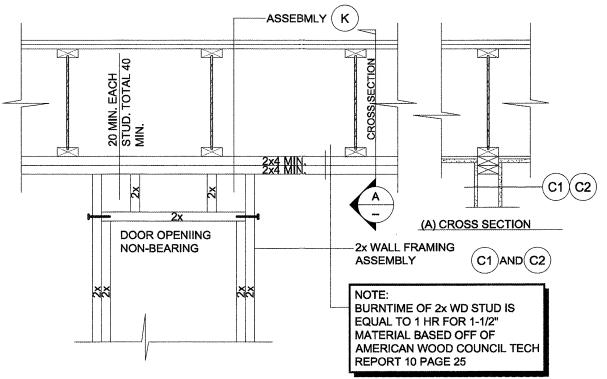
ALL ASSEMBLIES THIS SHEET MUST BE INSTALLED PER ASSEMBLY NUMBER LISTED ON DRAWING. ANY SUBSTITUTIONS TO ASSEMBLIES MUST BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL. SUBJECT TO LOCAL APPROVAL



INT. SUITE WALLS (RATED NON-LOADBEARING)

TIME ASSIGNMENT

FIRE RATED ASSEMBLY FOR WOOD

5/8" TYPE 'X' = 40 MINUTES.

INTERIOR WALL

(DRAFT STOP/SMOKE BARRIER)

SCALE: N.T.S.

WALL/FLOOR INTERSECTION

TOTAL = 60 MINUTES

PER CHAPTER 7

10d AT 6" o.c. -

NO INSULATION IN

PROVIDE DRAFT-

STOP AT NON SHEAR COND.

(2) 2x6 TOP -PLATE U.O.N.

THIS AREA

CONSTRUCTION SECTION 721.6 AND 721.6.2.1 AND TABLE 721.6.2(1) (ATTACHMENTS PER SECTION 23) SOLID 2X BLKN'G = 20 MINUTES

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- STUD WALL PER

SHEAR WALLS

SUBFLOOR SHT'G

SHEARWALL SCHED OR

16d AT 16" o/c FOR NON

- MANUF WOOD I-JOISTS,

BLOCKING, NAILING PER

JOIST MANUF REQMNTS.

- DRAFT STOP TO BE EITHER 1/2" PLYWOOD OR 5/8" TYPE "X" GYP. TIGHT FIT ALL JOINTS EITHER SIDE.

SHEARWALL PANELS

BOUNDARY / PANEL EDGE MEMBER FOR

SHEARWALLS

PER STRUCT.

STRUCT. NAILING PER

EDGES IN MODERATE CONTACT. MODERATE CONTACT MEANS THAT THE EDGES ARE ESSENTIALLY TOUCHING EACH OTHER. IT IS POSSIBLE FOR THE GYPSUM BOARD EDGES TO BE IN MODERATE CONTACT YET NOT TOUCH ALONG THE ENTIRE LENGTH OF THE JOINT. THEREFORE, IN GYPSUM BOARD SYSTEMS RATED FOR FIRE, SOUND, OR SHEAR, SMALL GAPS SPACED SPORADICALLY ALONG THE JOINT ARE ACCEPTABLE AS LONG AS THE BOARD EDGES ARE ESSENTIALLY TOUCHING ONE ANOTHER. GAPS UP TO 1/4" MUST BE FILLED WITH A THROUGH-PENETRATION SEALANT (FIRE CAULK). GAPS OVER 1/2" ARE NOT ACCEPTABLE.

JOINTS BETWEEN GYPSUM BOARDS IN SYSTEMS RATED FOR FIRE, SOUND, OR SHEAR MUST BE CONSTRUCTED WITH THE GYPSUM BOARD

708.4 CONTINUITY. FIRE PARTITIONS SHALL EXTEND FROM THE TOP OF THE FLOOR ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SLAB OR DECK ABOVE OR TO THE FIRE-RESISTANCE-RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLY ABOVE, AND SHALL BE SECURELY ATTACHED THERETO. IF THE PARTITIONS ARE NOT CONTINUOUS TO THE DECK, AND WHERE CONSTRUCTED OF COMBUSTIBLE CONSTRUCTION, THE SPACE BETWEEN THE CEILING AND THE DECK ABOVE, WHERE CONSTRUCTED OF COMBUSTIBLE CONSTRUCTION, SHALL BE FIRE BLOCKED OR DRAFT STOPPED IN ACCORDANCE WITH SECTIONS 717.2.1 AND 717.3.1 AT THE PARTITION LINE. THE SUPPORTING CONSTRUCTION SHALL BE PROTECTED TO AFFORD THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL SUPPORTED, EXCEPT FOR TENANT AND SLEEPING UNIT SEPARATION WALLS AND EXIT ACCESS CORRIDOR WALLS IN BUILDINGS OF TYPE IIB, IIIB AND VB CONSTRUCTION.

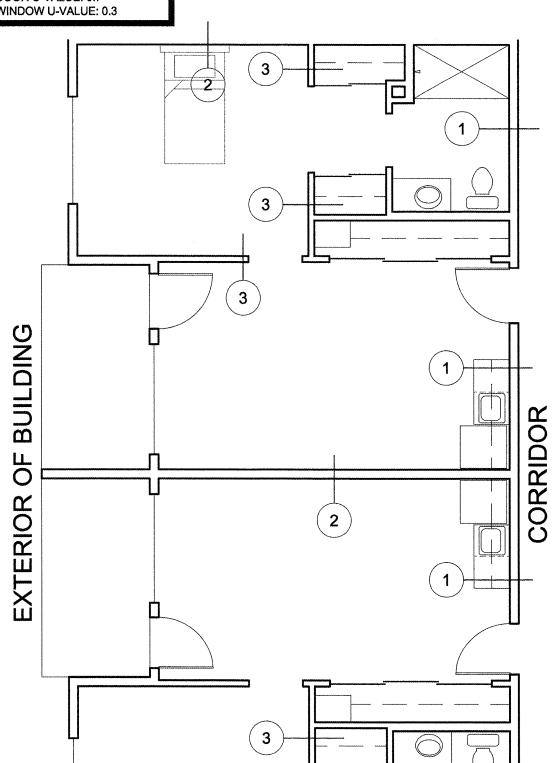
717.3 DRAFT STOPPING IN FLOORS. IN COMBUSTIBLE CONSTRUCTION, DRAFT STOPPING SHALL BE INSTALLED TO SUBDIVIDE FLOOR/CEILING ASSEMBLIES IN THE LOCATIONS PRESCRIBED IN SECTIONS 717.3.2 THROUGH 717.3.3

717.3.1 DRAFT STOPPING MATERIALS. DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 0.5-INCH (12.7 mm) GYPSUM BOARD, 0.375-INCH (9.5 mm) WOOD STRUCTURAL PANEL, 0.375-INCH (9.5 mm) PARTICLEBOARD, 1-INCH (25-mm) NOMINAL LUMBER, CEMENT FIBERBOARD, BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER, OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. THE INTEGRITY OF DRAFT STOPS SHALL BE MAINTAINED.

BURNTIME OF 2x WD STUD IS EQUAL TO 1 HR FOR 1-1/2" MARERIAL BASED ON AMERICAN WOOD COUNCIL TECH REPORT 10 PAGE 25

1 HOUR WALL ASSEMBLY MEETS 1 HOUR FLOOR/ CEILING ASSEMBLY RATING DOES NOT CHANGE RATING. RATING IS MORE BASED OFF BURN TIME OF NON LOAD BEARING LEDGER BASED OFF THE FOLLOWING

-WALLS: R-21 -ROOF/ATTIC: R-49 -SLAB: VERT. R-10 FOR 24" -DOOR U-VALUE: 0.7 -WINDOW U-VALUE: 0.3



5/8" TYPE 'X' = 40 MINUTES. TOTAL = 60 MINUTES PER CHAPTER 7 (B)-1" GYP. CRETE 1-1/8" PLY. RIM 3/4" T&G PLY. - FLOOR JOIST PER PLAN

TIME ASSIGNMENT

(ATTACHMENTS PER SECTION 23)

FIRE RATED ASSEMBLY FOR WOOD CONSTRUCTION

SECTION 721.6 AND 721.6.2.1 AND TABLE 721.6.2(1)

1" TOTAL THICKNESS OF PLYWD RATED AS THE EQUIVALENT OF (2) LAYERS, 1/2" EACH AT 10 MIN. = 20

- 2x BLOCKING

C2 SHEAR WALL, WHERE OCCURS SECTION AT CORRIDOR

(ALL TRADES TO COORDINATE AVAILABLE SPACE) SCALE: 1-1/2" = 1'-0"

- NON-RATED T-BAR CEILING-WHERE OCCURS

TYPICAL SUITES (PLAN VIEW)

2

DATE

ENCE JE 04103

ND ESIDI

PORT
RETIREMENT
802 OCEAN AVE. POF

8/28/2015 **REVISED DATE**

SHEET

A7.1c