

SUMMARY OF FIRE RATINGS

MECHANICAL SEPARATION WALLS: 1 HOUR UL U419
 STAIR AND ELEVATOR SHAFT ENCLOSURES: 2 HOURS UL U415, U419

FIRE SAFING & FIRE STOPPING: PROVIDE FIRE SAFING SYSTEM/MATERIAL AT ALL PENETRATIONS THRU FIRE RATED ASSEMBLIES. COORDINATE PROPOSED SYSTEMS & MATERIALS FOR APPROPRIATENESS & COMPATIBILITY W/OTHER BLDG. SYSTEMS, TYPE OF SYSTEM PENETRATED, AND APPLICATION.

FIRE DAMPERS: PROVIDE APPROPRIATELY RATED FIRE DAMPERS AT ALL LOCATIONS WHERE MECHANICAL VENTILATION DUCTS PENETRATE THE RATED ASSEMBLIES.

GENERAL PARTITIONING AND PARTITION SCHEDULE NOTES

- 1) PROVIDE MOISTURE RESISTANT TYPE "MAY" GWB AT ALL WALL AND CEILING SURFACES WITHIN ALL BATHROOMS AND JANITORS CLOSETS. PROVIDE TYPE "MAY" GWB TO 4'-0" A.F.F. BEHIND ALL SINK LOCATIONS. TYPICAL. PROVIDE CEILING SUPPORT CHANNELS @ 16" O.C. AT ALL LOCATIONS WHERE MEX BOARD IS USED ON CEILING PER ASIM STANDARDS.
- 2) BRACE WALL ASSEMBLIES TO STRUCTURE ABOVE AT ALL DOORS AND ELSEWHERE AS REQUIRED.
- 3) PROVIDE SOUND BLOCKING AS INDICATED ON DRAWINGS AND AS REQUIRED BY MANUFACTURER'S EQUIPMENT (KITCHEN CASING/K, TOILET & BATH ACCESSORIES, CLOSET RODS & SHELVING, AND H.C. CABIN BARS).
- 4) REFERENCE DOOR AND WINDOW SCHEDULES FOR ADDITIONAL INFORMATION. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 5) PROVIDE CONTINUOUS ACOUSTICAL SEALANT ALONG ALL PERIMETER BUILDING EDGES, UNIT SEPARATION WALLS, AND UNIT/CORRIDOR WALLS BETWEEN GWB AND THE SURROUNDING FLOOR, WALL, AND CEILING ELEMENTS.
- 6) PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT ALL PENETRATIONS (I.E. ELECTRICAL BOXES, DUCTS, SPRINKLER HEADS, ETC.) IN WALLS, FLOORS, AND CEILING. PROVIDE FIRE RATED SEALANT AT FIRE RATED WALL ASSEMBLIES, H/LTI OR EQUAL.
- 7) WHEN WALL DEVICES (I.E. ELECTRICAL OUTLETS, PIPES, TELEPHONE JACKS, ETC.) OCCUR IN UNIT SEPARATION WALL, PROVIDE CONTINUOUS ACOUSTICAL SEALANT ALONG ALL PERIMETER EDGES AND BRACKS OF DEVICES.
- 8) WHEN WALL PENETRATIONS (I.E. ELECTRICAL OUTLETS, PIPES, TELEPHONE JACKS, ETC.) OCCUR ON OPPOSITE SIDES OF UNIT SEPARATION WALL, OFFSET PENETRATION BY AT LEAST ONE STUD CENTER.
- 9) PROVIDE SILL SEALER INSULATION FOR BOTH TOP AND BOTTOM TRACKS OF PARTITION FOR UNIT SEPARATION WALLS AND UNIT/CORRIDOR SEPARATION WALLS, TYPICAL.

PARTITION TAG LEGEND

FIRE RATING SCHEDULE:	STUD SIZE SCHEDULE:	INSULATION THICKNESS (WHEN NOTED):
NON RATED PARTITION	X = NO STUD USED	NO INSULATION USED (U.N.O.)
1 HOUR FIRE RATED PARTITION	1 = 1 5/8" STUD	1" INSULATION (U.N.O.)
2 HOUR FIRE RATED PARTITION	2 = 2 1/2" STUD	2 1/2" INSULATION (U.N.O.)
3 HOUR FIRE RATED PARTITION	3 = 3 5/8" STUD	3 1/2" INSULATION (U.N.O.)
	4 = 4" STUD	2 1/2" INSULATION (U.N.O.)
	6 = 6" STUD	3 1/2" INSULATION (U.N.O.)
	8 = 8" STUD	3 1/2" INSULATION (U.N.O.)

A3 = TYPE "X" PARTITION USING 3 5/8" STUDS
 INDICATES STUD SIZE (SEE STUD SIZE SCHEDULE ABOVE)
 INDICATES PARTITION TYPE (SEE PARTITION TYPE SCHEDULE)

PARTITION TYPE SCHEDULE

WALL TYPE	GENERAL WALL TYPE DESCRIPTION	GENERAL PICTORIAL
	METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONT. ACOUSTICAL INSULATION. (1) LAYER 5/8" TYPE "X" GWB FULL HEIGHT TAGGED SIDE ONLY. STC RATING OF ASSEMBLY = 54+1=54	
	METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONT. ACOUSTICAL INSULATION. (1) LAYER 5/8" TYPE "X" GWB EACH SIDE. STC RATING OF ASSEMBLY = 54	
	METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONT. ACOUSTICAL INSULATION. 7/8" FLOORING CHANNELS @ 16" O.C. HORIZONTALLY EACH SIDE. (1) LAYER 5/8" TYPE "X" GWB FULL HEIGHT EACH SIDE. STC RATING OF ASSEMBLY = 54+10=64	
	METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONT. ACOUSTICAL INSULATION. (2) LAYERS 5/8" TYPE "X" GWB SEALED TIGHT TO UNDERSIDE OF DECK EACH SIDE. STC RATING OF ASSEMBLY = 52	
	C-H STUD SHAFT WALL FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONTINUOUS ACOUSTICAL INSULATION. TAGGED SIDE: (1) LAYER OF 5/8" TYPE "X" GWB ON OUTSIDE OF C-H STUD SHAFT WALL FRAMING, FULL HEIGHT. (2) LAYER OF 5/8" TYPE "X" GWB FULL HEIGHT, TAGGED SIDE ONLY. OPPOSITE SIDE: (1) 5/8" METAL STUD GIBRING @ 16" O.C. TO UNDERSIDE OF DECK (1) LAYER OF 5/8" TYPE "X" GWB FULL HEIGHT, TAGGED SIDE ONLY. CONTINUOUS 1" FIRE RATED LINER PANELS ON THE INTERIOR SHAFT SIDE, FULL HEIGHT. 1 HOUR FIRE RATED ASSEMBLY EQUAL TO UL DESIGN U415. STC RATING OF ASSEMBLY = 52+1+5=58	
	METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK. INTERNAL BRACING MAX. SPACING 60". TAGGED SIDE: (1) LAYER OF 5/8" TYPE "X" GWB SEALED TIGHT TO THE UNDERSIDE OF THE DECK W/ CONT. ACOUSTICAL INSULATION. OPPOSITE SIDE: (1) FIRE RATED LINER PANELS, CONTINUOUS ON INTERIOR SHAFT SIDE W/ CONT. ACOUSTICAL INSULATION. SEE PLANS AND DETAILS. 2 HOUR FIRE RATED ASSEMBLY SIMILAR TO UL DESIGN U436. STC RATING OF ASSEMBLY = 57+3=60	
	METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK. INTERNAL BRACING MAX. SPACING 60". TAGGED SIDE: (1) LAYER OF 5/8" TYPE "X" GWB SEALED TIGHT TO THE UNDERSIDE OF THE DECK W/ CONT. ACOUSTICAL INSULATION. OPPOSITE SIDE: (1) FIRE RATED LINER PANELS, CONTINUOUS ON INTERIOR SHAFT SIDE W/ CONT. ACOUSTICAL INSULATION. SEE PLANS AND DETAILS. 1 HOUR FIRE RATED ASSEMBLY SIMILAR TO UL DESIGN U420. STC RATING OF ASSEMBLY = 52+6=58	
	C-H STUD SHAFT WALL FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONT. ACOUSTICAL INSULATION. TAGGED SIDE: (1) LAYER OF 5/8" TYPE "X" GWB ON OUTSIDE OF C-H STUD SHAFT WALL FRAMING, FULL HEIGHT. 7/8" FLOORING CHANNELS @ 16" O.C. HORIZONTALLY TO UNDERSIDE OF DECK. (1) LAYER OF 5/8" TYPE "X" GWB FULL HEIGHT, TAGGED SIDE ONLY. OPPOSITE SIDE: CONTINUOUS 1" FIRE RATED LINER PANELS ON THE INTERIOR SHAFT SIDE, FULL HEIGHT. 1 HOUR FIRE RATED ASSEMBLY EQUAL TO UL DESIGN U415. STC RATING OF ASSEMBLY = 52+1+5=58	

PARTITION TYPE SCHEDULE

WALL TYPE	GENERAL WALL TYPE DESCRIPTION	GENERAL PICTORIAL
	METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONT. ACOUSTICAL INSULATION. 7/8" FLOORING CHANNELS @ 16" O.C. HORIZONTALLY, TAGGED SIDE ONLY. (2) LAYERS 5/8" TYPE "X" GWB SEALED TIGHT TO UNDERSIDE OF DECK EACH SIDE. 2 HOUR FIRE RATED ASSEMBLY EQUAL TO UL DESIGN U423. STC RATING OF ASSEMBLY = 61	
	C-H STUD SHAFT WALL FRAMING @ 16" O.C. TO UNDERSIDE OF DECK W/ CONTINUOUS ACOUSTICAL INSULATION. CONT. 1" FIRE RATED LINER PANELS ON THE INTERIOR SHAFT SIDE, FULL HEIGHT. (1) LAYER OF 5/8" TYPE "X" GWB ON OUTSIDE OF C-H STUD SHAFT WALL FRAMING, FULL HEIGHT. 1 HOUR FIRE RATED ASSEMBLY EQUAL TO UL DESIGN U415. STC RATING OF ASSEMBLY = 52	

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REVISIONS

Description:	Date:

Drawing Title:
PARTITION SCHEDULE

Scale: NONE
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