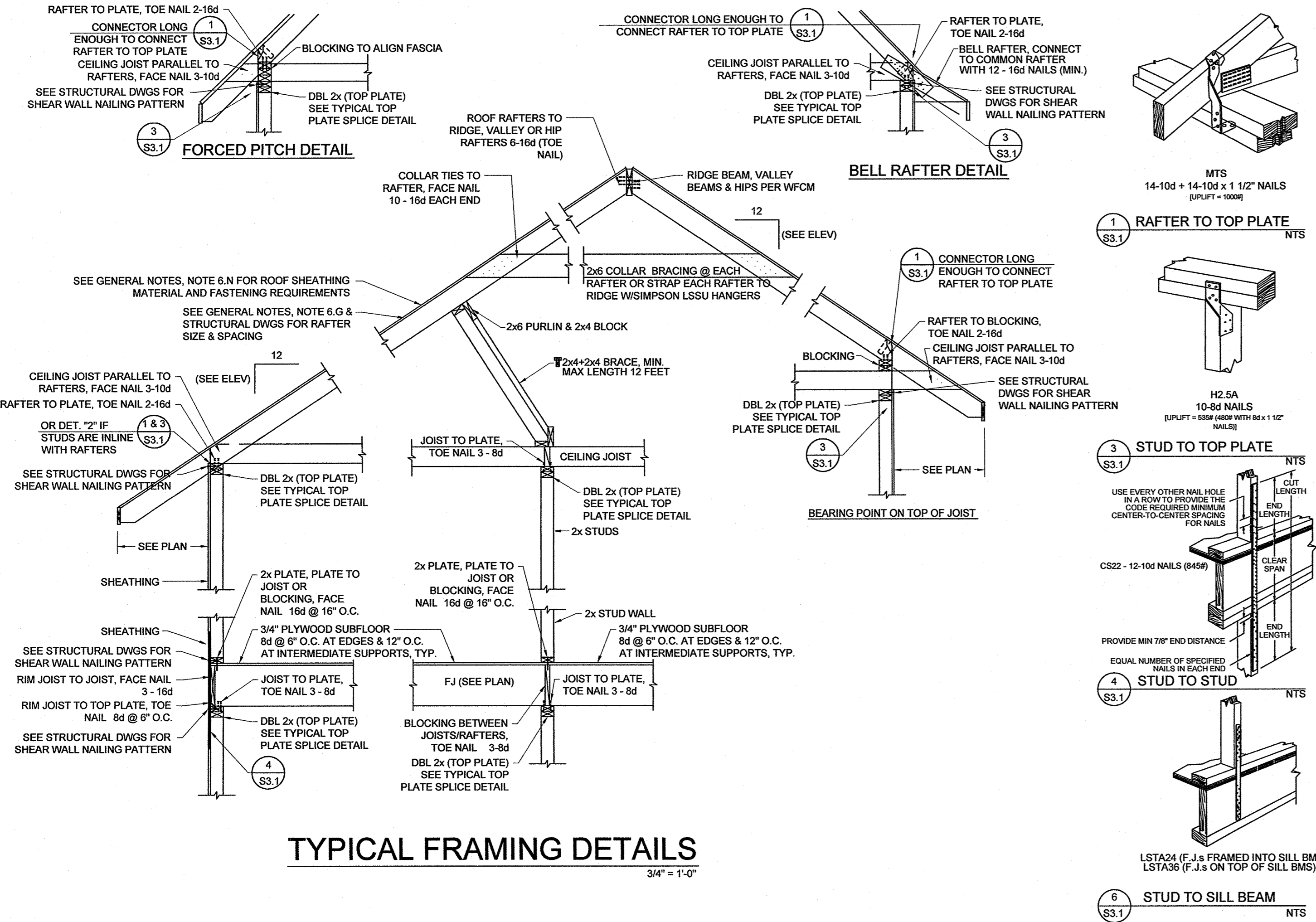


REV.	REVISION DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	



GO-BOLT

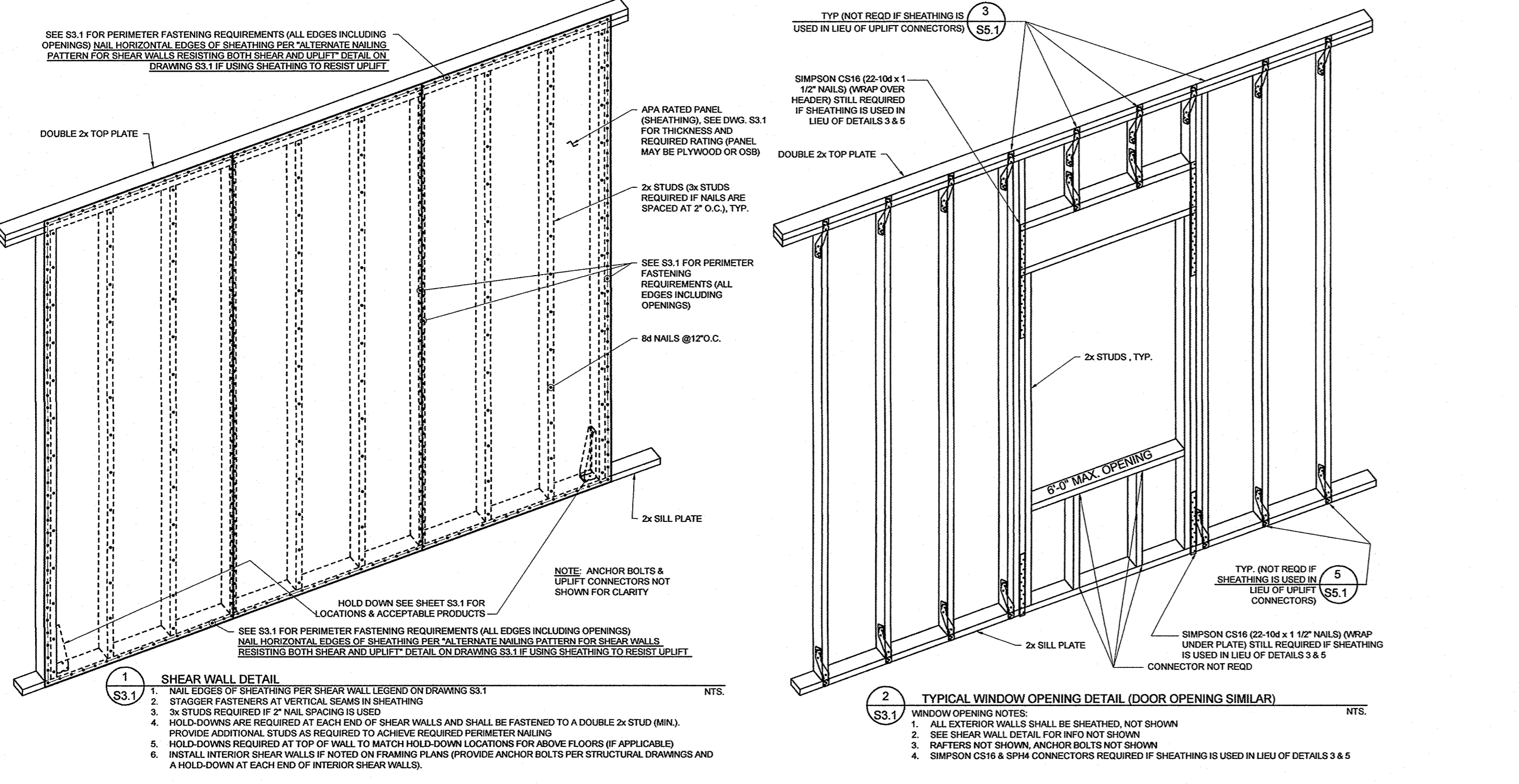
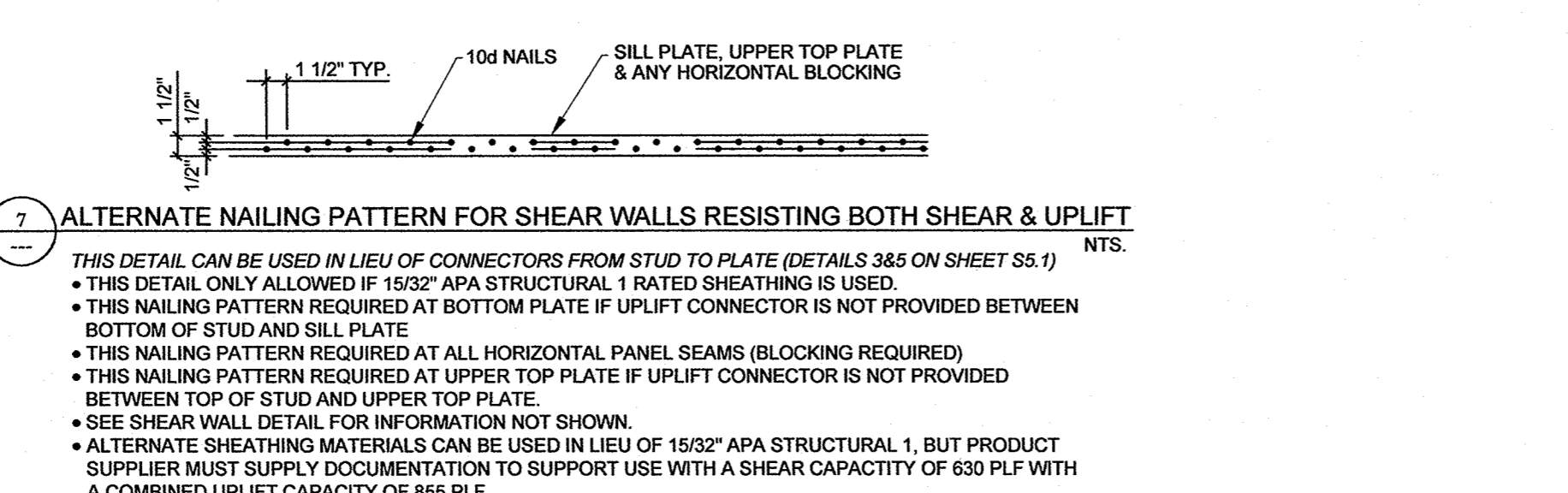
- THE CONTRACTOR HAS THE OPTION TO USE A GO-BOLT SYSTEM IN LIEU OF UPLIFT CONNECTORS FROM TOP PLATE TO FOUNDATION (RAFTER TO TOP PLATE CONNECTORS ARE STILL REQUIRED).
- LAYOUT FROM GO-BOLT SHALL BE BASED UPON THE PROJECT FLOOR PLANS
- PER REPORT BY ICC EVALUATION SERVICE, INC. DATED 06/01/2004, GO-BOLTS ANCHORED IN CONCRETE HAVE AN UPLIFT CAPACITY OF 3,800# EACH.
- BASED UPON THE UPLIFT CAPACITY AND ACTUAL CALCULATED UPLIFT, GO-BOLTS SHALL BE SPACED AT 6 FEET ON CENTER (MAX.), AND ON EACH SIDE OF WINDOWS & DOORS.
- ALL ACCESSORIES AND HARDWARE SHALL BE PER GO-BOLT SPECIFICATIONS
- SUBMIT GO-BOLT DETAIL IF GO-BOLTS ARE TO BE USED IN LIEU OF HOLD-DOWN CONNECTORS SPECIFIED
- SYSTEM SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS
- SYSTEM SHALL BE ADJUSTED TO ACCOMMODATE WOOD SHRINKAGE AFTER BUILDING HAS BEEN CONDITIONED.

ADDITIONAL NOTES

- BASIC WIND SPEED $V_{ult} = 142$ MPH
- SEE TABLE THIS SHEET FOR UPLIFT CONNECTORS.
- SHEATH ALL EXTERIOR WALLS WITH 7/16" STRUCTURAL 1 APA RATED SHEATHING. FASTEN PERIMETER OF SHEATHING WITH:
8d NAILS AT 2" O.C.
16 GA. STAPLES NOT ALLOWED
- HOLD DOWNS ARE REQUIRED AT EACH CORNER
- 19 FT OF INTERIOR SHEAR WALL REQUIRED IN THE SHORT PLAN DIRECTION
- HOLD DOWNS SHALL BE SIMPSON PHD5, HTT22 OR STDH14
- FRAMING BY OTHERS

FASTENER SCHEDULE
(SEE TABLE M602.3(1) FOR CONDITIONS NOT LISTED BELOW)

DESCRIPTION OF BUILDING ELEMENT	NUMBER OF NAILS, TYPE OF NAIL & SPACING
JOIST TO SILL OR GIRDER, TOE NAIL 3-8d	
SOLE PLATE TO JOIST OR BLOORING, FACE NAIL 16d @ 16" O.C.	
STUD TO SOLE PLATE, TOE NAIL 3-8d OR 2-16d	
DOUBLE STUDS, FACE NAIL 16d @ 24" O.C.	
DOUBLE TOP PLATES, FACE NAIL 16d @ 16" O.C. SEE DETAIL ON SHEET S5.2	
BLOCKING BETWEEN JOISTS/RAFTERS, TOE NAIL 3-8d	
RIM JOIST TO TOP PLATE, TOE NAIL 3-8d @ 6" O.C.	
BUILT UP HEADER (2-2x) WITH 1/2" SPACER, FACE NAIL 16d @ 16" O.C. ALONG EACH EDGE	
CEILING JOIST TO PLATE, TOE NAIL 3-10d	
CEILING JOIST LAPS OVER PARTITIONS, FACE NAIL 3-10d	
CEILING JOIST PARALLEL TO TOP PLATE, FACE NAIL 3-10d	
RAFTER TO PLATE, TOE NAIL 2-16d	
BUILT UP COMMON BLOOR (SEE DETAIL ON SHEET S5.2)	
ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS 6-16d (TOE NAIL)	
COLLAR TIES TO RAFTER, FACE NAIL 3-10d EACH END	
3/4" PLYWOOD SUBFLOOR, 8d @ 6" O.C. AT EDGES & 12" O.C. AT INTERMEDIATE SUPPORTS	
8d COMMON = 3/4" LONG x 0.131" DIAMETER 10d BOX NAIL = 3/4" LONG x 0.131" DIAMETER	
16d COMMON = 1 1/2" LONG x 0.148" DIAMETER 10d BOX NAIL = 3/4" LONG x 0.131" DIAMETER	
16d SINKER = 3/4" LONG x 0.148" DIAMETER	
16d SINKER = 3/4" LONG x 0.148" DIAMETER	
(NOTE: ALTERNATE NAILS MAY BE USED IN LIEU OF LISTED NAILS IF EQUIVALENT PER ICC'S EVALUATION)	



UPLIFT CONNECTORS

CONNECTOR LOCATION	SIMPSON CONNECTOR AND MAXIMUM SPACING
1 RAFTER TO TOP PLATE CONNECTOR SPACING OF 16" OR 32" REQUIRES RAFTERS SPACED AT 16"	MTS AT 24" O.C. (EACH RAFTER)
2 RAFTER TO STUD CONNECTOR SPACING OF 16" OR 32" REQUIRES RAFTERS SPACED AT 16"	CONNECTOR SHALL HAVE EQUAL LOAD CAPACITY OF CONNECTOR SHOWN ON DETAIL 1
3 TOP PLATE TO STUD CONNECTOR SPACING OF 32" INDICATES CONNECTORS EVERY OTHER STUD	H2.5A AT 16" O.C. (EACH STUD)
4 FLOOR TO FLOOR CONNECTOR SPACING OF 32" INDICATES CONNECTORS EVERY OTHER STUD	CS22 AT 16" O.C. (EACH STUD)
5 STUD TO BOTTOM PLATE CONNECTOR SPACING OF 32" INDICATES CONNECTORS EVERY OTHER STUD	N/A
6 STUD TO SILL BEAM CONNECTOR SPACING OF 32" INDICATES CONNECTORS EVERY OTHER STUD	LSTA AT 16" O.C. (EACH STUD)

WIND RESISTANT CONSTRUCTION DETAILS

CATHEY RESIDENCE
LOT 17, PONTLAKE ESTATES S/D
SLIDELL, LA
ST. TAMMANY PARISH

Cypress Engineering

FDN AREA 2323	AREA U. B. 3481	PROJECT No. 15-0295FE
DRAWN BY CE	CHECKED BY DAP	DRAWING S3.1

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