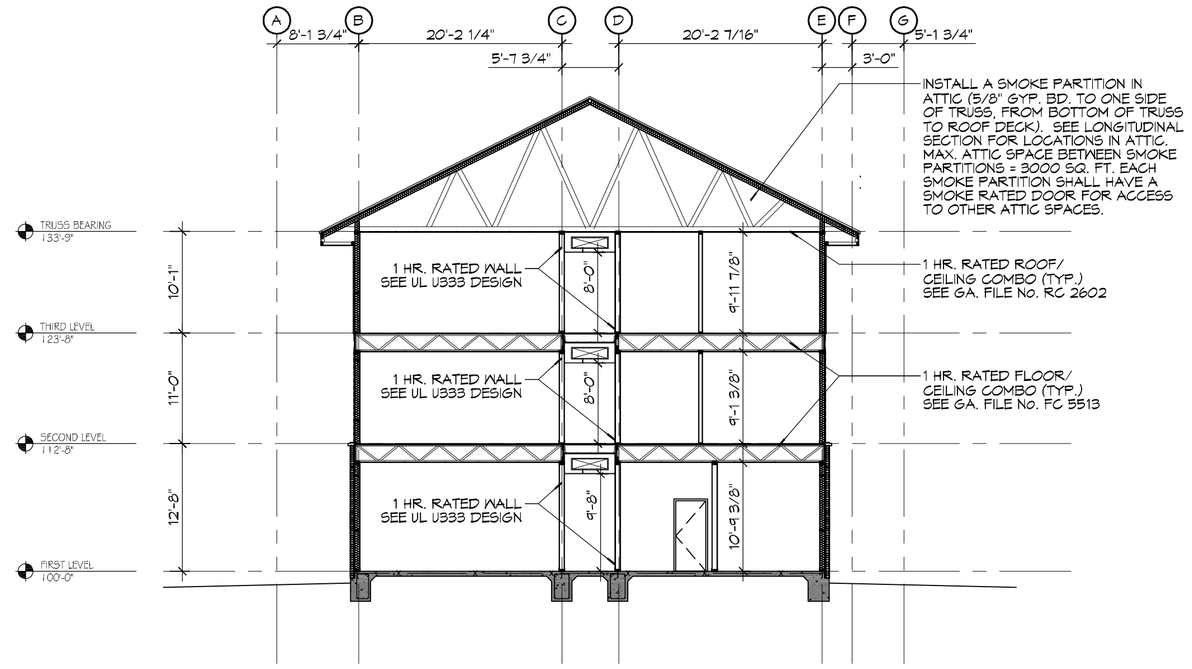
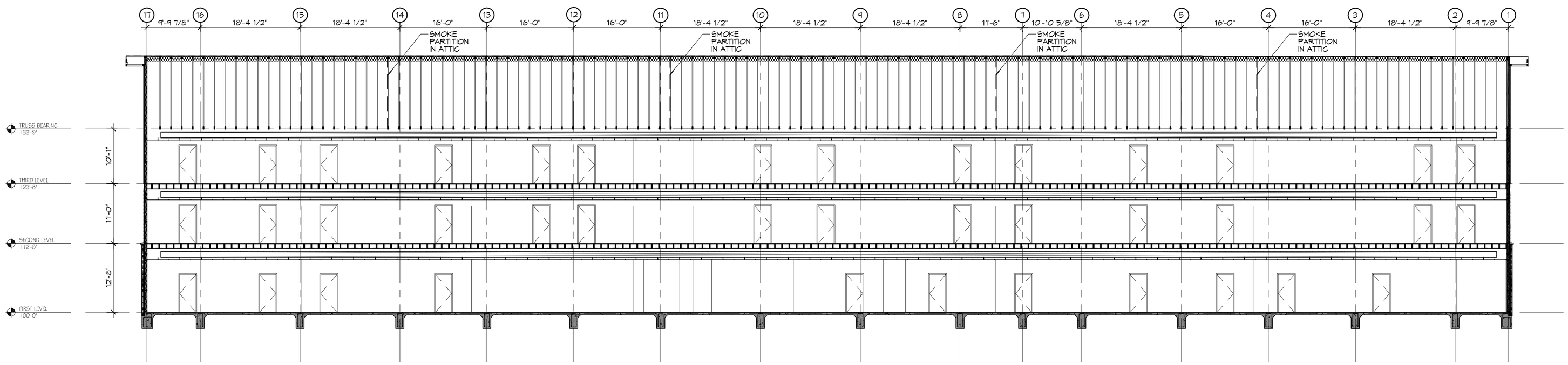


B BUILDING SECTION - TYPICAL CROSS-SECTION

SCALE: 3/32" = 1'-0"

SECTION CUT THROUGH GUEST ROOMS



A BUILDING SECTION - LONGITUDINAL

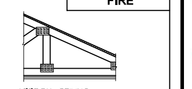
SCALE: 3/32" = 1'-0"

SECTION CUT THROUGH CORRIDORS

FLOOR-CEILING SYSTEMS, WOOD-FRAMED

GA FILE NO. RC 2602 — **1 HOUR FIRE**

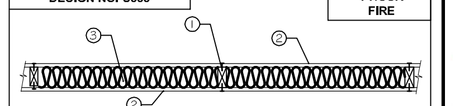
BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO WOOD ROOF TRUSSES 24" O.C. WITH 1-1/4" TYPE W OR S DRYWALL SCREWS 24" O.C.
FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO TRUSSES WITH 1-7/8" TYPE W OR S DRYWALL SCREWS 12" O.C. AT JOINTS AND INTERMEDIATE TRUSSES AND 1-1/2" TYPE G DRYWALL SCREWS 12" O.C. PLACED 2" BACK ON EITHER SIDE OF END JOINTS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS. WOOD TRUSSES SUPPORTING 1/2" WOOD STRUCTURAL PANELS APPLIED AT RIGHT ANGLES TO TRUSSES WITH 8d NAILS. APPROPRIATE ROOF COVERING. **CEILING PROVIDES ONE HOUR FIRE RESISTANCE PROTECTION FOR TRUSSES.**



APPROX. CEILING WEIGHT: 5 PSF
FIRE TEST: FM RC 1-72, 2-23-72; ITS, 8-6-86

BEARING WALL RATING 1 HR. FINISH RATING-23 MIN.

DESIGN NO. U333 — **1 HOUR FIRE**



1. WOOD STUDS:
   NOM. 2 BY 4 IN., SPACED 16 IN. O.C. EFFECTIVELY CROSS BRACED.
2. GYPSUM BOARD:
   5/8 IN. THICK, 4 FT. WIDE, APPLIED EITHER VERTICALLY OR HORIZONTALLY, SCREW ATTACHED TO STUDS AND PLATES WITH 1 1/4 IN. LONG TYPE W STEEL SCREWS, SPACED 12 IN. O. C.
   AMERICAN GYPSUM CO.- TYPES AG-C, AG-X.
   BPB AMERICA, INC.- PRO ROC TYPE C.
   CANADIAN GYPSUM COMPANY - TYPES C, IP-X2, IPC-AR.
   G-P GYPSUM CORP., SUB. OF GEORGIA PACIFIC CORP. - TYPE S.
   LAFARGE NORTH AMERICA, INC.- TYPES LGFC-C, LGFC-GA.
   NATIONAL GYPSUM CO. - TYPES FSW-C, FSW-X.
   PABCO GYPSUM, DIV. OF PACIFIC COAST BUILDING PROD., INC.- TYPE C OR PG-C.
   STANDARD GYPSUM, LLC. TYPE SG-C.
   TEMPLE-INLAND FOREST PRODUCTS CORP. - TYPE TG-C.
   UNITED STATES GYPSUM CO. - TYPES C, IP-X2, IPC-AR.
   USG MEXICO S A DE C.V.- TYPES C, IP-X2, IPC-AR.
3. BATTS AND BLANKETS: (OPTIONAL)
   MINERAL WOOL INSULATION, PARTIALLY OR COMPLETELY FILLING STUD CAVITY.
   THERMAFIBER LLC- TYPE SAFB.
3A. FIBER, SPRAYED:*
   AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3); SPRAY APPLIED CELLULOSE INSULATION MATERIAL. THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 3.0 LBS/FT3.
   U. S. GREENFIBER LLC- CocoonTM STABILIZED CELLULOSE INSULATION.
3B. FIBER, SPRAYED:
   AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) AND ITEM 3A- SPRAY APPLIED CELLULOSE INSULATION MATERIAL. THE FIBER IS APPLIED WITH WATER TO INTERIOR SURFACES IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. APPLIED TO COMPLETELY FILL THE ENCLOSED CAVITY. MINIMUM DRY DENSITY OF 4.3 POUNDS PER CUBIC FT.
   NU-WOOL CO., INC.- CELLULOSE INSULATION.
4. JOINTS AND NAILHEADS:
   WALLBOARD JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND.

*BEARING THE UL CLASSIFICATION MARK.

FLOOR-CEILING SYSTEMS, WOOD-FRAMED

GA FILE NO. FC 5513 — **1 HOUR FIRE**

BASE LAYER 4" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO MINIMUM 9 1/2" DEEP WOOD I-JOISTS, WITH MINIMUM 1 1/4" DEEP X 1 1/2" WIDE FLANGES AND MINIMUM 3/8" WEBS, 24" O.C. WITH 1-5/8" TYPE W OR S DRYWALL SCREWS 12" O.C. AT INTERMEDIATE I-JOISTS, 8" O.C. AT END JOINTS AND 1 1/2" TYPE G DRYWALL SCREWS 8" O.C. PLACED 2" BACK ON EITHER SIDE OF END JOINTS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS. WOOD I-JOISTS SUPPORTING 5/8" PLYWOOD WITH LONG EDGES T & g APPLIED AT RIGHT ANGLES TO I-JOISTS WITH 8d COMMON NAILS. 1 1/2" LIGHTWEIGHT CONCRETE POURED OVER PLYWOOD.

1 HOUR FIRE

APPROX. CEILING WEIGHT: 5 PSF
FIRE TEST: FM J.I. 2C2927 AC 11-23-76
FM DESIGN FC-265

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Chief Engineer: Brian Mistich, PE
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Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE
1		

SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
05-27-16
PROFESSIONAL ENGINEER

MAINSTAY SUITES

100 MAIN STREET
HWY 21 & HWY 27
HACKBERRY, LA 70645

JOB No: 2265 | DATE: APRIL, 2016
DRAWN BY: JTL | CHECKED BY: JMS

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SHEET TITLE:
BUILDING SECTIONS

DRAWING NUMBER:

A106

SHEET No: 22 of 52

PLT: MAIN - J:\1 - Projects\2016\2265 - Mainstay Hotel - Hackberry, Louisiana\Drawings\Current Drawings\A106 Building Sections.dwg PLOT DATE & TIME: Friday, May 27, 2016 10:53:10 AM