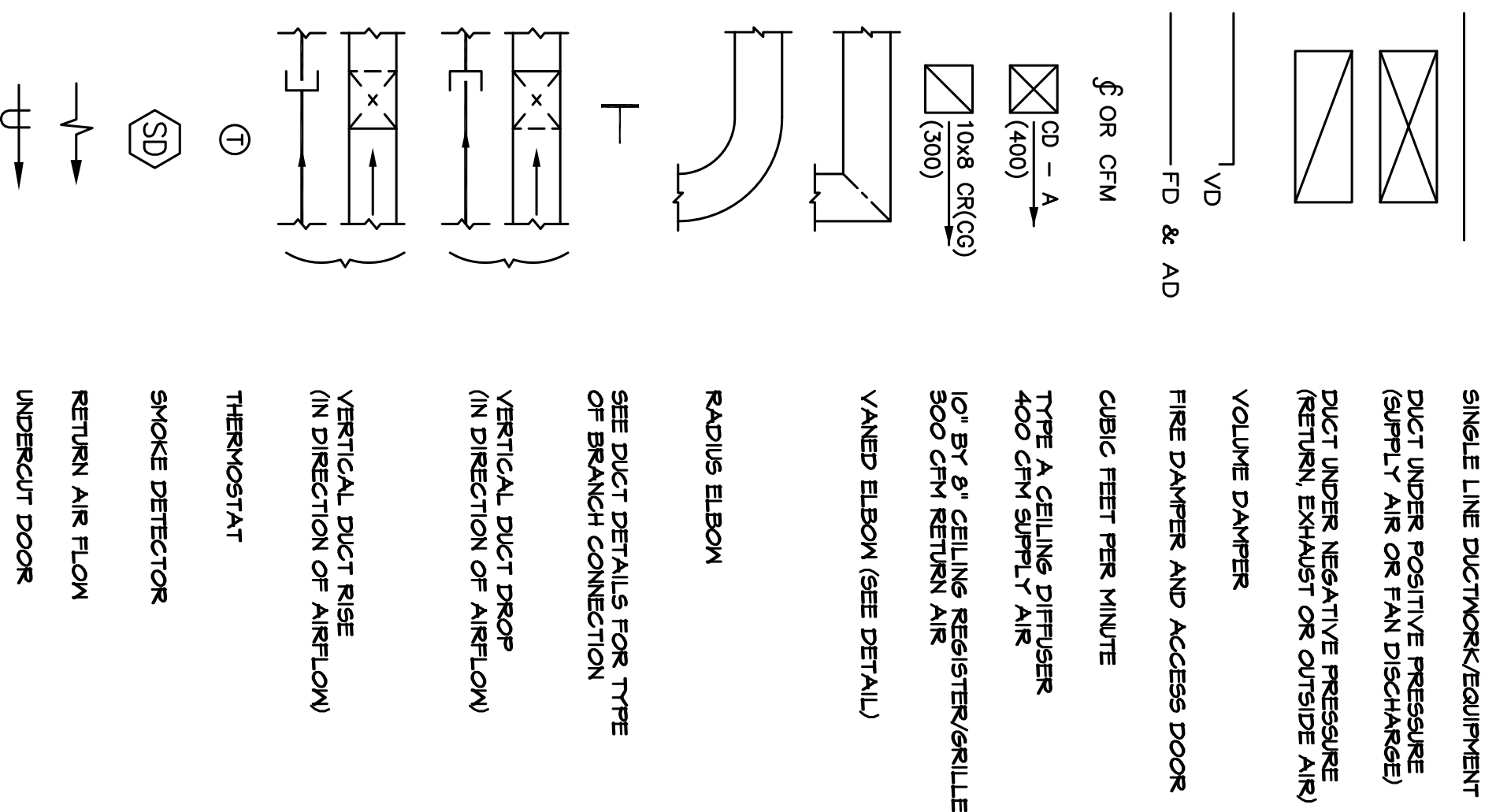


# HVAC SYMBOLS



A	AMPERES
AC	AIR CONDITIONING
AD	ACCESS DOOR
AL	ALUMINUM
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
C6	CEILING GRILLE
EF	EXHAUST FAN
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FLA	FULL LOAD AMPERES
HD	HEAD
HR	HOOR
HZ	FREQUENCY
NBH	THOUSAND BTU PER HOUR
MHP	MOTOR HORSEPOWER
NIC	NOT IN CONTRACT
OA	OUTSIDE AIR
PD	PRESSURE DROP
RA	RETURN AIR
RLA	RUNNING LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SX	SMOKE EXHAUST
TYP	TYPICAL
TX	TOILET EXHAUST
V	VOLTS
W	WITH
W/O	WITHOUT
WMS	WIRE MESH SCREEN

# NOTES

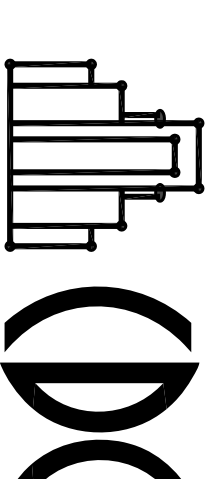
- ALL WORK SHALL COMPLY WITH APPLICABLE SECTIONS OF THE LATEST LOCAL AND STATE CODE HAVING JURISDICTION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY AND ALL DISCREPANCIES BEFORE PROCEEDING WITH ANY PORTION OF THE WORK. FAILURE TO NOTIFY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR FROM THE OBLIGATION TO CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL OBTAIN PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK AND PAY FEES IN CONNECTION THEREWITH. THE CONTRACTOR SHALL VERIFY DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
- DUCT SIZES SHOWN ON DRAWINGS ARE INSIDE DIMENSIONS.
- ALL WORK AND MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR.
- PROTECT ALL EXISTING SURFACES, UTILITIES, MECHANICAL SYSTEMS, REPAIR DAMAGES SUSTAINED BY SAME DURING THE COURSE OF THIS CONTRACTORS WORK AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HVAC WORK WITH WORK OF OTHER TRADES.
- REFER TO SPECIFICATIONS FOR DUCT PRESSURE CONSTRUCTION REQUIREMENTS.
- ALL TOILET EXHAUST DUCTS TO BE CONSTRUCTED TO 3 IN W6.
- CONNECTIONS OF EXISTING DUCTS TO NEW DUCTS SHALL BE DUCT WASTE.
- CONTRACTOR SHALL FINISH AND INSTALL ACCESS DOORS (GASKETED) IN DUCTWORK FOR THE FOLLOWING DEVICES:  
AUTOMATIC FIRE/SMOKE DAMPERS (ACCESSIBLE SIDE)  
FIRE DAMPERS (ACCESSIBLE SIDE)
- PROVIDE ALL THE ACTUATORS AND WIRING FOR FIRE/SMOKE DAMPERS.
- TRANSITIONS SHALL BE MADE SO THAT BOTTOMS OF DUCTS ARE HOLD CONSTANT, WHERE POSSIBLE.
- PROVIDE SLEEVES ON ALL PIPES PENETRATING WALLS AND FLOORS PER SPECIFICATIONS AND DETAILS.
- THERMOSTATS AND LOCAL INDICATING PANELS LOCATIONS ARE APPROXIMATE AND SHALL BE COORDINATED TO SUIT FIELD CONDITIONS.
- ALL SUPPORTS FOR MECHANICAL EQUIPMENT ARE BASED ON PRELIMINARY INFORMATION FROM ONE SPECIFIED MANUFACTURER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING SIZES FROM CERTIFIED DRAWINGS AND PROVIDING ALL THE NECESSARY FIELD CONDITIONS REQUIRED WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- EACH EQUIPMENT SHOWN IS BASED ON THE DESIGN OF ONE MANUFACTURER. IF AN ALTERNATE MANUFACTURER IS SELECTED, THE CONTRACTOR MUST COORDINATE ALL THE MODIFICATIONS REQUIRED TO ACCOMMODATE THE EQUIPMENT TO THE FIELD CONDITIONS. ME TO VERIFY AND APPROVE ALL EQUIPMENT SELECTIONS.
- ELECTRICAL POWER PROVISIONS FOR MECHANICAL EQUIPMENT ARE BASED ON PRELIMINARY INFORMATION FROM ONE SPECIFIED MANUFACTURER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING SIZES FROM CERTIFIED DRAWINGS FROM CERTIFIED DRAWINGS OF THE EQUIPMENT. THE CONTRACTOR SHALL MAKE ANY BRANCH CIRCUIT AND DISTRIBUTION MODIFICATIONS REQUIRED WITHOUT ANY ADDITIONAL COST TO THE OWNER. HE SHALL SUBMIT A SCHEDULE OF SUCH CHANGES FOR APPROVAL BY THE ENGINEER. ALL APPROVED CHANGES SHALL BE RECORDED ON AS BUILT DRAWINGS.
- SEAL ALL PENETRATIONS PROVIDE ESCUTCHEON PLATE ON EACH SIDE OF WALL.
- CONTRACTOR SHALL ADJUST LOCATIONS AND ELEVATION OF NEW WORK TO PREVENT INTERFERENCE WITH EXISTING CONDITIONS.
- ALL EXISTING EQUIPMENT AND MATERIALS BEING REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER/CM.

## ROOFTOP UNIT SCHEDULE

UNIT NO.	LOCATION	FAN DATA			ELECTRICAL DATA			DX COIL DATA			HEATING COIL (GAS)		VERIFICATION ISOLATION	REMARKS
		CFM	EXT. SP (IN. WG.)	VOLTS	PHASE	HZ	CAPACITY(TONS)	EDB	EWB	TONS	INPUT (MBH)	MIN. STATIC DEFLECT. (IN.)		
RTU-2	ROOF	800	0.5	208	3	60	24.0	60	67	2.0	40.0	1.0	SIMILAR TO CARRIER 48XL-424040-3 WALL REQUIRED ACCESSORIES AND MANUFACTURERS 14" ROOF CURB	

## DIFFUSER/GRILLE SCHEDULE

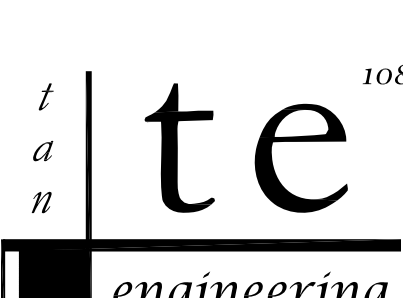
DESIGNATION	FUNCTION	RANGE	NECK SIZE (IN)/ NO. OF SLOTS	NOMINAL OVERALL DIMEN. HxL (IN)	REMARKS
CD-A	SUPPLY	0-75	8"	12x12	SIMILAR TO TTUS THIS PROPOSED BLADE DAMPER
CD-B	SUPPLY	76-150	10"	24x24	SIMILAR TO TTUS THIS PROPOSED BLADE DAMPER
CD-C	SUPPLY	151-300	12"	24x24	SIMILAR TO TTUS THIS PROPOSED BLADE DAMPER
CD-D	SUPPLY	301-300	14"	24x24	SIMILAR TO TTUS THIS PROPOSED BLADE DAMPER
CR-A	EXHAUST	ALL	AS SHOWN	AS SHOWN	SIMILAR TO TTUS 35B-HL



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SHEET 1 OF 4