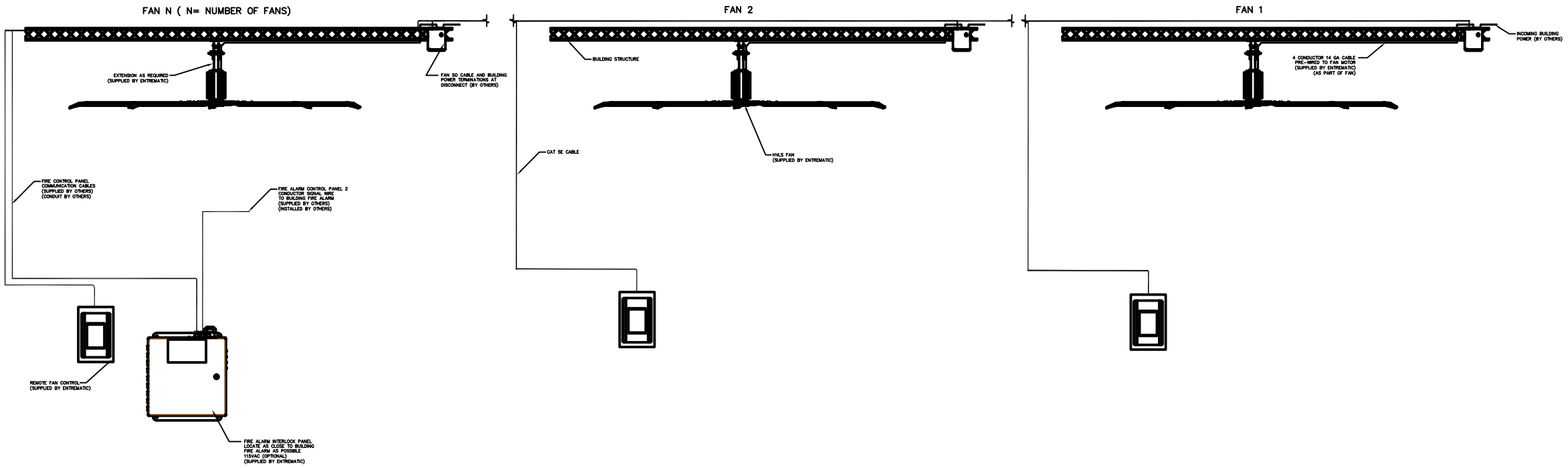

WIRING DETAILS

General Notes

The information contained herein is property and confidential to 4Front Engineered Solutions. and is to be used solely for the express purpose of consideration and development of the article described herein and may not be reproduced or disseminated without the permission of 4Front Engineered Solutions. 4Front Engineered Solutions reserves the right to incorporate product improvements without prior notice.

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 I-BEAM INSTALLATION. FOR GLULAM MOUNTING, PLEASE NOTE ON ORDER.

6) STANDARD VOLTAGES: 208-480V SINGLE PHASE, 208 - 480 THREE PHASE.

7) VFD CONTROL PANEL INTEGRALLY WIRED TO MOTOR, LOCATED ON FAN HOUSING.

8) STANDARD INSTALLATION INCLUDES ONE REMOTE PER FAN AND TWO 100 FT ETHERNET CABLES.

9) OPTIONAL NETWORK INSTALLATION INCLUDES ONE TOUCHSCREEN WORKSTATION KIT.

10) NOTE:
THE INSTALLATION OF HVLS FANS IN BUILDINGS EQUIPPED WITH SPRINKLERS, INCLUDING "ESFR" SPRINKLERS, SHALL COMPLY WITH THE FOLLOWING:

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

SITE INFORMATION

SPECIFICATIONS

HVLS FANS

MODEL: TBD
QTY: TBD
VOLTAGE: TBD
OPTIONS: Std Mount

CONTROL PANEL

To house & interconnect the following:

CONTROL PANEL: HVLS CONTROL
QTY: TBD
ENCLOSURE SIZE:
VOLTAGE: TBD
OPTIONS: Remote wall mount control Nema 1

MISC. EQUIPMENT

MODEL:
QTY:
VOLTAGE:
OPTIONS:

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

Formal Approval Drawing

SIGNATURE: _____

DATE: _____

Approval is for general conformance with the design concept and contract documents. Markings or comments shall not be construed as relieving the contractor from compliance with the projects plan and specifications, nor departures therefrom. The Contractor remains responsible for details and accuracy, for conforming and correlating all quantities and dimensions, for selecting fabrications process, for techniques of assembly and for performing his/her work in a safe manner. Must be signed and returned to commence fabrication.

Firm Name and Address

ENTREMATIC
1612 Hutton Drive, Suite 140
Carrollton, TX 75006

Revision	Date	Reference	Description	Revision	Date	Reference	Description
-	-	-	-				

Project Name and Address
End User: CUSTOMER NAME
Address: TBD
Architect:
General Contractor:
ENTREMATIC Distributor: TBD

Drawn By: CMH	Regional Sale Manager: TBD
Date: 6/25/15	Drawing Number: xxxx
Scale: NTS	Sheet Number: 1 OF 1