

ABBREVIATIONS

GENERAL INFORMATION

DRAWING INDEX

PROJECT TEAM

Table of abbreviations with columns for letter (A-H), symbol, and description. Includes terms like ANCHOR BOLT, HIGH, SOUTH OR SILL, BOARD, BELOW, BETWEEN, etc.

Table of general information including project name (CAMP LEJEUNE), applicable codes (NORTH CAROLINA ENERGY CODE, etc.), building construction classification (RESIDENTIAL R-3), project envelope data (LOCATION, CLIMATE ZONE), square footage calculations, and project data (PHASE 3, 136 NEW HOMES AT WATKINS GROVE).

Table of drawing index with columns for sequence #, title series, and revision #. Lists architectural, plumbing, mechanical, and electrical drawings for buildings 107, 108, 109, 110, 111, and 112.

Project team information including logos and contact details for Actus Lend Lease, EDSA, Garrison Group Architects Inc., Court Street Engineering, Perrin Engineering, and M.J. Supranovicz Associates.

Vertical sidebar containing logos (Atlantic Communities, Actus Lend Lease, EDSA, Garrison Group Architects Inc., Court Street Engineering, Perrin Engineering, M.J. Supranovicz Associates), project data (Project No: 09-0001, SHEET 2 OF 141), and a large 'GO.02' graphic.

GENERAL NOTES

- ALL PHASES OF THE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE, 2006 EDITION.
- DETAILS TAKE PRECEDENCE OVER GENERAL NOTES. DIMENSIONS TAKE PRECEDENCE OVER SCALE SHOWN ON DRAWINGS.
- ALL DETAILS ARE TYPICAL. AND APPLY WHEREVER SIMILAR CONDITIONS EXIST UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE.
- CONNECTIONS SHALL CONFORM TO TABLE R602.3(1) OF THE INTERNATIONAL RESIDENTIAL CODE, UNLESS OTHERWISE NOTED.
- ALL NAILS SHALL BE SMOOTH COMMON, BOX OR DEFORMED SHANK U.N.O. OTHER NAILS MAY BE USED PROVIDED THEY CONFORM TO NER-272 AND HAVE EQUAL OR GREATER CAPACITY THAN THE NAILS INDICATED. ALL NAILS USED IN PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL OR DOUBLE HOT-DIP GALVANIZED.
- METAL CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC., PLEASANTON, CA. PROVIDE REQUIRED BOLTS OR NAILS TO INSTALL CONNECTORS AS RECOMMENDED BY THE MANUFACTURER.
- PROVIDE FRAMING, CONNECTIONS, BLOCKING, BACKING, ETC. NOT OTHERWISE SHOWN, AS REQUIRED TO COMPLETE THE CONSTRUCTION IN ACCORDANCE WITH THE CODE AND SOUND INDUSTRY PRACTICE.
- ALL METAL CONNECTORS USED IN PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL, HOT-DIP GALVANIZED OR ZMAX GALVANIZED.

FOUNDATION NOTES

- FOUNDATIONS ARE DESIGNED TO CONFORM TO THE RECOMMENDATIONS OF "GEOTECHNICAL ENGINEERING REPORT, PROPOSED FAMILY HOUSING-WATKINS VILLAGE AREA," PREPARED BY TERRACON, RALEIGH, NORTH CAROLINA TERRACON JOB NO. 70055012 DATED JULY 12, 2005
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED.
- MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE 3" FOR CONCRETE PLACED AGAINST EARTH AND 2" FOR ALL OTHER CONCRETE UNLESS OTHERWISE NOTED.
- REINFORCING SHALL CONFORM TO ASTM A615, GRADE 40 FOR #3 BARS, GRADE 60 FOR #4 BARS AND LARGER.
- MECHANICAL ANCHORS SHALL BE TITEN HD ANCHORS.
- BUILDING SLABS SHALL BE 4" CONCRETE WITH 6X6-W1.4XW1.4 WWF AT MID DEPTH OF SLAB. BELOW ALL BUILDING SLABS PROVIDE 10 MIL VAPOR BARRIER OVER 4" CAPILLARY BARRIER OVER PREPARED SUBGRADE
- GARAGE SLABS SHALL BE 4" CONCRETE WITH 6X6-W1.4XW1.4 WWF AT MID DEPTH OF SLAB. BELOW GARAGE SLABS, PROVIDE 10 MIL VAPOR BARRIER OVER 4" CAPILLARY BARRIER OVER PREPARED SUBGRADE.
- PATIOS, STOOPS AND WALKWAYS SHALL BE 4" CONCRETE WITH 6X6-W1.4XW1.4 WWF AT MID DEPTH OF SLAB OVER PREPARED SUBGRADE.
- PROVIDE SAWCUT, TOOLED, OR PREFABRICATED CONTROL JOINTS IN BUILDING SLABS AT 18'-0" MAXIMUM O.C. IN EACH DIRECTION. NO MORE THAN 325 SQUARE FEET OF BUILDING SLAB SHALL BE PROVIDED BETWEEN CONTROL JOINTS. PROVIDE CONTROL JOINTS IN GARAGE SLABS AT 12'-0" MAXIMUM O.C. IN EACH DIRECTION. NO MORE THAN 144 SQUARE FEET OF GARAGE SLAB SHALL BE PROVIDED BETWEEN CONTROL JOINTS. PROVIDE CONTROL JOINTS IN PATIO SLABS AT 8'-0" MAXIMUM O.C. IN EACH DIRECTION. NO MORE THAN 64 SQUARE FEET OF PATIO SLAB SHALL BE PROVIDED BETWEEN CONTROL JOINTS. PROVIDE CONTROL JOINTS IN WALKWAYS AT APPROXIMATELY 4'-0" O.C.
- THICKEN INTERIOR FOOTINGS AS REQUIRED TO ACCOMMODATE HOLDOWN ANCHORS PER DETAIL 7/S5.02.

WALL FRAMING NOTES

- LUMBER FOR STUDS SHALL BE SOUTHERN PINE, DOUGLAS FIR-LARCH, HEM FIR OR SPRUCE-PINE-FIR, STUD GRADE UNLESS OTHERWISE NOTED.
- LUMBER FOR PLATES, SILLS & BLOCKING SHALL BE SOUTHERN PINE, DOUGLAS FIR, HEM FIR OR SPRUCE-PINE-FIR, STANDARD AND BETTER. SILL PLATES ON CONCRETE SHALL BE PRESSURE TREATED.
- LUMBER FOR HEADERS AND POSTS SHALL BE SOUTHERN PINE OR DOUGLAS FIR, #2 AND BETTER. PORCH POSTS SHALL BE LSL ENGINEERED WOOD POSTS.
- TYPICAL STUD WALLS (U.N.O.)
 - EXTERIOR STUD WALLS SHALL BE 2x6 STUDS @ 24" O.C. WITH 2X SILL PLATE AND DOUBLE 2x TOP PLATE.
 - EXTERIOR GARAGE STUD WALLS, NO GREATER THAN 10' IN HEIGHT, SHALL BE 2x6 STUDS @ 24" O.C. WITH 2X SILL PLATE AND DOUBLE 2x TOP PLATE.
 - INTERIOR BEARING STUD WALLS SHALL BE 2x4 STUDS @ 16" O.C. WITH 2X SILL PLATE AND DOUBLE 2x TOP PLATE.
 - INTERIOR NON-BEARING STUD WALLS SHALL BE 2x4 STUDS @ 24" O.C. WITH 2x SILL PLATE AND DOUBLE 2x TOP PLATE. (OR 1-2x & 1-1x TOP PLATE @ ROOF TRUSSES)
 - FIRST STORY STUD WALLS SHALL HAVE A 9'-1" TOP PLATE U.N.O. SECOND STORY STUD WALL SHALLS HAVE A 8'-1" TOP PLATE U.N.O.
 - STUD WALLS WITH AN UNBRACED HEIGHT GREATER THAN 10' SHALL BE 2x6 STUDS @ 16" O.C.
 - PROVIDE TEMPORARY BRACING TO ADEQUATELY BRACE THE WALLS DURING CONSTRUCTION.
- AS AN OPTION, PREFABRICATED WALL PANELS MAY BE USED IN LIEU OF SITE-BUILT STUD WALLS.
- TYPICAL SILL ANCHORS (U.N.O.)
 - EXTERIOR WALLS: MASA @ 5'-0" O.C. WITH 1-MAS AT 12 INCHES MAX FROM EACH END OF EACH PIECE. 1/2" Ø TITEN HD ANCHORS, EMBEDDED 4", MAY BE USED IN LIEU OF MASA ANCHORS.
 - INTERIOR BEARING WALLS: SHOT PINS @ 16" O.C. WITH 1-PIN AT 6" FROM EACH END OF EACH PIECE.
 - INTERIOR NON-BEARING PARTITIONS: SHOTPINS @ 32" O.C. WITH 1-PIN AT 6" FROM EACH END OF EACH PIECE.
 - ALL SILL PLATES SHALL HAVE A MINIMUM OF 2 ANCHORS
- SHOT PINS SHALL BE PDP POWDER ACTUATED FASTENERS, WITH 1 1/4 INCH MINIMUM EMBEDMENT.
- PROVIDE 1x TOP PLATE AT INTERIOR PARTITIONS SO THAT ROOF TRUSSES DO NOT BEAR ON INTERIOR PARTITIONS.
- PROVIDE DOUBLE 2x STUDS AT BEARING POINTS OF ALL DOUBLE 2x OR 4x BEAMS U.N.O. ON PLAN. AT BEARING POINTS OF ALL GIRDER TRUSSES AND HIP MASTERS PROVIDE MULTIPLE 2x STUDS TO MATCH THE NUMBER OF PLYS U.N.O. ON PLAN. PROVIDE 4x4 POST AT BEARING POINTS OF ALL 3 1/2" ENGINEERED BEAMS U.N.O. ON PLAN. PROVIDE 4x6 POST AT BEARING POINTS OF ALL 5 1/2" ENGINEERED BEAMS U.N.O. ON PLAN.
- WHERE POSTS OR DOUBLE STUDS OCCUR IN SECOND STORY WALLS, PROVIDE LIKE MEMBERS IN FIRST STORY WALLS DIRECTLY BELOW AND SOLID BLOCKING IN THE FLOOR SPACE.
- ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 15/32" APA RATED SHEATHING WITH 8d @ 6" O.C. EDGE NAILING AND 8d @ 12" O.C. FIELD NAILING U.N.O.


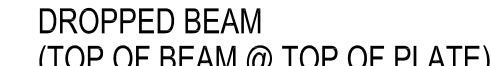
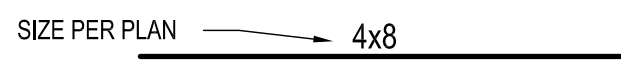

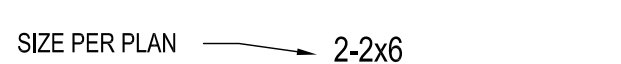

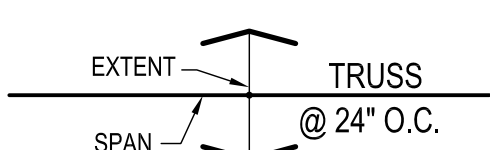
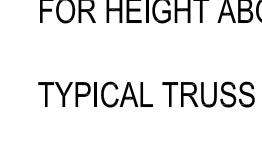
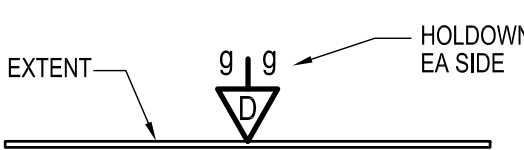
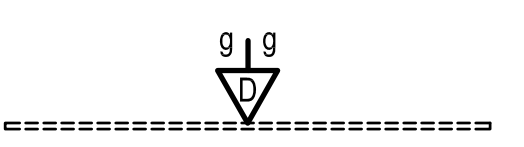


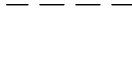



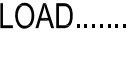

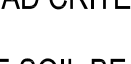
FLOOR FRAMING NOTES

- LUMBER FOR FLOOR BEAMS SHALL BE SOUTHERN PINE OR DOUGLAS FIR, #2 AND BETTER UNLESS OTHERWISE NOTED.
- ENGINEERED WOOD BEAMS SHALL BE "PARALAM" (PSL), "TIMBERSTRAND" (LSL) OR "MICROLLAM" (LVL) AS NOTED ON THE PLANS AND AS MANUFACTURED BY WEYERHAEUSER, OR EQUAL
- MULTIPLE MEMBER CONNECTIONS FOR ENGINEERED WOOD BEAMS SHALL BE PER THE REQUIREMENTS OF THE MANUFACTURER.
- AS AN OPTION, GIRDER FLOOR TRUSSES DESIGNED BY TRUSS FABRICATOR MAY BE USED IN LIEU OF FLUSH FLOOR BEAMS.
- FLOOR TRUSSES SHOWN ARE FOR ILLUSTRATION ONLY. THE FINAL DESIGN, LAYOUT, AND CONFIGURATION SHALL BE BY THE TRUSS FABRICATOR. COORDINATE LAYOUT TO ACCOMMODATE DUCT CHASES.
- COORDINATE TRUSS DESIGN AND LAYOUT WITH THE MECHANICAL SYSTEM REQUIREMENTS. SEE MECHANICAL DRAWINGS.
- THE TRUSS FABRICATOR SHALL SPECIFY ALL CONNECTORS REQUIRED TO COMPLETE THE INSTALLATION IN ACCORDANCE WITH THE DESIGN. THE TRUSS INSTALLER SHALL PROVIDE ALL REQUIRED CONNECTORS.
- THE TRUSS FABRICATOR SHALL SPECIFY ALL PERMANENT BRACING REQUIRED AND NOT OTHERWISE PROVIDED BY THE SHEATHING OR BLOCKING TO ASSURE STABILITY AND CONFORMANCE WITH THE DESIGN. THE TRUSS INSTALLER SHALL PROVIDE ALL PERMANENT BRACING SPECIFIED BY THE FABRICATOR.
- PROVIDE TEMPORARY BRACING FOR THE TRUSSES AS REQUIRED TO ASSURE STABILITY DURING CONSTRUCTION.
- FLOOR TRUSSES SHALL SUPPORT A SUPERIMPOSED DEAD LOAD OF 10 PSF AT THE TOP CHORD AND 4 PSF AT THE BOTTOM CHORD IN ADDITION TO THEIR OWN WEIGHT. FLOOR TRUSSES SHALL SUPPORT A LIVE LOAD OF 40 PSF AT THE TOP CHORD.
- FLOOR SHEATHING SHALL BE 23/32", TONGUE-AND-GROOVE, APA RATED STURD-FLOOR WITH A SPAN INDEX OF 24 O.C. GLUE & NAIL WITH 10d @ 6" O.C. EDGE NAILING AND 10d @ 10" O.C. FIELD NAILING. PANELS SHALL BE PLACED PERPENDICULAR TO FRAMING. MINIMUM PANEL DIMENSION SHALL BE 2'-0". GLUE SHEATHING TO FLOOR JOISTS AT ALL EDGES AND INTERMEDIATE SUPPORTS.
- TRUSSES NOTED AS "DRAG TRUSS" ON THE PLANS SHALL BE DESIGNED TO TRANSFER 200 PLF OF LATERAL LOAD, APPLIED ALONG THE ENTIRE LENGTH OF THE TOP CHORD, TO THE TRUSS SUPPORTS.

ROOF FRAMING NOTES

- ROOF TRUSSES SHOWN ARE FOR ILLUSTRATION ONLY. THE FINAL DESIGN, LAYOUT, AND CONFIGURATION SHALL BE BY THE TRUSS FABRICATOR. COORDINATE LAYOUT TO ACCOMMODATE DUCT CHASES.
- ROOF TRUSSES SHALL SUPPORT A SUPERIMPOSED DEAD LOAD OF 10 PSF AT THE TOP CHORD AND 4 PSF AT THE BOTTOM CHORD IN ADDITION TO THEIR OWN WEIGHT. ROOF TRUSSES SHALL SUPPORT A LIVE LOAD OF 20 PSF AT THE TOP CHORD. ROOF TRUSSES SHALL SUPPORT A 10 PSF BOTTOM CHORD LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS.
- THE TRUSS FABRICATOR SHALL SPECIFY ALL CONNECTORS REQUIRED TO COMPLETE THE INSTALLATION IN ACCORDANCE WITH THE DESIGN. THE TRUSS INSTALLER SHALL PROVIDE ALL REQUIRED CONNECTORS.
- THE TRUSS FABRICATOR SHALL SPECIFY ALL PERMANENT BRACING REQUIRED AND NOT OTHERWISE PROVIDED BY THE SHEATHING OR BLOCKING TO ASSURE STABILITY AND CONFORMANCE WITH THE DESIGN. THE TRUSS INSTALLER SHALL PROVIDE ALL PERMANENT BRACING SPECIFIED BY THE FABRICATOR.
- PROVIDE TEMPORARY BRACING FOR THE ROOF TRUSSES AS REQUIRED TO ASSURE STABILITY DURING CONSTRUCTION.
- ROOF TRUSSES INCLUDING GABLE ENDS SHALL BE DESIGNED FOR LATERAL AND UPLIFT WIND LOAD AS REQUIRED BY ASCE 7-02, FOR A 130 MPH WIND SPEED, EXPOSURE C.
- GABLE END TRUSSES SHALL BE DESIGNED OR BRACED AS REQUIRED TO RESIST OUT OF PLANE WIND LOADS. THE ROOF TRUSS INSTALLER SHALL PROVIDE ALL PERMANENT BRACING REQUIRED BY THE ROOF TRUSS DESIGNER.
- ROOF SHEATHING SHALL BE 19/32" APA RATED SHEATHING WITH A SPAN INDEX OF 32/16. NAILING SHALL BE 8d @ 6" O.C. EDGE NAILING AND 8d @ 12" O.C. FIELD NAILING. ROOF SHEATHING SHALL BE PLACED PERPENDICULAR TO FRAMING. PROVIDE PANEL CLIPS AT MID SPAN OF UNSUPPORTED EDGES.
- TRUSSES NOTED AS "DRAG TRUSS" ON THE PLANS SHALL BE DESIGNED TO TRANSFER 200 PLF OF LATERAL LOAD, APPLIED ALONG THE ENTIRE LENGTH OF THE TOP CHORD, TO THE TRUSS SUPPORTS.

LEGEND

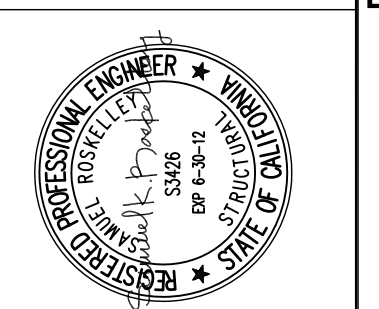
	SIZE PER PLAN 4x10		DROPPED BEAM (TOP OF BEAM @ TOP OF PLATE)
	SIZE PER PLAN 4x8		FLUSH BEAM (OR GIRDER FLOOR TRUSS) (BEARS ON TOP PLATES)
	SIZE PER PLAN 2-2x6		HEADER (SEE ARCHITECTURAL ELEVATIONS FOR HEIGHT ABOVE FLOOR OR SLAB)
	EXTENT SPAN		TYPICAL TRUSS @ 24" O.C.
	EXTENT		SHEAR WALL (ON FRAMING PLANS- INDICATES SHEAR PANEL, NAILING & HOLDOWNS)
			SHEAR WALL (ON FOUNDATION PLANS- INDICATES SILL ANCHORS AND EMBEDDED HOLDOWNS)
			POST OR DOUBLE STUD. SEE WALL FRAMING NOTE 8 FOR SIZE.
			WALL BELOW
			BEARING WALL BELOW
			WALL ABOVE

DESIGN CRITERIA

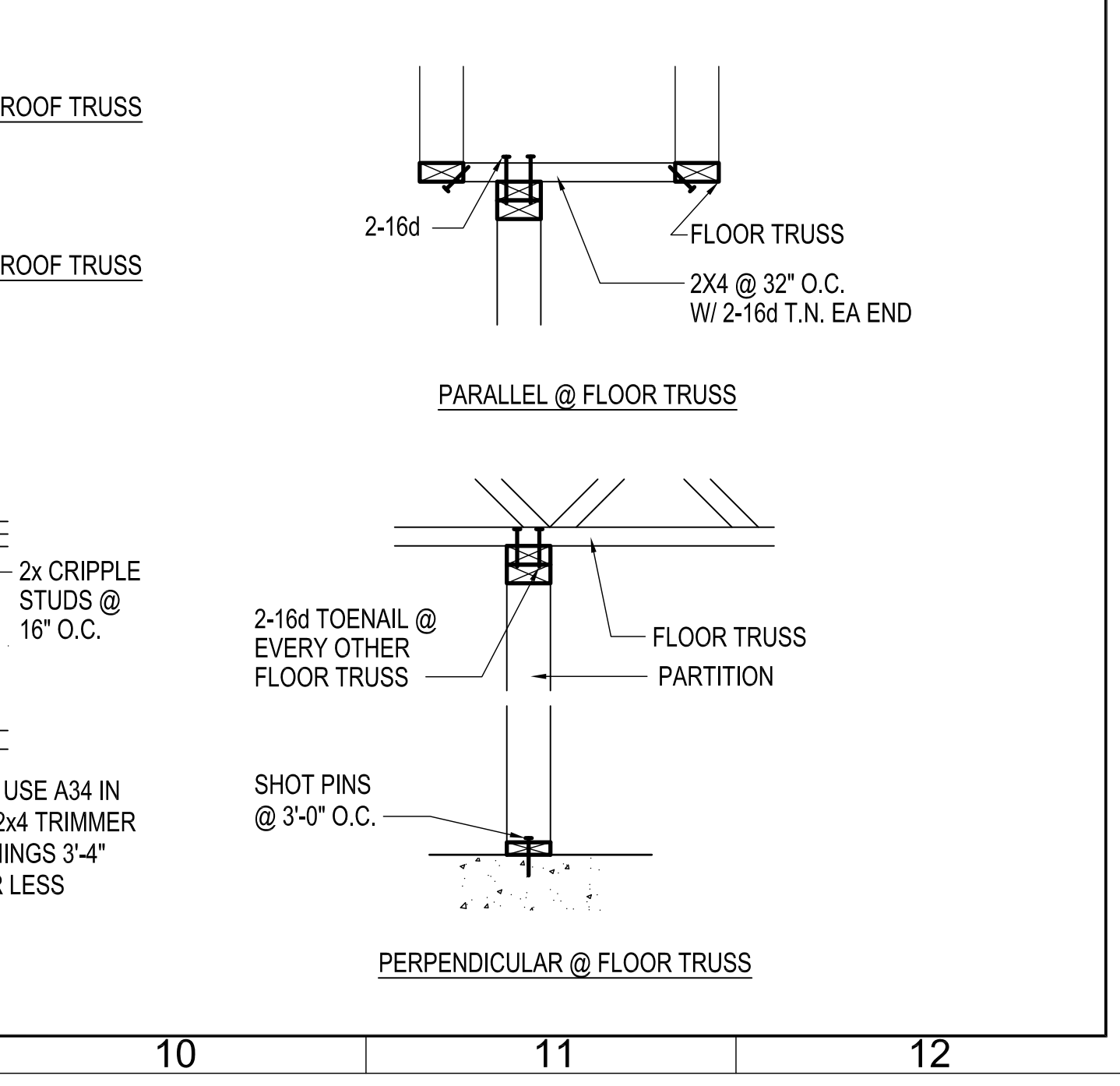
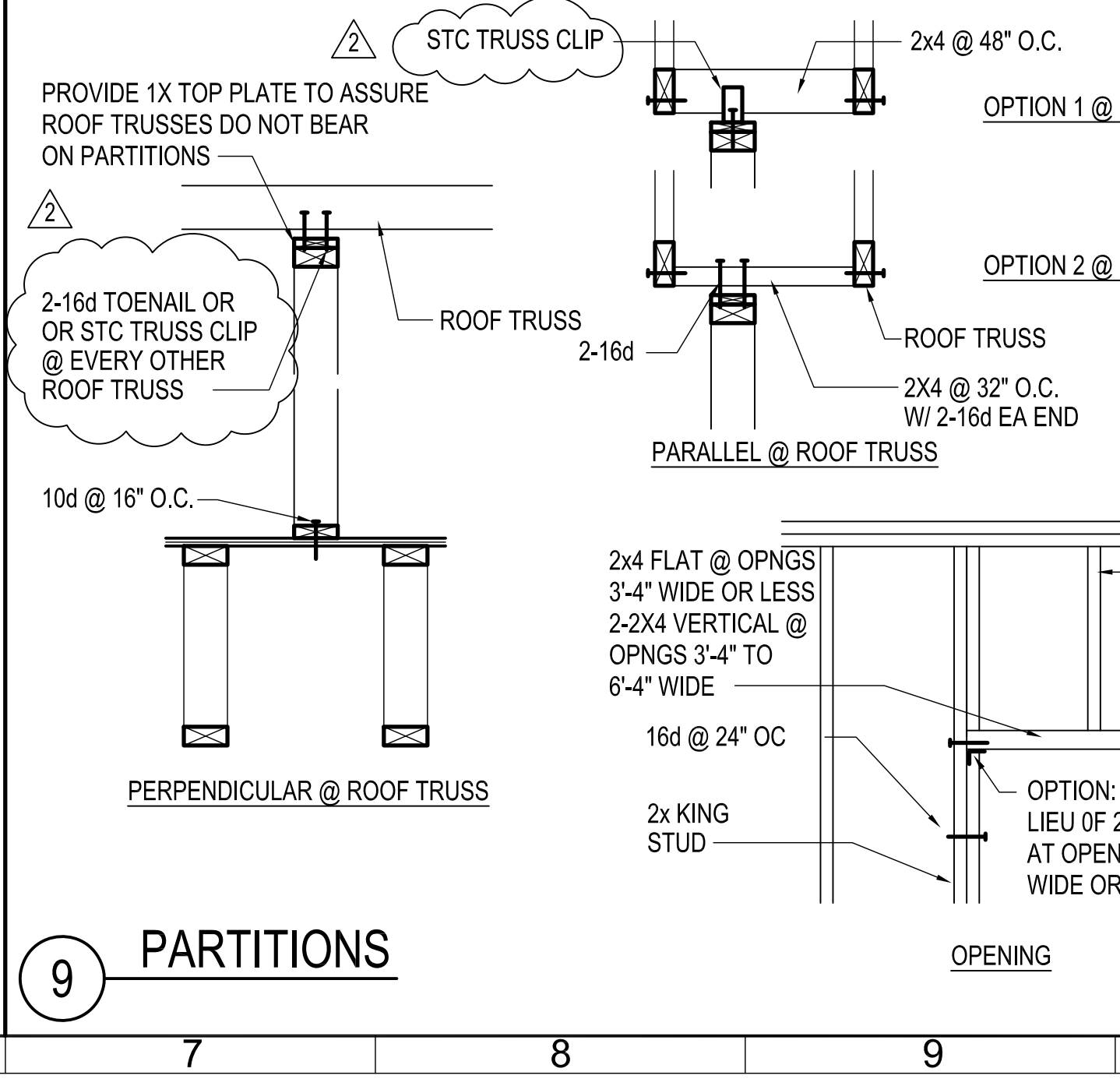
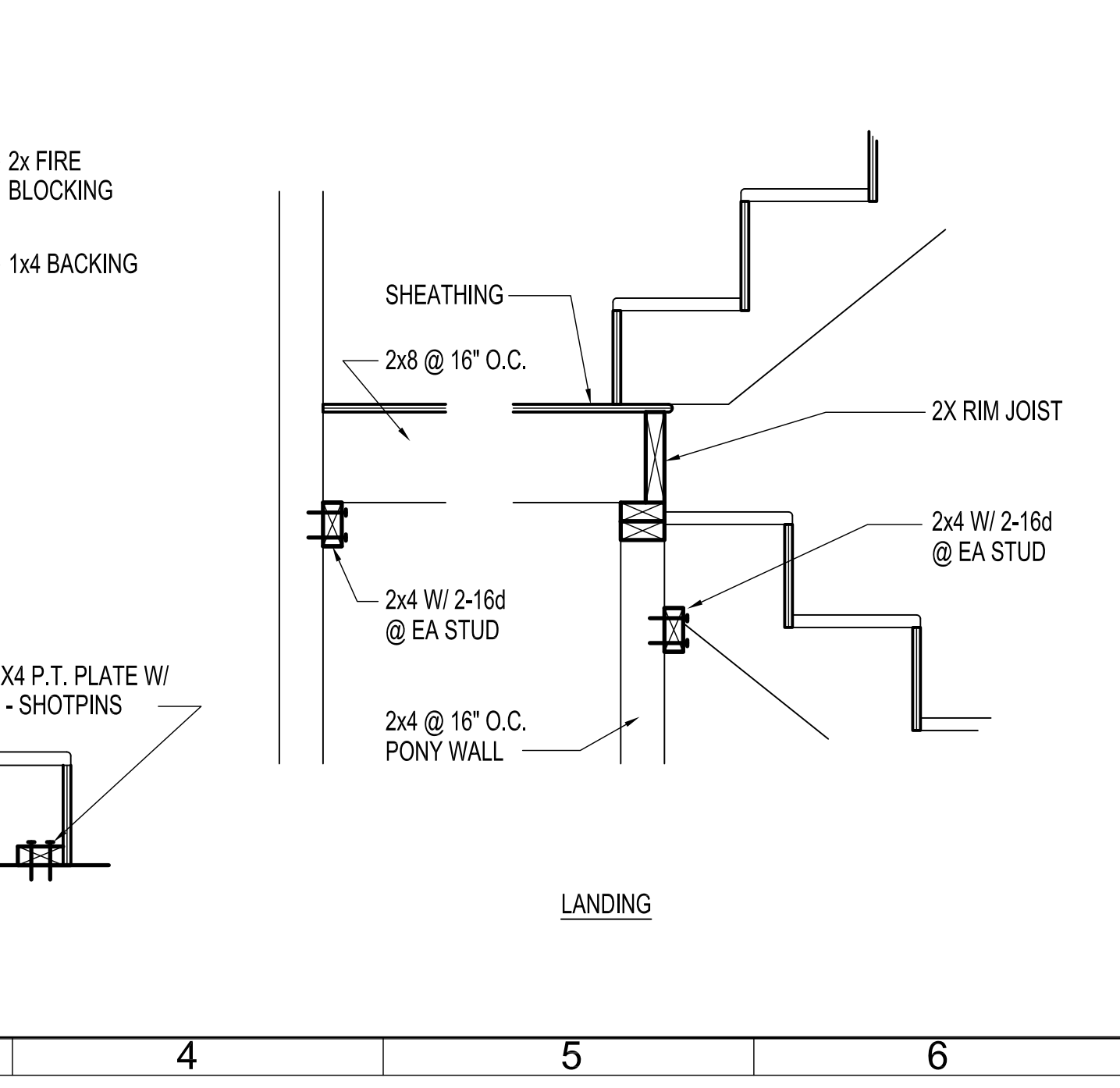
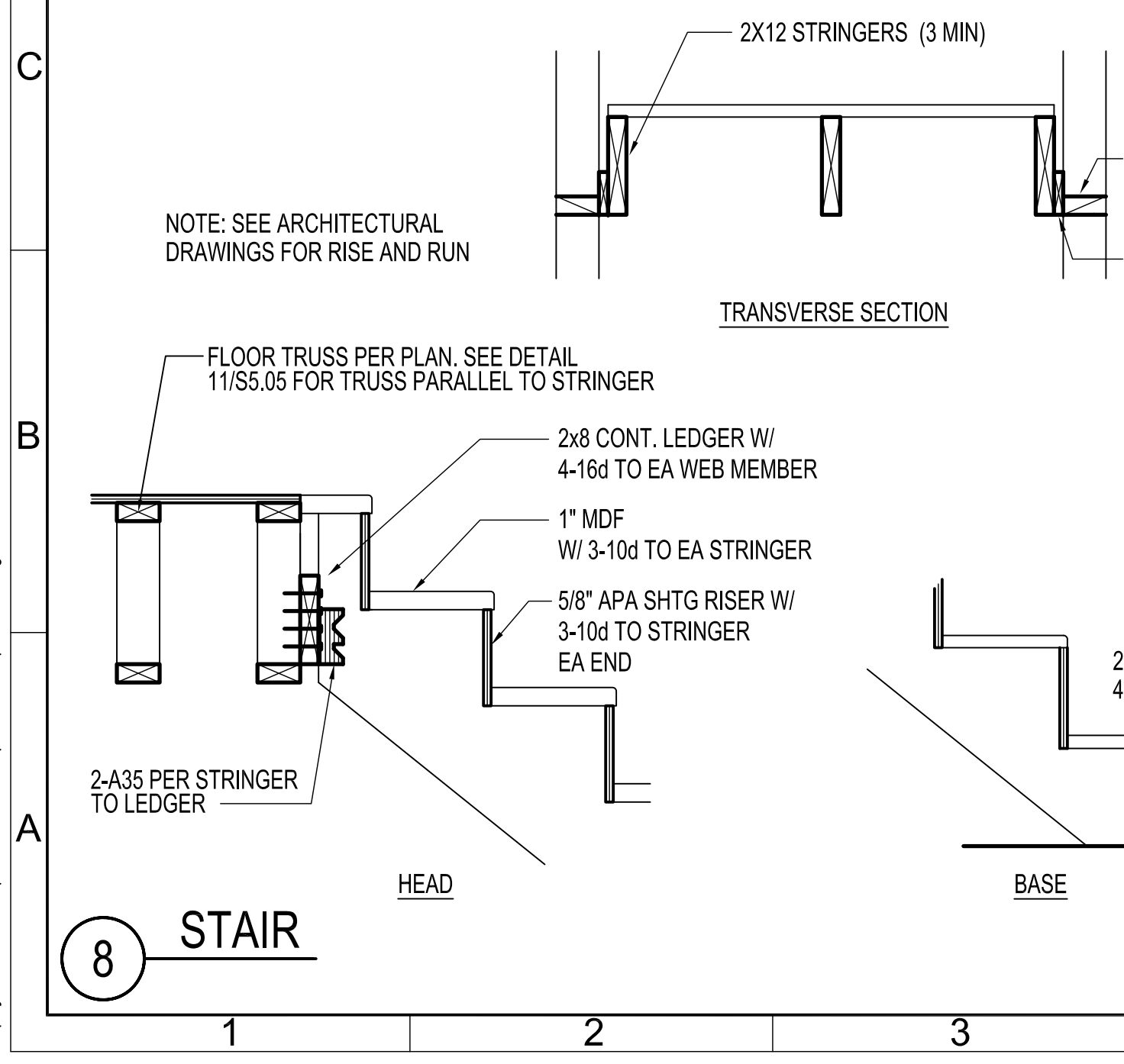
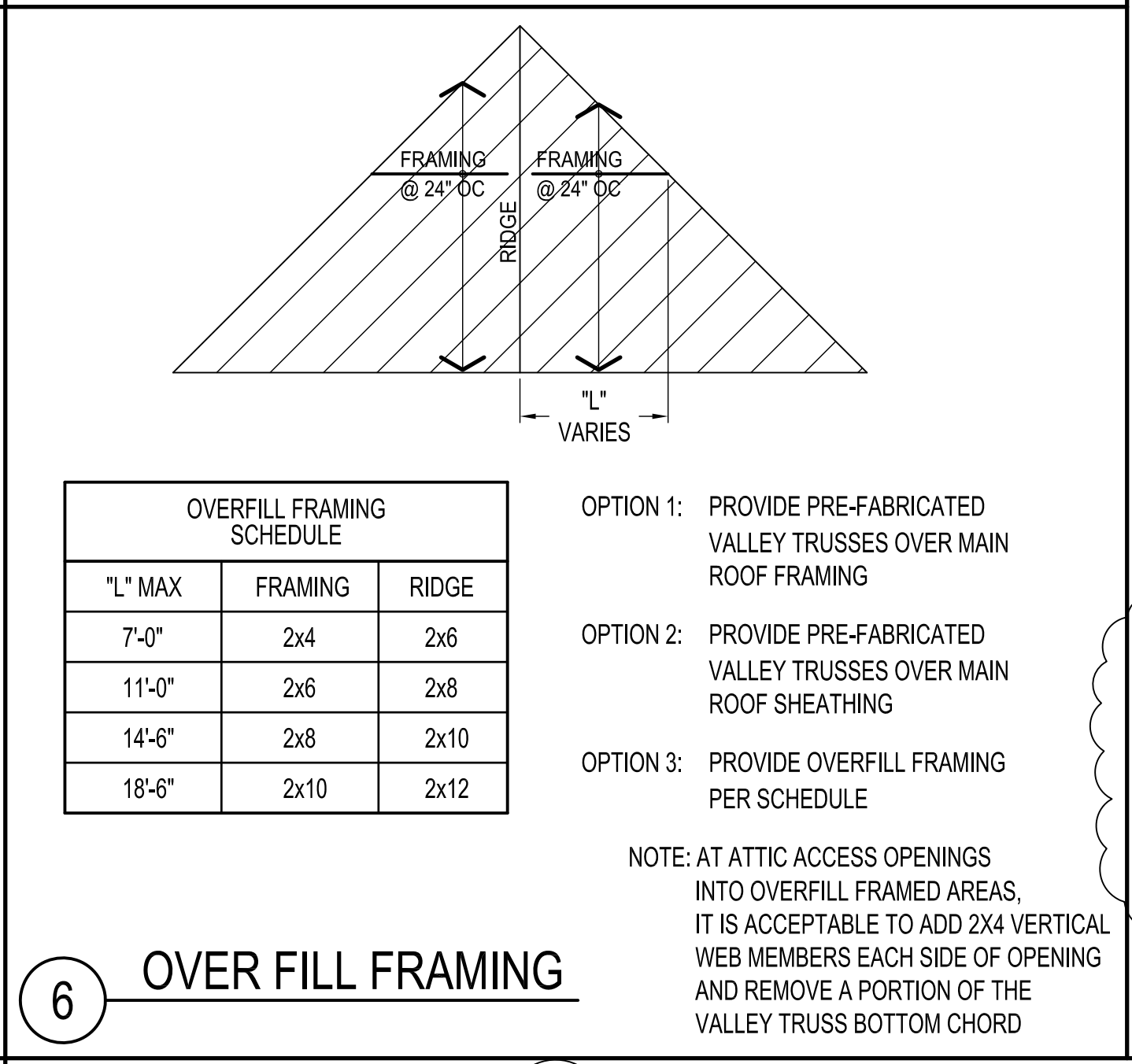
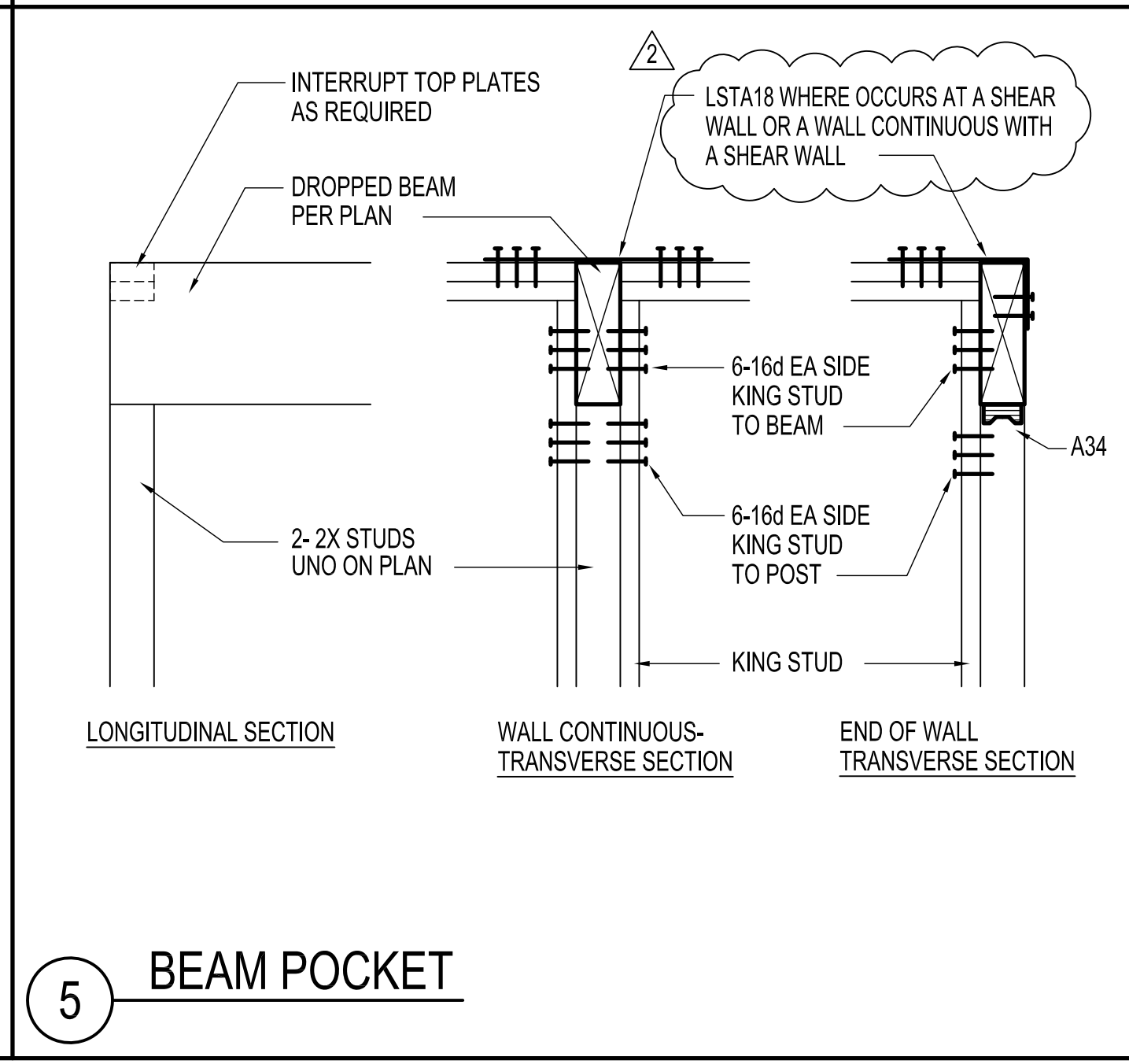
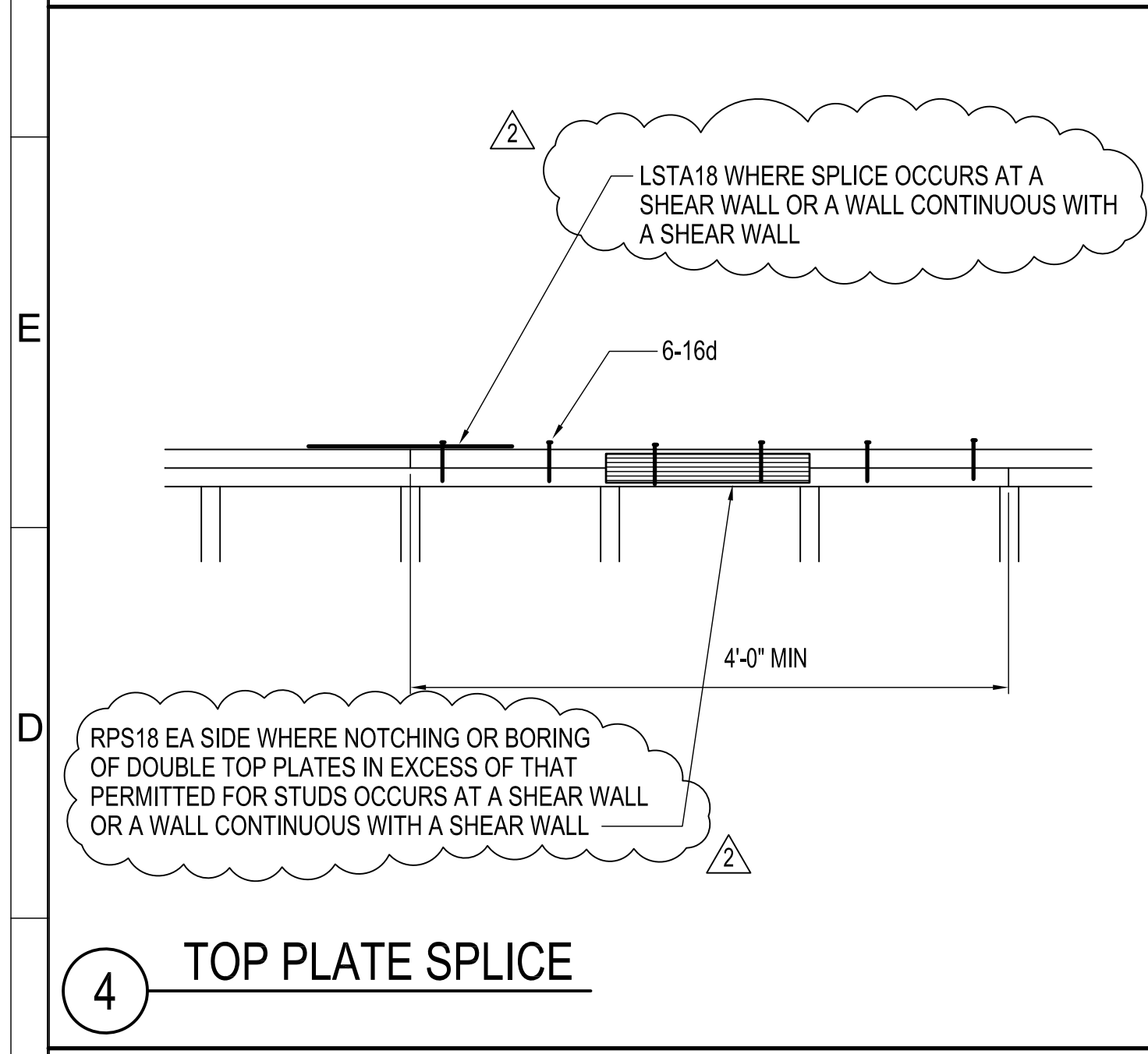
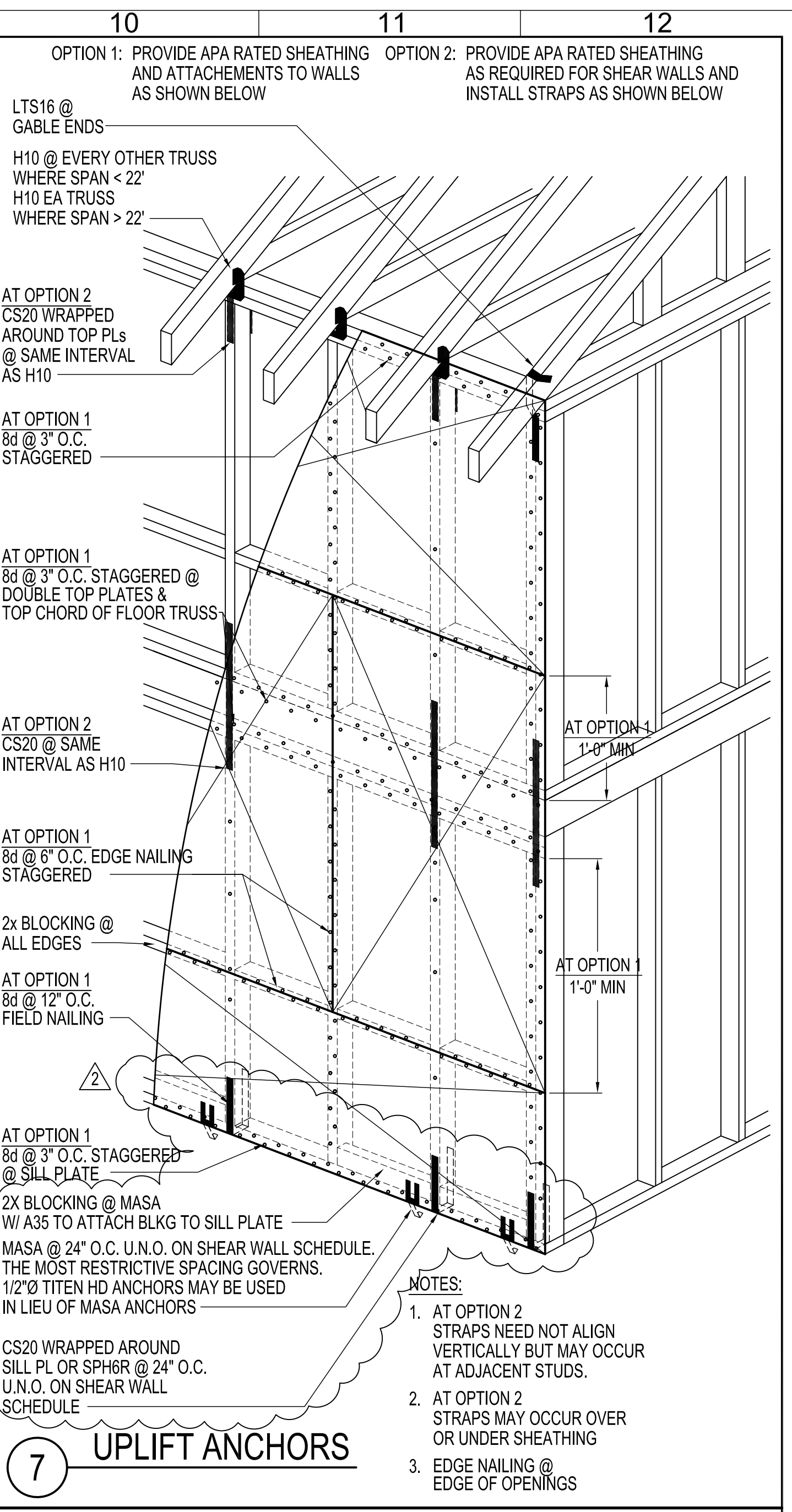
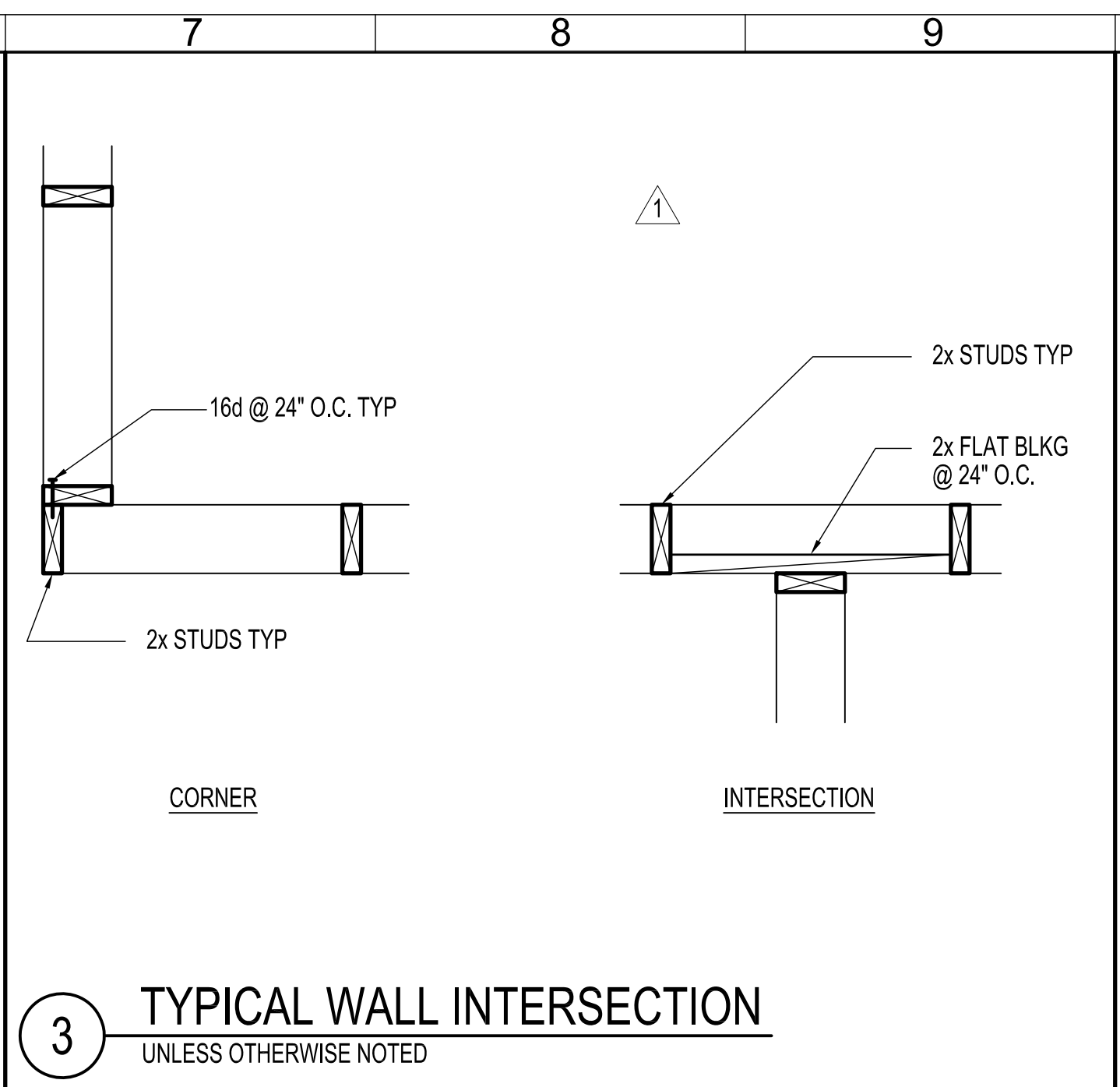
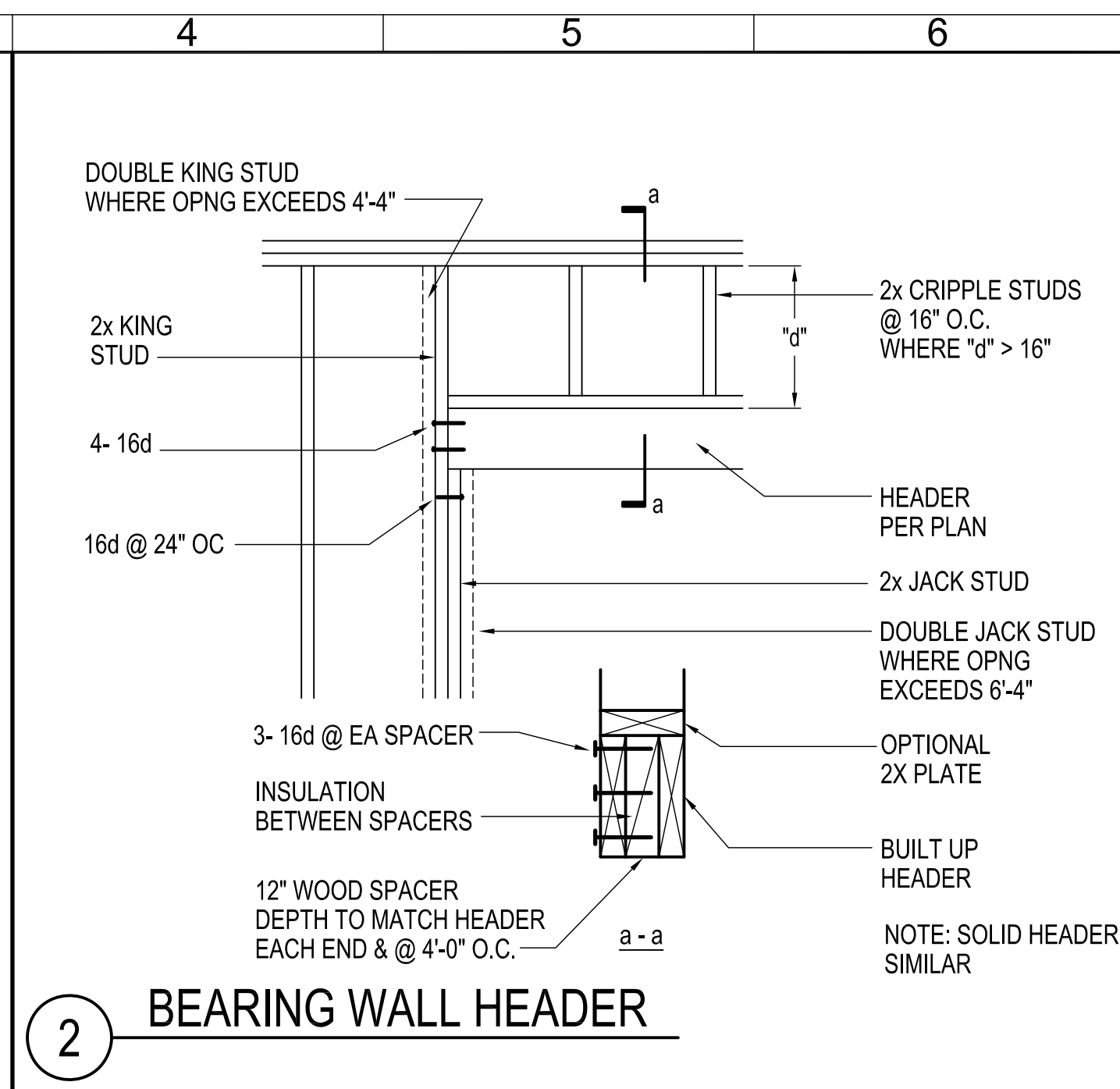
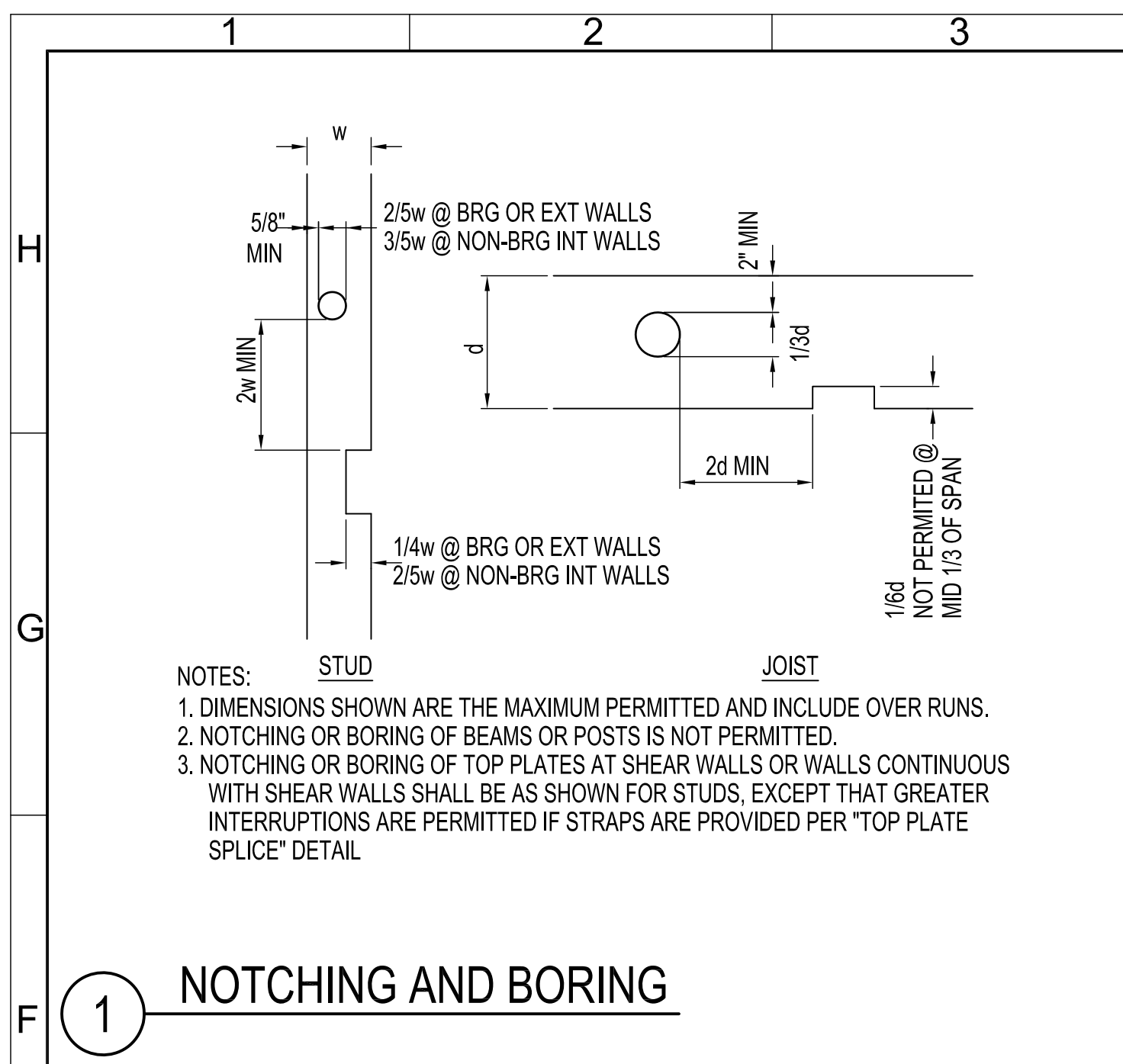
ROOF LIVE LOAD.....	20 PSF
WIND LOAD CRITERIA.....	130 MPH, EXPOSURE C
SEISMIC LOAD CRITERIA.....	CATEGORY B
ALLOWABLE SOIL BEARING.....	2000 PSF



Issue:	
Date:	
Issue:	100% SUBMITTAL
Date:	08-08-11
Issue:	BULLETIN # 2
Date:	



Project No:	09-0001
Drawn:	RHA
Checked:	RHA
Approved:	SKR
*Scale:	NONE
*use graphic scales if sheet size varies from 22 x 34	



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Issue: 11-04-10 100% SUBMITTAL
Date: 04-01-11
Issue: 08-08-11
Date: 08-08-11

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PHASE 3
136 NEW HOMES AT WATKINS GROVE
CAMP LEJEUNE, NORTH CAROLINA

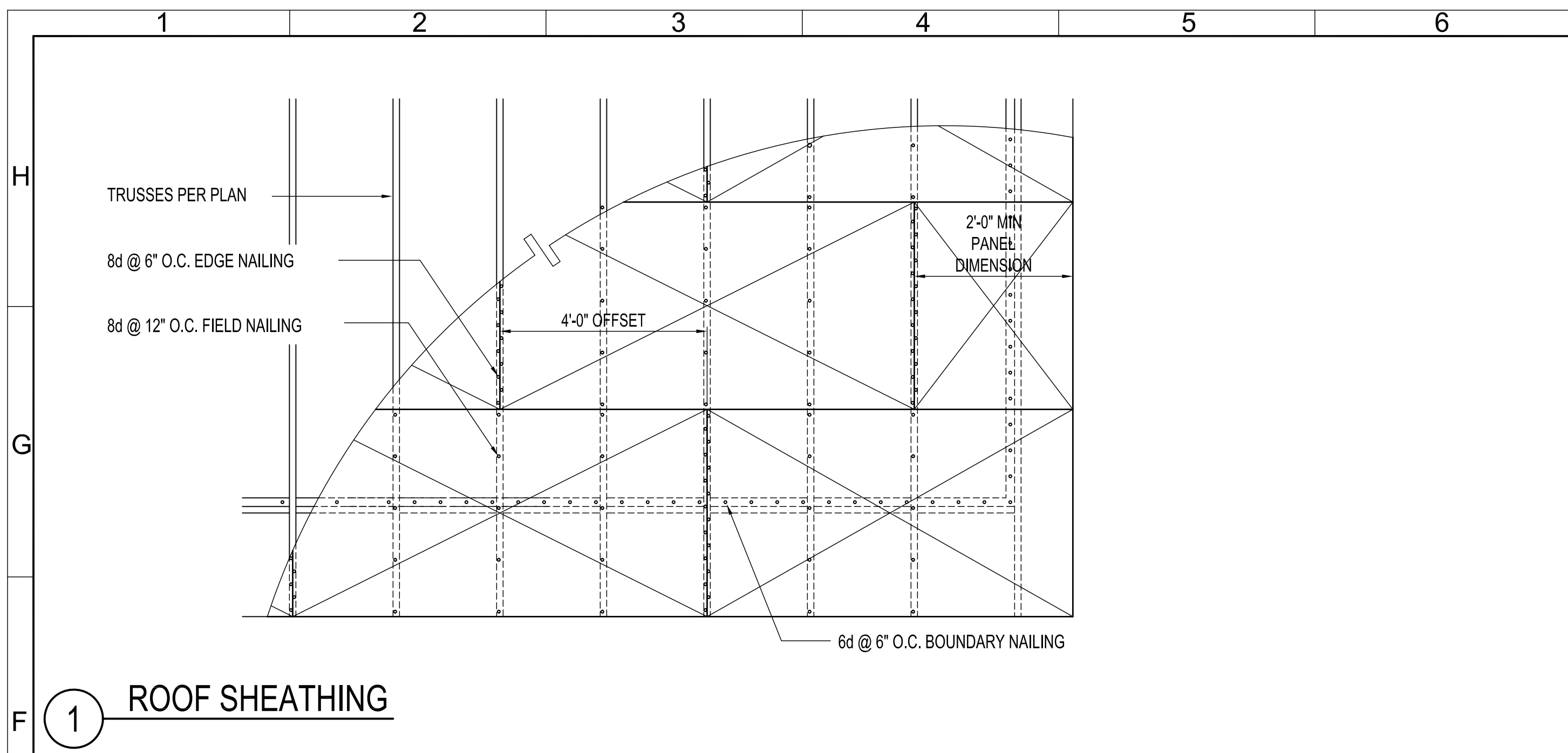
TYPICAL DETAILS

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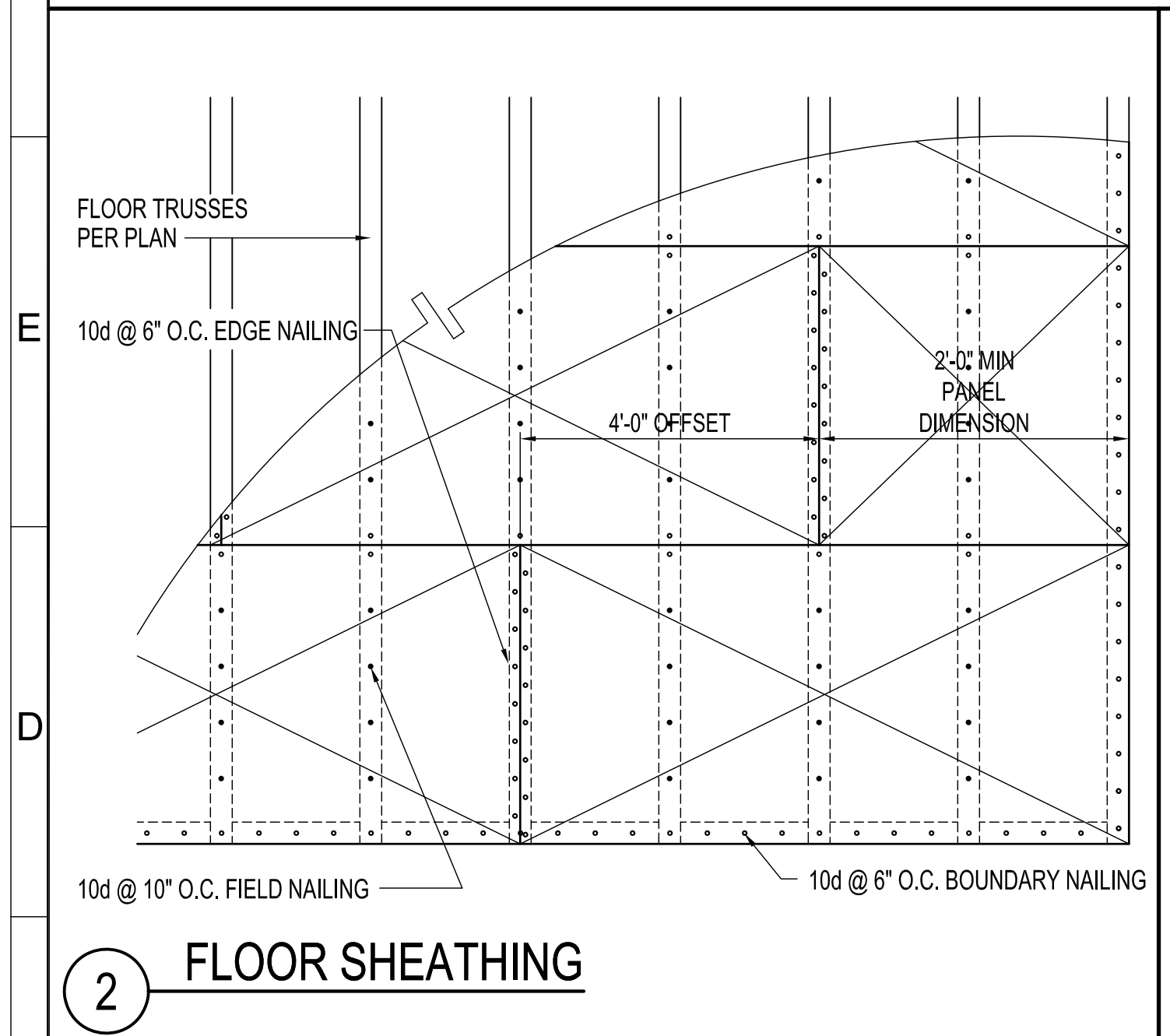
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1 ROOF SHEATHING



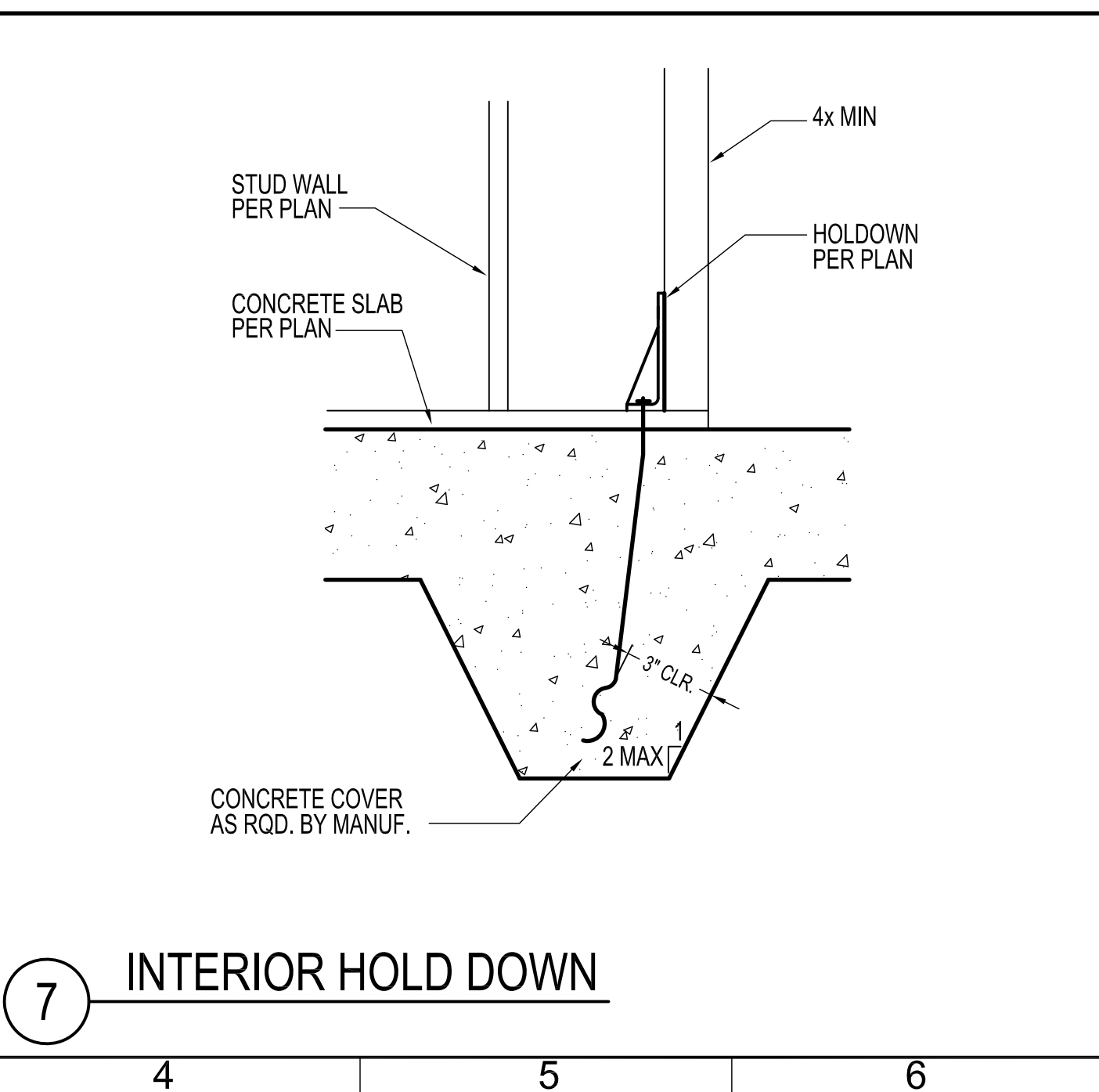
2 FLOOR SHEATHING

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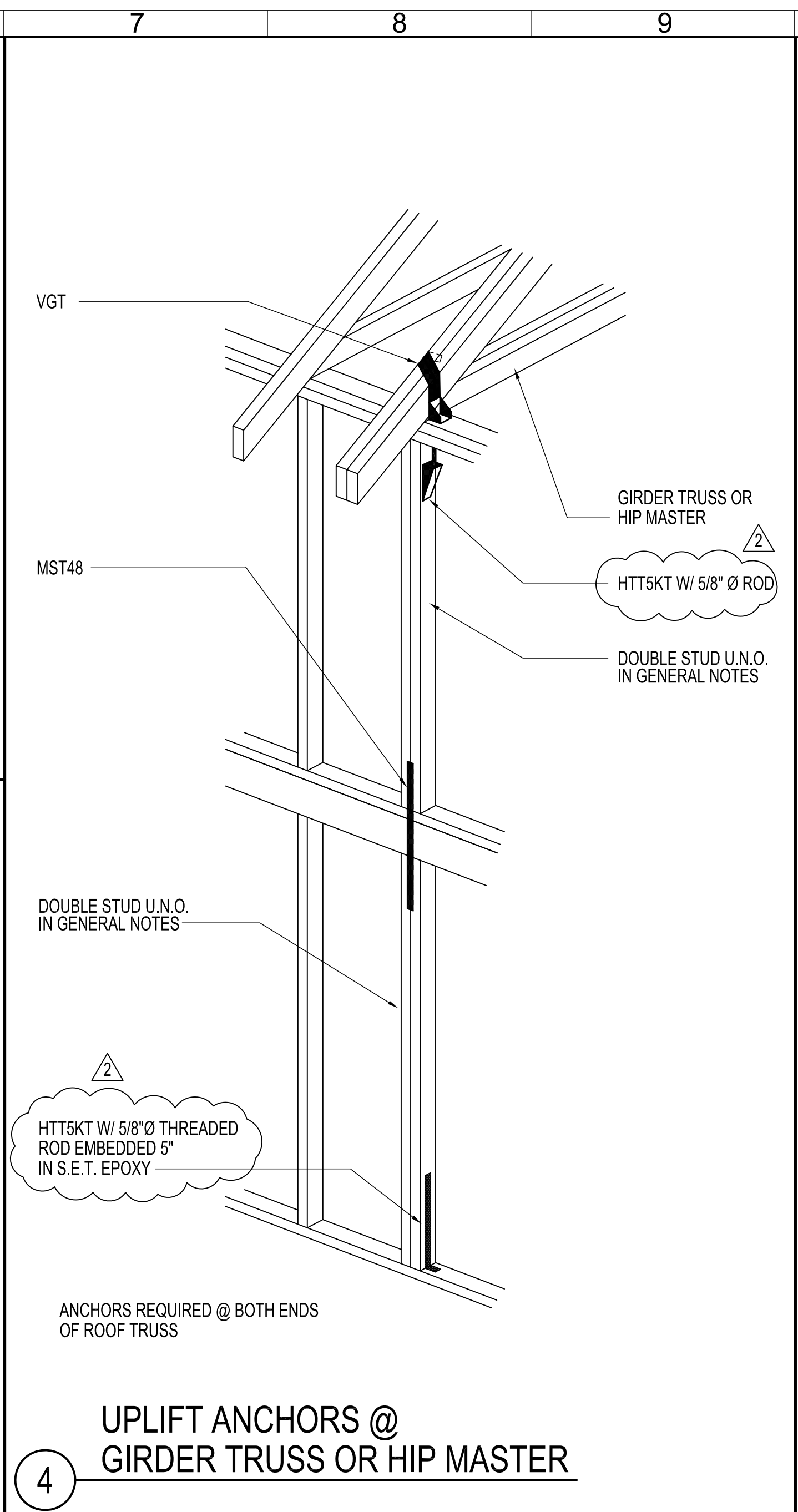
3 NOT USED

6 NOT USED

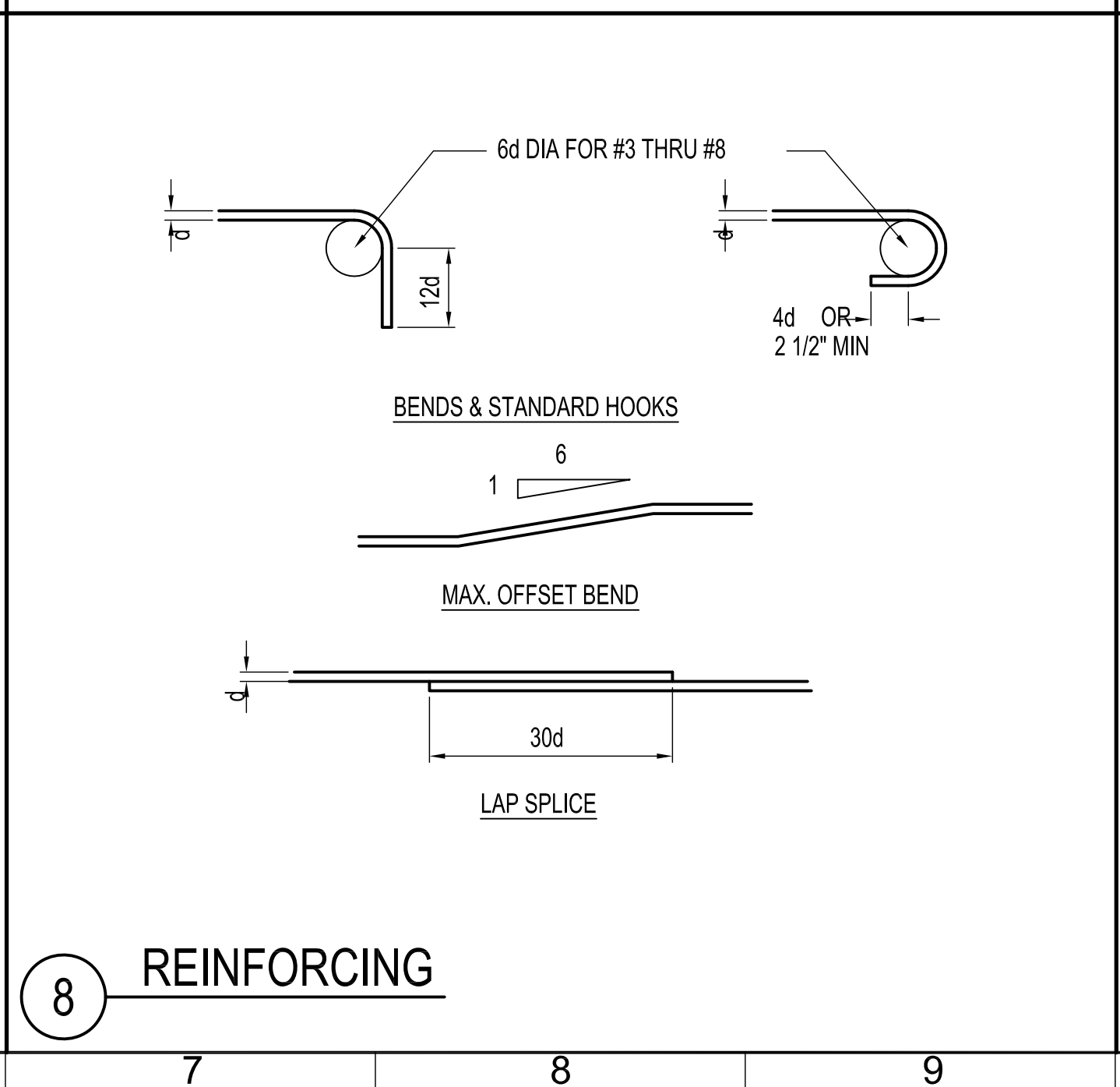
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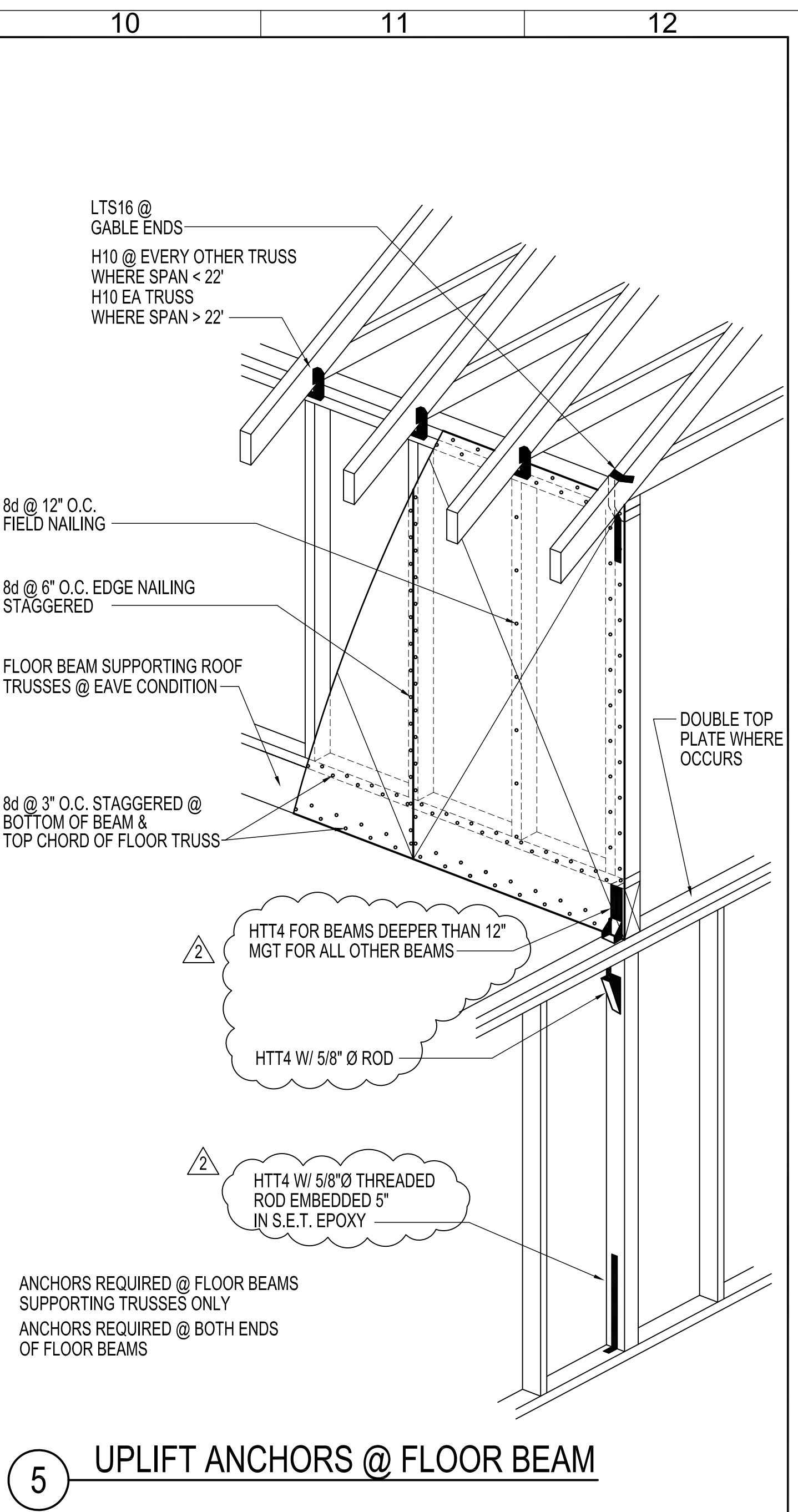
7 INTERIOR HOLD DOWN



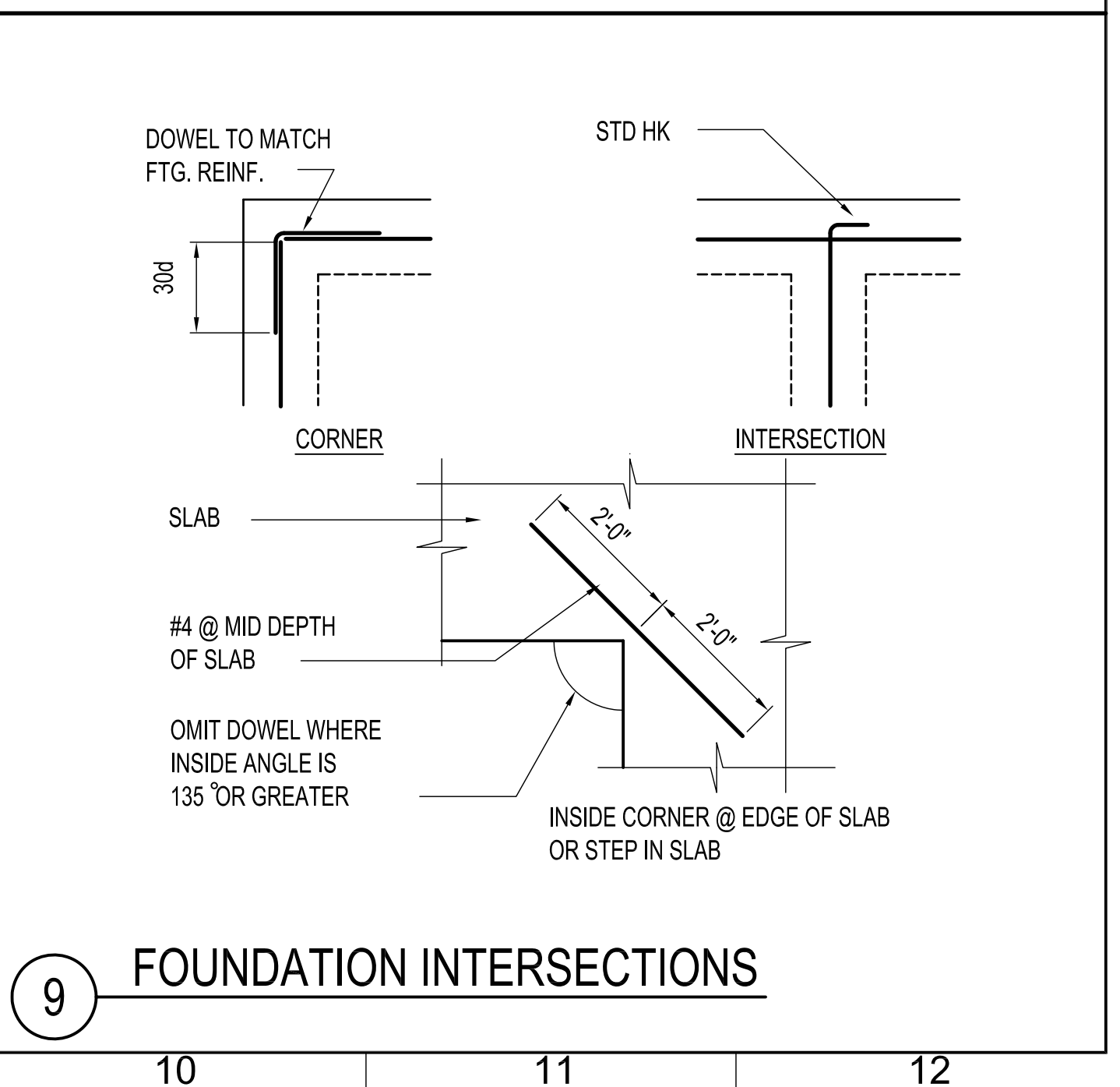
4 UPLIFT ANCHORS @ GIRDER TRUSS OR HIP MASTER



8 REINFORCING



5 UPLIFT ANCHORS @ FLOOR BEAM



9 FOUNDATION INTERSECTIONS

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Issue:	
Date:	
Issue:	11-04-10 100% SUBMITTAL
Date:	06-08-11
Issue:	100% BULLETIN # 2
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PHASE 3
136 NEW HOMES AT WATKINS GROVE
CAMP LEJEUNE NORTH CAROLINA

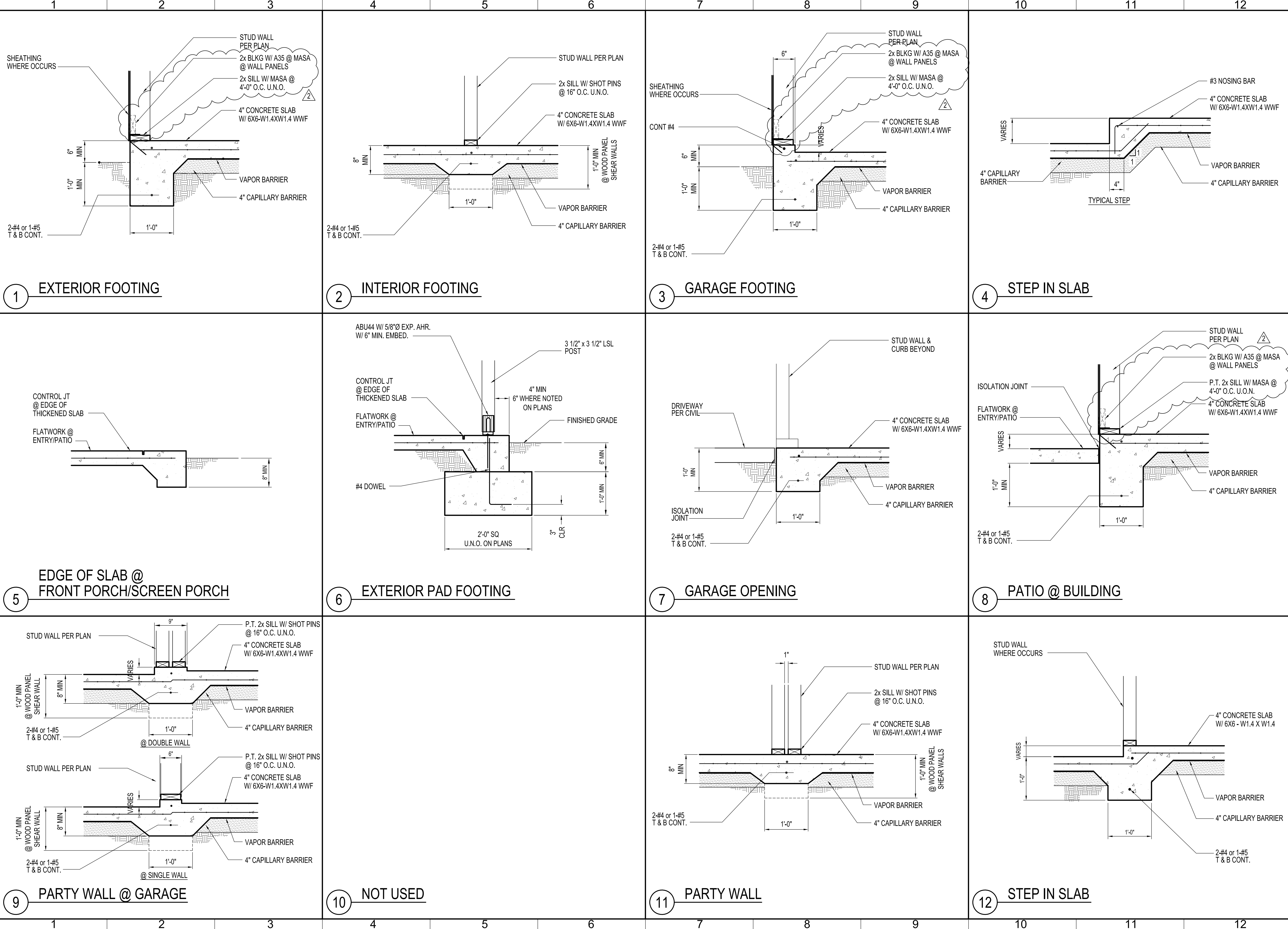
TYPICAL DETAILS

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Approved: SKR
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*use graphic scales if sheet size varies from 22 x 34

SHEET 86 OF 141

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Date: 08-08-11

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REGISTERED PROFESSIONAL ENGINEER
STATE OF VIRGINIA
No. 3426
Exp. 12/31/2011

PHASE 3
136 NEW HOMES AT WATKINS GROVE
CAMP LEJEUNE NORTH CAROLINA

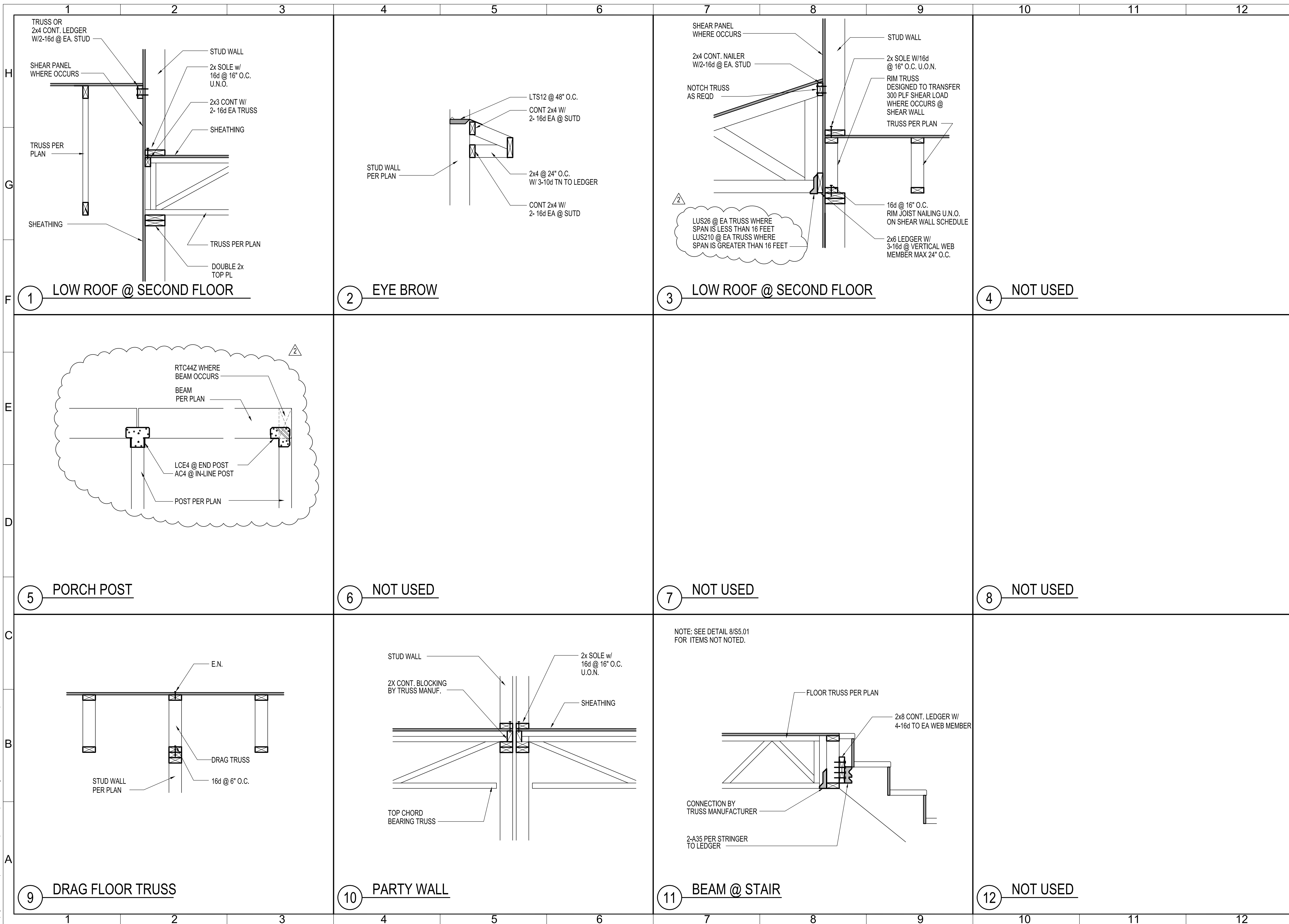
STRUCTURAL DETAILS

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Approved: SKR
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*Use graphic scales if sheet size varies from 22 x 34

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S5.03

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Issue:	
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1008 Harrison St.
Lynchburg, Virginia, 24504
(434) 846-5609 fax (434) 846-4230

PHASE 3
136 NEW HOMES AT WATKINS GROVE
CAMP LEJEUNE NORTH CAROLINA

STRUCTURAL DETAILS

Project No: 09-0001
 Drawn: RHA
 Checked: RHA
 Approved: SKR
 *Scale: NONE
 *Use graphic scales if sheet size varies from 22 x 34

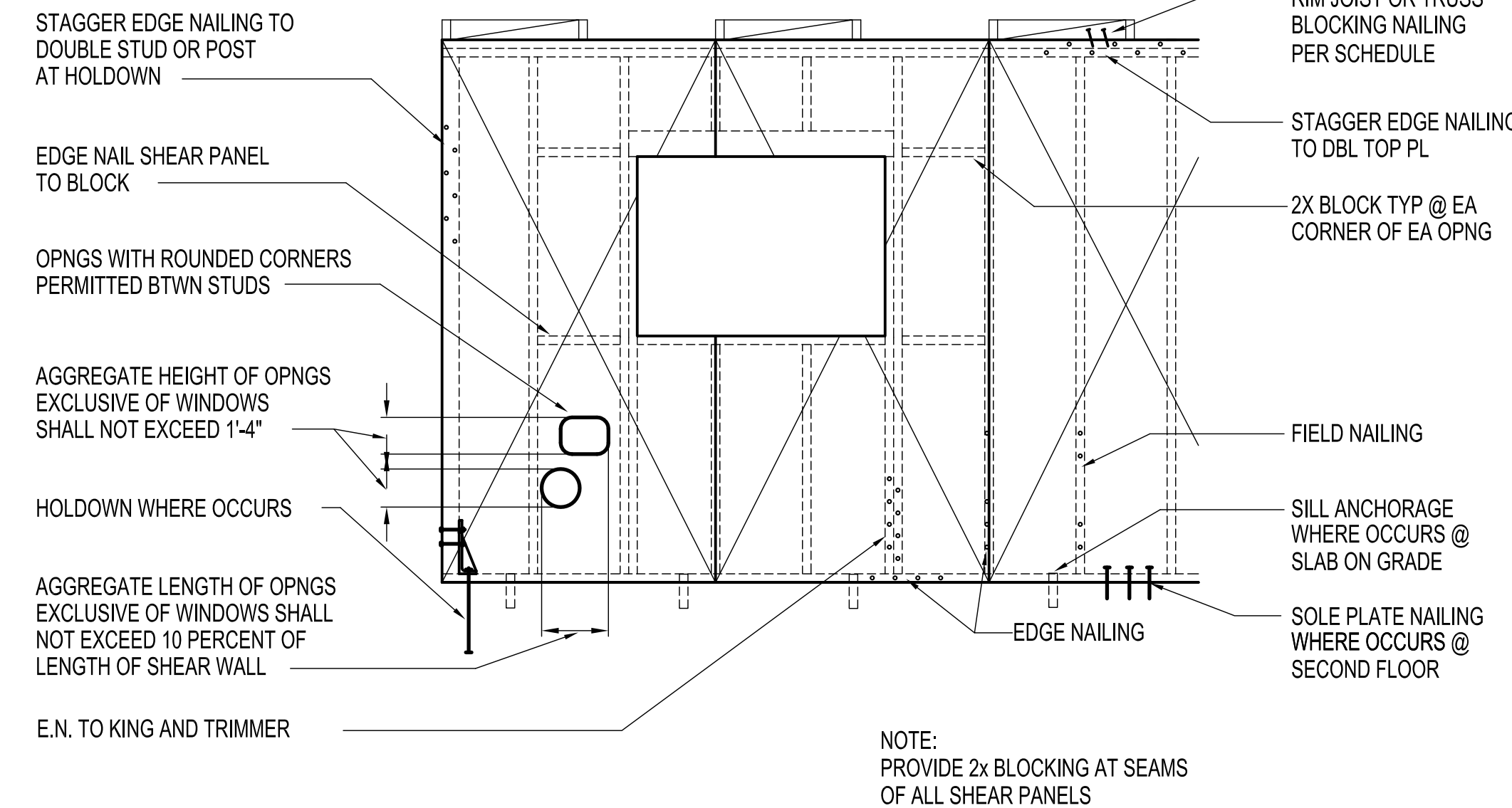
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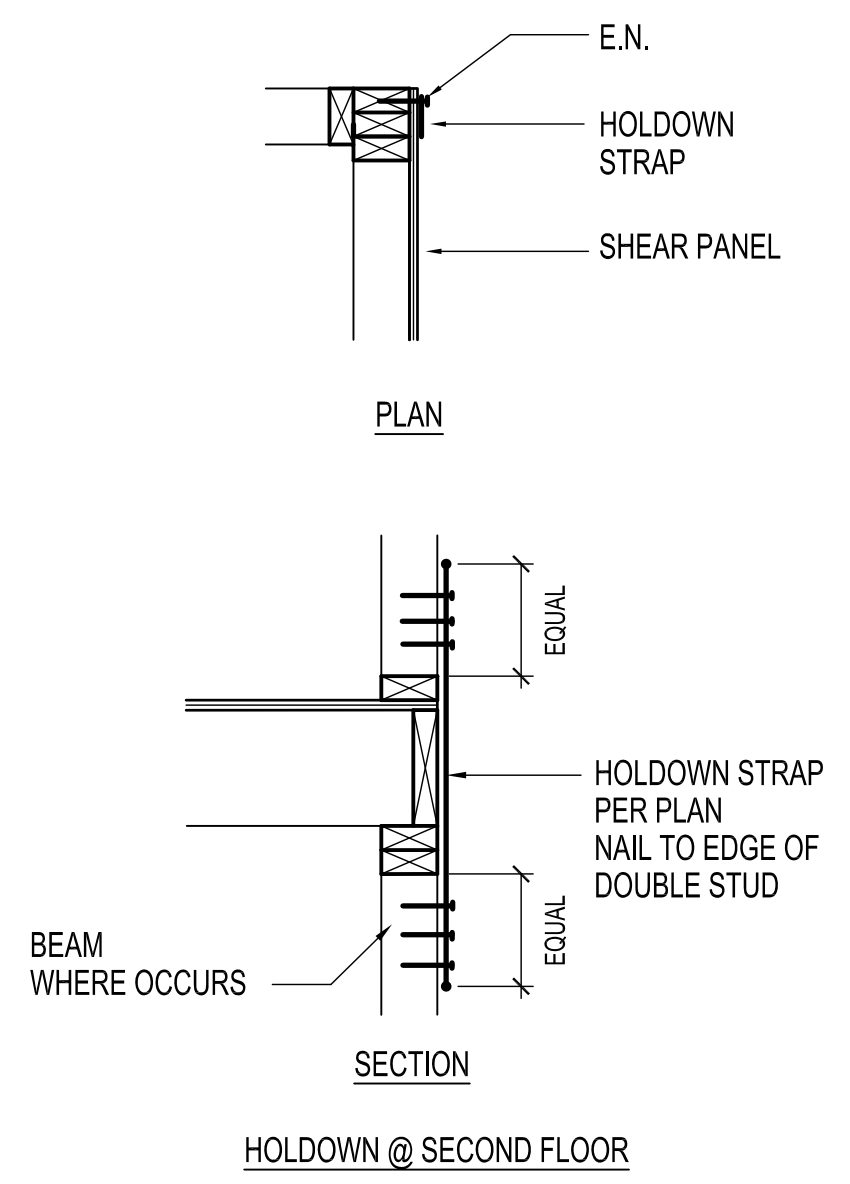
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SHEAR WALL SCHEDULE										
MARK	MATERIAL	EDGE NAILING	FIELD NAILING	EXT SILL (1) ANCHORAGE TO CONCRETE	ALTERNATE EXT SILL (1)(5) ANCHORAGE TO CONCRETE	INT SILL (1) ANCHORAGE	TRUSS BLK'G ANCHOR (1)(4)	RIM JOIST NAILING	SOLE PLATE NAILING	GABLE END/ ROOF DRAG TRUSS ANCHOR (1)
A	5/8" GYPSUM WALLBOARD	6d COOLER @ 7" OC	6d COOLER @ 7" OC	MASA @ 6'-0" OC	1/2" TITEN HD @ 6'-0" OC	SHOTPINS @ 1'-4" OC	2-A35 @ EA BLK	16d T.N. @ 12" O.C.	16d @ 12" OC	A35 @ 2'-6" O.C.
B	15/32" APA RATED SHEATHING	8d @ 6" OC	8d @ 12" OC	MASA @ 3'-9" OC	1/2" TITEN HD @ 3'-0" OC	SHOTPINS @ 10" OC	3-A35 @ EA BLK	16d T.N. @ 6" O.C.	16d @ 8" OC	A35 @ 1'-6" O.C.
C	15/32" APA RATED SHEATHING	8d @ 4" OC	8d @ 12" OC	MASA @ 2'-6" OC	1/2" TITEN HD @ 2'-0" OC	SHOTPINS @ 8" OC	4-A35 @ EA BLK	16d T.N. @ 4" O.C.	16d @ 6" OC	A35 @ 1'-0" O.C.
D	15/32" APA RATED SHEATHING	8d @ 3" OC	8d @ 12" OC	MASA @ 2'-0" OC	1/2" TITEN HD @ 1'-6" OC	SHOTPINS @ 6" OC	3-A35 @ EA BLK	16d T.N. @ 3" O.C.	16d @ 4" OC	A35 @ 9" O.C.
E	15/32" APA RATED SHEATHING	8d @ 2" OC	8d @ 12" OC	MASA @ 1'-6" OC	1/2" TITEN HD @ 1'-3" OC	SHOTPINS @ 4" OC	3-A35 @ EA BLK	A35 @ 8" O.C.	16d @ 3" OC	A35 @ 6" O.C.

NOTES: (1) WHERE SHEAR PANELS ARE INDICATED ON BOTH FACES OF WALL, PROVIDE DOUBLE THE SILL ANCHORAGE, SOLE PLATE NAILING, RIM JOIST NAILING, GABLE END ANCHOR, OR BLOCKING NAILING SHOWN.
(2) WHERE SHEAR PANELS ARE INDICATED ON BOTH FACES OF WALL, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS.
(3) FRAMING AT ADJOINING PANEL EDGES SHALL BE 3 INCH NOMINAL OR WIDER AND NAILS SHALL BE STAGGERED.
(4) PROVIDE BLOCKING EVERY OTHER TRUSS SPACE AT SHEAR WALLS A THRU D. PROVIDE BLOCKING EVERY TRUSS SPACE AT SHEAR WALLS E.
(5) 1/2" TITEN HD ANCHORS EMBEDDED 3 5/8" INTO CONCRETE.

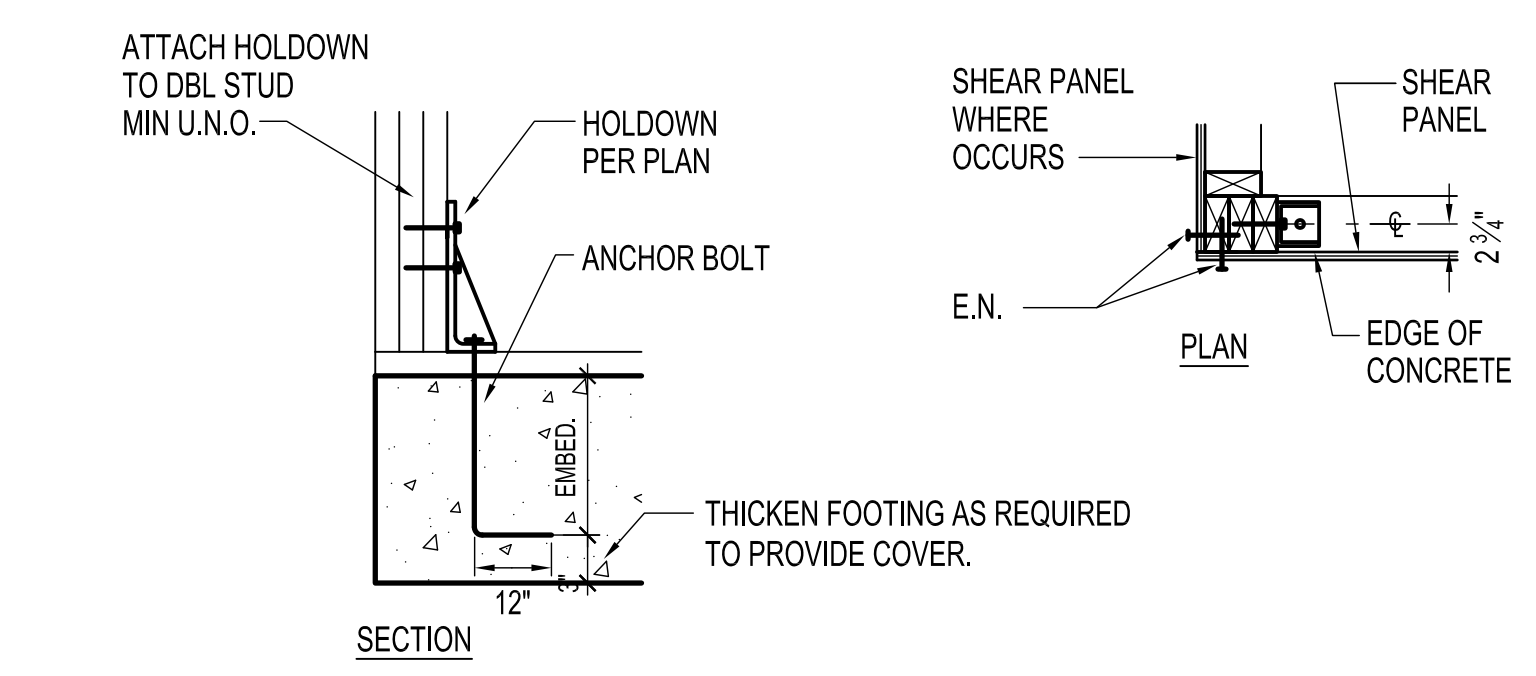
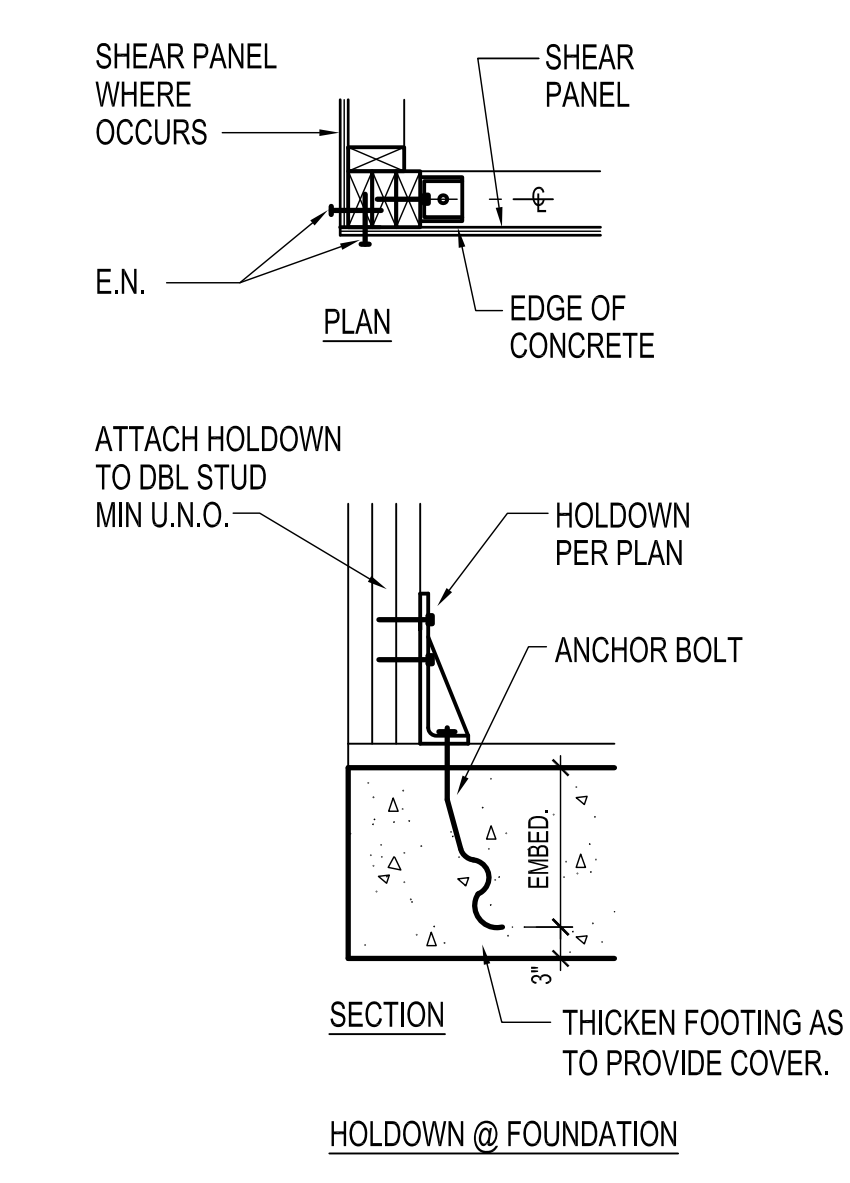


1 SHEAR WALL



HOLDOWN SCHEDULE					
MARK	HOLDOWN	ANCHOR BOLT	EMBEDMENT	CONNECTION TO POST	ALT. ADHESIVE ANCHOR BOLT
a	CS20	-	-	20-8d	-
b	MST37	-	-	20-16d	-
c	MST48	-	-	32-16d	-
d	MST60	-	-	46-16d	-
e	DTT22	1/2" TITEN HD	3 5/8"	8-SDS 1/4" x 1 1/2" SCREWS	1/2" THREADED ROD IN A.T. EPOXY EMBED 4 1/4"
f	HTT4	SSTB20	16 5/8"	18-SD #10 x 1 1/2" SCREWS	5/8" THREADED ROD IN A.T. EPOXY EMBED 5 1/2"
g	HTT4	SSTB20	16 5/8"	18-SD #10 x 1 1/2" SCREWS	5/8" THREADED ROD IN A.T. EPOXY EMBED 5 1/2"
h	HTT5	SSTB20	20 5/8"	26-16d x 2 1/2"	5/8" THREADED ROD IN A.T. EPOXY EMBED 9 3/8"
(1) j	HDU8	SSTB28	24 7/8"	20-SDS 1/4" x 3" SCREWS	7/8" THREADED ROD IN A.T. EPOXY EMBED 7 3/4"
(2) k	HDU11	1" AB	24"	30-SDS 1/4" x 2 1/2" SCREWS	1" THREADED ROD IN S.E.T. EPOXY EMBED 9"
(3) l	HDU14	1" AB	24"	36-SDS 1/4" x 2 1/2" SCREWS	1" THREADED ROD IN S.E.T. EPOXY EMBED 15"
m	MSTC78	-	-	76-16d SINKER	-

(1) ATTACH HOLDOWN TO 3-2x STUDS MIN.
(2) ATTACH HOLDOWN TO 4x6 POST MIN.
(3) ATTACH HOLDOWN TO 6x6 POST MIN.



2 HOLDOWN

3 NOT USED

4 BEAM TO BEAM CONNECTION UNLESS NOTED OTHERWISE ON THE PLANS

HANGER SCHEDULE	
BEAM SIZE CONNECTION	HANGER
2-2x8	HU28-2
2-2x10	HHUS210-2
2-2x12	HU212-2
2-1 3/4" x 7 1/4" LVL	HGUS48
2-1 3/4" x 9 1/4" LVL	HGUS410
2-1 3/4" x 11 1/4" LVL	HGUS412
2-1 3/4" x 14" LVL	HGUS414
2-1 3/4" x 16" LVL	HGUS414

FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

STRUCTURAL ELEMENT	NUMBER & TYPE OF FASTENER	SPACING OF FASTENER
JOIST TO SILL OR GIRDER, TOE NAIL	3-8d	-
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	16d	16" O.C.
TOP OR SOLE PLATE TO STUD, END NAIL	2-16d	-
STUD TO SOLE PLATE, TOE NAIL	3-8d or 2-16d	-
DOUBLE STUDS FACE NAIL	10d	24" O.C.
DOUBLE TOP PLATES, FACE NAIL	10d	24" O.C.
DOUBLE TOP PLATES, MIN. 48" OFFSET OF END JOIST, FACE NAIL IN LAPPED AREA	8-16d	-
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOE NAIL	3-8d	-
RIM JOIST TO TOP PLATE, TOE NAIL	8d	6" O.C.
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS, FACE NAIL	2-10d	-
BUILT UP HEADER, TWO PIECES WITH 1/2" SPACER	16d	16" O.C.
ROOF TRUSS TO PLATE, TOE NAIL	2-16d	-
BUILT-UP CORNER STUDS	10d	24" O.C.
BUILT-UP GIRDERS & BEAMS, 2" LUMBER LAYERS	10d	32" O.C. @ TOP & BOTTOM & STAGGERED, 2 NAILS @ ENDS AND @ EACH SPLICE

5 FASTENER SCHEDULE

Atlantic COMMUNITIES Marine Corps

INCIDENT & INJURY FREE SIN LESIÓN O ACCIDENTE

Actus Lend Lease

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PHASE 3 136 NEW HOMES AT WATKINS GROVE CAMP LEJEUNE NORTH CAROLINA

FRAMING SCHEDULES

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