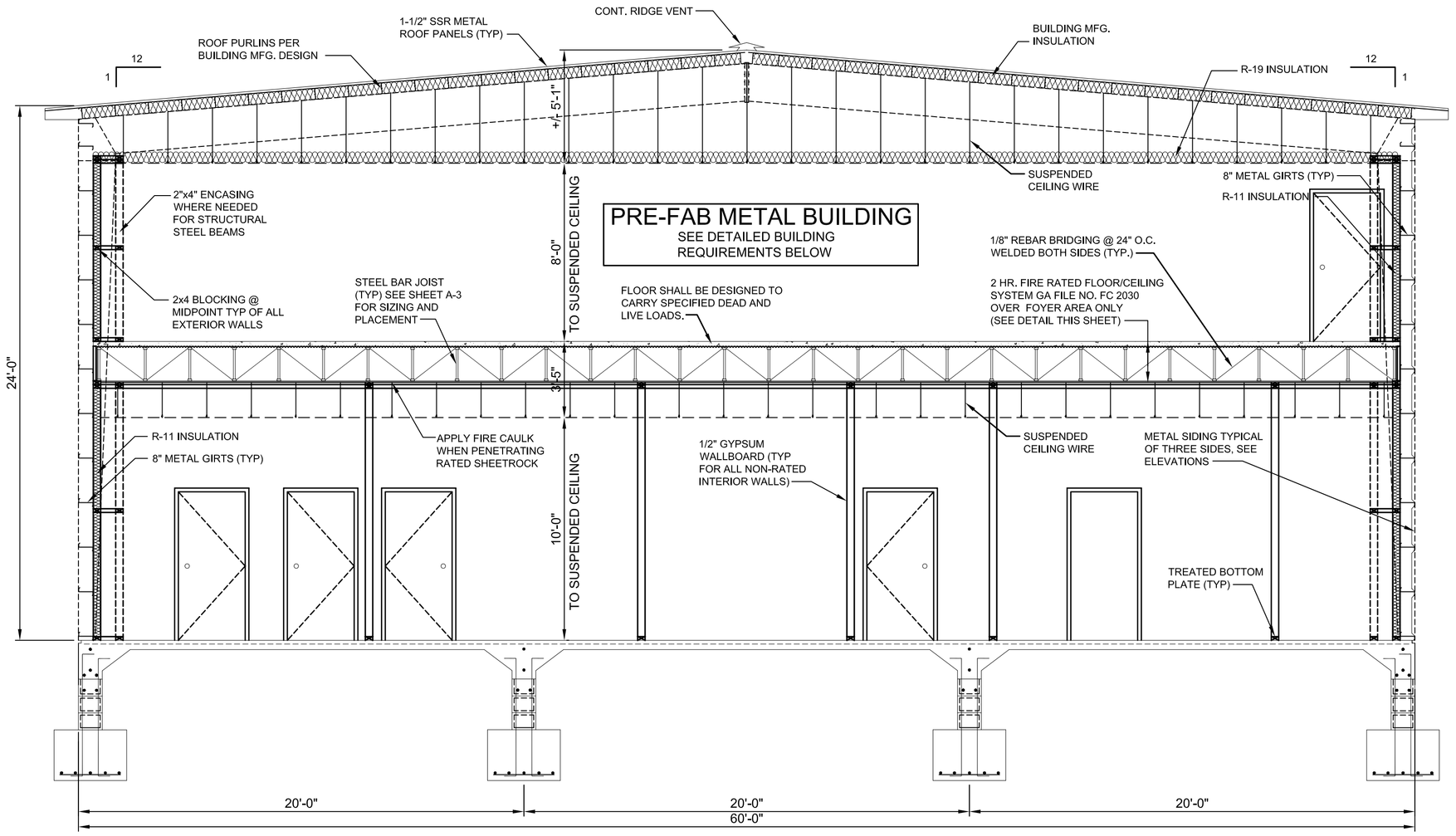
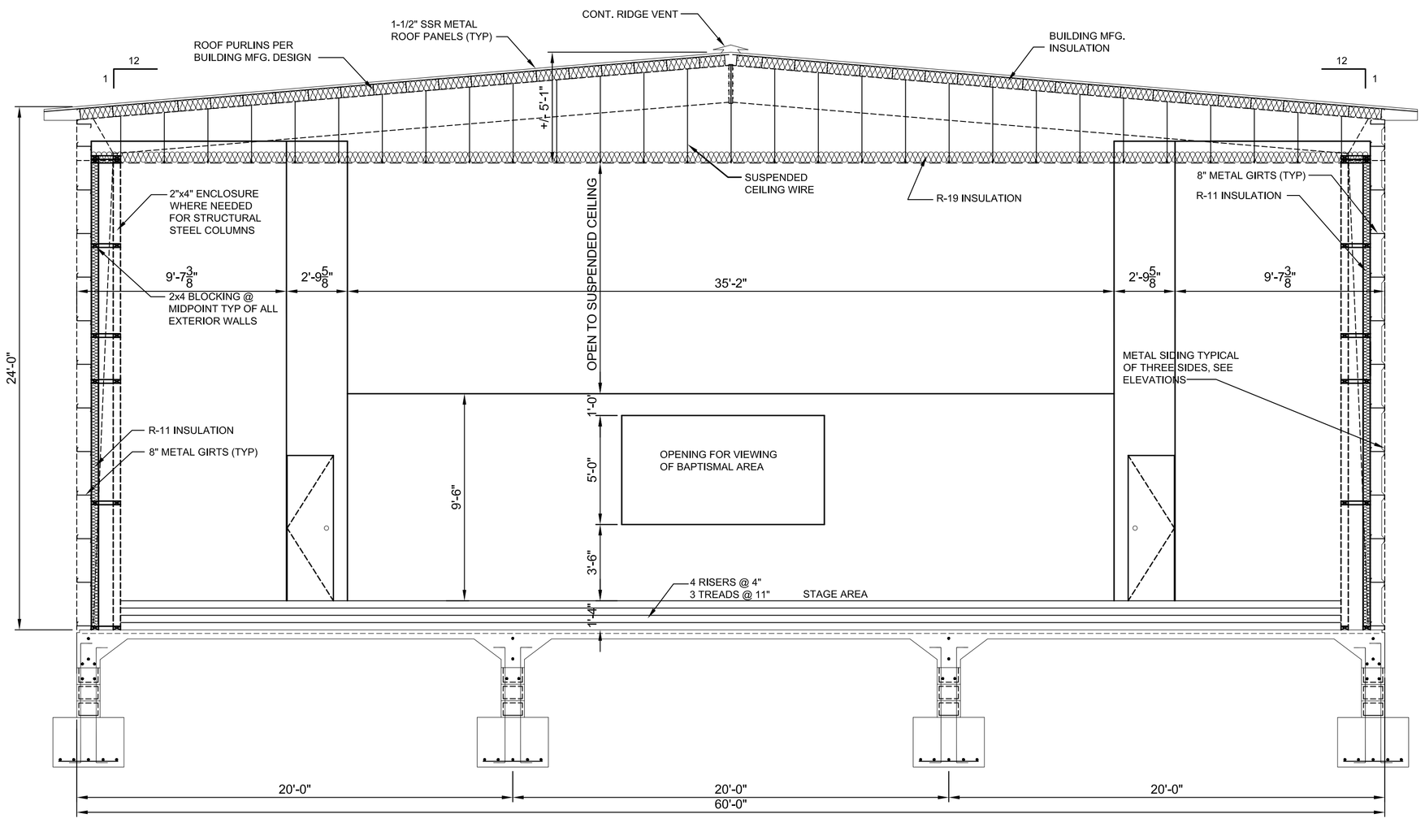


F CROSS SECTION

A1 | A4

SCALE: 1/4"=1'-0"



G CROSS SECTION

A1 | A4

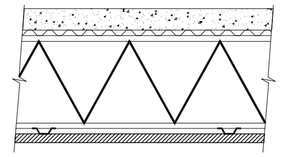
SCALE: 1/4"=1'-0"

GA FILE NO. FC 2030 GENERIC 2 HOUR FIRE

STEEL JOISTS, CONCRETE SLAB, GYPSUM WALLBOARD

ONE LAYER 1/2" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO RIGID FURRING CHANNELS 24" O.C. WITH 1" TYPE S DRYWALL SCREWS 12" O.C.
GYPSUM BOARD END JOINTS LOCATED MIDWAY BETWEEN CONTINUOUS CHANNELS AND ATTACHED TO ADDITIONAL PIECES OF CHANNEL 54" LONG WITH SCREWS 12" O.C.
FURRING CHANNELS ATTACHED WITH 18 GAGE WIRE TIES 48" O.C. TO OPEN WEB STEEL JOISTS 24" O.C. SUPPORTING 3/8" METAL LATH OR 9/16" DEEP 28 GAGE CORRUGATED STEEL AND 2-1/2" CONCRETE SLAB MEASURED FROM TOP OF FLUTE. FURRING CHANNELS MAY BE ATTACHED TO 1-1/2" COLD ROLLED CARRYING CHANNELS 48" O.C. **(TWO HOUR RESTRAINED AND UNRESTRAINED.)**

(SEE GA FILE NO. BM 3310)



APPROX. CEILING WEIGHT: 2 PSF
FIRE TEST: UL R3501-28, 2-7-64
UL DESIGN G514
ULC DESIGN I511
SOUND TEST: NGC 4075, 3-25-69

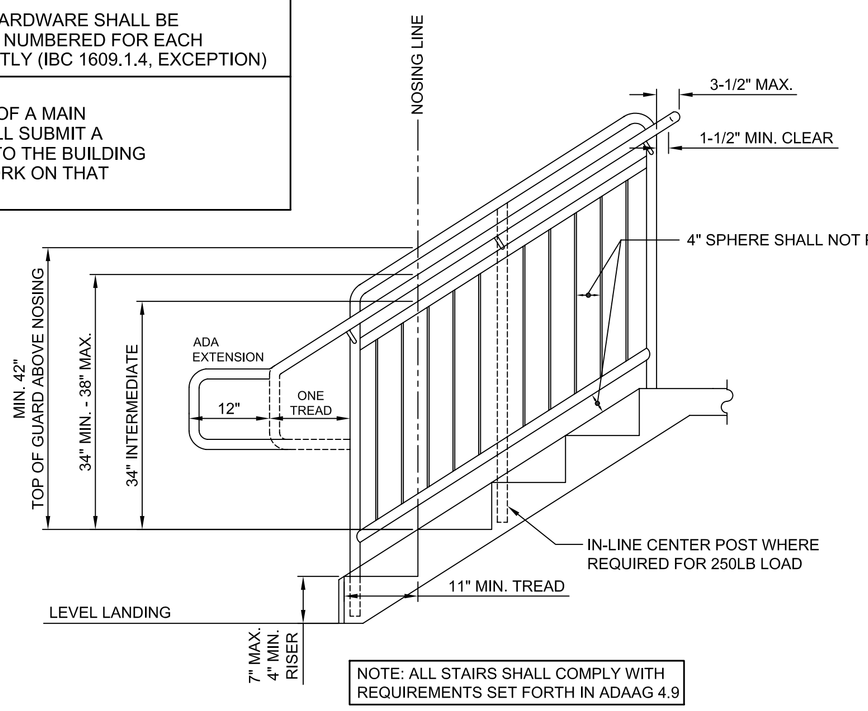
DETAILED BUILDING REQUIREMENTS

(MAIN WIND FORCE RESISTING COMPONENTS)

- THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC-LRFD), AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN (AISC-ASD) OR AISC SPECIFICATION FOR THE DESIGN OF STEEL HOLLOW STRUCTURAL SECTIONS (AISC-HSS). WIND LOAD DESIGN OF 130 MPH.
- ROOF COVERING SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIRMENTS SET FORTH IN IBC SECTION 1507
- MASONRY VENEER SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN IBC CHAPTER 21
- VINYL SIDING SHALL CONFORM TO THE REQUIREMENTS OF ASTM D3679 (IBC 1404.9)
- 1609.1.4 PROTECTION OF OPENINGS
- 7/16" THICK STRUCTURAL WOOD PANELS AND ATTACHMENT HARDWARE SHALL BE PROVIDED FOR BUILDING OCCUPANCY THE PANELS SHALL BE NUMBERED FOR EACH GLAZED OPENING AND SHALL BE STORED ON SITE PERMANENTLY (IBC 1609.1.4, EXCEPTION)

CONTRACTOR NOTE!

EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE-RESISTING COMPONENT OF THIS BUILDING SHALL SUBMIT A A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF THE WORK ON THAT COMPONENT. (IBC 1706.3)

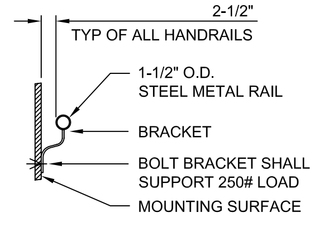


NOTE: ALL STAIRS SHALL COMPLY WITH REQUIREMENTS SET FORTH IN ADAAG 4.9

GUARDRAIL: MIN. 42" ABOVE NOSING LINE
250 LB LOAD - INTERMEDIATES TO 34" ABOVE NOSING LINE
HANDRAIL: 1-1/4" MIN. - 2" MAX. O.D. (MIN. 4" MAX. 6-1/4" CIRCUMFERENCE)
POST: 1-1/2" O.D. x 3/4" WALL TUBE

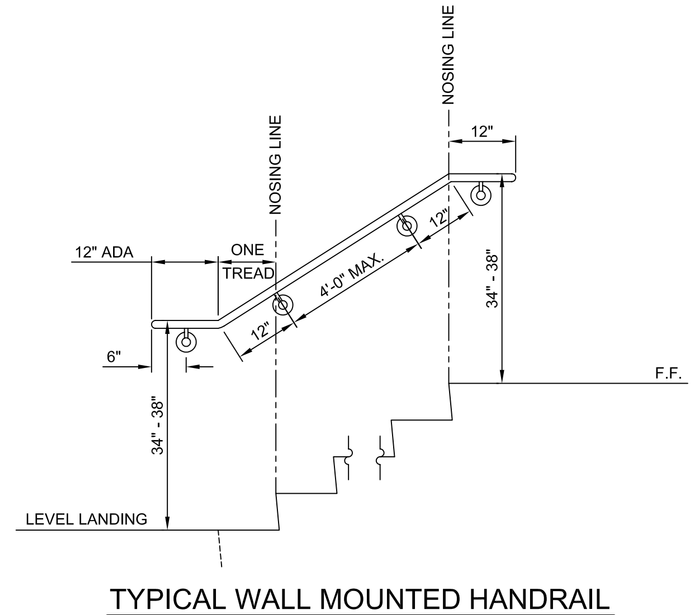
TYPICAL HANDRAIL / GUARDRAIL DETAIL

SCALE: N.T.S.



TYPICAL WALL MOUNTED HANDRAIL SECTION

SCALE: N.T.S.



TYPICAL WALL MOUNTED HANDRAIL

SCALE: N.T.S.

CROSS SECTIONS

EUGENE WELLINGTON
ALLEN ROAD
SLIDELL, LOUISIANA

EL-BETHEL PENTECOSTAL CHURCH

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED

FILE:

JOB NO. 1819

DATE: 3-29-07

SHEET 13

A-4

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