

MECHANICAL SYMBOLS LEGEND

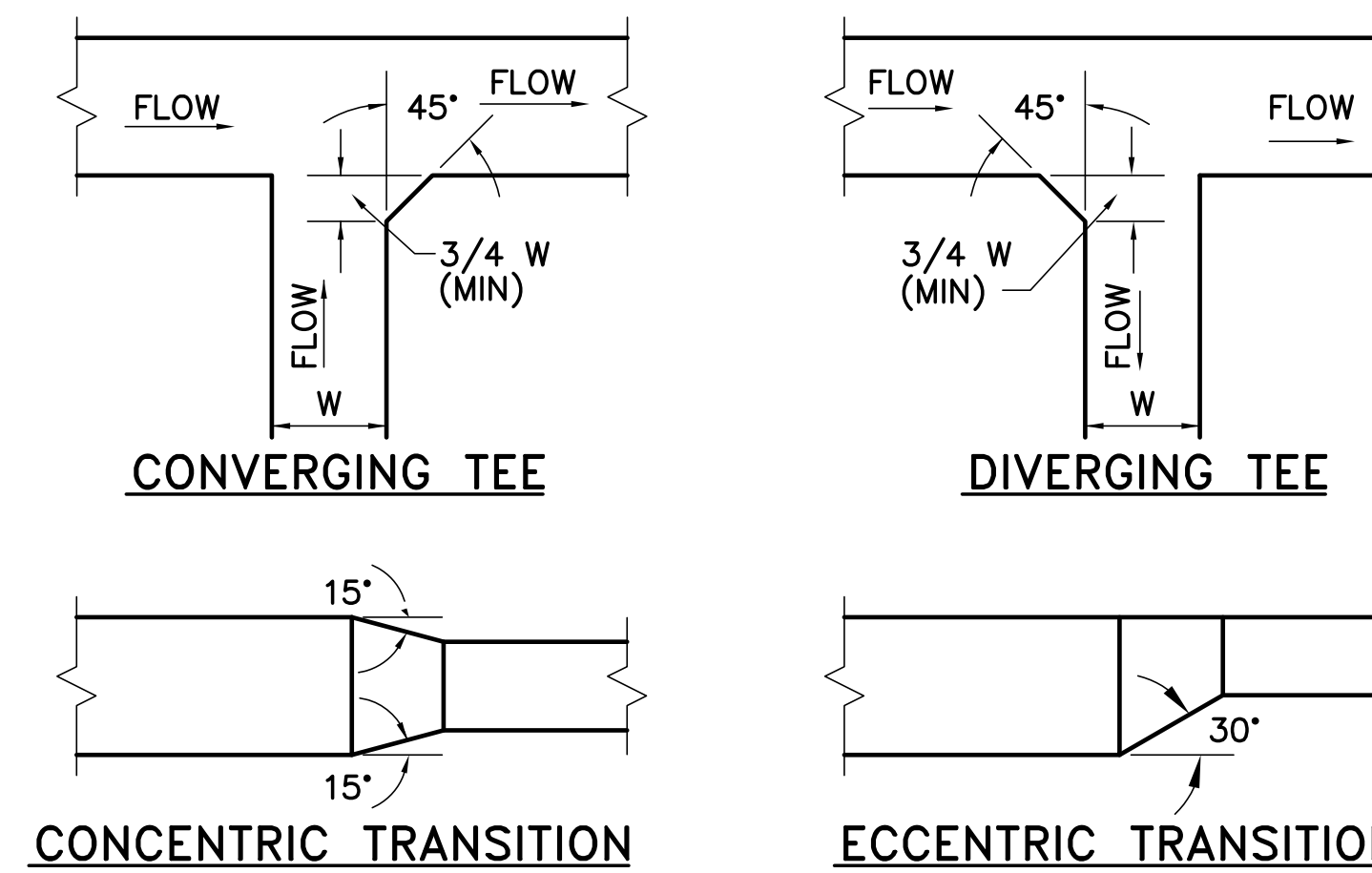
	SYMBOL PER ABBREVIATION LIST		SIDEWALL REGISTER/GRILLE
	EQUIPMENT SEQUENCE NUMBER		DUCT
	AIR INLET OR OUTLET WITH CFM		FLEXIBLE CONNECTION
	KEYNOTE		RETURN DUCT UP
	CONNECT TO EXISTING		EXHAUST DUCT UP
	RETURN GRILLE/REGISTER		SUPPLY DUCT UP
	SUPPLY DIFFUSER/REGISTER/GRILLE		SQUARE ELBOW WITH TURNING VANES
	EXHAUST GRILLE/REGISTER		FLEXIBLE DUCT
	DIRECTION OF AIR FLOW		
	MANUAL DAMPER		
	THERMOSTAT		

MECHANICAL ABBREVIATIONS

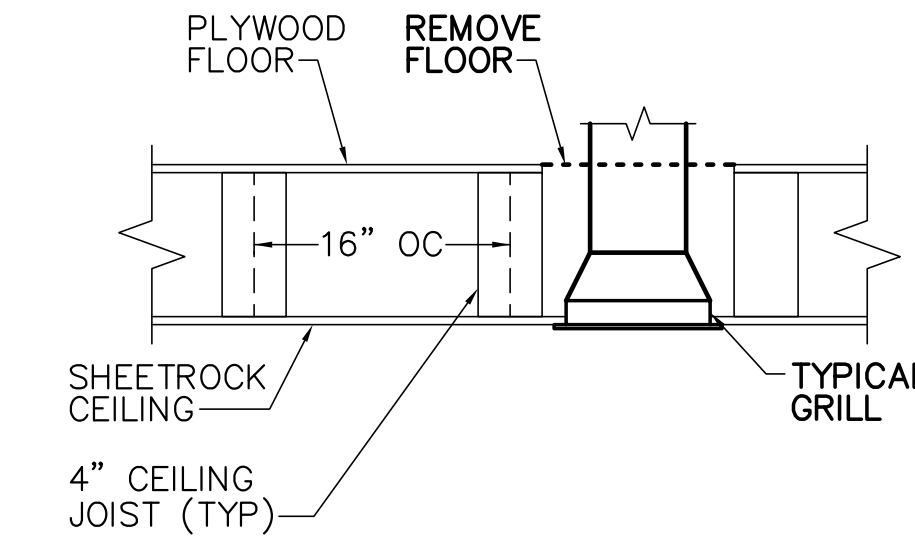
ADA	AMERICANS WITH DISABILITIES ACT	HR	HOUR
AHU	AIR HANDLING UNIT	HT	HEIGHT
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	HWR	HOT WATER RETURN
BHP	BRAKE HORSE POWER	HWS	HOT WATER SUPPLY
BLDG	BUILDING	IN	INCHES
BTU	BRITISH THERMAL UNIT	LF	LINEAR FEET
BTUH	BTU PER HOUR	LPC	LOW PRESSURE CONDENSATE
CFM	CUBIC FEET/MINUTE	LPS	LOW PRESSURE STEAM
CO	CLEANOUT, CARBON MONOXIDE	MAX	MAXIMUM
D	DEPTH, DAMPER	MBH	1000 BTU PER HOUR
DB	DRY BULB	MECH	MECHANICAL
dB	DECIBELS	MFR	MANUFACTURER
DDC	DIRECT DIGITAL CONTROLS	MIN	MINIMUM
,DEG	DEGREES	MTG	MOUNTING
Ø,DIA	DIAMETER	NO	NUMBER, NORMALLY OPEN
DN	DOWN	OC	ON CENTER
DWG	DRAWING	OED	OPEN ENDED DUCT
EA	EXHAUST AIR, EACH	P	PUMP, PITCH OR PRESSURE
EF	EXHAUST FAN	RM	ROOM
ESP	EXTERNAL STATIC PRESSURE	RPM	REVOLUTIONS PER MINUTE
E,EXIST	EXISTING	SIM	SIMILAR
F	DEGREES FAHRENHEIT	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION
FC	FLEX CONNECTOR, FAN COIL	SP	SPRINKLER HEAD
FLR	FLOOR	T	THERMOSTAT, TRANSFER
FR	FINTUBE RADIATION	TEMP	TEMPERATURE
FT	FOOT/FEET	TYP	TYPICAL
GPM	GALLONS PER MINUTE	V	VENT, VALVE, VOLTS
HTG	HEATING	W	WIDTH, WATTS
HGT	HEIGHT	WC	WATER COLUMN
HP	HORSEPOWER		

MECHANICAL LINE TYPE LEGEND

-----	REMOVE ITEMS	-----	LPS	-----	LOW PRESSURE STEAM
-----	EXIST ITEMS TO REMAIN	-----	LPC	-----	LOW PRESSURE CONDENSATE
-----	PROVIDE ITEMS	-----	HWS	-----	HOT WATER SUPPLY
-----	CONTROL WIRING	-----	HWR	-----	HOT WATER RETURN



1 RECTANGULAR DUCT TRANSITIONS DETAIL
M-001 NOT TO SCALE



2 TYPICAL GRILLE DIFFUSER DETAIL
M-001 NOT TO SCALE

FAN SCHEDULE													
UNIT NO	SERVES	CFM	ESP IN WC	DRIVE TYPE	FAN TYPE	FAN RPM	SONES	HP	BHP	VOLTS/PHASE	BASIS OF DESIGN	ACCESSORIES	NOTES
EF-1	BATHROOMS 139, 140, 141	565	0.20	DIRECT	CENTRIFUGAL ROOF	1725	9.3	1/2	0.07	115/1	GREENHECK G-085 VARI-GREEN	-	-

NOTES:
1.
ACCESSORIES:
A. SPRING LOADED BACKDRAFT DAMPER. D. SOUND ABSORBING INSULATION.
B. MFR FAN MOUNTED DISCONNECT SWITCH. E. NEOPRENE VIBRATION ISOLATORS.
C. FAN SPEED CONTROLLER. F. TIME DELAY SWITCH.

DIFFUSER / REGISTER SCHEDULE									
UNIT NO	SERVES	FACE SIZE IN	NECK SIZE IN	MAX PRESSURE DROP IN WC	MAX NOISE CRITERIA	CFM	TYPE	BASIS OF DESIGN	NOTES
S-1	141 TOILET	8x6	6ø	0.2	25	90	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1,2
S-2	144 STORAGE	14x10	14x10	0.2	25	300	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1,2
R-1	144 STORAGE	14x10	14x10	0.2	25	290	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1
E-1	141 TOILET	8x6	6ø	0.2	25	100	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1

NOTES: 1. PROVIDE WITH INTEGRAL OPPOSED-BLADE DAMPER. 2. SINGLE DEFLECTION, DIRECTION SHOWN ON DRAWING.



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MECHANICAL LEGENDS, ABBREVIATIONS, SCHEDULES AND DETAILS

SCALE: AS NOTED

DATE: 06-30-17

DWG.: M-001

SHEET: 6 OF 12