

General Notes

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NOTES:

- 1) BUILDING STRUCTURE MUST BE SUFFICIENT TO SUPPORT THE FAN INSTALLATION. CONSULT A REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER.
- 2) ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL ELECTRICAL WORK MEETS LOCAL ELECTRICAL CODES.
- 3) ELECTRICAL DISCONNECT AND FUSING PROVIDED BY OTHERS.
- 4) GENERAL CONTRACTOR SHALL ENSURE EQUIPMENT INSTALLATION MEETS ALL APPLICABLE BUILDING CODES.
- 5) STANDARD MOUNT ACCOMMODATES 1-BEAM INSTALLATION, FOR GLUAM MOUNTING, PLEASE NOTE ON ORDER.
- 6) STANDARD VOLTAGES: 120V SINGLE PHASE, 208-240V SINGLE PHASE.
- 7) STANDARD INSTALLATION INCLUDES ONE REMOTE PER FAN.
- 8) OPTIONAL NETWORK INSTALLATION INCLUDES ONE TOUCHSCREEN WORKSTATION KIT.

9) NOTE:
THE INSTALLATION OF HVS FANS IN BUILDINGS EQUIPPED WITH "ESFR" SPRINKLERS SHALL COMPLY WITH THE FOLLOWING:

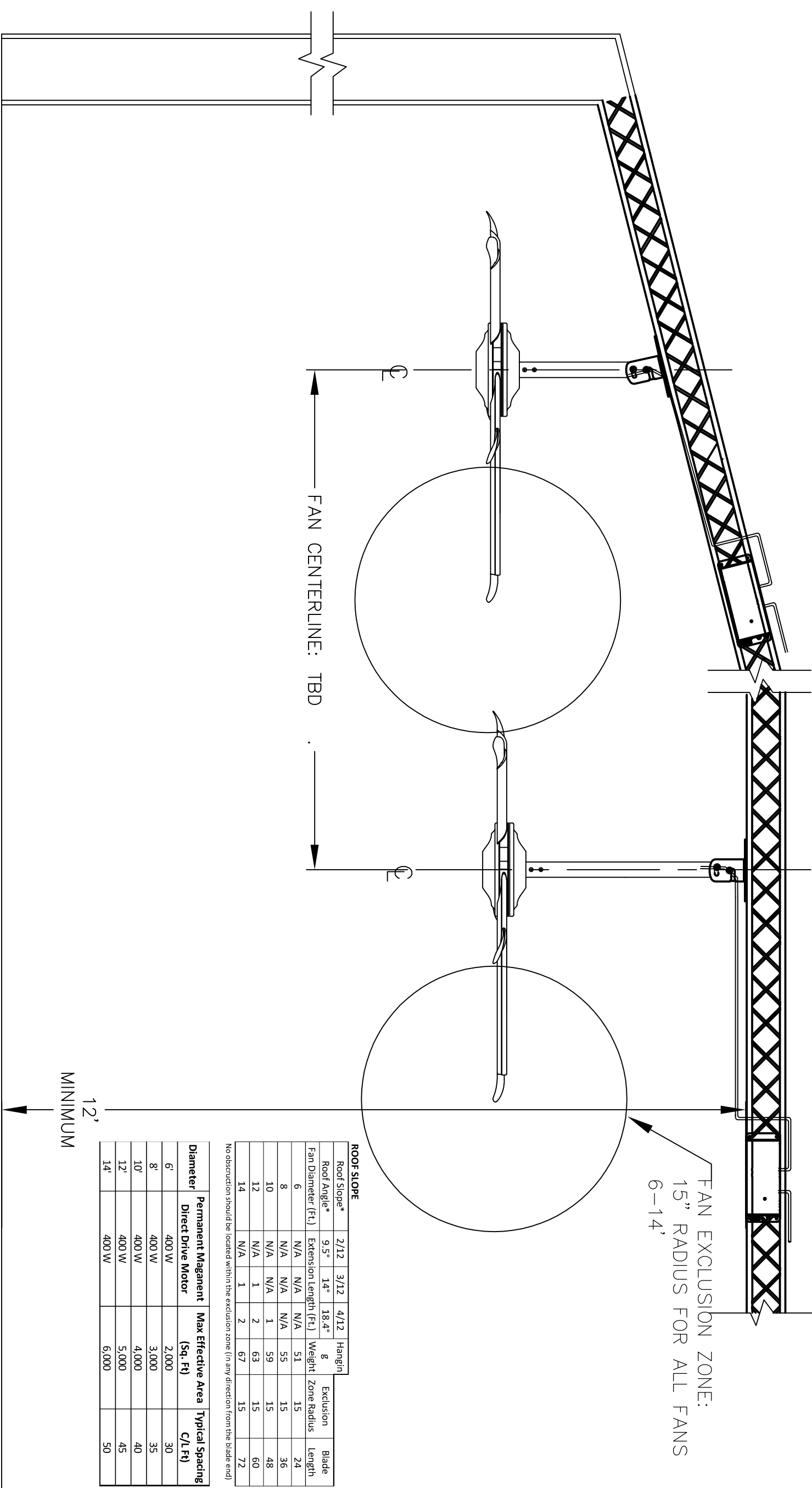
- (A) THE HVS FAN SHALL BE CENTERED APPROXIMATELY BETWEEN FOUR ADJACENT SPRINKLERS.
- (B) THE VERTICAL CLEARANCE FROM THE HVS FAN TO THE SPRINKLER DEFLECTOR SHALL BE A MINIMUM OF 3 FT (0.9M).
- (C) ALL HVS FANS SHALL BE INTERLOCKED TO SHUT DOWN A WATERFLOW SIGNAL FROM THE ALARM SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 72.

SITE INFORMATION

REVIEW DRAWING
THIS DRAWING IS NOT INTENDED FOR CONSTRUCTION.
PLEASE CONSULT WITH REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER FOR ALL LOADS ANALYSIS AND SPECIFICATIONS CONFORMANCE.

Firm Name and Address

ENTREMATIC
1612 Hutton Drive, Suite 140
Corrillon, TX 75008



ROOF SLOPE

Roof Slope*	2/12	3/12	4/12	Hangin	Exclusion Zone Radius	Blade Length
Roof Angle*	9.5°	14°	18.4°	8	15	24
Fan Diameter (Ft.)	N/A	N/A	N/A	51	15	36
	N/A	N/A	N/A	55	15	48
8	N/A	N/A	1	59	15	60
10	N/A	1	2	63	15	72
12	N/A	1	2	67	15	
14	N/A	1	2	67	15	

No obstruction should be located within the exclusion zone (in any direction from the blade end)

Diameter	Permanent Magement Direct Drive Motor	Max Effective Area (Sq. Ft)	Typical Spacing C/L Ft)
6'	400 W	2,000	30
8'	400 W	3,000	35
10'	400 W	4,000	40
12'	400 W	5,000	45
14'	400 W	6,000	50

POWER REQUIREMENT: POWERED VIA 120V/1ph OR 208-240V/1ph ETL TO UL 507 RATED

Note:
For roof angles in excess of 18.4°, consult factory. The extension lengths shown are minimum recommendations only, based solely of roof pitch and fan diameter. Other considerations must be evaluated when determining extension requirements, such as placement of lights, sprinkler systems, HVAC systems, etc. In addition, OSHA requirements state that fan blades must be minimum of 10' above floor.

Revision	Date	Reference	Description	Revision	Date	Reference	Description

Project Name and Address	
End User:	CUSTOMER NAME
Address:	TBD

Drawn By:		Regional Sales Manager:	
CMH	TBD		
Date:	2/3/16	Drawing Number:	XXXXX
Scale:	NTS	Sheet Number:	1 OF 1