COOK PORTABLE WAREHOUSES

100 DOUGLAS STREET VALDOSTA, GA 31601

STANDARD BARN SHED

FOR THE INTERNATIONAL BUILDING CODE

DESIGN CRITERIA

I.	WIND VELOCITY (V-ULT)	160 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

6. 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

IO. WALL DESIGN DEAD LOAD 3 PSF
II. CONSTRUCTION TYPE \$\overline{\text{Y}} B\$

12. BUILDING OCCUPANCY =

13. FIRE RATING EXT. WALLS
14. ALLOWABLE NUMBER OF FLOORS

15. THE CONTRACTOR/MANUFACTURER MUST COMPLY WITH THE FOLLOWING CODES AND ALL OF THERE AMENDMENTS/SUPPLEMENTS:

- INTERNATIONAL BUILDING CODE - 2012

SOUTH CAROLINA CO	DES
-INTERNATIONAL BUILDING CODE WITH STATE AMENDMENTS	- 2012

MISSISSIPPI CODES

-INTERNATIONAL BUILDING CODE - 2012 WITH STATE AMENDMENTS

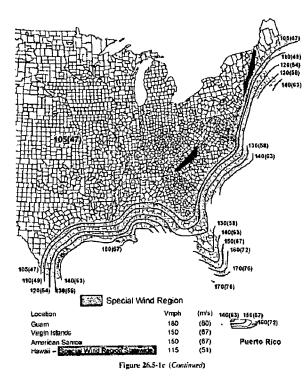
LOUISIANA CODES

-INTERNATIONAL BUILDING CODE - 20
WITH STATE AMENDMENTS

MISSISSIPPI PLANT 132 CENTRAL INDUSTRIAL ROW PERVIS, MISSISSIPPI 39475

> TEXAS PLANT 1398 HWY 95 NORTH BASTROP, TX 78602

<u>GEORGIA PLANT</u> 100 DOUGLAS STREET VALDOSTA, GEORGIA 31601



SHE	et list
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A-II	DETAILS
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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.

AREA FOR APPROVAL STAMPS





·			
REV	BY	DATE	DESCRIPTION
		-	

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING FOR A PRETE SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 M5# I9034 K5# 2II98 5C# 27592 NC# 035985 GA# 03437I WV# 07I936 TX# I04353 MA# 40905 PA# 079009 VA# 045593

TN# II276I FL# 34222

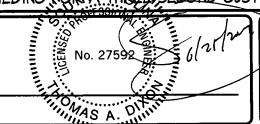
DIXON ENGINEERIN, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET

THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

COVER SHEET



DATE:	2/23/12
DRAWN BY:	JDA
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-059



BUILDING DATA

ROOF ANGLE, @ (degrees

		ROOF				_	WALLS	1
ZONE	AREA (ft²)	DESI	GN PRESSUR	Œ (psf)	ZONE	AREA (R*)	DES	GN PRESSURE (psf
		Positive	Negative	Net Uplift		L	Positive	Negative
1	10	32.1	-50.9	-43.9	4	10	55.8	-60.5
1	20	29.3	-49.6	-42.6	4	20	53.2	-58.0
1	50	25.5	-47.7	-40.7	4	50	49.6	-54.6
1	100	22.6	-46.2	-39.2	4	100	47.4	-52.2
2	10	32.1	-88.8	-81.8	4	500	41.5	-46.2
2	20	29.3	-81.7	-74.7	5	10	55.8	-74.7
2	50	25.5	-72.2	-65.2	5	20	53.2	-69.6
2	100	22.6	-65.2	-58.2	5	50	49.9	-62.9
3	10	32.1	-131.3	-124.3	5	100	47.4	-58.0
3	20	29.3	-122.7	-115.7	5	500	41.5	-46.2
3	50	25.5	-111.4	-104.4]		
3	100	22.6	-103.0	-96.0				

- Plus and minus signs signify pressures acting toward and away from th
 Pressures shown are applied normal to the surface

- Refer to pressure zone diagrams provided for corresponding zones.

 5. Roof framing members shall be designed to resist the net uplit design pressures specified.

 6. Roof coverings, finishes, etc. shall be designed for the full negative design pressure.

 7. Design pressures shown shall be multiplied by its appropriate load case factor from article 2.4.1 of ASCE 7-10

WIND LOADS -MWFRS METHOD 2 ENCLOSED BUILDINGS H & 64

BASIC WIND	ROOF	CLE LUNCO	ZONES							
SPEED	ANGLE		HORIZONTAL PRESSURES			VERTICAL PRESSURES				
(mph)	(DEGREES)	CASE	Α	В	С	D	E	F	G	н
	0-5	1	49.1	-25.5	32.5	-15.1	-59.0	-33.5	-41.1	-26.0
	10	1	55.4	-23.0	36.8	-13.4	-59.0	-36.1	-41.1	-27.7
	15	1	61.7	-20.4	41.1	-11.6	-59.0	-38.6	-41.1	-29.4
160	20	1	68.0	-17.9	45.4	-9.9	-59.0	-41.1	-41.1	-31.2
100	25	1	61.6	9.9	44.6	10.2	-27.3	-37.3	-19.8	-30.0
	25	2	0.0	0.0	0.0	0.0	-10.4	-20.3	-2.8	-12.9
	30 to 45	1	55.3	37.8	43.9	30.3	4.2	-33.5	1.5	-28.8
	30 to 45	2	55.3	37.8	43.9	30.3	21.3	-16.6	18.4	-11.9

- For energies areas bothween cross given above the load may be interpolated, otherwise the associated with the lower effective area.
 The load patterns shown shall be applied to each corner of the building in turn as the refe
 For the design of the Case B MWFRS use Θ = 09.
- A Plus and minus signs signify pressures acting toward and away from the projected surfaces, repectively.

 5. Where zone E or G falls on a roof overhang on the windward side of the building, use E_{CH} and G_{CH} for the pressure on the hort projection of the overhang. Overhangs on the leeward and side edges shall have the basic zone pressure applied.

AREA FOR APPROVAL STAMPS





DEC DY DATE DECEMBRICAL				<i></i>
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REV DI DATE DESCRIPTION	REV	BY	DATE	DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROWLANDERS, SEGOND GUST OF 160 MPH.

THOMAS A. DIXON,

AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593

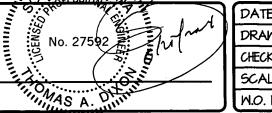
TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

WIND LOADING



1	DATE:	2/23/12
/	DRAWN BY:	JDA
	CHECKED BY:	TAD
	SCALE:	AS NOTED
	W.O. NO:	495-059

SHEET 2 OF 18

GENERAL NOTES

THIS STRUCTURE WAS DESIGNED IN IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING (I.B.C.)

ALL MATERIALS AND LABOR SHALL BE IN ACCORDANCE WITH THE ABOVE CODE AND ALL OTHER APPLICABLE LOCAL CODES AT THE TIME OF MANUFACTURE. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.

THE FOUNDATION PLAN IS A SEPARATE SET OF PLANS FOR APPROVAL BY LOCAL MUNICIPALITIES.

EXTERIOR DIMENSIONS CAN VARY BETWEEN LIMITS SHOWN AT 2' O.C. BUT MEMBER SPACING SHALL NOT EXCEED LIMITS AS INDICATED.

ALL THE FOLLOWING LUMBER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA USE CATEGORY UC4B (GROUND CONTACT, HEAVY DUTY): SKIDS 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.
ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED (GI85) OR STAINLESS STEEL.

ALL WINDOWS WITHIN 24" OF DOORS, AND ALL GLASS IN DOORS SHALL BE SAFETY, TEMPERED, OR ACRYLIC PLASTIC SHEET.

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 SECTION 1507.2.8 OF THE 2012 I.B.C.

UNDERLAYMENT SHALL CONFORM WITH SECTION 1507.2.3 OF THE 2012 I.B.C.

ASPHALT SHINGLES SHALL CONFORM WITH SECTION 1507.2.5 OF THE 2012 I.B.C. ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH 1507.2.7 OF THE 2012 I.B.C.

FASTENERS FOR ASPHALT SHINGLES SHALL CONFORM TO SECTION 1507.2.6 OF THE 2012 I.B.C.

TIE-DOWNS SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES.

THESE PLANS HAVE NOT BEEN DESIGNED FOR HVHZ REQUIREMENTS AS SET FORTH IN THE 2012 I.B.C OR FOR USE AS A COMMERCIAL BUILDING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY AND PLACEMENT OF LAWN STORAGE UNIT TO INSURE THE INTEGRITY OF THE BUILDING AND ITS COMPONENT PARTS.

NO FIELD REVISIONS TO ANY STRUCTURAL COMPONENTS OR DEVIATIONS FROM THESE DRAWINGS SHALL BE MADE.

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.

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.

REFER TO SUPPLIED FASTENING SCHEDULE FOR FASTENING BASED ON CONNECTION AND LOCATION OF MEMBERS AS PER 2012 INTERNATIONAL BUILDING CODE TABLE 2304.9.1 UNLESS NOTED OTHERWISE.

BUILDINGS HAVE BEEN DESIGNED FOR LP SMARTSIDE PRECISION PANEL SIDING, LP SMARTSIDE PRECISION LAP SIDING SHALL NOT BE USED.

UNLESS NOTED OTHERWISE, ATTACH ALL MANUFACTURED PRODUCTS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

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.

REFER TO THE ICC-ES EVALUATION REPORT ESR-1301 FOR ADDITIONAL DATA AND SPECIFICATIONS OF LP SMARTSIDE PRECISION PANEL SIDING.

MAX OPENINGS WIDTHS MUST COMPLY WITH DESIGN RATIOS AS PER ANSI/AF&PA SDPWS-2008. BUILDINGS HAVE BEEN DESIGNED TO HAVE ONLY OPENINGS WITH MAX WIDTHS IN ENDWALL EQUAL TO THOSE IN THE ENDWALL SHEAR WALL CHART.

AS PER SECTION 553.77(IO)(h), INTERNATIONAL STATUTES, STORAGE SHEDS THAT ARE NOT DESIGNED FOR HUMAN HABITATION AND THAT HAVE A FLOOR AREA OF 720 SQUARE FEET OR LESS ARE NOT REQUIRED TO COMPLY WITH THE MANDATORY WIND-BORNE-DEBRIS-IMPACT STANDARDS OF THE INTERNATIONAL BUILDING CODE. IN ADDITION, SUCH BUILDINGS THAT ARE 400 SQUARE FEET OR LESS AND THAT ARE INTENDED FOR USE IN CONJUNCTION WITH ONE-AND-TWO-FAMILY RESIDENCES ARE NOT SUBJECT TO THE DOOR HEIGHT AND WIDTH REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

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.

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.

- I. 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.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROPELS SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 M5# 19034 K5# 21198 5C# 27592 NC# 035985 GA# 034371 NV# 071936 TX# 104353 MA# 40905

PA# 079009 VA# 045593

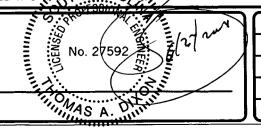
TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

NOTES



DATE:	2/23/12	
DRAWN BY:	JDA	
CHECKED BY:	TAD	
SCALE:	AS NOTED	
W.O. NO:	495-059	

CB

BY

REV

3/22/12

DATE

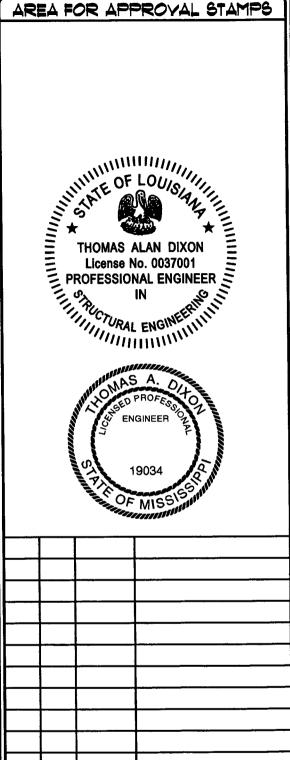
SHEET

C-3

3 OF 18

CHANGE NOTE REFERENCE

DESCRIPTION



F,	astening schedule	
CONNECTION	FASTENING ^{a, k}	LOCATION
I. 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" × 0.131") 2 - 3" × 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" NAIL5 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	TOENAIL
	2 - 16d COMMON (3 1/2" x 0.162") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	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.	TYPICAL FACE NAIL
	8 - 16d COMMON (3 1/2" x 0.162") 12 - 3" x 0.131" NAILS 12 - 3" 14 GAGE STAPLES	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
IO. 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
II. 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. CONTINUOS HEADER (2) PIECES	16d COMMON (3 1/2" x 0.162")	16" O.C. ALONG EDGE

REV BY DATE
SECOND GUST OF 160 MPH.

DATE: 2/23/12
DRAWN BY: JDA

MAS A. DIN

ENGINEER OF MIS DESCRIPTION

AREA FOR APPROVAL STAMPS

(CONTINUED)

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROBERS SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 M6# 19034 K5# 21198 SC# 27592 NC# 035985 GA# 034371 NV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593 TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

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FASTENING SCHEDULE

П	DATE:	2/23/12	l
١	DRAWN BY:	JDA	l
И	CHECKED BY:	TAD	
I	SCALE:	AS NOTED	
	W.O. NO:	495-059	

SHEET

C-4

4 OF 18

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. CONTINUOS 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. I" 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.	
IBA. 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.	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES	
	2 - 20d COMMON (4" x 0.192") 3 - 3" x 0.131" NAIL 3 - 3" 14 GAGE STAPLE	FACE NAIL AT ENDS AND AT EACH SPLICE	
19. COLLAR TIE TO RAFTER	3 - IOd COMMON (3" x 0.148") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES		
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)

AREA FOR APPROVAL STAMPS ENGINEER OF MIS REV BY DATE DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROPAYCAMBLE, SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

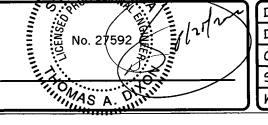
AL# 30637 M5# 19034 K5# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593 TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

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FASTENING SCHEDULE (CONT.)



	DATE:	2/23/12	
١	DRAWN BY:	JDA	l
I	CHECKED BY:	TAD	l
l	SCALE:	AS NOTED	
	W.O. NO:	495-059	

SHEET

C-5

5 OF 18

FASTENING SCHEDULE			
CONNECTION	CONNECTION FASTENING ^{a, k}		
22. WOOD STRUCTURAL PANELS AND PARTICLEBOARD ^b SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	I/2" AND LESS	6d ^{c, j} 2 3/8" × 0.113" NAIL ¹ 1 3/4" 16 GAGE ^m	
	15/32" TO 19/32"	8d COMMON (ROOFS IN 110-140 $V_{\rm cod}$ MPH EXP "B")	6 INCL OC EDGES AND
SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	19/32" TO 3/4"	8d ^d OR 6d ^e 2 3/8" × O.II3" NAIL ⁿ 2" 16 GAGE ⁿ	6 INCH O.C. EDGES AND INTERMEDIATE, 4" O.C. AT COMPONENT AND CLADDING EDGE STRIP # ZONE 3
	7/8" TO 1"	8d ^c	[REFER TO FIGURE 30.5-1 OF
	1 1/8" TO 1 1/4"	10d ^d OR 8d ^e	ASCE 7]
	3/4" AND LESS	6d ^e	
	7/8" TO 1"	8d°	
	1 1/8" TO 1 1/4"	10d ^d OR 8d ^e	
23. PANEL SIDING (TO FRAMING)	1/2" OR LESS 5/8"	6d [†] 8d [†]	
24. FIBERBOARD SHEATHING ⁹	1/2"	NO. II GAGE ROOFING NAIL ^h 6d COMMON NAIL (2" x O.II3") NO 16 GAGE STAPLE ^I	
	25/32"	NO. II GAGE ROOFING NAIL ^h 8d COMMON NAIL (2 1/2" x 0.131") NO 16 GAGE STAPLE ^I	

COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.

NAILS SPACED AT 6" O.C. AT EDGES, 12" AT INTERMEDIATE SUPPORTS EXCEPT 6" AT SUPPORTS WHERE SPANS AR 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305 I.B.C.. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.

COMMON OR DEFORMED SHANK (6d - 2" x 0.113": 8d - 2 1/2" x 0.131": 10d 3" x 0.146").

COMMON (6d - 2" x 0.113"; 8d - 2 1/2" x 0.131"; 10d 3" x 0.148").

DEFORMED SHANK (6d - 2" x 0.113"; 8d - 2 1/2" x 0.131"; 10d 3" x 0.148").

CORROSION-RESISTANT SIDING (6d - 1 7/8" x 0.106"; 8d 2 3/8" x 0.128") OR CASING (6d2" x 0.099"; 8d 2 1/2" x 0.113") NAIL.

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.

CORROSION-RESISTANT ROOFING NAILS WITH 7/16" DIAMETER HEAD AND 1 1/2" LENGTH FOR 1/2" SHEATHING AND 1 3/4" LENGTH FOR 25/3" SHEATHING

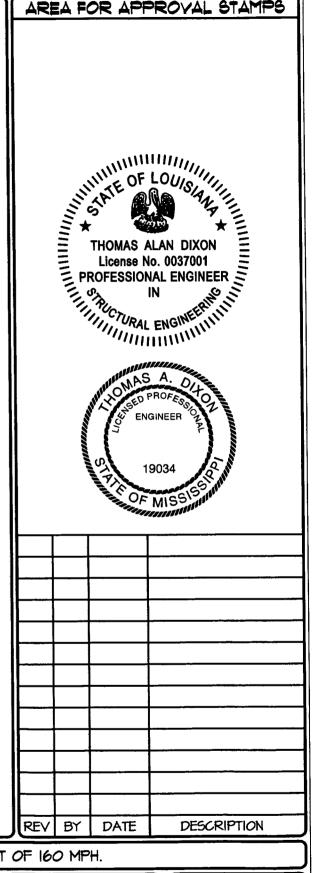
CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16" CROWN OR I" CROWN AND I 1/4" LENGTH FOR 1/2" SHEATHING AND I 1/2" LENGTH FOR 25/32" SHEATHING. PANEL SUPPORTS AT 16" (20" IF STRENGTH AXIS IS THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).

FOR ROOF SHEATHING APPLICATIONS, 8d NAILS (2 1/2" x 0.113") ARE THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.

FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4" O.C. AT EDGES, 8" O.C. AT INTERMEDIATE SUPPORTS.

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.

FASTENERS SPACED 4" O.C. AT EDGES, 8" AT INTERMEDIATE SUPPORTS.



THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROWN APPREES, SECOND/GUST OF 160 MPH.	1PH.
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THOMAS A. DIXON, P.E.

AL# 30637 M6# 19034 K5# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593

TN# 112761 FL# 34222

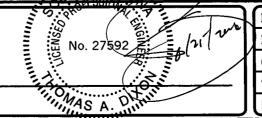
DIXON ENGINEERIN, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 IO410 MAIN STREET THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306

STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16".

COOK PORTABLE WAREHOUSES

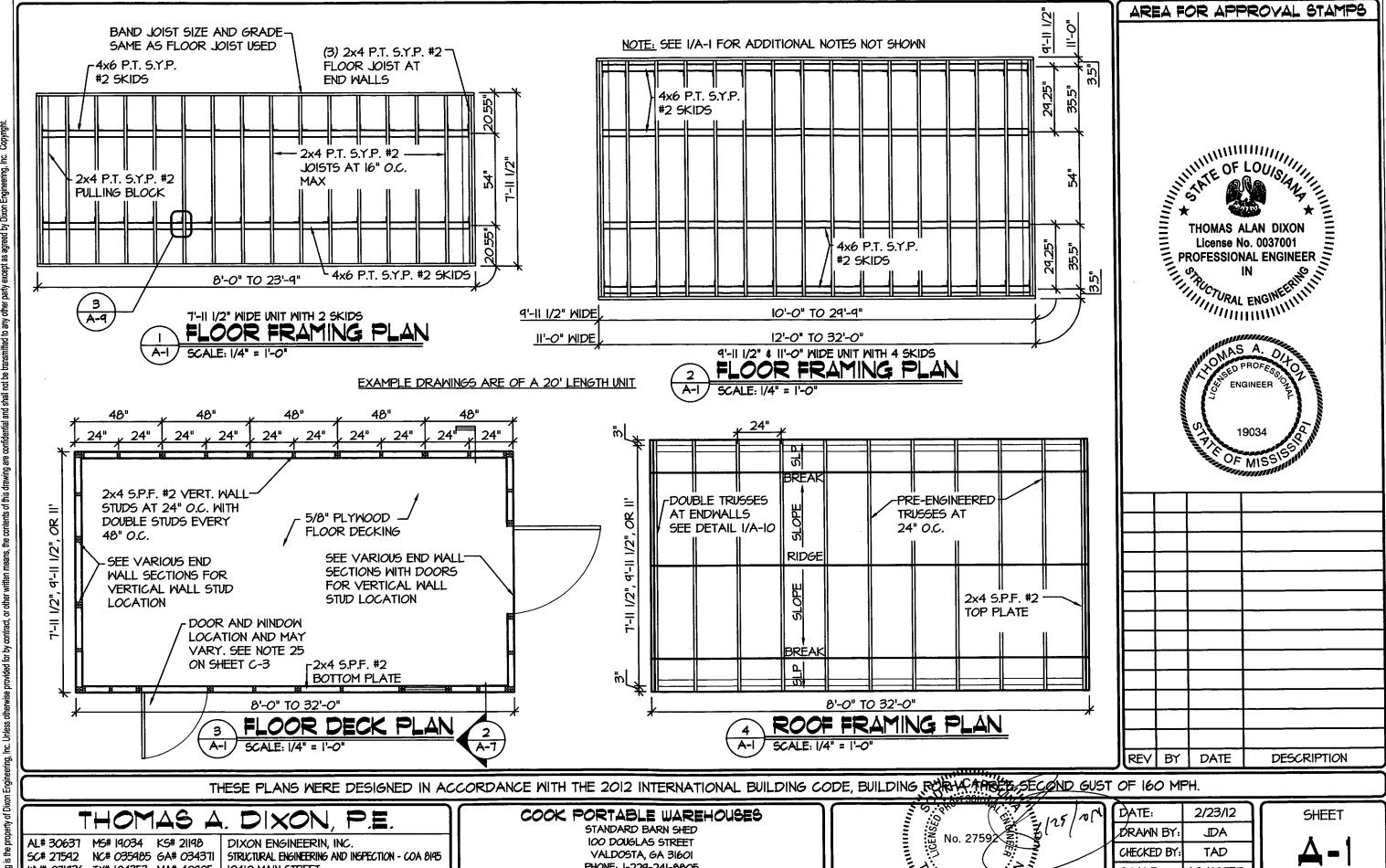
STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

FASTENING SCHEDULE (CONT.)



1	DATE:	2/23/12
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	CHECKED BY:	TAD
	SCALE:	AS NOTED
	W.O. NO:	495-059





PHONE: 1-229-241-8805

FLOOR DECK AND FRAMING PLANS

SCALE:

W.O. NO:

MAS A.

AS NOTED

495-059

7 OF 18

WV# 071936 TX# 104353 MA# 40905

PA# 079009 VA# 045593

TN# II276I FL# 34222

10410 MAIN STREET

THONOTOSASSA, FL 33592

	OPENING WIDTHS IN ENDWALL	MAX LENGTH OF BUILDING				
BUILDING		19/32" TI-II ^I	19/32" PANEL ¹³ OUTSIDE WITH 7/16" OSB ² ON INTERIOR OF WALL	19/32" LP SMARTPANEL ³	19/32" LP SMART- PANEL ⁴	
	NONE	23'-10"		23'-10"	23'-10"	
7'-11 1/2"	3'-0" MAX	23'-10"	23'-10"	23'-10"	23'-10"	
	4'-0"	23'-10"		21'-11"	23'-10"	
	NONE	29'-10"		29'-10"	29'-10"	
	3'-0" MAX	29'-10"		29'-10"	29'-10"	
9'-11 1/2"	4'-0"	29'-10"	29'-10"	29'-10"	29'-10"	
	6'-0"	29'-10"		21'-11"	27'-10"	
	7'-0"	25'-9"		16'-4"	20'-10"	
	NONE	32'-0"		32'-0"	32'-0"	
	4'-0" MAX	32'-0"	321 01	32'-0"	32'-0"	
	6'-O"	32'-0"	32'-0"	27'-9"	32'-0"	
	7'-0"	32'-0"		22'-3"	28'-3"	

NOTES:

- . 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 THOMAS ALAN DIXON
License No. 0037001
PROFESSIONAL ENGINEER
IN
PROFESSIONAL ENGINEER CB 3/22/12 CHANGE NOTE DETAILS

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING FOR A PRESE SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 NV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593

TN# II276I FL# 34222

SHEARWALL

A-2/

TABLE

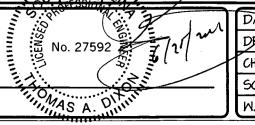
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DIXON ENGINEERIN, INC. STRICTURAL ENGINEERING AND INSPECTION - COA 8195 IO4IO MAIN STREET THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

SHEAR WALL TABLE



DATE:	2/23/12
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SCALE:	AS NOTED
W.O. NO:	495-059

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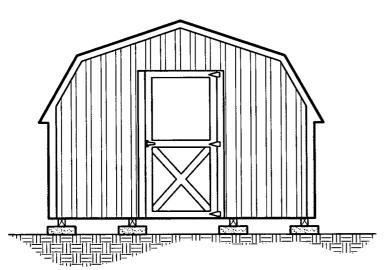
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DESCRIPTION

8 OF 18

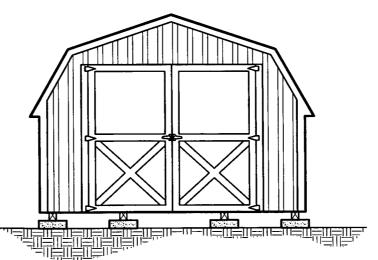
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ring, Inc.



EXAMPLE DRAWING IS OF A II' WIDE UNIT W/ 3'-O" DOOR





EXAMPLE DRAWING IS OF A II'

AREA FOR APPROVAL STAMPS STATE OF LOUISIAN IN THOMAS ALAN DIXON
License No. 0037001
PROFESSIONAL ENGINEER
IN
IN
INITIALITY
INITIALITY REV BY DATE DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROPELS SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 NV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593

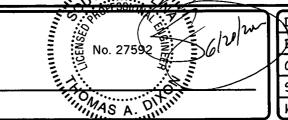
TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

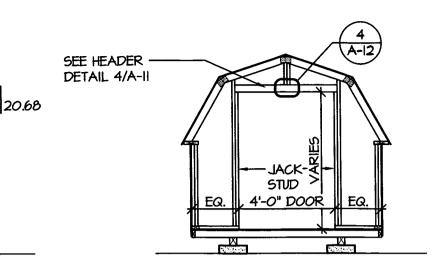
STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

EXTERIOR ELEVATIONS



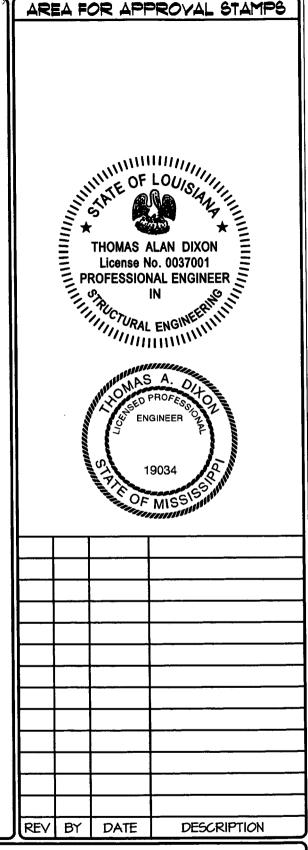
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W.O. NO:	495-059	Ц

SHEET **A-3**9 OF 18



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

FOR ALL NOTES NOT SHOWN SEE SHEET A-I - A-3



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

<u>|12</u> |15.14

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROPEY SECOND GUST OF 160 MPH.

THOMAS P.E.

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

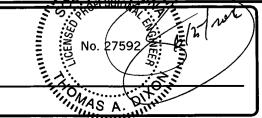
DIXON ENGINEERIN, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33592

VOICE: 813-482-4885 FAX: 813-482-2306

COOK PORTABLE WAREHOUSES

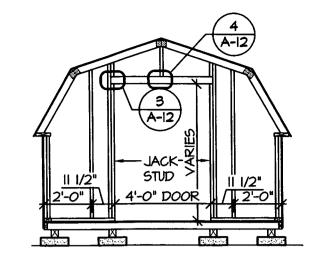
STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

FRAMING ELEVATIONS



DATE:	2/23/12
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SCALE:	AS NOTED
W.O. NO:	495-059

SHEET 10 OF



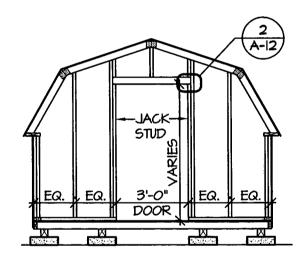
9'-11 1/2" SHED ENDWALL WITH NO OPENING FRAMING ELEVATION

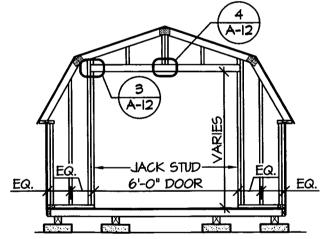
SCALE: 1/4" = 1'-0'

9'-11 1/2" SHED ENDWALL WITH 4' DOOR OPENING FRAMING ELEVATION

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

FOR ALL NOTES NOT SHOWN SEE SHEET A-I - A-4





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

9'-11 1/2" SHED ENDWALL WITH 3' DOOR OPENING FRAMING ELEVATION

9'-11 1/2" SHED ENDWALL WITH 4' DOOR OPENING FRAMING ELEVATION

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

ENGINEER REV BY DATE DESCRIPTION

AREA FOR APPROVAL STAMPS

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROPER SECOND GUST OF 160 MPH.

THOMAS DIXON PE

AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593

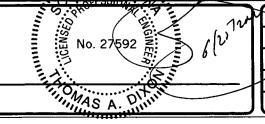
TN# 112761 FL# 34222

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

COOK PORTABLE WAREHOUSES

STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

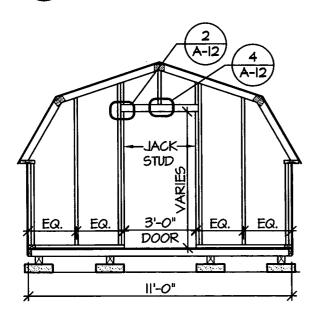
FRAMING ELEVATIONS



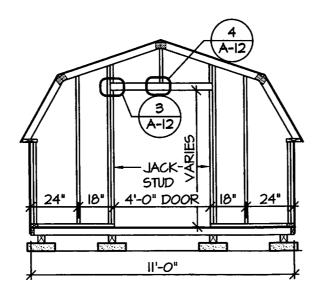
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1	SCALE:	AS NOTED
	W.O. NO:	495-059

SHEET 11 OF 18

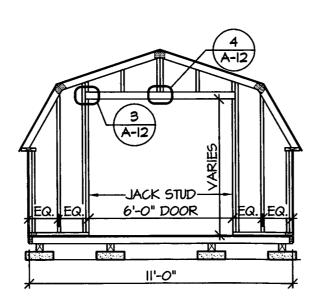
II'-O" SHED ENDWALL WITH NO OPENING FRAMING ELEVATION SCALE: 1/4" = 1'-0"



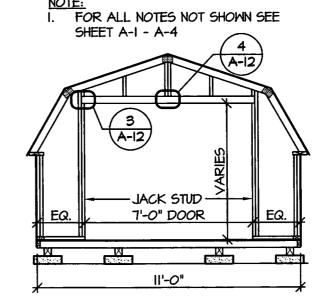
II'-O" SHED ENDWALL WITH 3' DOOR OPENING FRAMING ELEVATION SCALE: 1/4" = 1'-0'



II'-O" SHED ENDWALL WITH 4' DOOR OPENING FRAMING ELEVATION SCALE: 1/4" = 1'-0'



II'-O" SHED ENDWALL WITH 4' DOOR OPENING FRAMING ELEVATION SCALE: 1/4" = 1'-0'



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

OF MIS

AREA FOR APPROVAL STAMPS

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE, BUILDING ROWAL AREA SECOND GUST OF 160 MPH.

THOMAS A. DIXON PE

AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MA# 40905

PA# 079009 VA# 045593 TN# 112761 FL# 34222

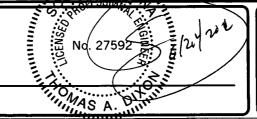
DIXON ENGINEERIN, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195

10410 MAIN STREET THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

STANDARD BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

FRAMING ELEVATIONS



1	DATE:	2/23/12
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	SCALE:	AS NOTED
	W.O. NO:	495-059

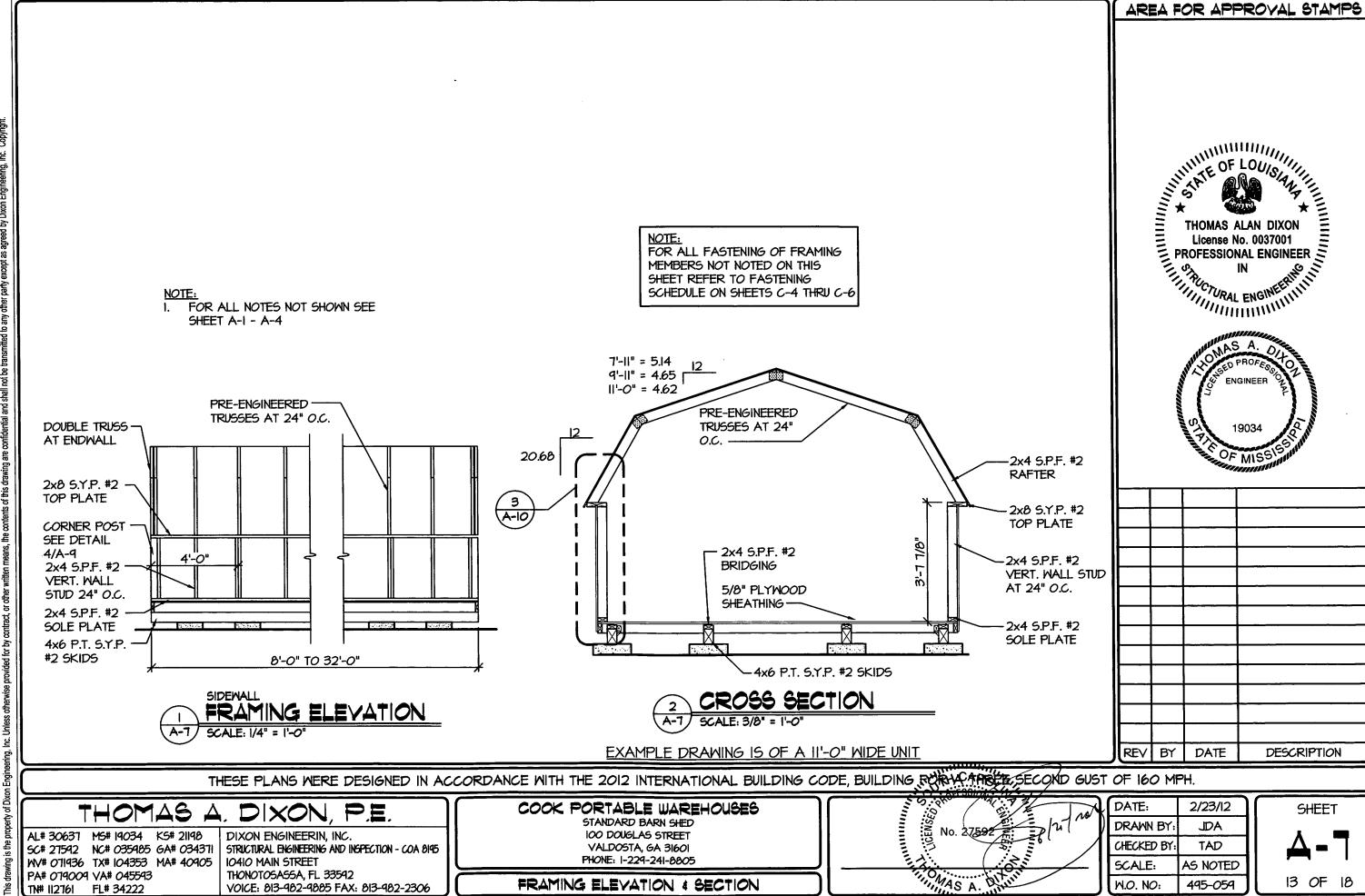
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12 OF 18



FRAMING ELEVATION & SECTION

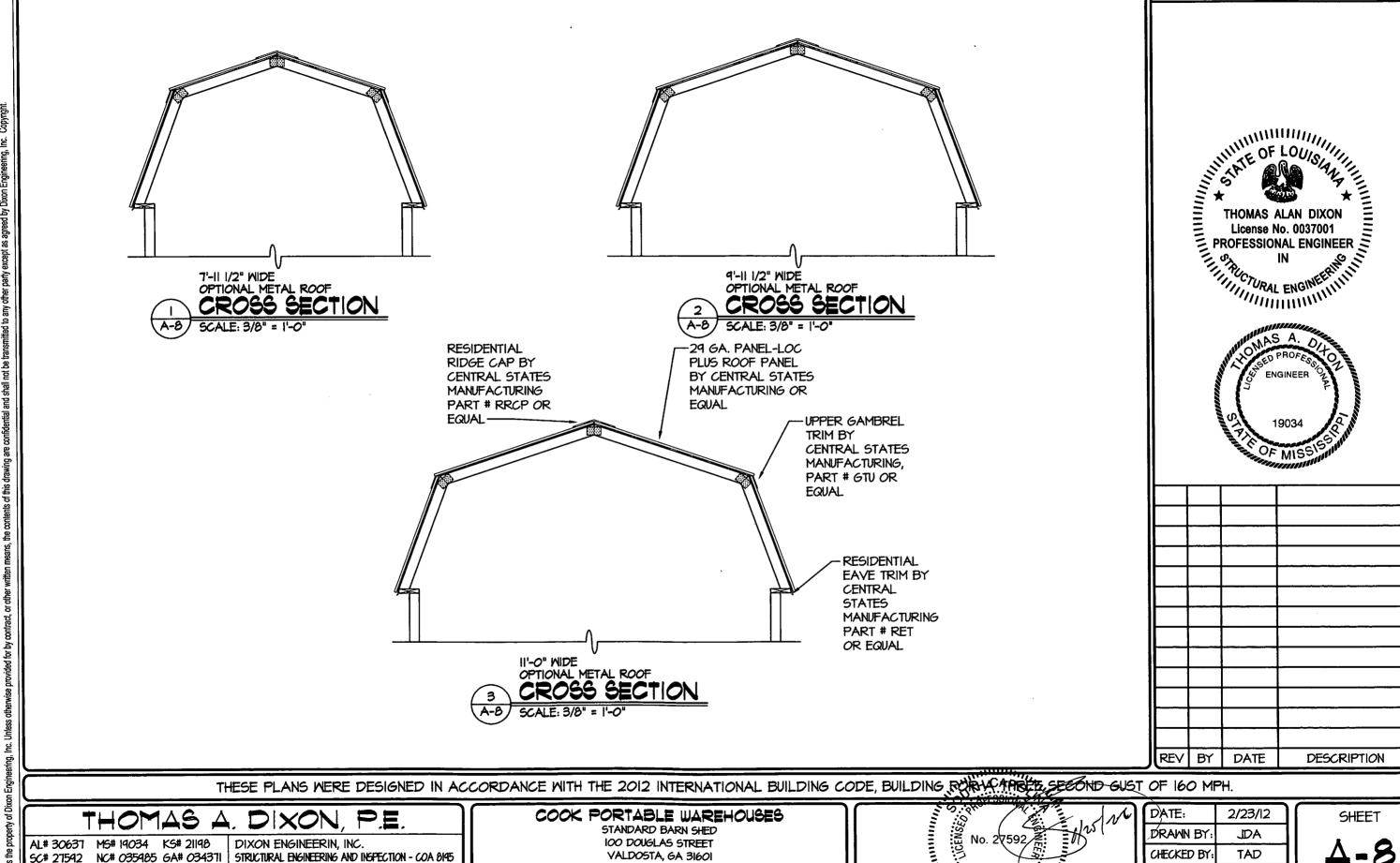
VOICE: 813-982-9885 FAX: 813-982-2306

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W.O. NO:

495-059

TN# II276I FL# 34222



PHONE: 1-229-241-8805

ROOF SECTIONS

AREA FOR APPROVAL STAMPS

SCALE:

W.O. NO:

MAS A. D.

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495-059

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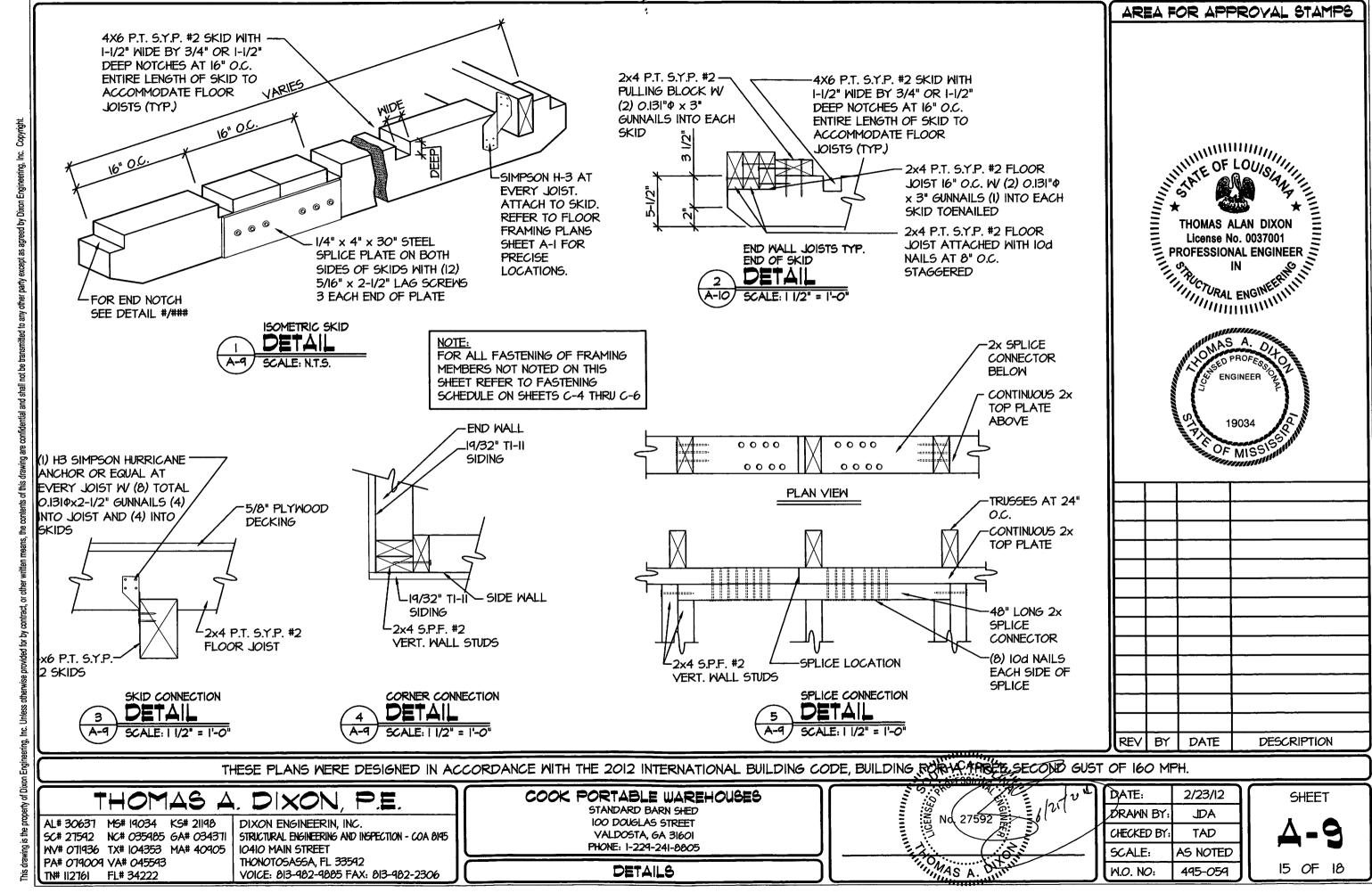
WV# 071936 TX# 104353 MA# 40905

PA# 079009 VA# 045593

TN# 112761 FL# 34222

10410 MAIN STREET

THONOTOSASSA, FL 33592



DETAILS

15 OF 18

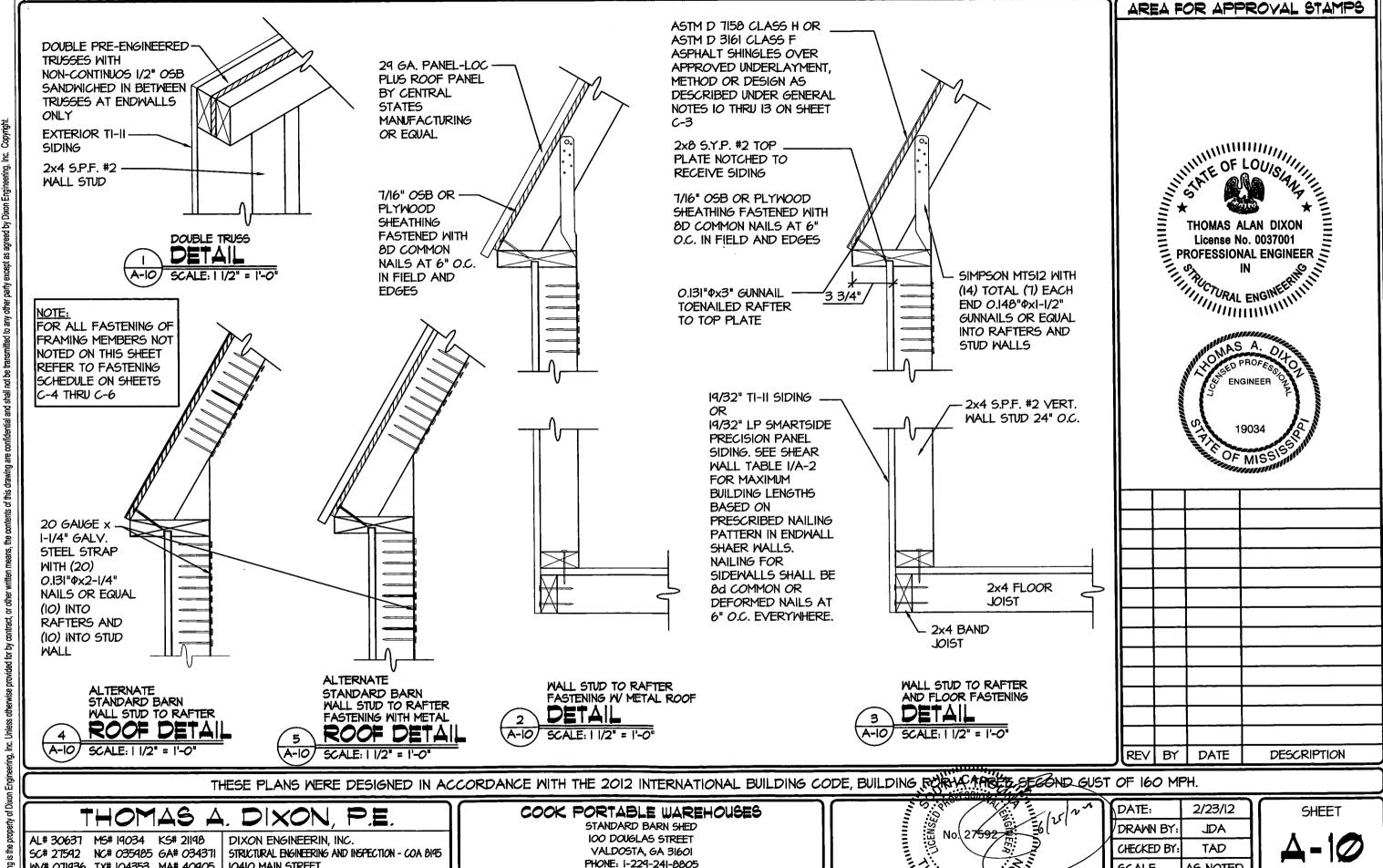
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495-059

PA# 079009 VA# 045593

TN# II2761 FL# 34222

THONOTOSASSA, FL 33592



DETAILS

SCALE:

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MAS A.

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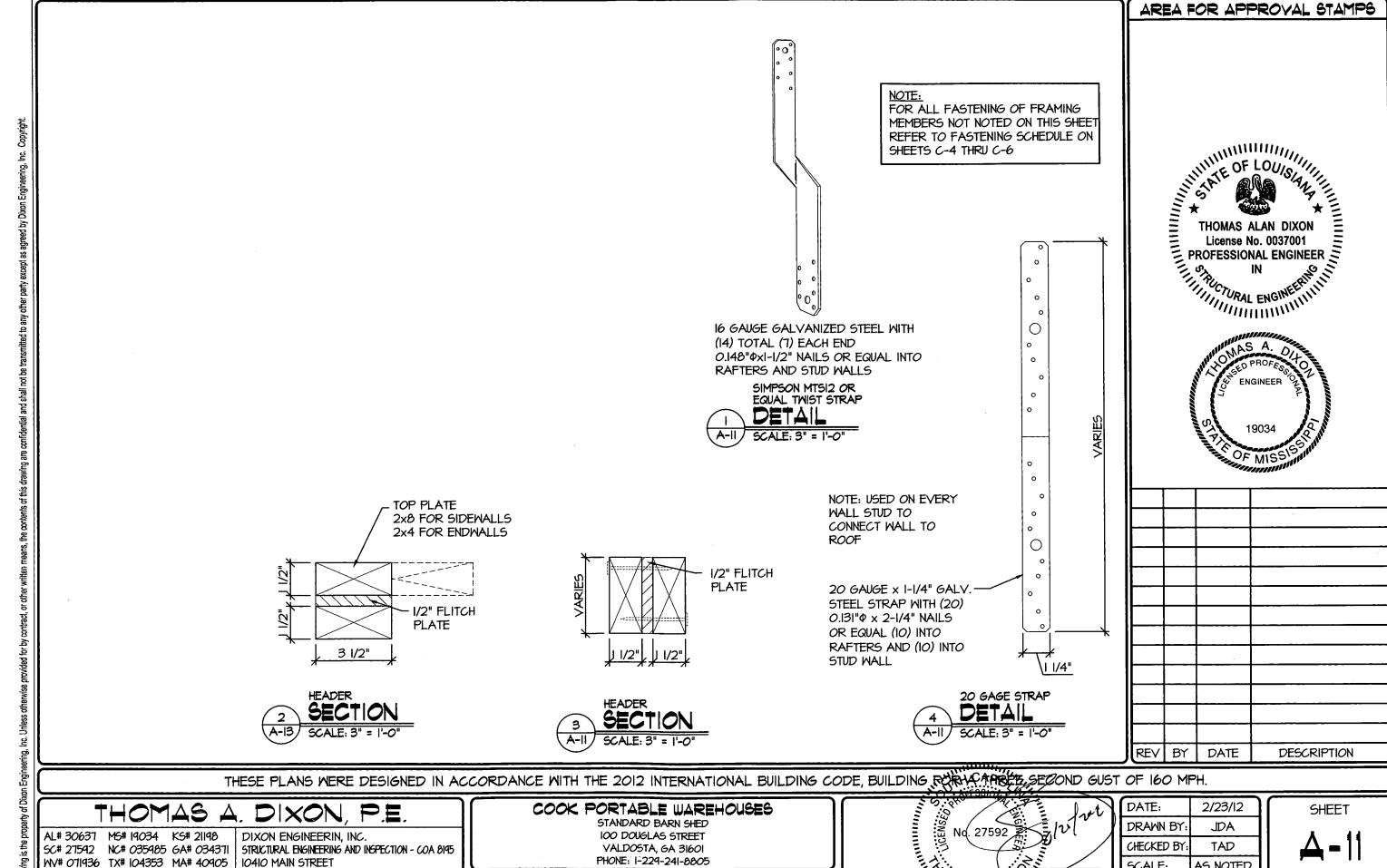
WV# 071936 TX# 104353 MA# 40905

PA# 079009 VA# 045593

TN# 112761 FL# 34222

10410 MAIN STREET

THONOTOSASSA. FL. 33592



DETAILS

SCALE:

W.O. NO:

MAS A. O.

AS NOTED

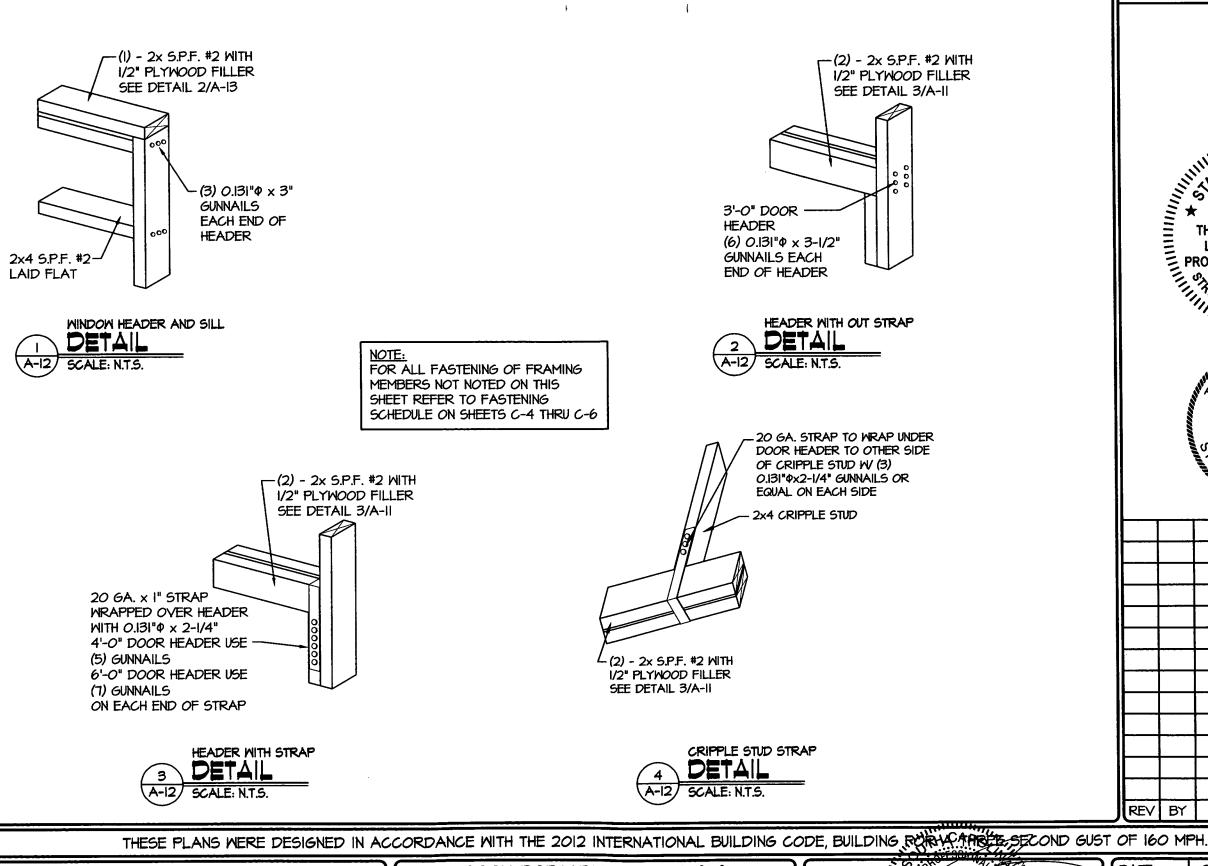
495-059

17 OF 18

PA# 079009 VA# 045593

TN# II276I FL# 34222

THONOTOSASSA, FL 33592



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THOMAS A. DIXON,

AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MA# 40905 PA# 079009 VA# 045593

TN# |1276| FL# 34222

DIXON ENGINEERIN, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8145 10410 MAIN STREET THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

STANDARD BARN SHED 100 DOUGLAS STREET **VALDOSTA, GA 31601** PHONE: 1-229-241-8805

DETAILS



DATE:	2/23/12
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CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-059

DATE

AREA FOR APPROVAL STAMPS

OF MIS

SHEET 18 OF 18

DESCRIPTION