

ASCE 7-10 WIND PRESSURE SCHEDULE

Basic Wind Speed =	175 mph		Exposure Category	D
	Windows	Doors		
K _d =	1.00	1.00	Mean Eave Height	16'
GC _{p+} =	1.00	0.95	Min. Width	30'
GC _{p-} =	-1.40	-1.29	Enclosed	
K _z =	0.95	0.95	Roof Type	Mono Slope
q _z =	74.11	74.11		
Windows	H = 36"	<10	sf	Zone 4 = +40.0/-43.4 psf
	W = 38"	<10	sf	Zone 5 = +40.0/-53.6 psf
Doors	H = 80"	20	sf	Zone 4 = +38.20/-41.6 psf
	W = 36"			Zone 5 = +38.2/-50.0 psf

EXTERIOR DOOR - PRESSURE SCHEDULE ASCE 7-10

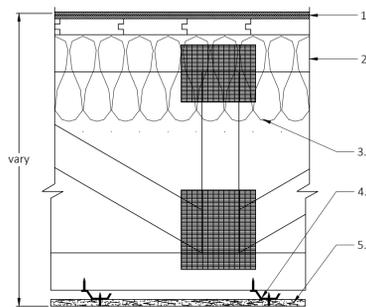
Door	QTY	OPP	WIDTH	HEIGHT	GLASS	AREA	ZONE	CAPACITY		DESIGN		REMARKS	DETAIL	NOA
								NEG PSF	POS PSF	NEG PSF	POS PSF			
1	1	OS	36	80	-	20.0	4	-70	70	-46.75	43	PGT FD 101 - CLEAR VIEW	DCPA	17-0504.01

FINISH NOTES
 FRAME SHALL BE ANODIZED ALUMN. OPERATION - OS = OUTSWING OH = OVER HEAD COILING DOOR SGD-SLINDING GLASS DOOR HR- HORIZONTAL ROLLER, FIXED
 USE ECO MULLION 17-1218.14 FOR MID SPAN HORIZONTAL SUPPORT BETWEEN E1 & E2
 DESIGN CRITERIA: WIND SPEED: 175 MPH BLDG CAT. "II" BLDG. CLASSIFICATION "ENCLOSED" EXPOSURE "C" ZONE "4&5" ROOF TYPE: FLAT MEAN HEIGHT 23'

ROOF CEILING ASSEMBLY: OPEN WEB WOOD JOIST

FIRE RATING: 1 HOUR
 STC: N/A
 SOUND TEST: N/A
 SYSTEM THICKNESS: 1-1/4"

UL Design No. P531



ASSEMBLY NOTES:

- ROOFING SYSTEM* — ANY UL CLASS A, B OR C ROOFING SYSTEM (TGFU) OR PREPARED ROOF COVERING (TFWZ) ACCEPTABLE FOR USE OVER NOM 15/32 IN. THICK WOOD STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING", NOM 15/32 IN. THICK WOOD STRUCTURAL PANELS SECURED TO TRUSSES WITH CONSTRUCTION ADHESIVE AND NO. 6D RINGED SHANK NAILS, NAILS SPACED 12 IN. OC ALONG EACH TRUSS, STAPLES HAVING EQUAL OR GREATER WITHDRAWAL AND LATERAL RESISTANCE STRENGTH MAY BE SUBSTITUTED FOR THE 6D NAILS.
- TRUSSES — PITCH OR PARALLEL CHORD TRUSSES, SPACED A MAX OF 24 IN. OC, FABRICATED FROM NOM 2 BY 4 LUMBER, WITH LUMBER ORIENTED VERTICALLY OR HORIZONTALLY. TRUSS MEMBERS SECURED TOGETHER MIN 0.0356 IN. THICK GALV STEEL PLATES. PLATES HAVE 5/16 LONG TEETH PROJECTING PERPENDICULAR TO THE PLANE OF THE PLATE. THE TEETH ARE IN PAIRS FACING EACH OTHER (MADE BY THE SAME PUNCH), FORMING A SPLIT TOOTH TYPE PLATE. EACH TOOTH HAS A CHISEL POINT ON ITS OUTSIDE EDGE. THESE POINTS ARE DIAGONALLY OPPOSITE EACH OTHER FOR EACH PAIR. THE TOP HALF OF EACH TOOTH HAS A TWIST FOR STIFFNESS. THE PAIRS ARE REPEATED ON APPROXIMATELY 7/8 IN. CENTERS WITH FOUR ROWS OF TEETH PER INCH OF PLATE WIDTH. WHERE THE TRUSS INTERSECTS WITH THE INTERIOR FACE OF THE EXTERIOR WALLS, THE MIN TRUSS DEPTH SHALL BE 5-1/4 IN. WITH A MIN ROOF SLOPE OF 3/12 AND A MIN. AREA IN THE PLANE OF THE TRUSS OF 21 SQ/FT. WHERE THE TRUSS INTERSECTS WITH THE INTERIOR FACE OF THE EXTERIOR WALLS, THE MIN TRUSS DEPTH MAY BE REDUCED TO 3 IN. IF THE BATTS AND BLANKETS (ITEM 3) ARE USED AS SHOWN IN THE ABOVE ILLUSTRATION (ALTERNATE INSULATION LACEMENT) AND ARE FIRMLY PACKED AGAINST THE INTERSECTION OF THE BOTTOM CHORDS AND THE PLYWOOD SHEATHING.
- BATTS AND BLANKETS* GLASS FIBER INSULATION, SECURED TO THE WOOD STRUCTURAL PANELS WITH STAPLES SPACED 12 IN. OC OR TO THE TRUSSES WITH 0.090 IN. DIAM GALV STEEL WIRES SPACED 12 IN. OC. ANY GLASS FIBER INSULATION BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING CHARACTERISTICS AND/OR FIRE RESISTANCE, HAVING A MIN DENSITY OF 0.5 PCF. AS AN OPTION, THE INSULATION MAY BE FITTED IN THE CONCEALED SPACE, DRAPED OVER THE RESILIENT CHANNEL/GYPSUM WALLBOARD CEILING MEMBRANE WHEN RESILIENT CHANNELS AND GYPSUM WALLBOARD ATTACHMENT IS MODIFIED AS SPECIFIED IN ITEMS 6 AND 7. THE FINISHED RATING HAS ONLY BEEN DETERMINED WHEN THE INSULATION IS SECURED TO THE DECKING.
- RESILIENT CHANNELS — RESILIENT CHANNELS FORMED OF 25 MSG THICK GALV STEEL, SPACED 16 IN. OC, INSTALLED PERPENDICULAR TO TRUSSES. WHEN BATT AND BLANKET MATERIAL, ITEM 3, IS DRAPED OVER THE RESILIENT CHANNEL/GYPSUM WALLBOARD CEILING MEMBRANE, OR WHEN INSULATION (ITEM 3C) IS APPLIED TO THE UNDERSIDE OF THE ROOFING SYSTEM (ITEM 1), THE SPACING SHALL BE 12 IN. OC. CHANNELS SECURED TO EACH TRUSS WITH 1-1/4 IN. LONG TYPE 5 STEEL SCREWS. CHANNELS OVERLAPPED 4 IN. AT SPLICES. CHANNELS ORIENTED OPPOSITE AT WALLBOARD BUTT JOINTS (SPACED 6 IN. OC) AS SHOWN IN THE ABOVE ILLUSTRATION.
- GYPSUM BOARD* — NOM 5/8 IN. THICK, 48 IN. WIDE, INSTALLED WITH LONG DIMENSION PERPENDICULAR TO RESILIENT CHANNELS WITH 1 IN. LONG TYPE 5 SCREWS SPACED 12 IN. OC AND LOCATED A MIN OF 1/2 IN. FROM SIDE JOINTS AND 3 IN. FROM THE END JOINTS. AT END JOINTS, TWO RESILIENT CHANNELS ARE USED, EXTENDING A MIN OF 6 IN. BEYOND BOTH ENDS OF THE JOINT. WHEN BATT AND BLANKET INSULATION, ITEM 3, IS DRAPED OVER THE RESILIENT CHANNEL/GYPSUM WALLBOARD CEILING MEMBRANE, SCREWS SHALL BE INSTALLED AT 8 IN. OC. WHEN INSULATION (ITEM 3C) IS INSTALLED IN THE CONCEALED SPACE, SPRAY-APPLIED TO THE UNDERSIDE OF THE ROOFING SYSTEM (ITEM 1), SCREWS ARE SPACED A MAX OF 8 IN. OC ALONG RESILIENT CHANNELS, FASTENERS ARE INCREASED IN LENGTH TO 1-1/4 IN. AND GYPSUM BOARD BUTT JOINTS SHALL BE STAGGERED MIN. 2 FT WITHIN THE ASSEMBLY, AND OCCUR BETWEEN THE MAIN FURRING CHANNELS.

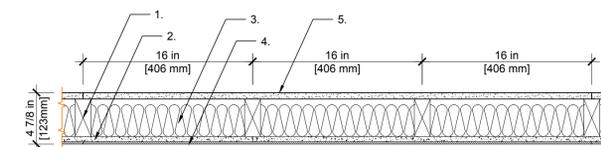
2 1 HR CEILING ASSEMBLY

A1.2 SCALE: 1-1/2"=1'-0"

INTERIOR PARTITIONS: WOOD STUD (LOAD-BEARING)

FIRE RATING: 1 HOUR
 STC: 37
 SOUND TEST: USG-840404
 SYSTEM THICKNESS: 5"

U329	1 HOUR			920576
LOAD-BEARING	WOOD STUDS	INTERIOR PARTITION	STC = 40	USG-840314



ASSEMBLY OPTIONS:

- WOOD STUDS — NOMINAL 2 IN. X 4 IN., SPACED 16 IN. OC.
- CEMENTITIOUS BACKER UNITS* — 1/2 OR 5/8 IN. THICK, INSTALLED VERTICALLY OR HORIZONTALLY WITH VERTICAL JOINTS CENTERED OVER STUDS. FASTENED TO STUDS AND PLATES WITH CORROSION RESISTANT 1-5/8 IN. LONG CHAMFERED, RIBBED WAFER HEAD SCREWS WITH A MINIMUM HEAD DIAMETER OF .400 INCH OR 1-3/4 IN. LONG HOT-DIPPED GALVANIZED ROOFING NAILS SPACED 8 IN. OC. JOINTS COVERED WITH GLASS FIBER MESH TAPE AND LATEX MODIFIED PORTLAND CEMENT MORTAR OR BASECOAT, OR TYPE I ORGANIC ADHESIVE. FINISH RATED 19 MINUTES FOR CEMENT BOARD WITH 1/4 IN. THICK TILE SET IN LATEX MODIFIED PORTLAND CEMENT MORTAR. UNITED STATES GYPSUM CO — TYPE DCB. USG MEXICO S A DE C V — TYPE DCB.
- BATTS AND BLANKETS* — MIN 3-1/2 IN. THICK MINERAL WOOL BATTS, FRICTION FIT BETWEEN STUDS TO FILL INTERIOR STUD CAVITY. INDUSTRIAL INSULATION GROUP L L C — TYPE SAFB ROCKWOOL — TYPE SAFB ROCKWOOL — TYPE AFB THERMAFIBER INC — TYPE SAFB BOND COAT FOR SETTING TILE — LATEX MODIFIED PORTLAND CEMENT MORTAR OR TYPE I ORGANIC ADHESIVE APPLIED WITH A NOTCHED TROWEL.
- CERAMIC TILE — 1/4 IN. THICK, JOINTS FILLED WITH GROUT.
- GYPSUM BOARD* — 5/8 IN. THICK, WITH SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY WITH VERTICAL JOINTS CENTERED OVER STUDS. FASTENED TO STUDS AND PLATES 7 IN. OC WITH 1-7/8 IN. LONG 6D CEMENT COATED NAILS OR 1-7/8 IN. LONG TYPE W OR S

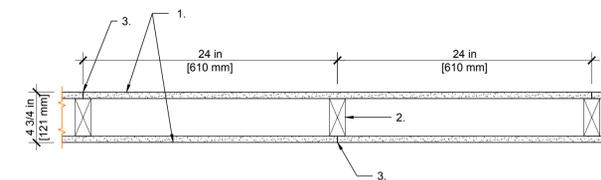
1A 1 HR RATED WALL ASSEMBLY

A1.2 SCALE: 1-1/2"=1'-0"

INTERIOR PARTITIONS WITH TILE: WOOD STUD (LOAD-BEARING)

FIRE RATING: 1 HOUR
 STC: N/A
 SOUND TEST: N/A
 SYSTEM THICKNESS: 4-3/4"

U314	1 HOUR			920422
LOAD-BEARING	WOOD STUDS	INTERIOR PARTITION	N/A	N/A



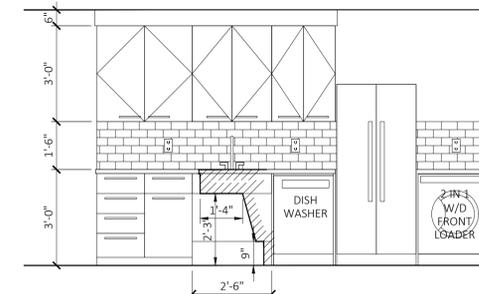
ASSEMBLY OPTIONS:

- 5/8 IN. THICK, 24 TO 54 IN. WIDE. GYPSUM BOARDS NAILED TO STUDS AND BEARING PLATES 7 IN. OC WITH 6D CEMENT COATED NAILS 1-7/8 IN. LONG, 0.0915 IN. SHANK DIAM AND 1/4 IN. DIAM HEAD. WHEN USED IN WIDTHS OTHER THAN 48 IN., GYPSUM PANELS TO BE INSTALLED HORIZONTALLY.
- 2 IN. X 4 IN. WOOD STUDS SPACED MAX. 24 IN. O.C.

GENERAL NOTE:
 JOINTS AND NAILHEADS: EXPOSED JOINTS COVERED WITH JOINT COMPOUND AND PAPER NAILHEADS COVERED WITH JOINT COMPOUND. JOINT COMPOUND AND PAPER TAPE MAYBE OMITTED WHEN SQUARE EDGE BOARDS ARE USED. AS AN ALTERNATE, NOM 3/32 IN. THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD WITH THE JOINTS REINFORCED WITH PAPER TAPE.

1B 1 HR RATED WALL ASSEMBLY

A1.2 SCALE: 1-1/2"=1'-0"



3 GALLEY KITCHEN ELEVATION

A1.2 SCALE: 8/8"=1'-0"



FANJUL & ASSOCIATES, LLC
 ARCHITECTURE, PLANNING & INTERIOR DESIGN

AA26000725

ARTURO G. FANJUL, RA
 PRESIDENT

165 MADEIRA AVE. SUITE 7
 CORAL GABLES, FLORIDA 33134

PH. 305 726.8313
 FAX 305 356.3686

arturo@fanjularchitects.com

"A BETTER LIFE THROUGH DESIGN"

ARTURO G. FANJUL AROO17585
 STATE OF FLORIDA REGISTERED ARCHITECT

CONSTRUCTION DOCUMENTS FOR:

CHANGE OF USE
 R2 TO R1
 APARTMENT HOTEL
 IMPROVEMENTS

226 JEFFERSON AVENUE
 MIAMI BEACH, FL 33139
 FOLIO:02-4203-009-5780

DETAILS

REVISION	NO.

DATE: 3/15/2019
 SCALE: AS NOTED
 DRAWN: AGF
 CHECKED: AGF
 JOB NO. 18-0902
 PERMIT NO.

OWNERSHIP
 OF THESE DOCUMENTS & SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT WHETHER THE PROJECT THEY ARE MADE FOR IS EXECUTED OR NOT. THEY SHALL NOT BE USED BY OWNER OR OTHERS ON OTHER PROJECTS OR FOR ADDITIONS TO THIS PROJECT BY OTHERS, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

A1.2

NEW SHEET 6/28/2019