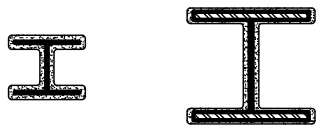
Design No. X722

RATINGS – 1, 2 & 3HR



1. STEEL COLUMN – MIN. SIZE OF COLUMN, A W8X16 WITH OUTSIDE DIMENSIONS OF 8-⅛ BY 4 IN. WITH A FLANGE THICKNESS OF ⅜ IN., A WEB THICKNESS OF ¼ IN. AND A CROSS-SECTIONAL AREA OF 4.72 SQ. IN.

2. CEMENTITIOUS MIXTURES* – SEE TABLE BELOW FOR APPROXIMATE THICKNESS APPLIED BY HAND WITH WATER AND SPRAYED IN ONE OR MORE COATS TO STEEL SURFACES WHICH MUST BE CLEAN AND FREE OF DIRT, LOOSE SCALE AND OIL. MIN AVG AND MIN IND DENSITY OF 18 / 14 PCF RESPECTIVELY. FOR METHOD OF DENSITY DETERMINATION, SEE DESIGN INFORMATION SECTION, PRECEDING THESE DESIGNS.

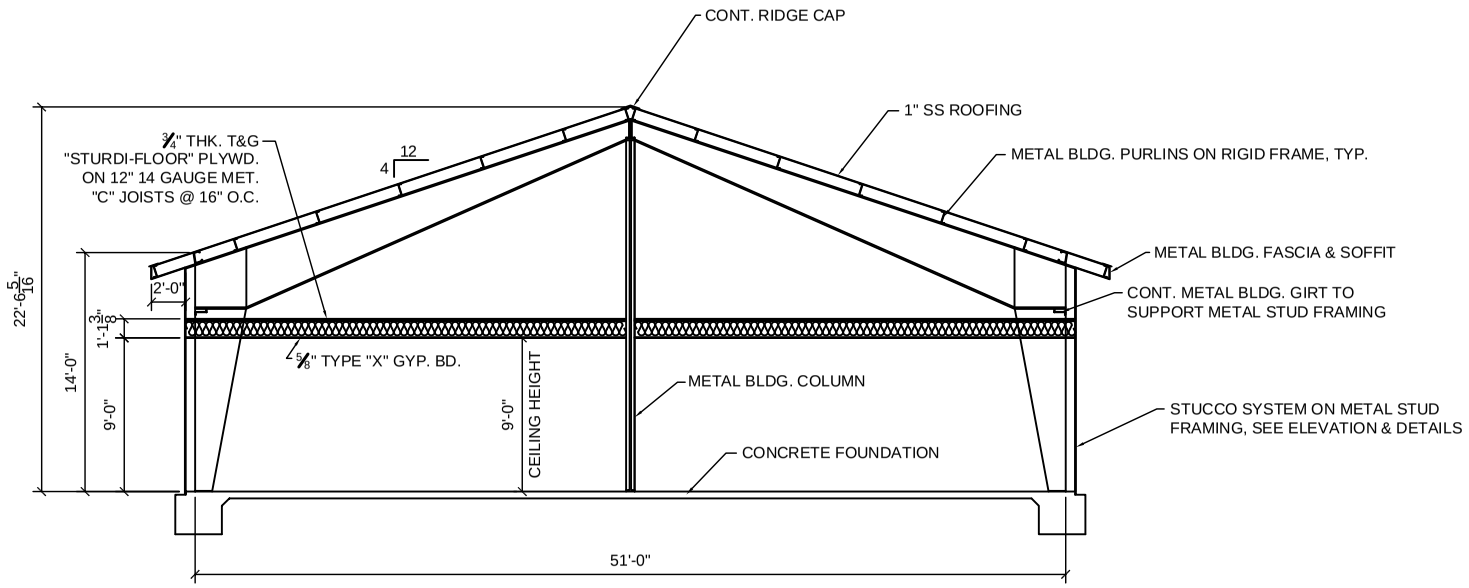
RATING – HR.	MIN. THICKNESS – IN.
3	2-⅜
2	1-⁹⁄₁₆
1	⁹⁄₁₆

THE THICKNESSES CONTAINED IN THE TABLE BELOW ARE APPLICABLE WHEN THE CEMENTITIOUS MIXTURE THICKNESS APPLIED TO THE COLUMNS FLANGE TIPS IS REDUCED TO ONE HALF THAT SHOWN IN THE TABLE BELOW:

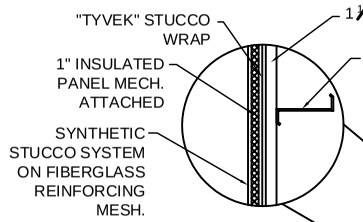
RATING – HR.	MIN. THICKNESS – IN.
3	2-⅜
2	1-⁹⁄₁₆
1	⁹⁄₁₆

CONSTRUCTION PRODUCTS DIV., W.R. GRACE & CO. OF CANADA LTD. – TYPES MK-4, MK-5.
HYDE & CO., LTD., F. – TYPES MK-4,5.
SOUTHWEST VERMICULITE CO., INC. – TYPES 4, 5
VERMICULITE PRODS., INC. TYPES MK-4, MK-5, VP4, VP5.
ZONOLITE CONST. PRODS. DIV., W.R. GRACE & CO. – TYPES MK-4, MK-5, MK-6/ED, MK-6/CEF, R9 AND R9 1.

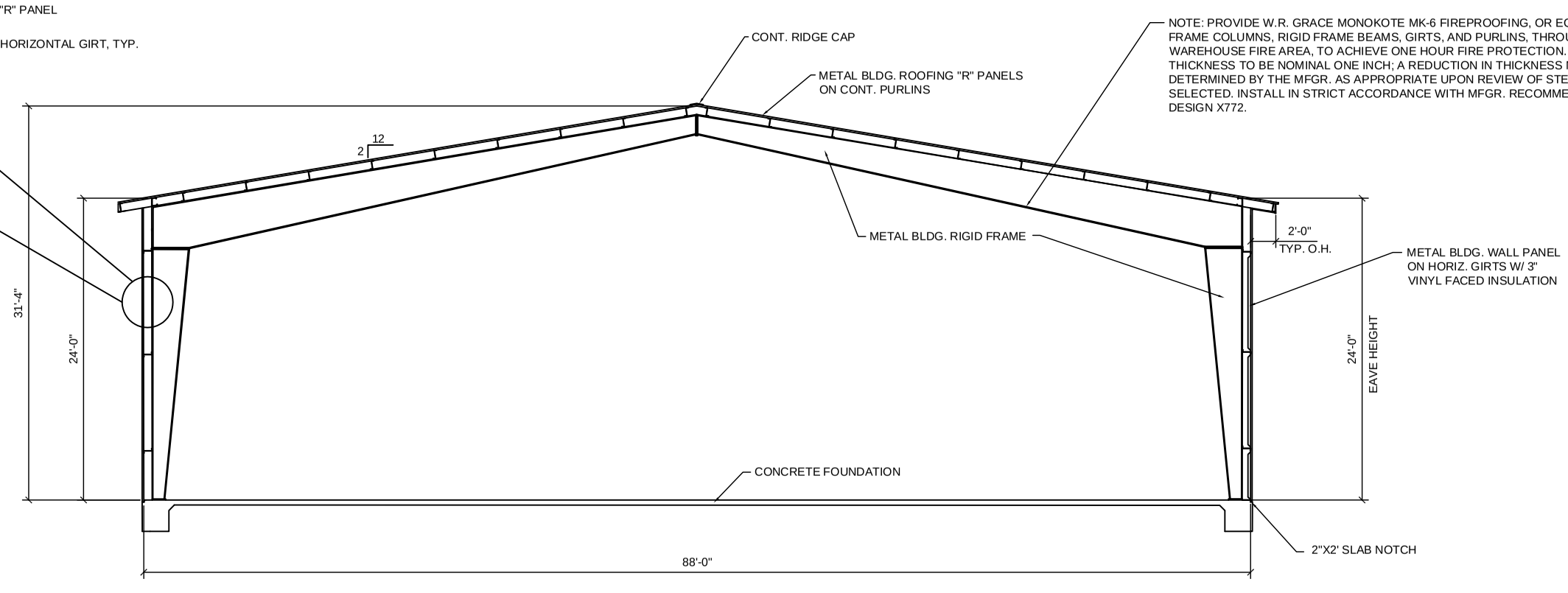
*BEARING THE UL CLASSIFICATION MARKING



SECTION AA
SCALE: 3/16"=1'-0"



NOTE: INSTALL ALL ABOVE NOTED MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. PROVIDE JOINTS, AND JOINT SEALANTS, INSTALLED AS RECOMMENDED BY SYSTEM MANUFACTURER SEE ELEVATIONS.



SECTION BB
SCALE: 3/16"=1'-0"

DAMMON
ENGINEERING, INC.

EMMETT DAMMON

ARCHITECT ROBERT WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
985-649-5832

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

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BUILDING SECTIONS

REV:

SCALE: AS NOTED

JOB#: 1912

DATE: 1-4-08

SHEET

A-4

OF