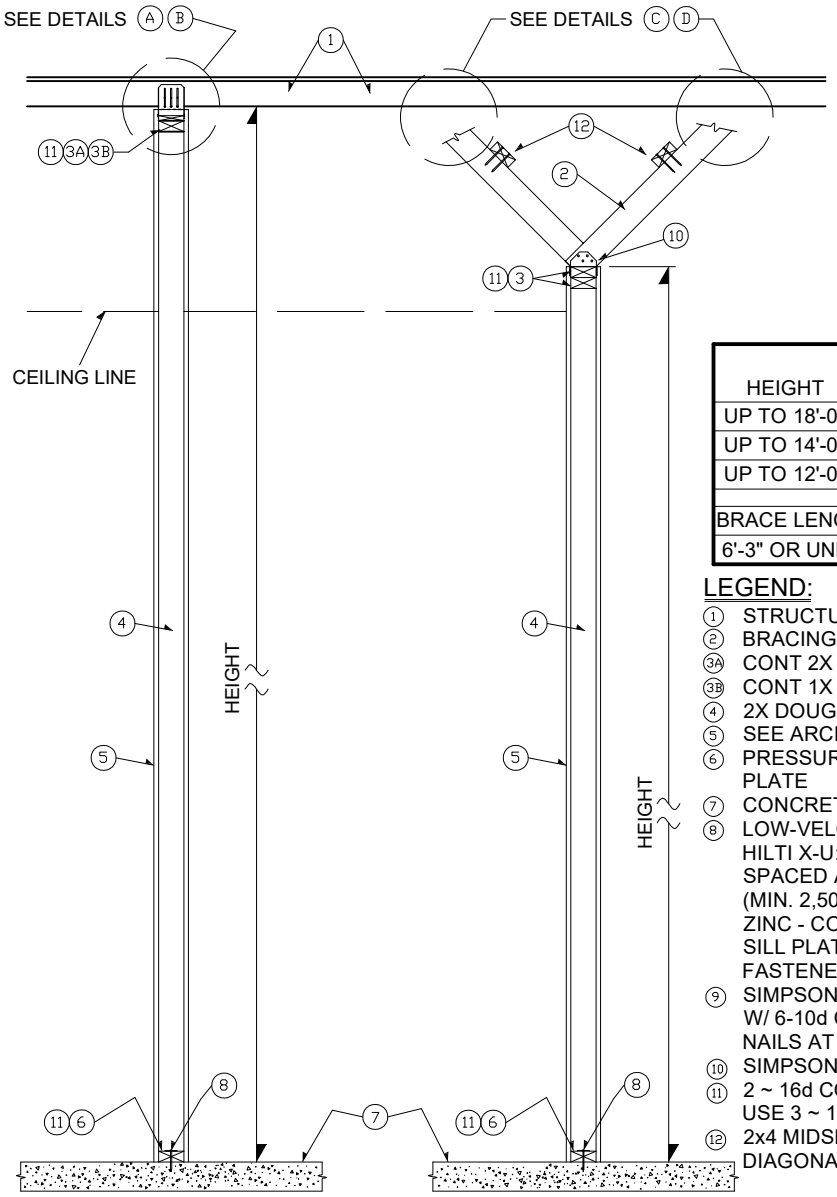
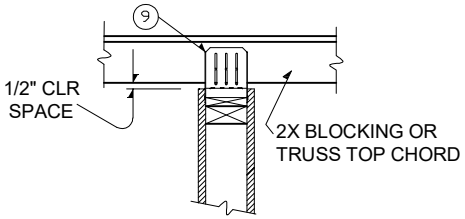
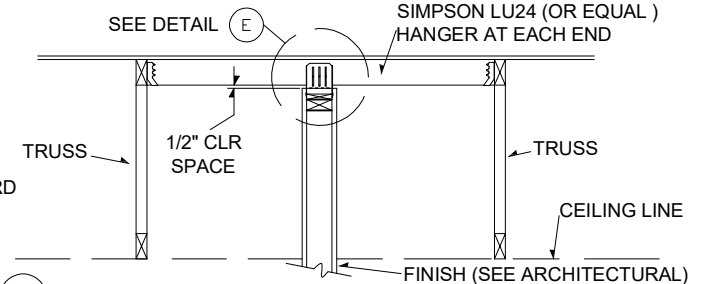
NON - BEARING WOOD STUD PARTITION DETAIL (2021 IBC)



NON - BEARING INTERIOR WALL DETAILS



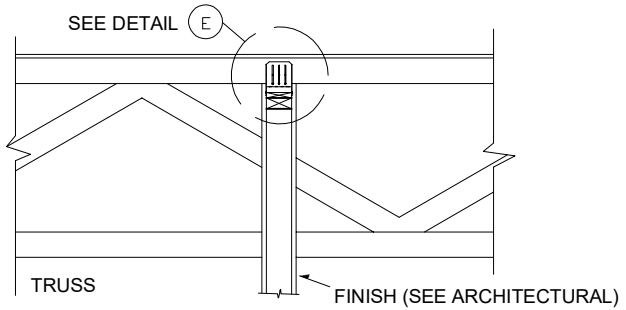
E ENLARGED DETAIL



A WALL PARALLEL TO WOOD TRUSSES

HEIGHT	WALL FINISH TYPES: GYPSUM BOARD	PLASTER / STUCCO
UP TO 18'-0"	2x6 AT 24" O.C.	2x6 AT 12" O.C.
UP TO 14'-0"	2x4 AT 24" O.C.	2x6 AT 24" O.C.
UP TO 12'-0"	2x4 AT 24" O.C.	2x6 AT 24" O.C.

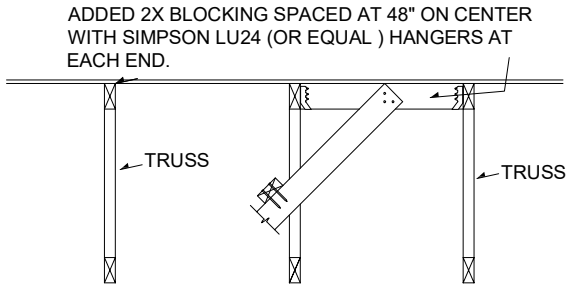
BRACE LENGTH	BRACE SIZE
6'-3" OR UNDER	2X4 STUD



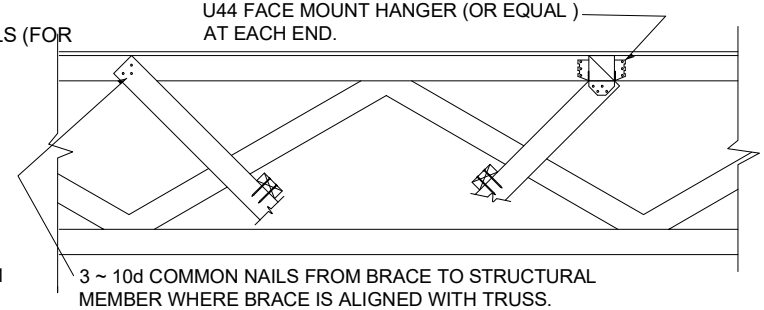
B WALL PERPENDICULAR TO WOOD TRUSES

LEGEND:

1. STRUCTURAL MEMBER ABOVE
2. BRACING AT 4'-0" O.C. STAGGERED DIRECTIONS
3A. CONT 2X TOP PLATE
3B. CONT 1X TOP PLATE
4. 2X DOUGLAS FIR LARCH #2 (SEE SCHEDULE)
5. SEE ARCHITECTURAL FOR FINISH
6. PRESSURE TREATED, OR FOUNDATION REDWOOD SILL PLATE
7. CONCRETE SLAB
8. LOW-VELOCITY POWDER ACTUATED FASTENERS HILTI X-U: 0.157" DIA. BY 2 7/8" LONG (1.25" MIN. EMBEDMENT) SPACED AT 24" O.C. MAX (ICC ER-2269) (MIN. 2,500 PSI CONCRETE.) (PINS SHALL BE "HOT DIPPED ZINC - COATED GALVANIZED, UNLESS USED WITH REDWOOD SILL PLATE) WITH SUPPLIED PLATE WASHERS. (OR EQUAL FASTENERS)
9. SIMPSON HTC4 TRUSS CLIP (OR EQUAL) SPACED AT 48" O.C. W/ 6-10d COMMON NAILS TO TOP PLATE, 3-10d COMMON NAILS AT SLOT TO BLOCKING OR TRUSS TOP CHORD
10. SIMPSON HS24 (OR EQUAL) SPACED AT 48" O.C.
11. 2 ~ 16d COMMON NAILS (END NAILED) PLATE TO STUD. OR USE 3 ~ 10d COMMON NAILS (TOE NAILED).
12. 2x4 MIDSPAN BRACE WITH 2 ~ 16d COMMON NAILS (FOR DIAGONAL BRACES LONGER THAN 6'-3").



C WALL PARALLEL TO WOOD TRUSSES



D WALL PERPENDICULAR TO WOOD TRUSSES

NOTES:

1) STUDS BRACED BY GYPSUM WALLBOARD EACH SIDE. MAXIMUM NAIL OR SCREW SPACING SHALL NOT EXCEED 12" O.C. SEE 2021 IBC CHAPTER 25 FOR REQUIREMENTS.
2) 5 POUNDS PER SQUARE FOOT MAX. LATERAL LOAD.
3) ALL LUMBER: DOUGLAS FIR-LARCH #2.
4) DEFLECTION (REF: 2021 IBC - TABLE 1604.3): PLASTER / STUCCO FINISH = L/360 GYPSUM WALLBOARD FINISH = L/120
5) FOR H > 18' - 0" AND BRACING > 6' - 3" SUBMIT ENGINEERING DESIGN AND DETAILS.
6) THE DETAILS SHOWN ARE INTENDED TO SERVE AS A GUIDE ONLY. THE DESIGN PROFESSIONAL MAY SUBMIT AN ALTERNATE DESIGN AND DETAILS THAT COMPLY WITH THE 2021 IBC.
7) MINIMUM REQUIRED CONCRETE COMPRESSIVE STRENGTH IS f 'c OF 2500 PSI.
8) FOR NAILING REQUIREMENTS SEE 2021 IBC TABLE 2304.10.2 .

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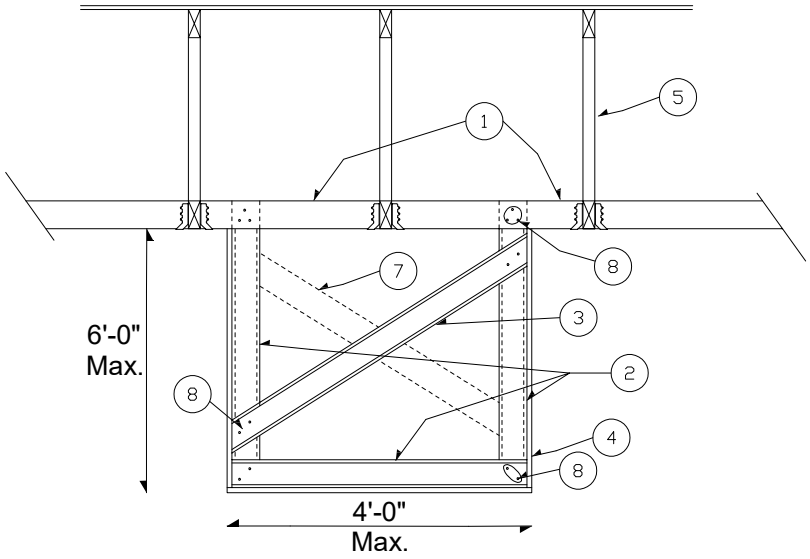
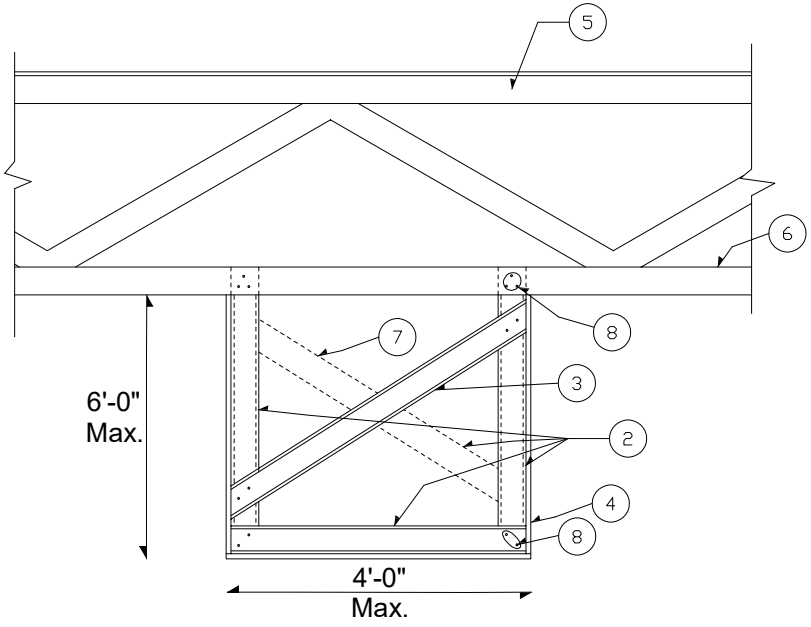
METAL STUD SOFFIT FRAMING DETAILS FOR ATTACHMENT TO WOOD TRUSSES



A STEEL STUD SOFFIT FRAMING
(PARALLEL TO TRUSSES)



B STEEL STUD SOFFIT FRAMING
(PERPENDICULAR TO TRUSSES)

LEGEND:

1. NEW 2X4 DOUGLAS FIR (LARCH) #1 OR #2 AT 24" O.C. WITH SIMPSON LU24 FACE MOUNT HANGERS (OR EQUAL) AT EACH END.
2. 362S125-30 STEEL STUDS AT 24" O.C.
3. 362S125-33 AT 48" O.C., TYPICAL.
4. GYPSUM BOARD FINISH PER ARCHITECTURAL
5. PREMANUFACTURED OPEN WEB WOOD TRUSSES AT 24" O.C.(VERIFY TYPE AND SPACING FROM EXISTING DRAWINGS OR IN THE FIELD)
6. WOOD TRUSS BOTTOM CHORD
7. ALTERNATE DIRECTION OF DIAGONAL BRACES.
8. (3) #10 SCREWS (TYPICAL)

NOTES:

1. 5 PSF LATERAL LOAD
2. Fy (min.) = 33 ksi
3. ALL MATERIAL, LOAD AND INSTALLATION SHALL COMPLY WITH THE 2021 IBC.
4. 1/2" OR 5/8" GYPSUM WALLBOARD ASSEMBLY SHALL BE PER 2021 IBC CHAPTER 25 AND TABLE 2506.2
5. THESE DETAILS ARE GUIDELINES ONLY. THE DESIGN PROFESSIONAL MAY SUBMIT ALTERNATE DESIGN AND DETAILS THAT COMPLY WITH 2021 IBC.
6. SEE ARCHITECTURAL PLANS FOR PROPOSED SOFFIT DIMENSIONS.
7. THIS DESIGN DOES NOT APPLY TO SOFFIT FRAMING WITH DIFFERENT CONFIGURATIONS.

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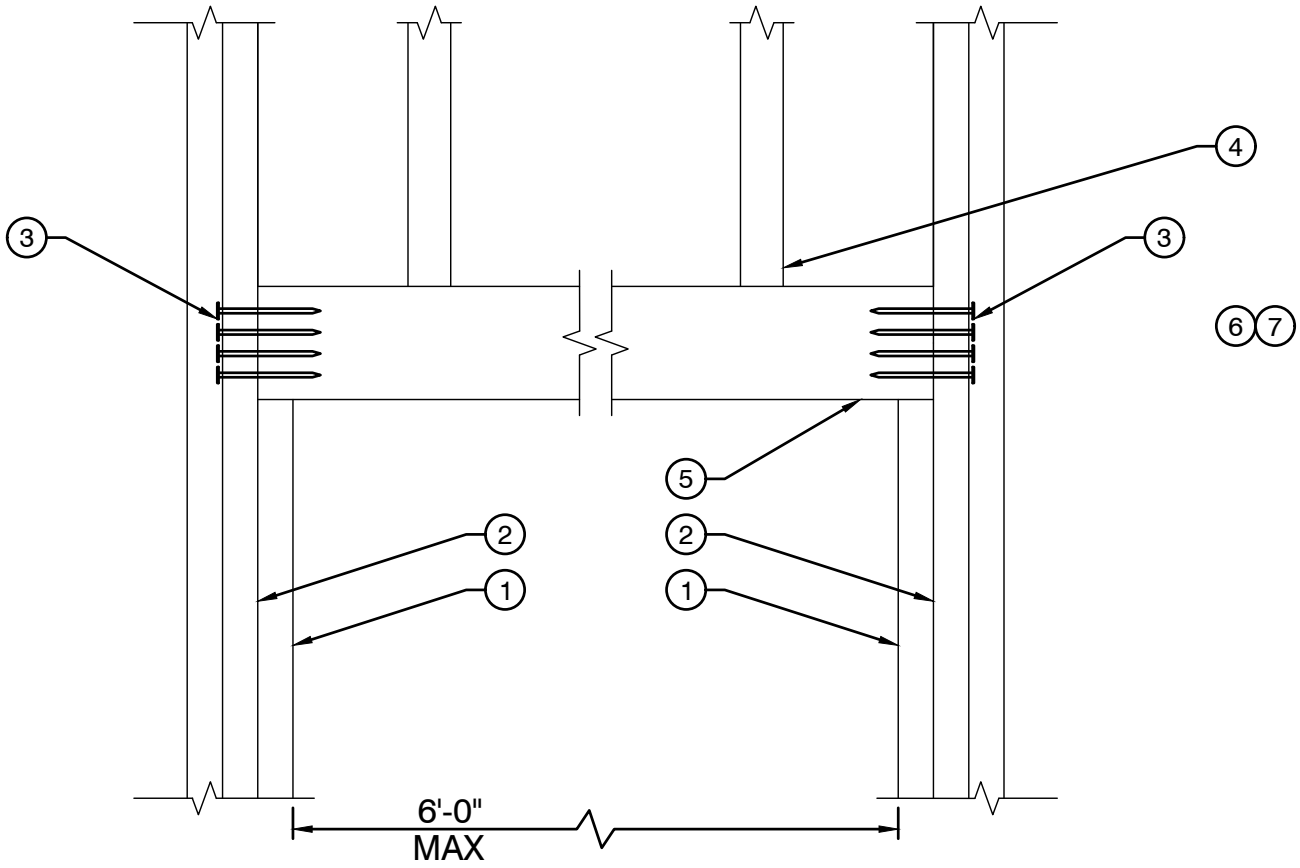

CONSTRUCTION NOTES:

1. 2x DOUGLAS FIR LARCH #2 TRIMMER
2. 2-2x DOUGLAS FIR LARCH #2 KING STUDS
3. FACE NAIL KING STUD TO HEADER WITH 4-16d NAILS SPACED AT 3" O.C. MINIMUM
4. 2x DOUGLAS FIR LARCH #2 STUDS AT 16" O.C.
5. 6 x 6 DOUGLAS FIR LARCH #2 HEADER IN 2X6 WALL OR 4X6 DOUGLAS FIR LARCH #2 HEADER IN 2X4 WALL (LONG LEG VERTICAL)

GENERAL NOTES:

6. 2x DOUGLAS FIR LARCH #2 STUDS AT 16" O.C.
7. FOR NAILING THAT IS NOT SHOWN SEE THE 2021 INTERNATIONAL BUILDING CODE TABLE 2304.10.2

NON-BEARING WOOD PARTITION WALL OPENING UP TO 6'-0" (WOOD)

(N.T.S.)

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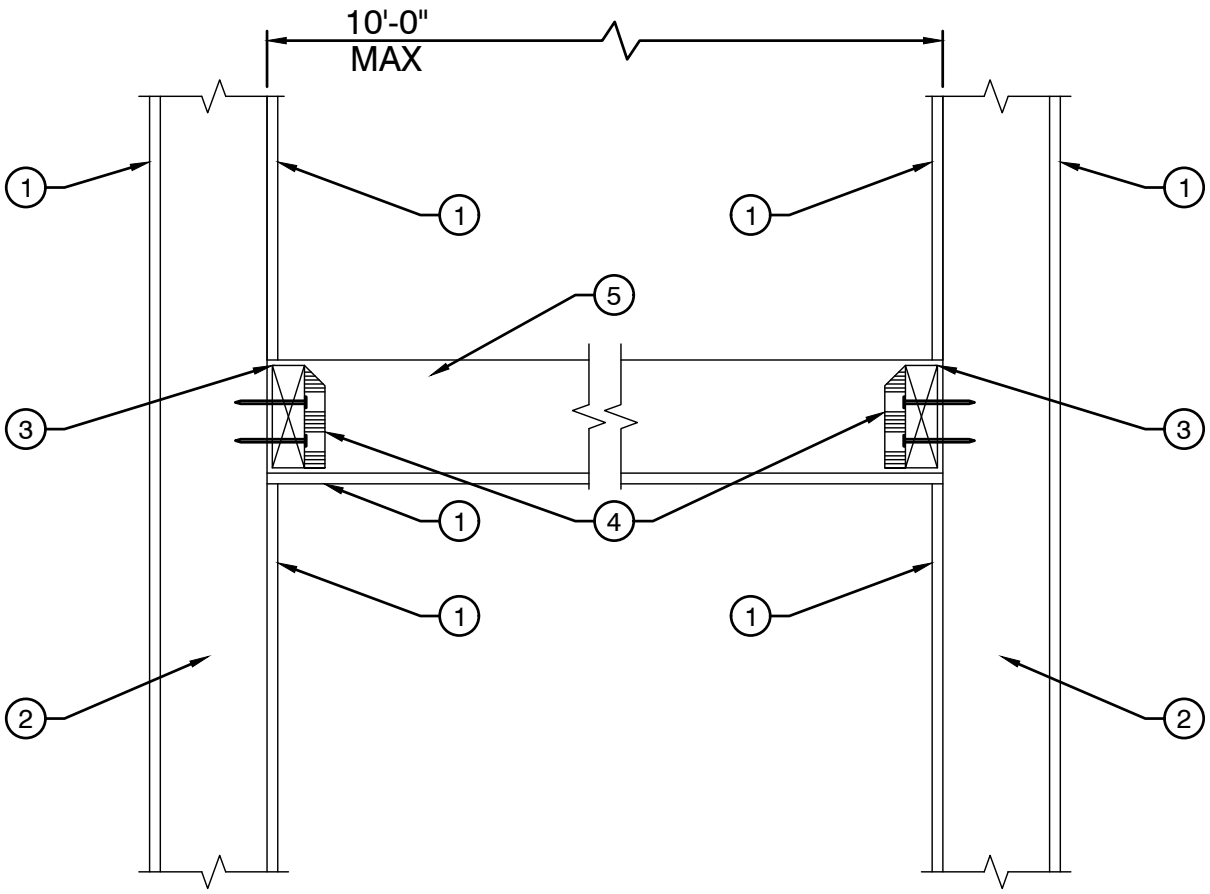

NOTES:

1. 1/2" OR 5/8" GYPSUM WALLBOARD PER 2021 CHAPTER 25
2. 2x DOUGLAS FIR LARCH #2 AT 16" O.C. FOR ALL OTHER DESIGN REQUIREMENTS SEE CITY'S STANDARD DESIGN FOR NON-BEARING WOOD STUD PARTITION DETAIL (NOTE: MAXIMUM 2x DOUGLAS FIR LARCH #2 SPACING IS AT 16" O.C.)
3. 2x6 DOUGLAS FIR LARCH #2 LEDGER WITH 2-16d NAILS PER STUD
4. SIMPSON LUS26 (OR EQUAL) INSTALLED PER EVALUATION REPORT AND MANUFACTURER'S REQUIREMENTS
5. 2x6 DOUGLAS FIR LARCH #2 CEILING JOIST AT 16" O.C. (LONG LEG VERTICAL)

TYPICAL HARD LID CEILING (WOOD)

(N.T.S.)

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