

COOK PORTABLE WAREHOUSES

AREA FOR APPROVAL STAMPS

LOFTED BARN SHED

DESIGN CRITERIA

- | | |
|--------------------------------|------------|
| 1. WIND VELOCITY | 150 M.P.H. |
| 2. BUILDING CATEGORY | I |
| 3. WIND EXPOSURE | C |
| 4. INT. PRESSURE COEFFICIENT | ± 0.18 |
| 5. ENCLOSURE CLASSIFICATION | ENCLOSED |
| 6. BASED ON HEIGHT | 15 FEET |
| 7. OVERHANG | NO |
| 8. FLOOR DESIGN LIVE LOAD | 40 PSF |
| FLOOR DESIGN DEAD LOAD | 4 PSF |
| 9. ROOF DESIGN LIVE LOAD | 20 PSF |
| ROOF DESIGN DEAD LOAD | 7 PSF |
| 10. WALL DESIGN DEAD LOAD | 3 PSF |
| 11. CONSTRUCTION TYPE | V B |
| 12. BUILDING OCCUPANCY = | U |
| 13. FIRE RATING EXT. WALLS | 0 |
| 14. ALLOWABLE NUMBER OF FLOORS | 1 |
| 15. SNOW LOAD | 20 PSF |

MISSISSIPPI PLANT
132 CENTRAL INDUSTRIAL ROW
PERVIS, MISSISSIPPI 39475

TEXAS PLANT
1398 HWY 95 NORTH
BASTROP, TX 78602

GEORGIA PLANT
100 DOUGLAS STREET
VALDOSTA, GEORGIA 31601

SHEET LIST

SHEET NUMBER	SHEET TITLE
C-1	COVER SHEET
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C-6	FASTENING SCHEDULE
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△ THESE PLANS HAVE BEEN DESIGNED TO MEET THE STRUCTURAL REQUIREMENTS AS SET FORTH IN THE INTERNATIONAL RESIDENTIAL CODE FOR A CATEGORY II BUILDING IN AN AREA OF EXPOSURE C. THE CURRENT DESIGN FOR THE ULTIMATE WIND SPEED AS REQUIRED IN THE IRC FOR THE STATE OF TEXAS COASTAL BUILDINGS SHALL NOT BE LESS THAN 150 MPH.

GEORGIA CODES

-INTERNATIONAL BUILDING CODE - 2006
WITH STATE AMENDMENTS

ALABAMA CODES

-INTERNATIONAL BUILDING CODE - 2009
WITH STATE AMENDMENTS

TEXAS CODES

-INTERNATIONAL BUILDING CODE - 2009
WITH STATE AMENDMENTS

LOUISIANA CODES

-INTERNATIONAL BUILDING CODE - 2009
WITH STATE AMENDMENTS

STATE OF TEXAS
THOMAS A. DIXON
104353
LICENSED PROFESSIONAL ENGINEER

ALABAMA
LICENSED
No. 30637
PROFESSIONAL ENGINEER
THOMAS A. DIXON

GEORGIA
REGISTERED
No. PE034371
PROFESSIONAL ENGINEER
THOMAS A. DIXON

STATE OF LOUISIANA
THOMAS ALAN DIXON
License No. 0037001
PROFESSIONAL ENGINEER
IN
STRUCTURAL ENGINEERING

11/20/14

REV	BY	DATE	DESCRIPTION
2	JDA	1/20/14	ADD IRC NOTE
1	JDA	8/13/12	UPDATE CODE REFREN.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE APPLICABLE INTERNATIONAL BUILDING CODE WITH STATE AMENDMENTS FOR A THREE SECOND GUST OF 150 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
SC# 27592 NC# 035985 GA# 034371
WV# 071936 TX# 104353 MD# 40905
PA# 079009 VA# 045543 LA# 0037001
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COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
PHONE: 1-229-241-8805

COVER SHEET

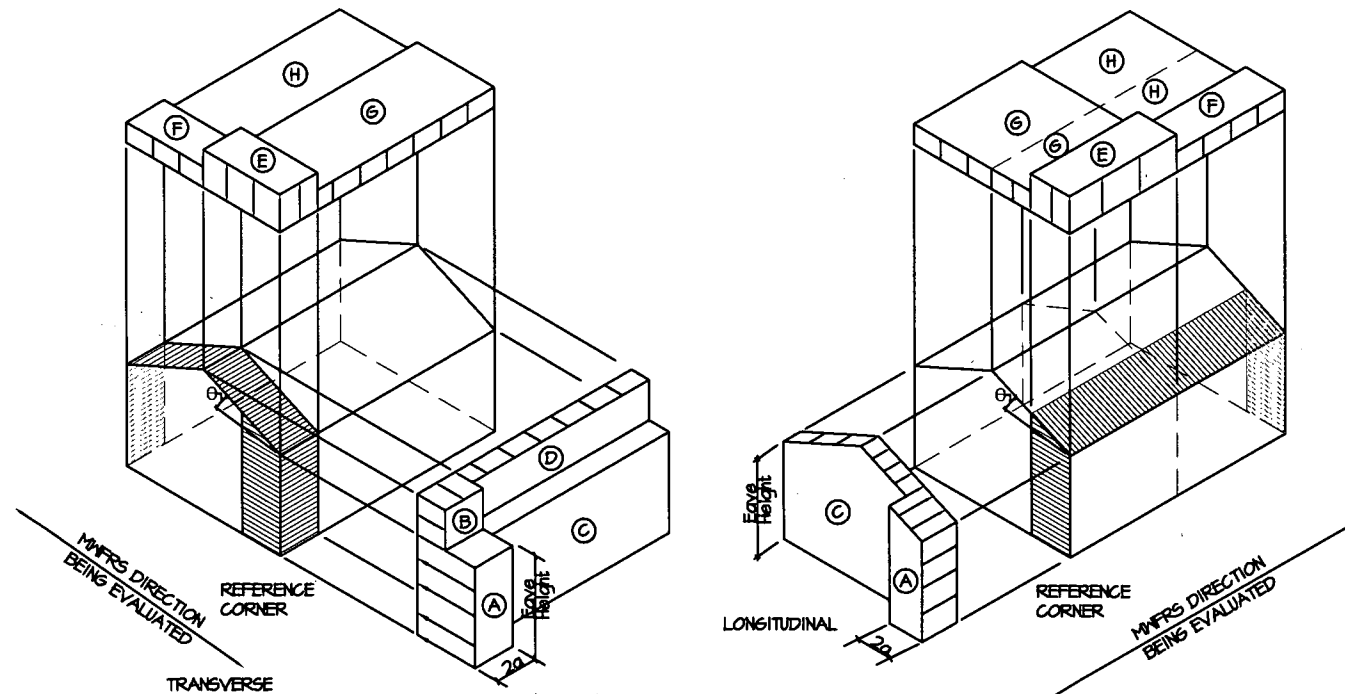
DATE: 5/01/12
DRAWN BY: JDA
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-057

SHEET

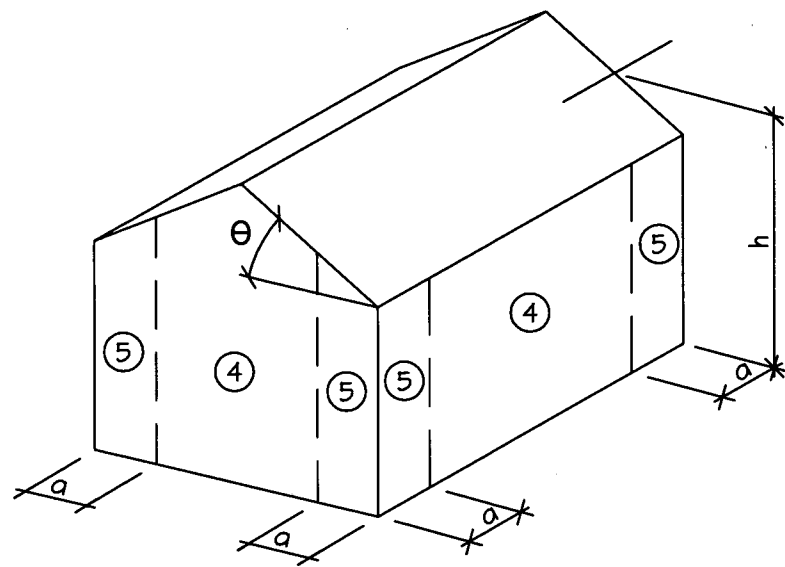
C-1

1 OF 20

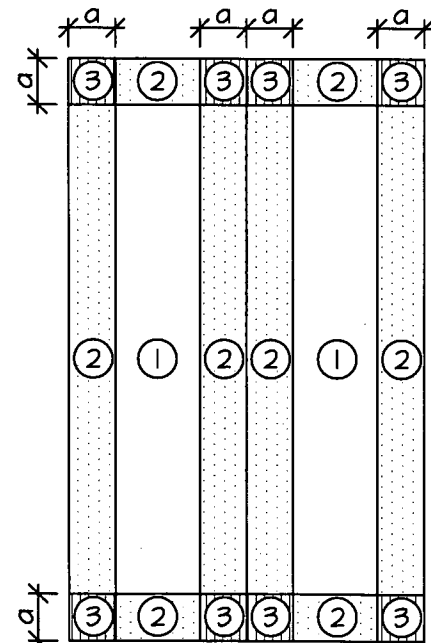
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WIND LOAD MAIN WIND FORCE
METHOD 1 FIGURE 6-2



WIND LOAD COMPONENT AND CLADDING
WALL PRESSURE DIAGRAM



WIND LOAD COMPONENT AND CLADDING
ROOF PRESSURE DIAGRAM

BUILDING DATA ASCE 7-05 WIND

WIND VELOCITY (Basic Wind Speed, 3 second gust)	150 mph	INTERNAL PRESSURE COEFFICIENT: (Enclosed Building ASCE 7-10)	± 0.18
BUILDING CATEGORY (Table 1.5-1 ASCE 7-10)	I	HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT	1.21
ROOF ANGLE, θ (degrees)	7.27 degrees	ROOF DEAD LOAD RESISTING UPLIFT (psf)	7
WIND EXPOSURE CATEGORY	C	IMPORTANCE FACTOR	0.77

DESIGN WIND LOADS - COMPONENTS AND CLADDING METHOD 1 ENCLOSED BUILDINGS H ≤ 60'

ROOF				WALLS			
ZONE	AREA (ft²)	DESIGN PRESSURE (psf)		ZONE	AREA (ft²)	DESIGN PRESSURE (psf)	
		Positive	Negative			Positive	Negative
1	10	21.7	-34.5	4	10	31.2	-33.8
1	20	19.8	-33.5	4	20	29.8	-32.4
1	50	17.2	-32.2	4	50	27.9	-30.6
1	100	15.4	-31.3	4	100	26.5	-29.1
2	10	21.7	-60.1	4	500	23.3	-25.9
2	20	19.8	-55.2	5	10	31.2	-41.7
2	50	17.2	-48.9	5	20	29.8	-38.9
2	100	15.4	-44.1	5	50	27.9	-35.2
3	10	21.7	-88.9	5	100	26.5	-32.4
3	20	19.8	-83.1	5	500	23.3	-25.9
3	50	17.2	-75.5				
3	100	15.4	-69.7				

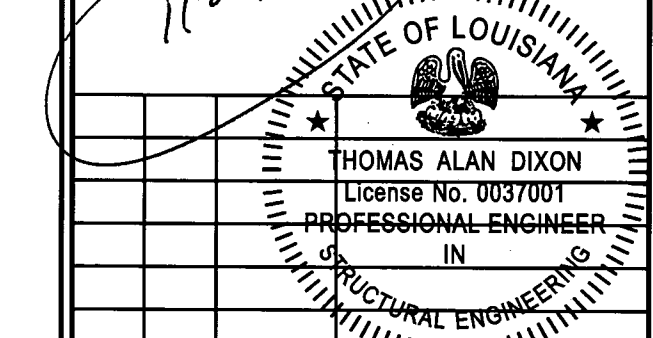
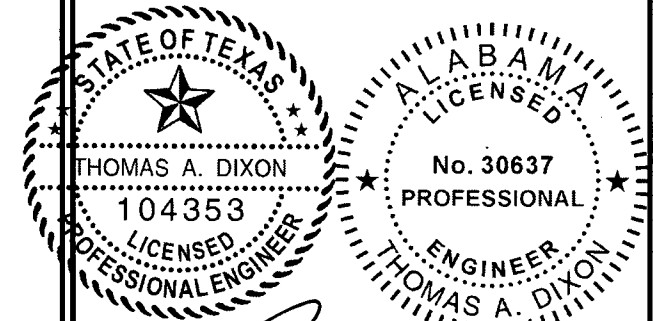
- Notes:
- For effective areas between those given above the load may be interpolated, otherwise use the load associated with the lower effective area.
 - Plus and minus signs signify pressures acting toward and away from the surfaces, respectively.
 - Pressures shown are applied normal to the surface.
 - Refer to pressure zone diagrams provided for corresponding zones.
 - Roof framing members shall be designed to resist the net uplift design pressures specified.
 - Roof coverings, finishes, etc. shall be designed for the full negative design pressure.

DESIGN WIND LOADS - MWFRS METHOD 1 ENCLOSED BUILDINGS H ≤ 60'

BASIC WIND SPEED (mph)	ROOF ANGLE (DEGREES)	LOAD CASE	ZONES							
			HORIZONTAL PRESSURES				VERTICAL PRESSURES			
			A	B	C	D	E	F	G	H
150	0-5	1	33.3	-17.2	22.1	-10.2	-40.0	-22.7	-27.8	-17.6
	10	1	37.5	-15.6	25.0	-9.0	-40.0	-24.4	-27.8	-18.7
	15	1	41.7	-13.9	27.8	-7.9	-40.0	-26.1	-27.8	-19.9
	20	1	46.0	-12.1	30.7	-6.7	-40.0	-27.8	-27.8	-21.1
	25	1	41.7	6.7	30.2	6.9	-18.5	-25.2	-13.4	-20.3
	25	2	0.0	0.0	0.0	0.0	-7.0	-13.7	-2.0	-8.8
	30 to 45	1	37.4	25.5	29.7	20.5	2.9	-22.7	0.9	-19.5
	30 to 45	2	37.4	25.5	29.7	20.5	14.3	-11.2	12.5	-8.0

- The load patterns shown shall be applied to each corner of the building in turn as the reference corner. (See Figure 6-2)
- For the design of the longitudinal MWFRS use $\theta = 0^\circ$, and locate the zone E/F, G/H boundary at the mid-length of the building.
- Plus and minus signs signify pressures acting toward and away from the projected surfaces, respectively.
- Where zone E or G falls on a roof overhang on the windward side of the building, use E_{o1} and G_{o1} for the pressure on the horizontal projection of the overhang. Overhangs on the leeward and side edges shall have the basic zone pressure applied.

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WIND LOADING

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 CHECKED BY: TAD
 SCALE: AS NOTED
 W.O. NO: 495-057

SHEET

C-2

2 OF 20

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GENERAL NOTES

1. THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE APPLICABLE INTERNATIONAL BUILDING CODE (I.B.C.) WITH STATE AMENDMENTS
2. ALL MATERIALS AND LABOR SHALL BE IN ACCORDANCE WITH THE ABOVE CODE AND ALL OTHER APPLICABLE LOCAL CODES AT THE TIME OF MANUFACTURE.
3. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. THE FOUNDATION PLAN IS A SEPARATE SET OF PLANS FOR APPROVAL BY LOCAL MUNICIPALITIES.
5. EXTERIOR DIMENSIONS CAN VARY BETWEEN LIMITS SHOWN AT 2' O.C. BUT MEMBER SPACING SHALL NOT EXCEED LIMITS AS INDICATED.
6. ALL THE FOLLOWING LUMBER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA USE CATEGORY UC4B (GROUND CONTACT, HEAVY DUTY): SKIDS
7. ALL THE FOLLOWING LUMBER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA USE CATEGORY UC3B (EXTERIOR ABOVE GROUND, UNCOATED OR POOR WATER RUNOFF): FLOOR JOISTS, PLYWOOD FLOOR DECKING, AND EXTERIOR RATED WOOD STRUCTURAL PANEL SIDING.
8. ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED (G185) OR STAINLESS STEEL.
9. ALL WINDOWS WITHIN 24" OF DOORS, AND ALL GLASS IN DOORS SHALL BE SAFETY, TEMPERED, OR ACRYLIC PLASTIC SHEET.
10. FOR ROOFS WITH ASPHALT SHINGLES AND A SLOPE BETWEEN 2 TO 12 AND 4 TO 12 SHALL HAVE A DOUBLE UNDERLAYMENT APPLICATION AS REQUIRED IN ACCORDANCE WITH THE APPLICABLE I.B.C.
11. UNDERLAYMENT SHALL CONFORM WITH THE APPLICABLE I.B.C.
12. ASPHALT SHINGLES SHALL CONFORM WITH THE APPLICABLE I.B.C. ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH THE APPLICABLE I.B.C.
13. FASTENERS FOR ASPHALT SHINGLES SHALL CONFORM TO THE APPLICABLE I.B.C.
14. TIE-DOWNS SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY AND PLACEMENT OF LAWN STORAGE UNIT TO INSURE THE INTEGRITY OF THE BUILDING AND ITS COMPONENT PARTS.
17. NO FIELD REVISIONS TO ANY STRUCTURAL COMPONENTS OR DEVIATIONS FROM THESE DRAWINGS SHALL BE MADE.
18. THE OWNER AND THE CONTRACTOR SHALL HOLD HARMLESS THE ENGINEER FROM AND AGAINST ALL LIABILITY CLAIMS, DAMAGES, LOSSES AND EXPENSES INCLUDING LEGAL FEES ARISING OUT OF OR RESULTING FROM ERRORS OR OMISSIONS IN THE PERFORMANCE OF THE WORK BY THE CONTRACTOR.
19. SECTIONS AND DETAILS ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY AT ALL SIMILAR LOCATIONS, UNLESS OTHER SECTIONS AND DETAILS ARE SPECIFICALLY REFERENCED.
20. REFER TO SUPPLIED FASTENING SCHEDULE FOR FASTENING BASED ON CONNECTION AND LOCATION OF MEMBERS AS PER INTERNATIONAL BUILDING CODE UNLESS NOTED OTHERWISE.
21. BUILDINGS HAVE BEEN DESIGNED FOR LP SMARTSIDE PRECISION PANEL SIDING, LP SMARTSIDE PRECISION LAP SIDING SHALL NOT BE USED.
22. FASTENERS IN LP SMARTSIDE PRECISION PANEL SIDING MUST NOT BE INSTALLED IN PANEL SIDING GROOVES IN THE FIELD OF THE PANEL SIDING OR WHEN THE PANEL SIDING GROOVES OCCUR AT CUT EDGES OF THE PANEL SIDING.
23. REFER TO THE ICC-ES EVALUATION REPORT ESR-1301 FOR ADDITIONAL DATA AND SPECIFICATIONS OF LP SMARTSIDE PRECISION PANEL SIDING.
24. MAX OPENINGS WIDTHS MUST COMPLY WITH DESIGN RATIOS AS PER ANSI/AF&PA SDPWS. BUILDINGS HAVE BEEN DESIGNED TO HAVE ONLY OPENINGS WITH MAX WIDTHS IN ENDWALL EQUAL TO THOSE IN THE ENDWALL SHEAR WALL CHART.
25. BUILDINGS HAVE BEEN DESIGNED TO HAVE ANCHORS DIRECTLY ATTACHED TO ALL FOUR CORNERS OF THE BUILDING TO RESIST TENSION FORCES FROM LATERAL WIND LOADS. THIS DESIGN CONSIDERATION MUST BE MADE BY INSTALLER WHEN ATTACHING ANCHORING SYSTEM TO BUILDING.
26. UNLESS NOTED OTHERWISE, ATTACH ALL MANUFACTURED PRODUCTS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

SITE INSTALLED ITEMS

NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTIONAL APPROVAL.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE-DOWN SYSTEM.
2. RAMPS, STAIRS, AND GENERAL ACCESS TO THE BUILDING IF NECESSARY.
3. GUTTERS AND DOWN SPOUTS ON ALL BUILDINGS WITH EAVES OF LESS THAN 6 INCHES HORIZONTAL PROJECTION EXCEPT FOR GABLE END RAKES.

OCCUPANCY NOTE:

THIS BUILDING IS NOT DESIGNED FOR HUMAN HABITATION AND DOES NOT HAVE RUNNING WATER OR SANITATION SERVICES. THIS BUILDING IS DESIGNED AS A UTILITY SHED TO STORE LAWN EQUIPMENT SUCH AS WHEEL BARROWS, GARDENING SUPPLIES, FLOWER POTS, AND CARDBOARD BOXES WITH VARIOUS SMALL ITEMS.

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COOK PORTABLE WAREHOUSES
LOFTED BARN SHED
PHONE: 1-229-241-8805

NOTES

DATE:	5/01/12
DRAWN BY:	JDA
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-057

SHEET
C-3
3 OF 20

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FASTENING SCHEDULE

CONNECTION	FASTENING ^{a, k}	LOCATION
1. JOIST TO SILL OR GIRDER	3 - 8d COMMON (2 1/2" x 0.131") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL
2. BRIDGING TO JOIST	2 - 8d COMMON (2 1/2" x 0.131") 2 - 3" x 0.131" NAILS 2 - 3" 14 GAGE STAPLES	TOENAIL EACH END
3. SOLE PLATE TO JOIST OR BLOCKING	16d (3 1/2" x 0.135") AT 16" O.C. 3" x 0.131" NAILS AT 8" O.C. 3" 14 GAGE STAPLES AT 12" O.C.	TYPICAL FACE NAIL
4. SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	3 - 16d (3 1/2" x 0.135") AT 16" O.C. 4 - 3" x 0.131" NAILS AT 8" O.C. 4 - 3" 14 GAGE STAPLES AT 12" O.C.	BRACED WALL PANELS
5. TOP PLATE TO STUD	2 - 16d (3 1/2" x 0.162") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	END NAIL
6. STUD TO SOLE PLATE	4 - 8d COMMON (2 1/2" x 0.131") 4 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES 2 - 16d COMMON (3 1/2" x 0.162") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL END NAIL
7. DOUBLE STUDS	16d (3 1/2" x 0.135") AT 24" O.C. 3" x 0.131" NAILS AT 8" O.C. 3" 14 GAGE STAPLES AT 12" O.C.	FACE NAIL
8. DOUBLE TO PLATES	16d (3 1/2" x 0.135") AT 16" O.C. 3" x 0.131" NAILS AT 12" O.C. 3" 14 GAGE STAPLES AT 12" O.C. 8 - 16d COMMON (3 1/2" x 0.162") 12 - 3" x 0.131" NAILS 12 - 3" 14 GAGE STAPLES	TYPICAL FACE NAIL LAP SPLICE
9. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3 - 8d COMMON (2 1/2" x 0.131") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL
10. RIM JOIST TO TOP PLATE	8d (2 1/2" x 0.131") AT 6" O.C. 3" x 0.131" NAILS AT 6" O.C. 3" 14 GAGE STAPLES AT 6" O.C.	TOENAIL
11. TOP PLATES, LAPS AND INTERSECTIONS	2 - 16d COMMON (3 1/2" x 0.162") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	FACE NAIL
12. CONTINUOUS HEADER (2) PIECES	16d COMMON (3 1/2" x 0.162")	16" O.C. ALONG EDGE

(CONTINUED)

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4 OF 20

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FASTENING SCHEDULE		
CONNECTION	FASTENING ^{a, k}	LOCATION
13. CEILING JOISTS TO PLATE	3 - 8d COMMON (2 1/2" x 0.131") 5 - 3" x 0.131" NAILS 5 - 3" 14 GAGE STAPLES	TOENAIL
14. CONTINUOUS HEADER TO STUD	4 - 8d COMMON (2 1/2" x 0.131")	TOENAIL
15. RAFTER TO PLATE	3 - 8d COMMON (2 1/2" x 0.131") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL
16. 1" DIAGONAL BRACE TO EACH STUD AND PLATE	2 - 8d COMMON (2 1/2" x 0.131") 2 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	FACE NAIL
17. BUILT-UP CORNER STUDS	16d (3 1/2" x 0.135") 3" x 0.131" NAILS 3" 14 GAGE STAPLES	24" O.C. 16" O.C. 16" O.C.
18A. BUILT-UP GIRDER AND BEAMS	20d COMMON (4" x 0.192" 32") O.C. 3" x 0.131" NAIL AT 24" O.C. 3" 14 GAGE STAPLE AT 24" O.C. 2 - 20d COMMON (4" x 0.192") 3 - 3" x 0.131" NAIL 3 - 3" 14 GAGE STAPLE	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES FACE NAIL AT ENDS AND AT EACH SPLICE
19. COLLAR TIE TO RAFTER	3 - 10d COMMON (3" x 0.148") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES	FACE NAIL
20. ROOF RAFTER TO 2-BY RIDGE BEAM	2 - 16d COMMON (3 1/2" x 0.162") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	TOENAIL OR FACE NAIL
21. JOIST TO BAND JOIST	3 - 16d COMMON (3 1/2" x 0.162") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES	FACE NAIL

(CONTINUED)

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CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-057

SHEET

C-5

5 OF 20

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FASTENING SCHEDULE

CONNECTION	FASTENING ^{a, k}	LOCATION
22. WOOD STRUCTURAL PANELS AND PARTICLEBOARD ^p SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING) SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	1/2" AND LESS 6d ^{c, j} 2 3/8" x 0.113" NAIL ^l 1 3/4" 16 GAGE ^m	6 INCH O.C. EDGES AND INTERMEDIATE, 4" O.C. AT COMPONENT AND CLADDING EDGE STRIP # ZONE 3 [REFER TO FIGURE 30.5-1 OF ASCE 7]
	15/32" TO 19/32" 8d COMMON (ROOFS IN 110-140 V _{asd} MPH EXP "B")	
	19/32" TO 3/4" 8d ^d OR 6d ^e 2 3/8" x 0.113" NAIL ^l 2" 16 GAGE ⁿ	
	7/8" TO 1" 8d ^c	
	1 1/8" TO 1 1/4" 10d ^d OR 8d ^e	
	3/4" AND LESS 6d ^e	
	7/8" TO 1" 8d ^e	
1 1/8" TO 1 1/4" 10d ^d OR 8d ^e		
23. PANEL SIDING (TO FRAMING)	1/2" OR LESS 6d ^f 5/8" 8d ^f	
24. FIBERBOARD SHEATHING ^g	1/2" NO. 11 GAGE ROOFING NAIL ^h 6d COMMON NAIL (2" x 0.113") NO 16 GAGE STAPLE ^k	
	25/32" NO. 11 GAGE ROOFING NAIL ^h 8d COMMON NAIL (2 1/2" x 0.131") NO 16 GAGE STAPLE ^k	

- a. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.
- b. NAILS SPACED AT 6" O.C. AT EDGES, 12" AT INTERMEDIATE SUPPORTS EXCEPT 6" AT SUPPORTS WHERE SPANS ARE 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305 FBC. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.
- c. COMMON OR DEFORMED SHANK (6d - 2" x 0.113"; 8d - 2 1/2" x 0.131"; 10d 3" x 0.148").
- d. COMMON (6d - 2" x 0.113"; 8d - 2 1/2" x 0.131"; 10d 3" x 0.148").
- e. DEFORMED SHANK (6d - 2" x 0.113"; 8d - 2 1/2" x 0.131"; 10d 3" x 0.148").
- f. CORROSION-RESISTANT SIDING (6d - 1 7/8" x 0.106"; 8d 2 3/8" x 0.128") OR CASING (6d 2" x 0.099"; 8d 2 1/2" x 0.113") NAIL.
- g. FASTENERS SPACED 3" O.C. AT EXTERIOR EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS, WHEN USED AS STRUCTURAL SHEATHING. SPACING SHALL BE 6" O.C. ON THE EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS.
- h. CORROSION-RESISTANT ROOFING NAILS WITH 7/16" DIAMETER HEAD AND 1 1/2" LENGTH FOR 1/2" SHEATHING AND 1 3/4" LENGTH FOR 25/32" SHEATHING.
- i. CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16" CROWN OR 1" CROWN AND 1 1/4" LENGTH FOR 1/2" SHEATHING AND 1 1/2" LENGTH FOR 25/32" SHEATHING. PANEL SUPPORTS AT 16" (20" IF STRENGTH AXIS IS THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).
- j. FOR ROOF SHEATHING APPLICATIONS, 8d NAILS (2 1/2" x 0.113") ARE THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.
- k. STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16".
- l. FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4" O.C. AT EDGES, 8" O.C. AT INTERMEDIATE SUPPORTS.
- m. FASTENERS SPACED 4" O.C. AT EDGES, 8" O.C. AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3" O.C. AT EDGES, 6" AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.
- n. FASTENERS SPACED 4" O.C. AT EDGES, 8" AT INTERMEDIATE SUPPORTS.

AREA FOR APPROVAL STAMPS

11/20/2014

REV	BY	DATE	DESCRIPTION
2	JDA	1/20/14	ADD IRC NOTE
1	JDA	8/13/12	UPDATE CODE REFREN.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE APPLICABLE INTERNATIONAL BUILDING CODE WITH STATE AMENDMENTS FOR A THREE SECOND GUST OF 150 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198 SC# 21592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MD# 40905 PA# 079009 VA# 045543 LA# 0037001 TN# 112761 FL# 34222	DIXON ENGINEERING, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33542 VOICE: 813-982-9885 FAX: 813-982-2306
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COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
PHONE: 1-229-241-8805

FASTENING SCHEDULE (CONT.)

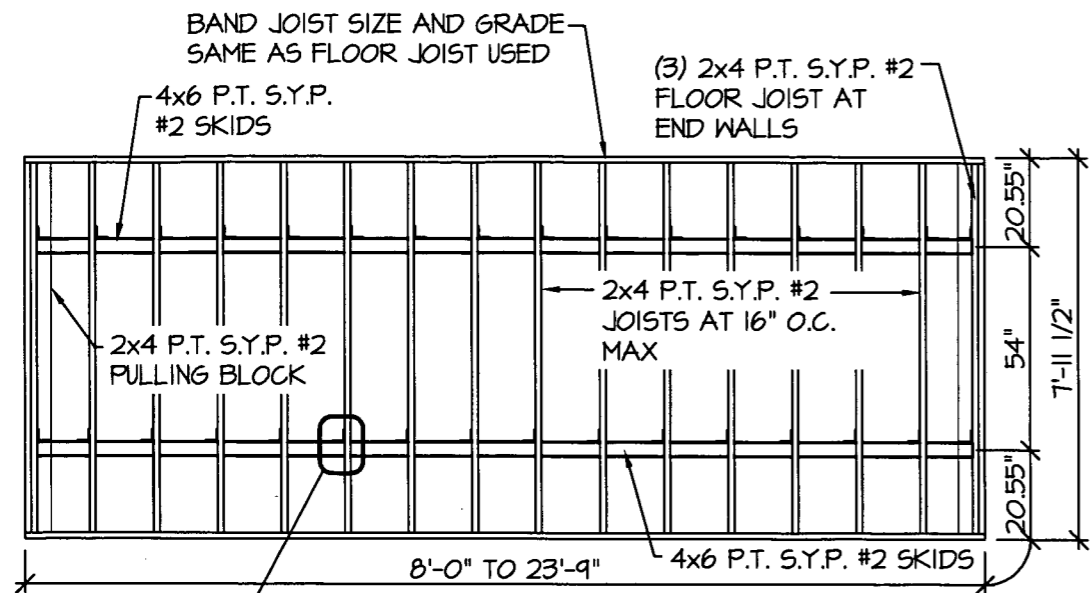
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SHEET

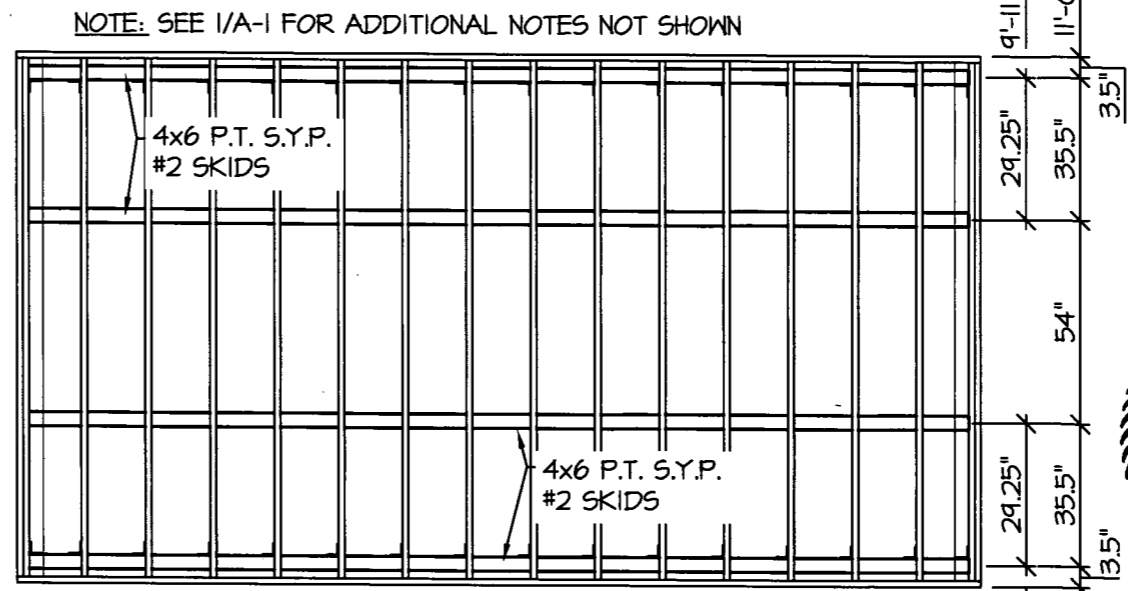
C-6

6 OF 20

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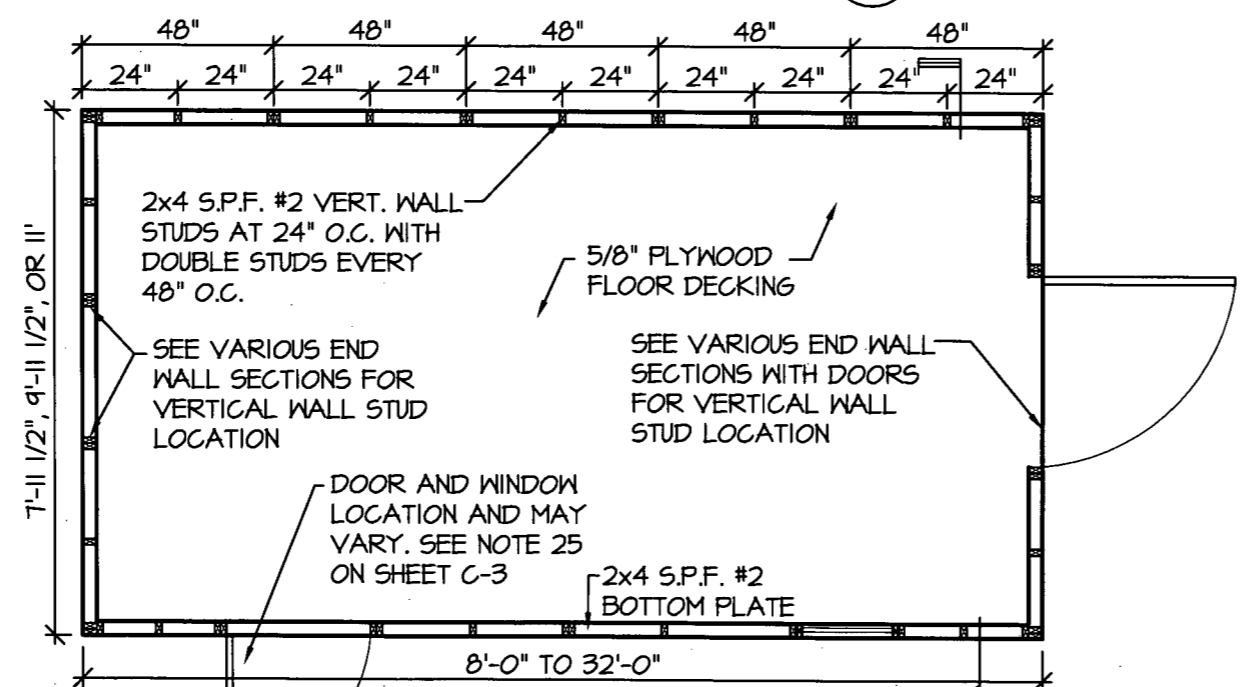


3
A-II
1
A-I
7'-11 1/2" WIDE UNIT WITH 2 SKIDS
FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



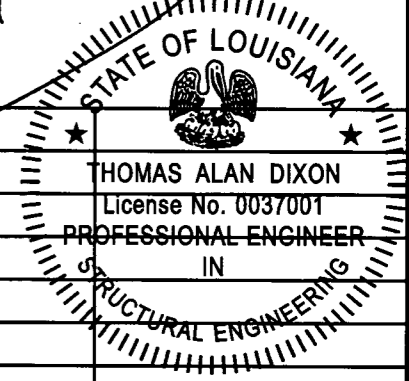
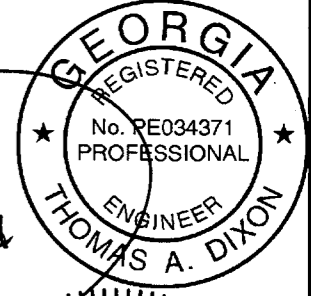
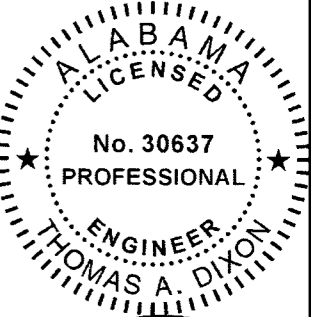
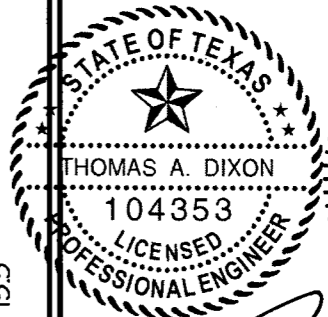
NOTE: SEE I/A-1 FOR ADDITIONAL NOTES NOT SHOWN
4x6 P.T. S.Y.P. #2 SKIDS
4x6 P.T. S.Y.P. #2 SKIDS
9'-11 1/2" WIDE
10'-0" TO 29'-9"
11'-0" WIDE
12'-0" TO 32'-0"
9'-11 1/2" & 11'-0" WIDE UNIT WITH 4 SKIDS
FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

EXAMPLE DRAWINGS ARE OF A 20' LENGTH UNIT



3
A-I
1
A-9
2x4 S.P.F. #2 VERT. WALL STUDS AT 24" O.C. WITH DOUBLE STUDS EVERY 48" O.C.
5/8" PLYWOOD FLOOR DECKING
SEE VARIOUS END WALL SECTIONS FOR VERTICAL WALL STUD LOCATION
SEE VARIOUS END WALL SECTIONS WITH DOORS FOR VERTICAL WALL STUD LOCATION
DOOR AND WINDOW LOCATION AND MAY VARY. SEE NOTE 25 ON SHEET C-3
2x4 S.P.F. #2 BOTTOM PLATE
8'-0" TO 32'-0"
FLOOR DECK PLAN
SCALE: 1/4" = 1'-0"

AREA FOR APPROVAL STAMPS



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2	JDA	1/20/14	ADD IRC NOTE
1	JDA	8/13/12	UPDATE CODE REFREN.

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THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
 SC# 27592 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MD# 40905
 PA# 0719009 VA# 045593 LA# 0037001
 TN# 112761 FL# 34222

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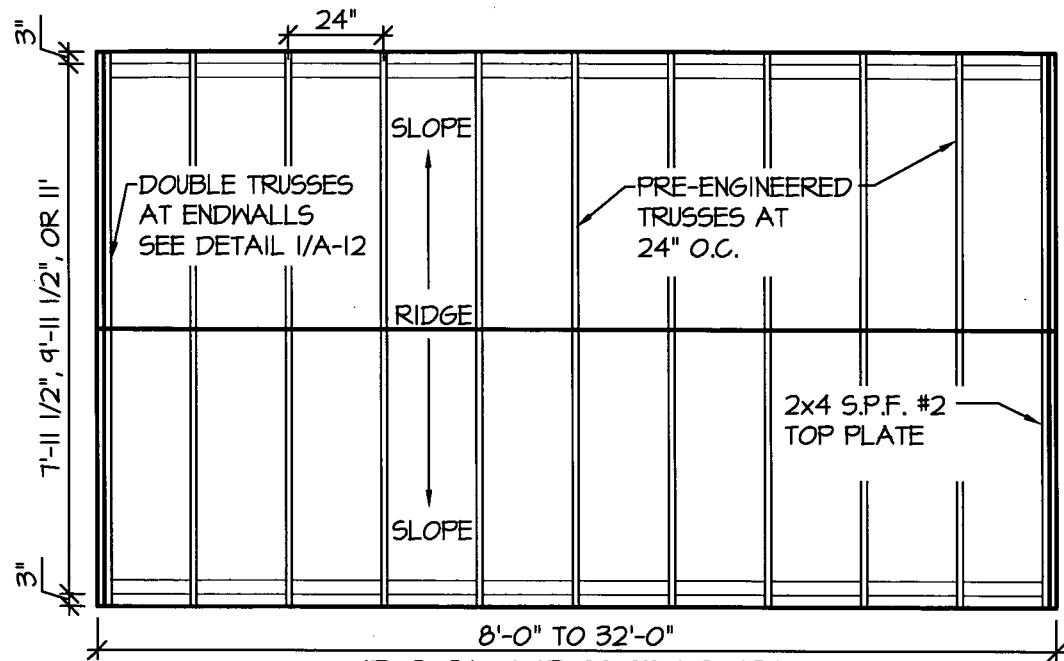
COOK PORTABLE WAREHOUSES
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 PHONE: 1-229-241-8805

FLOOR DECK AND FRAMING PLANS

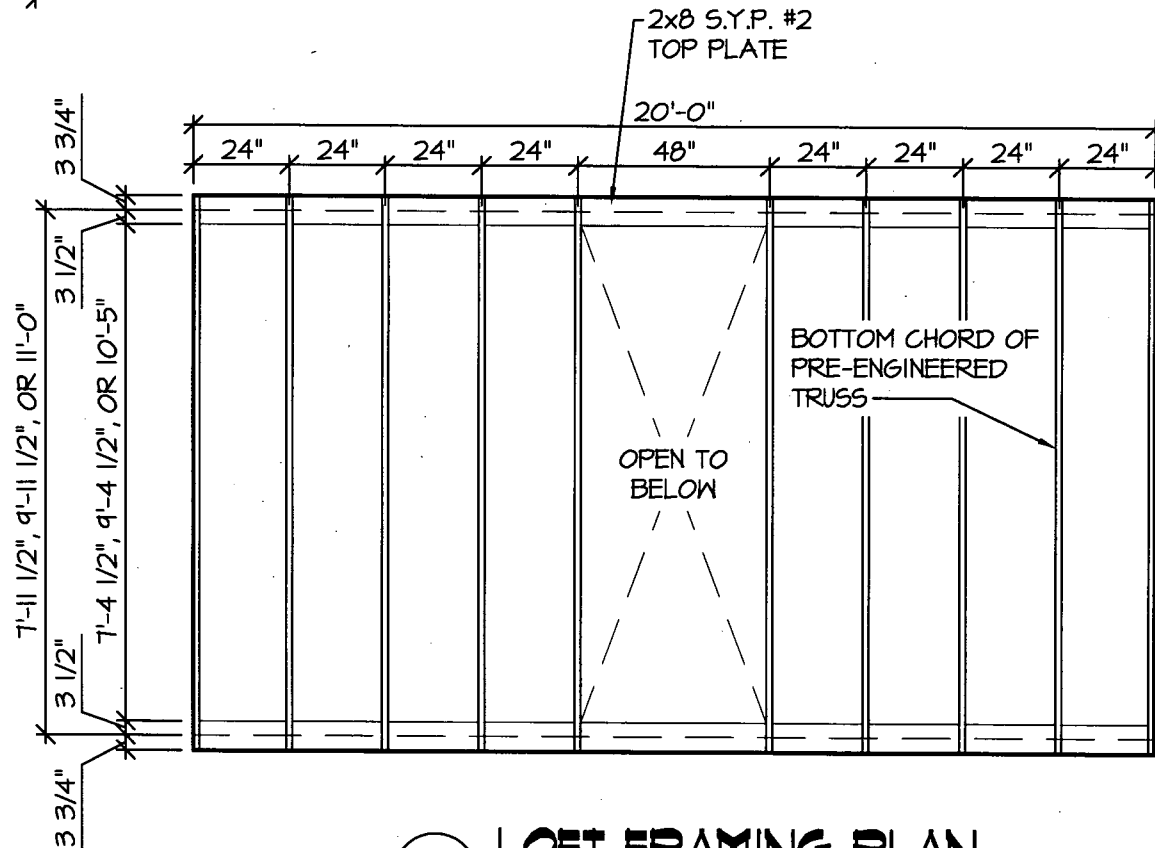
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SHEET
A-1
 7 OF 20

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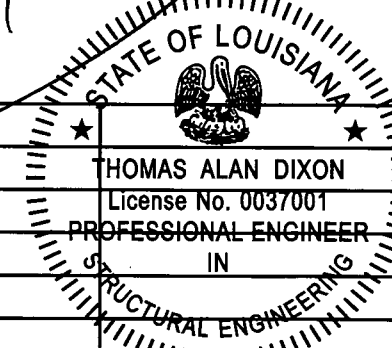
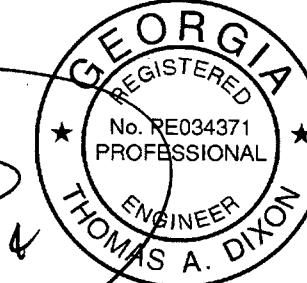
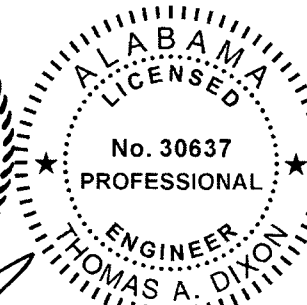
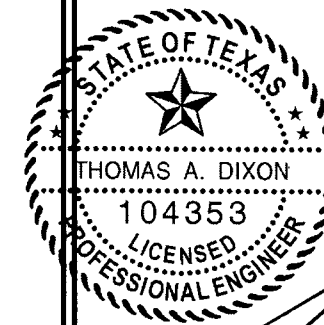


1 ROOF FRAMING PLAN
 SCALE: 1/4" = 1'-0"



2 LOFT FRAMING PLAN
 SCALE: 1/4" = 1'-0"

AREA FOR APPROVAL STAMPS



REV	BY	DATE	DESCRIPTION
2	JDA	1/20/14	ADD IRC NOTE
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 TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
 PHONE: 1-229-241-8805

ROOF FRAMING PLANS

DATE:	5/01/12
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SHEET

A-2

8 OF 20

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SHEARWALL CHART

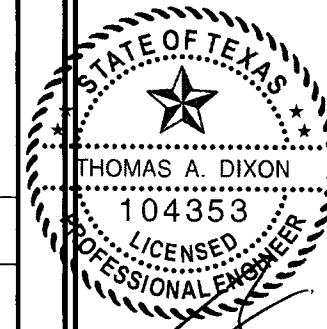
BUILDING WIDTH	OPENING WIDTHS IN ENDWALL	MAX LENGTH OF BUILDING			
		19/32" TI-II ¹	19/32" PANEL ^{1,3} OUTSIDE WITH 7/16" OSB ² ON INTERIOR OF WALL	19/32" LP SMARTPANEL ³	19/32" LP SMART-PANEL ⁴
7'-11 1/2"	NONE	23'-10"	23'-10"	23'-10"	23'-10"
	3'-0" MAX	23'-10"		23'-10"	23'-10"
	4'-0"	23'-10"		21'-11"	23'-10"
9'-11 1/2"	NONE	29'-10"	29'-10"	29'-10"	29'-10"
	3'-0" MAX	29'-10"		29'-10"	29'-10"
	4'-0"	29'-10"		29'-10"	29'-10"
	6'-0"	29'-10"		21'-11"	27'-10"
	7'-0"	25'-9"		16'-4"	20'-10"
11'-0"	NONE	32'-0"	32'-0"	32'-0"	32'-0"
	4'-0" MAX	32'-0"		32'-0"	32'-0"
	6'-0"	32'-0"		27'-9"	32'-0"
	7'-0"	32'-0"		22'-3"	28'-3"

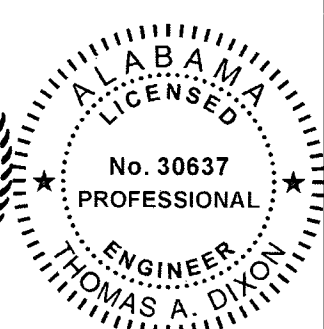
NOTES:

1. 19/32" TI-II SHALL BE FASTENED USING 8d COMMON OR DEFORMED NAILS AT 6" O.C. IN FIELD AND 3" O.C. ALONG ALL PANEL EDGES.
2. 7/16" OSB SHALL BE FASTENED USING 8d COMMON OR DEFORMED NAILS AT 6" O.C. IN FIELD AND 4" O.C. ALONG ALL PANEL EDGES.
3. 19/32" LP SMARTPANEL SHALL BE FASTENED USING 8d COMMON OR DEFORMED NAILS AT 6" O.C. IN FIELD AND 3" O.C. ALONG ALL PANEL EDGES.
4. 19/32" LP SMARTPANEL SHALL BE FASTENED USING 8d COMMON OR DEFORMED NAILS AT 6" O.C. IN FIELD AND 2" O.C. ALONG ALL PANEL EDGES.
5. WINDOWS AND DOORS MAY BE LOCATED IN EITHER THE SIDE WALL OR ENDWALL. DOORS ARE PERMITTED TO BE IN BOTH ENDWALLS OR ENDWALL AND SIDE WALL IF REQUESTED BY CUSTOMER. LIMITATIONS ON THE TOTAL OPENING DIMENSIONS IN SIDEWALLS SHALL BE BASED ON A MAXIMUM TOTAL OPENING WIDTHS OF (2/3) OF TOTAL LENGTH OF BUILDING.

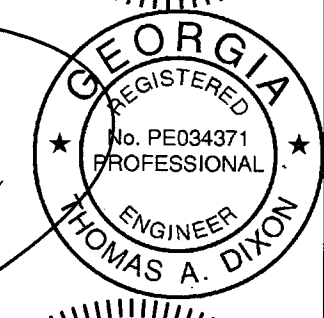


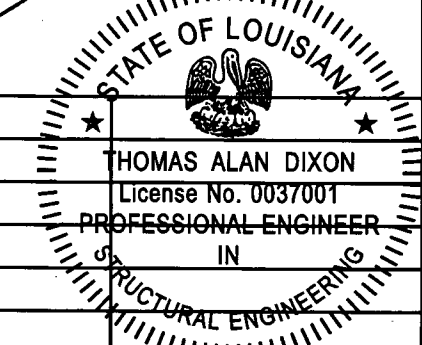
AREA FOR APPROVAL STAMPS





1/20/2012





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2	JDA	1/20/14	ADD IRC NOTE
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--	---

COOK PORTABLE WAREHOUSES
 LOFTED BARN SHED
 PHONE: 1-229-241-8805

SHEAR WALL TABLE

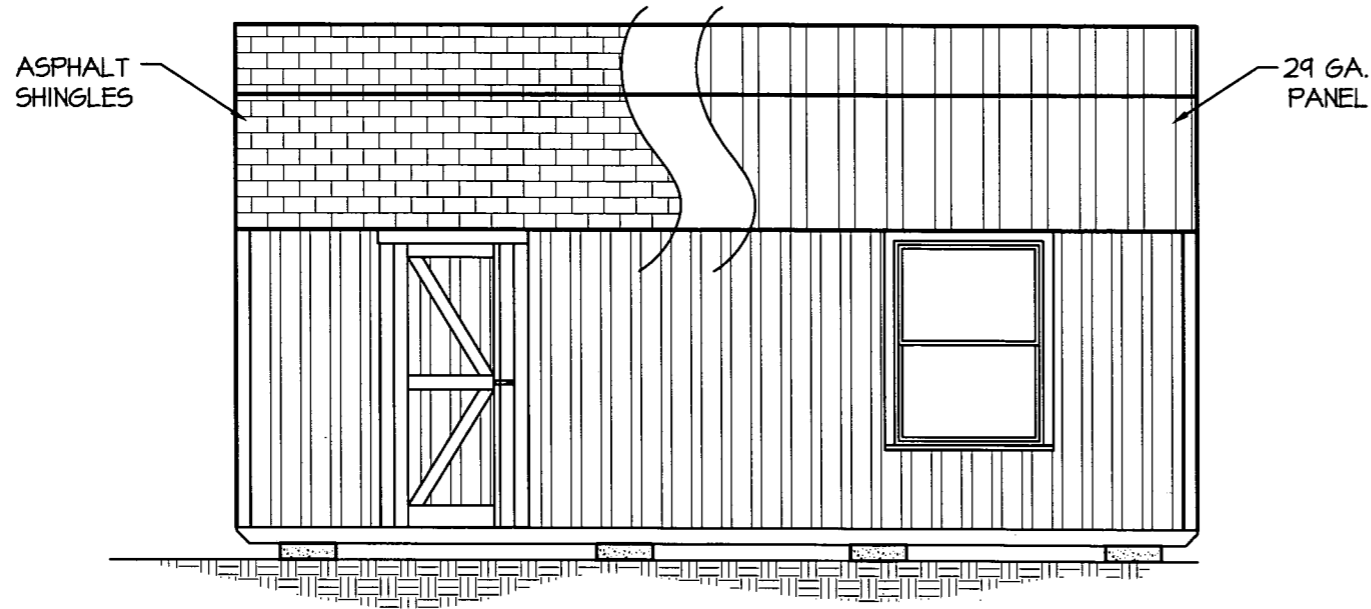
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SHEET

A-3

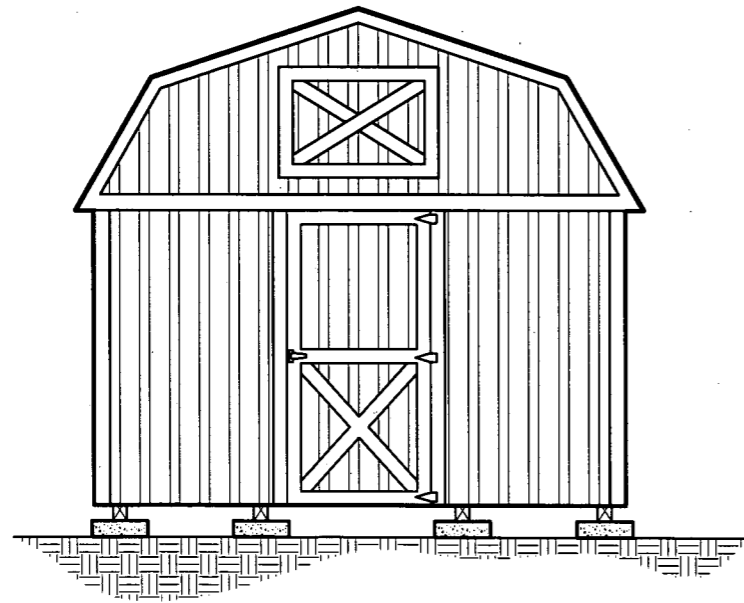
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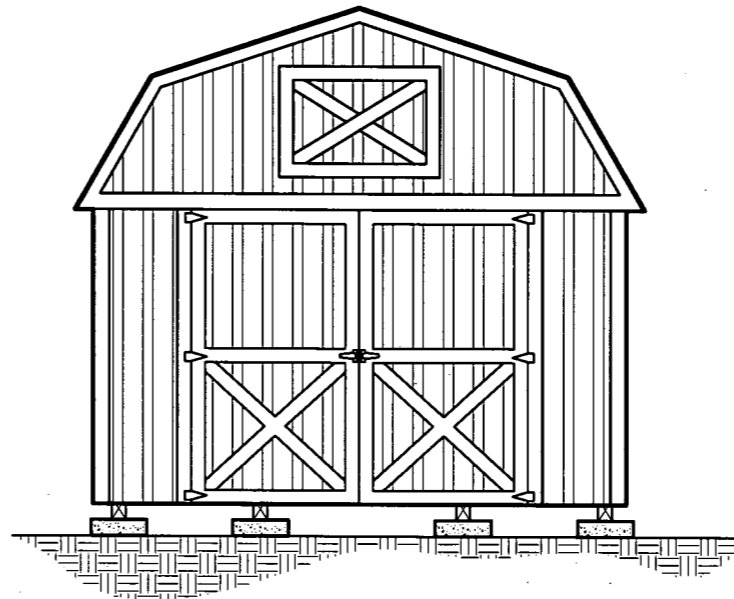
1
A-4 LOFTED BARN
SIDE ELEVATION
SCALE: 1/4" = 1'-0"

EXAMPLE DRAWING IS OF A 20' LENGTH UNIT



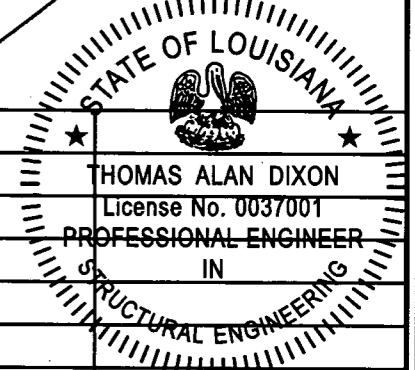
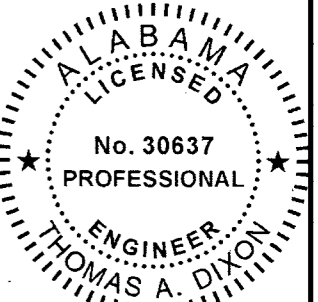
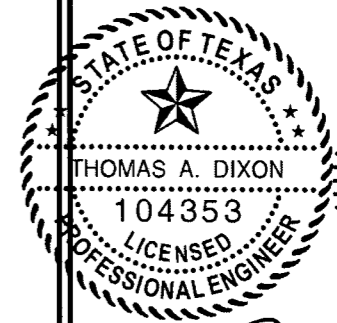
EXAMPLE DRAWING IS OF A 11'
WIDE UNIT W/ 3'-0" DOOR

2
A-4 LOFTED BARN
ENDWALL ELEVATION
SCALE: 1/4" = 1'-0"



EXAMPLE DRAWING IS OF A 11'
WIDE UNIT W/ 7'-0" DOOR

AREA FOR APPROVAL STAMPS



1/20/2014

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COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
PHONE: 1-229-241-8805

EXTERIOR ELEVATIONS

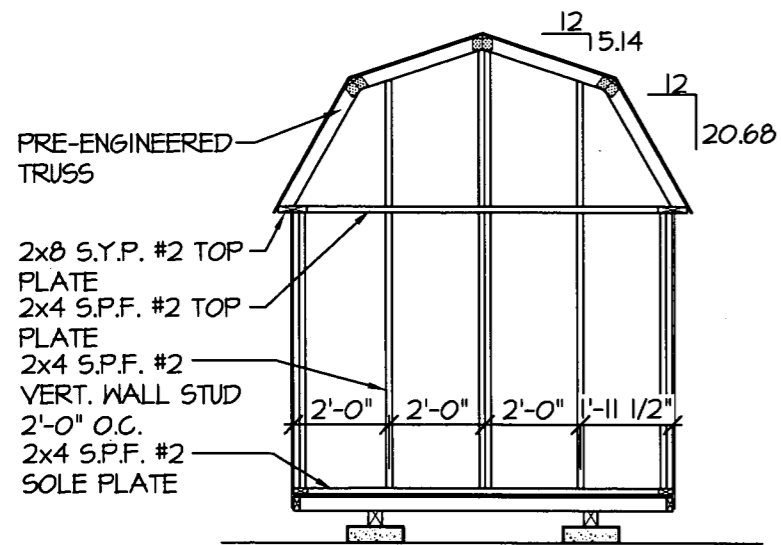
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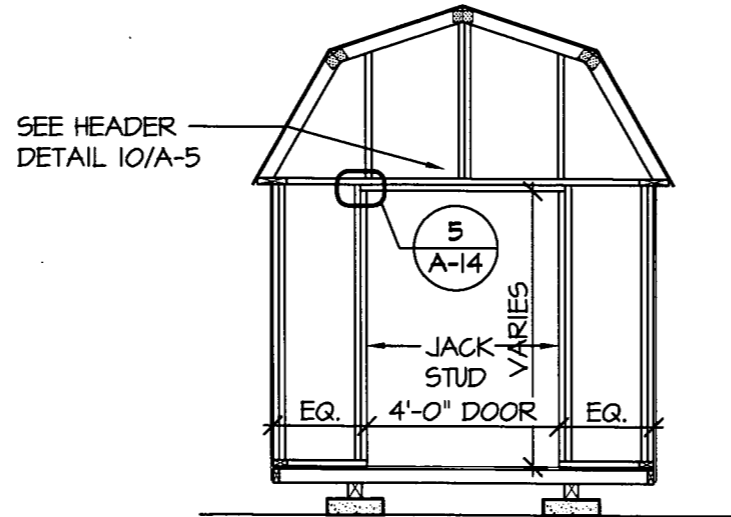
A-4

10 OF 20

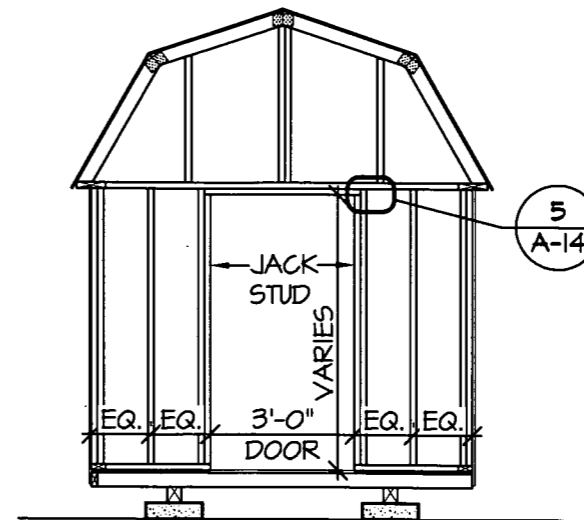
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1
A-5
7'-11 1/2" SHED ENDWALL
WITH NO OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



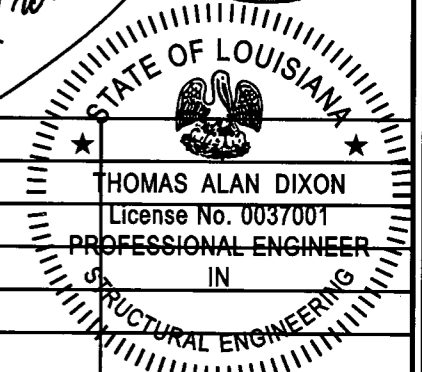
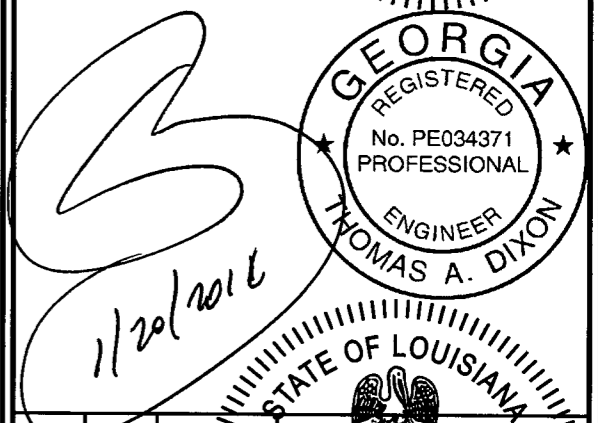
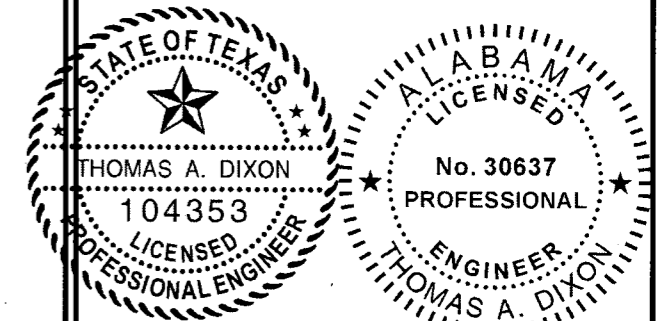
2
A-5
7'-11 1/2" SHED ENDWALL
WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



3
A-5
7'-11 1/2" SHED ENDWALL
WITH 3' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

NOTE:
I. FOR ALL NOTES NOT SHOWN SEE SHEET A-1 - A-4

AREA FOR APPROVAL STAMPS



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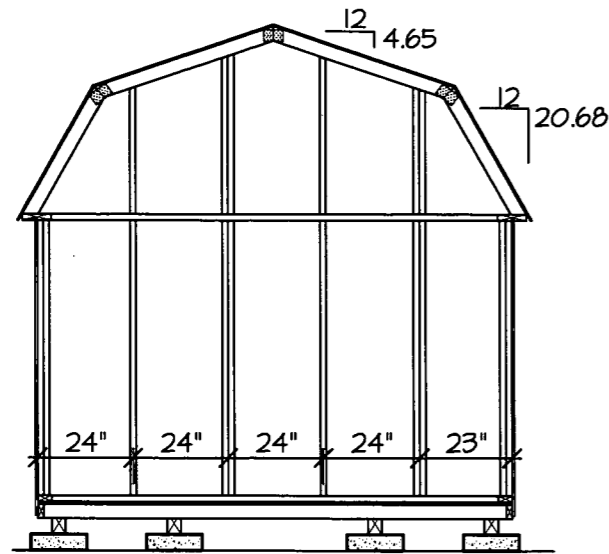
FRAMING ELEVATIONS

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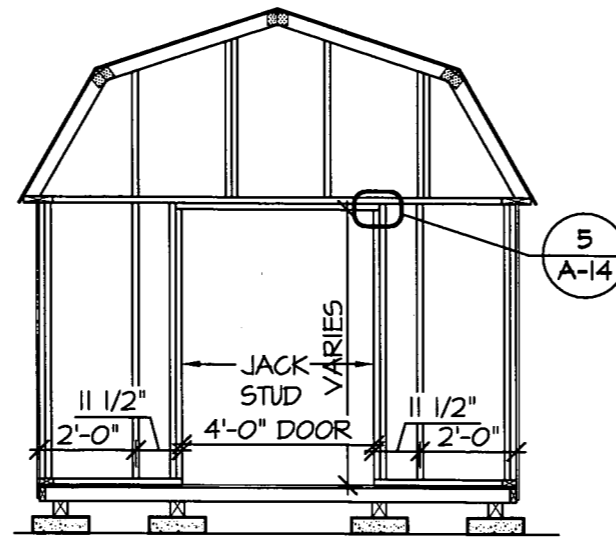
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 CHECKED BY: TAD
 SCALE: AS NOTED
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SHEET
A-5
 11 OF 20

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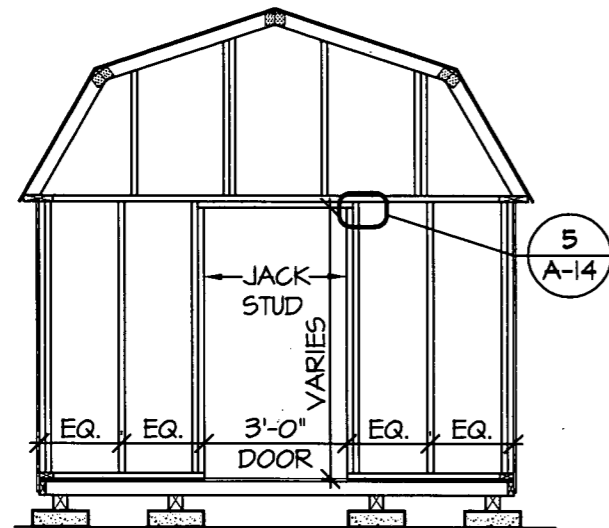


1
A-6
9'-11 1/2" SHED ENDWALL
WITH NO OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

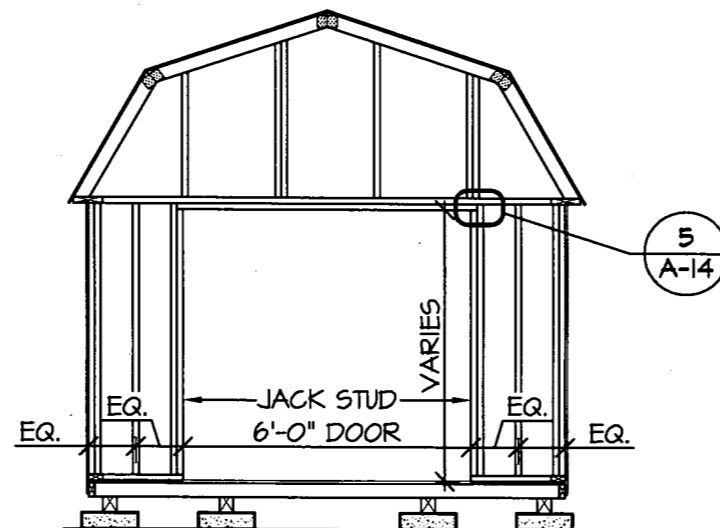


2
A-6
9'-11 1/2" SHED ENDWALL
WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

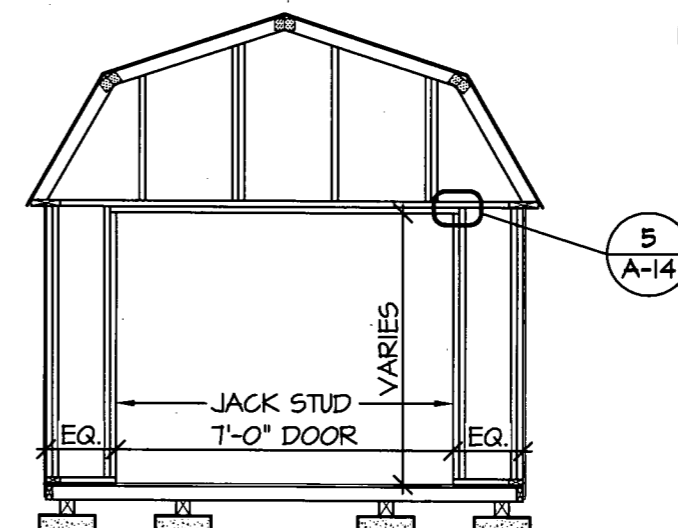
NOTE:
1. FOR ALL NOTES NOT SHOWN SEE SHEET A-1 - A-5



3
A-6
9'-11 1/2" SHED ENDWALL
WITH 3' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

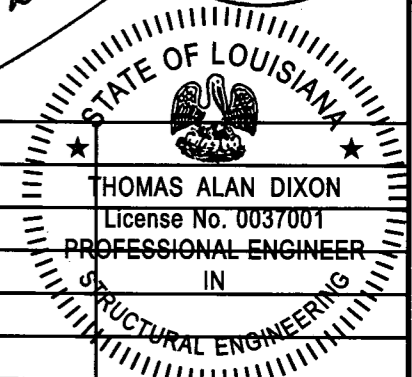
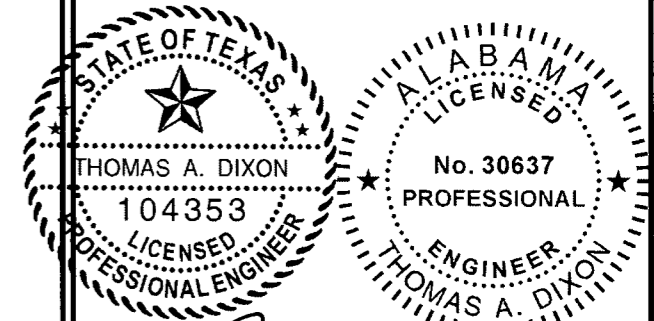


4
A-6
9'-11 1/2" SHED ENDWALL
WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



5
A-6
9'-11 1/2" SHED ENDWALL
WITH 7' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

AREA FOR APPROVAL STAMPS



REV	BY	DATE	DESCRIPTION
2	JDA	1/20/14	ADD IRC NOTE
1	JDA	8/13/12	UPDATE CODE REFREN.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE APPLICABLE INTERNATIONAL BUILDING CODE WITH STATE AMENDMENTS FOR A THREE SECOND GUST OF 150 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
SC# 27592 NC# 035985 GA# 034371
WV# 071936 TX# 104353 MD# 40905
PA# 079009 VA# 045543 LA# 0037001
TN# 112761 FL# 34222

DIXON ENGINEERING, INC.
STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
10410 MAIN STREET
THONOTOSASSA, FL 33542
VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
PHONE: 1-229-241-8805

FRAMING ELEVATIONS

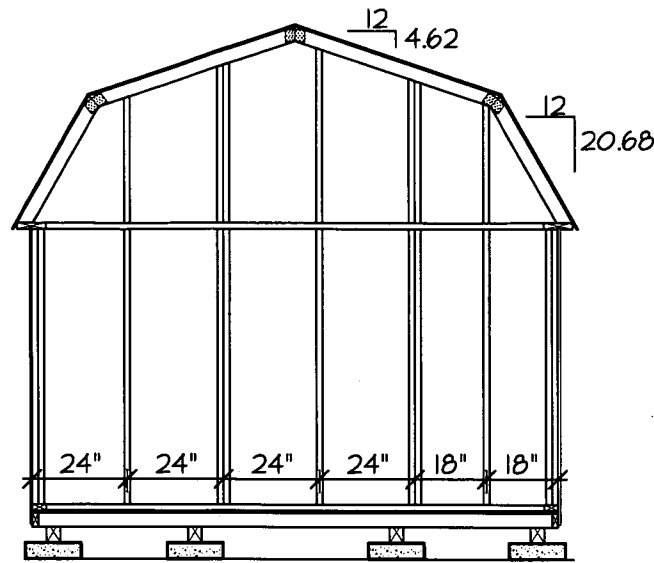
DATE: 5/01/12
DRAWN BY: JDA
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-057

SHEET

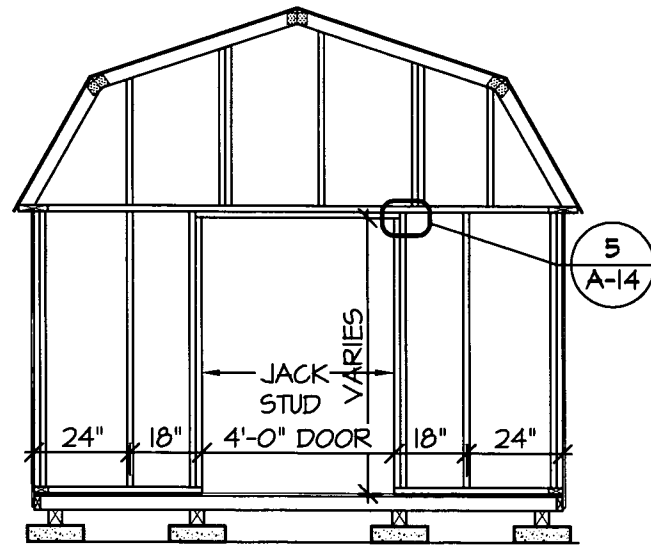
A-6

12 OF 20

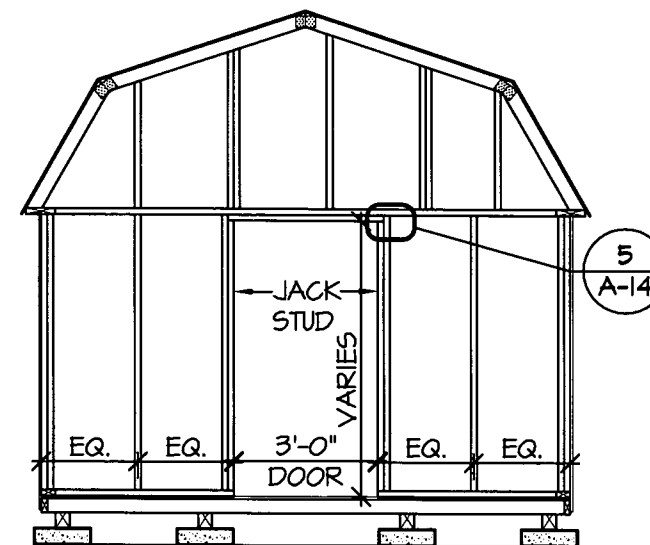
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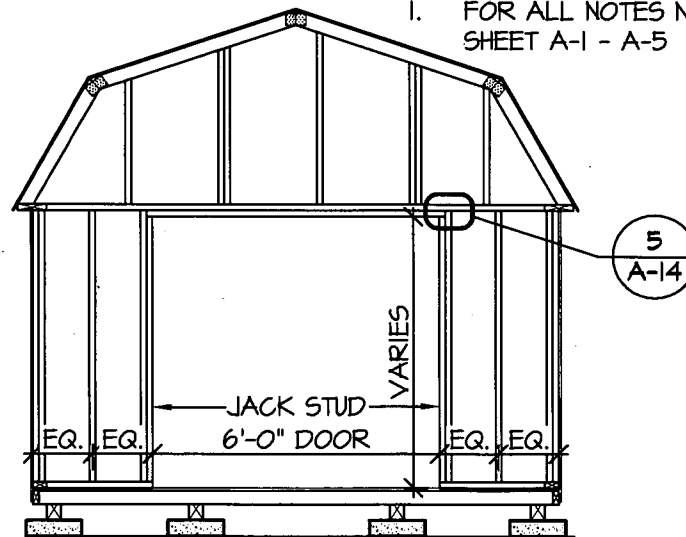
1
A-7 11'-0" SHED ENDWALL WITH NO OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



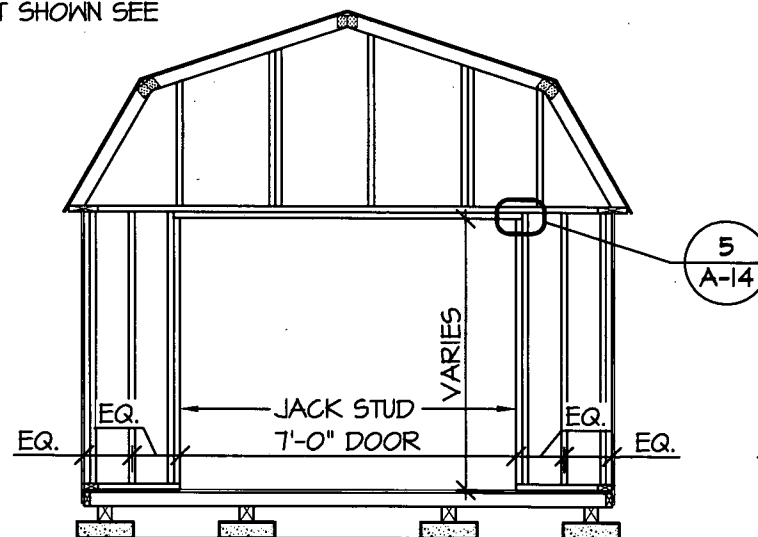
2
A-7 11'-0" SHED ENDWALL WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



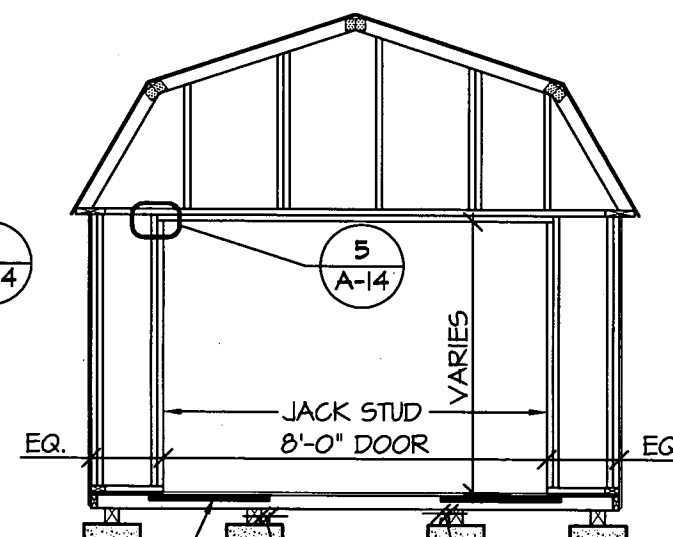
3
A-7 11'-0" SHED ENDWALL WITH 3' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



4
A-7 11'-0" SHED ENDWALL WITH 6' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



5
A-7 11'-0" SHED ENDWALL WITH 7' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



6
A-7 11'-0" SHED ENDWALL WITH 8' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

NOTE:
1. FOR ALL NOTES NOT SHOWN SEE SHEET A-1 - A-5

1/8" x 1 1/2" x 30"
STEEL PLATE. SEE
DETAIL 6/A-10
FOR ATTACHMENT

AREA FOR APPROVAL STAMPS

STATE OF TEXAS
THOMAS A. DIXON
104353
LICENSED PROFESSIONAL ENGINEER

ALABAMA
LICENSED
No. 30637
PROFESSIONAL ENGINEER
THOMAS A. DIXON

GEORGIA
REGISTERED
No. PE034371
PROFESSIONAL ENGINEER
THOMAS A. DIXON

STATE OF LOUISIANA
THOMAS ALAN DIXON
License No. 0037001
PROFESSIONAL ENGINEER
IN
STRUCTURAL ENGINEERING

1/20/2014

REV	BY	DATE	DESCRIPTION
2	JDA	1/20/14	ADD IRC NOTE
1	JDA	8/13/12	UPDATE CODE REFREN.

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THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
SC# 27592 NC# 035985 GA# 034371
WV# 071936 TX# 104353 MD# 40905
PA# 079009 VA# 045593 LA# 0037001
TN# 112761 FL# 34222

DIXON ENGINEERING, INC.
STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
10410 MAIN STREET
THONOTOSASSA, FL 33592
VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
PHONE: 1-229-241-8805

FRAMING ELEVATIONS

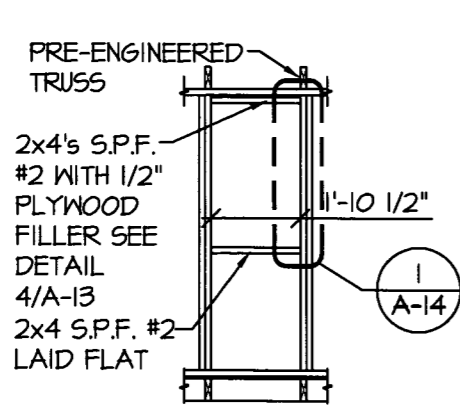
DATE: 5/01/12
DRAWN BY: JDA
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-057

SHEET

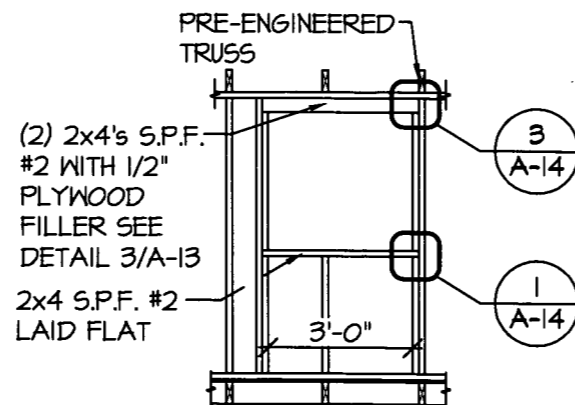
A-7

13 OF 20

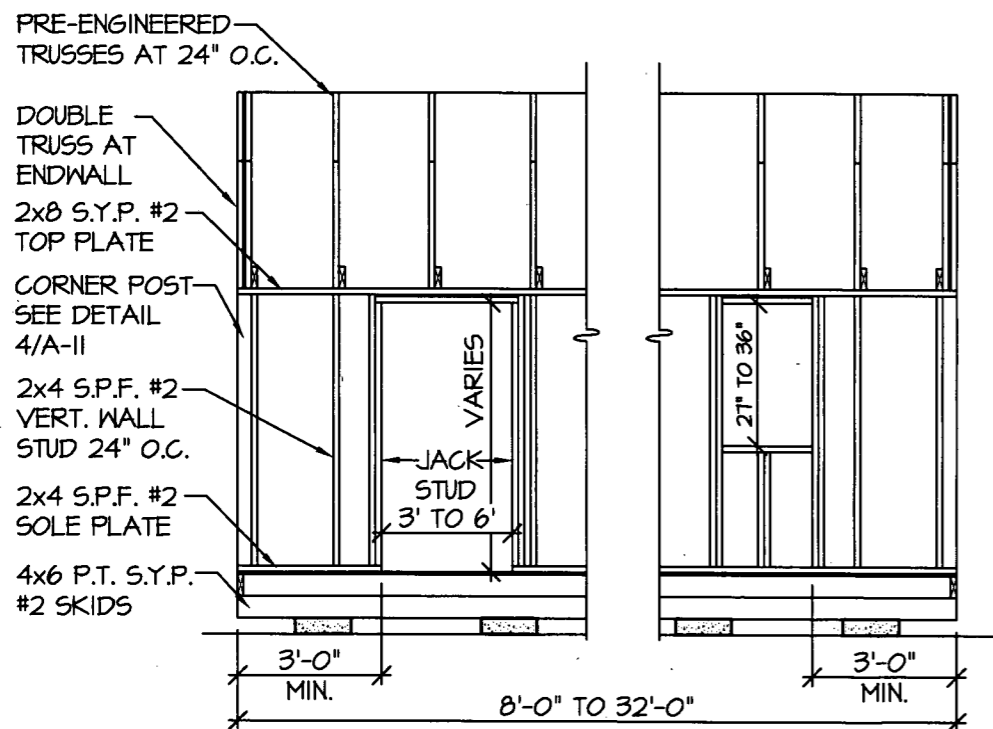
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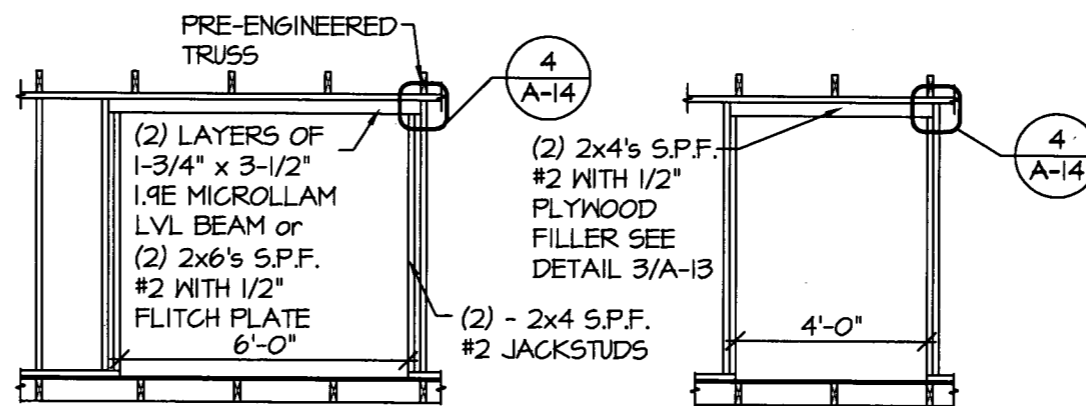
1
A-8
SCALE: 1/4" = 1'-0"
**SIDEWALL OR ENDWALL
2'-0" WINDOW HEADER AND SILL
FRAMING ELEVATION**



2
A-8
SCALE: 1/4" = 1'-0"
**SIDEWALL
3'-0" OPENING HEADER AND SILL
FRAMING ELEVATION**



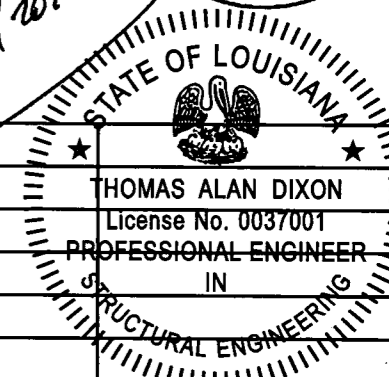
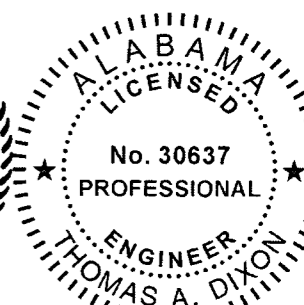
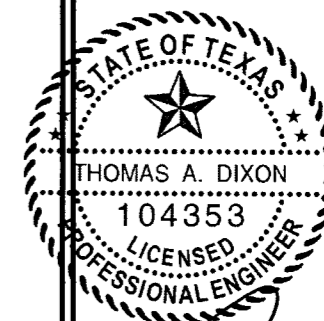
3
A-8
SCALE: 1/4" = 1'-0"
**SIDEWALL
FRAMING ELEVATION**



4
A-8
SCALE: 1/4" = 1'-0"
**SIDEWALL
6'-0" DOOR HEADER
FRAMING ELEVATION**

5
A-8
SCALE: 1/4" = 1'-0"
**SIDEWALL
4'-0" DOOR HEADER
FRAMING ELEVATION**

AREA FOR APPROVAL STAMPS



REV	BY	DATE	DESCRIPTION
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TN# 112761 FL# 34222

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10410 MAIN STREET
THONOTOSASSA, FL 33542
VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
PHONE: 1-229-241-8805

FRAMING ELEVATIONS

DATE: 5/01/12
DRAWN BY: JDA
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-057

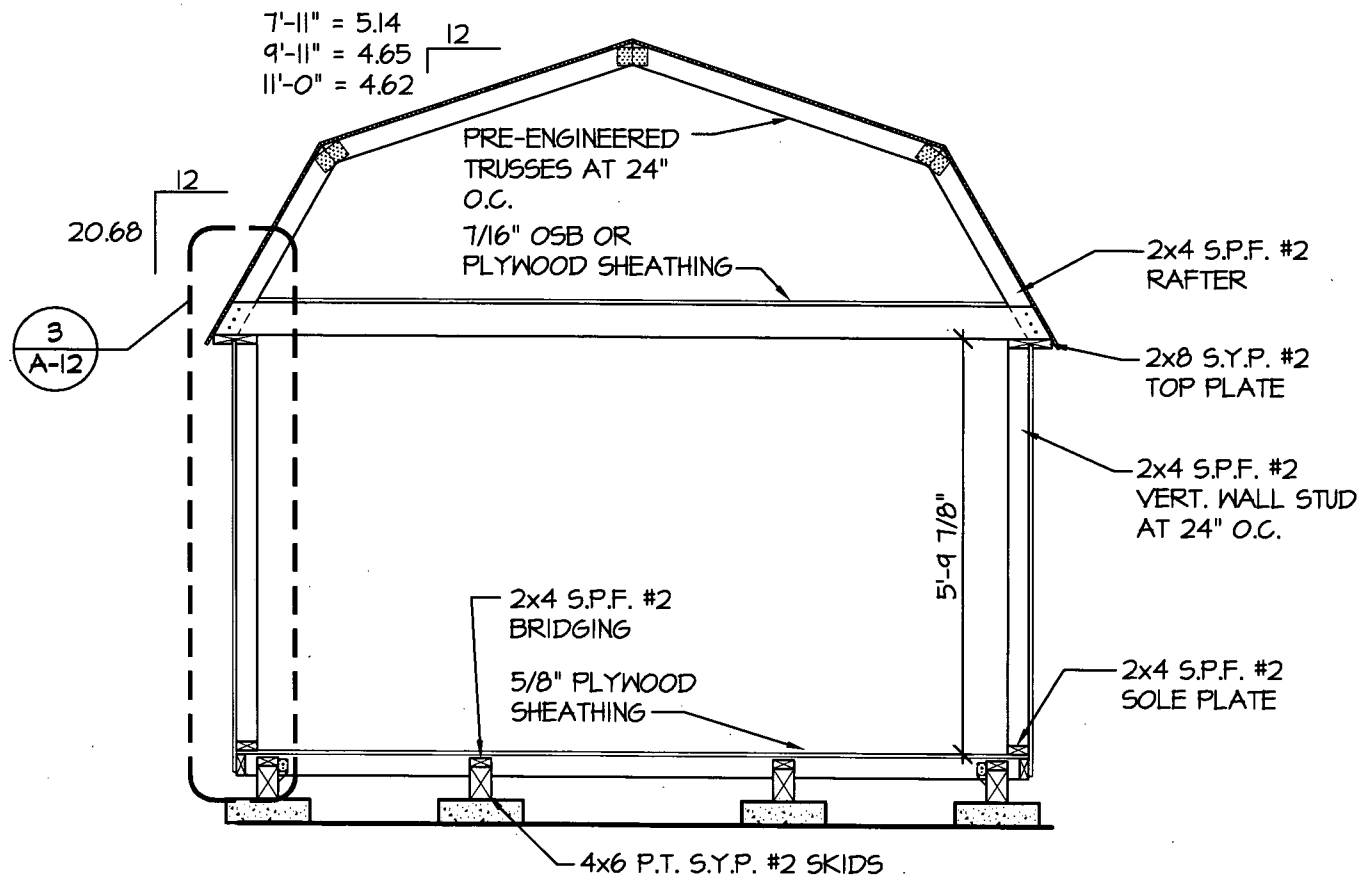
SHEET

A-8

14 OF 20

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NOTE:
 FOR ALL FASTENING OF FRAMING
 MEMBERS NOT NOTED ON THIS
 SHEET REFER TO FASTENING
 SCHEDULE ON SHEETS C-4 THRU C-6



1 CROSS SECTION
 A-9 SCALE: 3/8" = 1'-0"

EXAMPLE DRAWING IS OF A 11'-0" WIDE UNIT

AREA FOR APPROVAL STAMPS

STATE OF TEXAS

★

THOMAS A. DIXON

104353

PROFESSIONAL ENGINEER

ALABAMA

LICENSED

No. 30637

PROFESSIONAL

ENGINEER

THOMAS A. DIXON

1/20/2014

GEORGIA

REGISTERED

No. PE034371

PROFESSIONAL

ENGINEER

THOMAS A. DIXON

STATE OF LOUISIANA

★

THOMAS ALAN DIXON

License No. 0037001

PROFESSIONAL ENGINEER

IN

STRUCTURAL ENGINEERING

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THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MD# 40905 PA# 079009 VA# 045593 LA# 0037001 TN# 112761 FL# 34222	DIXON ENGINEERING, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33542 VOICE: 813-982-9885 FAX: 813-982-2306
--	---

COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
 PHONE: 1-229-241-8805

SECTION & DETAIL

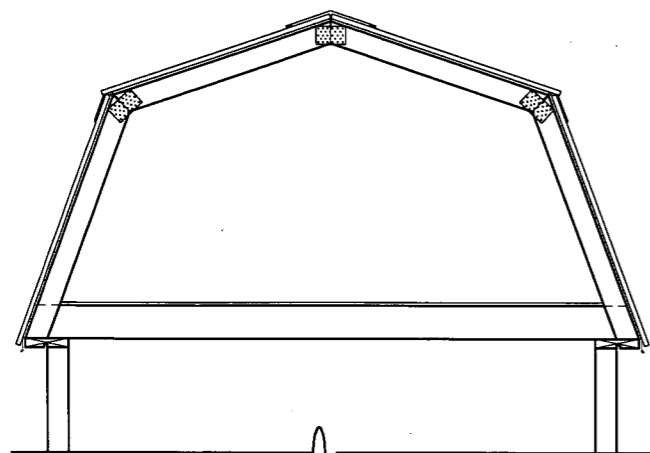
DATE:	5/01/12
DRAWN BY:	JDA
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-057

SHEET

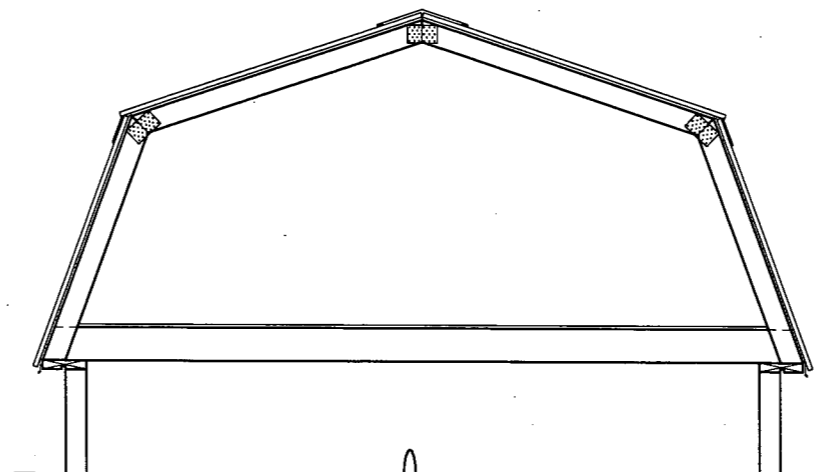
A-9

15 OF 20

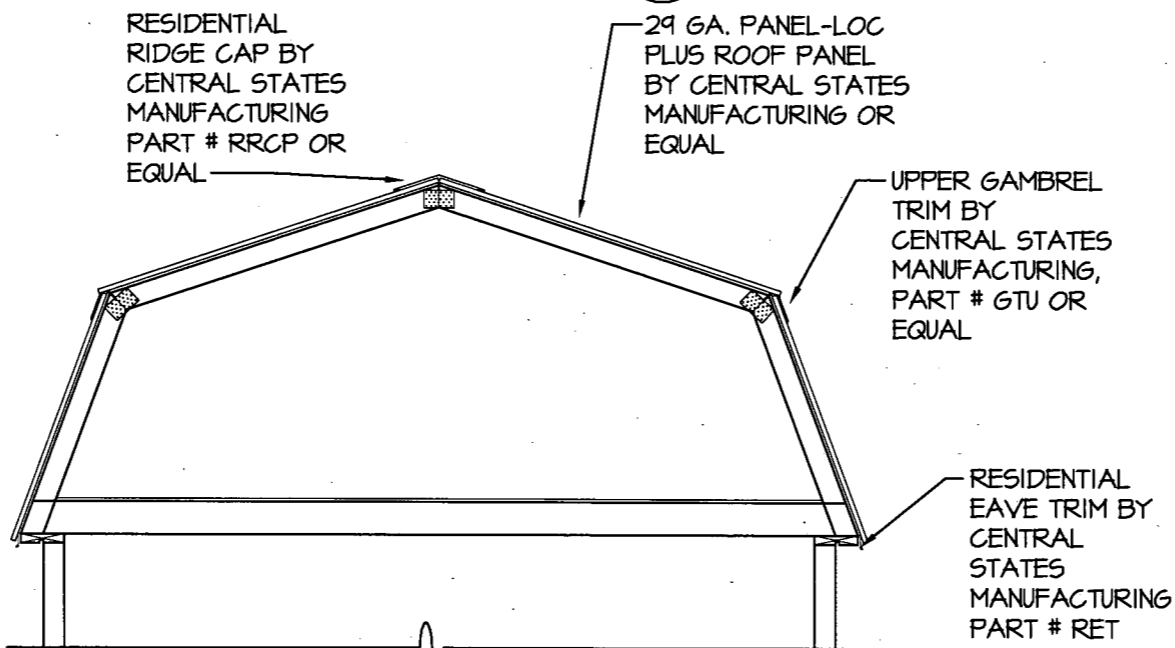
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1
A-10
7'-11 1/2" WIDE
OPTIONAL METAL ROOF
CROSS SECTION
SCALE: 3/8" = 1'-0"



2
A-10
9'-11 1/2" WIDE
OPTIONAL METAL ROOF
CROSS SECTION
SCALE: 3/8" = 1'-0"



3
A-10
11'-0" WIDE
OPTIONAL METAL ROOF
CROSS SECTION
SCALE: 3/8" = 1'-0"

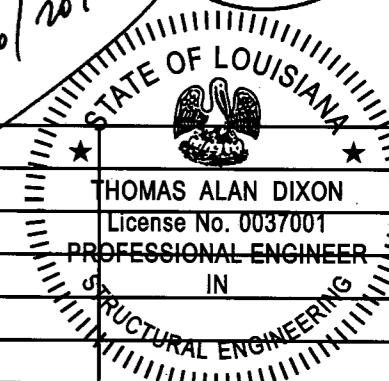
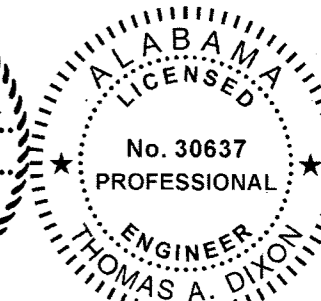
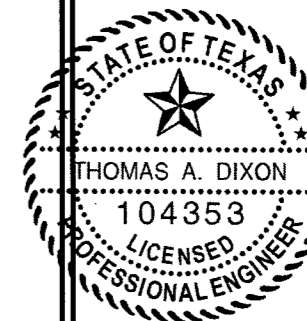
RESIDENTIAL
RIDGE CAP BY
CENTRAL STATES
MANUFACTURING
PART # RRCP OR
EQUAL

29 GA. PANEL-LOC
PLUS ROOF PANEL
BY CENTRAL STATES
MANUFACTURING OR
EQUAL

UPPER GAMBREL
TRIM BY
CENTRAL STATES
MANUFACTURING,
PART # GTU OR
EQUAL

RESIDENTIAL
EAVE TRIM BY
CENTRAL
STATES
MANUFACTURING
PART # RET
OR EQUAL

AREA FOR APPROVAL STAMPS



Handwritten signature and date: 1/20/2014

REV	BY	DATE	DESCRIPTION
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TN# 112761 FL# 34222

DIXON ENGINEERING, INC.
STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
10410 MAIN STREET
THONOTOSASSA, FL 33542
VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
PHONE: 1-229-241-8805

ROOF SECTIONS

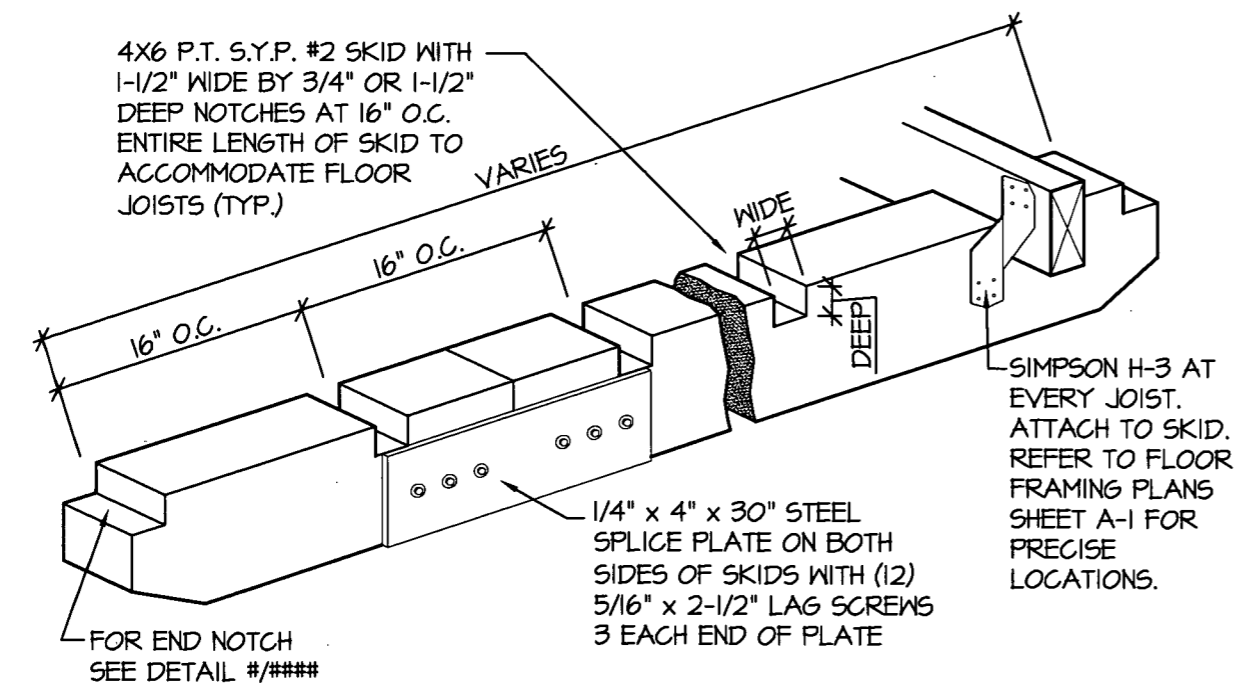
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DRAWN BY:	JDA
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-057

SHEET

A-10

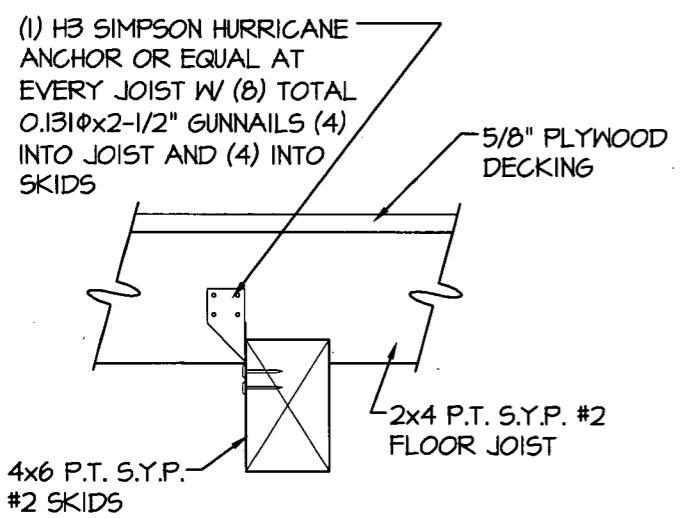
16 OF 20

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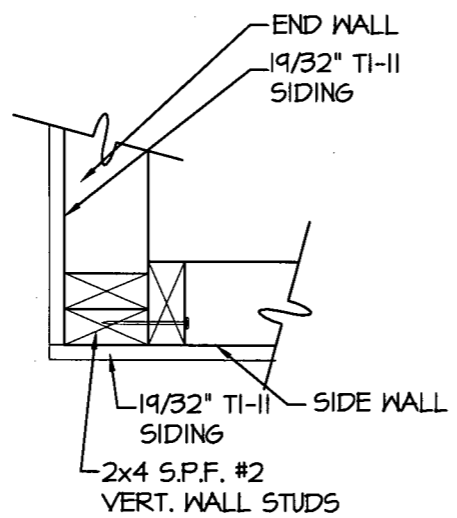


1 ISOMETRIC SKID DETAIL
A-II SCALE: N.T.S.

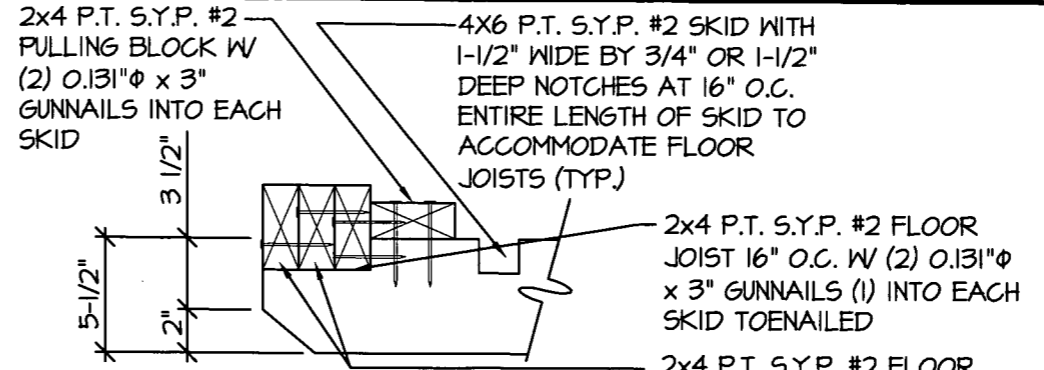
NOTE:
FOR ALL FASTENING OF FRAMING MEMBERS NOT NOTED ON THIS SHEET REFER TO FASTENING SCHEDULE ON SHEETS C-4 THRU C-6



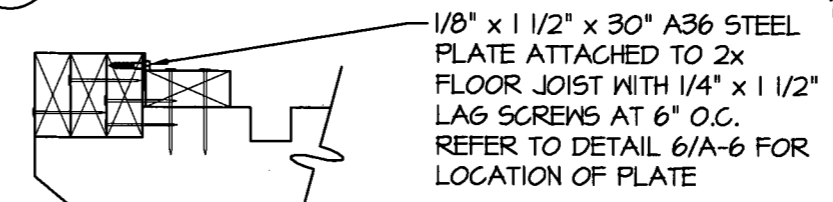
3 SKID CONNECTION DETAIL
A-II SCALE: 1 1/2" = 1'-0"



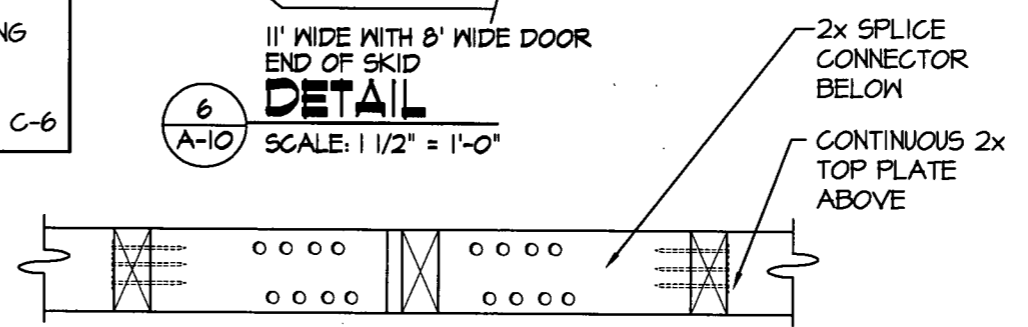
4 CORNER CONNECTION DETAIL
A-II SCALE: 1 1/2" = 1'-0"



2 END WALL JOISTS TYP. END OF SKID DETAIL
A-10 SCALE: 1 1/2" = 1'-0"



6 11" WIDE WITH 8" WIDE DOOR END OF SKID DETAIL
A-10 SCALE: 1 1/2" = 1'-0"



5 SPLICE CONNECTION DETAIL
A-II SCALE: 1 1/2" = 1'-0"

AREA FOR APPROVAL STAMPS

STATE OF TEXAS
THOMAS A. DIXON
104353
LICENSED PROFESSIONAL ENGINEER

ALABAMA
LICENSED
No. 30637
PROFESSIONAL ENGINEER
THOMAS A. DIXON

GEORGIA
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No. PE034371
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STATE OF LOUISIANA
THOMAS ALAN DIXON
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1/20/2014

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10410 MAIN STREET
THONOTOSASSA, FL 33542
VOICE: 813-982-9885 FAX: 813-982-2306

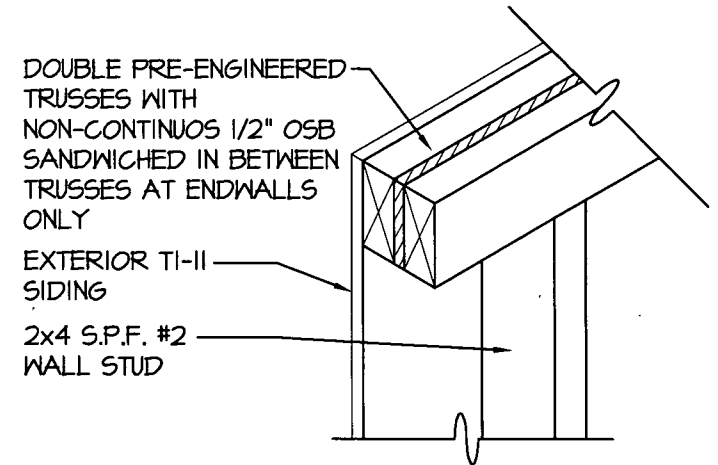
COOK PORTABLE WAREHOUSES
LOFTED BARN SHED
PHONE: 1-229-241-8805

DETAILS

DATE: 5/01/12
DRAWN BY: JDA
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 445-057

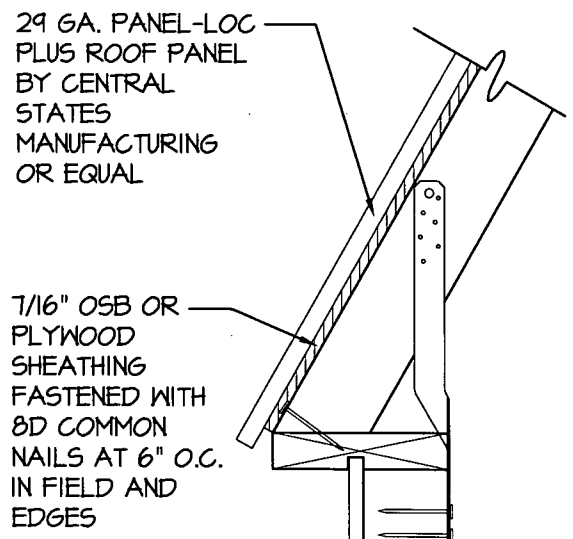
SHEET
A-11
17 OF 20

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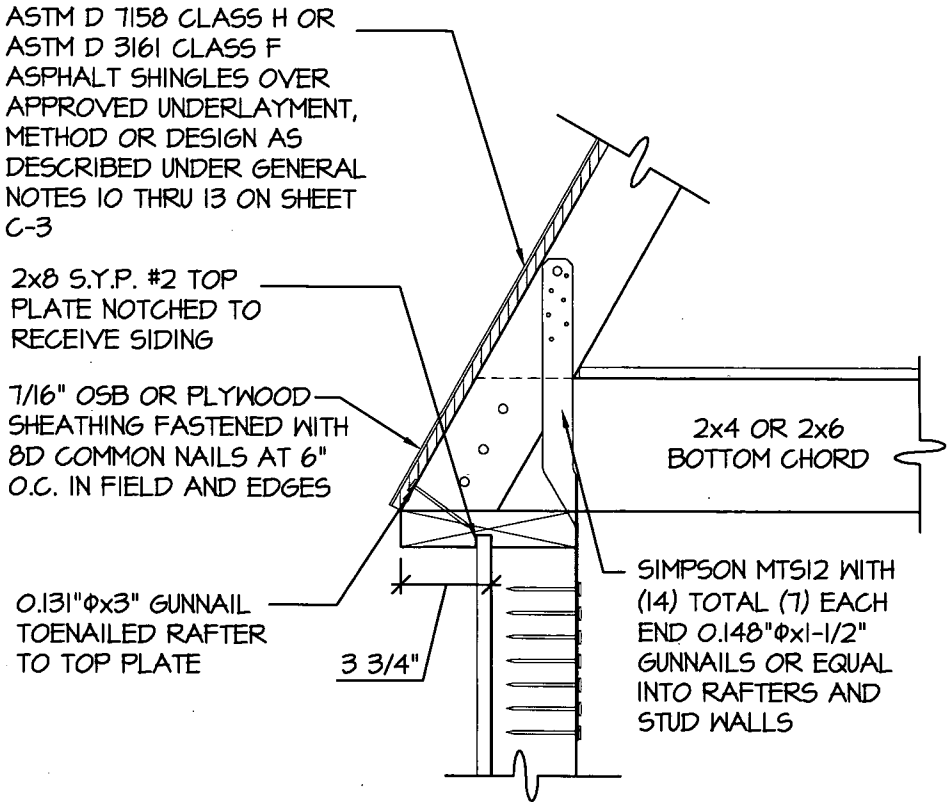


1
A-12
DOUBLE TRUSS DETAIL
SCALE: 1 1/2" = 1'-0"

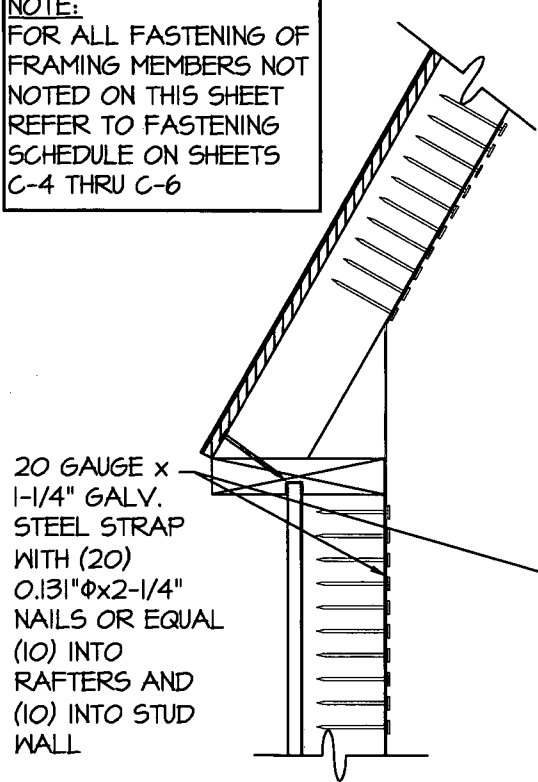
NOTE:
FOR ALL FASTENING OF FRAMING MEMBERS NOT NOTED ON THIS SHEET REFER TO FASTENING SCHEDULE ON SHEETS C-4 THRU C-6



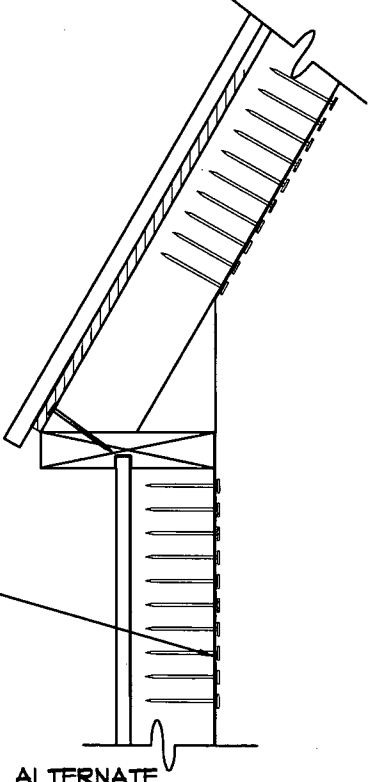
2
A-12
WALL STUD TO RAFTER FASTENING W/ METAL ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



3
A-12
WALL STUD TO RAFTER AND FLOOR FASTENING DETAIL
SCALE: 1 1/2" = 1'-0"

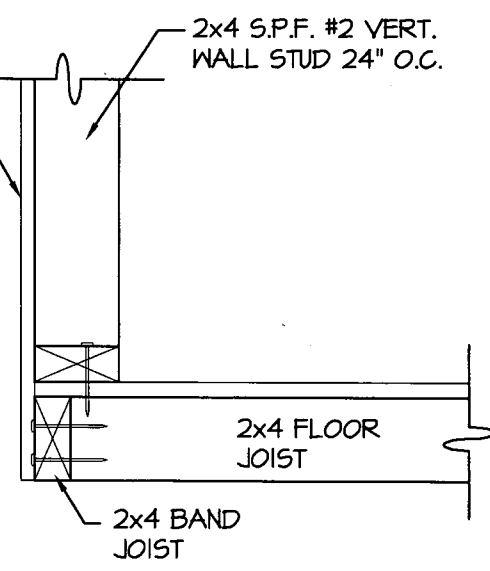


4
A-12
ALTERNATE STANDARD BARN WALL STUD TO RAFTER DETAIL
SCALE: 1 1/2" = 1'-0"

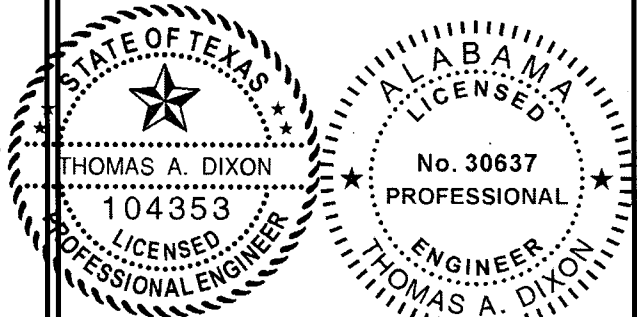


5
A-12
ALTERNATE STANDARD BARN WALL STUD TO RAFTER FASTENING WITH METAL ROOF DETAIL
SCALE: 1 1/2" = 1'-0"

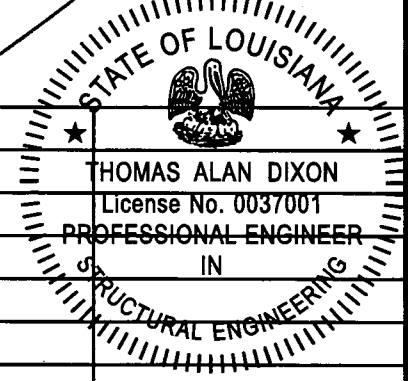
19/32" TI-II SIDING OR 19/32" LP SMARTSIDE PRECISION PANEL SIDING. SEE SHEAR WALL TABLE 1/A-2 FOR MAXIMUM BUILDING LENGTHS BASED ON PRESCRIBED NAILING PATTERN IN ENDWALL SHAER WALLS. NAILING FOR SIDEWALLS SHALL BE 8d COMMON OR DEFORMED NAILS AT 6" O.C. EVERYWHERE.



AREA FOR APPROVAL STAMPS



1/20/2014



REV	BY	DATE	DESCRIPTION
2	JDA	1/20/14	ADD IRC NOTE
1	JDA	8/13/12	UPDATE CODE REFREN.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE APPLICABLE INTERNATIONAL BUILDING CODE WITH STATE AMENDMENTS FOR A THREE SECOND GUST OF 150 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
 SC# 27592 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MD# 40905
 PA# 079009 VA# 045593 LA# 0037001
 TN# 112761 FL# 34222

DIXON ENGINEERING, INC.
 STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
 10410 MAIN STREET
 THONOTOSASSA, FL 33592
 VOICE: 813-982-9885 FAX: 813-982-2306

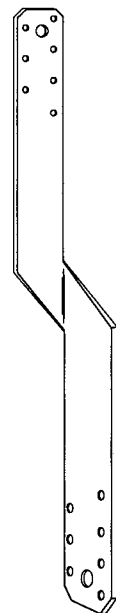
COOK PORTABLE WAREHOUSES
 LOFTED BARN SHED
 PHONE: 1-229-241-8805

DETAILS

DATE: 5/01/12
 DRAWN BY: JDA
 CHECKED BY: TAD
 SCALE: AS NOTED
 W.O. NO: 445-057

SHEET
A-12
 18 OF 20

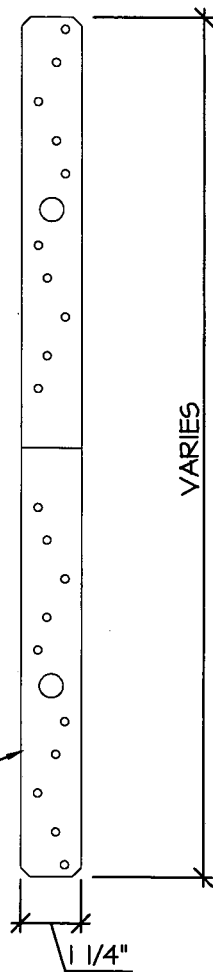
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NOTE:
FOR ALL FASTENING OF FRAMING MEMBERS NOT NOTED ON THIS SHEET REFER TO FASTENING SCHEDULE ON SHEETS C-4 THRU C-6

16 GAUGE GALVANIZED STEEL WITH (14) TOTAL (7) EACH END 0.148" ϕ x 1-1/2" NAILS OR EQUAL INTO RAFTERS AND STUD WALLS

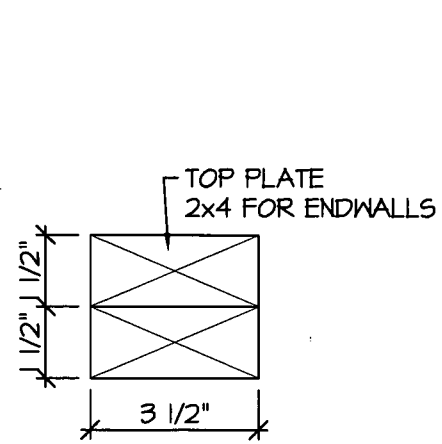
1
A-13 **DETAIL**
SCALE: 3" = 1'-0"



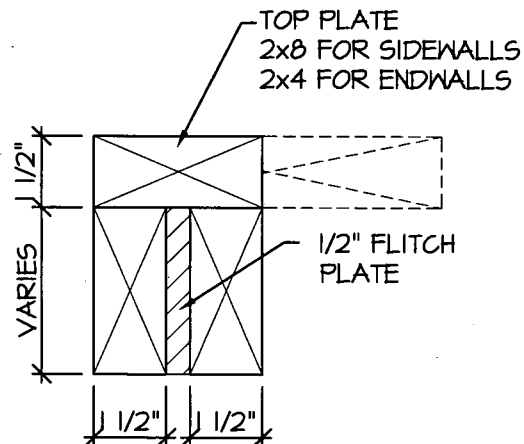
NOTE: USED ON EVERY WALL STUD TO CONNECT WALL TO ROOF

20 GAUGE x 1-1/4" GALV. STEEL STRAP WITH (20) 0.131" ϕ x 2-1/4" NAILS OR EQUAL (10) INTO RAFTERS AND (10) INTO STUD WALL

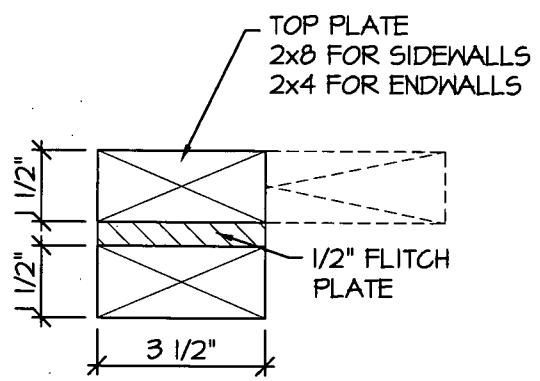
5
A-13 **20 GAGE STRAP DETAIL**
SCALE: 3" = 1'-0"



2
A-13 **HEADER SECTION**
SCALE: 3" = 1'-0"

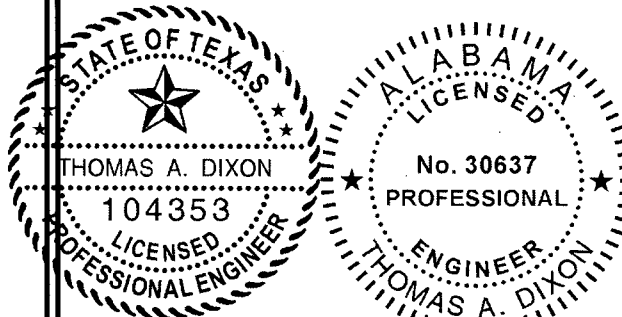


3
A-13 **HEADER SECTION**
SCALE: 3" = 1'-0"

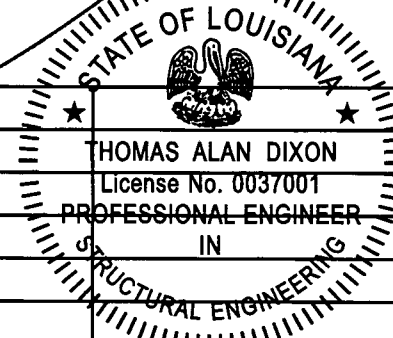
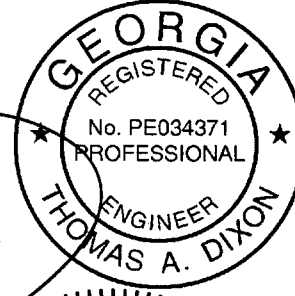


4
A-13 **HEADER SECTION**
SCALE: 3" = 1'-0"

AREA FOR APPROVAL STAMPS



[Handwritten Signature]
1/20/2014



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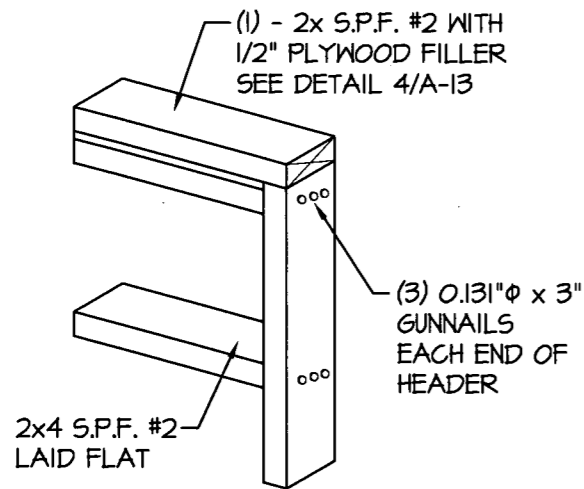
DETAILS

DATE: 5/01/12
DRAWN BY: JDA
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-057

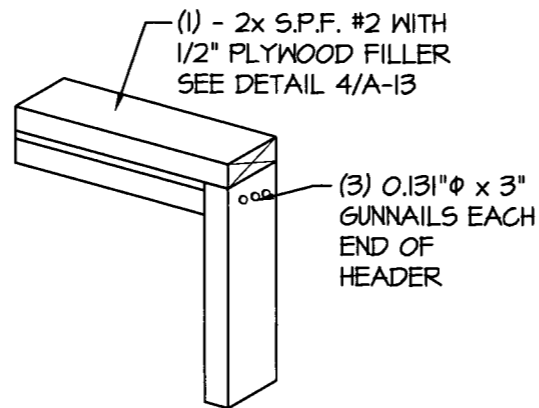
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DRAWN BY: JDA
CHECKED BY: TAD
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SHEET
A-13
19 OF 20

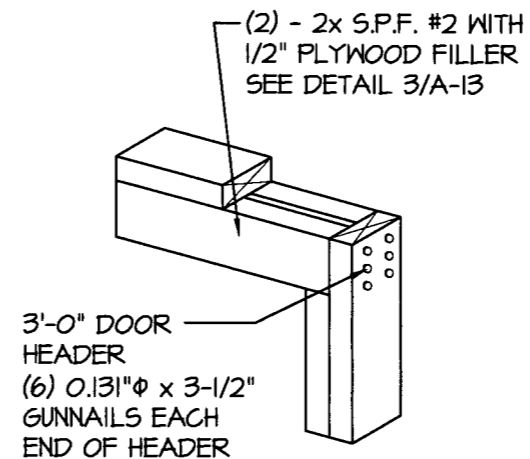
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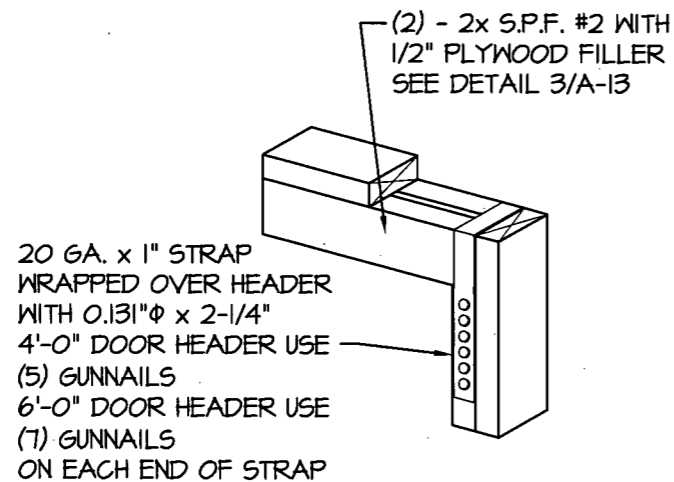
1
A-14
WINDOW HEADER AND SILL
DETAIL
SCALE: N.T.S.



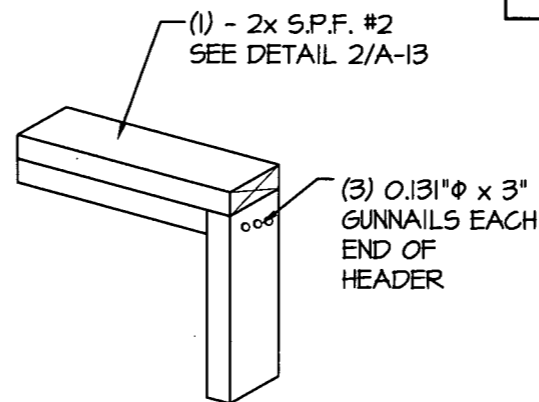
2
A-14
HEADER WITH OUT STRAP
DETAIL
SCALE: N.T.S.



3
A-14
HEADER WITH OUT STRAP
DETAIL
SCALE: N.T.S.



4
A-14
HEADER WITH STRAP
DETAIL
SCALE: N.T.S.



5
A-14
HEADER WITH OUT STRAP
DETAIL
SCALE: N.T.S.

NOTE:
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AREA FOR APPROVAL STAMPS

STATE OF TEXAS
THOMAS A. DIXON
104353
LICENSED PROFESSIONAL ENGINEER

ALABAMA
LICENSED
No. 30637
PROFESSIONAL ENGINEER
THOMAS A. DIXON

GEORGIA
REGISTERED
No. PE034371
PROFESSIONAL ENGINEER
THOMAS A. DIXON

STATE OF LOUISIANA
THOMAS ALAN DIXON
License No. 0037001
PROFESSIONAL ENGINEER
IN
STRUCTURAL ENGINEERING

1/20/12

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