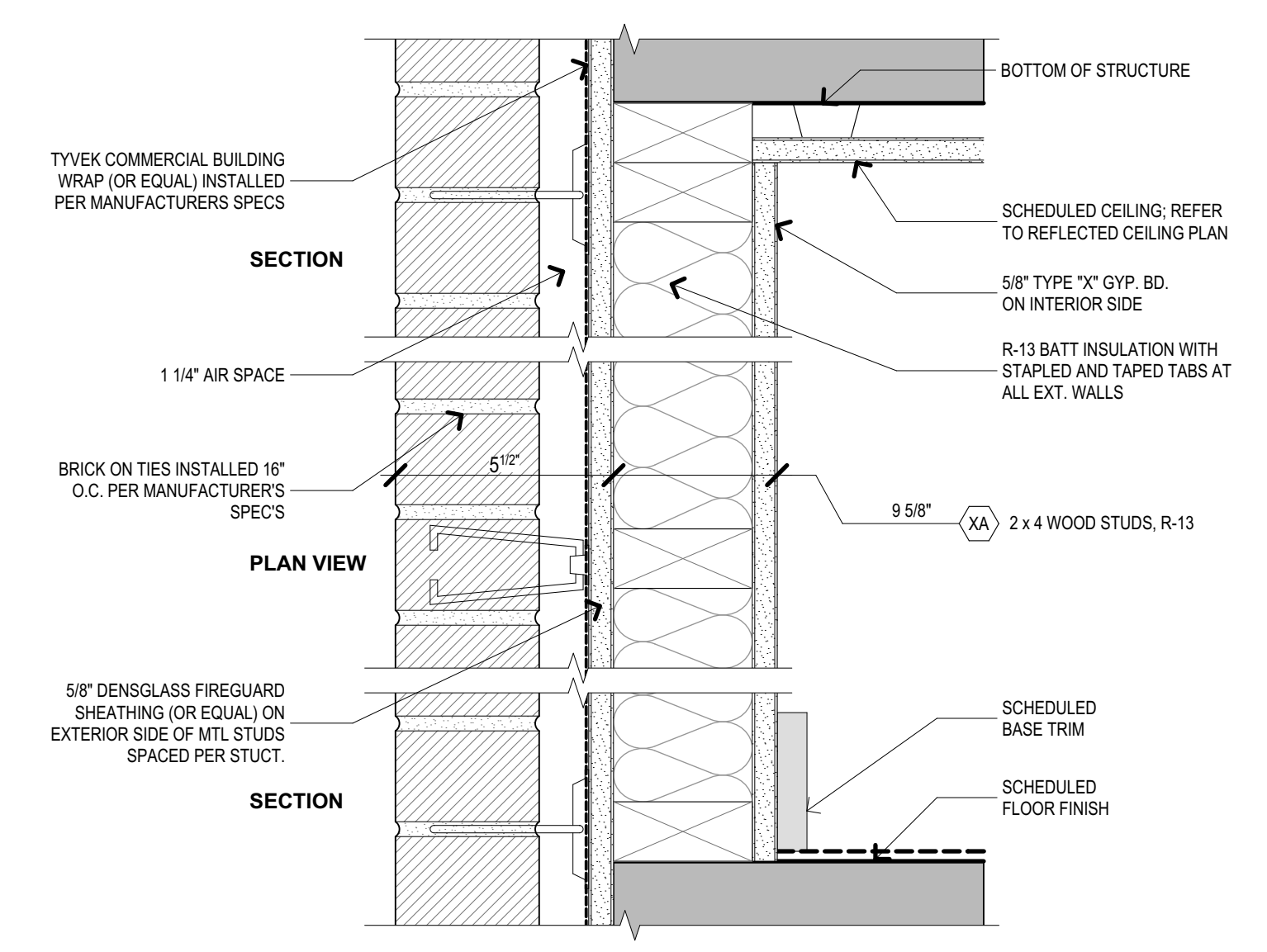


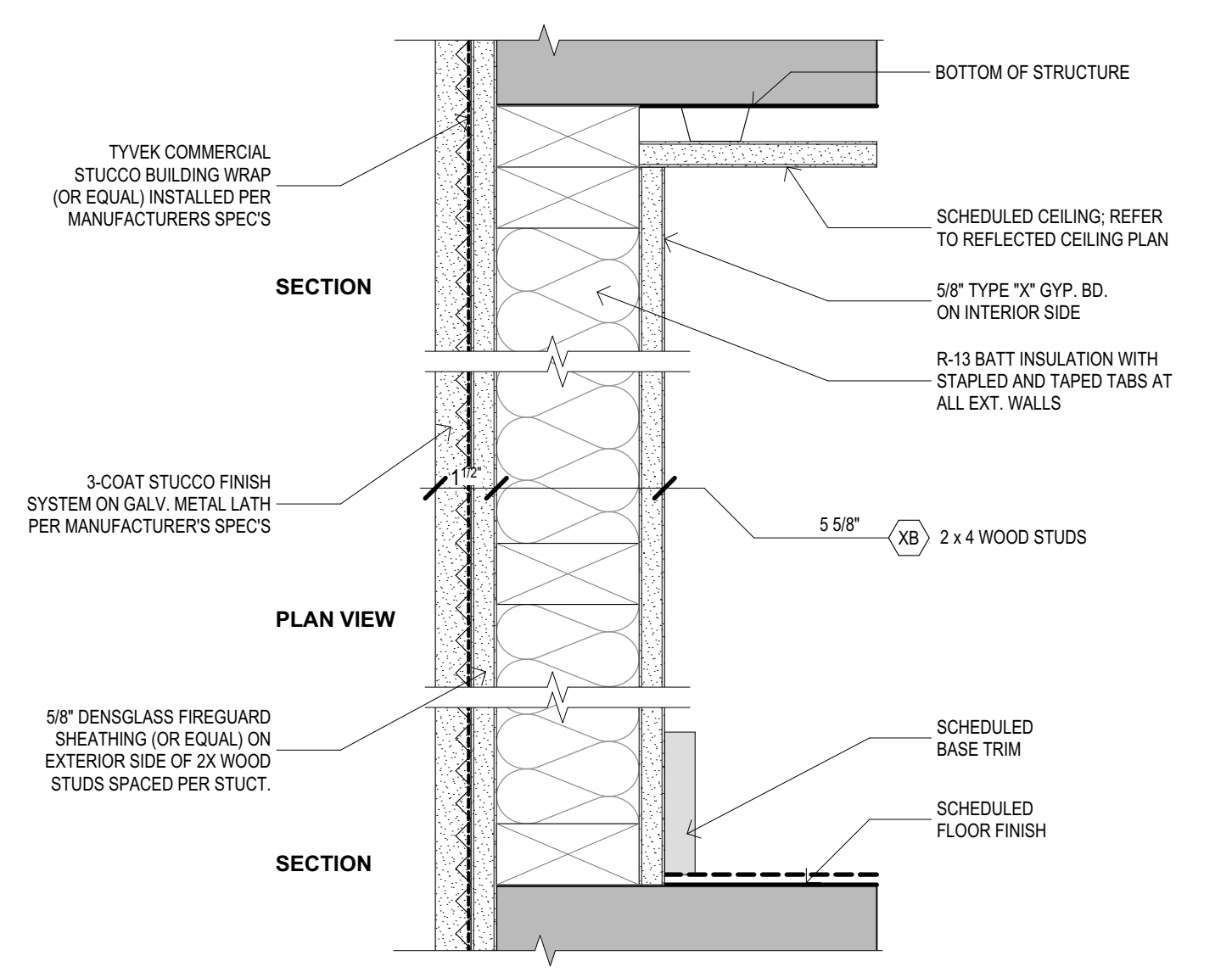
BIM Server: SERVER2015 - BIM Server 19/1407 Concordia Baton Rouge | Ver. 19.001 | Friday, April 01, 2016 | 12:04 AM



2x WOOD STUDS WITH ONE LAYER OF 5/8" TYPE X GYPSUM BOARD INTERIOR SIDE AND 5/8" DENSGLOSS FIREGUARD SHEATHING ON EXTERIOR SIDE

PARTITION TYPE	L/240 LIMITING HEIGHT	FIRE RATING	STC	SOUND TRANSMISSION CLASS
XA	--	1 HOUR - UL U305	--	--

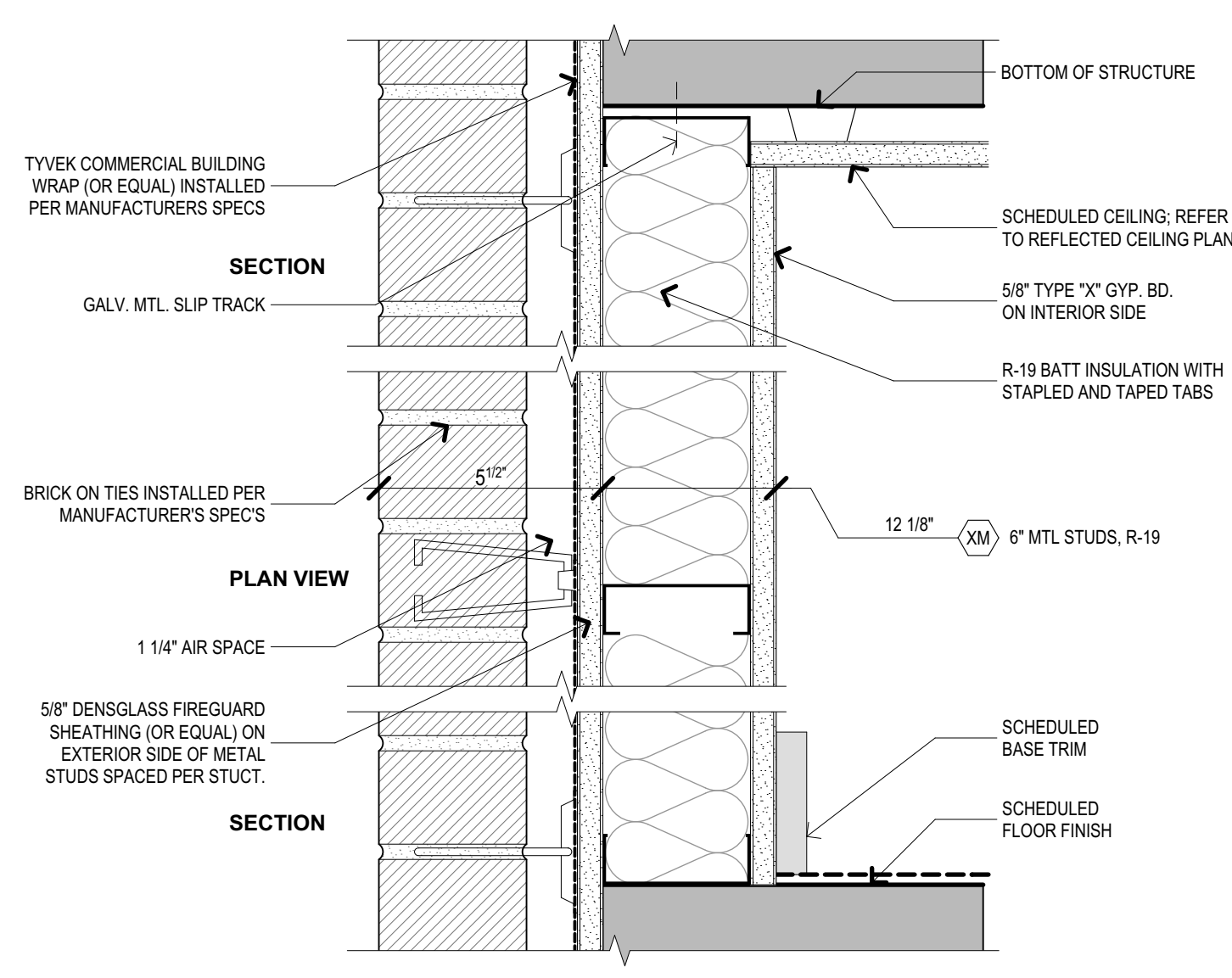
**XA** EXT. WALL TYPE XA - BRICK, WD STUD  
SCALE: 3" = 1'-0" 1 HR - BEARING WALL



2x WOOD STUDS WITH ONE LAYER OF 5/8" TYPE X GYPSUM BOARD INTERIOR SIDE AND 5/8" DENSGLOSS FIREGUARD SHEATHING ON EXTERIOR SIDE

PARTITION TYPE	L/240 LIMITING HEIGHT	FIRE RATING	STC	SOUND TRANSMISSION CLASS
XB	--	1 HOUR - UL U305	--	--

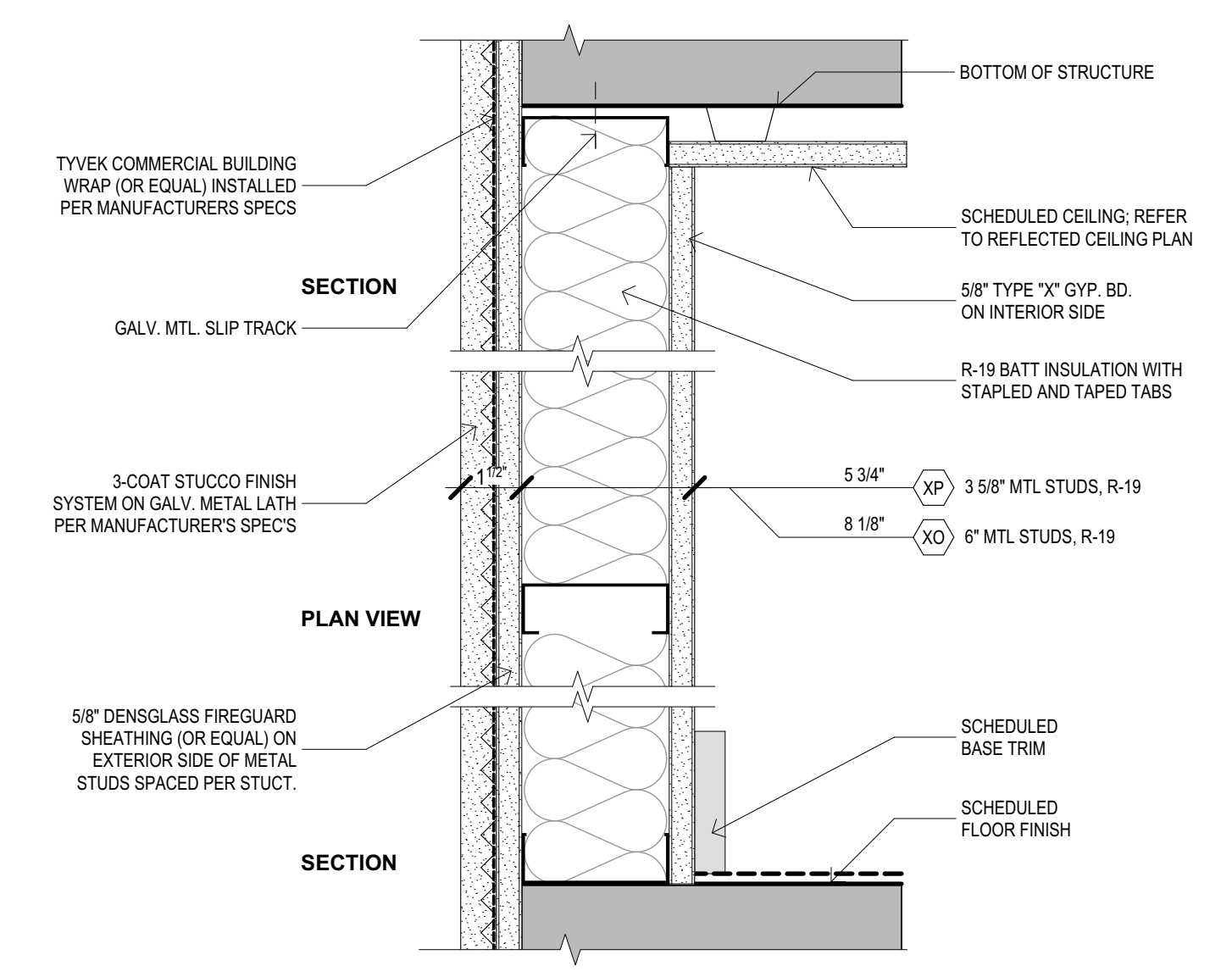
**XB** EXT. WALL TYPE XB - STUCCO, WD STUD  
SCALE: 3" = 1'-0" 1 HR - BEARING WALL



METAL STUDS WITH ONE LAYER OF 5/8" TYPE X GYPSUM BOARD INTERIOR SIDE AND ONE LAYER OF 5/8" DENSGLOSS FIREGUARD SHEATHING ON EXTERIOR SIDE

PARTITION TYPE	L/240 LIMITING HEIGHT	FIRE RATING	STC	SOUND TRANSMISSION CLASS
XM	--	1 HOUR - UL U423	--	--

**XM** EXT. WALL TYPE XM - BRICK, MTL STUD  
SCALE: 3" = 1'-0" 1 HR - BEARING WALL



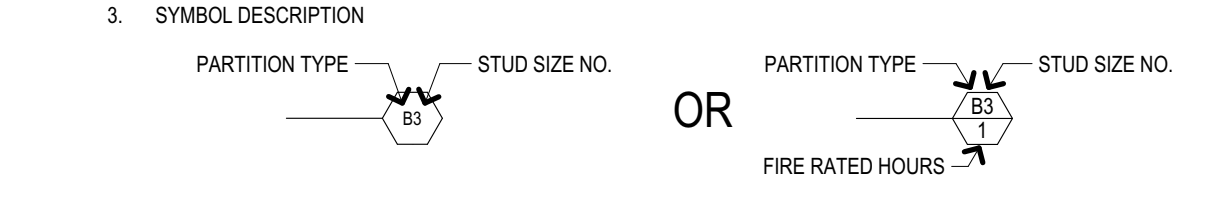
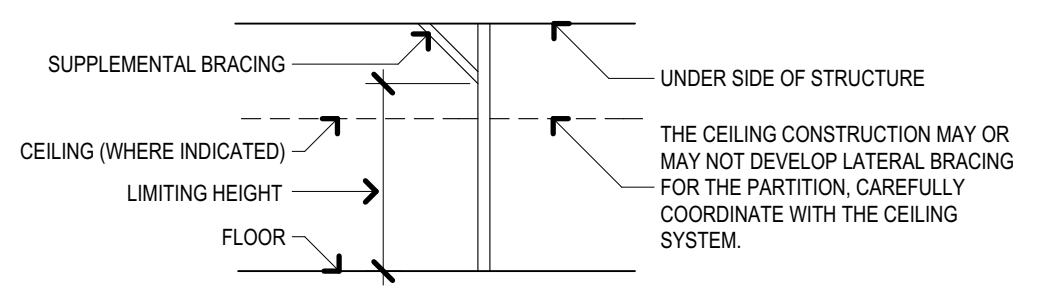
METAL STUDS WITH ONE LAYER OF 5/8" TYPE X GYPSUM BOARD INTERIOR SIDE AND ONE LAYER OF 5/8" DENSGLOSS FIREGUARD SHEATHING ON EXTERIOR SIDE

PARTITION TYPE	L/240 LIMITING HEIGHT	FIRE RATING	STC	SOUND TRANSMISSION CLASS
XO	--	1 HOUR - UL U423	--	--

**XO** EXT. WALL TYPE XO - STUCCO, MTL STUD  
SCALE: 3" = 1'-0" 1 HR - BEARING WALL

**PARTITION TYPE NOTES**

- THE PROJECT MANDATORY MAXIMUM ALLOWABLE DEFLECTION DESIGN CRITERIA RATIO IS L/240 USING STUDS @ 16" O.C. WHERE BRITTLE FINISHES WILL BE APPLIED SUCH AS PLASTER OR CERAMIC TILE, MAX. ALLOWABLE DEFLECTION CRITERIA RATIO IS L/360.
- THE LIMITING HEIGHTS INDICATED IN EACH PARTITION TYPE ARE THE MAXIMUM UNSUPPORTED HEIGHT FOR THAT PARTITION. IF PROJECT CONDITIONS NEED TO EXCEED THIS LIMIT, ITS THE CONTRACTORS OPTION TO PROVIDE HEAVIER GAUGE STUDS, OR LESS SPACE BETWEEN STUDS, OR SUPPLEMENTAL BRACING TO SATISFY THE ALLOWABLE DEFLECTION DESIGN CRITERIA.



- ALL PARTITION TYPES SHOWN MAY NOT NEED TO BE FIRE RATED ASSEMBLIES. REFER TO PARTITION SYMBOL AND THE LIFE SAFETY PLAN FOR PARTITIONS WHICH MUST BE FIRE RATED.
- WHEN EVER A FIRE RATED PARTITION IS INDICATED ALL ELEMENTS OF THE COMPLETE ASSEMBLY MUST BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE UNDERWRITERS LABORATORY AND OTHER TESTING AGENCY REQUIREMENTS.
- PROVIDE "WATER RESISTANT" GYPSUM BOARD AS THE SUBSTRATE FOR CERAMIC TILE, OR BACKER BOARD SUBSTRATE FOR CERAMIC TILE IN WET CONDITIONS. IF THE BACKER BOARD IS BEING SUBSTITUTED FOR ONE OF THE GYPSUM BOARD LAYERS IT MUST HAVE APPROVED FIRE RATING CERTIFICATION.
- THE STC RATINGS LISTED ARE TO SERVE AS A GENERAL INDICATOR FOR THE ACOUSTICAL PERFORMANCE OF THAT PARTITION. HOWEVER, SPECIFIC PROJECT CONDITIONS MAY NOT NECESSARILY YIELD THE LABORATORY TESTED RESULTS.
- ALL PARTITION TYPES INDICATED ON THIS DRAWING MAY NOT NECESSARILY BE USED ON THIS SPECIFIC PHASE OF THE PROJECT.
- IBC 2012 SECTION 706.6.4 - IN BUILDINGS OF TYPE III, IV, AND V CONSTRUCTION, WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF COMBUSTIBLE ROOF SHEATHING OR DECKS PROVIDED:
  - THESE ARE NO OPENINGS IN THE ROOF WITHIN 4 FEET OF THE FIRE WALL.
  - THE ROOF IS COVERED WITH A MINIMUM CLASS B ROOF COVERING, AND
  - THE ROOF SHEATHING OR DECK IS CONSTRUCTED OF FIRE-RETARDANT TREATED WOOD FOR A DISTANCE OF 4 FEET ON BOTH SIDES OF THE WALL OR THE ROOF IS PROTECTED WITH 5/8 INCH TYPE X GYPSUM BOARD DIRECTLY BENEATH THE UNDERSIDE OF THE ROOF SHEATHING OR DECK, SUPPORTED BY A MINIMUM OF 2-INCH NOMINAL LEDGERS ATTACHED TO THE SIDES OF THE ROOF FRAMING MEMBERS FOR A MINIMUM DISTANCE OF 4 FEET ON BOTH SIDES OF THE FIRE WALL.

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REG. ARCHITECT  
 STATE OF LOUISIANA  
 03/31/2016

**WATERSTONE AT BATON ROUGE**  
**ASSISTED LIVING & MEMORY CARE**

SIEGEN LANE  
 BATON ROUGE, LA 70810

ISSUE:  
**PERMIT SET**

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REVISIONS:

DATE:  
 03/31/2016  
 PROJECT NUMBER:  
 14017  
 SHEET TITLE:  
**EXTERIOR WALL TYPES**

SHEET:  
**G4.1**