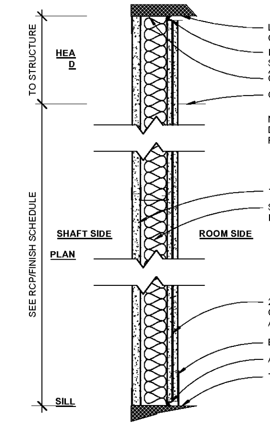

2L_2 2HR SHAFT PARTITION

2 1/2", 4", 6" C-H STUDS

2L22 | 2L42 | 2L62

WALL THICKNESS:	3 3/4", 5 1/4", 7 1/4"
FIRE TEST:	UL DESIGN NO. U415 SYSTEM B - 2 HOUR
SOUND TEST:	NGC 2507, 7-21-75 - 45 STC

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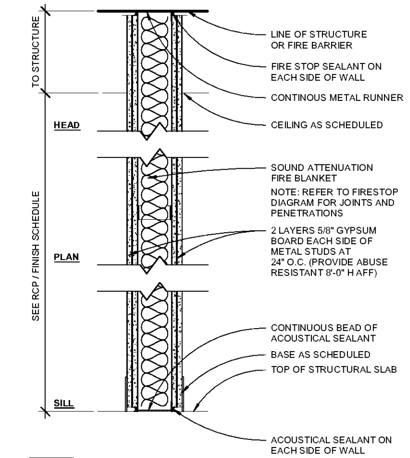

2B_ 2HR PARTITION

2 1/2", 3 5/8", 6", 8" STUDS

2B22 | 2B33 | 2B63 | 2B83

WALL THICKNESS:	5" / 6 1/8" / 8 1/2" / 10 1/2"
FIRE TEST:	UL DESIGN NO. U411 - 2 HOUR
SOUND TEST:	USG 40818 - STC N/A FOR 2B22

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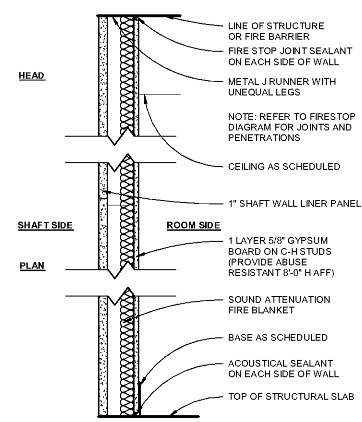

1L_2 1HR SHAFT PARTITION

2 1/2", 4", 6" C-H STUD

1L22 | 1L42 | 1L62

WALL THICKNESS:	3 1/8" ; 4 5/8"; 6 5/8"
FIRE TEST:	UL DESIGN NO. U415 SYSTEM A - 1 HOUR
SOUND TEST:	NGC 2542 5-11-76 - 40 STC

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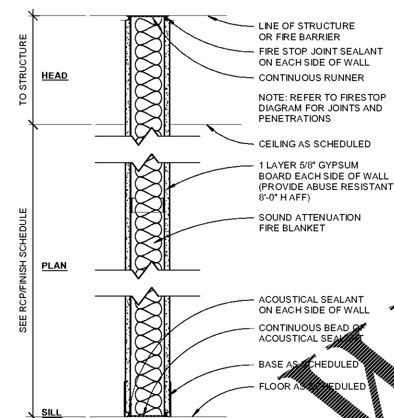

1A_3 1 HR PARTITION

3 5/8", 6", 8" STUDS

1A33 | 1A63 | 1A83

WALL THICKNESS:	4 7/8" / 7 1/4" / 9 1/4"
FIRE TEST:	UL DESIGN NO. U465 - 1 HOUR
SOUND TEST:	NRCC #66-1968, LBF 47 STC

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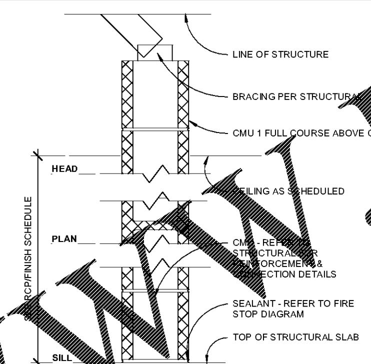

XP_ PARTIAL HEIGHT CMU PARTITION

4", 6", 8", 12"

STC RATING :	-
STUD WIDTH:	4", 6", 8", 12"
WALL THICKNESS:	3 5/8", 5 5/8", 7 5/8", 11 5/8"
FIRE RATING:	0

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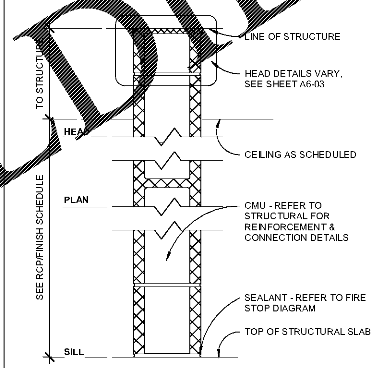

XM_ NON-RATED FULL HT. CMU PART.

* INDICATES CELLS FILLED WITH SPRAY FOAM INSULATION

SM_ SMOKE-RATED CMU PARTITION

* INDICATES CELLS FILLED WITH SPRAY FOAM INSULATION

1M_ 1HR. CMU PARTITION

* INDICATES CELLS FILLED WITH SPRAY FOAM INSULATION

2M_ 2HR. CMU PARTITION

* INDICATES CELLS FILLED WITH SPRAY FOAM INSULATION

STC RATING :	-
STUD WIDTH:	4", 6", 8", 12"
WALL THICKNESS:	3 5/8", 5 5/8", 7 5/8", 11 5/8"
FIRE RATING:	0 / 1HR / 2HR (UL DESIGN NO. U905)

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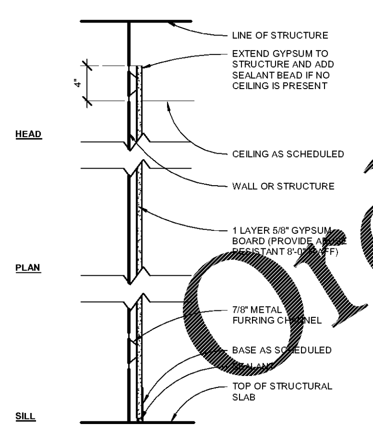

XG FURRING FC PARTITION

7/8" FURRING CHANNEL

WALL THICKNESS:	1 1/2"
FIRE TEST:	N/A
SOUND TEST:	N/A

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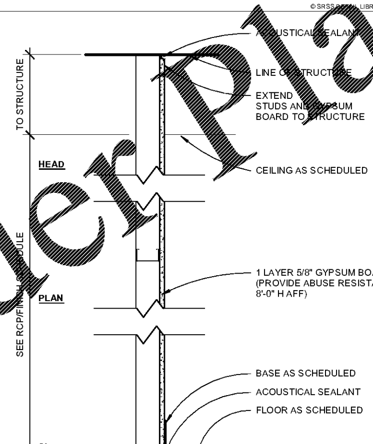

XF_X FURRING PARTITION

1 5/8", 2 1/2", 3 5/8", 6" STUDS

XF1X | XF2X | XF3X | XF6X

WALL THICKNESS:	2 1/4" / 3 1/8" / 4 1/4" / 6 5/8"
FIRE TEST:	N/A
SOUND TEST:	N/A

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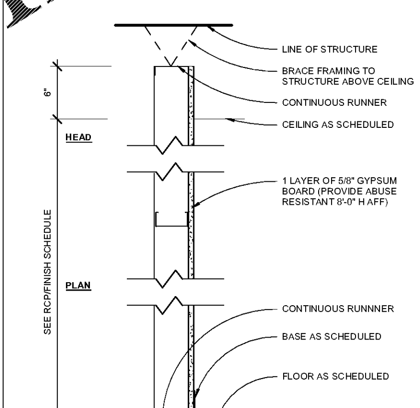

XD_X NON-RATED PARTITION

3 5/8", 6" STUDS

XD3X | XD6X

WALL THICKNESS:	4 7/8" | 7 1/4"
FIRE TEST:	N/A
SOUND TEST:	N/A

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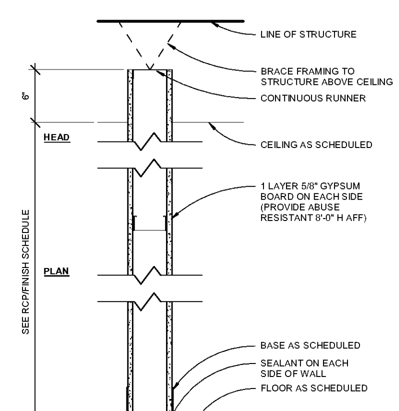

XC_X NON-RATED PARTITION

2 1/2", 3 5/8", 6", 8" STUD

XC2X | XC3X | XC6X | XC8X

WALL THICKNESS:	3 3/4" / 4 7/8" / 7 1/4" / 9 1/4"
FIRE TEST:	N/A
SOUND TEST:	N/A

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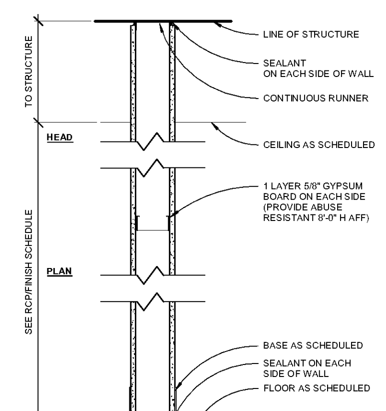

XA_X NON-RATED PARTITION

2 1/2", 3 5/8", 6", 8" STUD

XA2X | XA3X | XA6X | XA8X

WALL THICKNESS:	3 3/4" / 4 7/8" / 7 1/4" / 9 1/4"
FIRE TEST:	N/A
SOUND TEST:	N/A

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FIRESTOPPING REQUIREMENTS

REFER TO SPECIFICATIONS SECTION 078400
FOR FIRESTOPPING MATERIALS

PARTITION LEGEND

NON-RATED PARTITION

SMOKE PARTITION

1 HOUR RATED PARTITION

2 HOUR RATED PARTITION

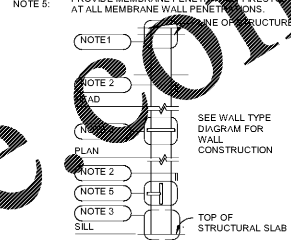
NOTE 1: PROVIDE FIRE RESISTANT HEAD OF WALL JOINT SYSTEMS AT INTERSECTION OF FIRE RATED WALLS WITH UNDERSIDE OF STRUCTURE ABOVE.

NOTE 2: PROVIDE FIRE RESISTANT JOINT SYSTEMS AT ALL INTERSECTIONS OF DISSIMILAR FIRE RATED WALLS. PROVIDE FIRE RESISTANT JOINT SYSTEMS AT ALL INTERSECTIONS AT FIRE RATED WALLS AND FIRE RATED STRUCTURAL MEMBERS.

NOTE 3: PROVIDE FIRE RESISTANT JOINT SYSTEM AT INTERSECTION OF FIRE RATED WALL AND STRUCTURAL EXPANSION JOINT. REFER TO PLANS FOR LOCATIONS. PROVIDE ACOUSTICAL SEALANT BEAD AT BOTH FACES OF WALL AT INTERSECTION WITH FLOOR AT ALL OTHER LOCATIONS.

NOTE 4: PROVIDE THROUGH PENETRATION FIRE STOP SYSTEMS AT ALL THROUGH WALL PENETRATIONS.

NOTE 5: PROVIDE MEMBRANE PENETRATION FIRESTOP SYSTEMS AT ALL MEMBRANE WALL PENETRATIONS.



FIRE STOP DIAGRAM

WALL TYPES GENERAL NOTES

1. DO NOT SCALE DRAWINGS.
2. PROVIDE RATED WALLS ACCORDING TO THE FULL REQUIREMENT OF THE INDICATED TEST NUMBER.
3. INCREASE METAL STUD GAUGE AND/OR DECREASE METAL STUD O.C. SPACING SO AS NOT TO EXCEED L/240 DESIGN CRITERIA. MIN STUD GAUGE = 25. BRACE METAL STUDS TO STRUCTURE AS REQUIRED.
4. REFER TO THE REFLECTED CEILING PLANS FOR INDICATION OF WHICH NON-RATED PARTITIONS EXTEND TO CEILING HEIGHT OR TO UNDERSIDE OF STRUCTURE.
5. WHERE NON-RATED PARTITIONS DO NOT EXTEND TO STRUCTURE, STOP GWB 6" ABOVE CEILING AND EXTEND OR BRACE METAL STUDS TO STRUCTURE.
6. PROVIDE FIRE RESISTANT GWB WHERE REQUIRED BY RATED ASSEMBLIES.
7. APPLY SEALANT TO ENTIRE PARTITION PERIMETER AND PENETRATIONS PER MANUFACTURER'S RECOMMENDATIONS.
8. APPLY SEALANT TO THE PARTITION PERIMETER AND ALL PENETRATIONS PER MANUFACTURER'S RECOMMENDATIONS AT ALL PRESSURIZED SHAFTS AND STAIRWAY PARTITIONS.
9. STAGGER ELECTRICAL, COMMUNICATION, AND CATV OUTLETS 12" MINIMUM AT ALL STC RATED PARTITIONS.
10. PROVIDE IN-WALL BLOCKING FOR MILLWORK, ARTWORK, FURNISHINGS, HARDWARE, WALL STOPS, TOILET ACCESSORIES, WALL BUMPERS, GRAB BARS, DRAPERIES, STONEWORK, CLOSET RODS, AND MODULAR OFFICE WALLS.
11. UL DESIGN NUMBERS (I.E. UL DES. U905) REFERENCE THE LATEST EDITION OF THE FIRE RESISTANCE DIRECTORY, VOL. 1A. PUBLISHED BY UNDERWRITERS LABORATORIES INC. OR BY OTHER LABORATORIES A NAMED IN THE DRAWINGS.
12. CONTRACTOR SHALL SEAL ALL THROUGH PENETRATIONS OF RATED PARTITIONS WITH SEALANT APPROVED BY THE BUILDING OFFICIAL - REFER TO M.E.P. DRAWINGS FOR TYPICAL PENETRATION DETAILS.
13. CONTRACTOR SHALL IDENTIFY ALL SMOKE RATED AND/OR FIRE RATED PARTITIONS WITH PAINTED STENCILS ABOVE THE CEILING.
14. USE A DEFLECTION TRACK FOR TOP RUNNERS OF METAL STUD PARTITIONS THAT EXTEND TO UNDERSIDE OF STRUCTURAL DECK WHERE THE DEFLECTIONS OF THE STRUCTURE ABOVE THE PARTITION EXCEEDS 1/2".
15. PARTITION HEIGHT INDICATED "TO STRUCTURE" SHALL BE CARRIED TO UNDERSIDE OF METAL DECK, PRECAST, OR CAST-IN-PLACE CONCRETE SLAB.
16. REFER TO PARTITION LEGEND FOR ALL SYMBOLS.
17. ALL DIMENSIONS ARE FROM FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION.
18. ALIGN CENTER LINE OF PARTITION WITH CENTER LINE OF MULLION OR COLUMN AS SHOWN ON PLAN UNLESS OTHERWISE NOTED. PROVIDE NEOPRENE CLOSURE AS NECESSARY.
19. VERIFY ALL DIMENSIONS SHOWN ON PLAN AS EXISTING OR NEW, AND NOTIFY THE ARCHITECTS OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
20. REINFORCE METAL STUDS OF PARTITIONS WITH CONTINUOUS METAL STRAPPING FOR WALL-HUNG AND OTHER MILLWORK OR EQUIPMENT.
21. COORDINATE PARTITION LAYOUT WITH MECHANICAL, ELECTRICAL, AND PLUMBING WORK. NOTIFY ARCHITECT TO RESOLVE CONFLICTS.
22. VERIFY LOCATIONS AND SIZES OF ALL FREESTANDING, UNDERCOUNTER AND BUILT-IN EQUIPMENT.
23. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND SYMBOLS.
24. VERIFY LOCATIONS OF ALL FIRE EXTINGUISHER CABINETS, RECESSED OR SURFACE MOUNTED.
25. COORDINATE LOCATIONS OF FIRE PULL STATIONS AND FIREMAN'S TELEPHONE WITH INTERIOR FINISHES.
26. VERIFY ALL THERMOSTAT LOCATIONS WITH ARCHITECT FOR COORDINATION WITH FINISHES.
27. REFER TO ELECTRICAL DRAWINGS FOR POWER, TELEPHONE AND DATA OUTLET LOCATIONS.
28. ALL PENETRATIONS IN DRYWALL CONSTRUCTION ABOVE FINISHED CEILING SHALL BE SEALED TO PREVENT SOUND LEAKAGE AND FIRE PROTECTION WITH FIRE SAFING INSULATION.
29. SEAL ALL SOUND PARTITIONS WITH ACOUSTICAL SEALANT AT BASE, HEAD, AND ALL PENETRATIONS AS REQUIRED TO MEET STC RATINGS..
30. ENCLOSE THE TOPS OF ALL PARTIAL HEIGHT PARTITIONS.
31. FLOOR ASSEMBLIES TO HAVE IIC RATING (IMPACT INSULATION CLASS) OF NOT LESS THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTME 492.

PARTITION DESIGNATION LEGEND

XA3X — FRAMING DESIGNATION; INSULATION; TYPE; HOURLY FIRE RATING

RATING
1,2,3,4 = FIRE RATING
X = NON-RATED
S=SMOKE

FRAMING DESIGNATION
1 = 1 5/8" STUDS
2 = 2 1/2" STUDS OR 2 1/2" C-H STUDS
3 = 3 5/8" STUDS
4 = 4" STUDS OR 4" C-H STUDS
6 = 6" STUDS OR 6" C-H STUDS
8 = 8" STUDS

M8 = 7 5/8" CMU
M6 = 5 5/8" CMU
M12 = 11 5/8" CMU

Smallwood, Reynolds, Stewart, Stewart & Associates, Inc. Architects
One Piedmont Center, Suite 303 3565 Piedmont Road Atlanta, Georgia 30305

REV. NO.	DATE	REMARKS
	06/03/19	PROGRESS PRINT
	08/16/19	GDOE CHECK SET
	10/01/19	ISSUED FOR BID / PERMIT / GDOE

REVISIONS / PRINTED

PROJECT SUMMARY
NAME: JH HOUSE ELEMENTARY SCHOOL
GRADES: PRE-K THRU 5TH
F.T.E.: 800
G.D.O.E. #: TO BE ASSIGNED

BUILDING AREA

LEVEL 01	71,152 SF
LEVEL 02	37,379 SF
TOTAL	108,531 SF

COVERED AREAS (I.E. CANOPIES)

COVERED AREAS	5,186 SF
DIVIDE (÷) BY 2	÷2
TOTAL	2,593 SF

INSTRUCTIONAL UNITS

REGULAR CLASSROOMS	45
PAIRED FLEX AREAS	2
MUSIC	1
PHYSICAL EDUCATION	1
MEDIA CENTER	1
ART	1
TOTAL	51

RCPS

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PARTITION TYPES LEGEND

J.H. HOUSE ELEMENTARY SCHOOL
3100 Zingara Road NE, Conyers, GA 30012

DATE: 10-01-2019
JOB NO.: 218036.00
SHEET NO.: T0-03

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