

100% COMPLETE (FINAL)

NOTE: STAIR TREADS & RISERS MAY VARY AS A RESULT OF LOCAL BUILDING CODES AND STANDARDS.

SYMB	DOORS	ROUGH OPENING	
		WIDTH	HEIGHT
A	3'-0" X 6'-8" SIX PANEL W/SIDE LITES	BY MANUF.	6'-10 1/2"
B	2'-8" X 6'-8" NINE LITE	2'-10 3/4"	6'-10 1/2"
C	2'-6" X 6'-8" INTERIOR FLUSH	2'- 8 1/2"	6'-10 1/2"
D	2'-0" X 6'-8" INTERIOR FLUSH	2'- 2 1/2"	6'-10 1/2"
W	2'-8" X 6'-8" INTERIOR FLUSH	2'-10 1/2"	6'-10 1/2"

NOTE: HEIGHT OF ROUGH OPENING IS MEASURED FROM FINISH FLOOR.

WINDOWS	ROUGH OPENING	
	WIDTH	HEIGHT
3030 (FRAME)	35 3/4"	35 1/2"
3040 (FRAME)	35 3/4"	47 1/2"
3050 (FRAME)	35 3/4"	59 1/2"

STRUCTURAL NOTES

- (2) 2 X 12 SYP #2 HEADER W/ 1/2" PLYWOOD FLITCH AND (2) SIMPSON LSTA18 AT EACH END. PROVIDE (2) 2 X 4 CRIPPLE STUDS AT EACH END OF HEADER W/ SIMPSON HTT16 AT BASE.
- (2) 2 X 12 SYP #2 HEADER W/ 1/2" PLYWOOD FLITCH. PROVIDE (2) 2 X 4 CRIPPLE STUDS AT EA. END OF HEADER.
- ALL FRAMING TO BE SYP #2 U.N.O.
- SWS = SHEARWALL SEGMENT PER ATTACHED DETAIL - SHEET S1.

Note: Provide Min. 5" Embedment into Simpson SET epoxy for HTT's anchor bolt.

FRAMING INSPECTION
• ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETED, INSPECTED, AND APPROVED BEFORE REQUESTING THE FRAMING INSPECTION (PER FBC 105.6).

- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2004 RESIDENTIAL FLORIDA BUILDING CODE FOR 120 MPH OR LESS WIND SPEED AND COMPLIES WITH SECTION R301.1 DESIGN CRITERIA. WIND LOADING CRITERIA IS GOVERNED BY ASCE 7-02. BASIC WIND SPEED = 120 MPH - 3 SECOND GUST. WIND IMPORTANCE FACTOR = 1.0 WIND EXPOSURE CATEGORY = B INTERNAL PRESSURE COEFFICIENT = +/- 0.18 (FULLY ENCLOSED) AVERAGE DESIGN WIND PRESSURE = 25 PSF WIND PRESSURES FOR COMPONENT AND CLADDING FOR WALL ELEMENTS SHALL BE (+) 23.9 & (-) 34.7 PSF GARAGE DOOR DESIGN PRESSURE: +22.8 & -25.8 PSF
- THIS DRAWING IS SEALED ONLY FOR THE STRUCTURAL PORTION OF DETAILS AND SPECIFICATIONS. NON-STRUCTURAL INFORMATION, SUCH AS ELECTRICAL, MECHANICAL, ARCHITECTURAL, AND PROPERTY SURVEY, IF SHOWN, ARE NOT COVERED UNDER THIS SEAL.
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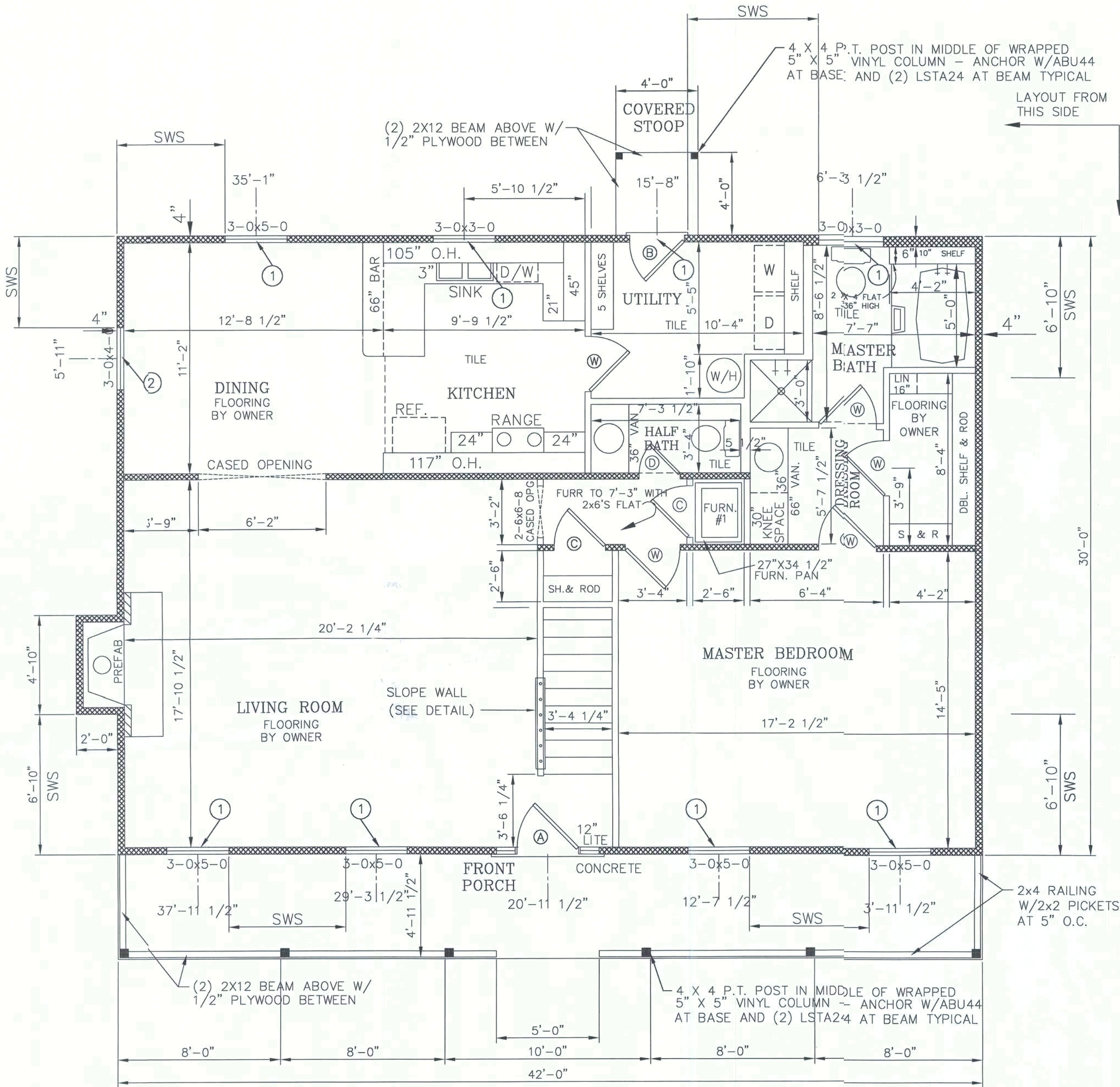
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ENGINEERING SERVICES GROUP, INC.
1299 W. FAIRBANKS AVE.
WINTER PARK, FL 32789
CA #8586
J. LEE SMITH, PE #36177

407-363-9600

Hees
12/1/04

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NOTE CEILING HEIGHT:
HEATED AREAS = 8'-1 1/8"
(IN ALL ROOMS)
PORCH = 8'-5 1/8"

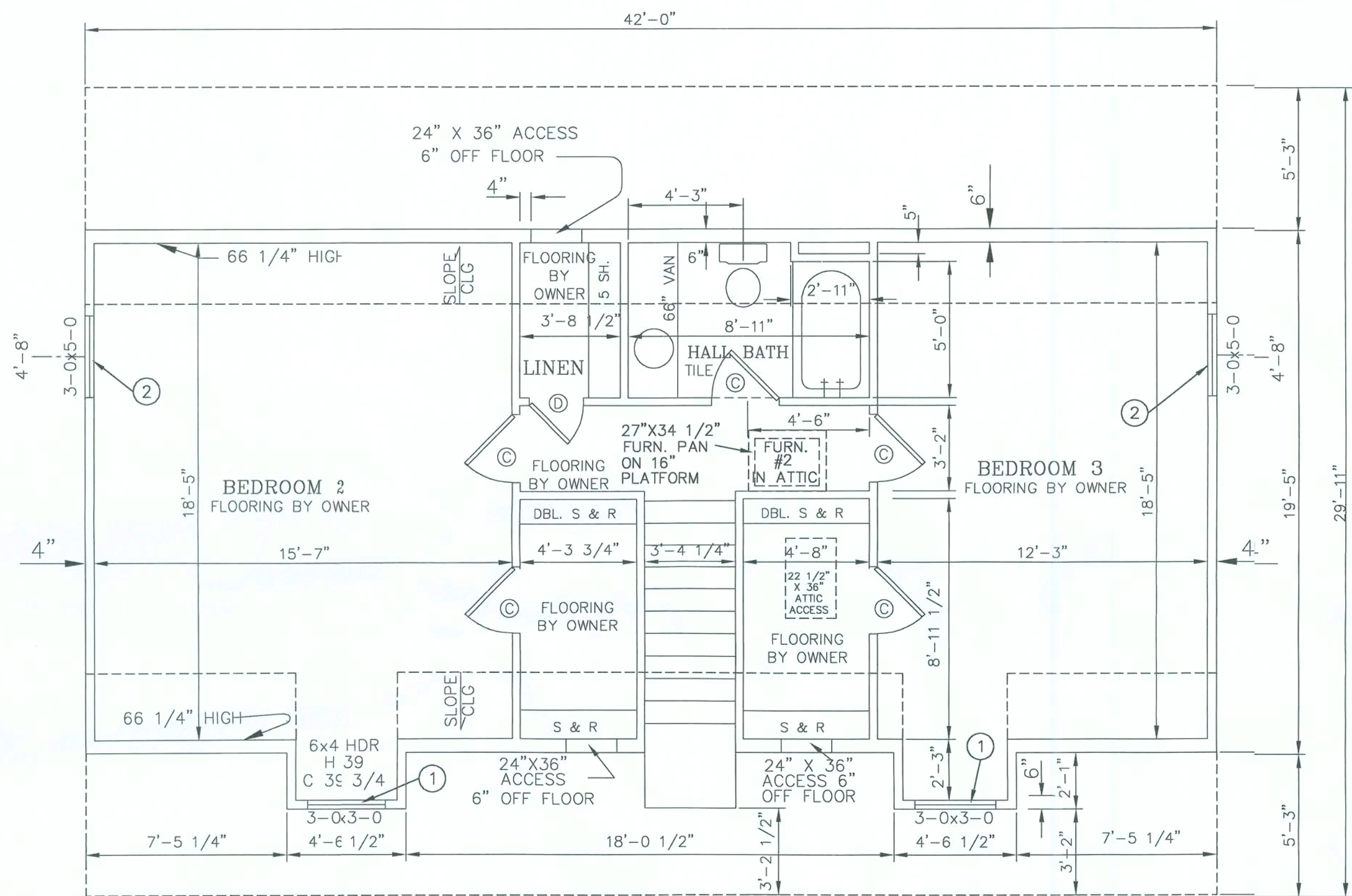
NOTE
7/16" O.S.B. SHEATHING
& HOUSE WRAP REQ'D

NOTE: CLOSET SHELF
HEIGHT OFF FLOOR =
65" (SINGLE)
42" & 84" (DOUBLE)

NOTE: SITE DROP	
SEWER	—
HOSE BIBB	—+
WATER LINE	----
POWER METER	—
GAS LINE	—
UNDERGROUND POWER	—
OVERHEAD POWER	—

PROPERTY OF AMERICA'S HOME PLACE, INC. © COPYRIGHT 1983 - ALL RIGHTS RESERVED -	THE CHARLESTON FOR JOHN & LINDA BROWN	DATE: 11/20/06 REVISIONS AREA TABULATION LOWER LEVEL 1260 S.F. UPPER LEVEL 830 S.F. PORCH 210 S.F. REAR STOOP 16 S.F. ADT 2000	ENGINEERING SERVICES GROUP, INC. 1299 W. FAIRBANKS AVE. - WINTER PARK - FLORIDA - 32789 PHONE - (407) 740 7111 FAX - (941) 923 7644 CA #8586 © THESE DRAWINGS AND DESIGN ARE THE SOLE PROPERTY OF ENGINEERING SERVICES GROUP, INC. AND THE CLIENT ON THIS PROJECT. ANY REPRODUCTION OR UNAUTHORIZED USE IS PROHIBITED - 2006	2 X 4 EXTERIOR WALLS UNLESS OTHERWISE NOTED
				LOWER LEVEL FLOOR PLAN
				SHEET No. 1
				DRAWN BY MAJID HAWARI/JDC SOLD BY BRIAN DOUGHERTY

NOTE: STAIR TREADS & RISERS MAY VARY AS A RESULT OF LOCAL BUILDING CODES AND STANDARDS.



UPPER LEVEL FLOOR PLAN

SCALE: 1/4" = 1'-0"

NOTE CEILING HEIGHT:
HEATED AREAS = 8'-1 1/8"
(IN ALL ROOMS)
PORCH = 8'-5 1/8"

NOTE
7/16" O.S.B. SHEATHING
& HOUSE WRAP REQ'D

NOTE: CLOSET SHELF
HEIGHT OFF FLOOR =
65" (SINGLE)
42" & 84" (DOUBLE)

NOTE: SITE DROP	
SEWER	—
HOSE BIBB	+
WATER LINE	---
POWER METER	⏏
GAS LINE	I
UNDERGROUND POWER	
OVERHEAD POWER	

SYMB	DOORS	ROUGH OPENING	
		WIDTH	HEIGHT
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J. LEE SMITH, PE #36177

2 X 4 EXTERIOR WALLS
UNLESS OTHERWISE NOTED

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PHONE - (407) 740 7111 FAX - (941) 923 7644
CA #8886

DATE: 11/20/06
REVISIONS

AREA TABULATION
LOWER LEVEL 1260 S.F.
UPPER LEVEL 830 S.F.
PORCH 210 S.F.
REAR STOOP 16 S.F.

THE CHARLESTON
FOR JOHN & LINDA BROWN

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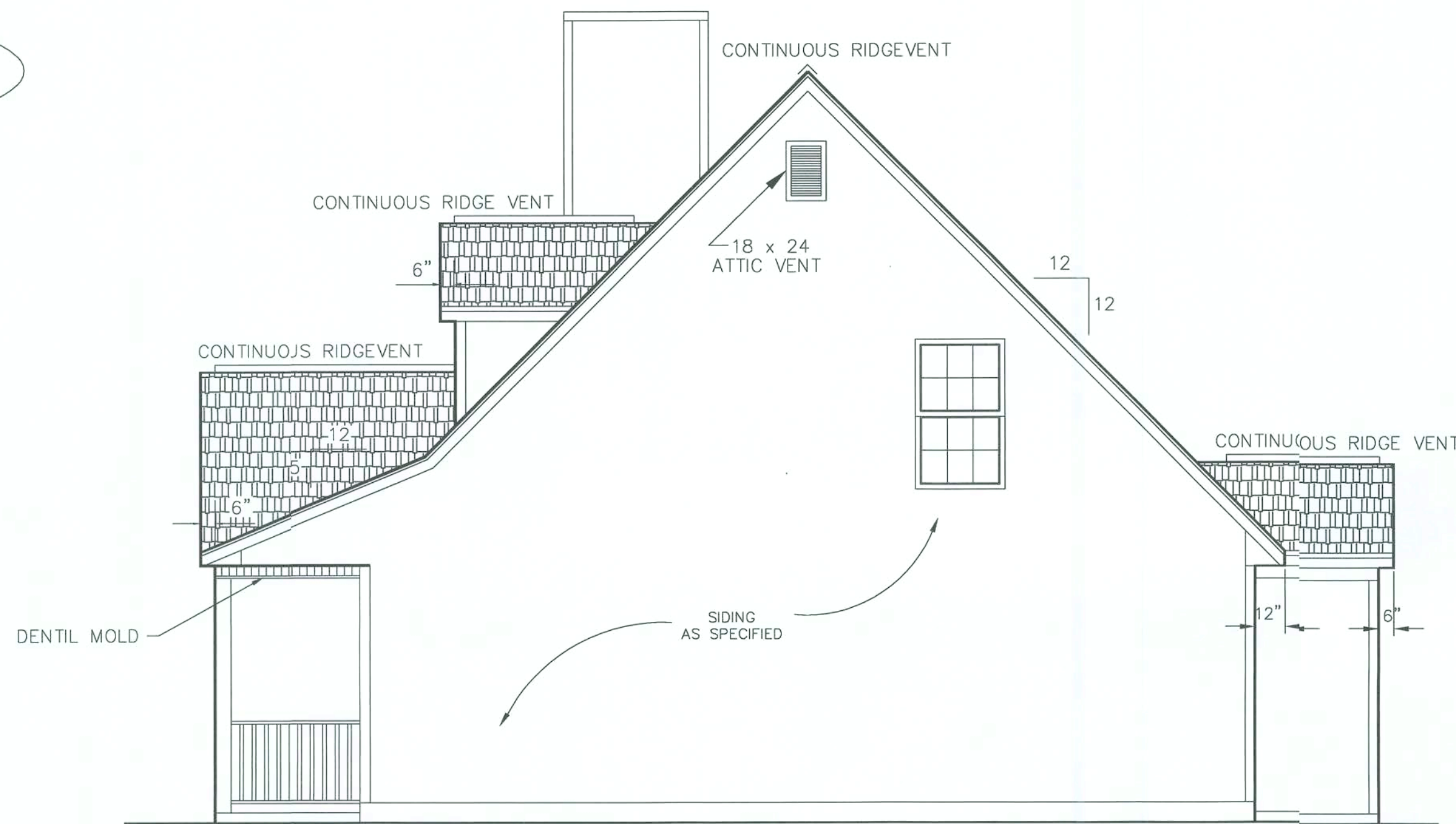
UPPER LEVEL
FLOOR PLAN

DRAWN BY MAJID HAWARI/IDC
SCALE: AS NOTED
SOLD BY BRIAN DOUGHERTY

SHEET No. 2
OF 9

100% COMPLETE

FINAL



RIGHT SIDE ELEVATION



FRONT ELEVATION

ELEVATIONS

SCALE: 1/4" = 1'-0"

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Lee
12/1/06

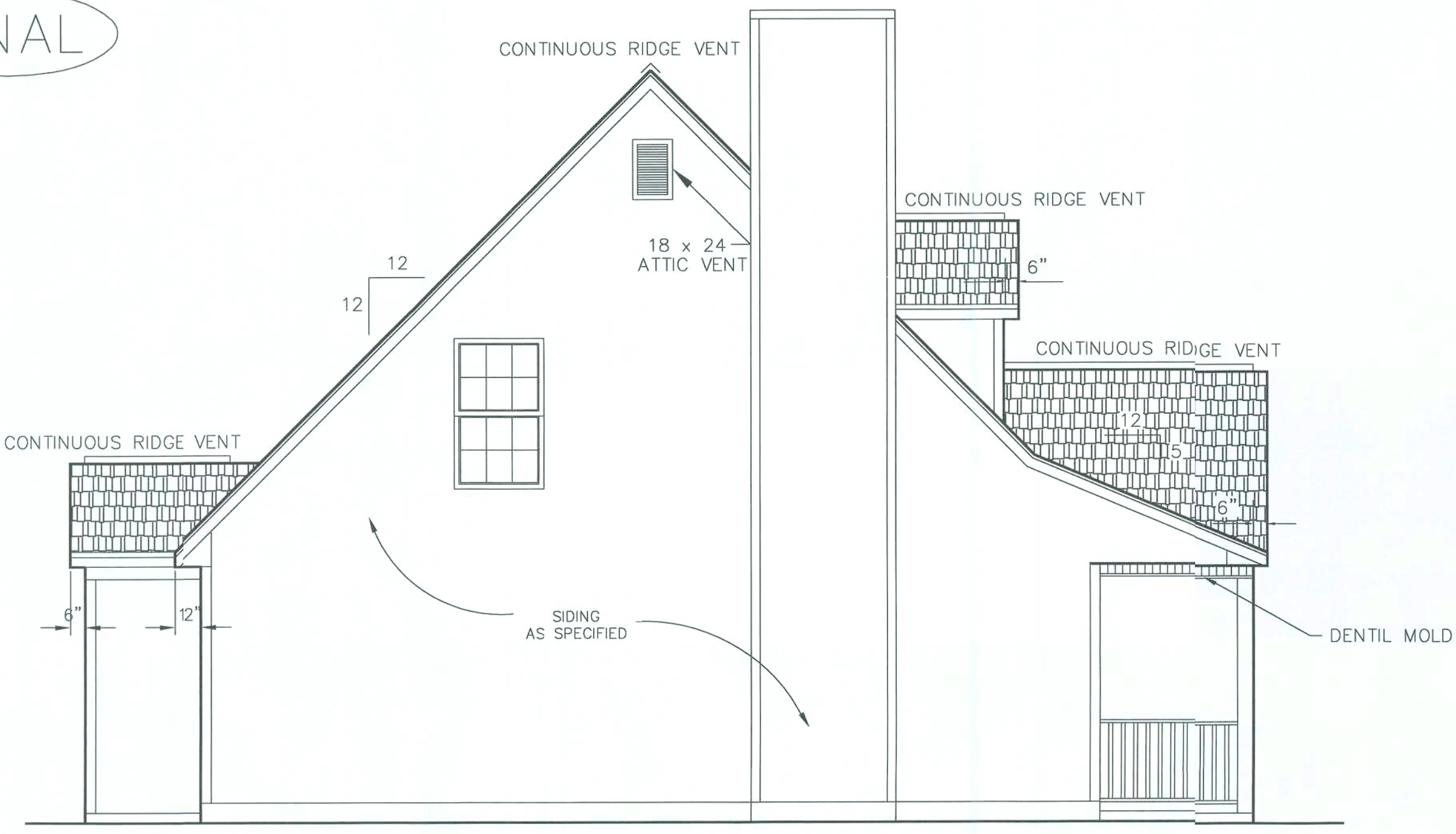
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				ELEVATIONS	
				SHEET No. 3	
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				SCALE: 1/4" = 1'-0"	
				DRAWN BY MAJID HAWARI/JDC	
				SOLD BY BRIAN DOUGHERTY	
				OF 13	

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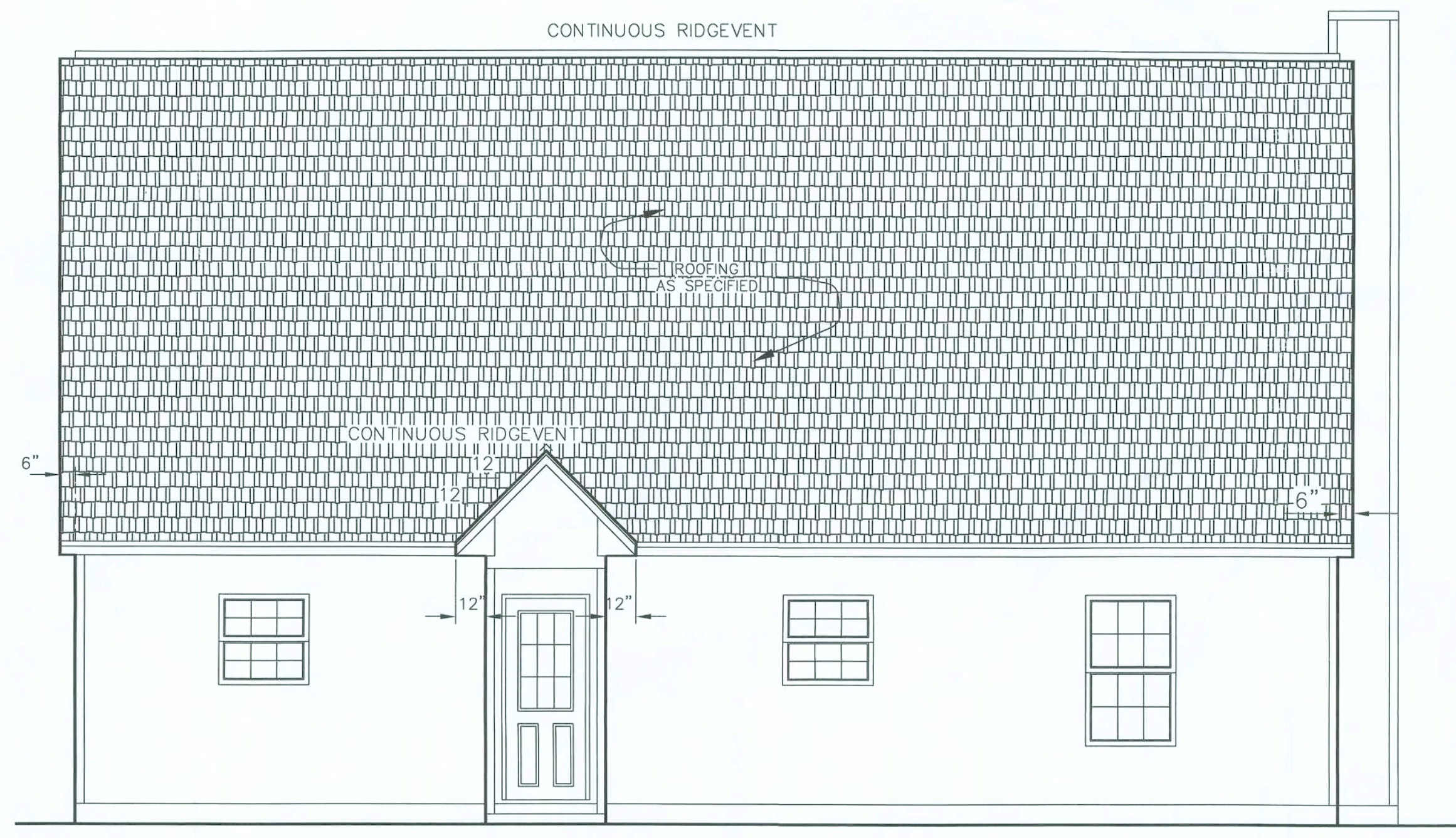
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FINAL



LEFT SIDE ELEVATION



REAR ELEVATION

ELEVATIONS

SCALE: 1/4" = 1'-0"

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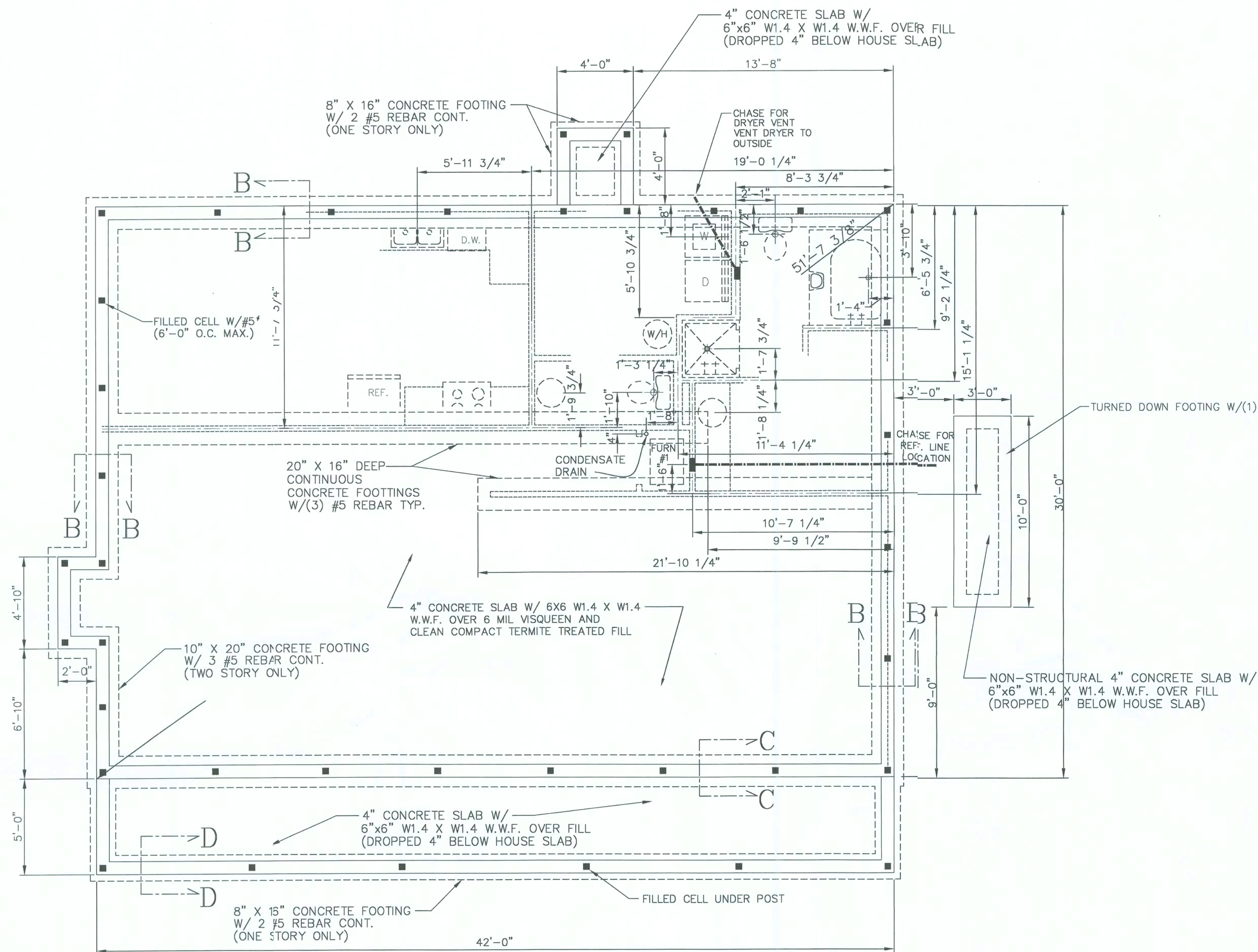
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J. Lee Smith

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2 X 4 EXTERIOR WALLS UNLESS OTHERWISE NOTED						
ELEVATIONS						
SHEET No. 4						
SCALE: 1/4" = 1'-0"						
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SOLD BY BRIAN DOUGHERTY		OF 13				

100% COMPLETE

FINAL



STANDARD CU. YD. FILL
FOUNDATION PLAN

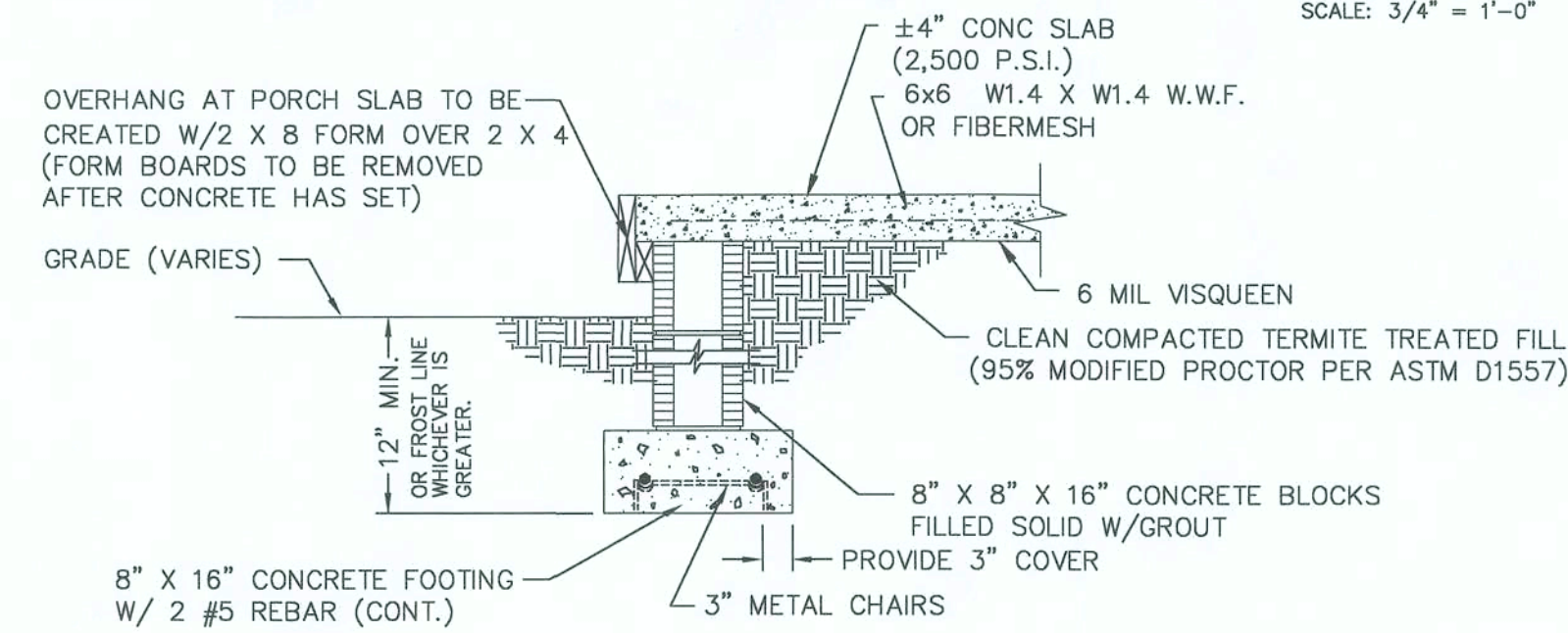
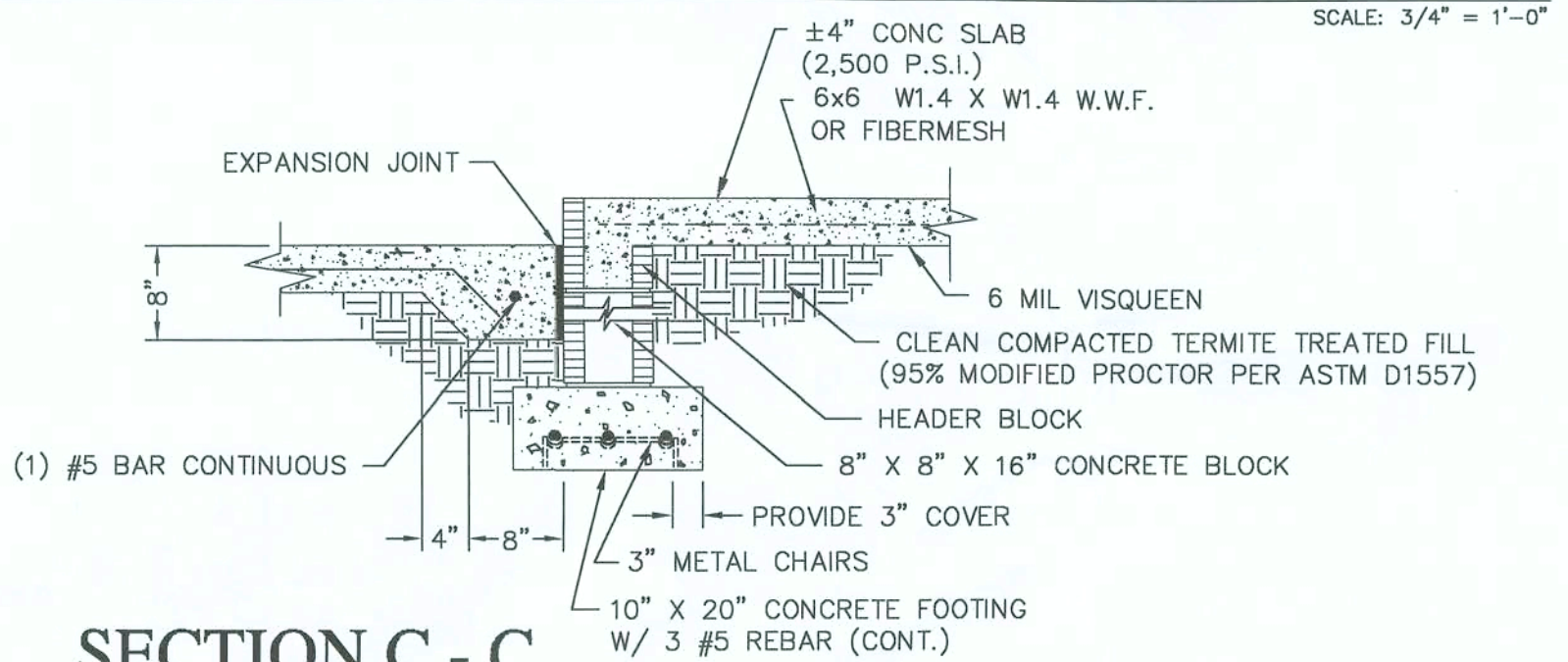
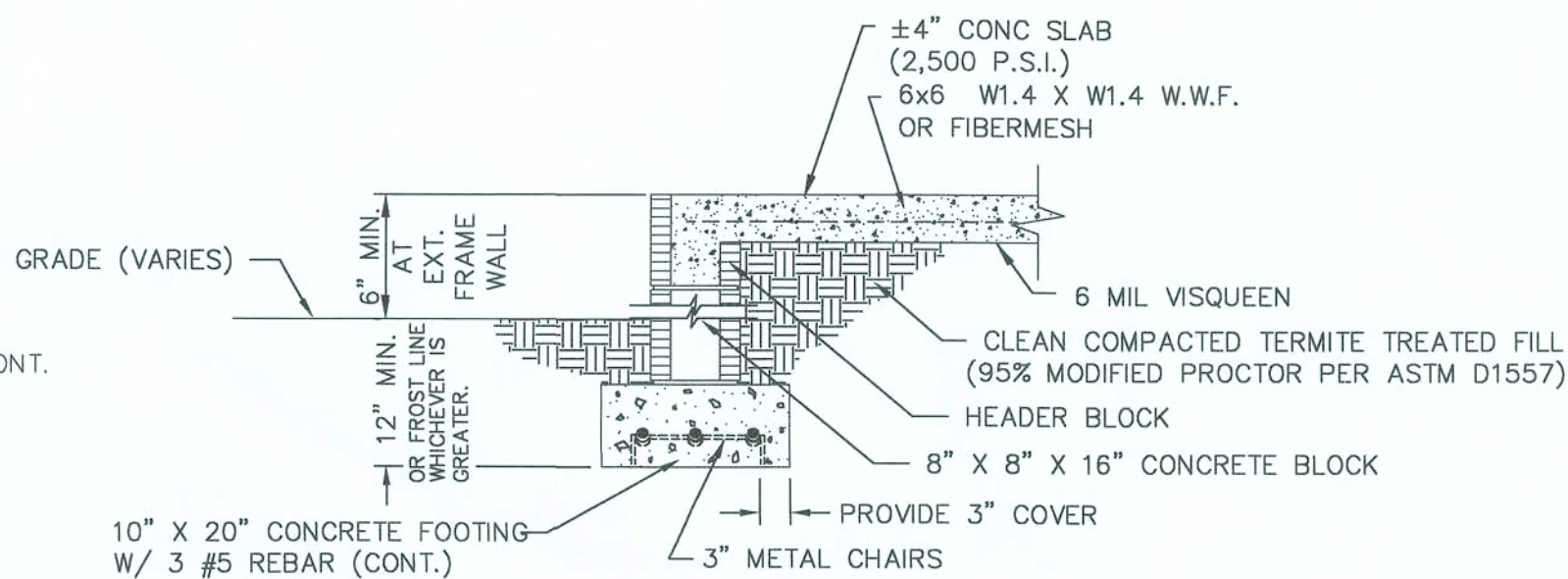
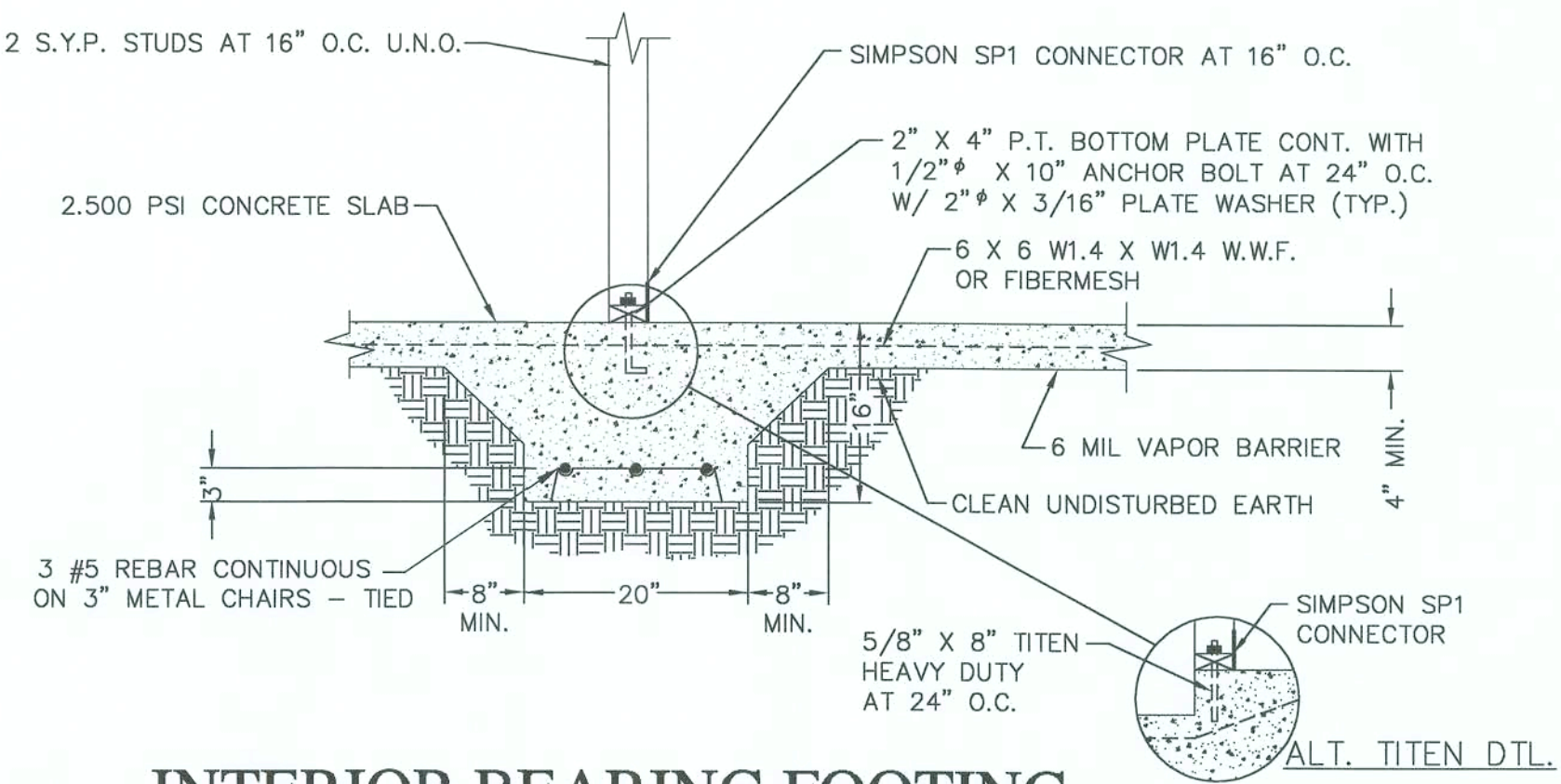
SCALE: 1/4" = 1'-0"

FOUNDATION INSPECTION NOTE

A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON THE SITE FOR THE BUILDING INSPECTORS TO USE OR ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.

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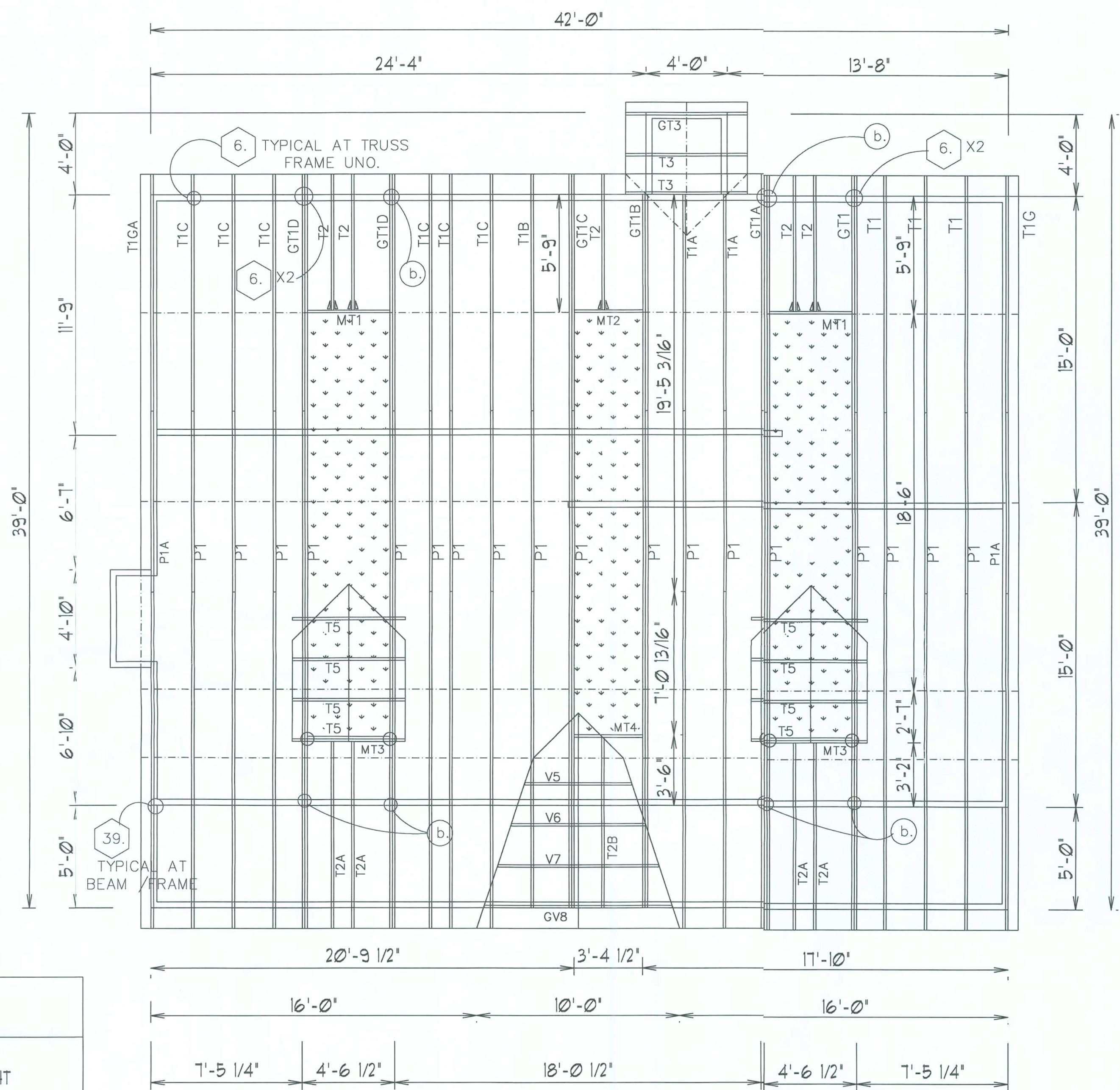


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PROPERTY OF AMERICA'S HOME PLACE, INC.	2 X 4 EXTERIOR WALLS UNLESS OTHERWISE NOTED		ENGINEERING SERVICES GROUP, INC.	
	FOUNDATION PLAN/DETAILS		1299 W. FAIRBANKS AVE. - WINTER PARK - FLORIDA - 32789 PHONE - (407) 740 7111 FAX - (941) 923 7644 CA #8886	
	© COPYRIGHT 1993 - ALL RIGHTS RESERVED -		DATE 11/29/06 REVISIONS AREA TABULATION LOWER LEVEL 1260 S.F. UPPER LEVEL 830 S.F. PORCH 210 S.F. REAR STOOP 16 S.F.	
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FINAL



TRUSS PLAN

SCALE: 1/4" = 1'-0"

LEGEND

- 8'-1 1/8" WALL HEIGHT
- FRAMED BY BUILDING
- HUS26 TRUSS HANGERS
- HGUS26-2 TRUSS HANGERS

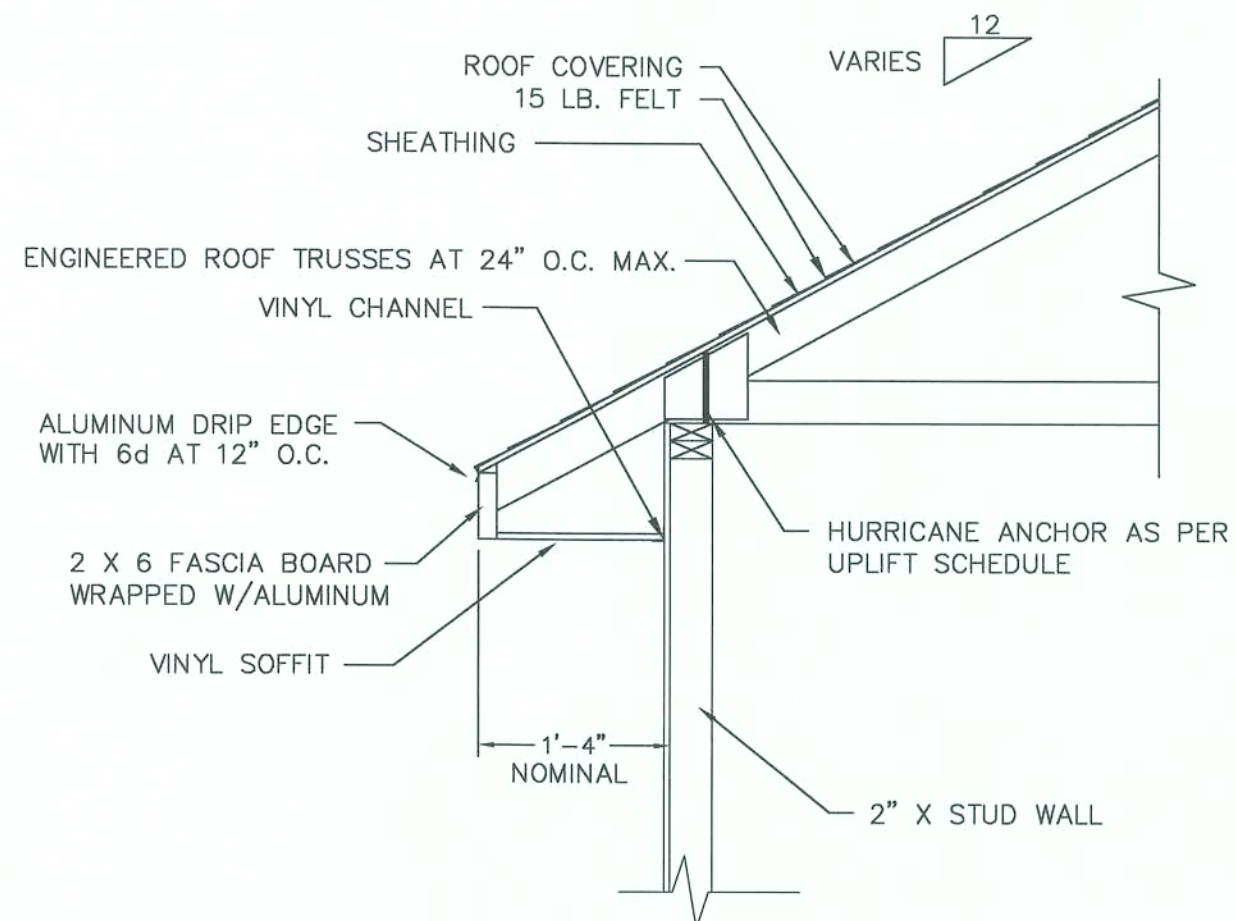
NOTES:

- 1.) REF. ATTACHED CONNECTOR SCHEDULE.
- 2.) UNLESS OTHERWISE NOTED - ALL INTERIOR BEARING HEADERS TO BE (2) 2" X 12" WITH 1/2" PLYWOOD BETWEEN AND @ AT EACH END
- 3.) ALL STRUCTURAL FRAMING TO BE MINIMUM NO. 2 SOUTHERN YELLOW PINE.
- 4.) TRUSS/TRUSS CONNECTOR PER TRUSS MANUFACTURER.
- 5.) IF ANY STRUCTURAL CONDITION SHOULD OCCUR IN THE FIELD THAT IS NOT NOTED ON THESE DRAWINGS, CONTRACTOR MUST NOTIFY ENGINEER OF RECORD IN WRITING IMMEDIATELY AND PRIOR TO ANY FURTHER CONSTRUCTION COMMENCING IN AFFECTED AREA(S).

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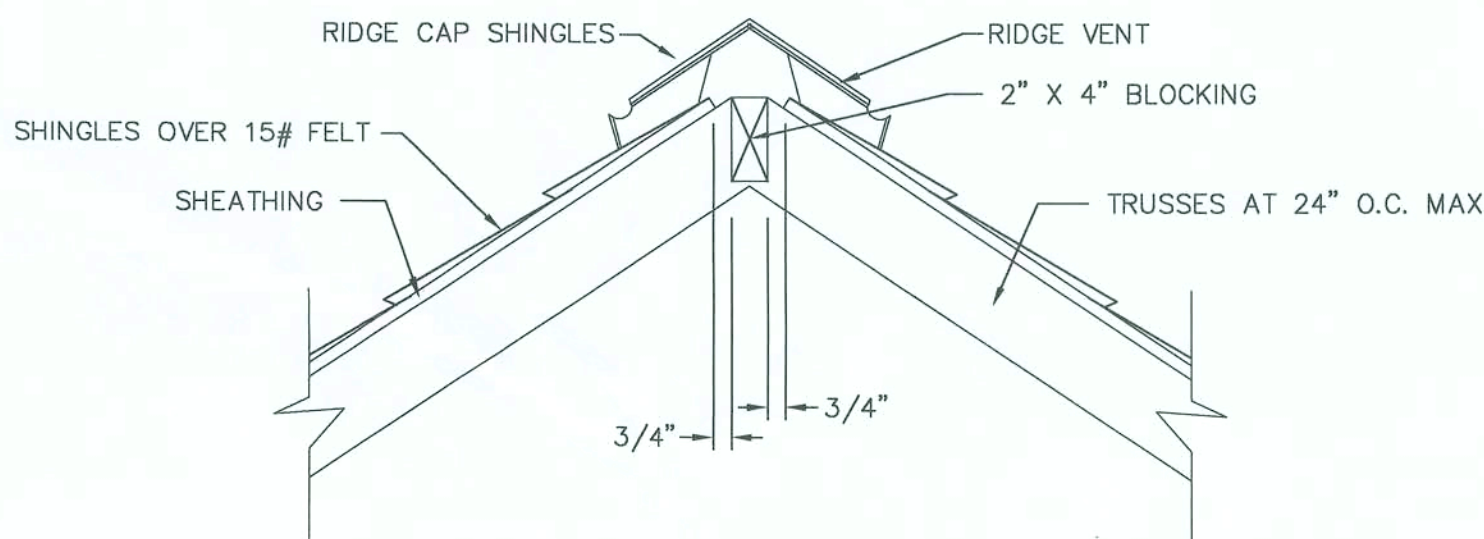
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CA #8886
J. LEE SMITH, PE #36177



BOXED EAVES DETAIL

- * MITERED CUTS TO BE MADE AT ALL JOINTS OF FASCIA.
- * REFER TO DETAIL B/12 FOR STRUCTURAL INFORMATION.

SCALE: 3/4" = 1'-0"



RIDGE VENT DETAIL

- NOTE: 3/4" CUT OUT ON BOTH SIDES OF RIDGE. CUT OUTS SHOULD STOP 12" FROM END OF RIDGE VENT ON EACH END.

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

ENGINEERING SERVICES GROUP WILL BEAR NO RESPONSIBILITY FOR ERROR IN TRUSS DESIGN OR MANUFACTURE OR OTHER DISCREPANCIES OF DIMENSIONS ELSEWHERE ON THE PLANS. THE BUILDER AND TRUSS MANUFACTURER ARE TO REVIEW TRUSS PLANS AND VERIFY ALL DIMENSIONS, SPANS, PITCHES, AND QUANTITIES BEFORE MANUFACTURE AND SHALL REFER ANY QUESTIONS ON LOADING OR DESIGN TO THE ENGINEER OF RECORD.

TRUSS FRAMING NOTES

1. ALL CONNECTIONS PER SOMPSON CATALOG (LATEST EDITION). CONTACT ENGINEER FOR ALTERNATE CONNECTIONS.
2. PRE-ENGINEERED WOOD TRUSSES SPACED AT 24" O/C TYPICAL, UNLESS OTHERWISE NOTED.
3. SEE FLOOR PLAN AND ELEVATIONS FOR ADDITIONAL ROOF INFORMATION.

TRUSS ENGINEERING AND LAYOUTS SHOWN HERE WERE PRODUCED BY:

SOUTHERN TRUSS
ON: XX / XX / 2006

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2 X 4 EXTERIOR WALLS
UNLESS OTHERWISE NOTED

TRUSS PLAN
SCALE: 1/4" = 1'-0"

DRAWN BY MAJID HAWARI/JDC
SOLD BY BRIAN DOUGHERTY

ENGINEERING SERVICES GROUP, INC.
1299 W. FAIRBANKS AVE. - WINTER PARK - FLORIDA - 32789
PHONE - (407) 740 7111 FAX - (941) 923 7644
CA #8886

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DATE: 11/20/06
REVISIONS

AREA TABULATION
LOWER LEVEL 1260 S.F.
UPPER LEVEL 830 S.F.
PORCH 210 S.F.
REAR STOOP 16 S.F.

ADT 2000

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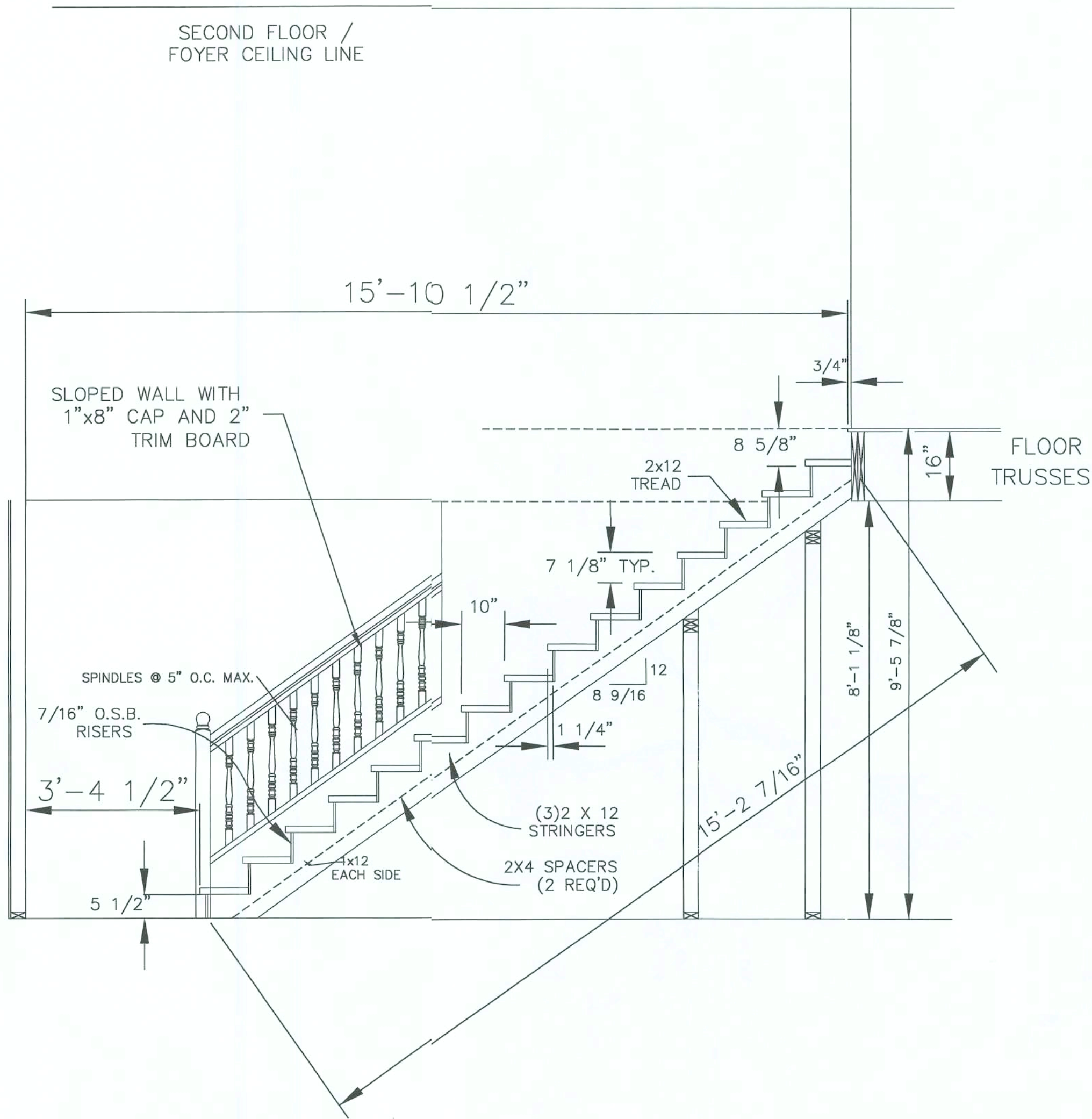
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2 STORY 16 RISER W/8' CEILING
AND FLOOR TRUSSES
10" TREAD/ 7 1/8" RISER



STAIR FRAMING DETAIL

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

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FOR
JOHN & LINDA BROWN

THE
CHARLESTON

AREA	TABULATION	DATE: 11/20/06
LOWER LEVEL	1260 S.F.	REVISIONS
UPPER LEVEL	830 S.F.	
PORCH	210 S.F.	
REAR STOOP	16 S.F.	
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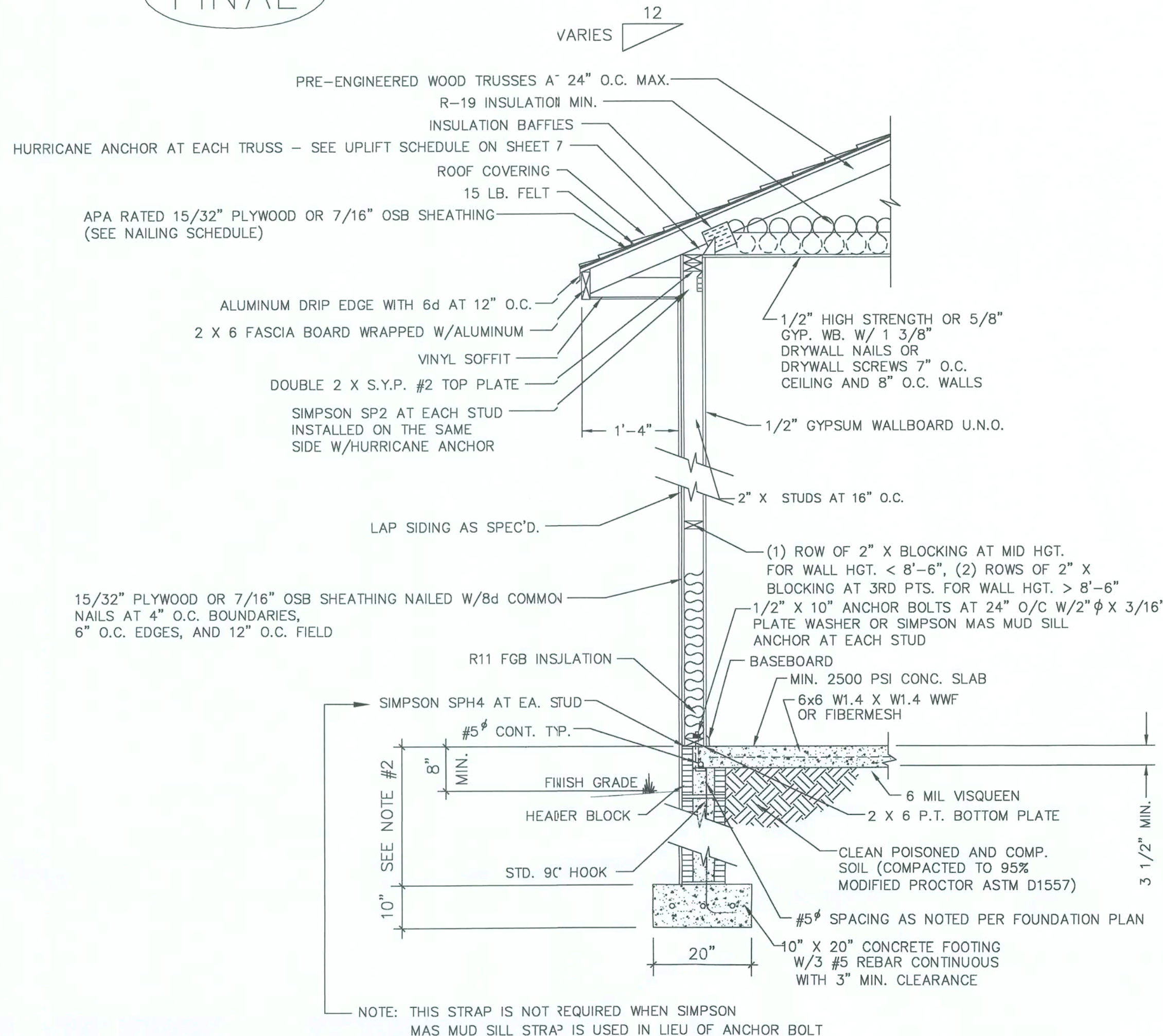
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STAIR FRAMING
DETAIL
SCALE: 1/2" = 1'-0"

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SHEET No. 7
of 13

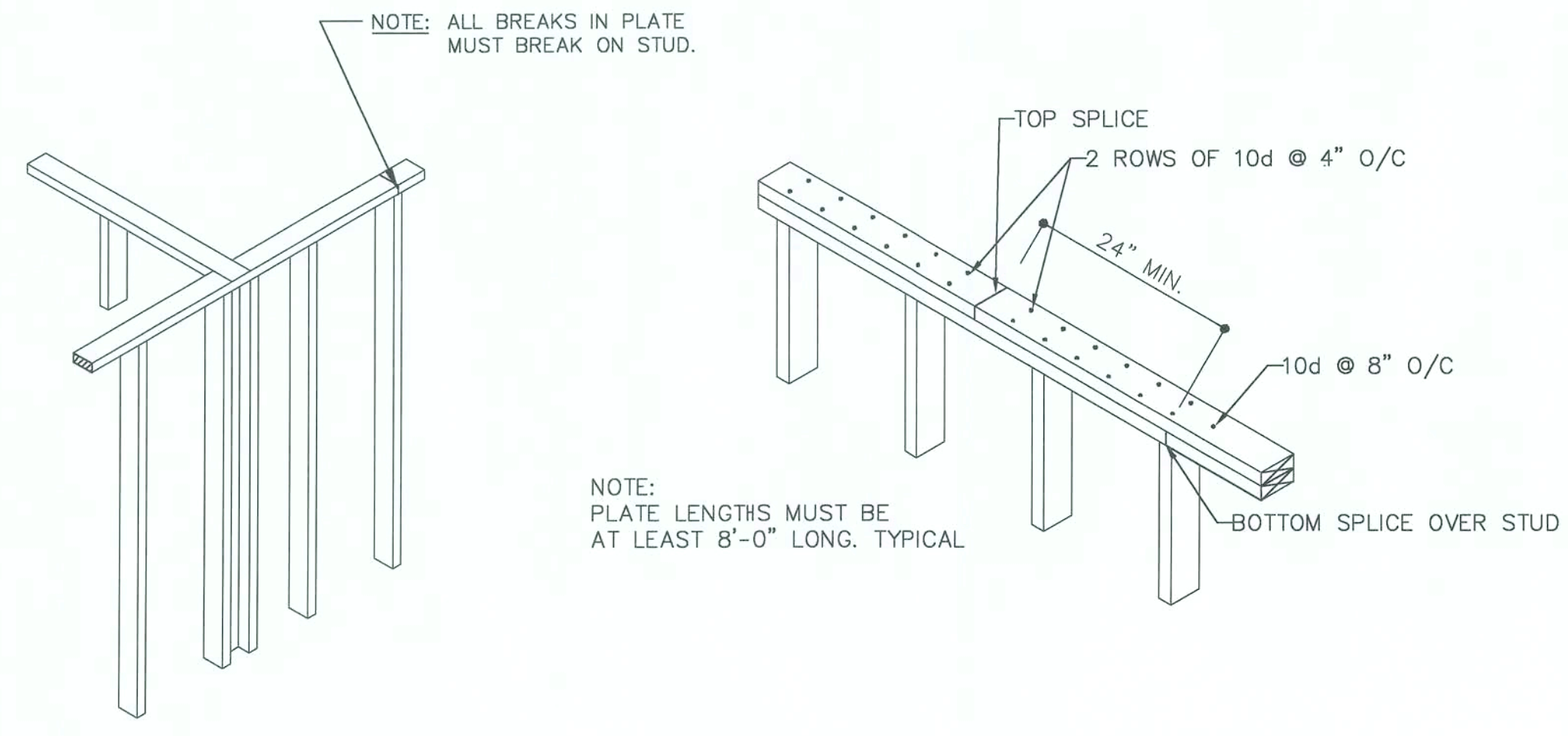
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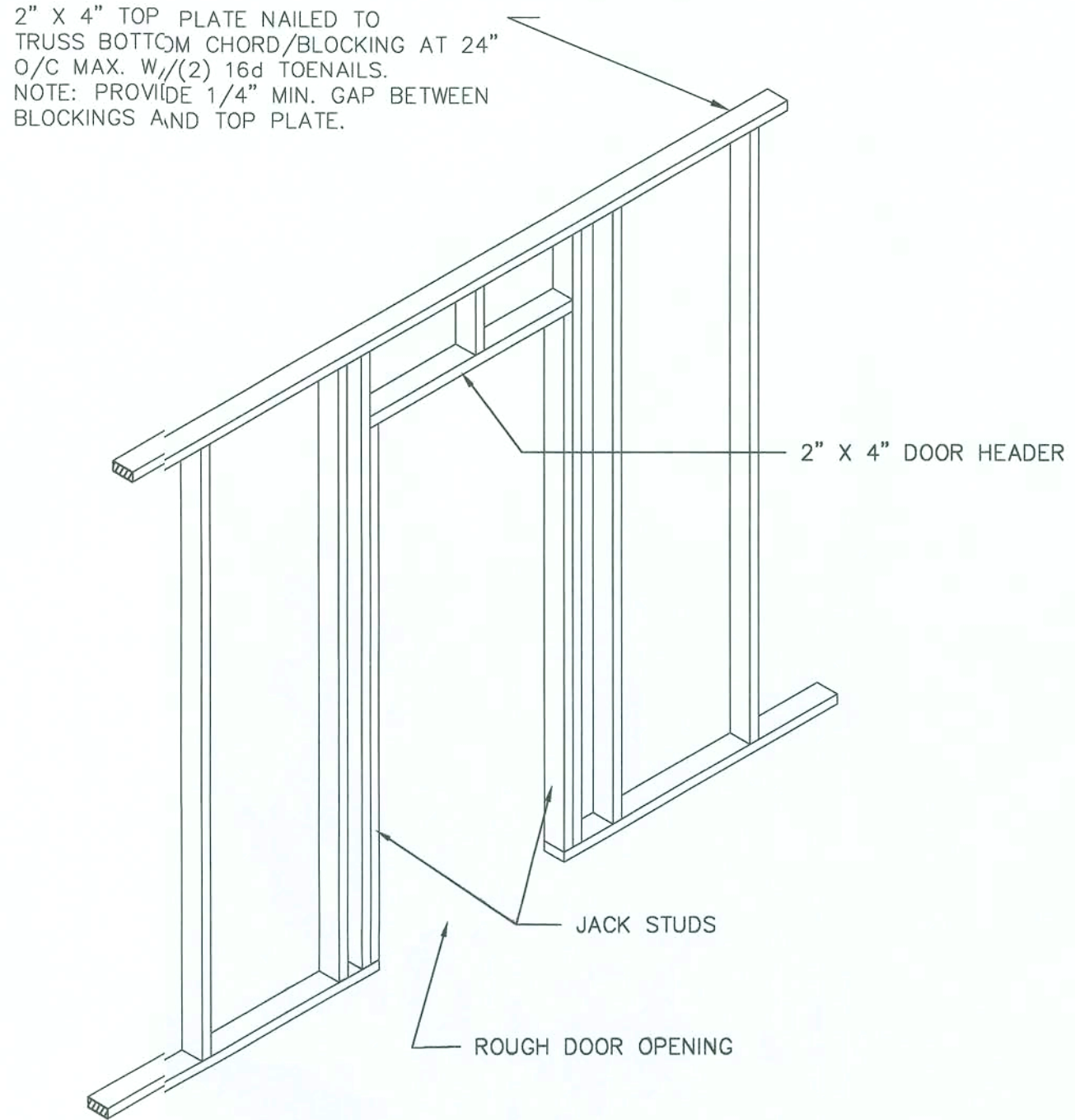
TYPICAL WALL SECTION

- NOTES:
1. FILL ALL CELLS WHEN STEM WALL IS GREATER THAN 24" BUT LESS THAN 40".
 2. FOR STEM WALLS GREATER THAN 30" HIGH CONSULT ENGINEER.

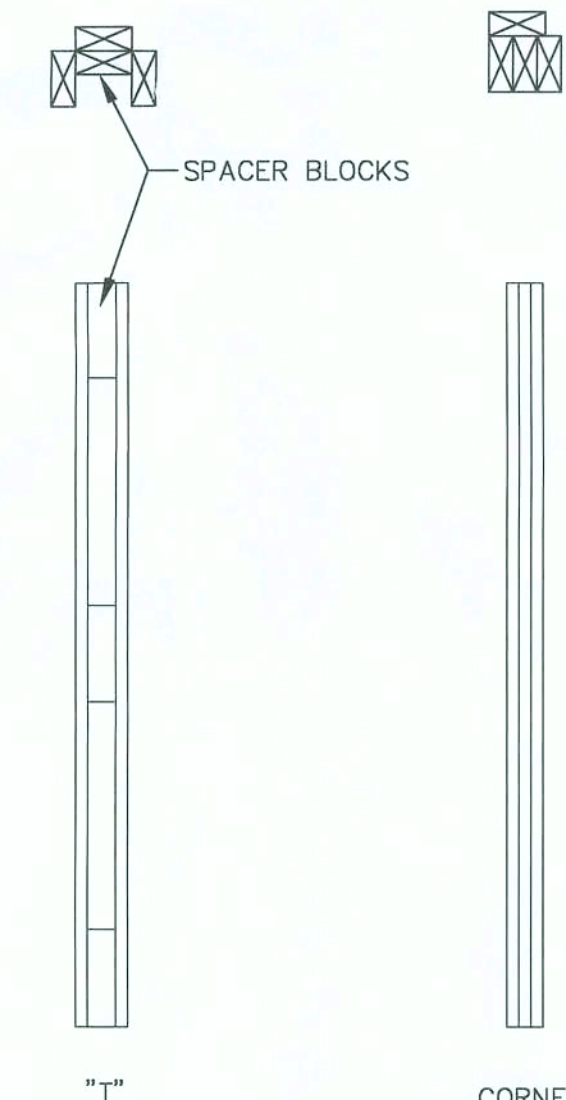


TYPICAL WALL TIE
(NON-BEARING) NO SCALE

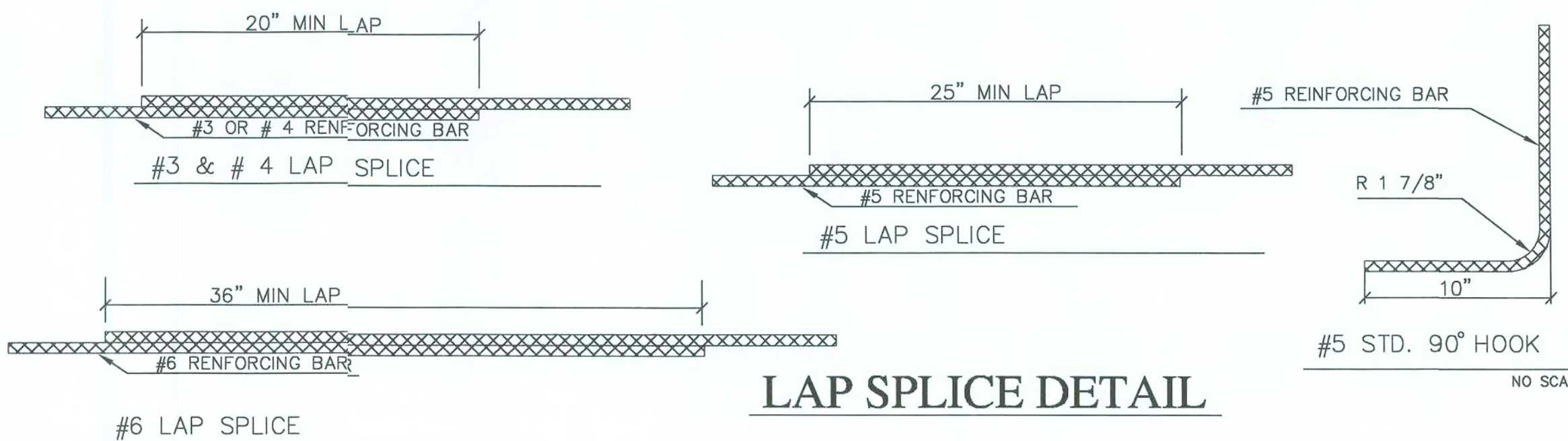
TOP PLATE SPLICE DETAIL
SCALE: 3/4"=1'-0"



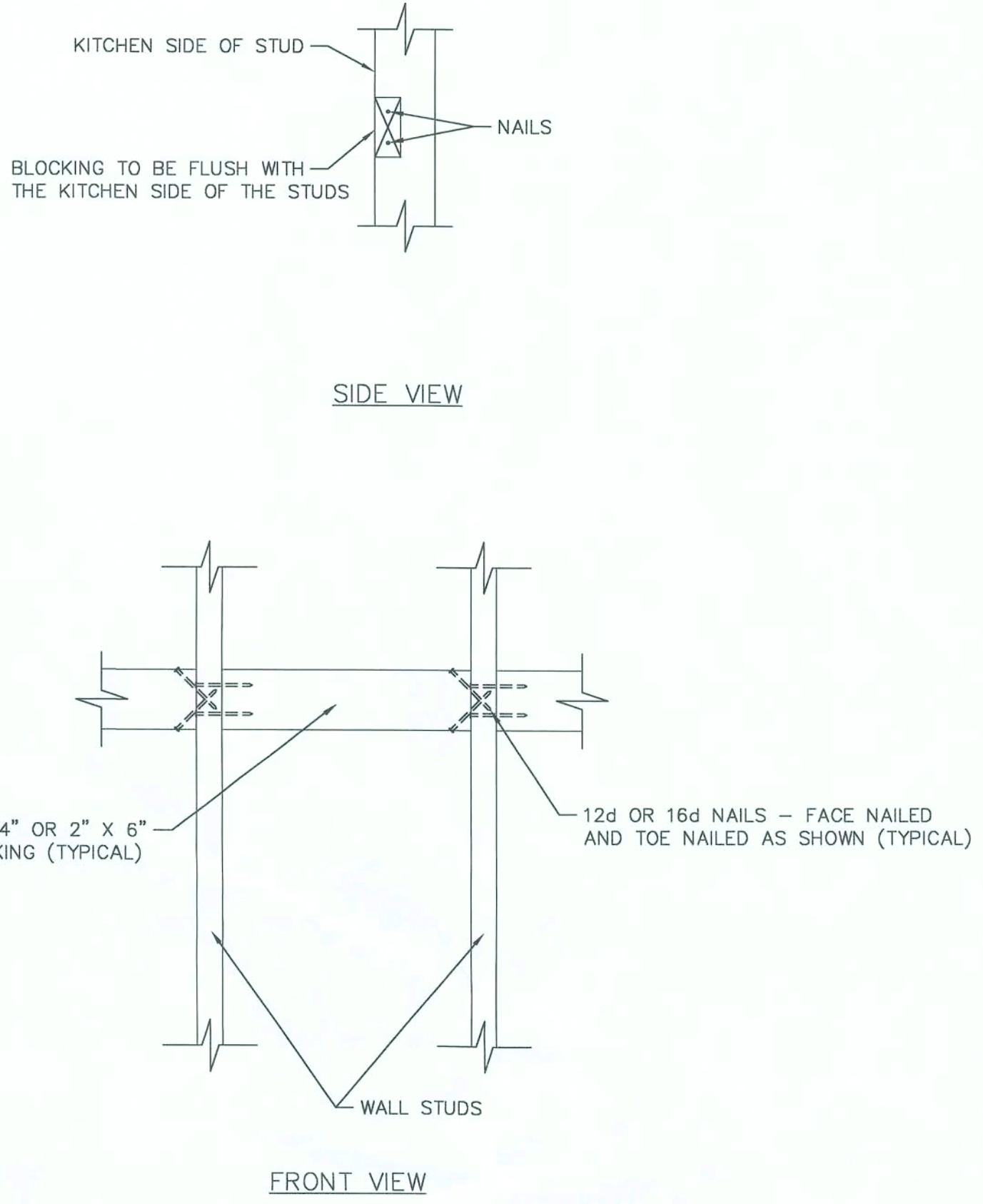
TYPICAL DOOR HEADER DETAIL
AT NON BEARING WALL. NO SCALE



TYPICAL "T" & CORNER
NO SCALE



LAP SPLICE DETAIL
NO SCALE



KITCHEN CABINET WALL BLOCKING DETAIL
SCALE: 1-1/2" = 1'-0"

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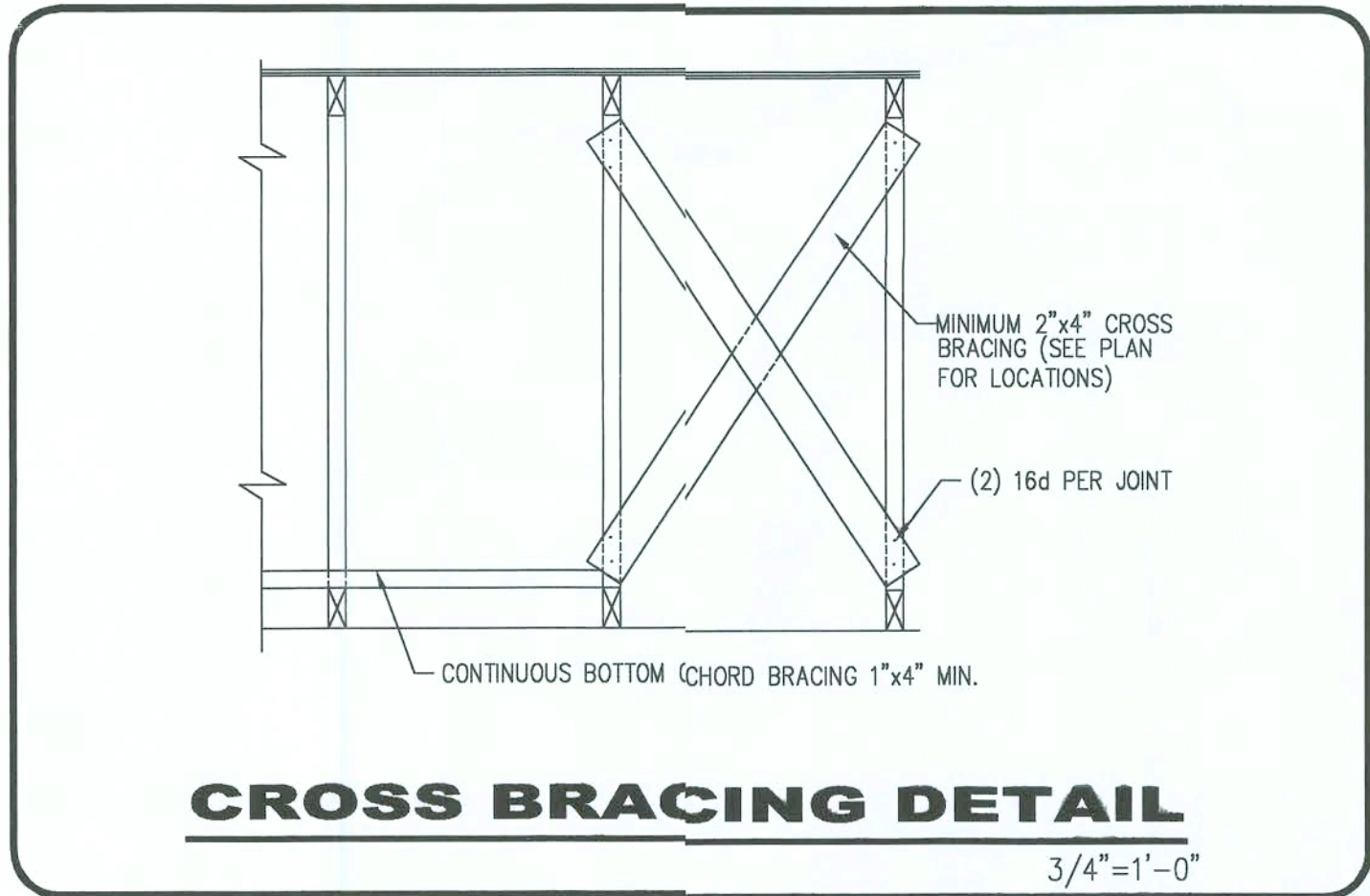
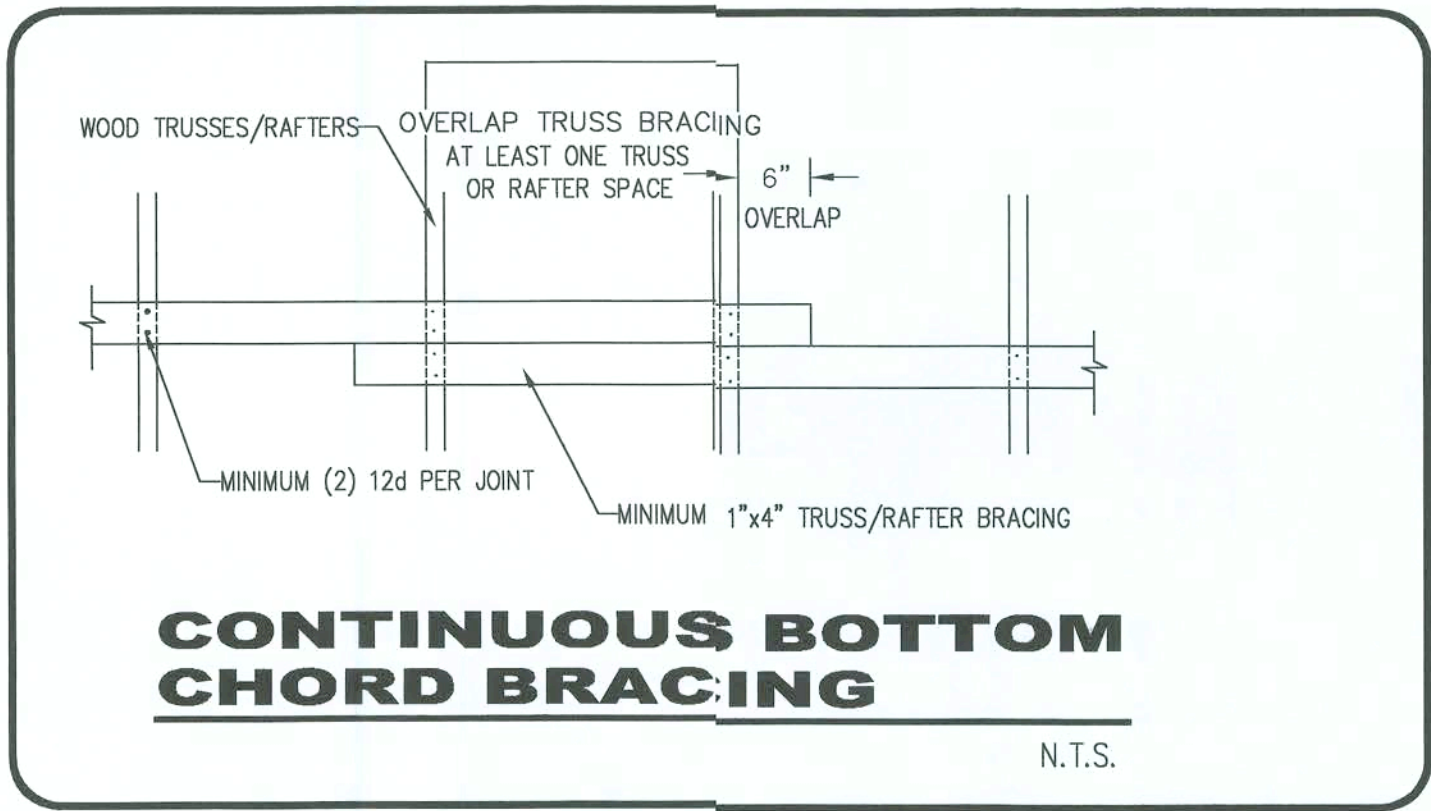
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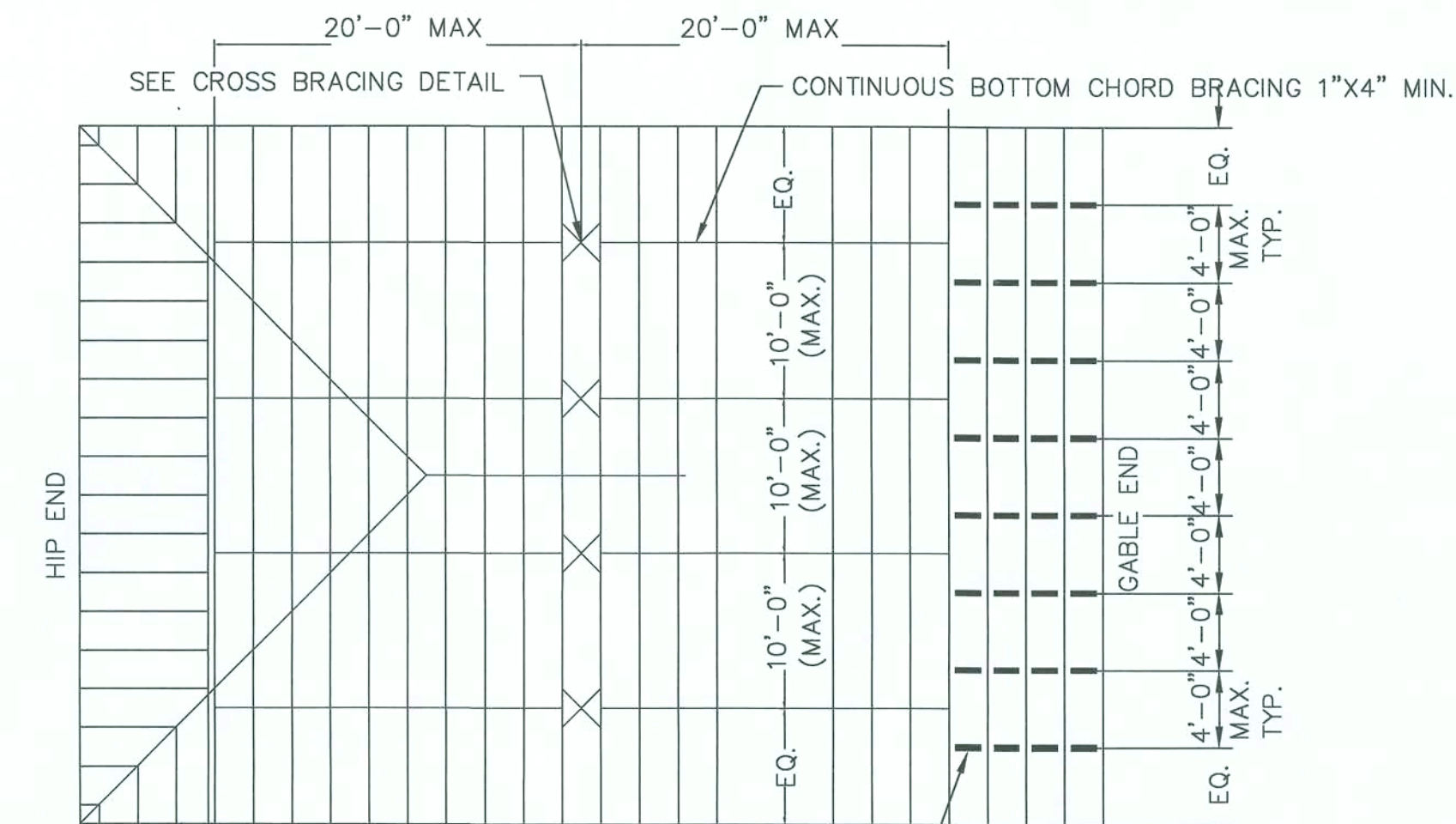
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12/1/06

STRUCTURAL NOTES

- 1) CODES:
1.1 2004 FLORIDA RESIDENTIAL BUILDING CODE, AND WIND LOAD REQUIREMENTS PER SEC. 301.1.
1.2 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-02).
1.3 AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-02).
1.4 SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (AISC 9TH EDITION).
1.5 "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE. ANSI/ TPI 1-1995 EDITION.
- 2) DESIGN CRITERIA:
2.1 DWELLING FLOORS - 40 PSF LIVE LOAD; 15 PSF DEAD LOAD
2.2 BALCONIES - 60 PSF LIVE LOAD; 10 PSF DEAD LOAD
2.3 WALKWAYS - 80 PSF LIVE LOAD; 10 PSF DEAD LOAD
2.4 SHINGLE ROOF - 20 PSF LIVE LOAD + 17 PSF DEAD LOAD (7 PSF T/C & 10 PSF B/C); DURATION FACTOR = 1.25
TILE ROOF - 20 PSF LIVE LOAD + 25 PSF DEAD LOAD (15 PSF T/C & 11 PSF B/C); DURATION FACTOR = 1.25
2.5 WIND - 119.9-MPH. 3-SECOND GUST PER ASCE 7-02 FOR CATEGORY 2, INCLOSED Bldg.
OUTSIDE WIND BORNE DEBRIS REGION. EXPOSURE "B"; IMPORTANCE FACTOR I = 1.00; MAX. COEFF. = ±0.18.
MEAN ROOF HEIGHT = 30 FT., INT. PRESSURE
2.6 NET UPLIFT DEAD LOADS 10 PSF SHINGLE; 15 PSF TILE.
- 3) SOIL:
3.1 MINIMUM ALLOWABLE SOIL PRESSURE 2000 PSF.
- 4) CONCRETE:
4.1 CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS: 2500 PSI (NORMAL WEIGHT).
4.2 REINFORCING BARS: ASTM A615 (GRADE 40).
4.3 WELDED WIRE FABRIC (WWF): ASTM A185.
4.4 DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 315.
4.5 CONCRETE COVERAGE OF REINFORCEMENT: FOOTINGS 3" BOTTOM AND SIDES.
4.6 EARTH SUPPORTED SLABS: (INCLUDING EXTERIOR WALK AND DRIVE SLABS) 3 1/2" THICK MIN., REINFORCED WITH 6X6 - W1.4 X W1.4 WWF AT MID-DEPTH OF SLAB. FIBERMESH MAY BE USED IN LIEU OF WWF AT CONTRACTOR'S OPTION.
4.7 CONCRETE OPERATIONS SHALL COMPLY WITH ACI STANDARDS.
4.8 LAP SPLICE SHALL BE AS FOLLOWS: #5 BAR 25", #4 BAR 20", #3 BAR 18".
- 5) MASONRY:
5.1 DESIGN AND CONSTRUCTION SHALL CONFORM TO THE SPECIFICATION OF THE NATIONAL CONCRETE MASONRY ASSOCIATION AND ACI 530.
5.2 MINIMUM MASONRY UNIT STRENGTH: 1m 1500 PSI.
5.3 MORTAR SHALL BE TYPE S.
5.4 ALL BLOCK CELLS AND CAVITIES BELOW SLAB SHALL BE FILLED WITH CONCRETE WHEN STEM WALL IS GREATER THAN 24" TALL ABOVE GRADE.
- 6) WOOD:
6.1 WOOD - WITH THE EXCEPTION OF STUDS, STRUCTURAL FRAMING MEMBERS SHALL BE #2 SOUTHERN YELLOW PINE (SYP) WITH AN ALLOWABLE BENDING STRESS (Fb) = 1200 PSI AND A MODULUS OF ELASTICITY = 1,600,000 PSI.
WALL STUDS SHALL BE CONSTRUCTION GRADE SPRUCE PINE FIR (SPF) @16" ON CENTER.
6.2 DESIGN, FABRICATE AND ERECT WOOD TRUSSES IN ACCORDANCE WITH THE "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE, ANSI/ TPI 1-1995 EDITION.
6.3 ALL EXPOSED WOOD OR WOOD IN CONTACT WITH EARTH OR CONCRETE, TO BE PRESURE TREATED.
6.4 ROOF SHEATHING: (APA RATED EXPOSURE 1) 1/2" PLYWOOD OR 7/16" OSB MINIMUM SHINGLES OR TILE
6.5 UNTREATED WOOD SHALL NOT BE IN DIRECT CONTACT WITH CONCRETE. SEAT PLATES SHALL BE PROVIDED AT BEARING LOCATIONS WITHOUT WOODEN TOP PLATES.
- 7) FLASHING:
7.1 ASPHALT SHINGLES:
7.1.1 BASE & CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE 26 GAGE (0.019") GALVANIZED STEEL OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 lb per 100 sq. ft. CAP FLASHING SHALL BE 26 GAGE (0.019") GALVANIZED STEEL.
7.1.2 VALLEY LINING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LINING OF THE FOLLOWING TYPES SHALL BE PERMITTED.
7.1.2.1 FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE 26 GAGE (0.019") GALV. STEEL. FOR OPEN VALLEYS, VALLEY LINING OF TWO-PLYES OF MINERAL SURFACE ROLL ROOFING IS PERMITTED. THE BASE LAYER SHALL BE 24" AND THE TOP LAYER SHALL BE AT LEAST 16" WIDE.
7.1.2.2 FOR CLOSED VALLEYS (COVERED WITH SHINGLES) VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36" WIDE AND COMPLYING WITH ASTM D 224, OR
SPECIALTY UNDERLAYMENT AT LEAST 36" WIDE AND COMPLYING WITH ASTM D 1970.
- 7.2 CONCRETE TILE:
7.2.1 AT THE JUNCTURE OF THE ROOF AND VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND WHERE OF METAL, FLASHING SHALL BE 26 GAGE (0.019") GALVANIZED STEEL. THE VALLEY FLASHING SHALL EXTEND AT LEAST 11" FROM THE CENTER LINE EACH WAY AND HAVE A SPLASH DIVERTER RIDG NOT LESS THAN 1" HIGH AT THE FLOW LINE FORMED AS PART OF THE FLASHING. SECTIONS OF FLASHING SHALL HAVE AN END LAP OF NOT LESS THAN 4". FOR ROOF SLOPES OF 3:12 AND OVER, THE VALLEY FLASHING SHALL HAVE ONE LAYER OF 36" WIDE TYPE I UNDERLAYMENT RUNNING THE FULL LENGTH OF THE VALLEY, IN ADDITION TO OTHER REQUIRED UNDERLAYMENTS. FOR SLOPES UNDER 7:12 IN AREAS WHERE THE AVG. DAILY TEMPERATURE IN JANUARY IS 25° F OR LESS, OR WHERE THERE IS A POSSIBILITY OF ICE FORMING ALONG THE EAVES CAUSING A BACKUP OF WATER, THE METAL VALLEY FLASHING UNDERLAYMENT SHALL BE SOLID CEMENTED TO THE ROOFING UNDERLAYMENT.
- 8) DOORS & WINDOWS:
8.1 ALL EXTERIOR WINDOWS AND GLASS DOORS ARE REQUIRED TO BE TESTED IN ACCORDANCE WITH ANSI/AMMA/NWDA 101/152 STANDARD AND BEAR AN AMMA OR WDMA LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT TESTING ENTITY.
8.2 ALL EXTERIOR WINDOWS AND DOORS SHALL BE ANCHORED PER PUBLISHED MANUFACTURER'S RECOMMENDATION TO ACHIEVE THE DESIGN PRESSURE SPECIFIED BELOW.
8.3 IF BUCK THICKNESS IS LESS THAN 1.5", EXTERIOR DOORS AND WINDOWS SHALL BE ANCHORED THROUGH THE JAM, INTO THE STRUCTURAL SUBSTRATE PER THE MANUFACTURER'S SPECIFICATIONS.
8.4 IF BUCK THICKNESS IS EQUAL TO 1.5", OR GREATER, THE BUCK MUST BE ATTACHED IN A MANNER (SEE MFG. SPECS.) THAT TRANSFERS THE LOAD DIRECTLY TO THE STRUCTURE. WINDOWS AND DOORS SHALL BE ANCHORED THROUGH THE JAM INTO THE WOOD BUCK.
8.5 MULLIONS AND ADJACENT DOOR ASSEMBLIES SHALL BE TESTED OR ENGINEERED (BY THE MFG.) TO TRANSFER 1.5 TIMES THE DESIGN LOAD TO THE ROUGH OPENING SUBSTRATE.
- 9) INSPECTIONS:
9.1 FOUNDATION INSPECTIONS
A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING INSPECTOR'S USE. OR, ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.
9.2 FRAMING INSPECTIONS
ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED, AND APPROVED BEFORE REQUESTING THE FRAMING INSPECTION.
- 10) MICRO-LAM LUMBER:
10.1 MICRO-LAM STRESS GRADES SHALL PROVIDE THE FOLLOWING MINIMUM PROPERTIES:
E = 2,000,000 PSI
Fb = 2,800 PSI
Ft = 1,850 PSI
Fc = 500 PSI (PERPENDICULAR)
Fv = 2,700 PSI (PARALLEL)
Fv = 285 PSI



MINIMUM PERMANENT TRUSS BRACING PLAN



- NOTE:
1) SEE TRUSS MANUFACTURER'S TRUSS ENGINEERING DRAWINGS FOR ADDITIONAL PERMANENT BRACING THAT MAY BE REQUIRED
2) "T" BRACING MUST EXTEND OVER AT LEAST 90% OF THE WEB.
- TOP & BOTTOM CHORD GABLE END BRACING @ 4'-0" O/C MAX FOR FIRST (4) ROWS OF TRUSSES

CHEMICAL SOIL TREATMENT FOR TERMITES

- 1- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER, OR ELECTRICAL PANEL.
- 2- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM THE BUILDING SIDE WALLS.
- 3- IRRIGATION/ SPRINKLER SYSTEM INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDE WALLS.
- 4- TO PROVIDE FOR INSPECTION OF TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES.
- 5- EXCEPTION - PAINT OR DECORATIVE CEMENTITIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL.
- 6- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE.
- 7- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RE-TREATED INCLUDING SPACED BOXED OR FORMED.
- 8- BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE & DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT.
- 9- MINIMUM 6-MIL. VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED.
- 10- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR TREATMENT.
- 11- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS.
- 12- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED SHALL BE RETREATED.
- 13- ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT.
- 14- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."
- 15- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING, OR OTHER CELLULOSE CONTAINING MATERIAL.
- 16- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING.

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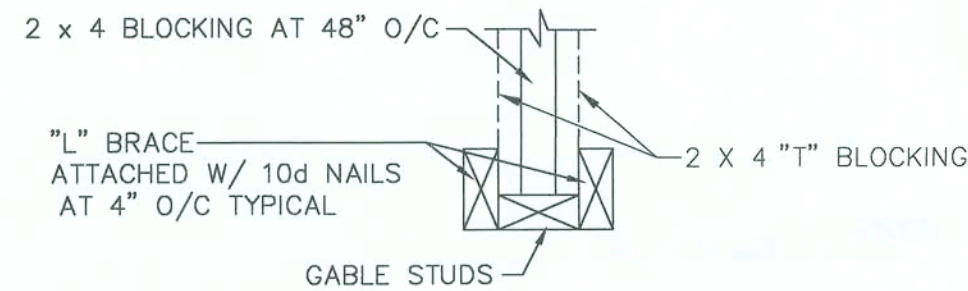
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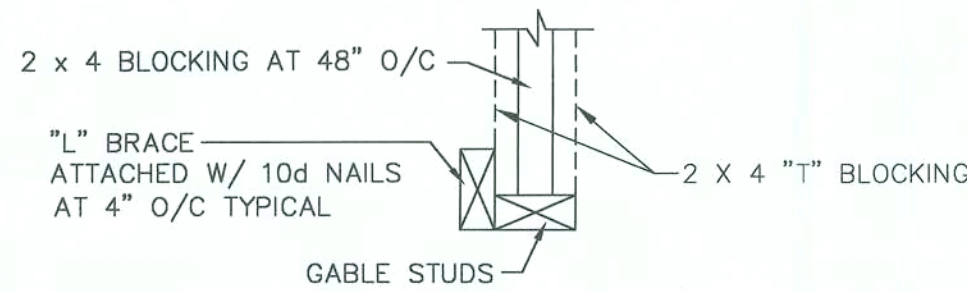
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DRAWN BY MAJID HAWARI/JDC		SCALE: AS NOTED				
SOLD BY BRIAN DOUGHERTY		of 13				
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"L" BRACING REQUIREMENTS									
STUD SPACING	1" BRACE	2" BRACE	2x4" BRACE	2x4" BRACE	2x4" BRACE	2x4" BRACE	2x4" BRACE	2x4" BRACE	2x4" BRACE
16"	0'-0" - 4'-5"	4'-5" - 8'-0"	8'-0" - 12'-0"	12'-0" - 16'-0"	16'-0" - 20'-0"	20'-0" - 24'-0"	24'-0" - 28'-0"	28'-0" - 32'-0"	32'-0" - 36'-0"
24"	0'-0" - 4'-0"	4'-0" - 7'-0"	7'-0" - 10'-0"	10'-0" - 14'-0"	14'-0" - 18'-0"	18'-0" - 22'-0"	22'-0" - 26'-0"	26'-0" - 30'-0"	30'-0" - 34'-0"

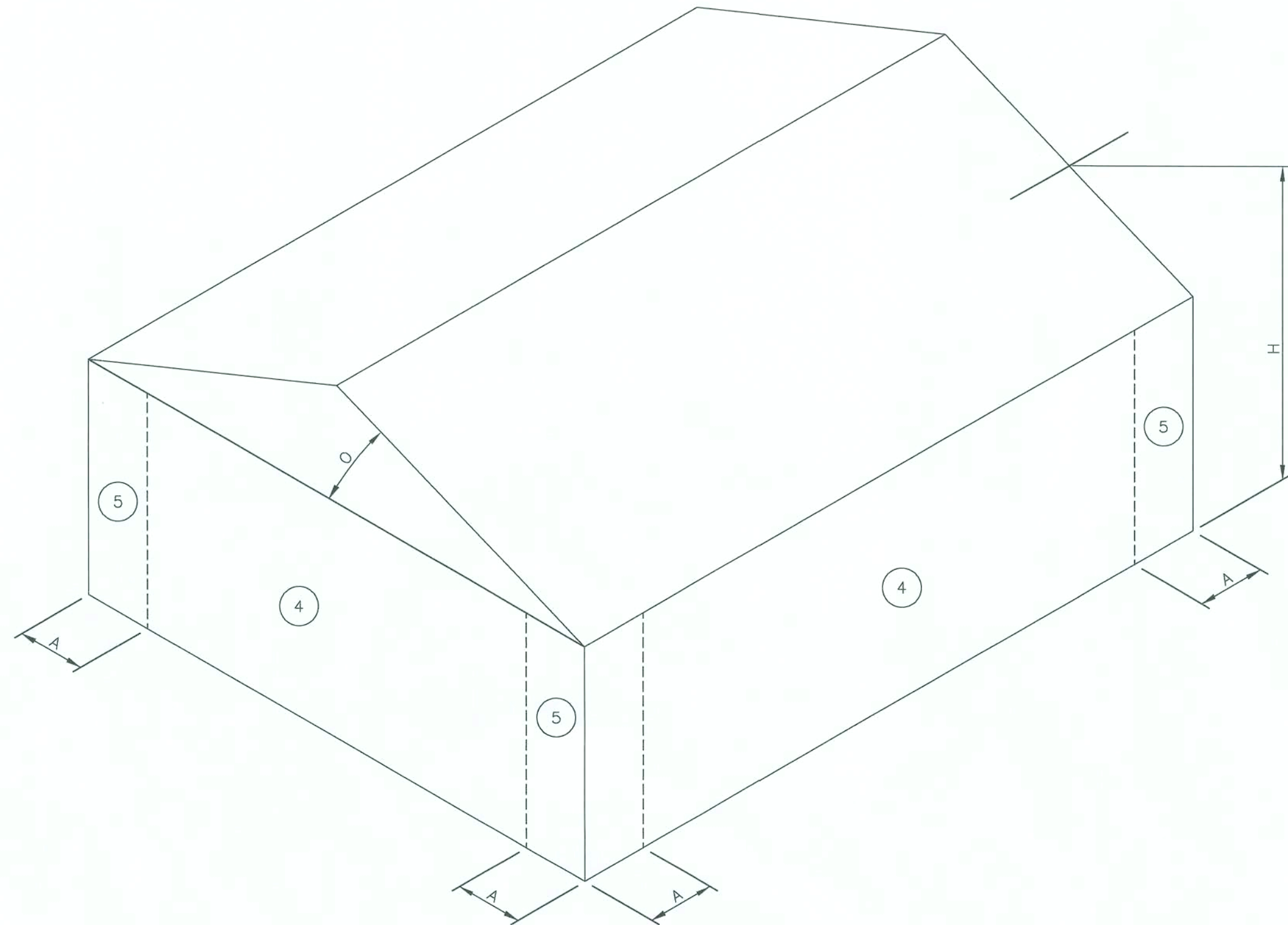
NOTE:
"L" BRACE MUST EXTEND AT LEAST 90% OF WEB LENGTH



DOUBLE "L" BRACING DETAIL
SCALE: NONE 11



SINGLE "L" BRACING DETAIL
SCALE: NONE 11



A:) 10 PERCENT OF LEAST HORIZONTAL DIMENSION OR 0.4H, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3 FT. (1M).

COMPONENT & CLADDING DESIGN PRESSURE (119.9 MPH, 3 SEC. GUST, 2.1/12 PITCH, EXPOSURE B, HEIGHT = 0 TO 30 FEET, IMPORTANCE FACTOR = 1							
TRIBUTARY AREA (FT ²)	ROOF				WALL		
	(GCpI = ± .18)				(GCpI = ± .18)		
	ZONE 1	ZONE 2 & 3	ZONE 4	ZONE 5	ZONE 1	ZONE 2 & 3	ZONE 4
10	14.9	-23.7	14.9	-50.1	25.9	-28.1	25.9
20	13.6	-23.0	13.6	-45.4	24.7	-26.9	24.7
50	11.9	-22.2	11.9	-39.3	23.2	-25.4	23.2
100	10.5	-21.5	10.5	-34.7	22.0	-24.2	22.0
125	10.5	-21.5	10.5	-34.7	21.7	-23.6	21.7

NOTES: 1 FOR EFFECTIVE AREAS OR WIND SPEEDS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED, OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.
2 TABLE VALUES SHALL BE ADJUSTED FOR HEIGHT AND EXPOSURE BY MULTIPLYING BY ADJUSTMENT COEFFICIENTS IN TABLE 1606.2D OF THE FLORIDA BUILDING CODE 2001.
3 PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE BUILDING SURFACES.

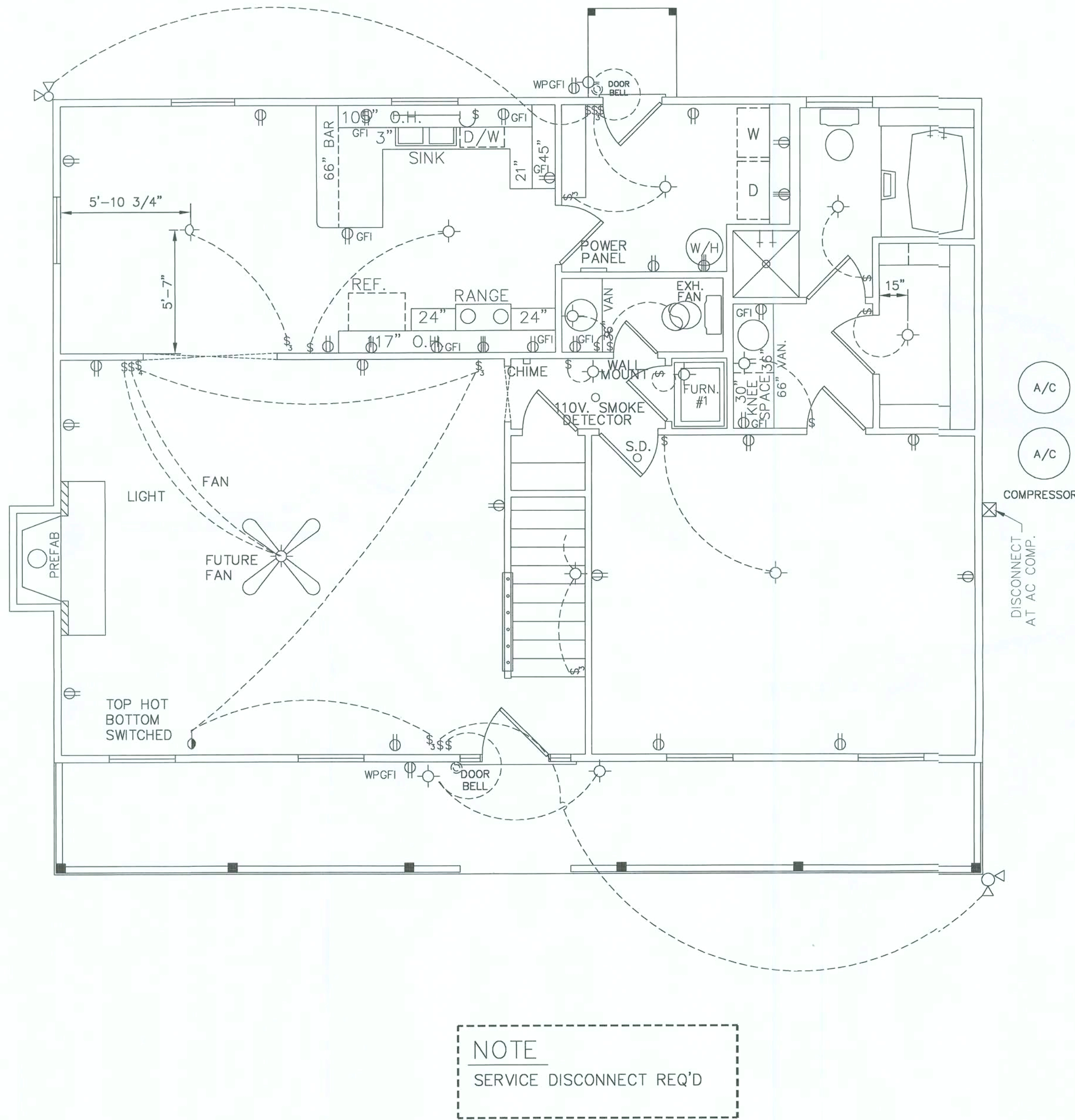
ENGINEERING SERVICES GROUP, INC.
1299 W. FAIRBANKS AVE.
WINTER PARK, FL 32789
CA #8886
J. LEE SMITH, PE #36177

NOTE:
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WE ASSUME NO RESPONSIBILITY FOR ARCHITECTURAL DESIGN, DIMENSIONS, ITEMS OR CONDITIONS NOT REPRESENTED IN THESE DRAWINGS OR NOT PROPERLY NOTED, OR OTHER CONTENT OTHER THAN THE STRUCTURAL COMPONENTS AND THEIR CONNECTIONS.

- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2004 RESIDENTIAL FLORIDA BUILDING CODE, FOR 120 MPH OR LESS WIND SPEED AND COMPLIES WITH SECTION R301.1 DESIGN CRITERIA. WIND LOADING CRITERIA IS GOVERNED BY ASCE 7-02.
BASIC WIND SPEED = 120 MPH
WIND IMPORTANCE FACTOR = 1.0
WIND EXPOSURE CATEGORY = B
INTERNAL PRESSURE COEFFICIENT = +/- 0.18 (FULLY ENCLOSED)
AVERAGE DESIGN WIND PRESSURE = 25 PSF
WIND PRESSURES FOR COMPONENT AND CLADDING FOR WALL ELEMENTS SHALL BE (+) 25.9 & (-) 34.7 PSF
GARAGE DOOR DESIGN PRESSURE +22.8 & -25.8 PSF
- THIS DRAWING IS SEALED ONLY FOR THE STRUCTURAL PORTION OF DETAILS AND SPECIFICATIONS. NON-STRUCTURAL INFORMATION, SUCH AS ELECTRICAL, MECHANICAL, ARCHITECTURAL, AND PROPERTY SURVEY, IF SHOWN, ARE NOT COVERED UNDER THIS SEAL.
- THIS DRAWING IS VALID FOR 12 MONTHS AFTER THE DATE OF THE SIGNATURE.

J. Lee Smith
JLS

PROPERTY OF AMERICA'S HOME PLACE INC.		THE CHARLESTON FOR JOHN & LINDA BROWN	DATE: 11/20/06 REVISIONS		ENGINEERING SERVICES GROUP, INC. 1299 W. FAIRBANKS AVE. - WINTER PARK - FLORIDA - 32789 PHONE - (407) 740 7111 FAX - (941) 923 7644 CA #8886		2 X 4 EXTERIOR WALLS UNLESS OTHERWISE NOTED	
			SHEET No.				DETAILS	
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						SCALE: AS NOTED		
						SOLD BY BRIAN DOUGHERTY		13
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LOWER LEVEL ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

NOTE: SITE DROP	
SEWER	—
HOSE BIBB	—+
WATER LINE	---
POWER METER	—
GAS LINE	—
UNDERGROUND POWER	—
OVERHEAD POWER	—

NOTES

BRACE LIVING ROOM AND ALL BEDROOMS FOR PADDLE FAN

ALL ELECTRICAL IN BEDROOMS SHALL BE ON AN A.F.C.I. PER NEC 2002

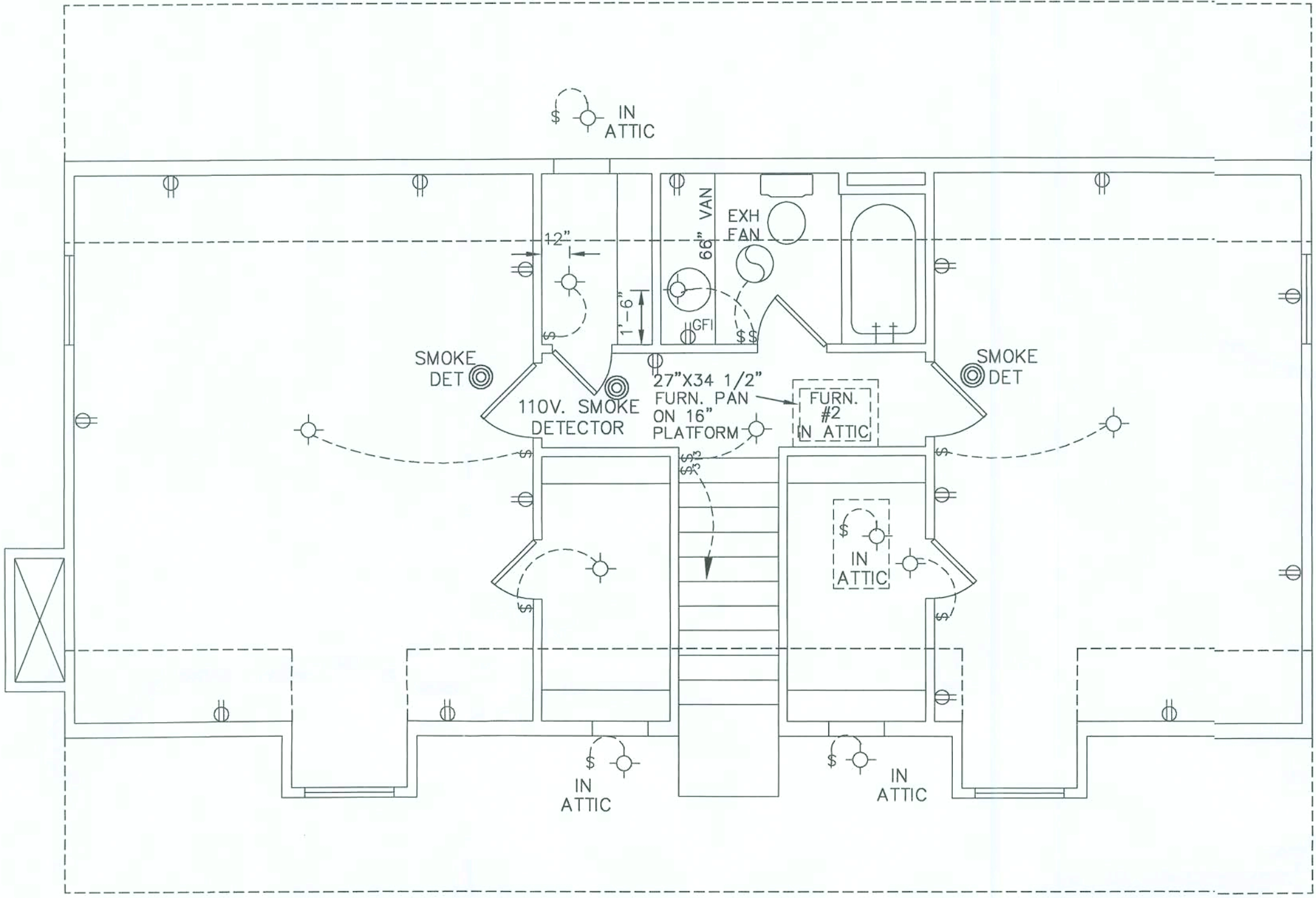
LEGEND

- CLG. OR WALL FIXTURE
- RECESSED CLG. FIXTURE
- FLOURESENT FIXTURE (CLG. OR WALL MNT.)
- OUTLET
- OUTLET 220V
- OUTLET-TOP HOT
- FLOOR OUTLET
- SWITCH
- SWITCH-3 WAY
- SWITCH-4 WAY
- DIMMER SWITCH
- FLOODLIGHT
- DOOR BELL
- EXH. FAN
- SMOKE DETECTOR
- TELEPHONE
- JUNCTION BOX
- THERMOSTAT
- TELEVISION

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				LOWER LEVEL WIRING PLAN 12 SCALE: 1/4" = 1'-0"
				DRAWN BY MAJID HAWARI/JDC SOLD BY BRIAN DOUGHERTY OF 13

100% COMPLETE

FINAL



UPPER LEVEL ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

NOTE: SITE DROP	
SEWER	—
HOSE BIBB	—+
WATER LINE	----
POWER METER	⏏
GAS LINE	— —
UNDERGROUND POWER	—
OVERHEAD POWER	—

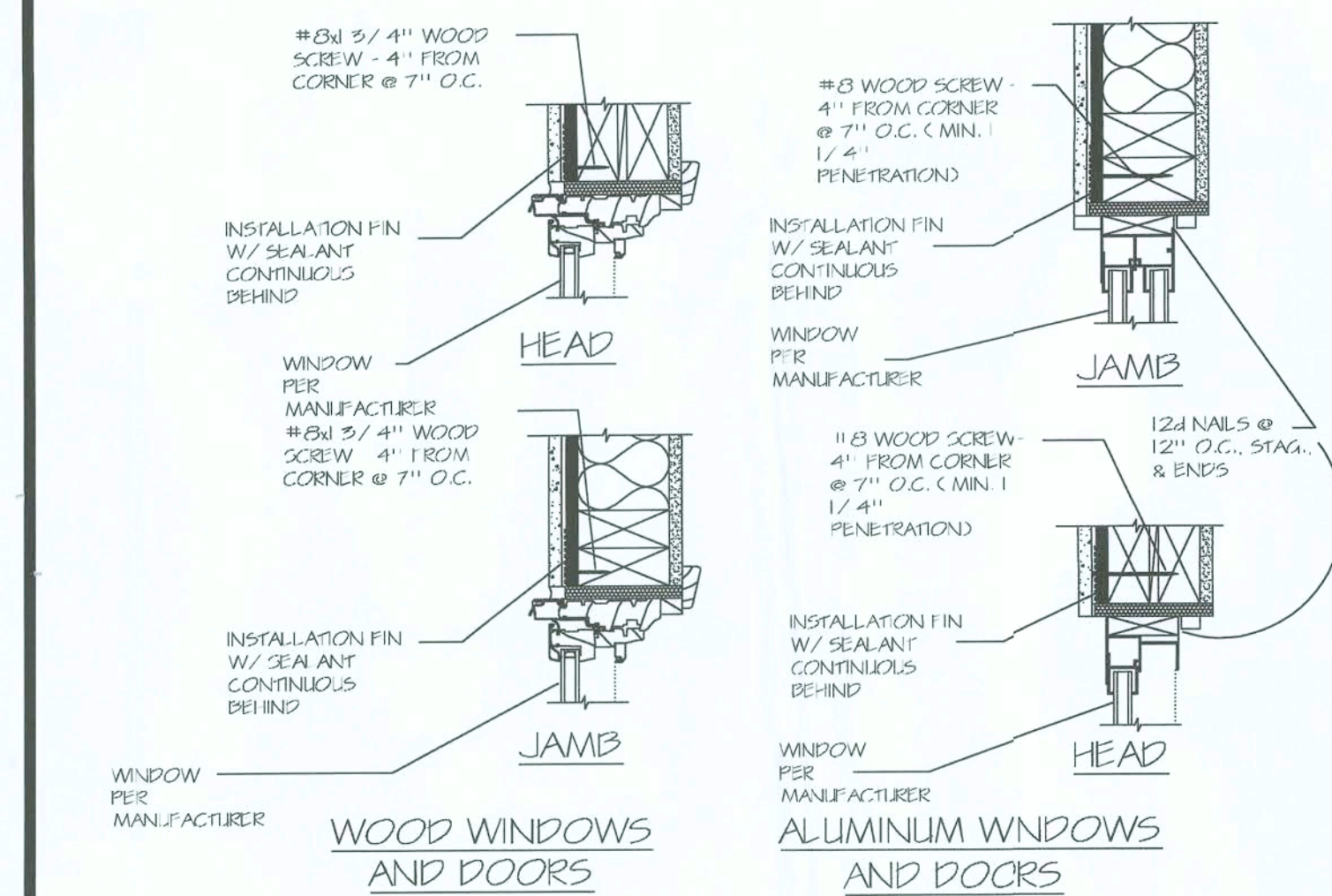
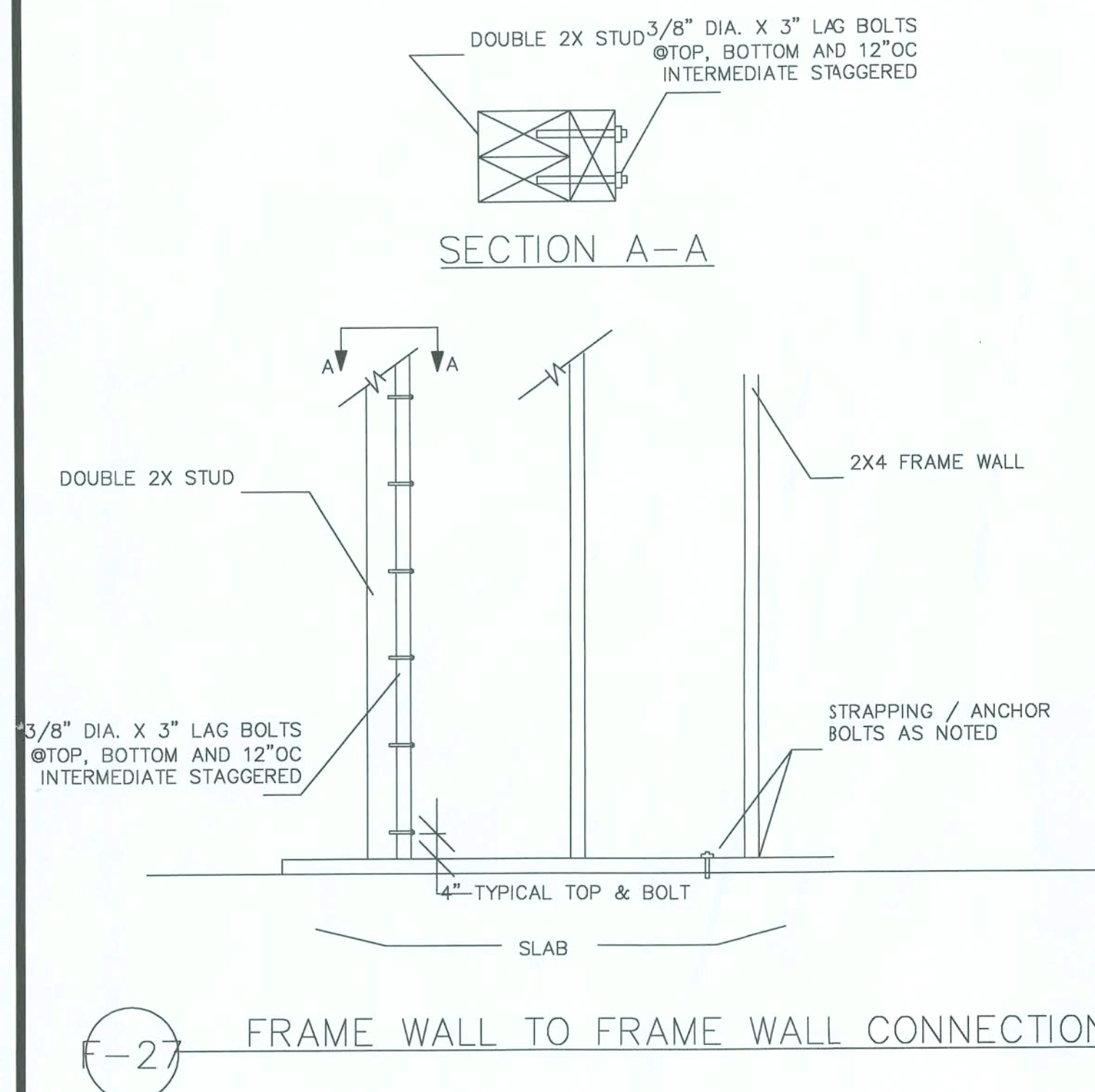
NOTES

BRACE LIVING ROOM AND ALL BEDROOMS FOR PADDLE FAN
ALL ELECTRICAL IN BEDROOMS SHALL BE ON AN A.F.C.I. PER NEC 2002

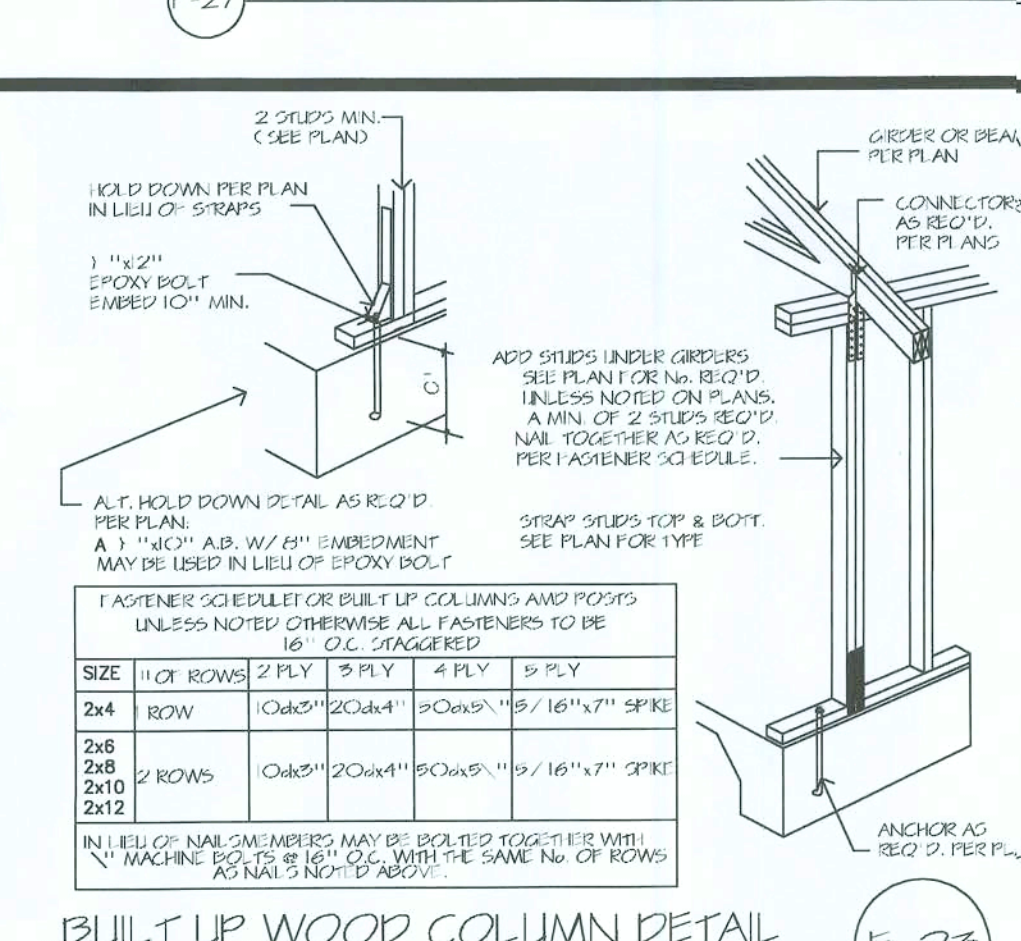
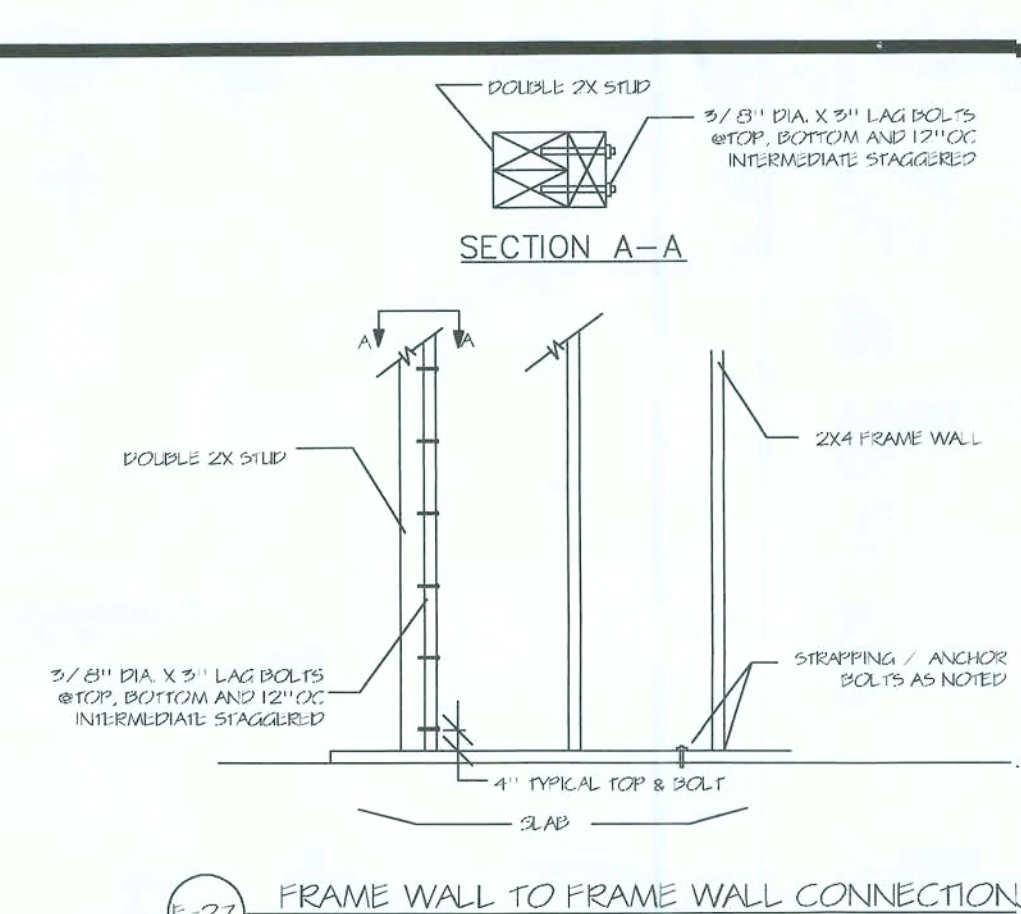
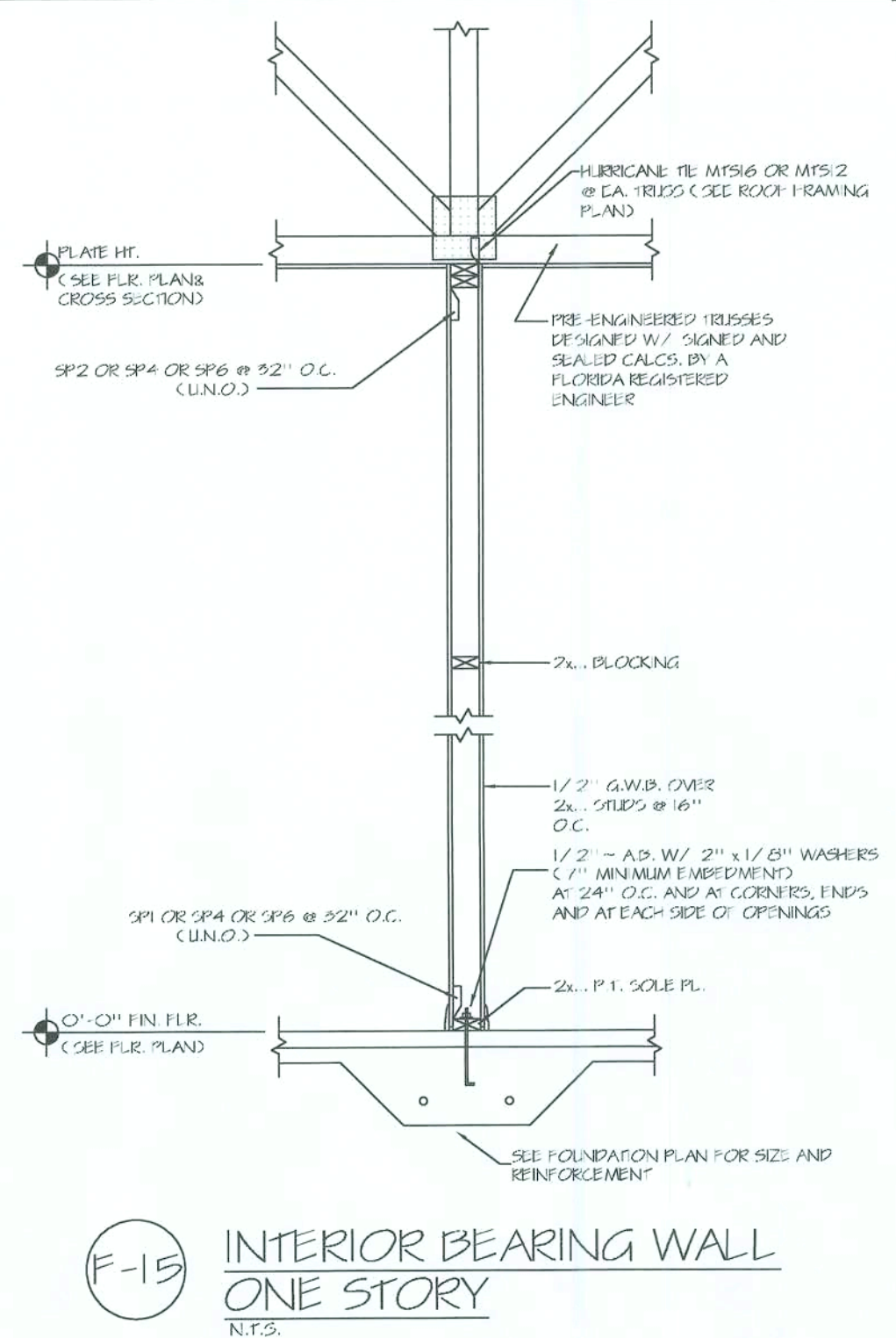
LEGEND

- CLG. OR WALL FIXTURE
- RECESSED CLG. FIXTURE
- FLOURESENT FIXTURE (CLG. OR WALL MNT.)
- OUTLET
- OUTLET 220V
- OUTLET-TOP HOT
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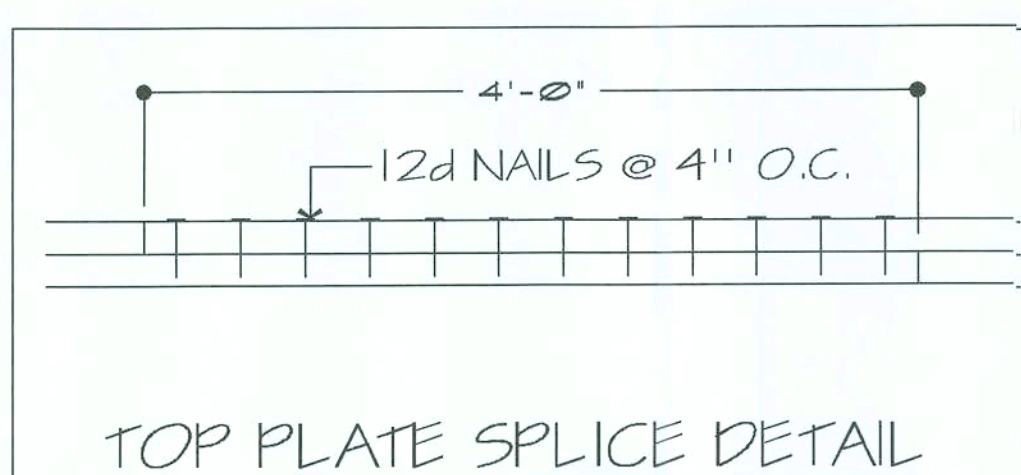
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UPPER LEVEL WIRING PLAN						
SCALE: AS NOTED						
DRAWN BY MAJID HAWARI/JDC		SHEET NO. 13				
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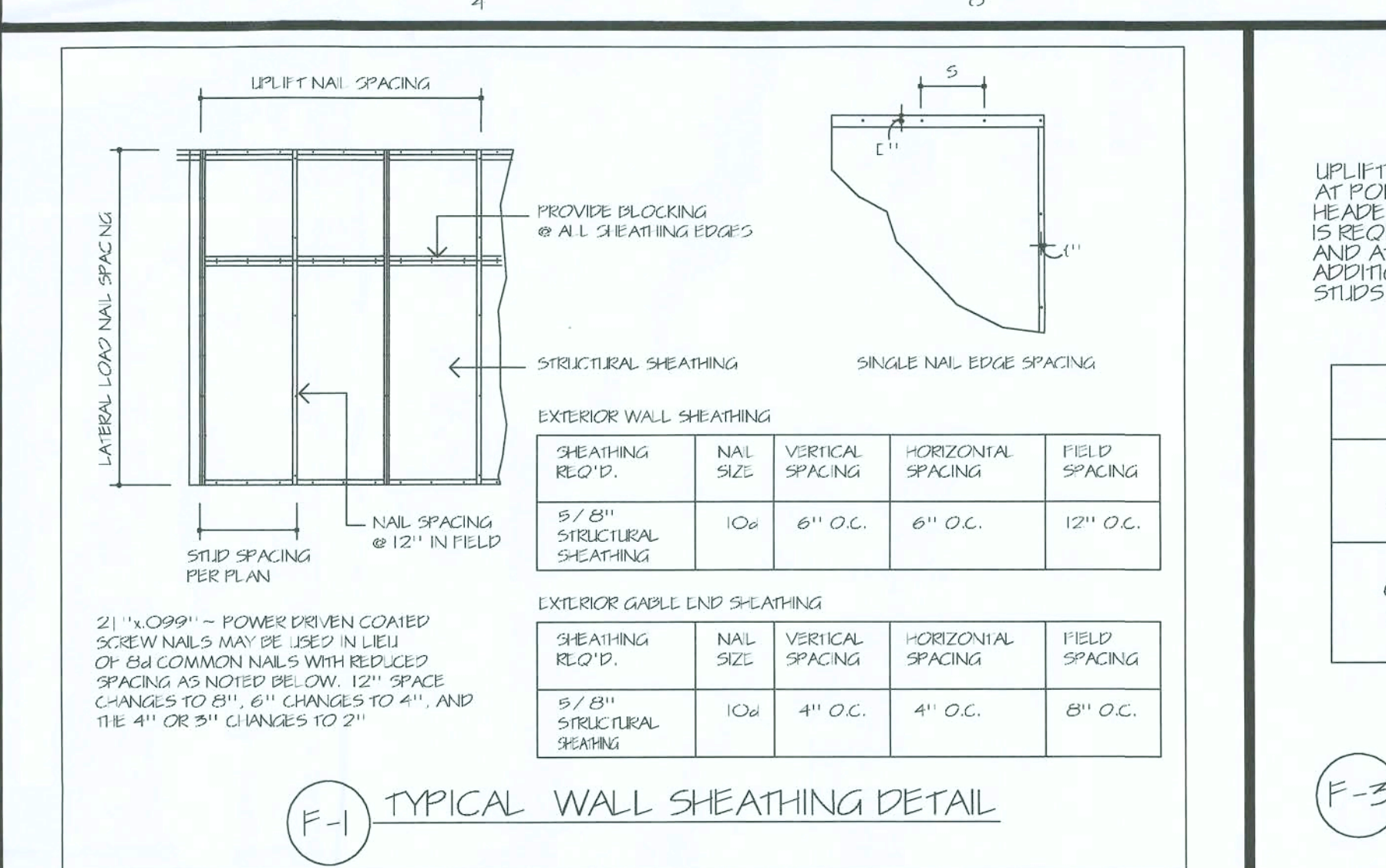
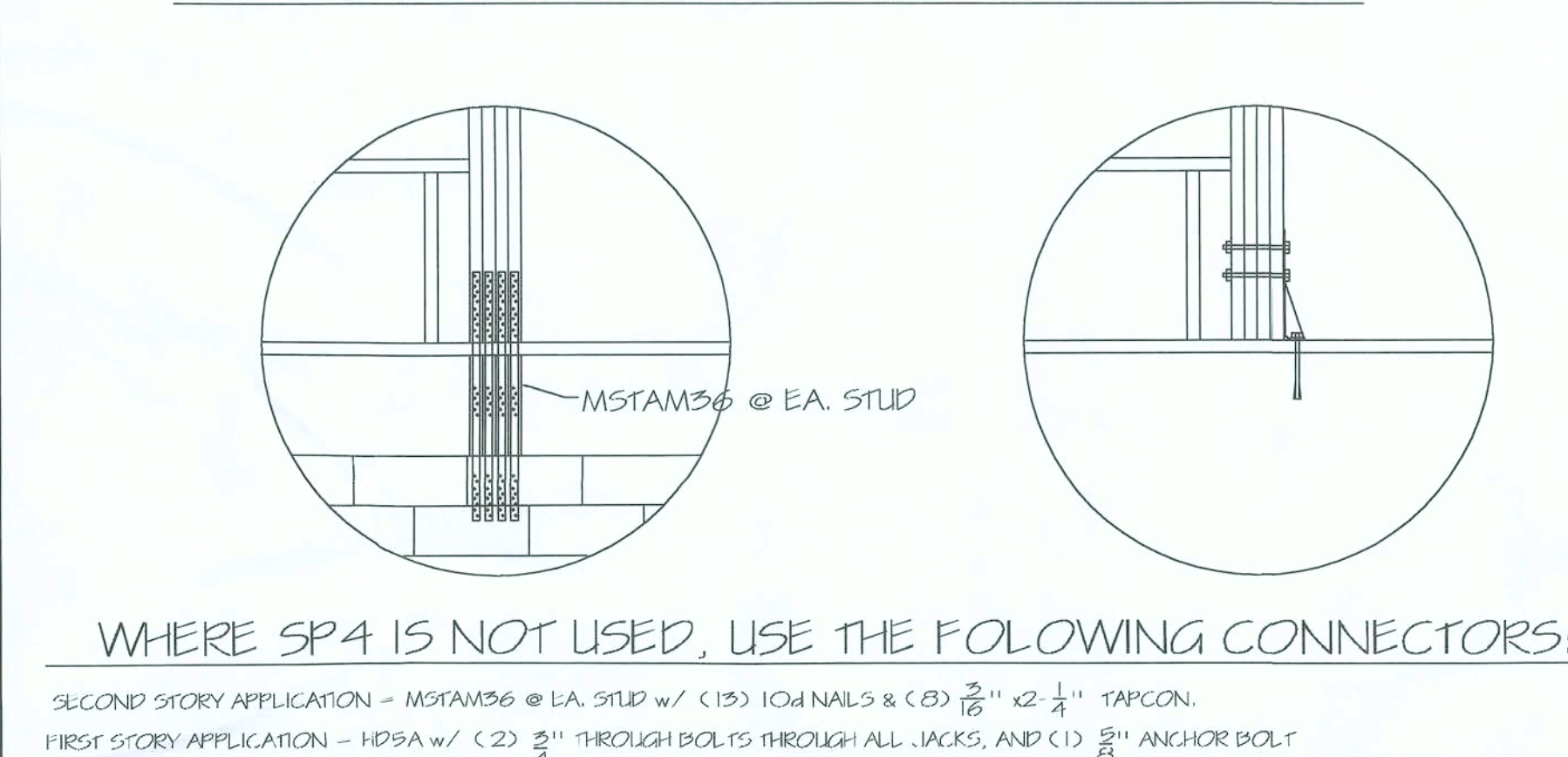
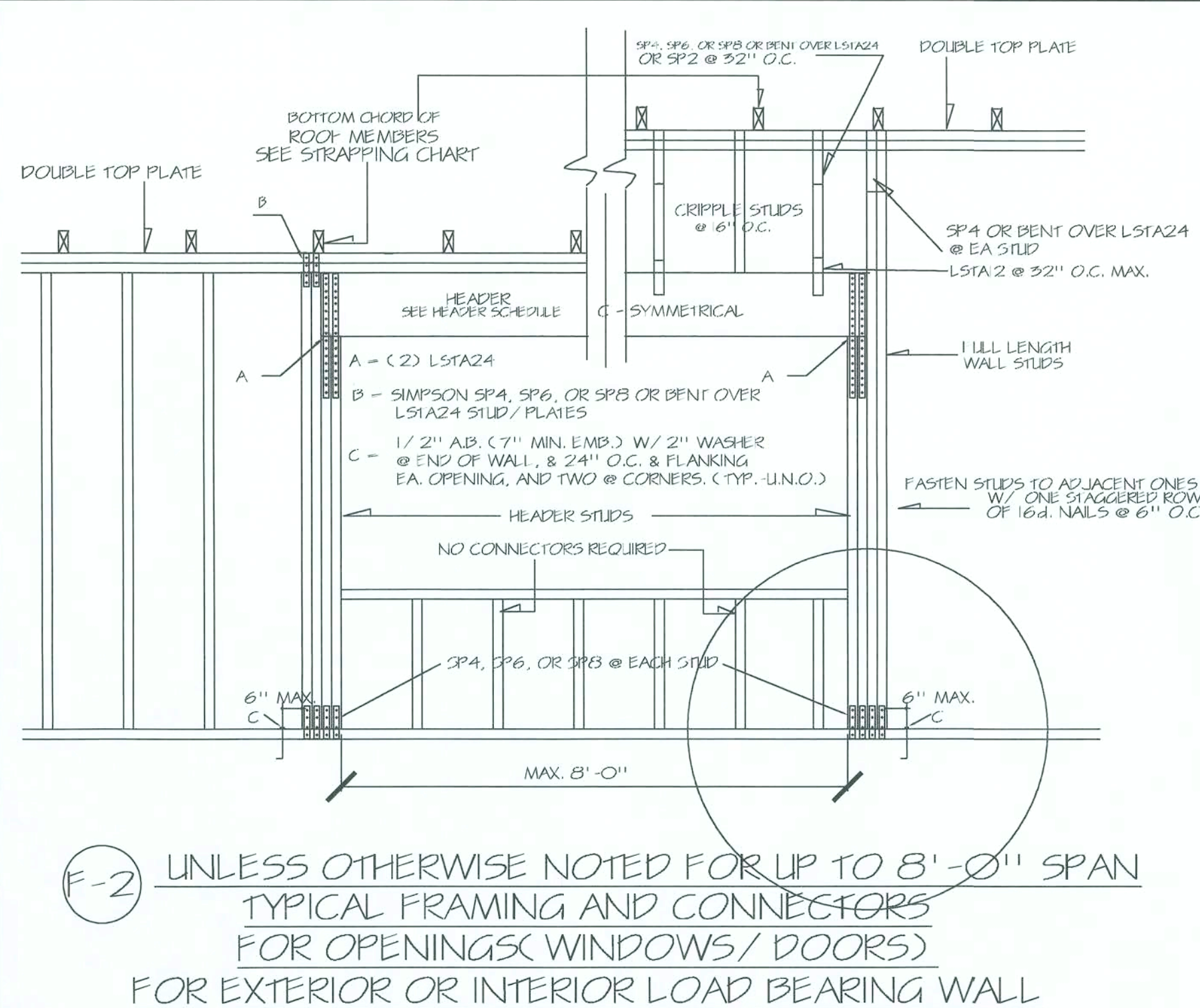
F-26 TYPICAL WINDOW/DOOR ATTACHMENTS TO WOOD FRAME



F-23 BUILT UP WOOD COLUMN DETAIL



F-23 TOP PLATE SPLICE DETAIL



F-1 TYPICAL WALL SHEATHING DETAIL

HEADER SCHEDULE		
OPENING WIDTH	BEARING WALL OR SHEARWALL	NON-BEARING WALLS
0'-0" TO 3'-0"	2-2x6'S	2-2x4'S
3'-1" TO 5'-0"	2-2x10'S	2-2x6'S
5'-1" TO 7'-0"	2-2x12'S	2-2x8'S
7'-1" TO 9'-0"	2-2x12 W/ 1/2" PLYWD. FLITCH	2-2x12'S

1. USE HEADER SIZES ABOVE UNLESS OTHERWISE NOTED ON FRAMING PLAN
2. PRIMARY FRAMING (BEAMS, GIRDERS, ETC...) WERE SIZED USING 1800 'FB' EXTREME FIBER IN BENDING (SINGLE) 90 'FV' HORIZONTAL SHEAR 16E 'E' MODULES OF ELASTICITY
3. JOIST, RAFTERS, LINTELS, ETC. WERE SIZED USING: 1200 'FB' EXTREME FIBER IN BENDING (SINGLE) 90 'FV' HORIZONTAL SHEAR 16E 'E' MODULES OF ELASTICITY

UPLIFT CONNECTION REQUIREMENT AT POINTS 'A' SEE F-2 (TOP AND BOTTOM OF HEADER STUDS). UPLIFT CONNECTION IS REQUIRED AT EACH END OF HEADER AND AT BOTTOM OF HEADER STUDS IN ADDITION TO CONNECTORS AT WALL STUDS		MAXIMUM HEADER SPAN FEET					
		3	6	9	12	15	18
		* NUMBER OF HEADER STUDS SUPPORTING END OF HEADER					
		1	2	2	2	3	3

UNSUPPORTED WALL HEIGHT	STUD SPACING	NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER					
10' OR LESS	12"	2	2	3	3	3	3
	16"	2	2	3	3	3	3
	24"	2	2	2	2	3	2
GREATER THAN 10'	12"	2	2	3	4	5	5
	16"	2	2	3	3	4	4
	24"	2	2	2	2	3	3

* THE HEADER STUD SHALL NOT BE REQUIRED IF THE HEADER IS
 SUPPORTED BY A SUITABLE FRAMING ANCHOR

* THE HEADER STUD SHALL NOT BE REQUIRED IF THE HEADER IS SUPPORTED BY A SUITABLE FRAMING ANCHOR

F-3 MINIMUM WALL AND HEADER STUD REQUIREMENTS

ESG
CERTIFICATE OF AUTHORIZATION # 8886
J. LEE SMITH, P.E.
#36177
ENGINEERING SERVICES GROUP, INC.
1299 W. FAIRBANKS AVE. STE. B.
WINTER PARK, FL 32789
ORLANDO: (407) 740-7111

12/15/12

REVISIONS	BY

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ENGINEERING SERVICES GROUP, INC.
1299 W. Fairbanks Ave. Suite B, Winter Park, FL 32789 (407) 740-7111 (352) 742-7171
391 E. Alfred St. Tallahassee, FL 32301 (904) 742-7171

ESG

DRAWN
CHECKED
DATE
SCALE
JOB NO.
BROWN
SHEET
S2
OF SHEET

Simpson Strong-Tie Florida Statewide Product Approval Index 5-26-05

Products listed in alphabetical order			
Product	Florida #	Product	Florida #
A21	FL474.1	CBQ46-SDS2	FL1218.4
A23	FL474.2	CBQ46-SDS2	FL1218.5
A34	FL474.3	CBQ46-SDS2	FL1218.6
A35	FL474.4	CBQ46-SDS2	FL1218.7
A35F	FL474.5	CBQ46-SDS2	FL1218.8
AB44	FL474.6	CBQ46-SDS2	FL1218.9
AB44R	FL474.7	CBQ46-SDS2	FL1218.10
AB46	FL474.8	CBQ46-SDS2	FL1218.11
AB46R	FL474.9	CBQ46-SDS2	FL1218.12
AB66	FL474.10	CBQ46-SDS2	FL1218.13
AB66R	FL474.11	CBQ46-SDS2	FL1218.14
ABA44	FL474.12	CBQ46-SDS2	FL1218.15
ABA44R	FL474.13	CBQ46-SDS2	FL1218.16
ABA46	FL474.14	CBQ46-SDS2	FL1218.17
ABA46R	FL474.15	CBQ46-SDS2	FL1218.18
ABA66	FL474.16	CBQ46-SDS2	FL1218.19
ABA66R	FL474.17	CBQ46-SDS2	FL1218.20
ABE44	FL474.18	CBQ46-SDS2	FL1218.21
ABE44R	FL474.19	CBQ46-SDS2	FL1218.22
ABE46	FL474.20	CBQ46-SDS2	FL1218.23
ABU44	FL474.21	CBQ46-SDS2	FL1218.24
ABU44R	FL474.22	CBQ46-SDS2	FL1218.25
ABU46	FL1725.1	CBQ46-SDS2	FL1218.26
ABU88	FL1725.2	CBQ46-SDS2	FL1218.27
AC4	FL474.23	CBQ46-SDS2	FL1218.28
AC6	FL474.24	CBQ46-SDS2	FL1218.29
ACE4	FL474.25	CBQ46-SDS2	FL1218.30
ACE6	FL474.26	CBQ46-SDS2	FL1218.31
AT	FL2504.1	CBQ46-SDS2	FL1218.32
B Series	FL1218.2	CBQ46-SDS2	FL1218.33
BC4	FL474.27	CBQ46-SDS2	FL1218.34
BC46	FL474.28	CBQ46-SDS2	FL1218.35
BC4R	FL474.29	CBQ46-SDS2	FL1218.36
BC6	FL474.30	CBQ46-SDS2	FL1218.37
BC6R	FL474.31	CBQ46-SDS2	FL1218.38
BC8	FL474.32	CBQ46-SDS2	FL1218.39
BCS2-2/4	FL503.1	CBQ46-SDS2	FL1218.40
BCS2-3/6	FL503.2	CBQ46-SDS2	FL1218.41
CB1010	FL474.33	CBQ46-SDS2	FL1218.42
CB1012	FL474.34	CBQ46-SDS2	FL1218.43
CB1212	FL474.35	CBQ46-SDS2	FL1218.44
CB44	FL474.36	CBQ46-SDS2	FL1218.45
CB46	FL474.37	CBQ46-SDS2	FL1218.46
CB48	FL474.38	CBQ46-SDS2	FL1218.47
CB66	FL474.39	CBQ46-SDS2	FL1218.48

Simpson Strong-Tie Florida Statewide Product Approval Index 5-26-05

Products listed in alphabetical order			
Product	Florida #	Product	Florida #
C316	FL1901.4	FGTR	FL3750.1
C318	FL1901.5	FGTR	FL3750.2
CS20	FL1901.6	FGTRH	FL3750.3
CS22	FL1901.7	FGTRH	FL3750.4
CWB106	FL474.49	FGTRH	FL1901.8
CWB106	FL474.50	FGTRH	FL1901.9
DBT1	FL474.51	FGTRH	FL1901.10
DBT1	FL474.52	FGTRH	FL1901.11
DT14	FL474.57	FGTRH	FL1901.12
DT15	FL474.58	FGTRH	FL1901.13
DPT6	FL474.59	FGTRH	FL1901.14
DPT7	FL474.60	FGTRH	FL1901.15
DRT8	FL474.61	FGTRH	FL1901.16
DSP	FL1423.1	FGTRH	FL1901.17
EG5	FL1218.42	FGTRH	FL1901.18
EG7	FL1218.43	FGTRH	FL1901.19
EG9	FL1218.44	FGTRH	FL1901.20
EPB44	FL474.62	FGTRH	FL1901.21
EPB44R	FL474.63	FGTRH	FL1901.22
EPB44T	FL474.64	FGTRH	FL1901.23
EPB46	FL474.65	FGTRH	FL1901.24
EPB66	FL474.66	FGTRH	FL1901.25
EPC44	FL474.67	FGTRH	FL1901.26
EPC44-16	FL474.68	FGTRH	FL1901.27
AC4	FL474.69	FGTRH	FL1901.28
AC6	FL474.70	FGTRH	FL1901.29
ACE4	FL474.71	FGTRH	FL1901.30
ACE6	FL474.72	FGTRH	FL1901.31
AT	FL474.73	FGTRH	FL1901.32
B Series	FL474.74	FGTRH	FL1901.33
BC4	FL474.75	FGTRH	FL1901.34
BC46	FL474.76	FGTRH	FL1901.35
BC4R	FL474.77	FGTRH	FL1901.36
BC6	FL474.78	FGTRH	FL1901.37
BC6R	FL474.79	FGTRH	FL1901.38
BC8	FL474.80	FGTRH	FL1901.39
BCS2-2/4	FL503.1	FGTRH	FL1901.40
BCS2-3/6	FL503.2	FGTRH	FL1901.41
CB1010	FL474.81	FGTRH	FL1901.42
CB1012	FL474.82	FGTRH	FL1901.43
CB1212	FL474.83	FGTRH	FL1901.44
CB44	FL474.84	FGTRH	FL1901.45
CB46	FL474.85	FGTRH	FL1901.46
CB48	FL474.86	FGTRH	FL1901.47
CB66	FL474.87	FGTRH	FL1901.48
CB88	FL474.88	FGTRH	FL1901.49

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Products listed in alphabetical order			
Product	Florida #	Product	Florida #
FL3750.12	FL474.105	HDBA	FL503.13
FL3750.13	FL474.106	HDBA	FL503.14
FL3750.14	FL474.107	HDBA	FL503.15
FL3750.15	FL474.108	HDBA	FL503.16
FL3750.16	FL474.109	HDBA	FL503.17
FL3750.17	FL474.110	HDBA	FL503.18
FL3750.18	FL474.111	HDBA	FL503.19
FL3750.19	FL474.112	HDBA	FL503.20
FL3750.20	FL474.113	HDBA	FL503.21
FL3750.21	FL474.114	HDBA	FL503.22
FL3750.22	FL474.115	HDBA	FL503.23
FL3750.23	FL474.116	HDBA	FL503.24
FL3750.24	FL474.117	HDBA	FL503.25
FL3750.25	FL474.118	HDBA	FL503.26
FL3750.26	FL474.119	HDBA	FL503.27
FL3750.27	FL474.120	HDBA	FL503.28
FL3750.28	FL474.121	HDBA	FL503.29
FL3750.29	FL474.122	HDBA	FL503.30
FL3750.30	FL474.123	HDBA	FL503.31
FL3750.31	FL474.124	HDBA	FL503.32
FL3750.32	FL474.125	HDBA	FL503.33
FL3750.33	FL474.126	HDBA	FL503.34
FL3750.34	FL474.127	HDBA	FL503.35
FL3750.35	FL474.128	HDBA	FL503.36
FL3750.36	FL474.129	HDBA	FL503.37
FL3750.37	FL474.130	HDBA	FL503.38
FL3750.38	FL474.131	HDBA	FL503.39
FL3750.39	FL474.132	HDBA	FL503.40
FL3750.40	FL474.133	HDBA	FL503.41
FL3750.41	FL474.134	HDBA	FL503.42
FL3750.42	FL474.135	HDBA	FL503.43
FL3750.43	FL474.136	HDBA	FL503.44
FL3750.44	FL474.137	HDBA	FL503.45
FL3750.45	FL474.138	HDBA	FL503.46
FL3750.46	FL474.139	HDBA	FL503.47
FL3750.47	FL474.140	HDBA	FL503.48
FL3750.48	FL474.141	HDBA	FL503.49
FL3750.49	FL474.142	HDBA	FL503.50
FL3750.50	FL474.143	HDBA	FL503.51
FL3750.51	FL474.144	HDBA	FL503.52
FL3750.52	FL474.145	HDBA	FL503.53
FL3750.53	FL474.146	HDBA	FL503.54
FL3750.54	FL474.147	HDBA	FL503.55
FL3750.55	FL474.148	HDBA	FL503.56
FL3750.56	FL474.149	HDBA	FL503.57
FL3750.57	FL474.150	HDBA	FL503.58
FL3750.58	FL474.151	HDBA	FL503.59
FL3750.59	FL474.152	HDBA	FL503.60
FL3750.60	FL474.153	HDBA	FL503.61
FL3750.61	FL474.154	HDBA	FL503.62
FL3750.62	FL474.155	HDBA	FL503.63
FL3750.63	FL474.156	HDBA	FL503.64
FL3750.64	FL474.157	HDBA	FL503.65
FL3750.65	FL474.158	HDBA	FL503.66
FL3750.66	FL474.159	HDBA	FL503.67
FL3750.67	FL474.160	HDBA	FL503.68
FL3750.68	FL474.161	HDBA	FL503.69
FL3750.69	FL474.162	HDBA	FL503.70
FL3750.70	FL474.163	HDBA	FL503.71
FL3750.71	FL474.164	HDBA	FL503.72
FL3750.72	FL474.165	HDBA	FL503.73
FL3750.73	FL474.166	HDBA	FL503.74
FL3750.74	FL474.167	HDBA	FL503.75
FL3750.75	FL474.168	HDBA	FL503.76
FL3750.76	FL474.169	HDBA	FL503.77
FL3750.77	FL474.170	HDBA	FL503.78
FL3750.78	FL474.171	HDBA	FL503.79
FL3750.79	FL474.172	HDBA	FL503.80
FL3750.80	FL474.173	HDBA	FL503.81
FL3750.81	FL474.174	HDBA	FL503.82
FL3750.82	FL474.175	HDBA	FL503.83
FL3750.83	FL474.176	HDBA	FL503.84
FL3750.84	FL474.177	HDBA	FL503.85
FL3750.85	FL474.178	HDBA	FL503.86
FL3750.86	FL474.179	HDBA	FL503.87
FL3750.87	FL474.180	HDBA	FL503.88
FL3750.88	FL474.181	HDBA	FL503.89
FL3750.89	FL474.182	HDBA	FL503.90
FL3750.90	FL474.183	HDBA	FL503.91
FL3750.91	FL474.184	HDBA	FL503.92
FL3750.92	FL474.185	HDBA	FL503.93
FL3750.93	FL474.186	HDBA	FL503.94
FL3750.94	FL474.187	HDBA	FL503.95
FL3750.95	FL474.188	HDBA	FL503.96
FL3750.96	FL474.189	HDBA	FL503.97
FL3750.97	FL474.190	HDBA	FL503.98
FL3750.98	FL474.191	HDBA	FL503.99
FL3750.99	FL474.192	HDBA	FL503.100

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Products listed in alphabetical order			
Product	Florida #	Product	Florida #
HGU48	FL3750.16	HGU48	FL1901.25
HGU48	FL3750.17	HGU48	FL1901.26
HGU48	FL3750.18	HGU48	FL1901.27
HGU48	FL3750.19	HGU48	FL1901.28
HGU48	FL3750.20	HGU48	FL1901.29
HGU48	FL3750.21	HGU48	FL1901.30
HGU48	FL3750.22	HGU48	FL1901.31
HGU48	FL3750.23	HGU48	FL1901.32
HGU48	FL3750.24	HGU48	FL1901.33
HGU48	FL3750.25	HGU48	FL1901.34
HGU48	FL3750.26	HGU48	FL1901.35
HGU48	FL3750.27	HGU48	FL1901.36
HGU48	FL3750.28	HGU48	FL1901.37
HGU48	FL3750.29	HGU48	FL1901.38
HGU48	FL3750.30	HGU48	FL1901.39
HGU48	FL3750.31	HGU48	FL1901.40
HGU48	FL3750.32	HGU48	FL1901.41
HGU48	FL3750.33	HGU48	FL1901.42
HGU48	FL3750.34	HGU48	FL1901.43
HGU48	FL3750.35	HGU48	FL1901.44
HGU48	FL3750.36	HGU48	FL1901.45
HGU48	FL3750.37	HGU48	FL1901.46
HGU48	FL3750.38	HGU48	FL1901.47
HGU48	FL3750.39	HGU48	FL1901.48
HGU48	FL3750.40	HGU48	FL1901.49
HGU48	FL3750.41	HGU48	FL1901.50
HGU48	FL3750.42	HGU48	FL1901.51
HGU48	FL3750.43	HGU48	FL1901.52
HGU48	FL3750.44	HGU48	FL1901.53
HGU48	FL3750.45	HGU48	FL1901.54
HGU48	FL3750.46	HGU48	FL1901.55
HGU48	FL3750.47	HGU48	FL1901.56
HGU48	FL3750.48	HGU48	FL1901.57
HGU48	FL3750.49	HGU48	FL1901.58
HGU48	FL3750.50	HGU48	FL1901.59
HGU48	FL3750.51	HGU48	FL1901.60
HGU48	FL3750.52	HGU48	FL1901.61
HGU48	FL3750.53	HGU48	FL1901.62
HGU48	FL3750.54	HGU48	FL1901.63
HGU48	FL3750.55	HGU48	FL1901.64
HGU48	FL3750.56	HGU48	FL1901.65
HGU48	FL3750.57	HGU48	FL1901.66
HGU48	FL3750.58	HGU48	FL1901.67
HGU48	FL3750.59	HGU48	FL1901.68
HGU48	FL3750.60	HGU48	FL1901.69
HGU48	FL3750.61	HGU48	FL1901.70
HGU48	FL3750.62	HGU48	FL1901.71
HGU48	FL3750.63	HGU48	FL1901.72
HGU48	FL3750.64	HGU48	FL1901.73
HGU48	FL3750.65	HGU48	FL1901.74
HGU48	FL3750.66	HGU48	FL1901.75
HGU48	FL3750.67	HGU48	FL1901.76
HGU48	FL3750.68	HGU48	FL1901.77
HGU48	FL3750.69	HGU48	FL1901.78
HGU48	FL3750.70	HGU48	FL1901.79
HGU48	FL3750.71	HGU48	FL1901.80
HGU48	FL3750.72	HGU48	FL1901.81
HGU48	FL3750.73	HGU48	FL1901.82
HGU48	FL3750.74	HGU48	FL1901.83
HGU48	FL3750.75	HGU48	FL1901.84
HGU48	FL3750.76	HGU48	FL1901.85
HGU48	FL3750.77	HGU48	FL1901.86
HGU48	FL3750.78	HGU48	FL1901.87
HGU48	FL3750.79	HGU48	FL1901.88
HGU48	FL3750.80	HGU48	FL1901.89
HGU48	FL3750.81	HGU48	FL1901.90
HGU48	FL3750.82	HGU48	FL1901.91
HGU48	FL3750.83	HGU48	FL1901.92