

DESIGN SPECIFICATIONS

DESIGN CODE:
2010 FLORIDA BUILDING CODE – RESIDENTIAL

DESIGN LOADS: ACTUAL AND UNIFORM

ROOF:
ROOF LOADING (c/d=1.25)
TOP CHORD LIVE LOAD 20 psf
TOP CHORD DEAD LOAD 7 psf (ARCH SHINGLES)
BOTTOM CHORD LIVE LOAD 10 psf (TILE SHINGLES)
BOTTOM CHORD DEAD LOAD 5 psf

FLOOR:
FLOOR LOADING (c/d=1.00)
TOP CHORD LIVE LOAD 40 psf
TOP CHORD DEAD LOAD 10 psf
BOTTOM CHORD LIVE LOAD 10 psf
BOTTOM CHORD DEAD LOAD 5 psf

DEFLECTION CRITERIA:
ROOF FRAMING: LIVE LOAD L/240 TOTAL LOAD L/180
FLOOR FRAMING: LIVE LOAD L/360 & TOTAL LOAD L/240

WIND LOADING:
ASCE 7/10 FOR WIND UPLIFT, TRUSSES SHALL BE DESIGNED WITH A MIN. DEAD LOAD CONDITION OF 5 PSF TOP CHORD AND 5 PSF BOTTOM CHORD. REACTIONS CALCULATED FOR THE BEARING POINTS OF ROOF TRUSSES SHALL BE REDUCED, SPECIFICALLY, ATTIC FLOOR LIVE LOADS COMBINED WITH ROOF LIVE LOADS SHALL BE MULTIPLIED BY 0.75 WHEN COMBINED W/ DEAD LOAD.

BASIC WIND SPEED (ASCE 7-10) **130 MPH**
IMPORTANCE FACTOR **1.00**
MEAN ROOF HEIGHT **25.0 FT**
ROOF PITCH **VARIABLES**
BUILDING CATEGORY **C**
EXPOSURE CATEGORY **C**
ENCLOSURE CLASSIFICATION **ENCLOSED**
INTERNAL PRESSURE COEFFICIENT **± .18**

COMPONENTS & CLADDING ALLOWABLE PRESSURES	TRIBUTARY AREA (sf)	INTERIOR ZONE (PSF)	EDGE STRIP (PSF) a = 4'-6"
10	+25.6	-27.7	+25.6 -34.2
50	+22.9	-25.0	+22.9 -28.8
100	+21.8	-23.9	+21.8 -26.6

THE VALUES ABOVE ARE ALLOWABLE WIND PRESSURE VALUES (ASD). THE ABOVE WIND PRESSURES HAVE BEEN REDUCED BY 0.80 AS PERMITTED BY THE ALLOWABLE STRESS DESIGN METHODOLOGY. NO FURTHER REDUCTION SHALL BE PERMITTED.

- COMPONENT & CLADDING WALL ELEMENTS SHALL BE DESIGNED FOR BOTH POSITIVE AND NEGATIVE PRESSURES SHOWN IN TABLE ABOVE.
- LINEAR INTERPOLATION IS PERMISSIBLE.
- PLUS = PRESSURE AND MINUS = SUCTION.
- THE DISTANCE 'a' FROM OUTSIDE CORNERS OF BUILDING SHALL BE DESIGNED FOR EDGE STRIP PRESSURES.
- DESIGN OF WINDOWS/DOORS FASTENING TO THE WALL FRAMING IS THE RESPONSIBILITY OF OUR WINDOW/DOOR MANUFACTURER & SHALL MEET THE ABOVE NOTED POSITIVE AND NEGATIVE PRESSURES.

QUICKTIE CONNECTORS

CONNECTOR	UPLIFT		FASTENERS	FL# CODE
	SYP	SPF		
HA4	660	528	(9)10dX1 1/2"	3557.2
HTS16	1255	1255	(16)10dX1 1/2"	3557.5
MS36	1835	1468	(26)10dX1 1/2"	3557.4
LSTA12	925	765	(10)10d	3557.4
CS16	1705	1705	(13)8d EA. END	3557.1
LS18	1005	804	(14)10dX1 1/2"	3557.4
MS24	1270	1016	(18)10dX1 1/2"	3557.4
SC35	295	236	(12)10dX1 1/2"	3557.10
SC35F	500	400	(12)10dX1 1/2"	3557.10
LS12	715	572	(10)8d	3557.4
OTB(X) BLUE	N/A	N/A	N/A	3557.7
OTB(X) GREEN	N/A	N/A	N/A	3557.7
OTB(X) ORANGE	N/A	N/A	N/A	3557.8
OTB(X) RED	N/A	N/A	N/A	3557.9
ITW/REDHEAD GS EPOXY			C/E/A	14419.1

SIMPSON CONNECTORS

CONNECTOR	UPLIFT		FASTENERS	FL# CODE
	SYP	SPF		
A35	450	450	12-8dX1 1/2"	10446.4
H2.5T	600	520	5-8d EA. END	11478.3
H8-1/2	620	530	5-10dX1 1/2" EA. END	11470.3
MTS12	1000	860	7-10dX1 1/2" EA. END	10456.3
HTS20	1450	1245	24-10dX1 1/2" EA. END	13872.3
MSTA24	1765	1270	9-10d EA. END	13872.4
MSTA36	2050	1870	13-10d EA. END	13872.8
MSTAM24	1465	1270	9-10d EA. END	11473.19
MSTC66	5660	5660	38-16d EA. END	10852.11
MGT	3965	3330	22-10d TO TRUSS	11470.7
PH05	4685	4380	14-5D5 1/4"x3" TO TRUSS/BEAM	10441.10
HTT4	3480	3080	18-16d TO TRUSS/BEAM	11496.2
HTT5	5250	4670	32-16d TO TRUSS/BEAM	11496.2
HU08	8325	7210	20-5D5 1/4"x3" TO TRUSS/BEAM	11441.1
LUS28	930	780	1-3/4" ROD TO FTG.	10655.113
HU410	905	785	14-16d TO HEADER	10531.36
ABU44	2200		3/4" ROD w/ 12-16d	10849.6
ABU66	2300		3/4" ROD w/ 12-16d	10849.6
SET	N/A	N/A	SIMPSON EPOXY-TIE	11506.4
LTT20B	1675	1675	10-16d TO STUD/BEAM/POST	11496.3
LSTA12	805	695	10-10d	13872.5
CS16	1705	1705	13-8d	10852.1

TYPICAL WOOD MEMBER FASTENING SCHEDULE

LOCATION	CONNECTION	FASTENER
CEILING JOIST LAPS OVER PARTITIONS	(3)16d	FACE NAIL
COLLAR TIE TO RAFTER	(4)GUN NAIL	FACE NAIL
RAFTER TO PLATE	(3)8d	TOENAIL
JACK RAFTER TO HIP	(4)GUN NAIL	TOENAIL
ROOF RAFTER TO (2) PLY RIDGE BEAM	(2)16d	TOENAIL OR FACE NAIL
JOIST TO BAND JOIST	(3)GUN NAIL	FACE NAIL
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	(3)8d	END NAIL
RIM JOIST TO TOP PLATE	8d @ 6" O.C.	TOENAIL
TOP PLATES, LAPS AND INTERSECTIONS	(3)GUN NAIL @ 6" O.C.	FACE NAIL
CEILING JOISTS TO PLATE	(5)GUN NAIL	TOENAIL
JOIST TO SILL OR HEADER	(3)8d	TOE NAIL
2" SUB FLOOR TO JOIST OR GIRDER	(2)16d	BLIND OR FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING	16d @ 16" O.C.	TYPICAL FACE
TOP PLATE TO STUD	(3)GUN NAIL @ 6" O.C.	END NAIL
STUD TO SOLE PLATE	(4)8d	TOENAIL
	(2)16d	END NAIL

TYPICAL FASTENERS

3"x0.131" = GUN NAILS
2"x0.113" = RINK SHANK
2"x0.113" = 8d
3"x0.148" = 10d
1 1/2"x0.148" = 10dX1 1/2"
1 1/2"x0.148" = 10dX1 1/2"

ADJ - ADJACENT
BM - BEAM
BOT - BOTTOM
BRG - BEARING
CMU - CONCRETE MASONRY UNIT
DL - DOUBLE
FDN - FOUNDATION
EA - EACH
EE - EACH END
ENG - ENGINEER OF RECORD
EQ - EQUAL
EXT - EXTERIOR
FDN - FOUNDATION

DIAM - DIAMETER
FT - FOOT
FTC - FOOTING
GA - GAUGE
HDR - HEADER
HT - HEIGHT
HTS - HEIGHTS

HORIZ - HORIZONTAL
INFO - INFORMATION
LBS - POUNDS
LL - LIVE LOAD
LONG - LONG
MANUF - MANUFACTURE
MONO - MONOLITHIC

OC - ON CENTER
OSB - ORIENTED STRAND BOARD
PERP - PERPENDICULAR
PRE ENG - PRE ENGINEERED
PRE FAB - PRE FABRICATED
PSF - POUNDS PER SQUARE FOOT
PSI - POUNDS PER SQUARE INCH

QT - QUICK TIE
REIN - REINFORCE
SF - SQUARE FOOT
SPR - SPRUCE PINE FUR
SW - SHEAR WALL
SYP - SOUTHERN YELLOW PINE
TG - TONGUE & GROOVE

THRU - THROUGH
TYP - TYPICAL
UN - UNLESS OTHERWISE NOTED
VERT - VERTICAL
WFW - WELDED WIRE FABRIC

GENERAL NOTES & CONSTRUCTION SPECIFICATIONS

GENERAL NOTES:
MEANS AND METHODS:
THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES; FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR OR ANY OTHER PERSONS PERFORMING THE WORK OR FOR THE FAILURE FOR ANY OF THEM TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

LIMITS OF STRUCTURAL ENGINEERING DESIGN RESPONSIBILITIES:
THE ITEMS SPECIFICALLY DESIGNED BY THE STRUCTURAL ENGINEER ARE LIMITED TO THE FOLLOWING: CONTINUOUS LOAD PATH FOR WIND UPLIFT, WOOD PANEL SHEARING, WALL FRAMING AND REQUIRED SHEATHING AND HEADERS DIRECTLY SUPPORTING ROOF FRAMING. ITEMS NOT DESIGNED PRE-ENGINEERED WOOD FLOOR AND ROOF TRUSSES, FLOOR FRAMING NOT SPECIFICALLY ADDRESSED, TRUSS-TO-TRUSS CONNECTION, AND ANY ARCHITECTURAL, MECHANICAL OR ELECTRICAL SYSTEM.

DESIGN IS VOID ONE YEAR AFTER THE DATE OF THE ORIGINAL DOCUMENTS, UNLESS PLANS HAVE BEEN REVIEWED FOR CODE COMPLIANCE.

MATERIAL SPECIFICATIONS:
HARDWARE AND ANCHORS:
ANCHOR BOLTS & THREADED ROD: SHALL BE IN ACCORDANCE WITH ASTM A 307 OR ASTM F 1554 GRADE 36.
QT WIRE ROPE: 1/4" @ 3/8", GALVANIZED "AIRCRAFT" DESIGNED 7x19 w/ A MIN. BREAKING STRENGTH OF 7,000lbs. & 14,000lbs. RESPECTFULLY.
WASHERS: SHALL BE IN ACCORDANCE WITH ASTM A500 (GRADE B).
NUTS: SHALL BE IN ACCORDANCE WITH ASTM A 563 GRADE A HEX.
METAL CONNECTORS: ALL METAL CONNECTORS WHICH ARE EXPOSED TO EXTERIOR SHALL BE GALVANIZED.
REINFORCING BARS/ROD INSTALLATION: EMBEDMENT OF RODS OR REBAR DOVELS SHALL BE 12 BAR DIAMETER MINIMUM. HOLES SHALL BE 1/4" LARGER THAN REBAR SIX AND 1/4" LARGER THAN THREADED ROD SIZE. (U.O.N.)
ANCHORING ADHESIVE:
EPOXY: REE HEAD EPOXY GS.
REINFORCING STEEL: SHALL BE ASTM A615, GRADE 60.
STRUCTURAL STEEL: SHALL BE ASTM A992, GRADE 50.
WELDED WIRE FABRIC (WWF): SHALL BE ASTM A185.

MASONRY SPECIFICATIONS:
GENERAL:
MASONRY HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 530-05, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 530.1-05 GROUT SHALL BE IN ACCORDANCE WITH ASTM C476 WITH A MINIMUM OF 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI PER ASTM C1019. GROUT SHALL HAVE A MAXIMUM COURSE AGGREGATE SIZE OF 3/8" PLACED AT AN 8" TO 11" SLUMP.
MORTAR SHALL CONFORM TO ASTM C270 AND TYPE M OR S. TYPE N MORTAR MAY BE USED IN BRICK VENEER.
CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL FLASHING.

CONCRETE MASONRY UNITS (CMU):
CMU SHALL BE IN ACCORDANCE WITH ASTM C90-75, HOLLOW LOAD-BEARING (CMU), TYPE 1, GRADE N-1, NORMAL WEIGHT, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 psi (f'm=1500 psi).
GROUT ALL CELLS CONTAINING REINFORCEMENT IN 5'-0" MAXIMUM LIFTS.
PROVIDE CLEANOUTS PER ACI 530.1-02 IN THE BOTTOM OF COURSE OF MASONRY WHEN THE WALL HEIGHT EXCEEDS 5'-0".

CLAY MASONRY (BRICK):
BRICK SHALL BE IN ACCORDANCE WITH ASTM C62, C216, OR C652 FOR BUILDING BRICK, FACING BRICK, & HOLLOW BRICK, RESPECTFULLY.

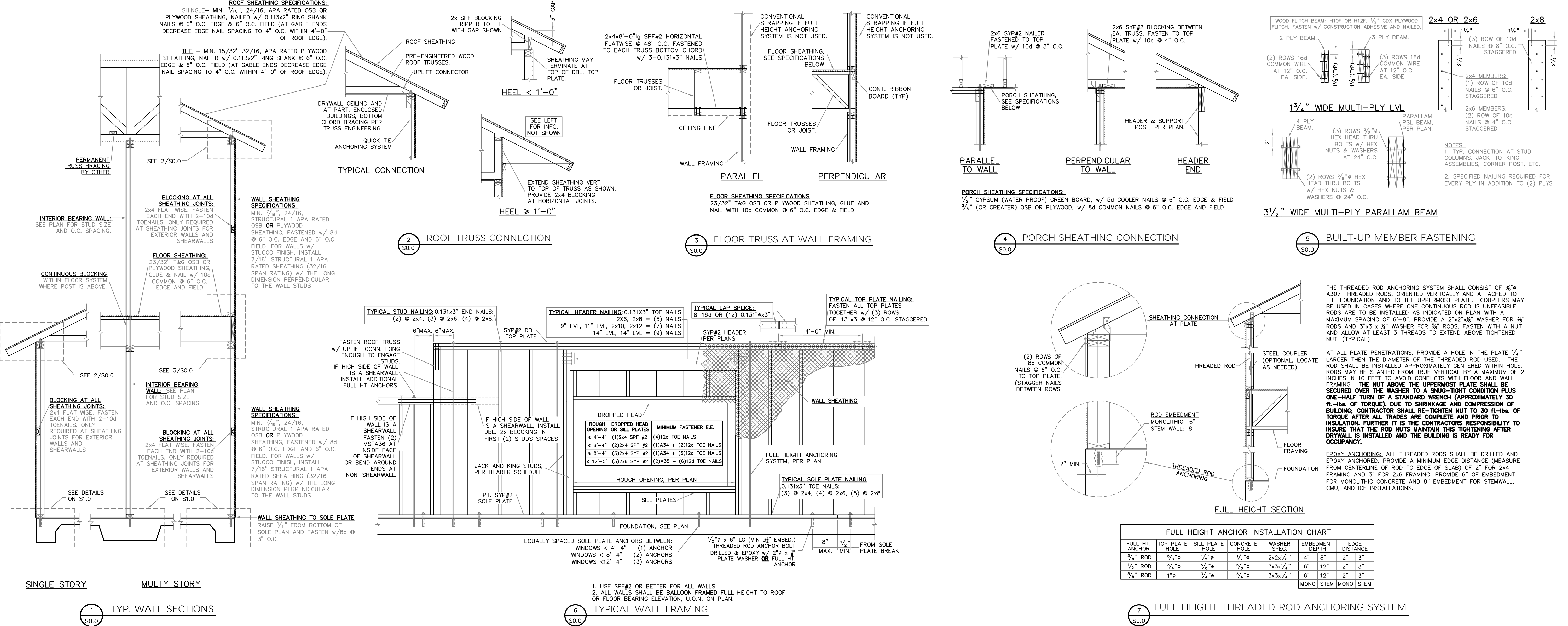
CONCRETE SPECIFICATIONS:
ALL CONCRETE HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 318-08, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 301. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

PRE-ENGINEERED WOOD TRUSSES:
SHALL BEAR THE RESPONSIBILITY OF THE ENGINEER IN THE STATE WHERE PROJECT IS BEING BUILT AND SHALL COMPLY WITH NFPA, TPI, AND AISC 100. CONTRACTOR SHALL VERIFY THAT ADEQUATE TRUSS BEARING IS INSTALLED AT ALL TRUSSES AS INDICATED IN THE TRUSS SHOP DRAWINGS. ALL TRUSS-TO-TRUSS CONNECTIONS AND TRUSS PROFILES ARE THE RESPONSIBILITY OF THE DELEGATED TRUSS ENGINEER. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER COMMENTARY AND RECOMMENDATION FOR HANDLING, INSTALLING & BRACING METAL PLATE CONNECTED WOOD TRUSSES, HB-91." AT MULTIPLE STRAP CONNECTIONS, SPREAD STRAPS TO AVOID NAILING CONFLICTS THROUGH TRUSS. WHEN USING (2) STRAPS ON SINGLE PLY TRUSSES, PLACE STRAPS DIAGONALLY ACROSS DBL. TOP PLATE FROM EA. OTHER.

ROOF COVERING SPECIFICATIONS:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE ROOF COVERING SYSTEM.
ASPHALT SHINGS SHALL COMPLY WITH ASTM D3161 AND BE INSTALLED ACCORDING TO THE MANUFACTURER'S REQUIREMENTS.
CLAY AND TILE ROOFS SHALL BE INSTALLED PER THE "CONCRETE AND CLAY ROOF TILE INSTALLATION MANUAL," AND THE MANUFACTURER'S REQUIREMENTS.
STANDING SEAM METAL ROOFS SHALL COMPLY WITH ASTM E1514 AND BE INSTALLED ACCORDING TO THE MANUFACTURER'S REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL METAL FLASHING AND VALLEY MATERIALS.

GUARDRAILS AND HANDRAILS:
SHALL BE DESIGNED PER 2006 INTERNATIONAL RESIDENTIAL CODE, TABLE R301.5. COMPLIANCE WITH THESE REQUIREMENTS IS THE RESPONSIBILITY OF THE RAILING MANUFACTURER.

ABBREVIATIONS



DREAMBUILDER CUSTOM HOMES
 212 39TH AVE. SOUTH
 JACKSONVILLE BEACH, FL.

DESIGN CRITERIA AND GENERAL NOTES

DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS. IF A DIMENSION IS UNCLEAR REFER TO THE ARCHITECTURAL DRAWINGS OR CONTACT THE E.O.R.

PLAN NAME: LOT. 2 AYALON
 DESIGN/DRAWN/CHECKED: CS / AOB / LAP
 DATE: 02.08.2013
 CONTROL NO.: 3437
 TRUSS ID.: 460040
 LPA NO.: DRB-13-00031
 SHEET: 50.0
 SHEET 1 OF 5

L P & A
 Lou Pontigo and Associates, Inc.
 420 Osceola Avenue
 Jax. Beach Florida 32250
 Ph. 242-0908 Fax. 241-9557
 FL. CA # 8344 SC. CA# 3579
 CONTACT US WITH YOUR COMMENTS @ LP-A.COM

REVISIONS	DATE

FIELD ALTERATION

CONTRACTOR SHALL CONTACT LOU PONTIGO & ASSOCIATES PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY LOU PONTIGO & ASSOCIATES MAY RESULT IN ADDITIONAL ENGINEERING OR INSPECTION FEES.

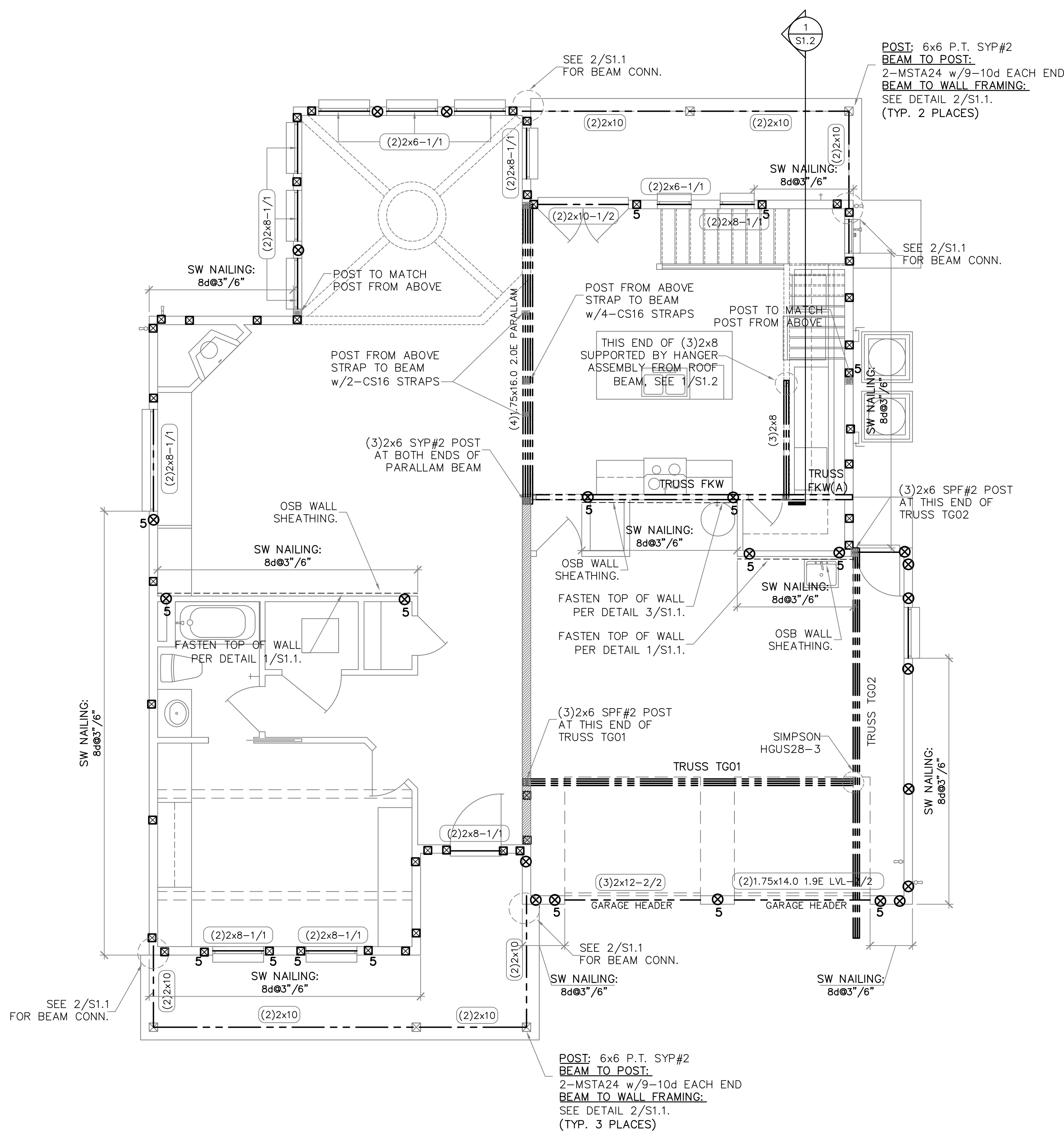
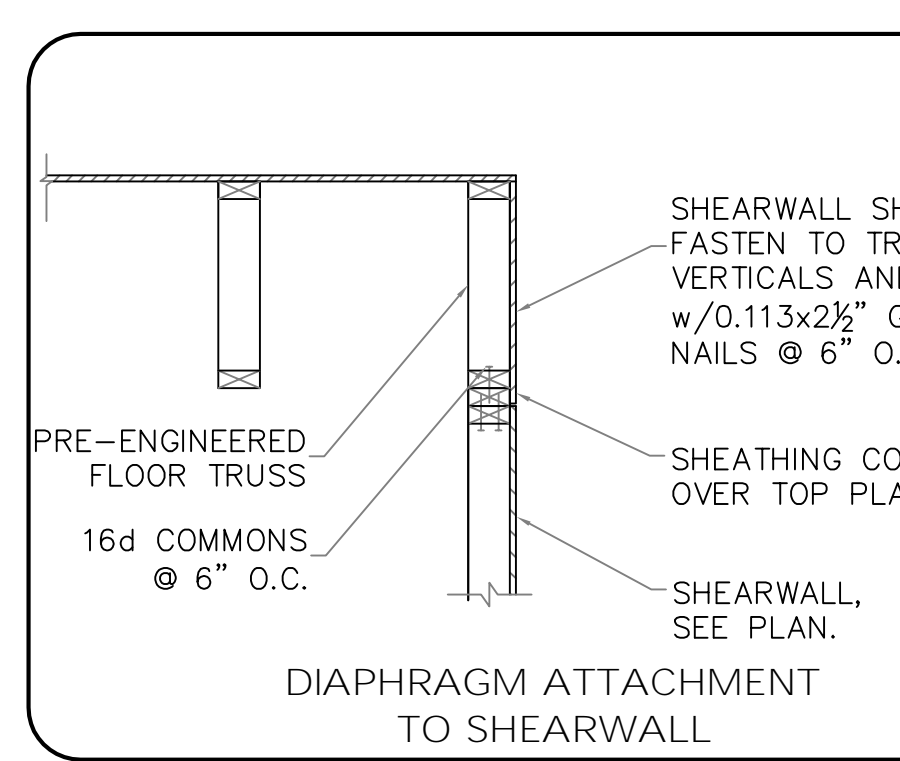
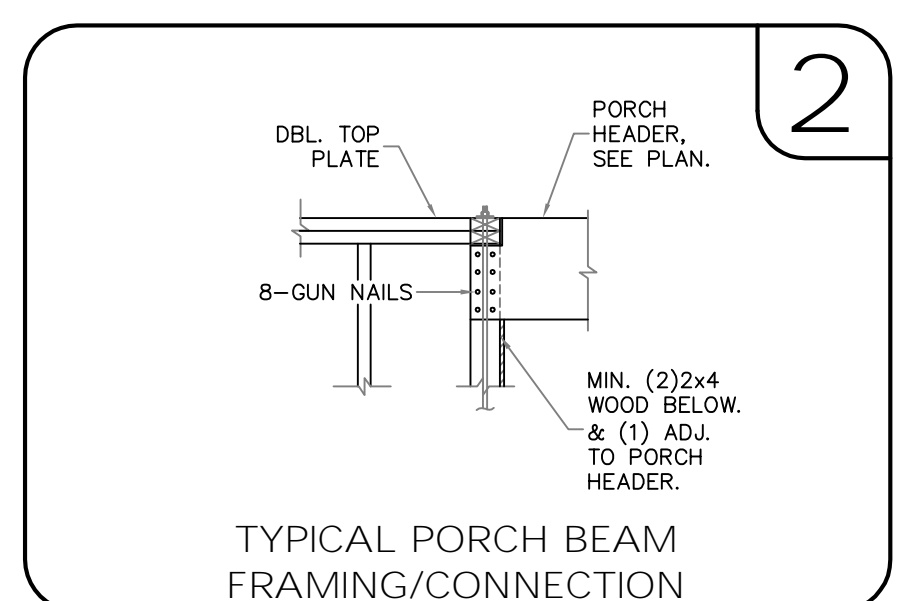
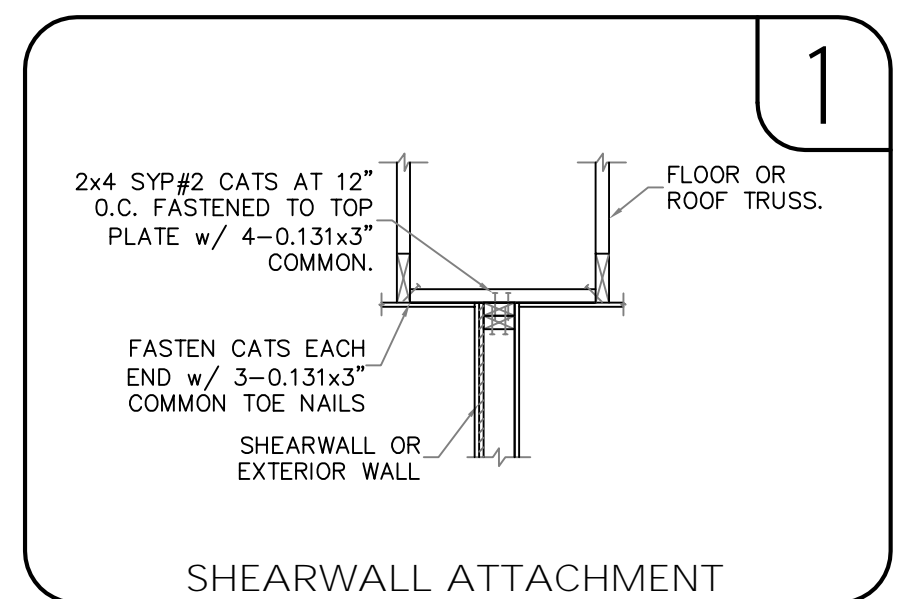
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1ST FLOOR FRAMING PLAN

PLAN NAME	LOT. 2 AVALON
DESIGN/DRAWN/CHECKED	CS / AOB / LAP
DATE	02.08.2013
CONTROL NO.	3437
TRUSS ID.	460040
LPA NO.	DRBD-13-00031
SHEET	S11
SHEET	3 OF 5

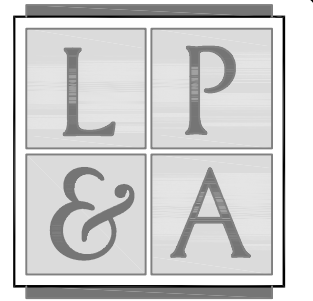


FIRST FLOOR FRAMING PLAN
 SCALE: 1/4" = 1'-0"

- FRAMING NOTES:**
- FOR TYPICAL WALL FRAMING, SEE DETAIL 6/SO.0.
 - ALL BUILT-UP POST, HEADERS & BEAMS SHALL BE FASTENED PER 5/SO.0.

SYMBOLS LEGEND

SW NAILING: 8d @ 3"/6"	DESIGNATES SHEARWALL. THE HIDDEN LINE DESIGNATES SIDE OF WALL. THE SHEARWALL SHEATHING TO BE APPLIED. 8d @ 3"/6" DESIGNATES 8d COMMONS @ 3" O.C. EDGE & 6" O.C. "IN THE FIELD"
(2)2x8-1/2	DESIGNATES THE HEADER SIZE AND NUMBER OF PLY'S DESIGNATES NUMBER, HEADER SIZE & JACK/KING STUDS
---	BEAM OR TRUSS, SEE PLAN
⊗	3/8" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 7/SO.0
⊗5	3/8" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 7/SO.0
⊗	3/8" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 7/SO.0
⊗5	3/8" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 7/SO.0
LST12	12" LONG LIGHT GAUGE STRAP FASTEN TO TOP PLATE AND STUD WITH 5-10d COMMONS



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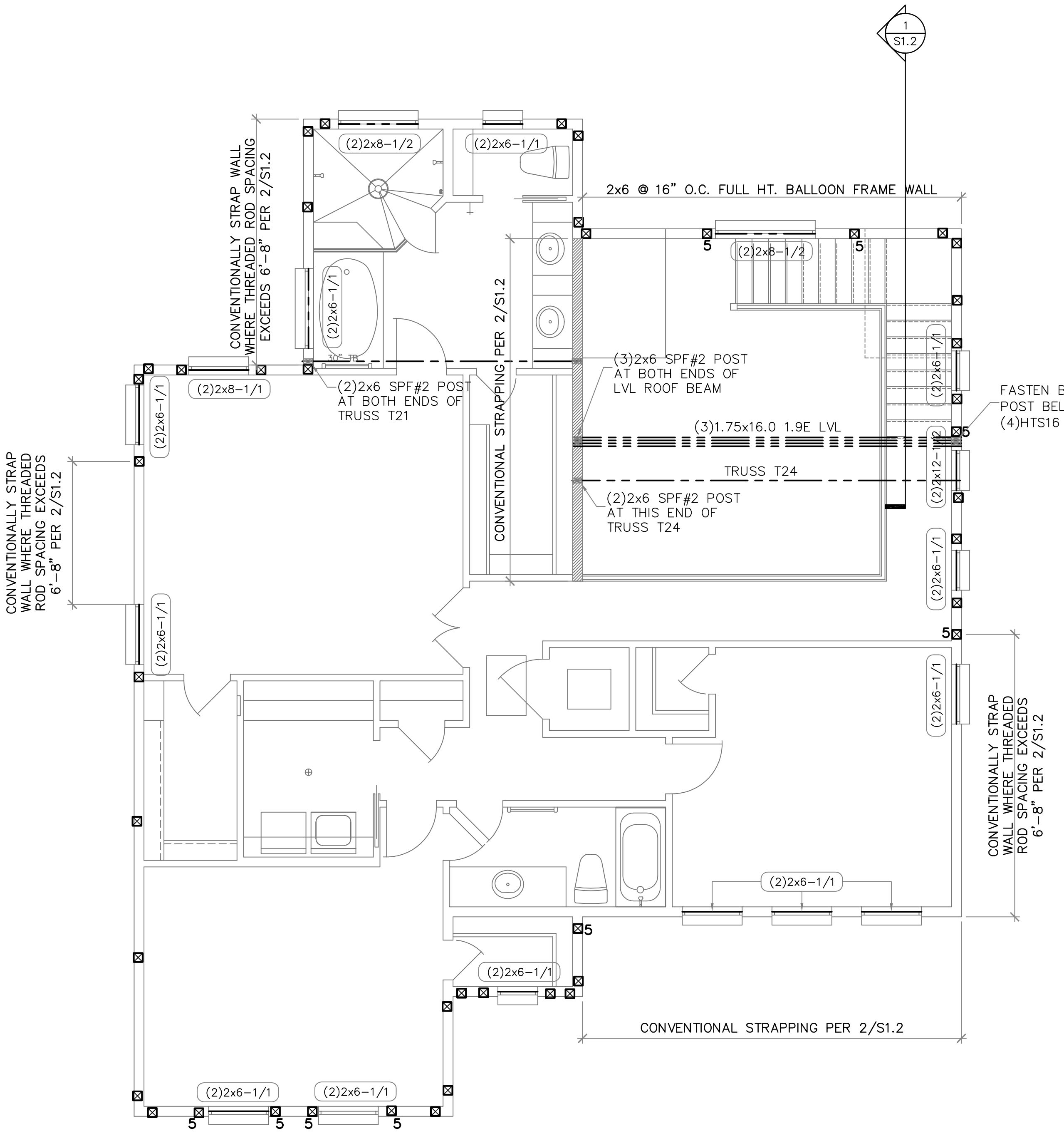
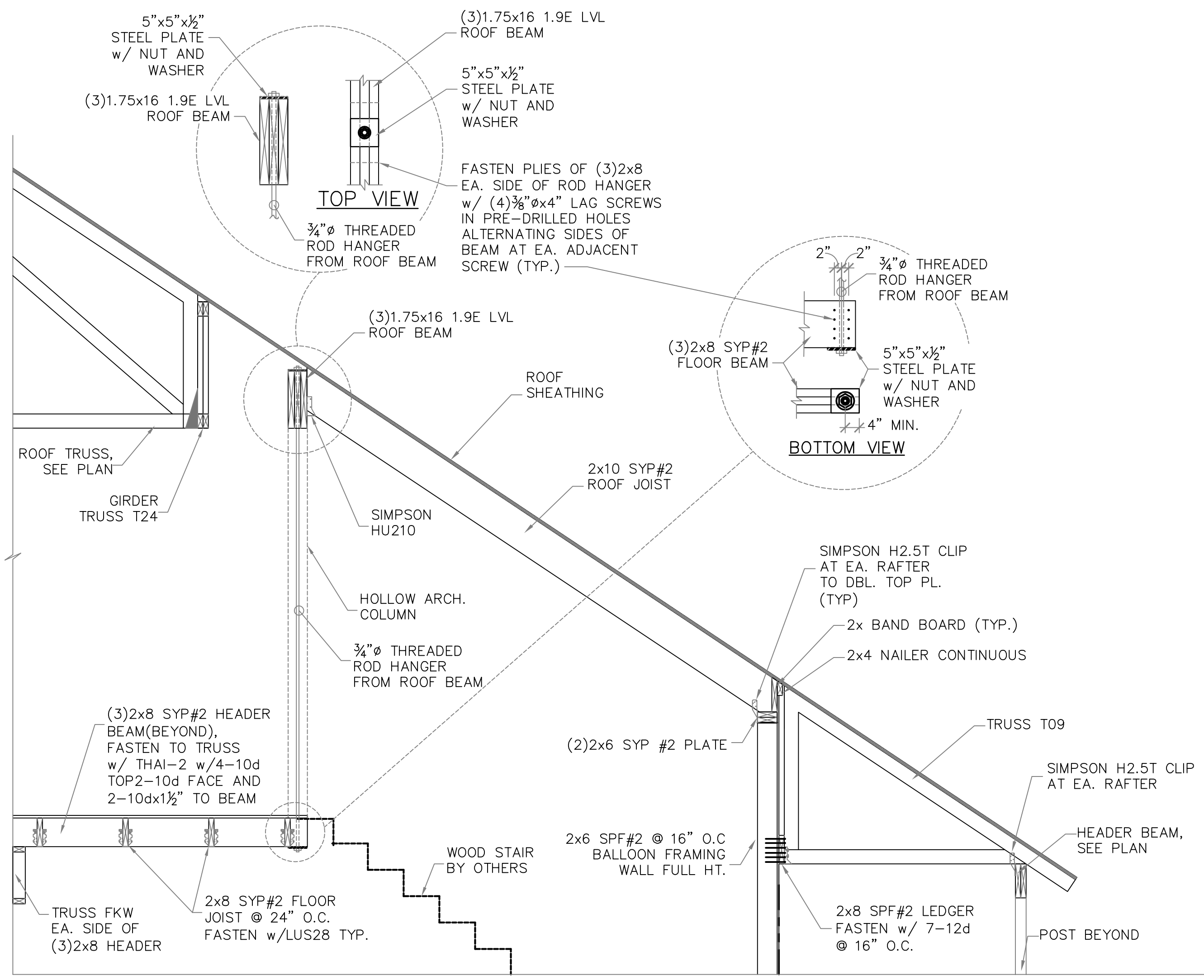
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2nd FLOOR FRAMING PLAN

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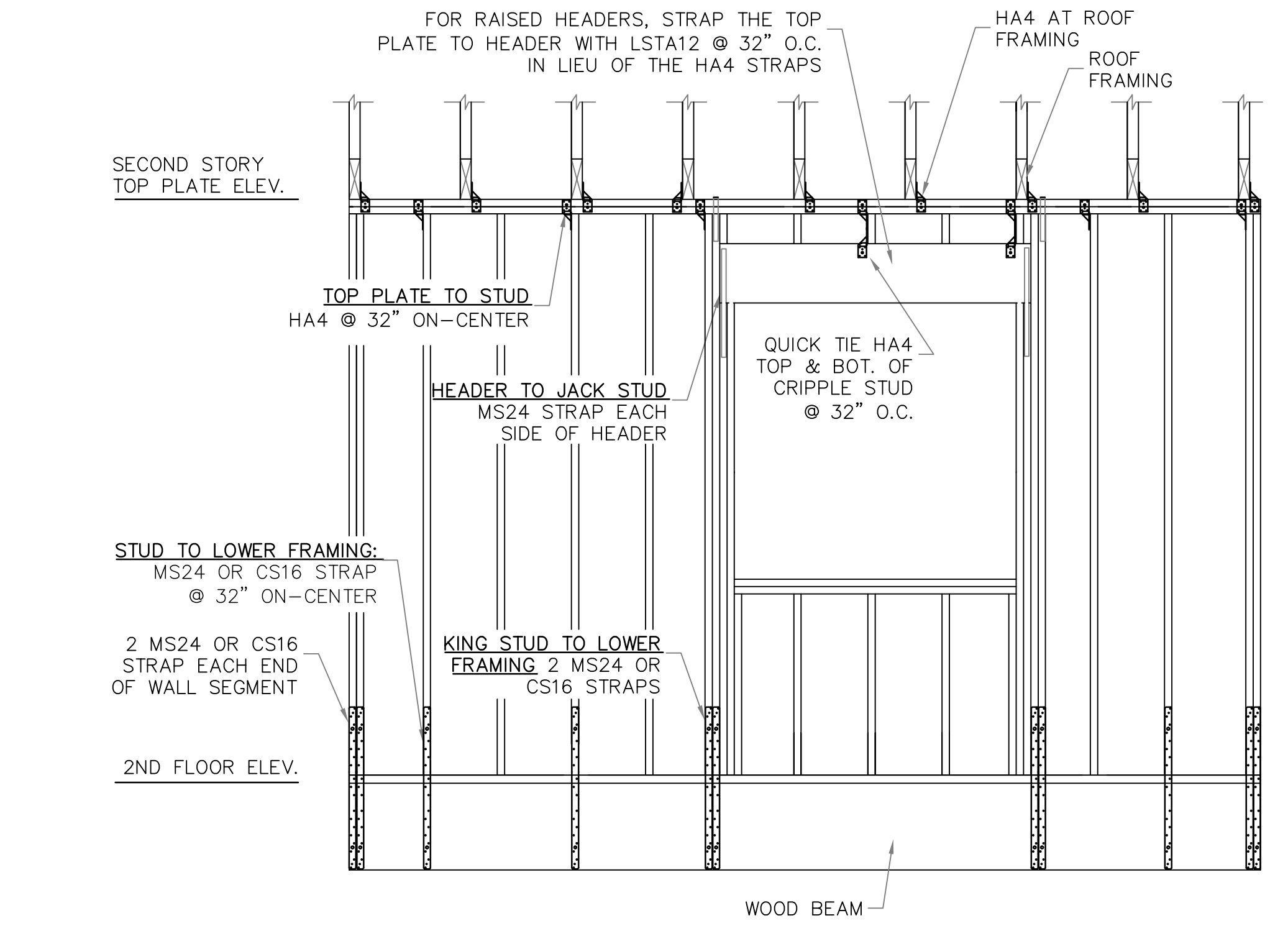
PLAN NAME
LOT. 2 AVALON
DESIGN/DRAWN/CHECKED
CS / AOB / LAP
DATE
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CONTROL NO.
3437
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SHEET

S1.2
SHEET 4 OF 5



SYMBOLS LEGEND

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	DESIGNATES THE HEADER SIZE AND NUMBER OF PLY'S DESIGNATES NUMBER, HEADER SIZE & JACK/KING STUDS
	BEAM OR TRUSS, SEE PLAN
	3/8" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 7/50.0
	5/8" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 7/50.0
	3/8" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 7/50.0
	5/8" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 7/50.0
	12" LONG LIGHT GAUGE STRAP FASTEN TO TOP PLATE AND STUD WITH 5-10d COMMONS



2 S1.2 SCALE: 1/2" = 1'-0"

REVISIONS	DATE

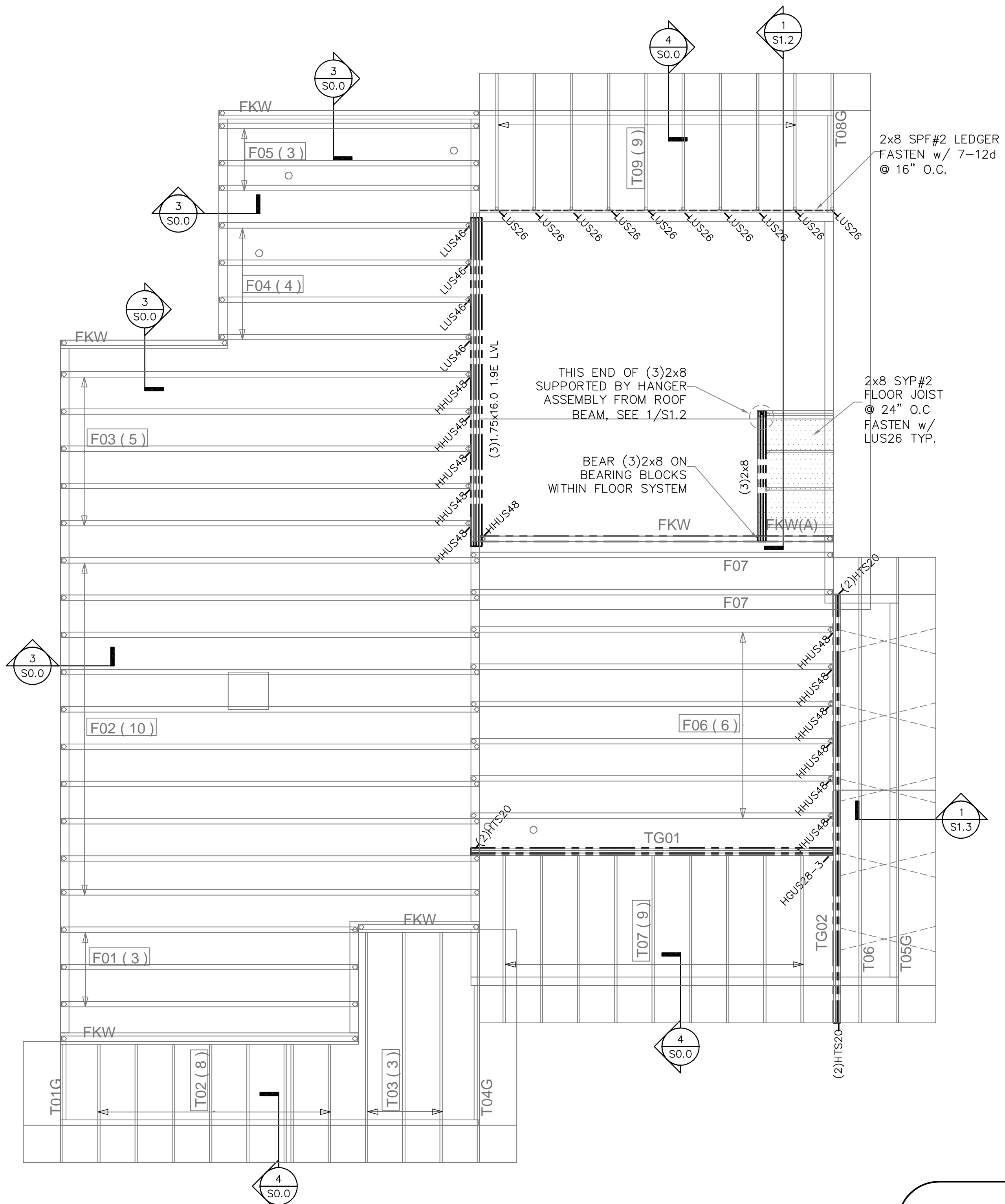
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**TRUSS
 PLACEMENT
 PLAN**

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PLAN NAME	LOT. 2 AVALON
DESIGN/DRAWN/CHECKED	CS / AOB / LAP
DATE	02.08.2013
CONTROL NO.	3437
TRUSS ID.	460040
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SHEET	S1.3



FLOOR TRUSS & LOWER ROOF PLACEMENT PLAN

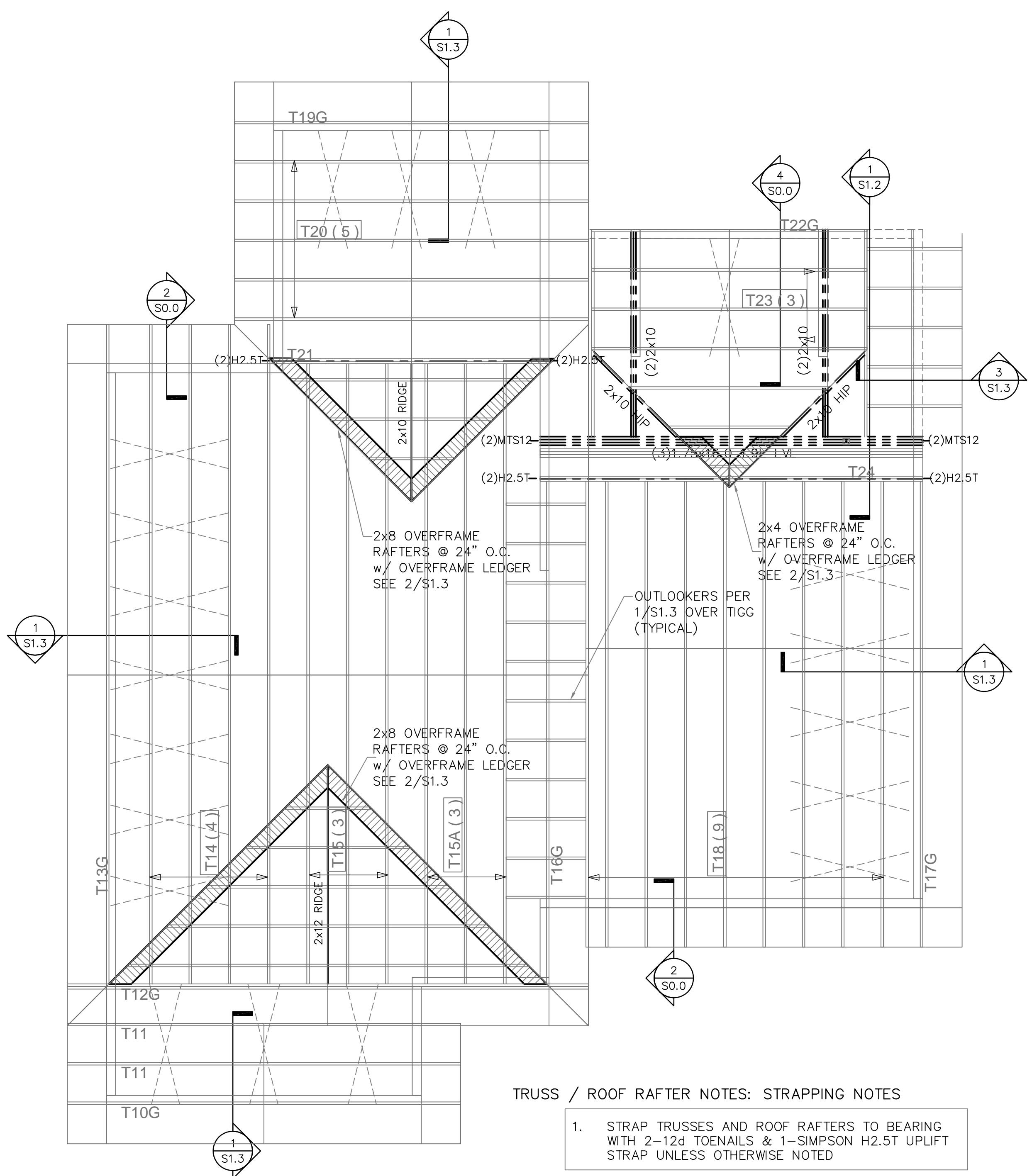
SCALE: N.T.S.
 NOTE:
 1. FASTEN ROOF TRUSS TO TOP PLATE w/ 2-12d TOENAILS AND UPLIFT CONNECTOR, SEE PLAN.

SYMBOLS LEGEND

H2.5T	DESIGNATES UPLIFT CONNECTION.
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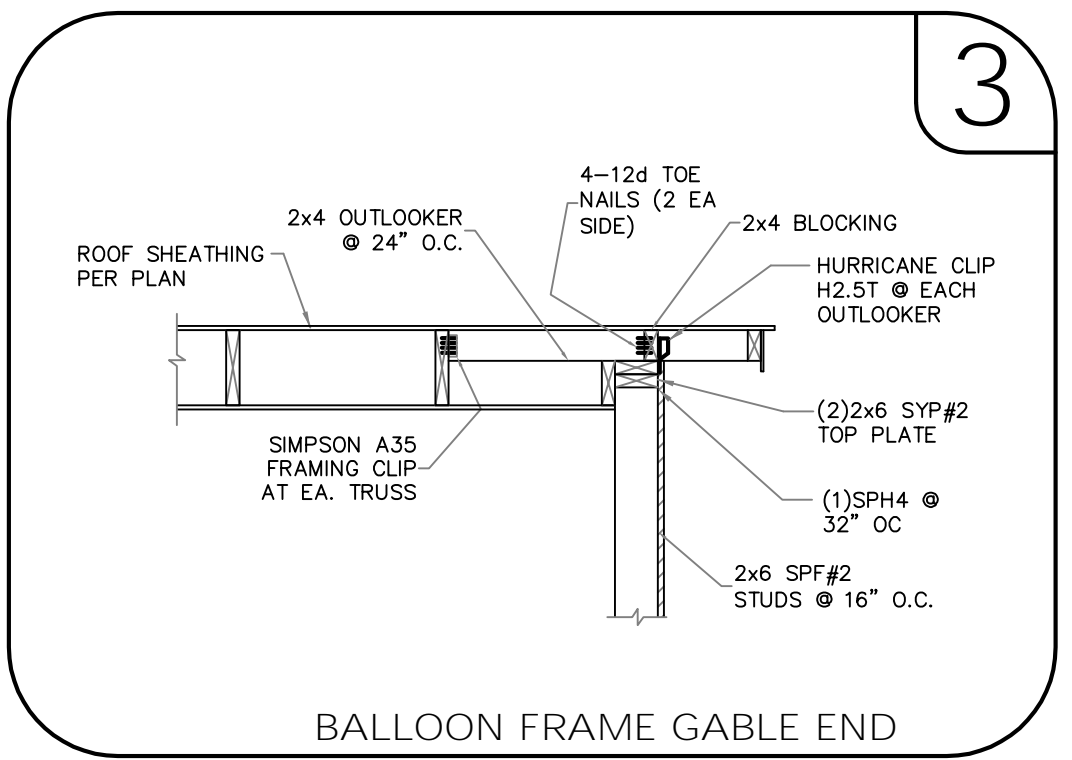
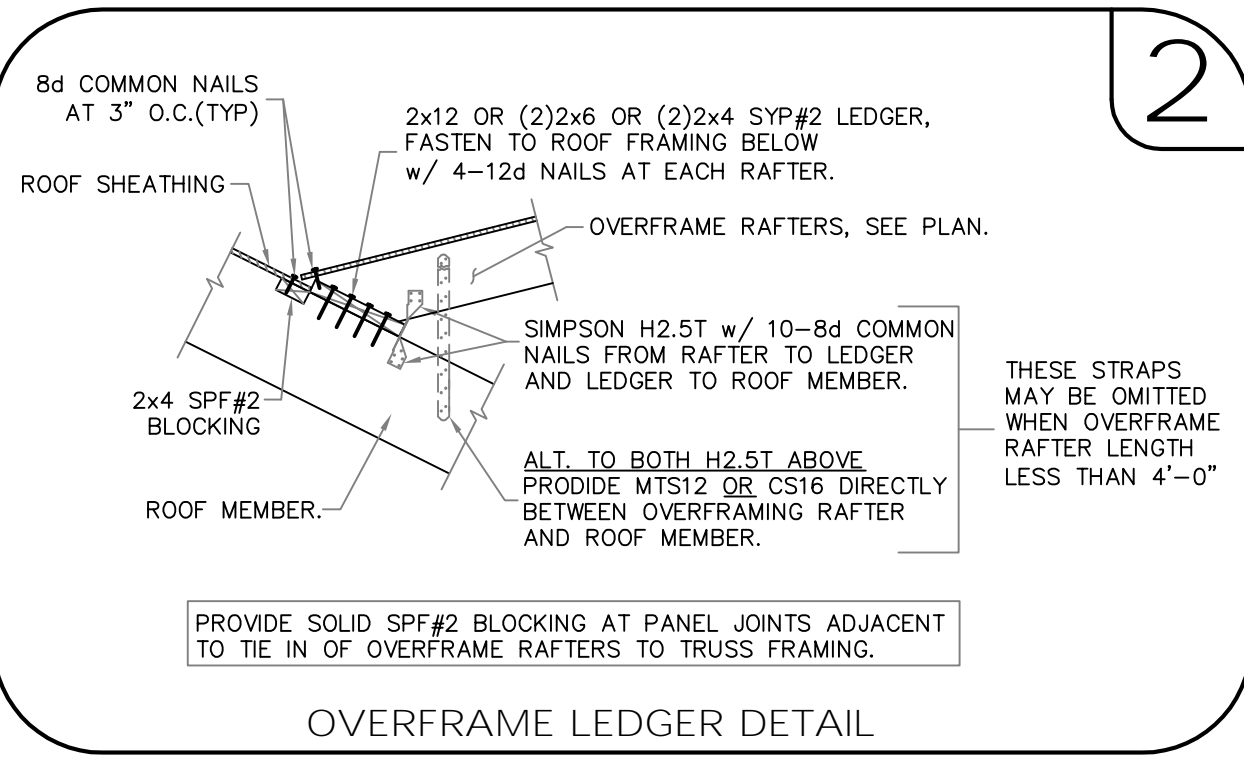
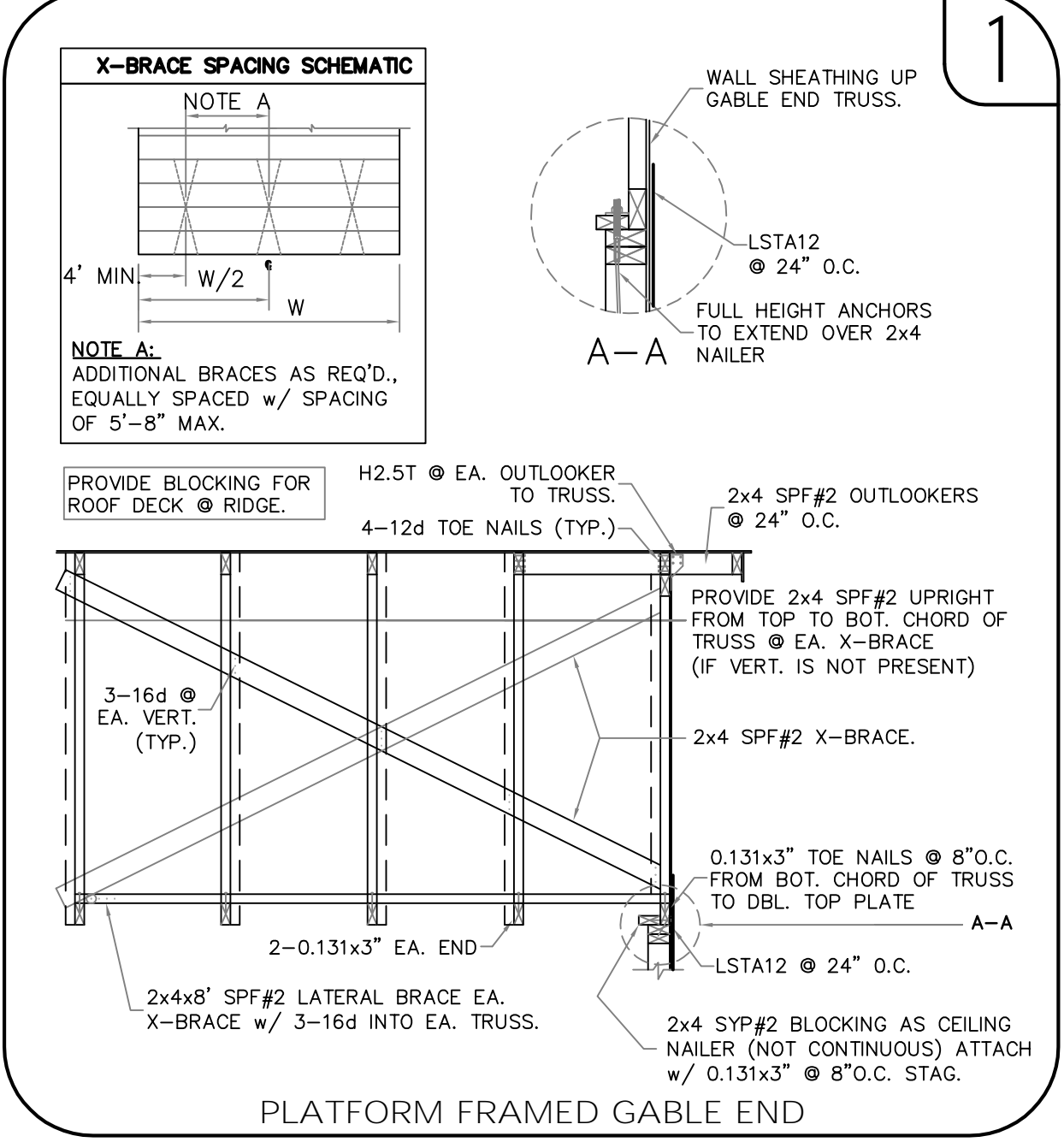
FRAMING PLAN NOTES:
 1. FOR TYPICAL ROOF SHEATHING AND FRAMING, SEE SHEET S2.0.
 2. FOR SPECIFIC UPLIFT CONNECTORS, SEE PLAN, MIN. (1)H2.5T CONNECTOR.
 3. FOR GENERAL DESIGN SPECIFICATIONS SEE SHEET S0.0.
 4. WHEN USING (2)H2.5T CLIPS ON 1/2" WIDE LUMBER, PLACE CLIPS DIAGONALLY ACROSS DOUBLE TOP PLATE FROM EACH OTHER.

BRACING NOTES AND SPECIFICATIONS
 1.) ALL BRACING LUMBER SHOWN, EXCEPT FOR T-BRACE SHALL BE 1x4 SYP#3 OR BETTER OR 2x4 SPF#2 OR BETTER. (UON)
 2.) BRACING LUMBER SHALL INTERSECT THE WEB OF THE BRACED TRUSS, PER DELEGATED TRUSS ENGINEER.
 3.) PERMANENT PERMANENT BRACING WHERE NOTED ON TRUSS MFR. SHOP DRAWINGS. THE CONTRACTOR SHALL PROVIDE 1x4 SYP#3 OR BETTER BOTTOM CHORD BRACING PERPENDICULAR TO TRUSS BOTTOM CHORDS AND ATTACHED TO EACH TRUSS WITH 2-8d COMMON NAILS. AT GABLE END WALLS PROVIDE DIAGONALS AT END WALLS PROVIDE DIAGONALS (APPROXIMATELY 45%) TO THE ADJACENT EXTERIOR PERPENDICULAR WALL BETWEEN EACH LINE OF BRACING TO FORM A ZIGZAG PATTERN ALL CONSTRUCTED OF THE SAME BRACING MATERIAL. THIS REQUIREMENT IS NOT NECESSARY AT HIP ROOFS. ALSO ALONG EXTERIOR WALLS PARALLEL TO BOTTOM CHORD BRACING PROVIDE DIAGONALS IN THE END SPACE BETWEEN THE WALL AND THE FIRST LINE OF BOTTOM CHORD BRACING AT A MAXIMUM SPACING OF 20 FEET.



ROOF TRUSS PLACEMENT PLAN

SCALE: N.T.S.
 NOTE:
 1. FASTEN ROOF TRUSS TO TOP PLATE w/ 2-12d TOENAILS AND UPLIFT CONNECTOR, SEE PLAN.



PLATFORM FRAMED GABLE END

OVERFRAME LEDGER DETAIL

BALLOON FRAME GABLE END