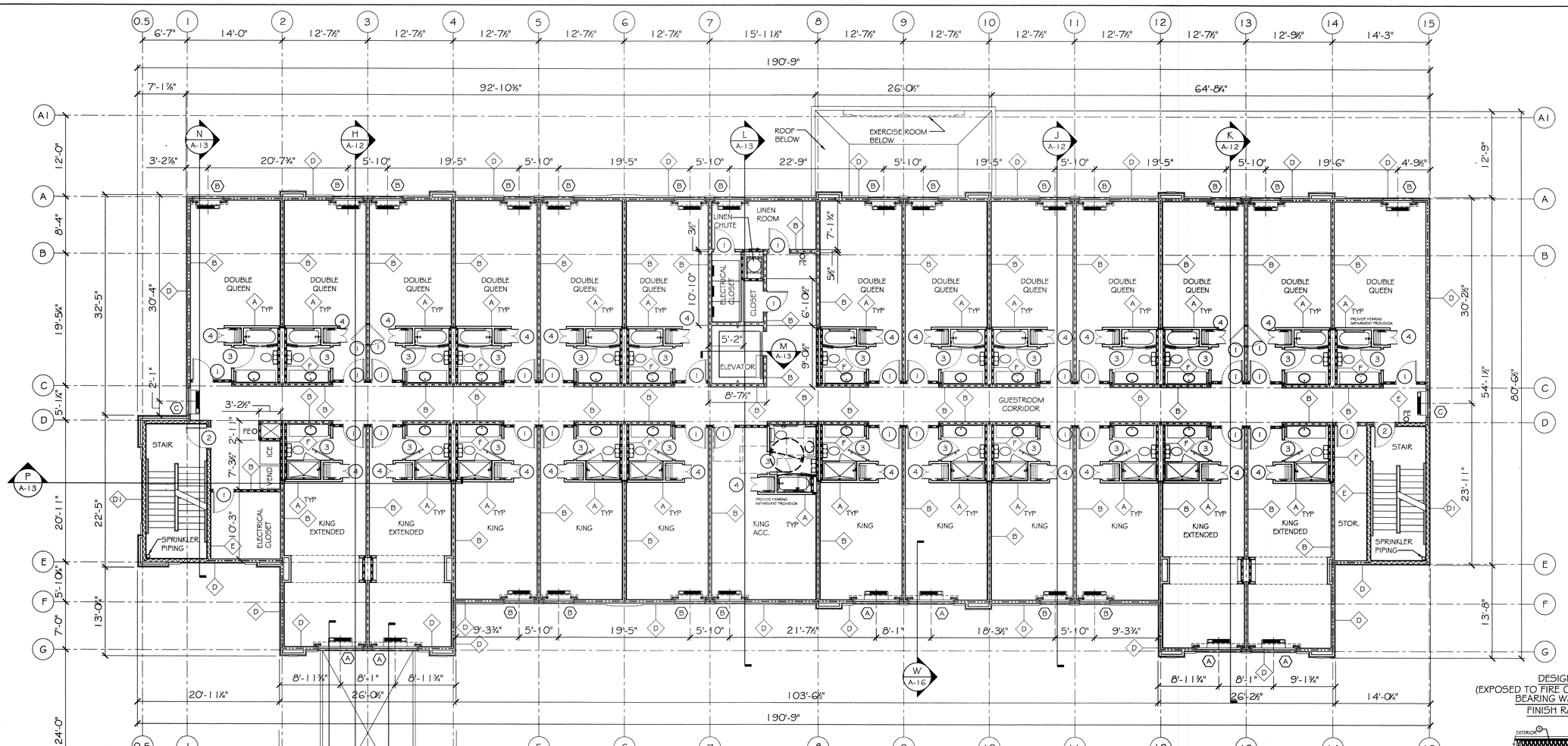


SECOND & THIRD FLOOR PLANS

SCALE: 1/8"= 1'-0" 25 GUESTROOMS EACH FLOOR

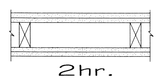
NOTE:
PRE FABRICATED ROOF, FLOOR, WALLS, BEAMS AND COLUMNS PROVIDED BY OTHERS.

NOTE: ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.

LEGEND

- 1 HOUR RATED INTERIOR WALL SEE UL# U333- THIS SHEET
- 1 HOUR RATED EXTERIOR WALL SEE UL# U356- THIS SHEET
- 2 HOUR RATED EXTERIOR WALL SEE UL# U301- THIS SHEET
- FE ○ - FIRE EXTINGUISHER

DESIGN NO. U301
BEARING WALL RATING- 2 HR.



UL U301
GA Based on WP 4135

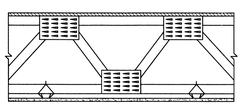
Two layers 5/8"(15.9 mm)Fire-Shield Gypsum Wallboard nail applied to 2 x 4 (38 mm x 89 mm) wood studs spaced 16"o.c. (406 mm). Boards may be applied honzontally or vertically with all joints staggered.

FLOOR-CEILING SYSTEMS, WOOD-FRAMED

GA FILE NO. FC 5515	PROPRIETARY†	1 HOUR FIRE

WOOD TRUSSES, GYPSUM WALLBOARD

One layer 5/8" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles to rigid furrng channels 24" o.c. with 1" Type S drywall screws 12" o.c. and located a minimum of 1 1/2" from joints. Gypsum board end joints located midway between continuous channels and attached to additional pieces of channel 60" long with screws 12" o.c. Rigid furrng channels applied at right angles to 12" deep parallel chord wood trusses 24" o.c. with double strand, 18 gage galvanized steel wire ties 48" o.c. Wood trusses supporting 3/4" nominal interior plywood with exterior glue, T & G edges, applied at right angles to trusses with construction adhesive and 6d nng shank nails 12" o.c. Adhesive applied to each top chord and grooved edges of plywood. End joints staggered 48".
Consult gypsum board manufacturer for truss specifications.

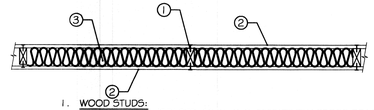


Approx. Ceiling Weight: 3 psf
Fire Test: UL R9500-1, 8ONK15492, 2-2-81; UL R2717-61, 8-18-87; UL Design L528

PROPRIETARY GYPSUM BOARD

CertainTeed Gypsum, Inc.	5/8" ProRock™ Type C Gypsum Panels
G-P Gypsum	5/8" ToughRock® Fireguard® C
Lafarge North America Inc.	5/8" Firecheck® Type C
PABCO Gypsum	5/8" FLAME CURB® Super 'C' Type C
Temple-Inland Forest Products Corporation	5/8" FIRE-RATED "T"
United States Gypsum Company	5/8 SHEETROCK® Brand Gypsum Panels, FIRECODE® C Core

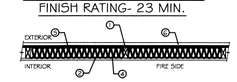
DESIGN NO. U333
BEARING WALL RATING- 1 HR.
FINISH RATING- 23 MIN.



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, AGX-C.
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 5.
LAFARGE NORTH AMERICA, INC.- TYHPES LGFC-C, LGFC-C/A.
NATIONAL GYPSUM CO.- TYPES FSW-C, FSW-G.
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 LB/FT3.
U. S. GREENFIBER LLC- COCOON 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

DESIGN NO. U356
(EXPOSED TO FIRE ON INTERIOR FACE ONLY)
BEARING WALL RATING- 1 HR.
FINISH RATING- 23 MIN.



1. WOOD STUDS: NOM 2x4 IN. SPACED 16" O.C. WITH TWO 2x4 IN. TOP PLATES AND ONE 2x4 IN. BOTTOM PLATE. STUDS LATERALLY-BRACED BY WOOD STRUCTURAL PANEL SHEATHING (ITEM 5) AND EFFECTIVELY FIRE STOPPED AT TOP AND BOTTOM OF WALL.
2. GYPSUM BOARD: ANY CLASSIFIED 5/8" THICK ,4 FT WIDE, APPLIED VERTICALLY AND NAILED TO STUDS AND BEARING PLATES 7 IN. O.C. WITH 6D COATED NAILS, 1-7/8" LONG WITH 1/4" DIAMETER HEAD.
3. JOINTS AND NAILHEADS: (NOT SHOWN) WALL BOARD JOINTS COVERED WITH TAPE AND JOINT COMPOUND. NAIL HEADS COVERED WITH JOINT COMPOUND.
4. BATTS AND BLANKETS: MINERAL FIBER OR GLASS FIBER INSULATION, 3-1/2" THICK, PRESSURE FIT TO FILL WALL CAVITIES BETWEEN STUDS AND PLATES. MINERAL FIBER INSULATION TO BE UNFACED AND TO HAVE A MIN. DENSITY OF 3 PCF. GLASS FIBER INSULATION TO BE FACED WITH ALUMINUM FOIL OR KRAFT PAPER AND TO HAVE A MIN. DENSITY OF 0.9 PCF (MIN R-13 THERMAL INSULATION RATING).
5. WOOD STRUCTURAL PANEL SHEATING: MIN. 7/16" THICK, 4FT WIDE WOOD STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING", INSTALLED WITH LONG DIMENSION OF SHEET (STRENGTH AXIS) OR FACE GRAIN OF PLYWOOD PARALLEL WITH OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2x4 IN. WOOD BLOCKING. ATTACHED TO STUDS ON EXTERIOR SIDE OF WALL WITH 6D CEMENT COATED BOX NAILS SPACED 6" O.C. AT PERIMETER OF PANELS AND 12" O.C. ALONG INTERIOR STUDS.
6. EXTERIOR FACINGS: INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS. ONE OF THE FOLLOWING EXTERIOR FACINGS IS TO BE APPLIED OVER THE SHEATING.
A. VINYL SIDING: - MOLDED PLASTIC - CONTOURED RIGID VINYL SIDING HAVING A FLAME SPREAD VALUE OF 20 OR LESS.
B. PARTICLE BOARD SIDING: HARDBOARD EXTERIOR SIDINGS INCLUDING PATTERNED PANEL OR LAP SIDING.
C. WOOD STRUCTURAL PANEL OR LAP SIDING: APA RATED SIDING, EXTERIOR, PLYWOOD, OSB OR COMPOSITE PANELS WITH VENEER FACES AND STRUCTURAL WOOD CORE, PER PS1 OR APA STANDARD PRP-108, INCLUDING TEXTURED, ROUGH SAWN, MEDIUM DENSITY OVERLAY, BRUSHED, GROOVED AND LAP SIDING.
D. CEMENTITOUS STUCCO: PORTLAND CEMENT OR SYNTHETIC STUCCO SYSTEMS WITH SELF-FURRING METAL LATH OR ADHESIVE BASE COAT. THICKNESS FROM 3/8" TO 3/4", DEPENDING ON SYSTEM.
E. BRICK VENEER: ANY TYPE ON NOM 4" WIDE BRICK VENEER. WHEN BRICK VENEER IS USED, THE RATING IS APPLICABLE WITH EXPOSURE ON EITHER FACE. BRICK VENEER FASTENED WITH CORRUGATED METAL WALL TIES ATTACHED OVER SHEATHING TO WOOD STUDS WITH 8D NAIL PER TIE: TIES SPACED NOT MORE THAN EACH SIXTH COARSE OF BRICK AND MAX 32" O.C. HORIZONTALLY. 1" AIR SPACE PROVIDED BETWEEN BRICK VENEER AND SHEATHING.
F. EXTERIOR INSULATION AND FINISH SYSTEM (EIFS): NOM 1" FOAMED PLASTIC INSULATION BEARING THE UL CLASSIFICATION MARKING, ATTACHED OVER SHEATHING AND FINISHED WITH COATING SYSTEM, OR PORTLAND CEMENT OR SYNTHETIC STUCCO SYSTEMS, IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
G. SIDING: ALUMINUM OR STEEL SIDING ATTACHED OVER SHEATHING TO STUDS.
H. FIBER CEMENT SIDING: FIBER-CEMENT EXTERIOR SIDINGS INCLUDING SMOOTH AND PATTERNED PANEL OR LAP SIDING.

DAMMON ENGINEERING INC
Architects & Engineers
dammoneng@bellsouth.net
PHONE: 985-649-3632
FAX: 985-641-9593
CHIEF ENGINEER: BRIAN MISTICH, P.E.
CHIEF ARCHITECT: KEVIN KINCHEN
554 OLD SPANISH TRAIL
SLIDELL, LA 70458

LAQUINTA INNS & SUITES
507 CONSTITUTION DRIVE
WEST MONROE, LOUISIANA 71292

JOB No: 2196 | DATE: 02-03-2014 | DRAWN BY: JTL | CHECKED BY: CKD

The above drawings and specifications, design and arrangements represented thereby are and shall remain the property of the Architect and Engineer and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specific project for which they have been prepared and developed without the written consent of Dammon Engineering. Visual contact with these drawings and specifications shall constitute prima facie evidence of acceptance of these restrictions.

REVISIONS

#	DESCRIPTION	DATE

KEVIN J. KINCHEN Reg. No. 5550 STATE OF LOUISIANA REGISTERED ARCHITECT
3/27/14

SECOND & THIRD FLOOR PLANS

SHEET No: 10 OF 53

A2