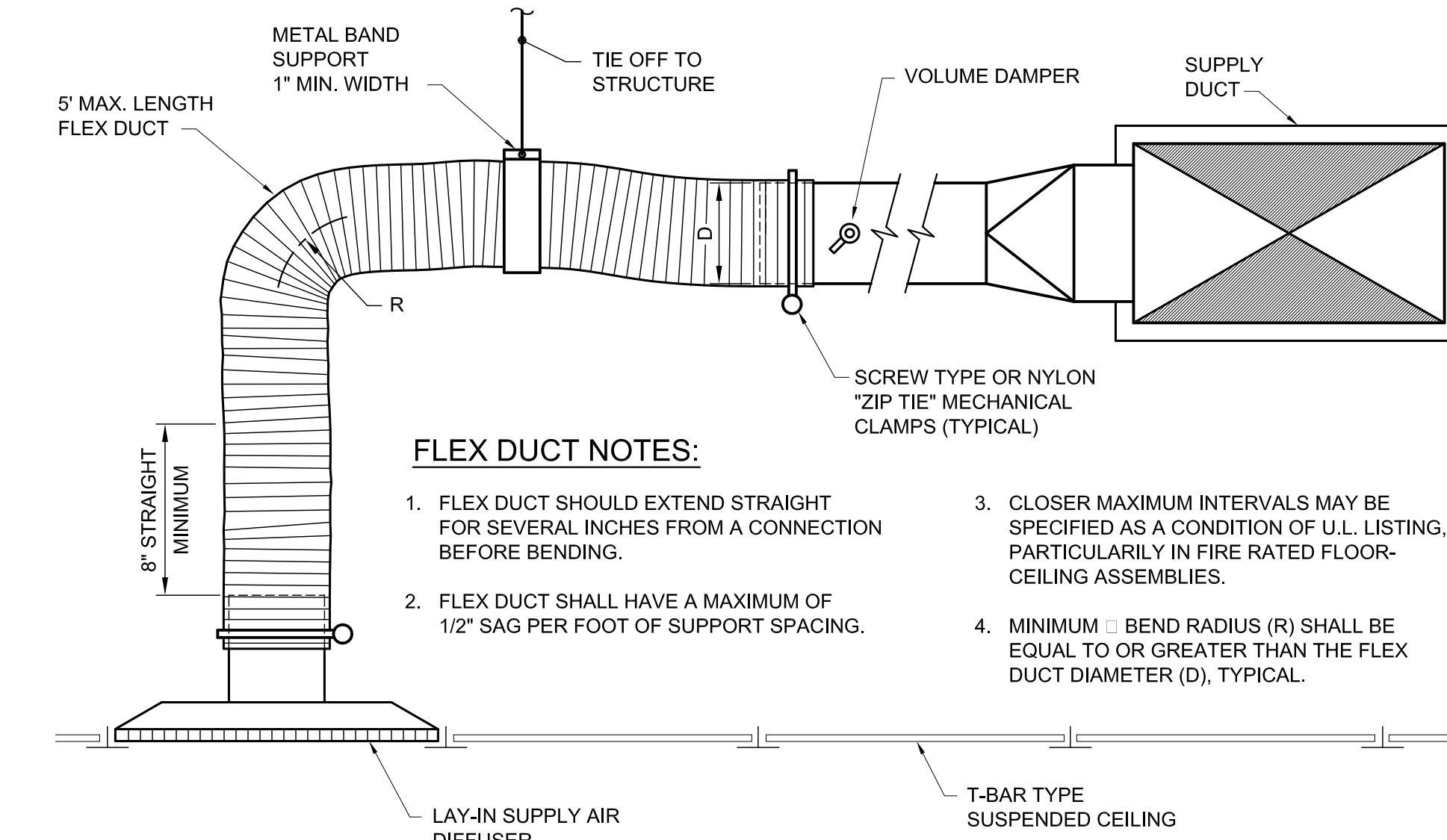


FAN SCHEDULE																		
TAG	SERVES	MANUFACTURER/MODEL	TYPE	DRIVE	CFM	SP (IN. WG)	MAX RPM	ELECTRICAL						LWA	WEIGHT (LBS.)	DAMPER	NOTES	
								MOTOR	MOTOR SPEED	VFD	STARTER	DISC. SWITCH	VOL. THRU					
EF-1	48" FUME HOOD	COOK CPS 70	UTILITY SET	BELT	485	0.5	2295	26	.5	N/A	N/A	N/A	26	110/1/60	86.0	175	YES	1, 2, 3, 4, 5, 6
EF-2	PREP ROOM	COOK ACRUD 90R150H	UPBLAST	DIRECT	220	0.5	1368	79 W	0.125	N/A	N/A	N/A	26	110/1/60	5.7 SONES	28	MOD	7
EF-3	PHYSICS MAKER A302A	COOK CPS 70	UTILITY SET	BELT	400	6	4096	1.25	1.5	N/A	N/A	N/A	26	208/3/60	104.0	174	MOD	1, 2, 3, 4, 5, 6

- BELT DRIVE FANS SHALL BE SELECTED WITH MEDIUM DRIVE LOSS
- PROVIDE ALUMINUM WHEEL
- PROVIDE BASE RAILS WITH SPRING ISOLATION
- PROVIDE HOUSING DRAIN
- PROVIDE BACKDRAFT DAMPER AT OUTLET
- PROVIDE WEATHER COVER
- PROVIDE VARIABLE SPEED CONTROL SWITCH

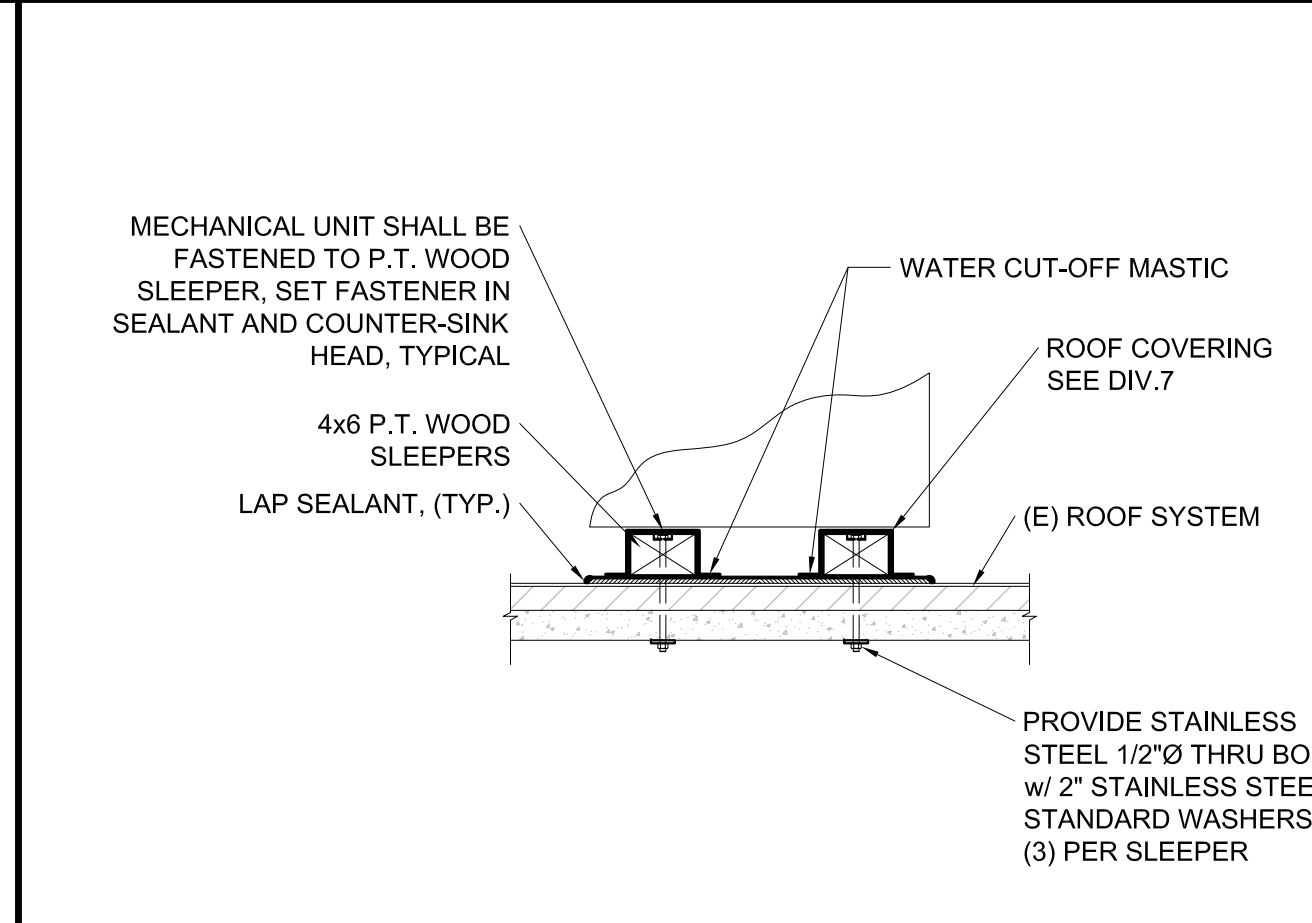
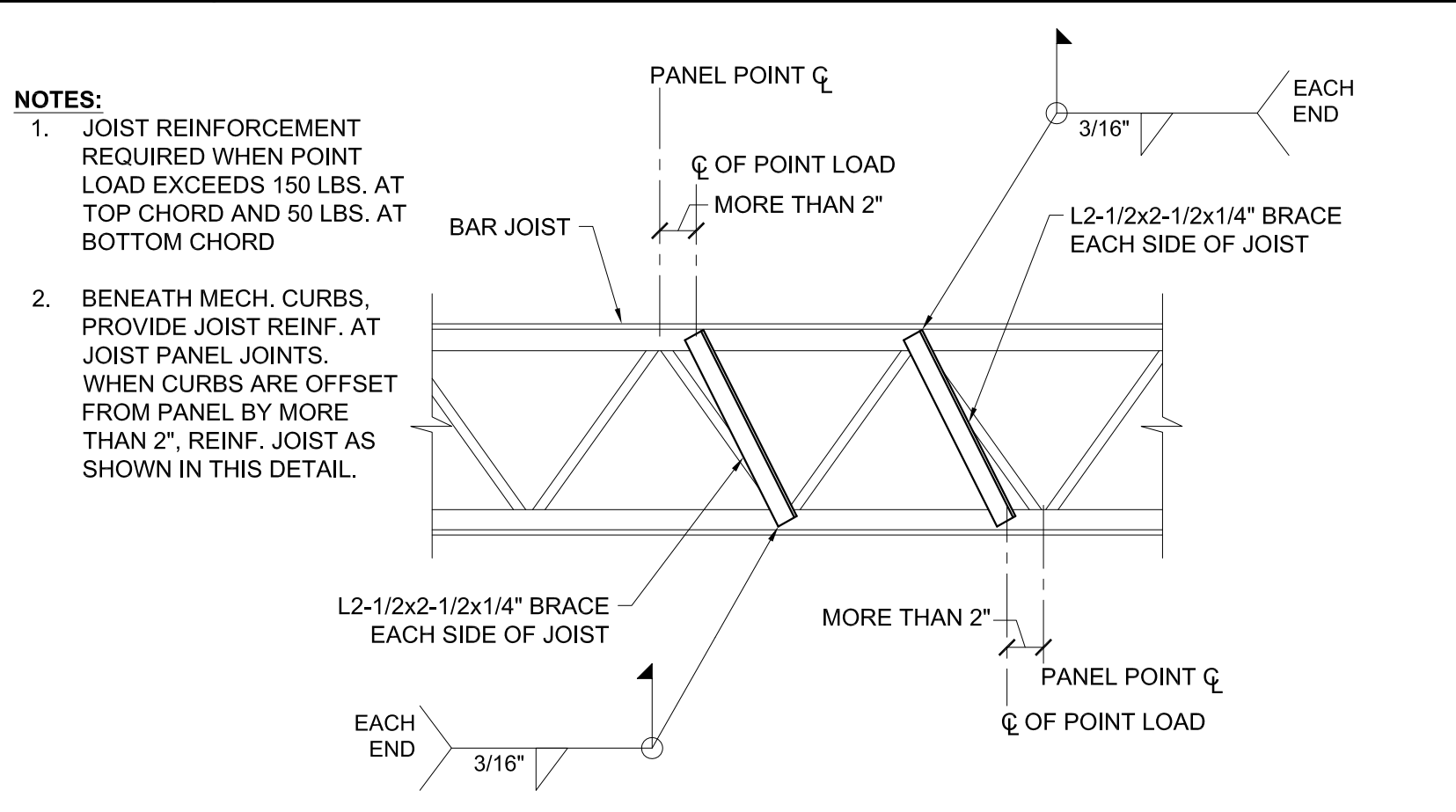
REGISTERS - GRILLES - DIFFUSERS (RGD) SCHEDULE										
TAG	PRICE MODEL	TYPE	NECK SIZE	FACE SIZE	CFM RANGE	MAX TOTAL P.D. (IN. W.C.)	MAX NC LEVEL	BORDER TYPE	BLOW	NOTES
S-1	SCD	SQ. CEILING SUPPLY DIFFUSER	6" DIA	24" X 24"	0-139	0.07"	16	LAY-IN	4-WAY, ADJUSTABLE	
S-2	SCD	SQ. CEILING SUPPLY DIFFUSER	8" 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		



- 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.

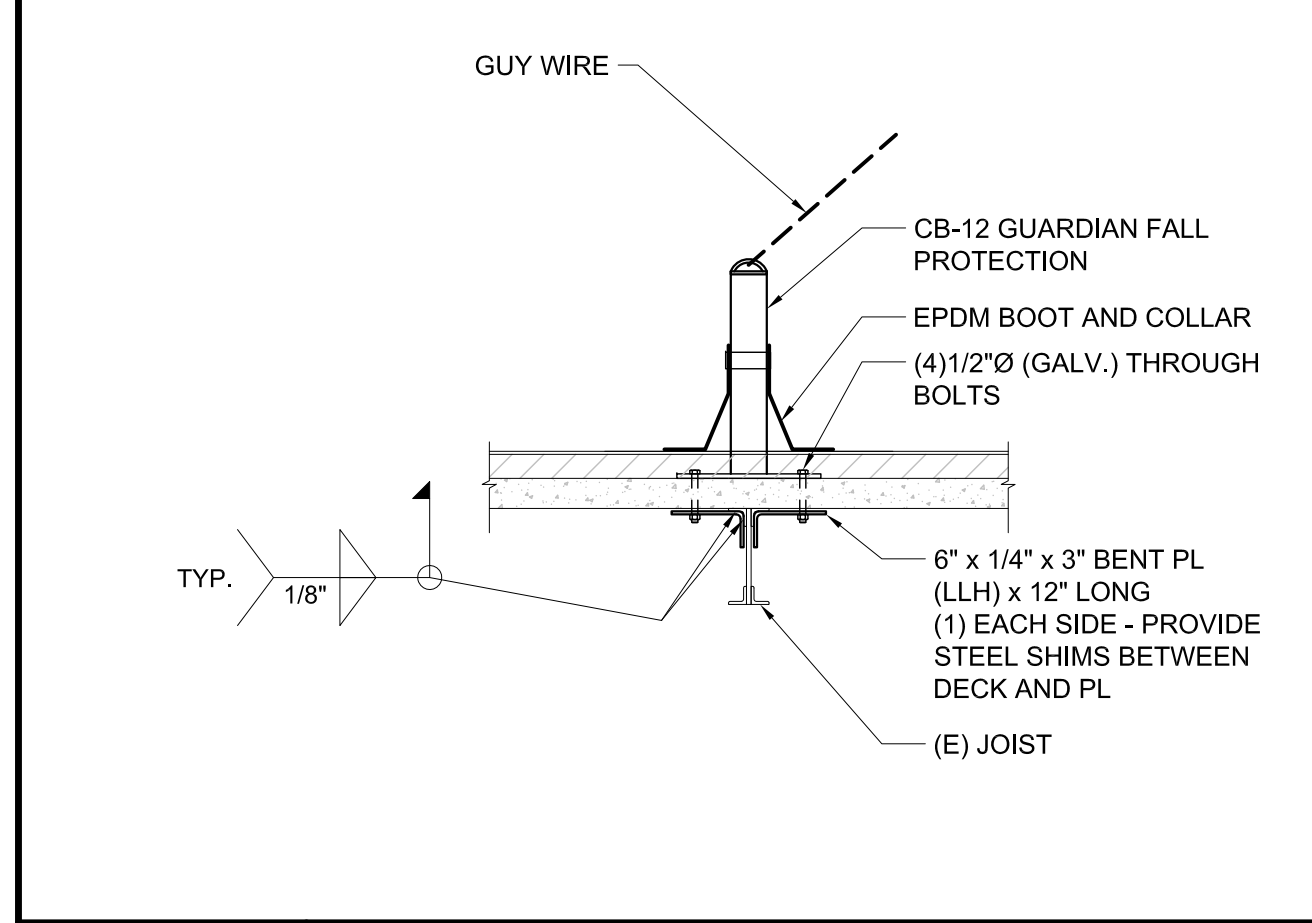
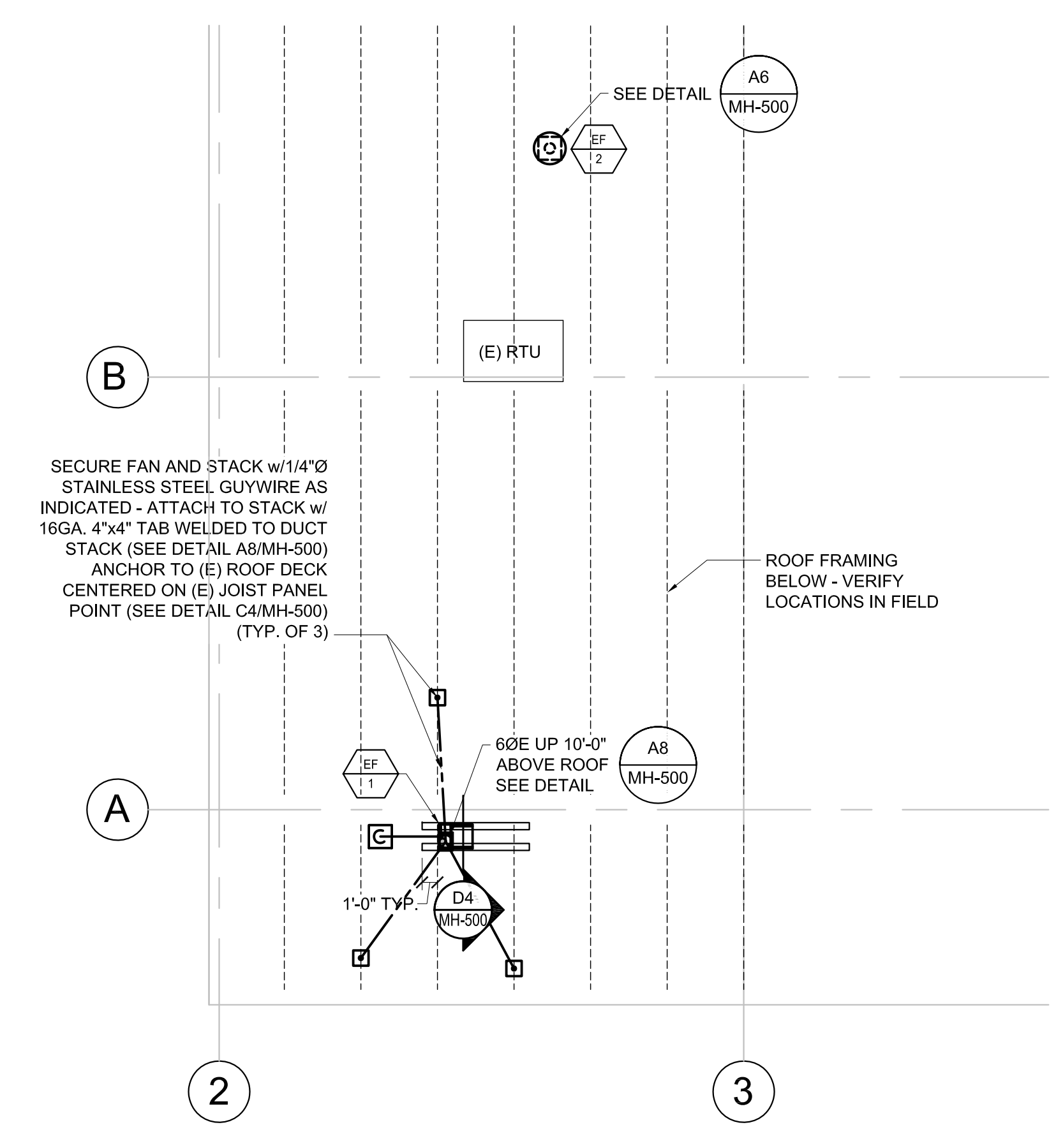
F1 MECHANICAL ~ SCHEDULES

F1 DETAIL ~ SUPPLY DIFFUSER



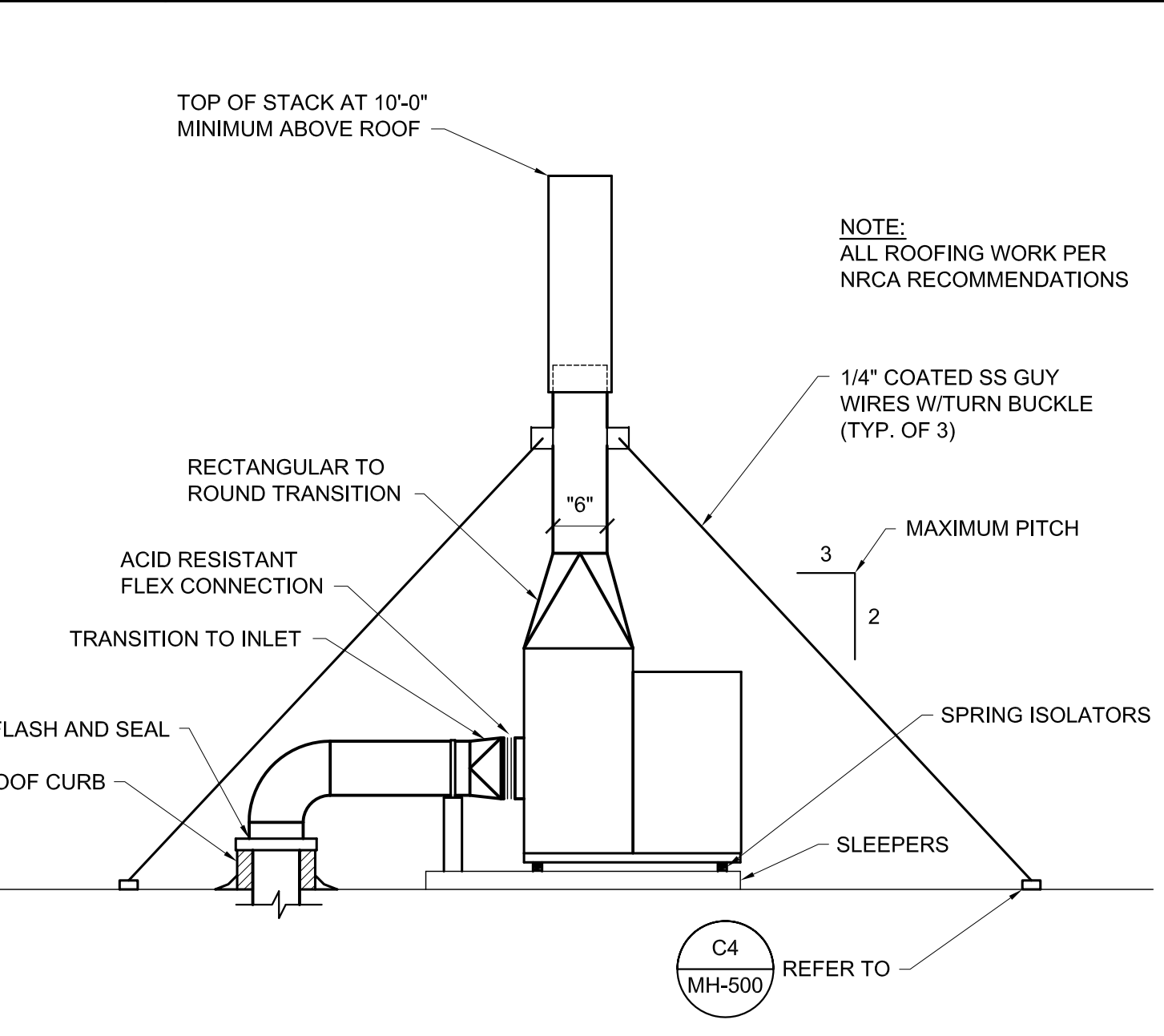
D1 TRUSS FIELD MODIFICATION FOR POINT LOAD > 200 #

D4 TYPICAL SLEEPER DETAIL

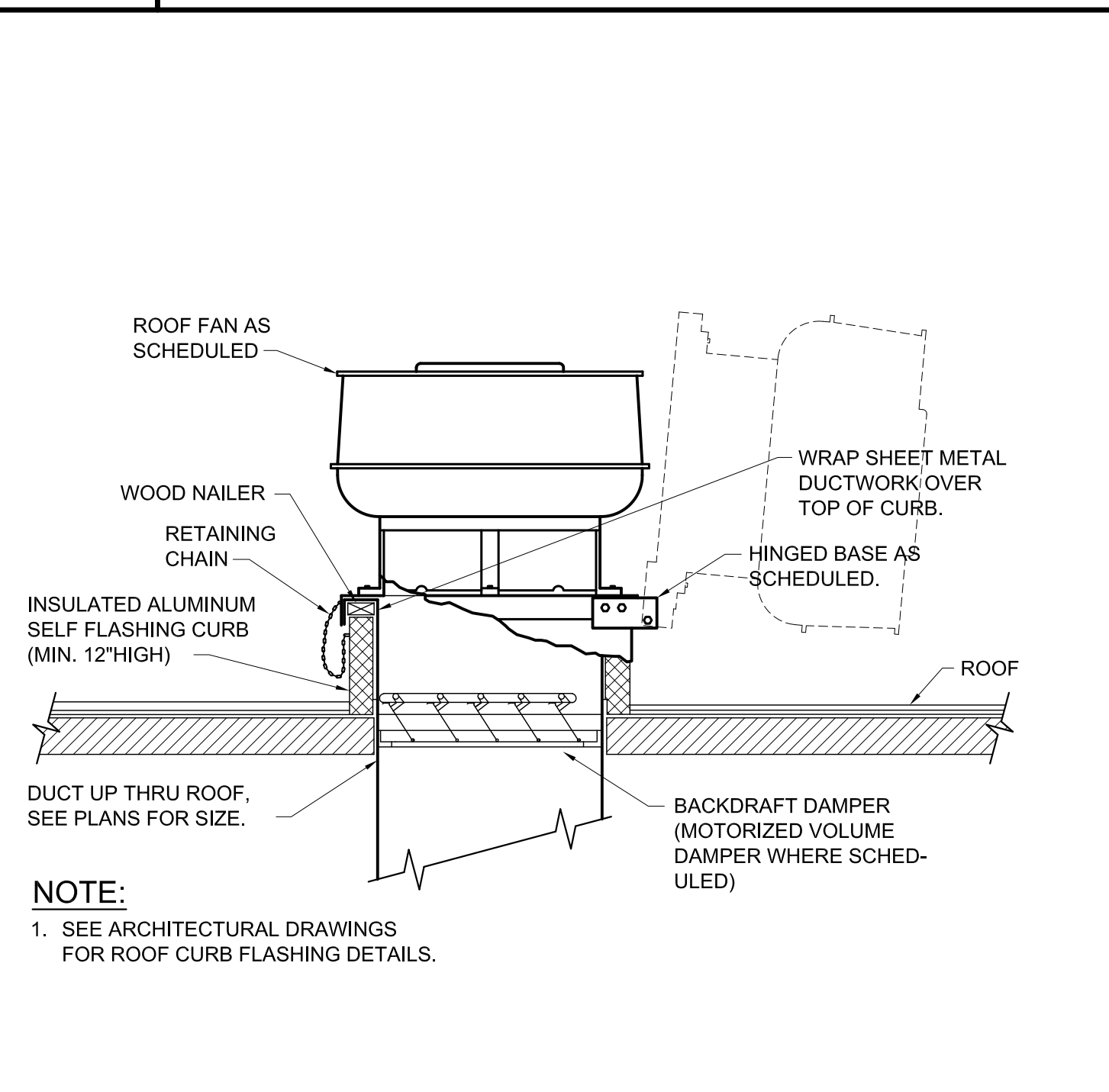


A1 MECHANICAL ROOF PART PLAN

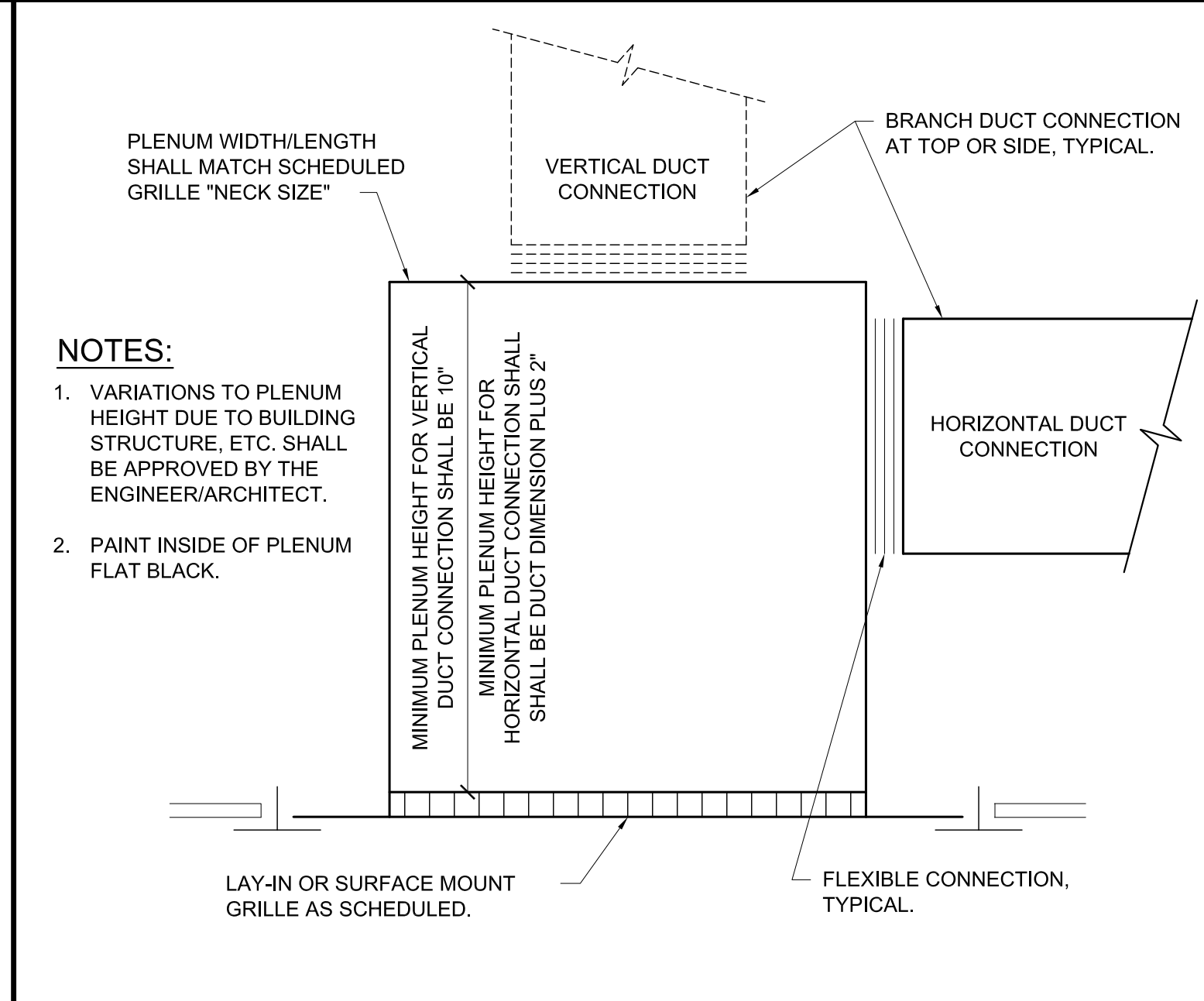
C4 TYPICAL GUY WIRE ANCHOR DETAIL



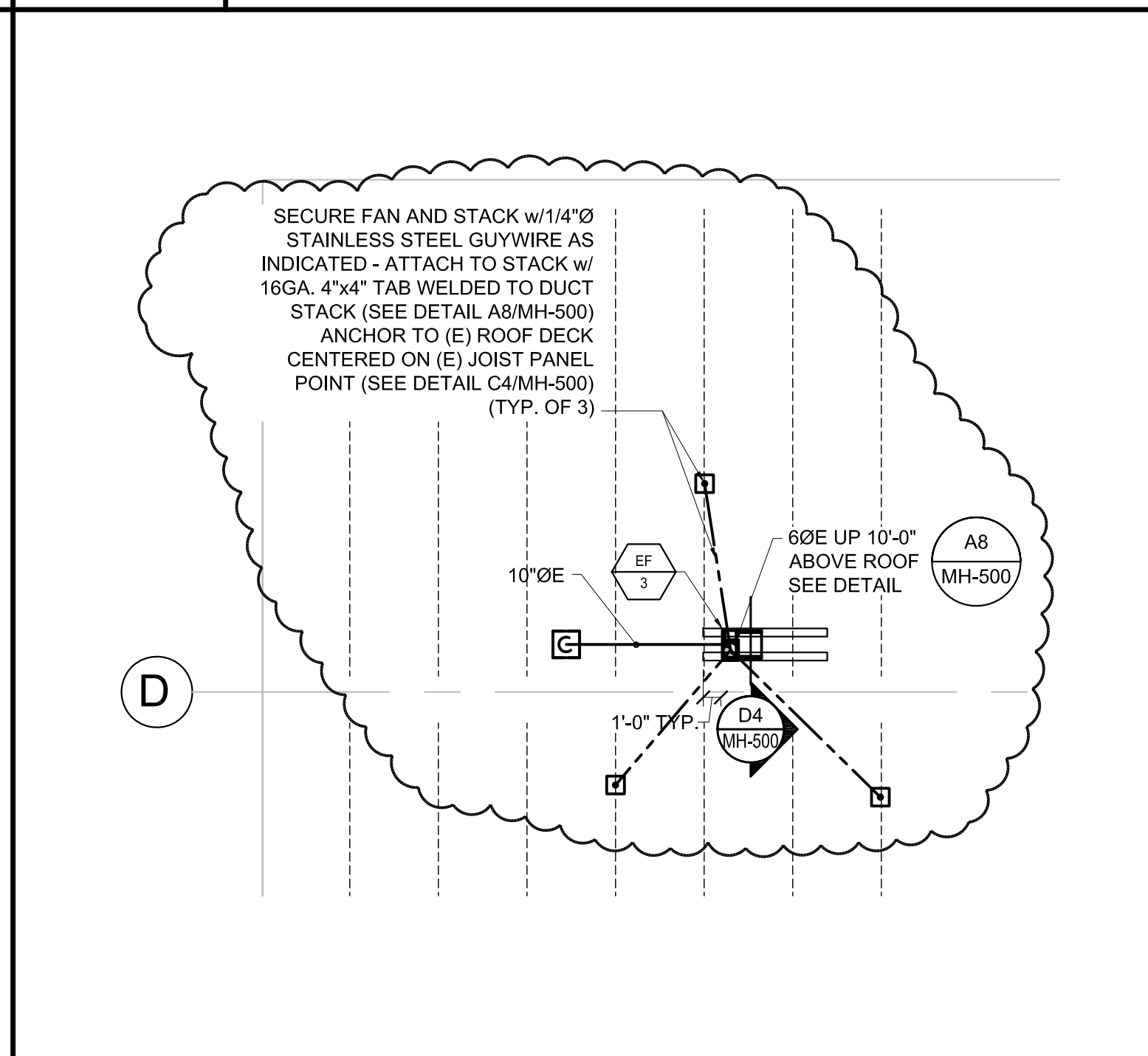
C6 DETAIL ~ UP BLAST EXHAUST FAN



A6 DETAIL ~ ROOF TOP EXHAUST FAN



C8 DETAIL ~ RETURN GRILLE



A8 MECHANICAL ROOF PART PLAN

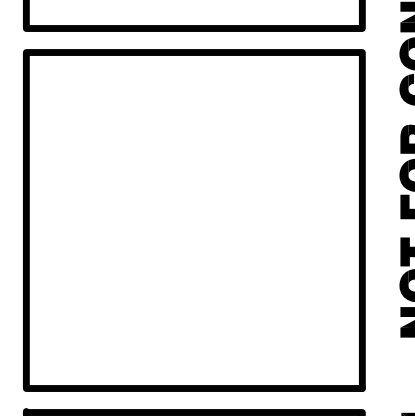
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allied Project No: 14-024  
 CAD File: 14024\_M

Minor Interior Renovations at  
**CASCO BAY HIGH SCHOOL Phase I Part B**  
 196 Allen Avenue, Portland, Maine



JOB NO. 14036

DRWN. CHK

SCALE: As indicated

ISSUE STATUS

TITLE  
 MECHANICAL DEMOLITION PLAN & MECHANICAL PLAN

SHEET  
**MH-500**

PROPOSAL REQUEST #2 ~ 27 OCTOBER 2014 ~ NOT FOR CONSTRUCTION

N:\Projects\2014\14024 ~ CBHS Chemistry Room and Assembly Space Renovations\00 Drawing Files\14024\_M.dwg Oct 29, 2014 - 4:44pm