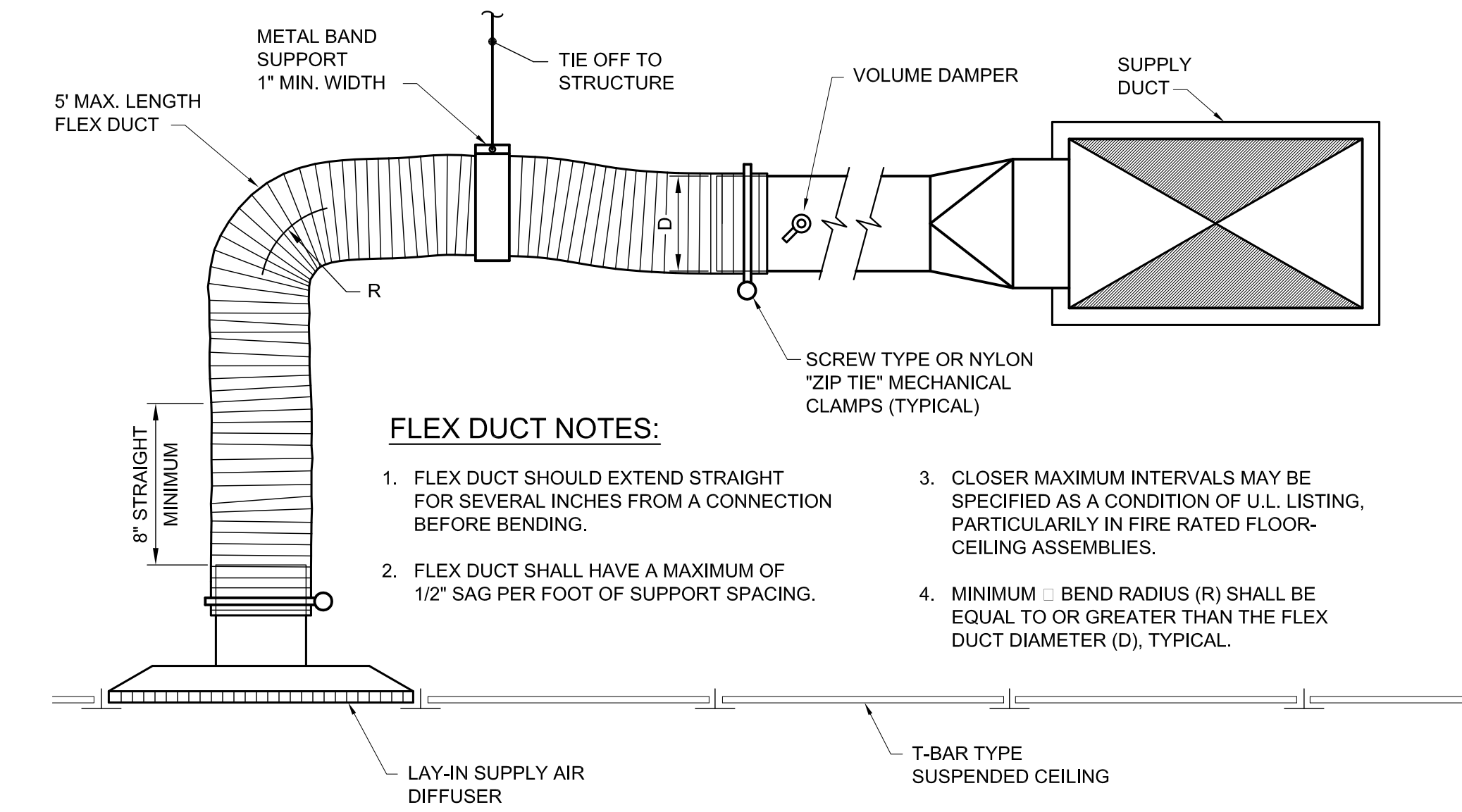


FAN SCHEDULE														LWA	WEIGHT (LBS.)	DAMPER	NOTES		
TAG	SERVES	MANUFACTURER-MODEL	TYPE	DRIVE	CFM	SP (IN. WC.)	MAX RPM	ELECTRICAL											
								BHP	MOTOR HP	MOTOR SPEED	VFD FURN. BY	STARTER FURN. BY	DISC SWITCH FURN. BY	VOLTS/PH					
EF-1	48" FUME HOOD	COOK CFS 70	UTILITY SET	BELT	485	0.5	2295	.26	.5	N/A	N/A	N/A	N/A	26	110/1/60	86.0	175	YES	1, 2, 3, 4, 5, 6
EF-2	PREP ROOM	COOK ACRUD 90R15DH	UPBLAST	DIRECT	220	0.5	1368	79 W	0.125	N/A	N/A	N/A	N/A	26	110/1/60	5.7 SONES	28	MOD	7

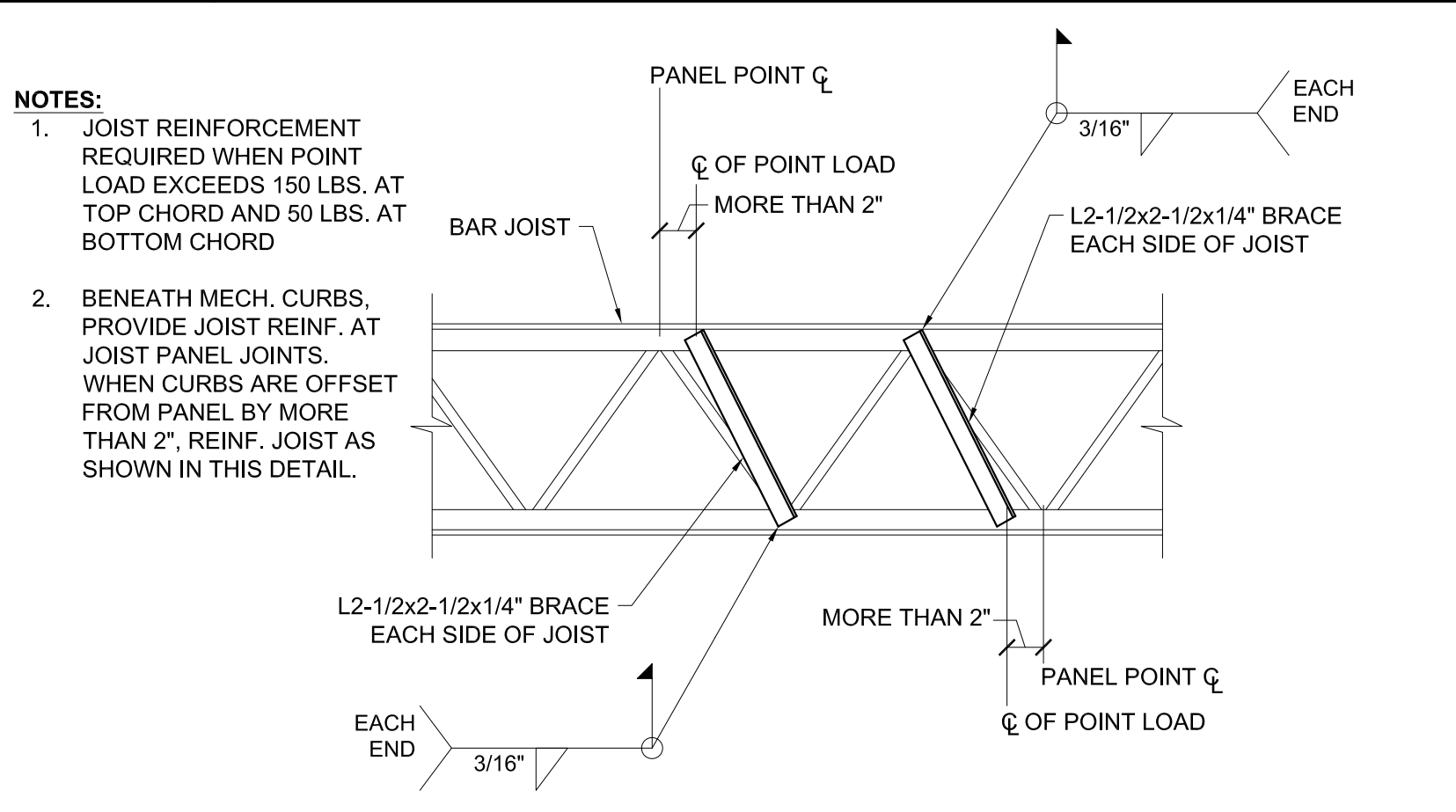
REGISTERS - GRILLES - DIFFUSERS (RGD) SCHEDULE										
TAG	PRICE MODEL	TYPE	NECK SIZE	FACE SIZE	CFM RANGE	MAX TOTAL P.D. (IN. W.C.)	MAX NC LEVEL	BORDER TYPE	BLOW	NOTES
S-1	SCD	SQ. CEILING SUPPLY DIFFUSER	6" DIA	24" X 24"	0-139	0.07"	16	LAY-IN	4-WAY, ADJUSTABLE	
S-2	SCD	SQ. CEILING SUPPLY DIFFUSER	8" DIA	24" X 24"	140-240	0.07"	19	LAY-IN	4-WAY, ADJUSTABLE	
S-3	SCD	SQ. CEILING SUPPLY DIFFUSER	10" DIA	24" X 24"	241-440	0.07"	22	LAY-IN	4-WAY, ADJUSTABLE	
R-1	630	ALUM. RETURN GRILLE, 3/4" SPACING, 35 DEG VANES	12" X 12"	12" X 12"	0-290	0.05"	27	SURFACE MT.		
R-3	630	ALUM. RETURN GRILLE, 3/4" SPACING, 35 DEG VANES	24" X 24"	24" X 24"	300-1000	0.05"	22	LAY-IN		

F1 MECHANICAL ~ SCHEDULES

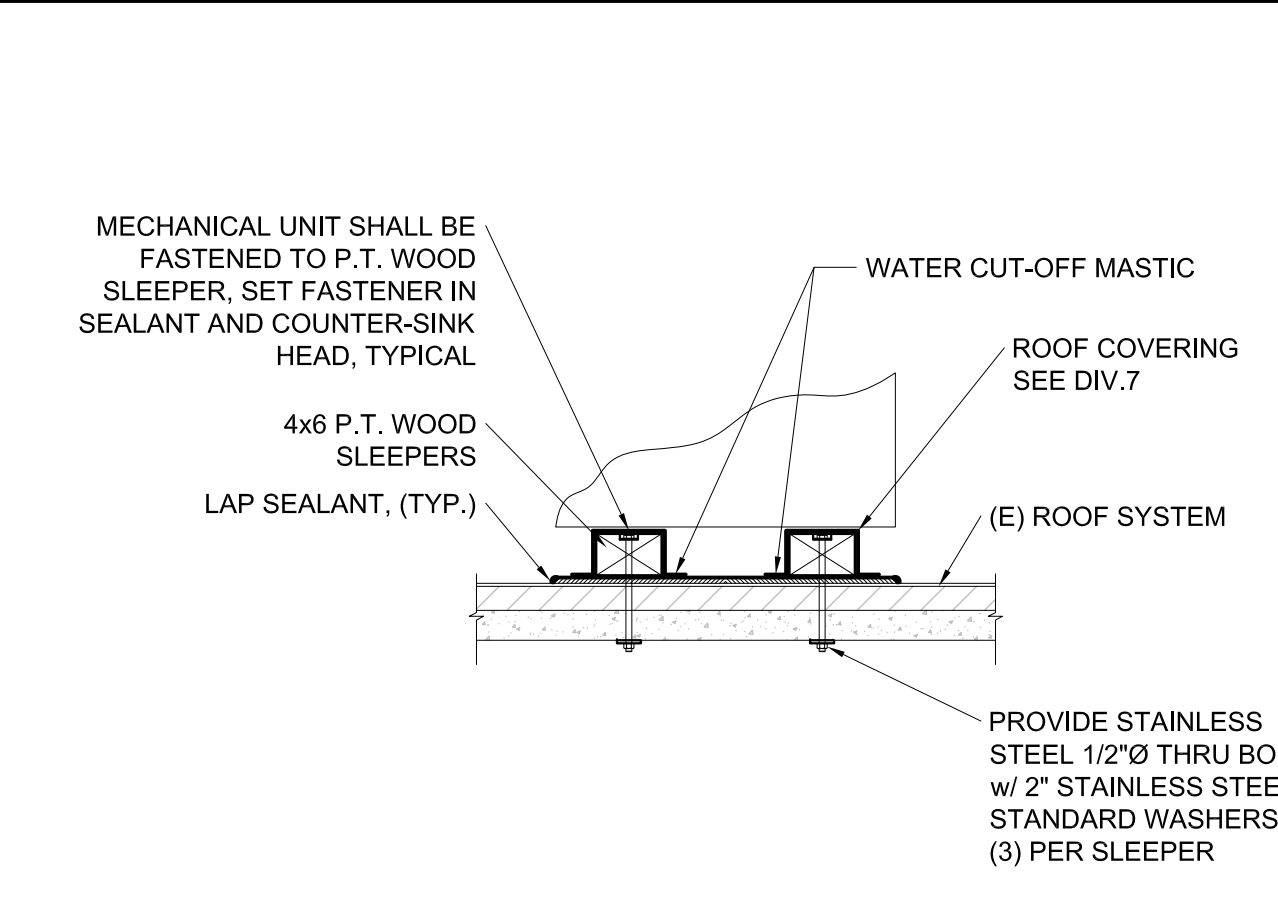


- FLEX DUCT NOTES:**
- FLEX DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.
 - FLEX DUCT SHALL HAVE A MAXIMUM OF 1/2" SAG PER FOOT OF SUPPORT SPACING.
 - CLOSER MAXIMUM INTERVALS MAY BE SPECIFIED AS A CONDITION OF U.L. LISTING, PARTICULARLY IN FIRE RATED FLOOR-CEILING ASSEMBLIES.
 - MINIMUM BEND RADIUS (R) SHALL BE EQUAL TO OR GREATER THAN THE FLEX DUCT DIAMETER (D), TYPICAL.

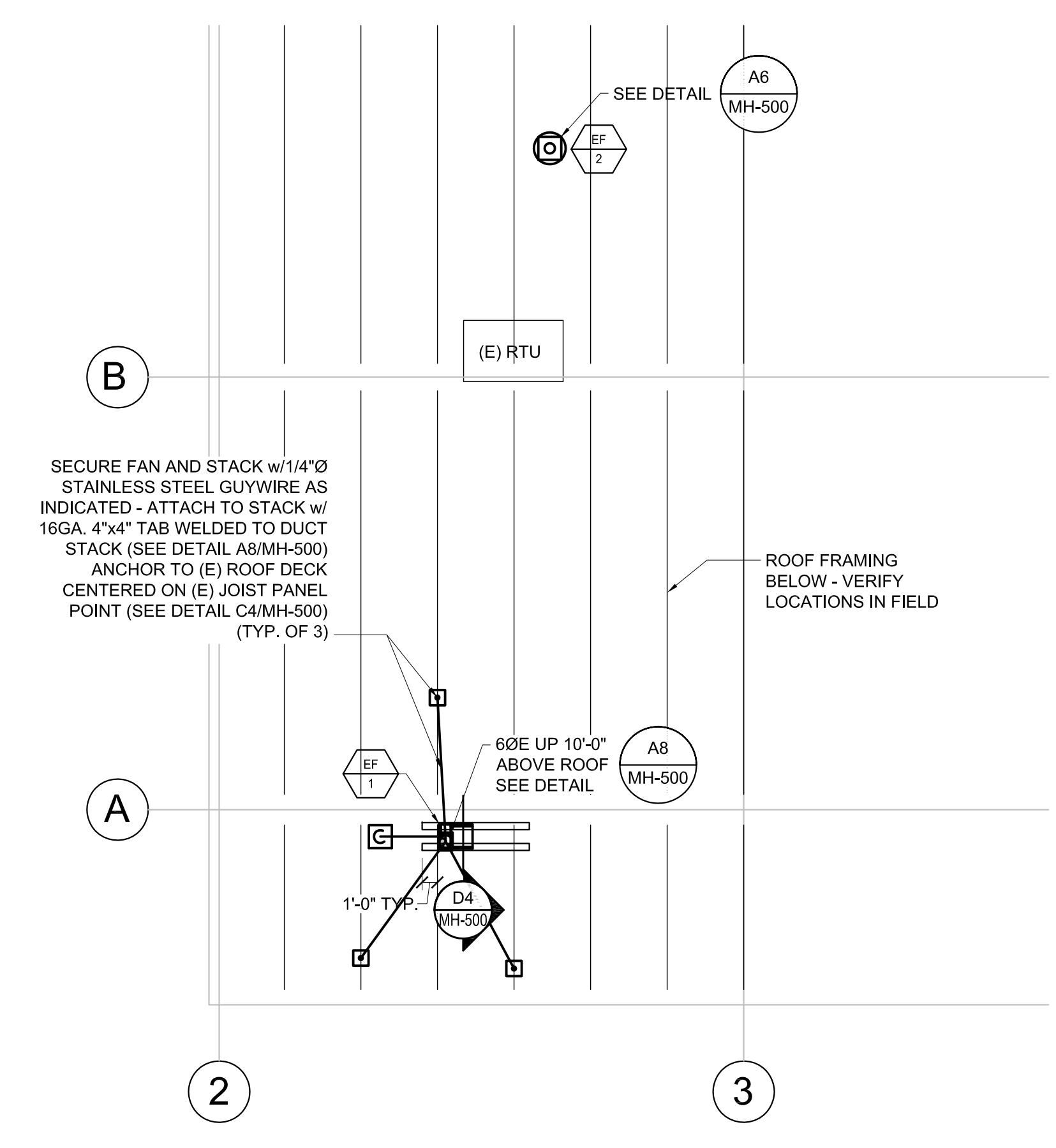
F1 DETAIL ~ SUPPLY DIFFUSER



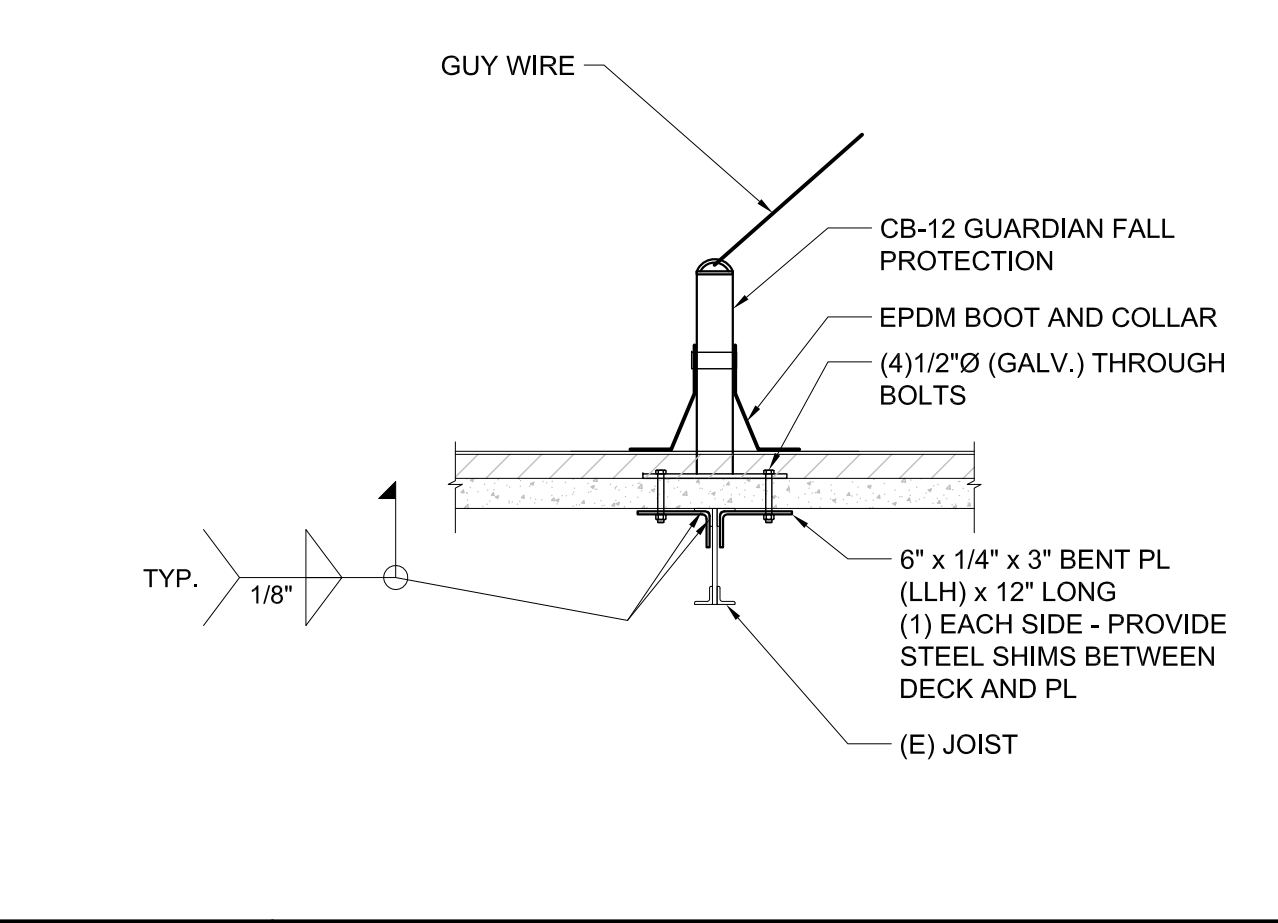
D1 TRUSS FIELD MODIFICATION FOR POINT LOAD > 200 #



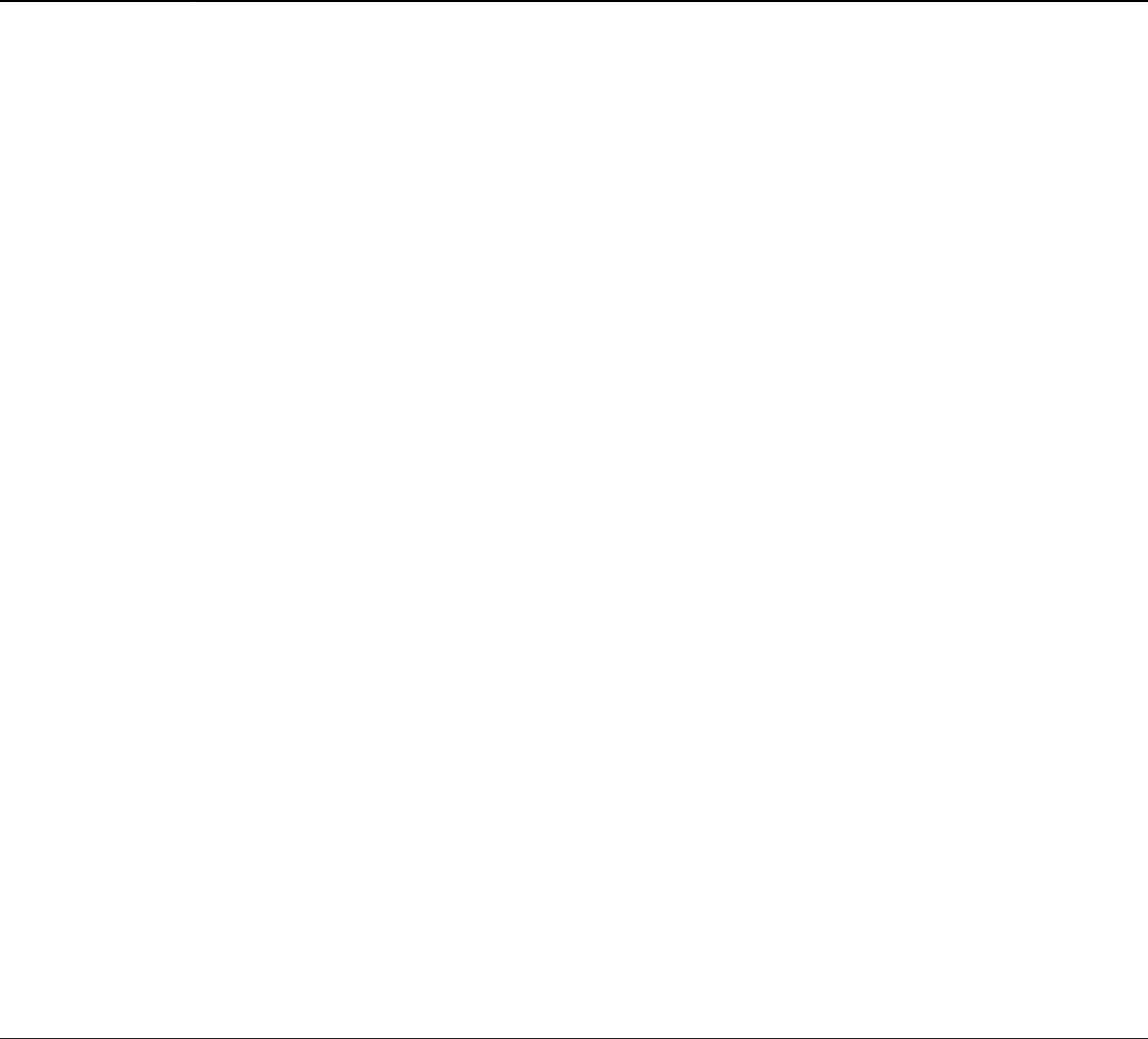
D4 TYPICAL SLEEPER DETAIL



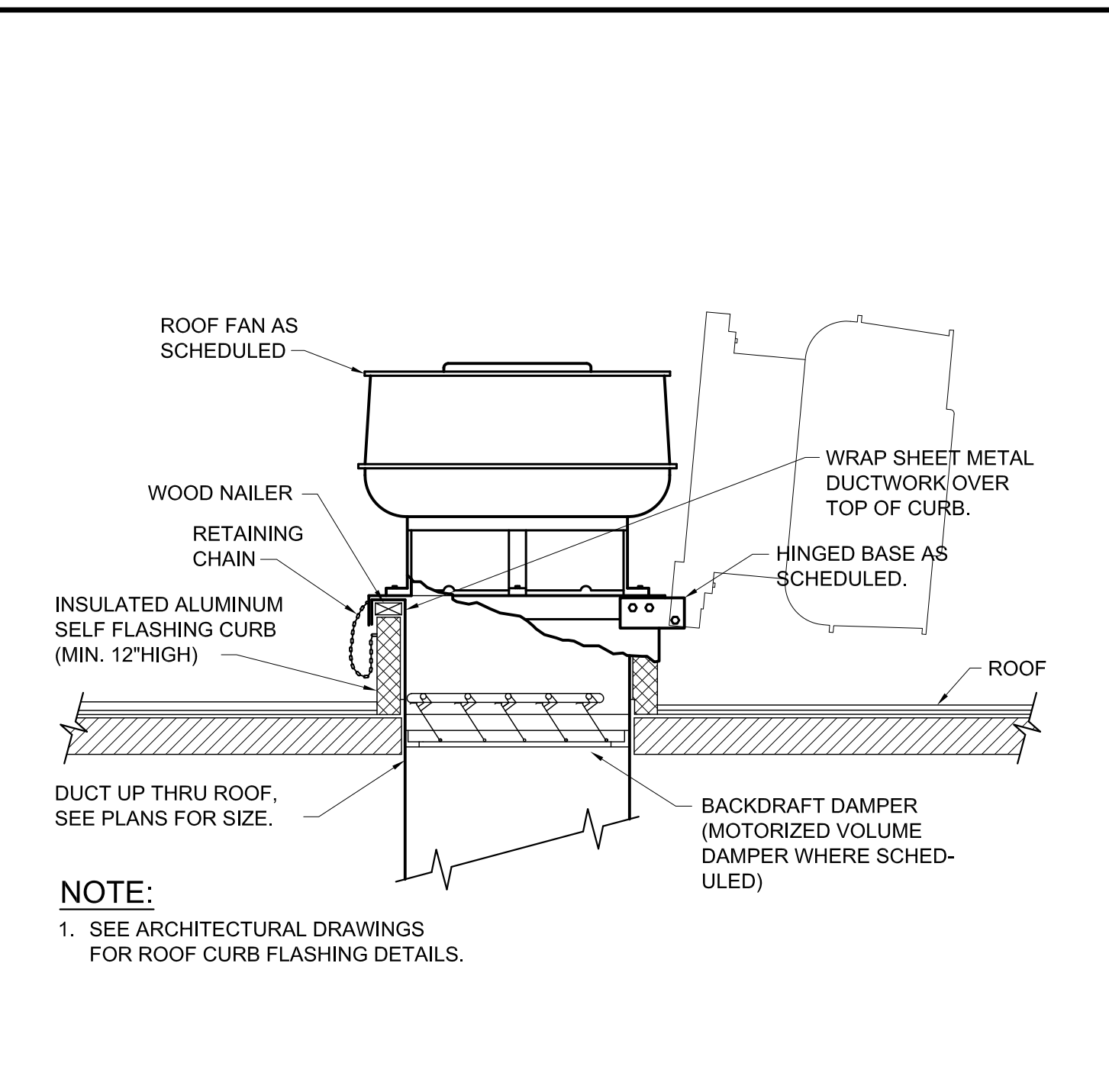
A1 MECHANICAL ROOF PART PLAN



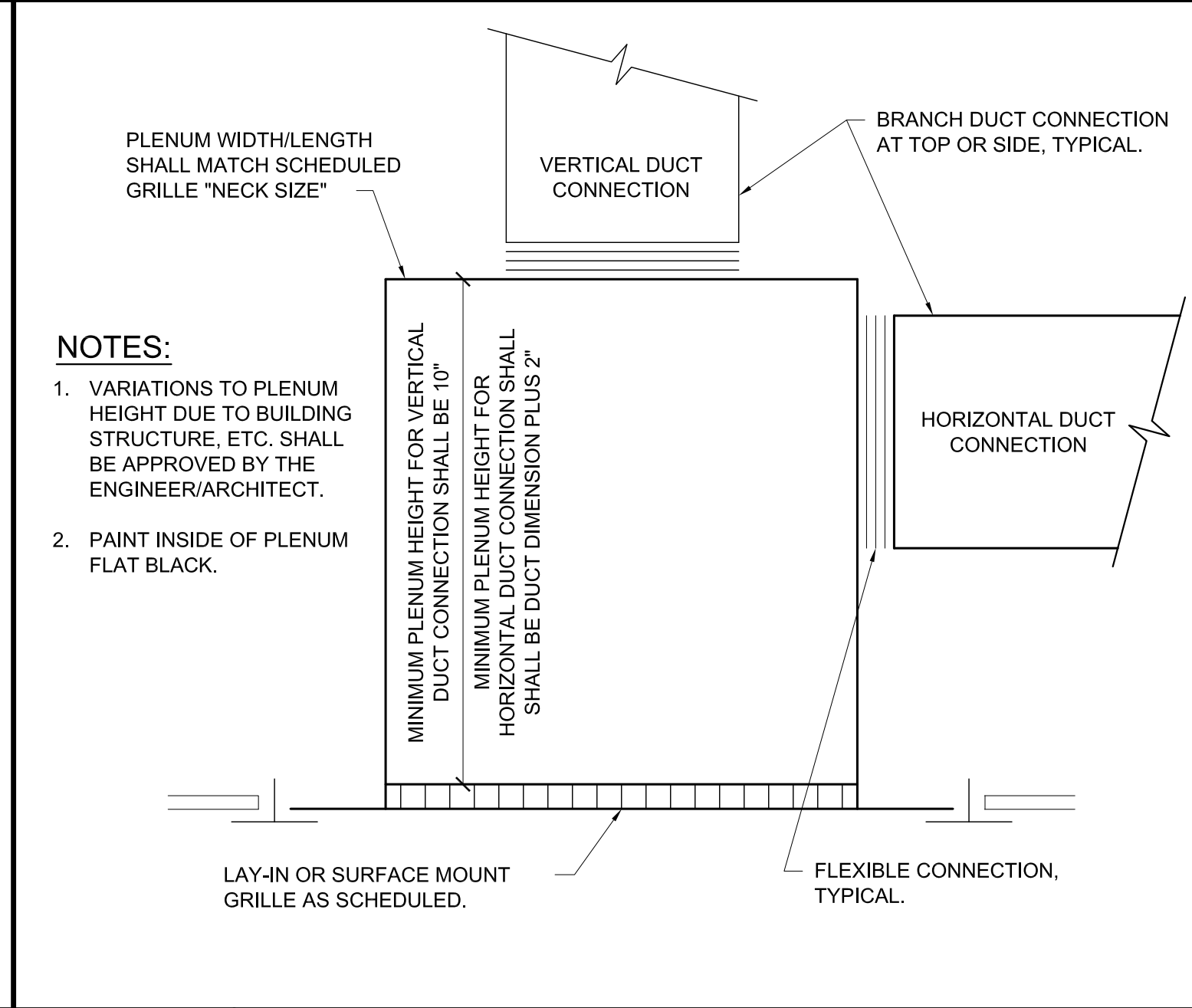
C4 TYPICAL GUY WIRE ANCHOR DETAIL



C8 DETAIL ~ RETURN GRILLE



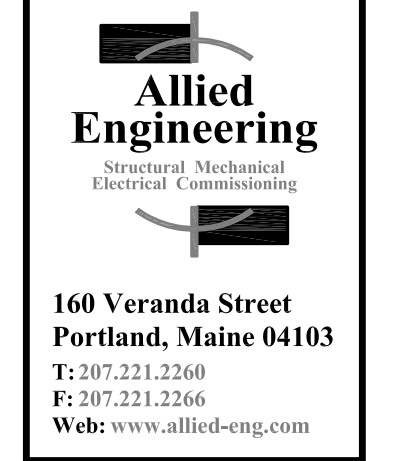
A6 DETAIL ~ ROOF TOP EXHAUST FAN



A8 DETAIL ~ UP BLAST EXHAUST FAN

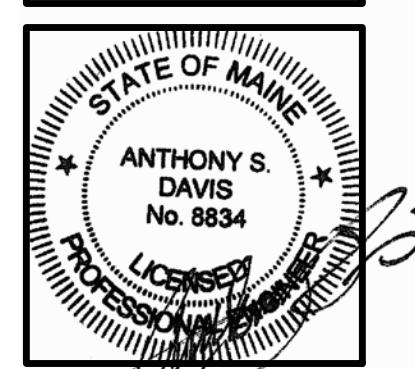
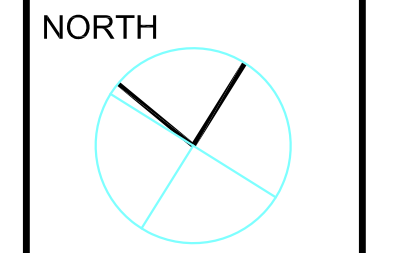


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allied Project No: 14-024
CAD File: 14024_M

Minor Interior Renovations at 196 Allen Avenue for
Casco Bay High School 196 Allen Avenue,
Portland Maine



JOB NO. 14036

DRWN. CHK

SCALE: As indicated

ISSUE STATUS CONSTRUCTION
ISSUE DATE APRIL 18, 2014

TITLE MECHANICAL DEMOLITION PLAN & MECHANICAL PLAN

SHEET MH-500

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