COOK PORTABLE WAREHOUSES

100 DOUGLAS STREET VALDOSTA, GA 31601

GARDEN SHED

FOR THE INTERNATIONAL BUILDING CODE

DESIGN CRITERIA

I. WIND VELOCITY

2. BUILDING CATEGORY

3. WIND EXPOSURE

4. INT. PRESSURE COEFFICIENT

5. ENCLOSURE CLASSIFICATION

6. BASED ON HEIGHT

7. OVERHANG

8. FLOOR DESIGN LIVE LOAD

FLOOR DESIGN DEAD LOAD

160 M.P.H.

1 0 1.60 M.P.H.

1 0.18 ENCLOSED

ENCLOSED

NO

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

II LOFT UNINHABITABLE LIVE LOAD 20 PSF

12. SNOW LOAD N/A PSF

13. CONSTRUCTION TYPE

☑ B

14. BUILDING OCCUPANCY: U

15. FIRE RATING EXT. WALLS N/A

16. ALLOWABLE NUMBER OF FLOORS

I7. THE CONTRACTOR/MANUFACTURER MUST COMPLY WITH THE FOLLOWING CODES AND ALL OF THERE AMENDMENTS/SUPPLEMENTS:

- INTERNATIONAL BUILDING CODE - 2015

- NATIONAL ELECTRIC CODE - 2014

- NFPA IOI LIFE SAFTEY CODE - 2015

ALABAMA CODES

-INTERNATIONAL BUILDING CODE - 2015
WITH STATE AMENDMENTS

105(47)					
110(40) 140(63)	<u> </u>				
120(54) 130(58)	170(76	;			
Special Wind f					
ಓರಾ ರ್ಣ	Vmph (m's) 1486	3) 150(67)			
Stam	180 (83) \$	راماره (150/72) (الأحراب			
Virgin Islands	150 (67)				
American Sanica	15C (67)	Puerto Rico			
Hawaii - Special Wind Region Statewide	115 (51)				
Figure 265-1c (Continued)					

SHEET LIST				
SHEET NUMBER	SHEET TITLE			
C-I	COVER SHEET			
C-2	WIND LOADING			
C-3	NOTES			
C-4	FASTENING SCHEDULE			
C-5	FASTENING SCHEDULE			
C-6	FASTENING SCHEDULE			
A-I	FLOOR DECK & FRAMING PLANS			
A-2	SHEARWALL TABLE			
A-3	EXTERIOR ELEVATIONS			
A-4	FRAMING ELEVATIONS			
A-5	FRAMING ELEVATIONS			
A-6	FRAMING ELEVATIONS			
A-7	SECTION & DETAIL			
A-8	ROOF SECTIONS			
A-9	DETAILS			
A-IO	DETAILS			
A-II	DETAILS			
A-I2	DETAIL5			
F-I	ANCHORING GENERAL NOTES			
F-2	EXP. "B" WIND CHARTS			
F-3	EXP. "C" WIND CHARTS			
F-4	EXP. "B" ANCHOR CHARTS			
F-5	EXP. "C" ANCHOR CHARTS			
F-6	GROUND ANCHOR SCHEDULE			
F-7	ANCHORING DETAILS			
F-8	OPTIONAL PAD DETAILS			

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		<u> </u>	

AREA FOR APPROVAL STAMPS

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR BY THREE SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30631 MS# I9034 KS# 2II98 5C# 27592 NC# 035985 GA# 03437I WV# 071936 TX# I04353 MD# 40905 PA# 079009 VA# 045593

TN# ||276| FL# 34222

DIXON ENGINEERING, INC.
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COOK PORTABLE WAREHOUSES

GARDEN SHED IOO DOUGLAS STREET VALDOSTA, GA 31601-PHONE: 1-229-241-8805

COVER SHEET



/		
	DATE:	3/30/17
	DRAWN BY:	CNO
	CHECKED BY:	TAD
	SCALE:	AS NOTED
	W.O. NO:	495-077



This drawing is the property of Dixon Engineering, Inc. Unless otherwise provided for by

BUILDING DATA ASCE 7-10 WIND

WIND EXPOSURE CATEGORY

WIND VELOCITY VULT INTERNAL PRESSURE COEFFICEIT WIND VELOCITY VASD (ENCLOSED BUILDING ASCE 7-10)

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT 1.21 (TABLE 1.5-1 ASCE 7-10) ROOF DEAD LOAD RESISTING UPLIFT (psf)

ROOF ANGLE, & (DEGREES) 7-27 degrees MEAN ROOF HEIGHT

DESIGN WIND LOADS - WINDOWS, DOORS, COMPONENTS AND CLADDING

ROOF				WALLS					ROOF OVERHANG			
ZONE		DES	CN PRESSURE;	(pst)			DESIGN PRESSURE (part)		1		T	DESIGN
ZUNE	AREA (11)	Positive	Nagative	Net Uplift	ZONE	AREA (If)	Positive	Negative		ZONE	ARSA (fr)	PRESSURE (psf)
1	10	32.1	-50.9	-46.9	4	10	55.8	-60.5	1	2	10	-103.9
1	20	29.3	-49.6	-45.6	4	20	53.2	-58.0	1	2	20	-103.9
1	50	25.5	-47.7	-43.7	4	50	49.9	-54.6	1	2	50	-103.9
1	100	22.6	-45.2	-42.2	4	100	47.4	-52.2		2	100	-103.9
2	10	32.1	-88.8	-84.8	4	500	41.5	-46.2	Ì	3	10	-174.7
2	20	29.3	-81.7	-77.7	5	10	55.8	-74.7	1	3	20	-157.7
2	50	25.5	-72.2	-68.2	5	20	53.2	-69.6	Ì	3	50	-135.2
2	100	22.6	-65.2	-61.2	5	50	49.9	-62.9	!	3	100	-118.1
3	10	32.1	-131.3	-127.3	5	100	47.4	-58.0	1			
3	20	29.3	-122.7	-118.7	5	500	41.5	-46.2	1			
3	50	25.5	-111.4	-107.4								
3	100	22.6	-103.0	-99.0								

- 1. 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.
- 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.
- when performing stress design on structural elements of building.

DESIGN WIND LOADS .MWFRS METHOD 1 ENCLOSED BUILDINGS H ≤ 60°

BASIC WIND		l L		ZONES								
SPEED (mph)	(DEGRÆS)	LOAD CASE	HOREONTAL PRESSURES				VERTICAL FE	ESSURES		ROOF OVERHANG		
			A	8	С	0	ε	F	G	н	Eon	Gon
	0-5	1	49.1	-25.5	32.5	-15.1	-59.0	-33.5	-41.1	-26.0	-82.6	-64.7
	10	1	55.4	-23.0	36.8	-13.4	-59.0	-36.1	-41.1	-27.7	-82.6	-64.7
	15	1	61.7	-20.4	41.1	-11.6	-59.0	-38.6	-41.1	-29.4	-82.6	-64.7
160	20	1	68.0	-17.9	45.4	-9.9	-59.0	41.1	-41.1	-31.2	-82.6	-64.
100	25	1	61.6	9.9	44.6	10.2	-27.3	-37.3	-19.8	-30.0	-50.9	-43.4
	25	2	0.0	0.0	0.0	0.0	-10.4	-20.3	-2.3	-12.9	0.0	0.0
	30 to 45	1	55.3	37.8	43.9	30.3	4.2	-33.5	1.5	-28.8	-19.4	-22.1
	30 to 45	2	55.3	37.8	43.9	30.3	21.3	-16.6	18.4	-11.9	-19.4	-22.1

- 1. For effective areas between those given above the load may be interpolated, otherwise use the load associated with the lower effective area
- 2. The load patterns shown shall be applied to each corner of the building in turn as the reference corner. (See Figure 29 6-1)
- 3. For the design of the Case B MWFRS use 0 = 88.
- For the design of the clase bit arymnolise v = vx.
 Plus and minus signs signify pressures acting toward and away from the projected surfaces, repeditely.
 Where zone E or Gifalls on a roof overhang on the windward side of the building, use E_{0n} and G_{0n} for the pressure on the horizontal
- projection of the overlang. Overlangs on the leavard and side edges shall have the basic zone pressure applied.

 6. Design pressures shown shall be multiplied by its appropriate load case factor from article 2.4.1 of ASCE 7-10 when performing stress design on structural elements of building.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR BY THEE SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

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

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COOK PORTABLE WAREHOUSES

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



DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-077

REV BY

2 OF 26

DESCRIPTION

AREA FOR APPROVAL STAMPS

PA# 079009 VA# 045593 TN# ||276| FL# 34222

WIND LOADING

GENERAL NOTES

- THIS STRUCTURE WAS DESIGNED IN IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING (I.B.C.)
- 2. 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.
- 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 (GI85) 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 SECTION 1507.2.8 OF THE 2015 I.B.C..
- II. UNDERLAYMENT SHALL CONFORM WITH SECTION 1507.2.3 OF THE 2015 I.B.C.
- 12. ASPHALT SHINGLES SHALL CONFORM WITH SECTION 1507.2.5 OF THE 2015 I.B.C., ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH 1507.2.7 OF THE 2015 I.B.C..R
- 13. FASTENERS FOR ASPHALT SHINGLES SHALL CONFORM TO SECTION 1507.2.6 OF THE 2015 I.B.C.
- 14. TIE-DOWNS SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES
- 15. THESE PLANS HAVE NOT BEEN DESIGNED FOR HVHZ REQUIREMENTS AS SET FORTH IN THE 2015 I.B.C. OR FOR USE AS A COMMERCIAL BUILDING.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY AND PLACEMENT OF LAWN STORAGE UNIT TO INSURE THE INTEGRITY OF THE BUILDING AND ITS COMPONENT PARTS.
- 18. NO FIELD REVISIONS TO ANY STRUCTURAL COMPONENTS OR DEVIATIONS FROM THESE DRAWINGS SHALL BE MADE.
- 19. 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.
- 20. 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.
- 21. REFER TO SUPPLIED FASTENING SCHEDULE FOR FASTENING BASED ON CONNECTION AND LOCATION OF MEMBERS AS PER 2015 INTERNATIONAL BUILDING CODE TABLE 2304.9.I UNLESS NOTED OTHERWISE.
- 22. BUILDINGS HAVE BEEN DESIGNED FOR LP SMARTSIDE PRECISION PANEL SIDING, LP SMARTSIDE PRECISION LAP SIDING SHALL NOT BE USED.
- 23. 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.
- 24. REFER TO THE ICC-ES EVALUATION REPORT ESR-1301 FOR ADDITIONAL DATA AND SPECIFICATIONS OF LP SMARTSIDE PRECISION PANEL SIDING.
- 25. 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 EQUAL TO THOSE IN THE ENDWALL SHEAR WALL CHART.
- 26. PER SECTION 1609.1.2 #3 OF THE IBC, 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.
- 27. 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 PER 1008.1.1 (SEE EXCEPTION 8).
- 28. 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.
- 29. 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.

- THE COMPLETE FOUNDATION SUPPORT AND TIE-DOWN SYSTEM.
- RAMPS, STAIRS, AND GENERAL ACCESS TO THE BUILDING IF NECESSARY.
- 3. GUTTERS AND DOWNSPOUTS 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 AN ACCESSORY LAWN STORAGE SHED TO STORE LAWN EQUIPMENT SUCH AS WHEEL BARROWS. GARDENING SUPPLIES, FLOWER POTS, AND CARDBOARD BOXES WITH VARIOUS SMALL

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THOMAS A. DIXON

SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MD# 40905

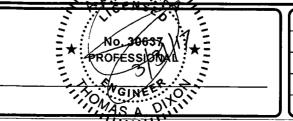
DIXON ENGINEERING, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33592

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COOK PORTABLE WAREHOUSES

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

NOTES



DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-077

DATE

REV BY

SHEET 3 OF 26

DESCRIPTION

AREA FOR APPROVAL STAMPS

AL# 30637 MS# 19034 KS# 21198

PA# 079009 VA# 045593

TN# II276I FL# 34222

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" 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	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" × 0.135") AT 16" O.C. 3" × 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 JOISTTO TOP PLATE	8d (2 1/2" x 0.131") AT 6" 0.C. 3" x 0.131" NAILS AT 6" 0.C. 3" 14 GAGE STAPLES AT 6" 0.C.	
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. CONTINOUS HEADER (2) PIECES	16d COMMON (3 1/2" x 0.162")	16" O.C. ALONG EDGE

AREA FOR APPROVAL STAMPS REV BY DATE DESCRIPTION

(CONTINUED)

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR BY THE SECOND GUST OF 160 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 TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

GARDEN SHED IOO DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

fastening schedule



DATE:	3/30/17
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SHEET

C-4

4 OF 26

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. CONTINOUS 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 /2" x 0.135") 3" x 0.13 " NAILS 3" 14 GAGE STAPLES	24" O.C. 6" O.C. 6" 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.	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	FACE NAIL			
20. ROOF RAFTER TO 2-BY RIDGE BEAM	2 - 16d COMMON (3 1/2" x 0.162") 3 - 3" x 0.131" NAIL5 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)

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR THISE SECOND GUST OF 160 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

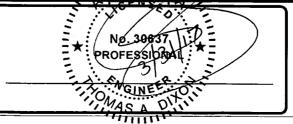
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COOK PORTABLE WAREHOUSES

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FASTENING SCHEDULE (CONT.)



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REV BY DATE



DESCRIPTION

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 $V_{\rm asd}$ MPH EXP "B")		
SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	19/32" TO 3/4"	8d ^d OR 6d ^e 2 3/8" × 0.113" NA1L 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 I"	8de		
	1/8" TO 1/4"	10d ^d OR 8d ^e		
23. PANEL SIDING (TO FRAMING)	1/2" OR LESS 5/8"	6d ^f 8d ^f		
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. a.
- 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 IBC. 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 0.148"). С.
- COMMON (6d 2" x 0.113"; 8d 2 1/2" x 0.131"; 10d 3" x 0.148"). d.
- DEFORMED SHANK (6d 2" x O.113"; 8d 2 1/2" x O.131"; 10d 3" x O.148"). e.
- 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 1/16" 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 1 1/4" LENGTH FOR 1/2" SHEATHING AND 1 1/2" LENGTH FOR 25/32" SEATHING. 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.
- STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16".
- 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 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR A THREE SECOND GUST OF 160 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

TN# ||276| 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

GARDEN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: I-229-241-8805

FASTENING SCHEDULE (CONT.)

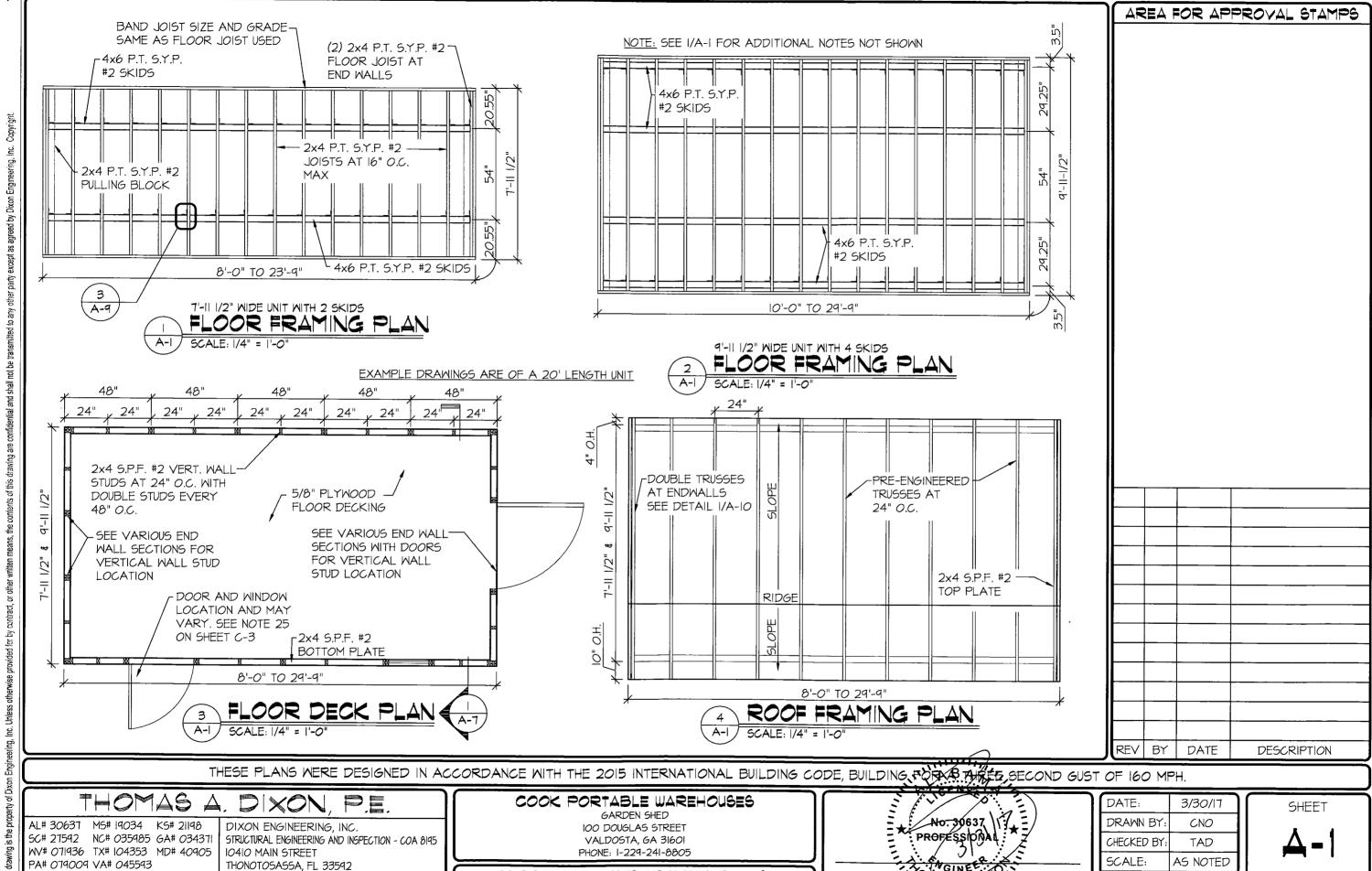


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SCALE:	AS NOTED
W.O. NO:	495-077

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DESCRIPTION



FLOOR DECK AND FRAMING PLANS

7 OF 26

W.O. NO:

495-077

TN# ||276| FL# 34222

SHEARWALL CHART					
		MAX	LENGTH OF BUIL	DING	
BUILDING WIDTH	OPENING WIDTHS IN ENDWALL	19/32" TI-II ^I	19/32" LP SMARTPANEL ²	19/32" LP SMARTPANEL ³	
	NONE			-	
7'-11 1/2"	3'-0" MAX	23'-9"	23'-9"	23'-9"	
	4'-0"				
	NONE				
	3'-0" MAX			29'-9"	
9'-11 1/2"	4'-0"	29'-9"	29'-9"		
	6'-0"				
	7'-0"		24'-0"		

NOTES:

- I. 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. 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.
- 3. 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
- 4. 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 SHALL BE BASED ON THE SHEAR WALL HEIGHT TO WIDTH RATIO OF 3.5:1 AND SHALL NOT EXCEED (2/3) OF TOTAL LENGTH OF BUILDING. NAILING IN SIDEWALL USE 8d NAILS COMMON OR DEFORMED AT 6"
 O.C. EVERYWHERE WHEN TOTAL OPENING WIDTHS IN SIDE WALL ARE LESS THAN (2/3) OF TOTAL LENGTH OF BUILDING.

SHEARWALL

TABLE

A-2 SCALE: N.T.S.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR BINGES, SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30631 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MD# 40905 PA# 079009 VA# 045593

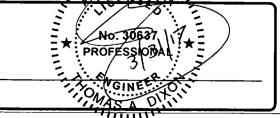
TN# 112761 FL# 34222

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

GARDEN SHED IOO DOUGLAS STREET VALDOSTA, GA 3160! PHONE: 1-229-241-8805

SHEARWALL TABLE

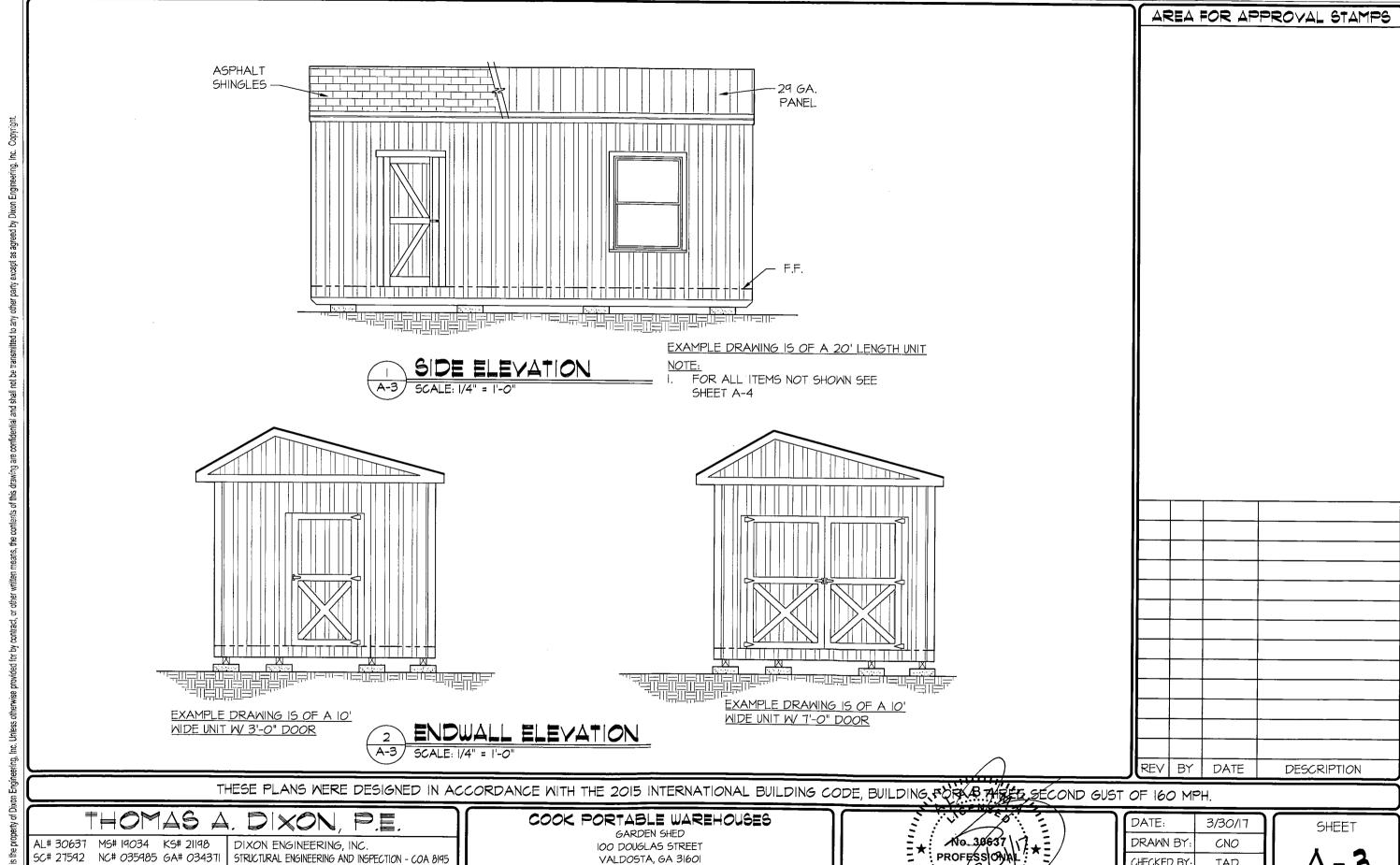


DATE:	3/30/17
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SCALE:	AS NOTED
W.O. NO:	495-077

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SHEET **A-2**8 OF 26

DESCRIPTION



PHONE: 1-229-241-8805

EXTERIOR ELEVATIONS

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SCALE:

W.O. NO:

TAD

AS NOTED

495-077

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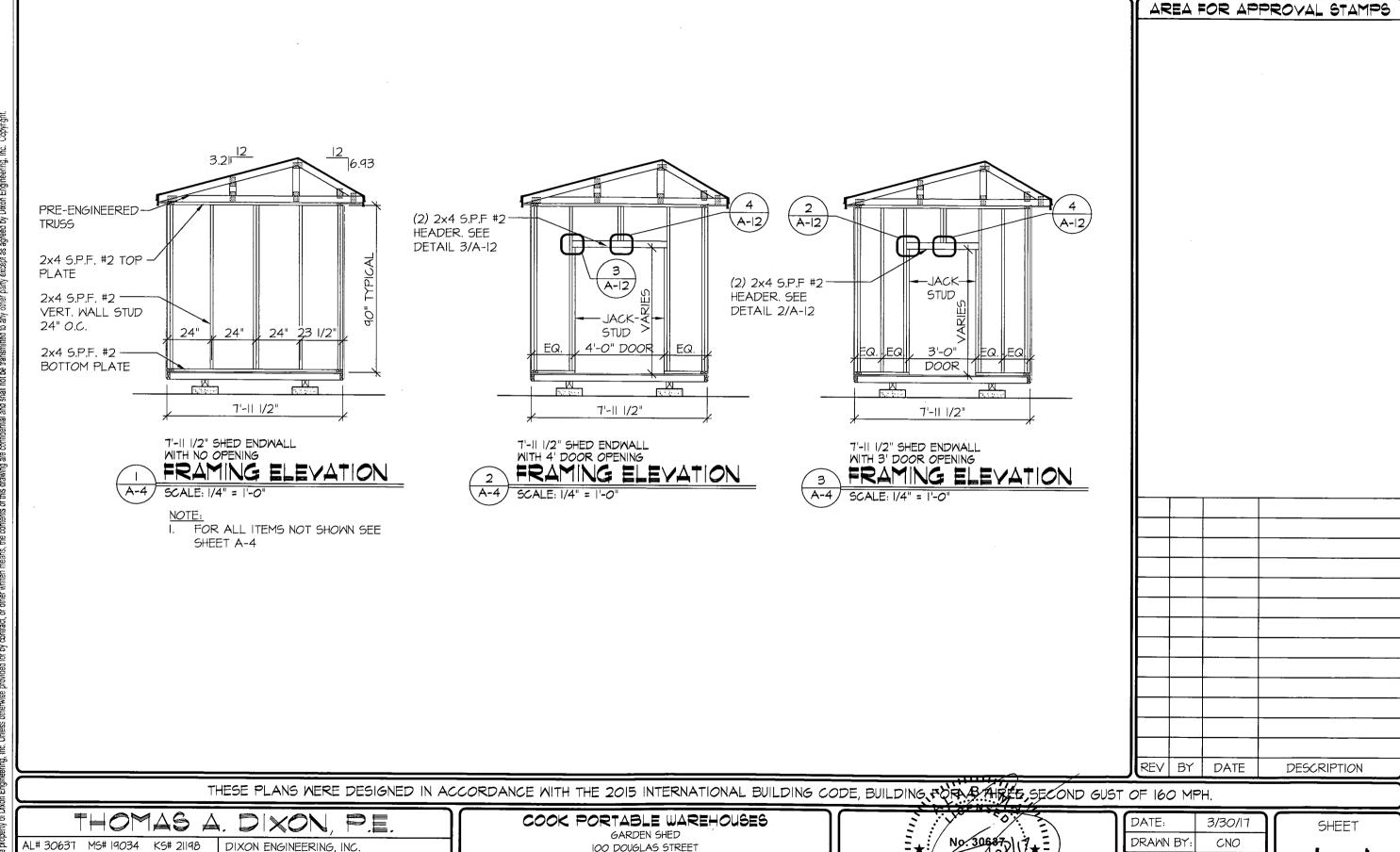
WV# 071936 TX# 104353 MD# 40905

PA# 079009 VA# 045593

TN# ||276| FL# 34222

10410 MAIN STREET

THONOTOSASSA, FL 33592

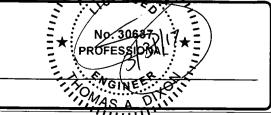


SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MD# 40905 PA# 079009 VA# 045593

TN# 112761 FL# 34222

STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306 GARDEN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805

FRAMING ELEVATIONS



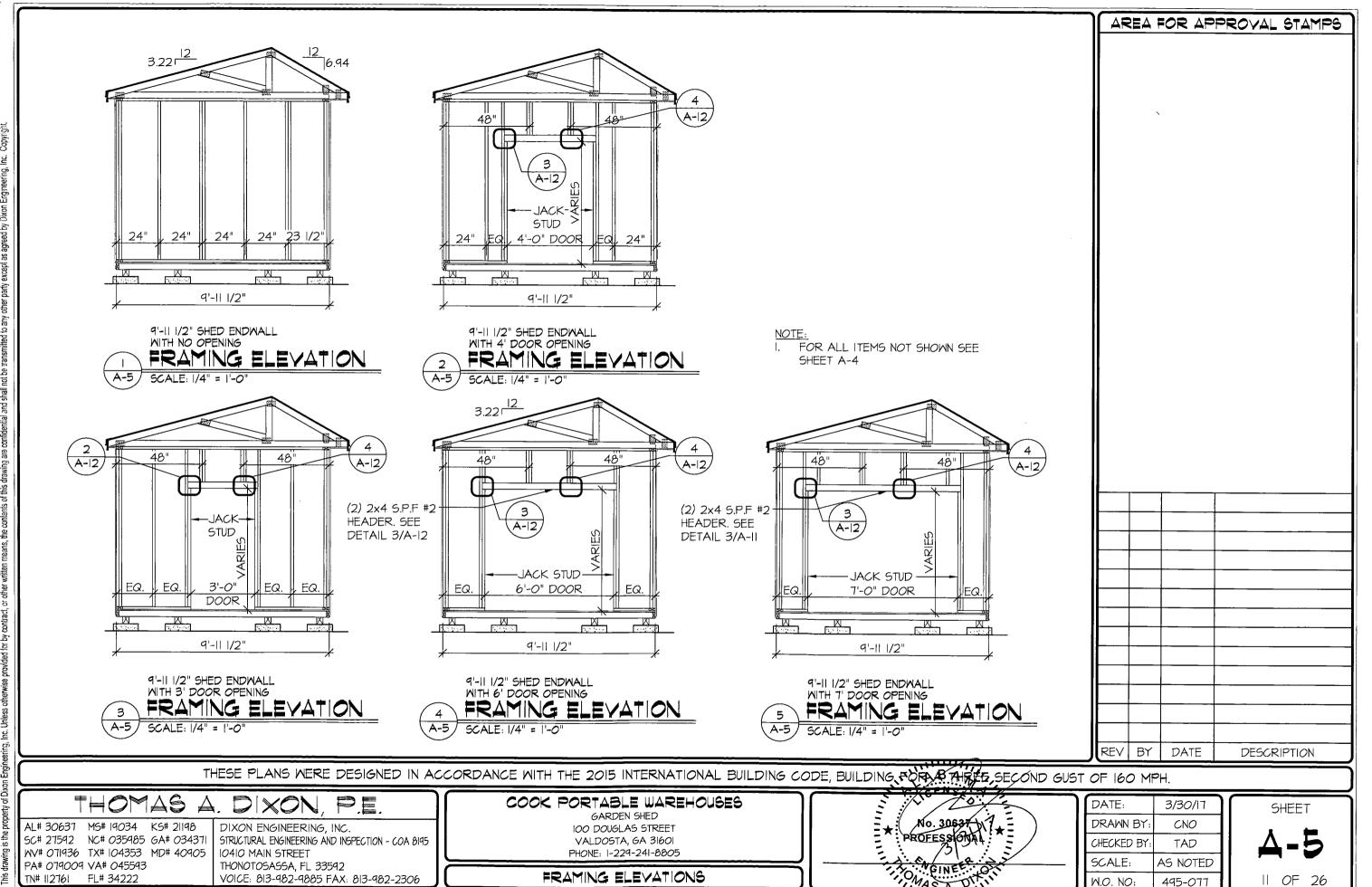
ĺ	DATE:	3/30/17
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	CHECKED BY:	TAD
	SCALE:	AS NOTED
	W.O. NO:	495-077

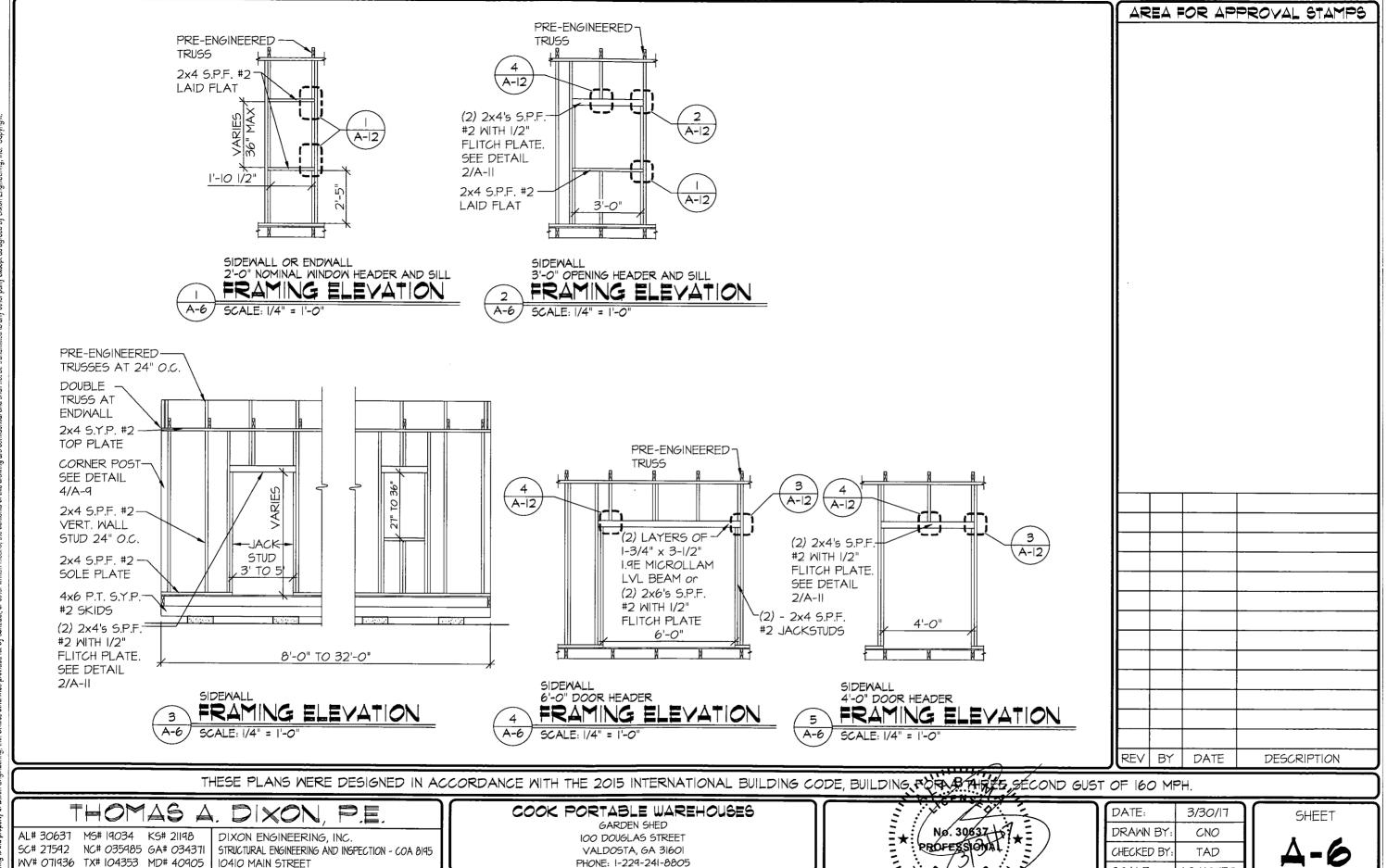
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FRAMING ELEVATIONS

SCALE:

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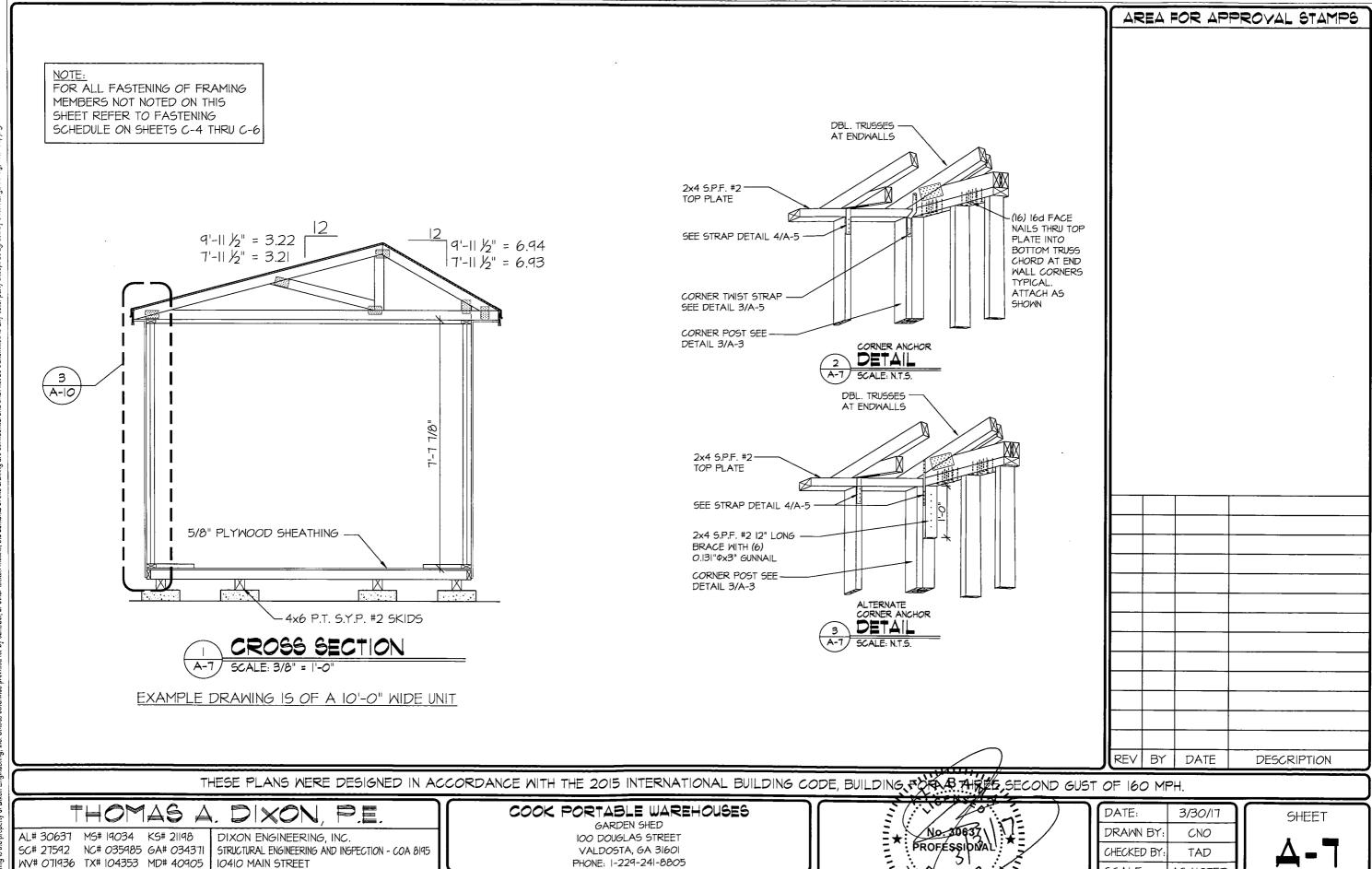
12 OF 26

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TN# ||276| FL# 34222

THONOTOSASSA, FL 33592



SECTION & DETAIL

SCALE:

W.O. NO:

AS NOTED

495-077

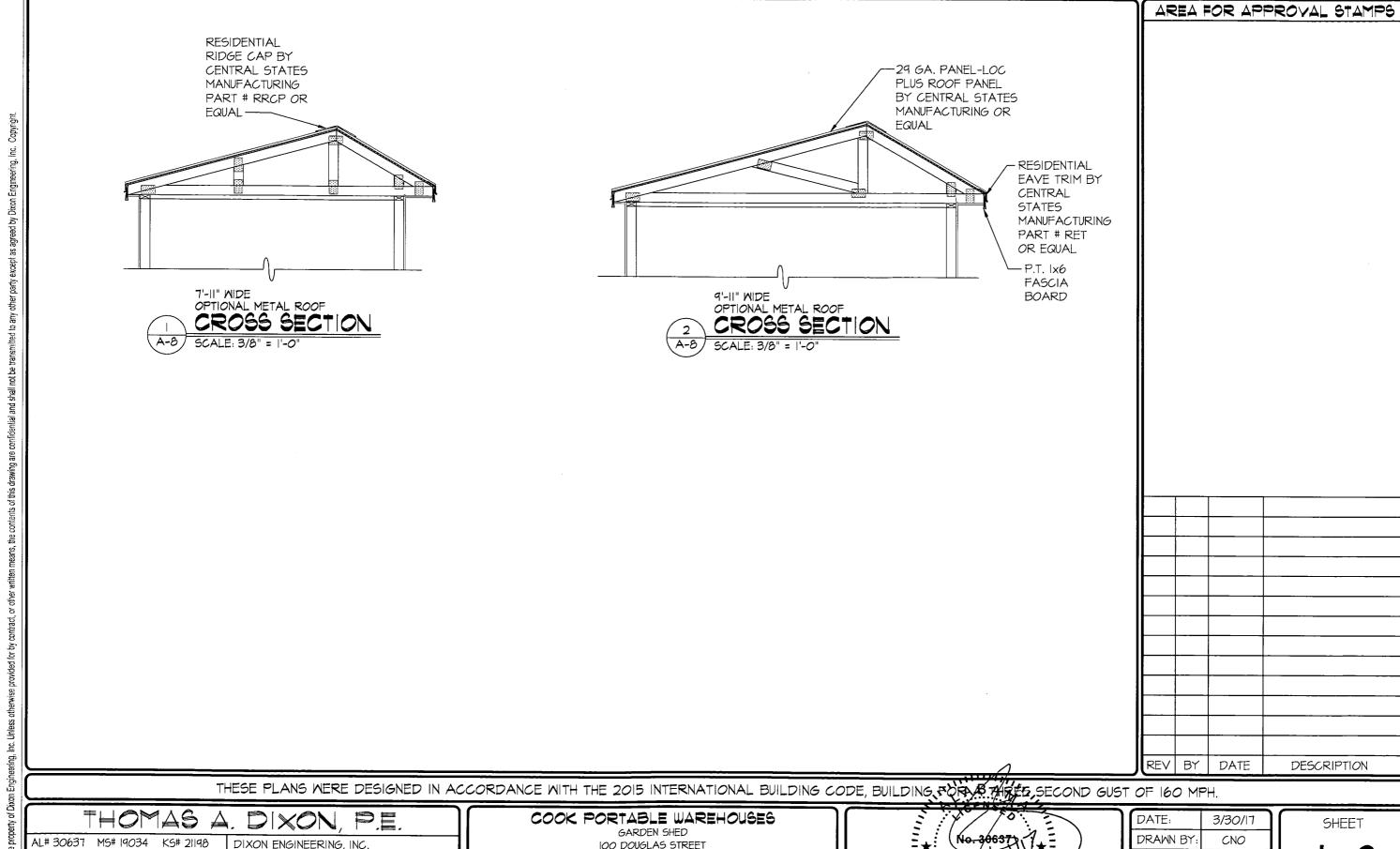
13 OF 26

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PA# 079009 VA# 045593

TN# ||276| FL# 34222

THONOTOSASSA, FL 33592



100 DOUGLAS STREET

VALDOSTA, GA 31601

PHONE: 1-229-241-8805

ROOF SECTIONS

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SCALE:

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495-077

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SC# 27592 NC# 035985 GA# 034371

PA# 079009 VA# 045593

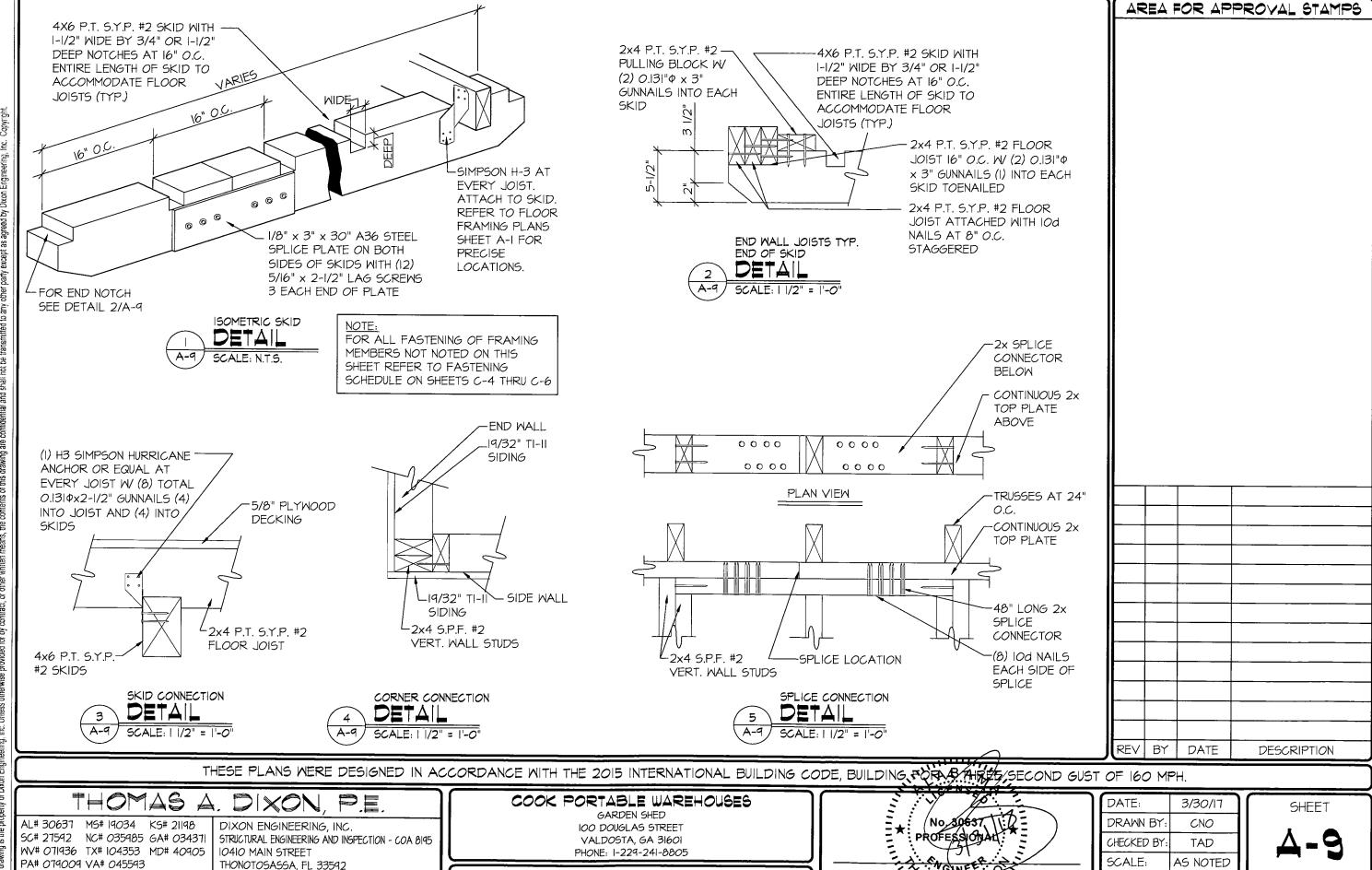
TN# ||276| FL# 34222

WV# 071936 TX# 104353 MD# 40905 10410 MAIN STREET

DIXON ENGINEERING, INC.

THONOTOSASSA, FL 33592

STRUCTURAL ENGINEERING AND INSPECTION - COA 8195



DETAILS

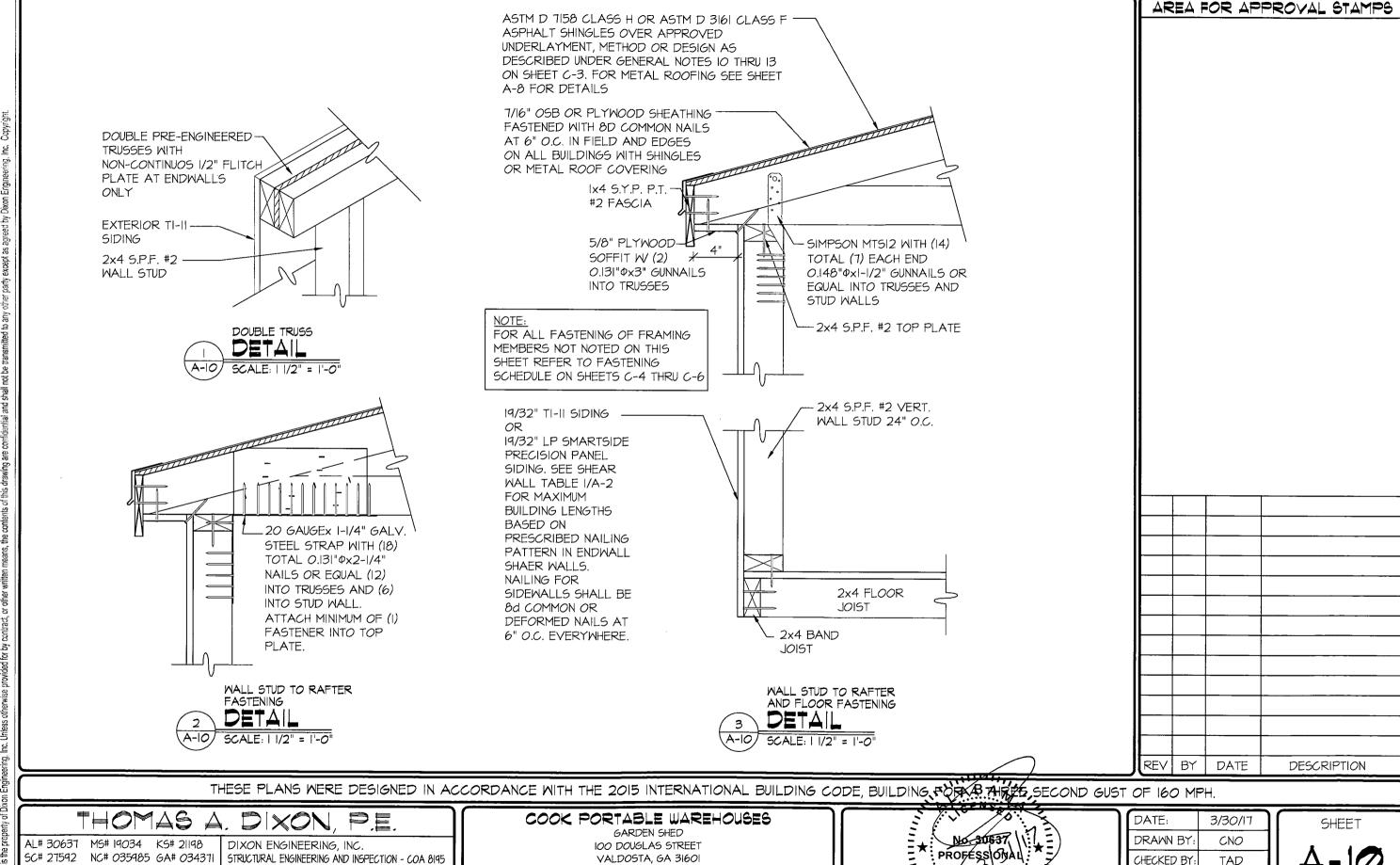
15 OF 26

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TN# ||276| FL# 34222



PHONE: 1-229-241-8805

DETAILS

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SCALE:

W.O. NO:

TAD

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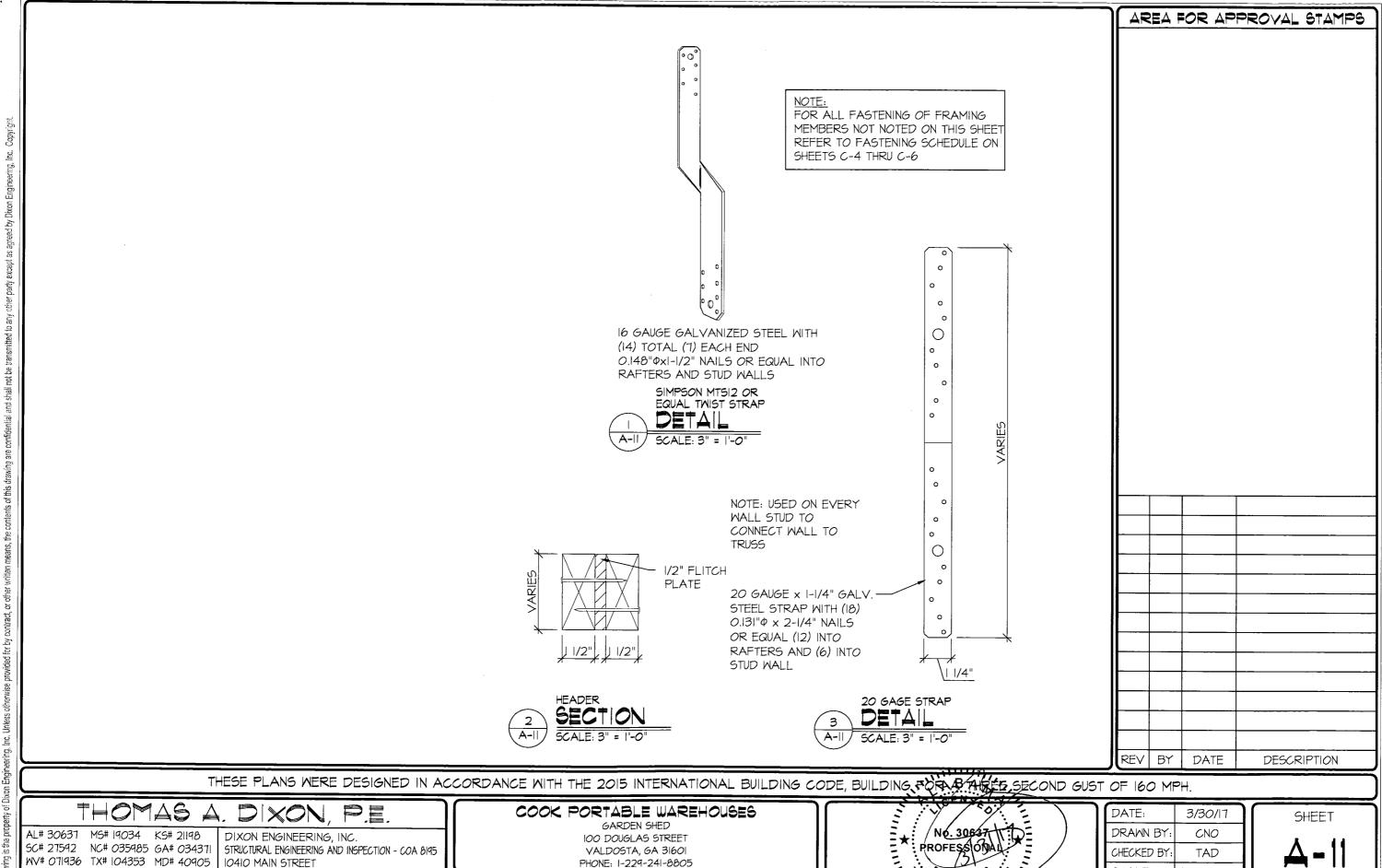
WV# 071936 TX# 104353 MD# 40905

PA# 079009 VA# 045593

TN# ||276| FL# 34222

10410 MAIN STREET

THONOTOSASSA, FL 33592



DETAILS

SCALE:

W.O. NO:

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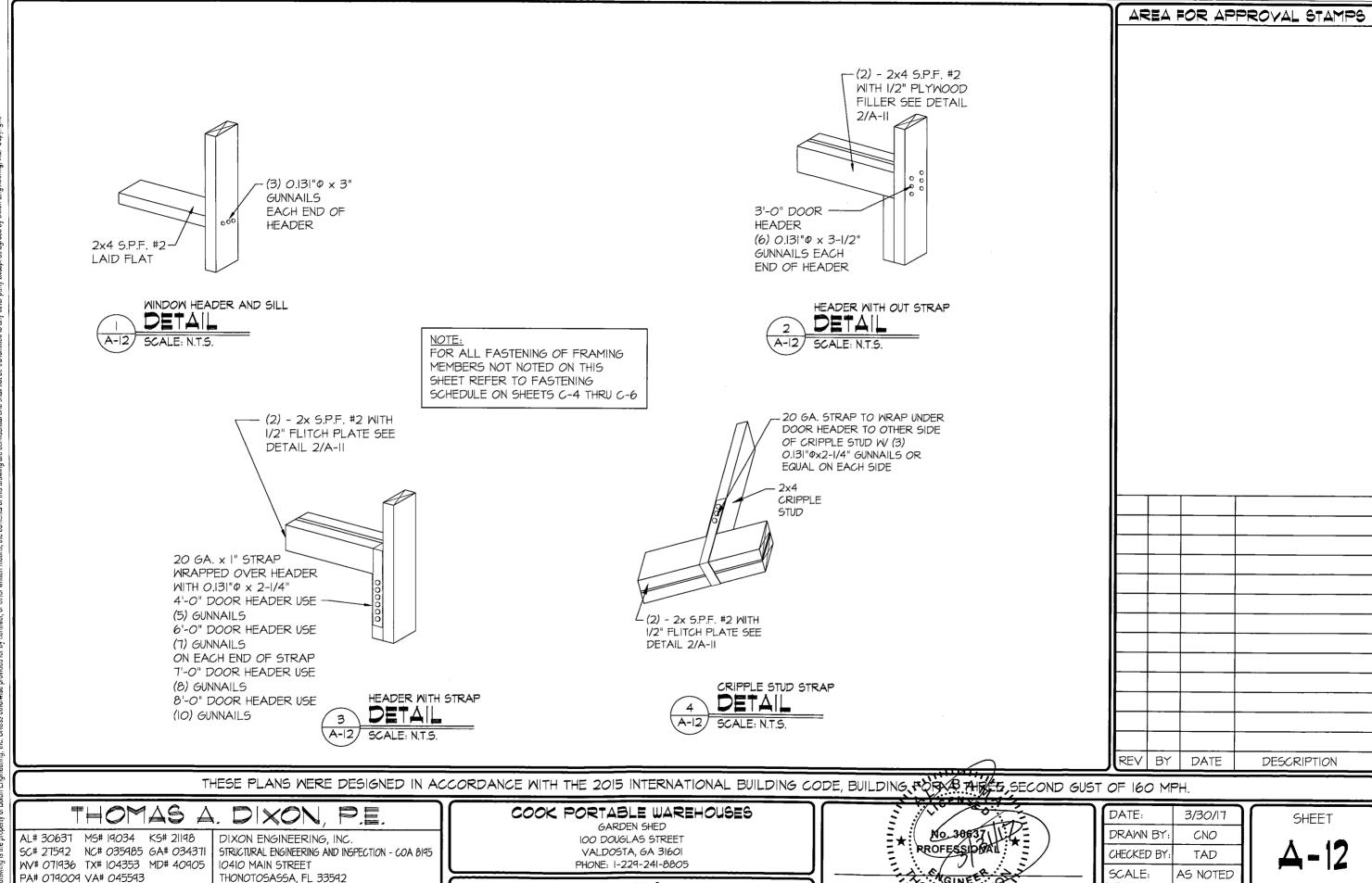
17 OF 26

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THONOTOSASSA, FL 33592



DETAILS

18 OF 26

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100 DOUGLAS STREET

VALDOSTA, GA 31601

PHONE: 1-229-241-8805

ANCHOR GENERAL NOTES

AL# 30637 MS# 19034 KS# 21198

SC# 27592 NC# 035985 GA# 034371

WV# 071936 TX# 104353 MD# 40905

PA# 079009 VA# 045593

TN# ||276| FL# 34222

DIXON ENGINEERING, INC.

THONOTOSASSA, FL 33592

10410 MAIN STREET

STRUCTURAL ENGINEERING AND INSPECTION - COA 8195

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

REV BY DATE

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PROFESSIONAL STATE

PROFESSIONAL STATE

DATE: 3/30/17

DRAWN BY: CNO

CHECKED BY: TAD

SCALE: AS NOTED

W.O. NO: 495-017

3/30/17 SHEET
BY: CNO
DBY: TAD
: AS NOTED
D: 495-077 19 OF 26

DESCRIPTION

MWFRS 160 MPH EXP. "B"						
ZONE	ZONE TABLE ADJUSTMENT LOAD COMBINATION WORKING PRESSURE FACTOR ² FACTOR ³ PRESSURE (PSF)					
Α	49.8	1.0	0.6	29.9		
В	13.3	1.0	0.6	8		
E	-16.8	1.0	0.6	-10.1		
F	-30.2	1.0	0.6	-18.1		

MWFRS 130 MPH EXP. "B"					
ZONE	TABLE PRESSURE	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	WORKING PRESSURE (PSF)	
A	32.8	1.0	0.6	19.7	
В	8.8	1.0	0.6	5.3	
E	-11.2	1.0	0.6	-6.7	
F	-20.0	1.0	0.6	-12	

MWFRS 110 MPH EXP. "B"						
ZONE TABLE ADJUSTMENT LOAD COMBINATION WORKING PRESSURE PSF						
Α	23.5	1.0	0.6	14.1		
В	6.3	1.0	0.6	3.8		
E	-8.0	1.0	0.6	-4.8		
F F	-14.3	1.0	0.6	-8.6		

NOTES:

- I. SEE FIGURE 28.6-1 PAGE 303-305 IN ASCET-10.
- 2. SEE FIGURE 28.6-I PAGE 305 IN ASCET-IO.
- 3. SEE SECTION 2.4.1 IN ASCET-10.
- 4. DESIGN PRESSURES SHOWN ARE BASED ON WORST CASE DESIGN CONDITIONS OF BUILDINGS FOR FOR WIND VELOCITIES PER 2014 F.B.C.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR A THREE SECOND GUST OF 160 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

TN# ||276| 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

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

EXPOSURE B WIND CHARTS



ĺ	DATE:	3/30/17
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	CHECKED BY:	TAD
	SCALE:	AS NOTED
	W.O. NO:	495-077

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SHEET **F-2**20 OF 26

DESCRIPTION

MWFRS 160 MPH EXP. "C"					
ZONE	TABLE PRESSURE	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	MORKING PRESSURE (PSF)	
Α	49.7	1.21	0.60	36.1	
В	13.2	1.21	0.60	9.6	
E	-16.8	1.21	0.60	-12.2	
F	-30.2	1.21	0.60	-21.9	

MWFRS 130 MPH EXP. "C"					
ZONE	TABLE PRESSURE	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	MORKING PRESSURE (PSF)	
Α	32.8	1.21	0.6	23.8	
В	8.8	1.21	0.6	6.4	
E	-11.2	1.21	0.6	-8.1	
F	-20.0	1.21	0.6	-14.5	

MWFRS 110 MPH EXP. "C"					
ZONE	TABLE PRESSURE	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	MORKING PRESSURE (PSF)	
Α	23.6	1.21	0.6	17.1	
В	6.3	1.21	0.6	4.6	
E	-8.0	1.21	0.6	-5.8	
F	-14.3	1.21	0.6	-10.4	

NOTES:

- SEE FIGURE 28.6-I PAGE 303-305 IN ASCET-10.
- 2. SEE FIGURE 28.6-1 PAGE 305 IN ASCET-10.
- 3. SEE SECTION 2.4.1 IN ASCET-10.

DIXON ENGINEERING, INC.

4. DESIGN PRESSURES SHOWN ARE BASED ON WORST CASE DESIGN CONDITIONS OF BUILDINGS FOR FOR WIND VELOCITIES PER 2014 F.B.C.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR AIRES SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

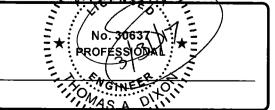
AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MD# 40905

STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET PA# 079009 VA# 045593 THONOTOSASSA, FL 33592 TN# II276| FL# 34222 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

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

EXPOSURE C WIND CHARTS



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DRAWN BY:	CNO
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SCALE:	AS NOTED
W.O. NO:	495-077

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SHEET 21 OF 26

DESCRIPTION

A	NCH(ORIN	G 90	HED			UP T		MP	+ WIN	D SF	PEED	1															
BLDG	NUMBER OF ANCHORS EACH SIDE															NUMBER OF						BER OF ANCHORS EACH SIDE						
MIDTH	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"															
7'-11"	2	2	2	2	2	2	3	3	3	N.A.	N.A.	N.A.	N.A.															
9'-11"	2	2	2	2	2	2	2	3	3	3	3	3	N.A.															
11'-0"	2	2	2	2	2	2	2	2	3	3	3	3	3															

<u>,</u>	ANCHORING SCHEDULE FOR 111 TO 130 MPH WIND SPEED, EXPOSURE "B"													
BLDG	DG NUMBER OF ANCHORS EACH SIDE													
MIDTH	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"	
7'- "	2	2	2	2	2	2	3	3	3	N.A.	N.A.	N.A.	N.A.	
9'- "	2	2	2	2	2	2	2	3	3	3	3	3	N.A.	
11'-0"	2	2	2	2	2	2	2	2	3	3	3	3	3	

A	ANCHORING SCHEDULE FOR 131 TO 160 MPH WIND SPEED, EXPOSURE "B"													
BLDG .				N	IUMBER	R OF ANCHORS EACH SIDE								
MIDTH	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"	
7'- "	3	3	3	3	4	4	4	4	5	N.A.	N.A.	N.A.	N.A.	
9'-11"	2	3	3	3	3	4	4	4	4	5	5	5	N.A.	
11'-0"	2	3	3	3	3	4	4	4	4	5	5	5	5	

REV BY DATE DESCRIPTION

AREA FOR APPROVAL STAMPS

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR BANGES SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198 WV# 071936 TX# 104353 MD# 40905 10410 MAIN STREET PA# 079009 VA# 045593

TN# ||276| FL# 34222

DIXON ENGINEERING, INC. SC# 27592 NC# 035985 GA# 034371 STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 THONOTOSASSA, FL 33592

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

COOK PORTABLE WAREHOUSES

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

EXPOSURE B ANCHORING CHARTS



DATE:	3/30/17
DRAWN BY:	CNO
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SCALE:	AS NOTED
W.O. NO:	495-077

SHEET 22 OF 26

SCHEDULES FOR ANCHORS PLACED VERTICAL INTO GROUND

<u> </u>	ANCHORING SCHEDULE FOR UP TO 110 MPH WIND SPEED, EXPOSURE "C"												
BLDG	NUMBER OF ANCHORS EACH SIDE												
MIDTH	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"
7'-11"	2	2	2	2	3	3	3	3	3	N.A.	N.A.	N.A.	N.A.
9'-11"	_ 2	2	2	2	2	3	3	3	3	3	3	3	N.A.
11'-0"	2	2	2	2	2	3	3	3	3	3	3	3	3

<u> </u>	Anchoring schedule for 111 to 130 MPH wind speed, Exposure "C"													
BLDG NUMBER OF ANCHORS EACH SIDE														
MIDTH	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"	
7'-11"	2	3	3	3	3	3	4	4	4	N.A.	N.A.	N.A.	N.A.	
9'- "	2	2	3	3	3	3	3	4	4	4	4	4	N.A.	
11'-0"	2	2	3	3	3	3	3	3	4	4	4	4	4	

A	VCH(ORIN	g Sc	HED					MP	H WIN	ID SF	PEED	ANCHORING SCHEDULE FOR 131 TO 160 MPH WIND SPEED, EXPOSURE "C"													
BLDG		NUMBER OF ANCHORS EACH SIDE																								
MIDTH	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"													
7'-11"	2	3	3	3	4	4	4	5	5	N.A.	N.A.	N.A.	N.A.													
9'-11"	2	3	3	3	3	4	4	4	5	5	5	6	N.A.													
11'-0"	2	2	3	3	3	4	4	4	5	5	5	5	6													

REV BY DATE DESCRIPTION

AREA FOR APPROVAL STAMPS

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR A THESE SECOND GUST OF 160 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

TN# ||276| 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

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

EXPOSURE C ANCHORING CHARTS



DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-077

SHEET 23 OF 26

	GR	ROUND ANCHOR SCHEDULE	
MODEL #	PART #	DESCRIPTION	SOIL CLASS
MI2H5/8	59080 / 59081	48" x 5/8" ROD WITH (I) 6" HELIX	4A
MI2H3/4	59085 / 59094	48" x 3/4" ROD WITH (I) 6" HELIX	4A
MI423/4	59128	42" x 3/4" ROD WITH (2) 4" HELIX	4A
MI483/4	59086	48" x 3/4" ROD WITH (2) 4" HELIX	4A
MI2H64	59250	36" x 3/4" ROD WITH (I) 4" HELIX, AND (I) 6" HELIX	4A
N/A	59065	EYE ANCHOR - 48" x 5/8" WITH (I) 6" HELIX	4A
N/A	59045	EYE ANCHOR - 48" x 3/4" WITH (1) 6" HELIX	4A
M607	59099	60" x 3/4" WITH (I) 7" HELIX	4B
N/A	59040	EYE ANCHOR - 60" x 3/4" WITH (I) 8" HELIX	4B

NOTE.

- I. ALL APPROVED ANCHORS LISTED ABOVE ARE MANUFACTURED BY TIE DOWN ENGINEERING.
- 2. THE CONTRACTOR MAY USE AN APPROVED EQUIVALENT WITH APPROVAL FORM THE EOR.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR A THREE SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

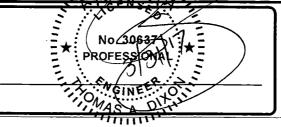
AL# 30637 MS# 19034 KS# 21198 SC# 27592 NC# 035985 GA# 034371 WV# 071936 TX# 104353 MD# 40905 PA# 079009 VA# 045593 TN# 112761 FL# 34222

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

COOK PORTABLE WAREHOUSES

GARDEN SHED IOO DOUGLAS STREET VALDOSTA, GA 3I6OI PHONE: I-229-24I-8805

GROUND ANCHOR SCHEDULE

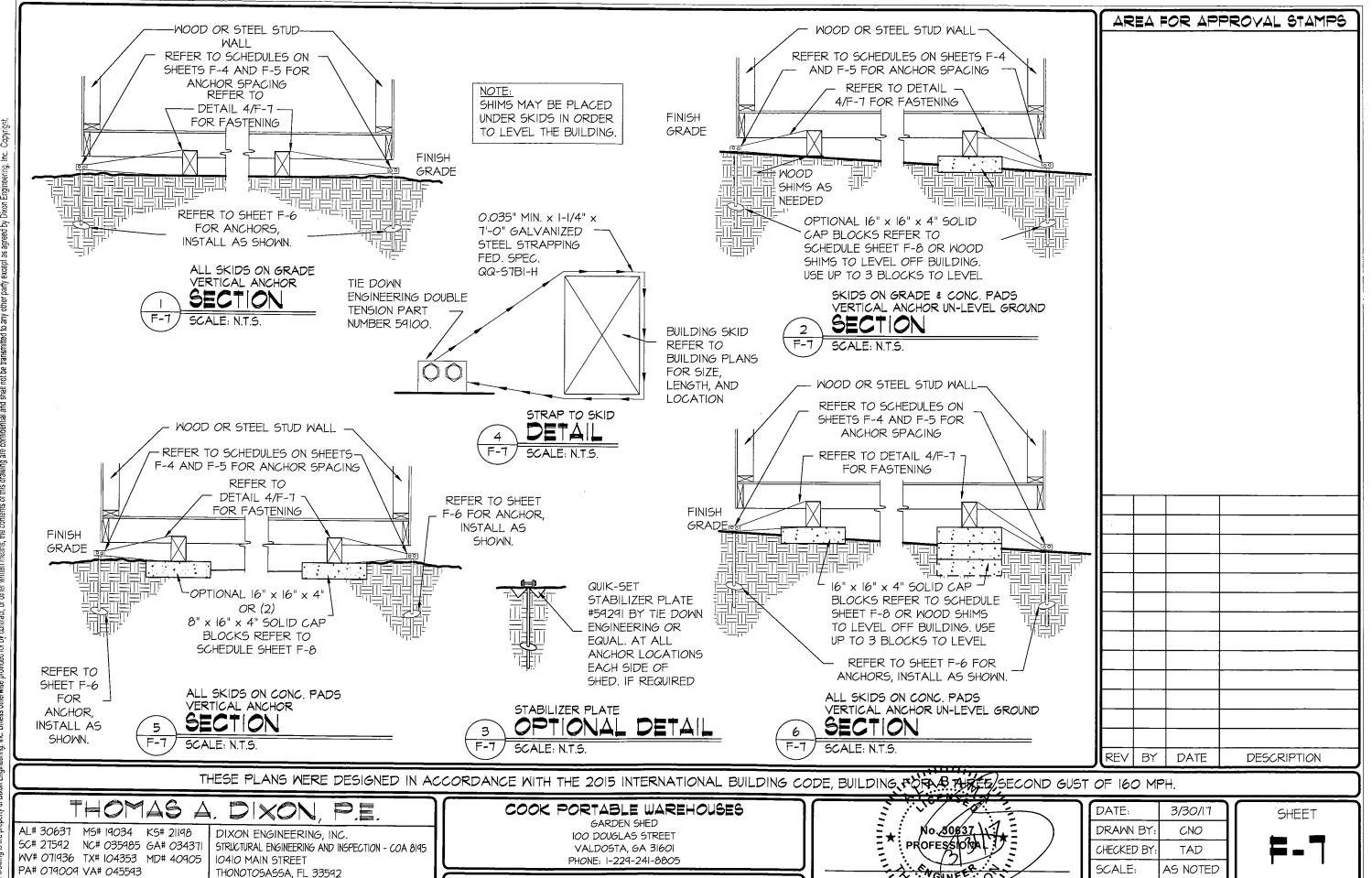


DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-077

REV BY DATE

SHEET **F-6** 24 OF 26

DESCRIPTION



ANCHORING DETAILS

25 OF 26

W.O. NO:

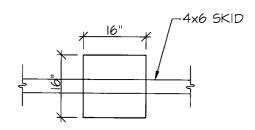
495-077

This straining is the preparty of Divan Employees and I have settlements

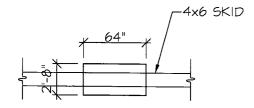
TN# ||276| FL# 34222

NOTE:

- I. CONCRETE PADS ARE OPTIONAL.
- 2. DIMENSIONS SHOWN ARE NOMINAL.
- 3. ANCHORS ARE REQUIRED MIN. (4)
 PER BUILDING, (1) AT EACH CORNER
 SHEARWALL (SW#).
- 4. REFER TO SCHEDULES ON SHEET F-4 & F-5 FOR ANCHOR SPACING AND SCHEDULES ON THIS SHEET FOR OPTIONAL PAD LOCATION.
- 5. SPACE OPTIONAL PADS EQUALLY.







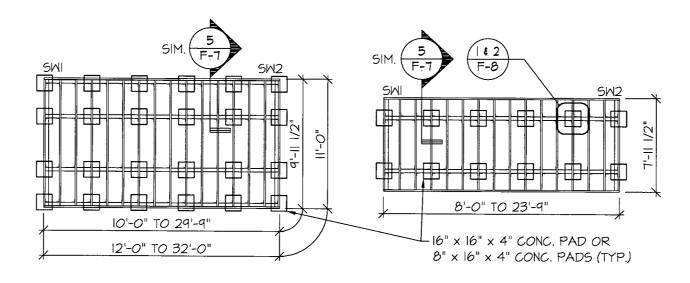


16" x 8" x 4" PAD SCHEDULE FOR ALL WIND SPEEDS, EXPOSURES, AND 40 PSF FLOOR LOAD

		N	WMBER		PADS						LINDE	R FAC	H SKIT	$\overline{}$
BLDG	MIDTH .	NUMBER OF PADS REQUIRED BY BUILDING LENGTH UNDER EACH SKID 8'-0" 10'-0" 12'-0" 14'-0" 16'-0" 18'-0" 20'-0" 22'-0" 24'-0" 26'-0" 28'-0" 30'-0" 32'-0"												
SINGLE WIDE	7'-11"	3	3	4	4	4	5	5	5	6	N.A.	N.A.	N.A.	N.A.
	9'-11"	2	3	3	3	3	4	4	4	4	4	5	5	N.A.
UNITS	11'-0"	3	3	3	3	4	4	4	4	5	5	5	6	6

16" x 16" x 4" PAD SCHEDULE FOR ALL WIND SPEEDS, EXPOSURES, AND 40 PSF FLOOR LOAD

BLDG WIDTH		NUMBER OF PADS REQUIRED BY BUILDING LENGTH UNDER EACH SKID												
		8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"
SINGLE WIDE UNITS	7'-11 1/2"	2	2	3	3	3	3	3	3	4	N.A.	N.A.	N.A.	N.A.
	9'-11 1/2"	2	2	2	2	2	3	3	3	. 3	3	3	3	N.A.
	11'-0"	2	2	2	2	3	3	3	3	3	3	3	4	4



3 BLOCKING PLAN F-8 SCALE: N.T.S. EXAMPLE DRAWING IS 20'-0" IN LENGTH

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING FOR BY THESE, SECOND GUST OF 160 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

TN# II276! FL# 34222

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COOK PORTABLE WAREHOUSES
GARDEN SHED

GARDEN SHED

IOO DOUGLAS STREET

VALDOSTA, GA 31601

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OPTIONAL PAD DETAILS



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DATE

REV BY

SHEET F-8

DESCRIPTION

AREA FOR APPROVAL STAMPS

26 OF 26