

COOK PORTABLE WAREHOUSES

100 DOUGLAS STREET
VALDOSTA, GA 31601

UTILITY SHED FOR THE INTERNATIONAL BUILDING CODE

DESIGN CRITERIA

1. WIND VELOCITY 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
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. LOFT UNINHABITABLE LIVE LOAD 20 PSF
12. SNOW LOAD N/A PSF
13. CONSTRUCTION TYPE V B
14. BUILDING OCCUPANCY: U
15. FIRE RATING EXT. WALLS N/A
16. ALLOWABLE NUMBER OF FLOORS I
17. THE CONTRACTOR/MANUFACTURER MUST COMPLY WITH THE FOLLOWING CODES AND ALL OF THERE AMENDMENTS/SUPPLEMENTS:
 - INTERNATIONAL BUILDING CODE - 2015
 - NATIONAL ELECTRIC CODE - 2014
 - NFPA 101 LIFE SAFETY CODE - 2015

ALABAMA CODES

-INTERNATIONAL BUILDING CODE WITH STATE AMENDMENTS - 2015

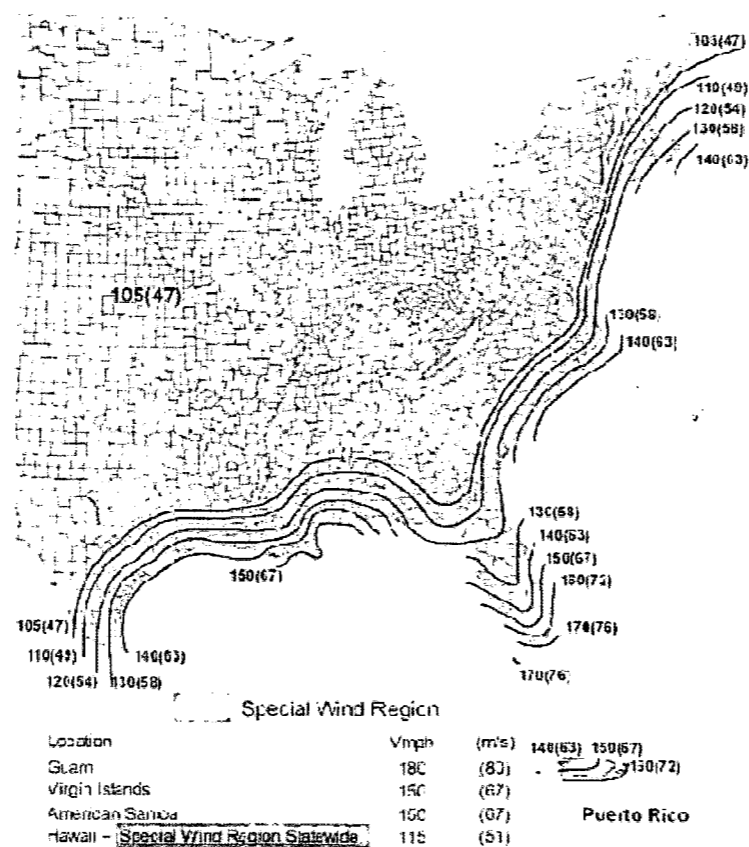


Figure 26.5-1c (Continued)

SHEET LIST

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AREA FOR APPROVAL STAMPS

REV BY DATE DESCRIPTION

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

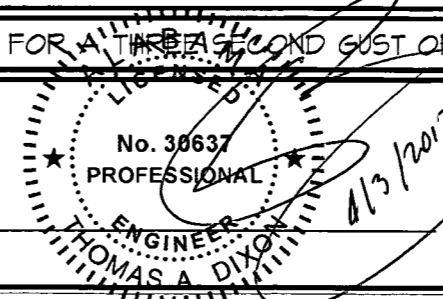
THOMAS A. DIXON, P.E.

AL# 30631 MS# 19034 KS# 21148
SC# 21542 NC# 035485 GA# 034371
WV# 071936 TX# 104353 MA# 40905
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UTILITY SHED
100 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
I.O. NO: 495-078

SHEET

C-1

1 OF 28

GENERAL NOTES

1. THIS STRUCTURE WAS DESIGNED 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.
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 SECTION 1507.2.8 OF THE 2015 I.B.C..
11. 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 2304.9.1 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.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE-DOWN SYSTEM.
2. 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 ITEMS.

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

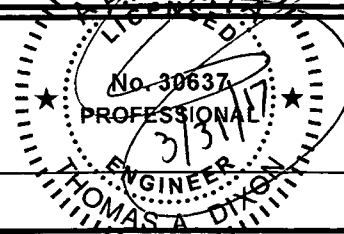
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NOTES

DATE:	3/30/17
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SCALE:	AS NOTED
W.O. NO:	495-078

SHEET
C-3
3 OF 28

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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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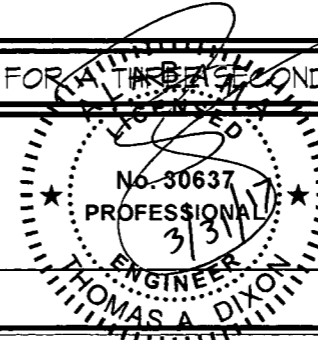
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SHEET

C-4

4 OF 28

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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 0.142" 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 0.142") 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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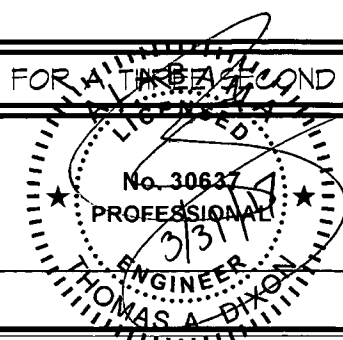
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SHEET

C-5

5 OF 28

FASTENING SCHEDULE

CONNECTION	FASTENING ^{a, k}	LOCATION
22. WOOD STRUCTURAL PANELS AND PARTICLEBOARD ^b 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 I10-I40)} ^{V_{asd} MPH EXP "B")}	
	19/32" TO 3/4" ^{8d^d OR 6d^e} 2 3/8" x 0.113" NAIL ⁿ 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 STAPLEⁱ}	
	25/32" ^{NO. 11 GAGE ROOFING NAIL^h} ^{8d COMMON NAIL (2 1/2" x 0.131")} ^{NO 16 GAGE STAPLEⁱ}	

- 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 IBC. 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.

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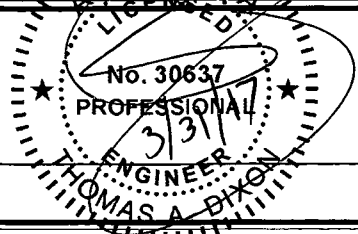
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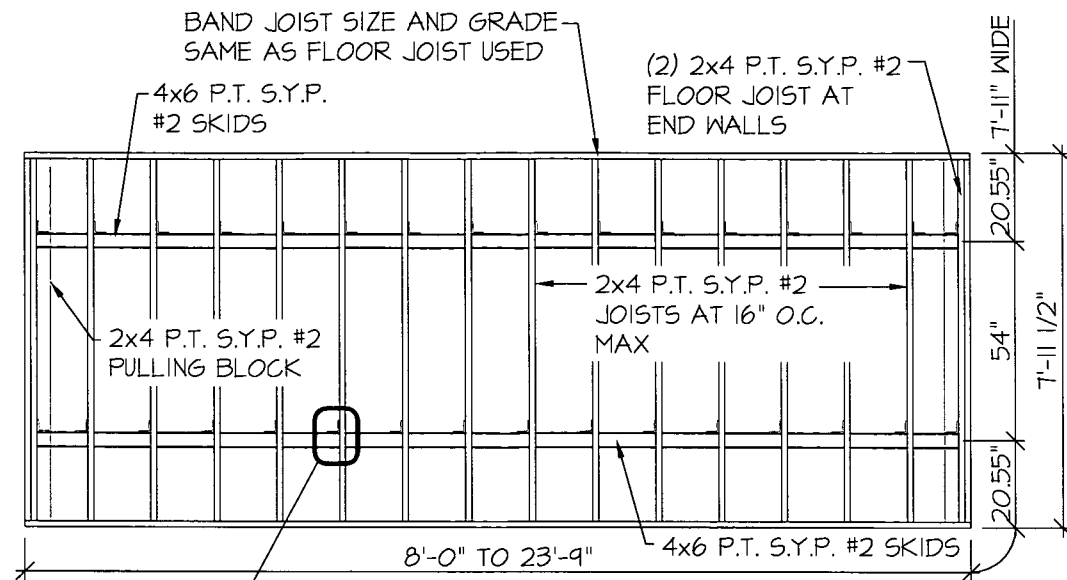
SHEET

C-6

6 OF 28

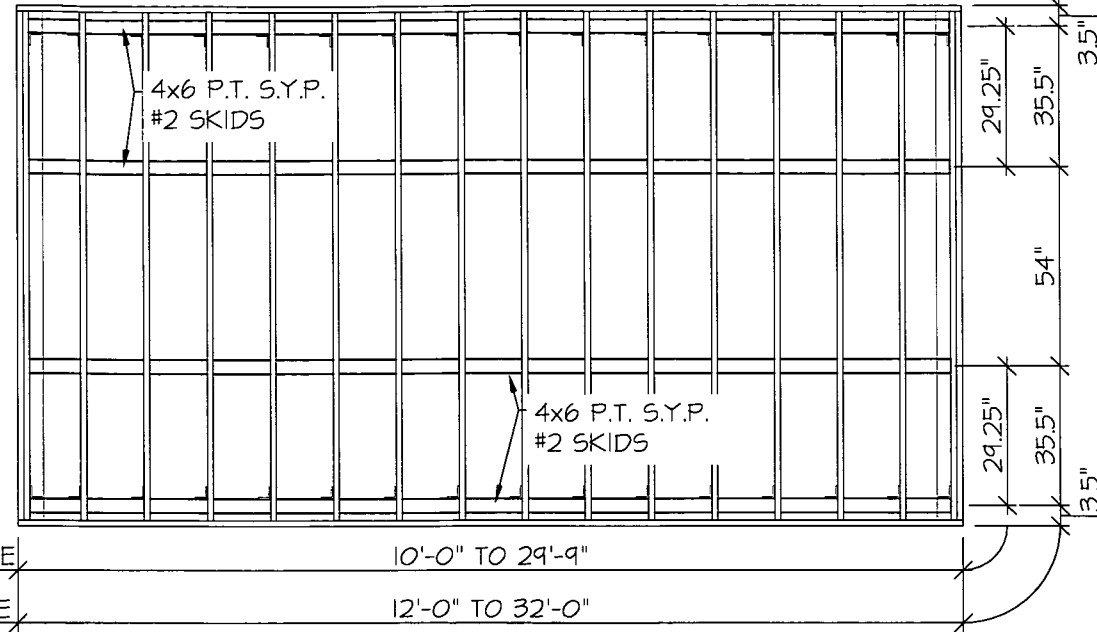
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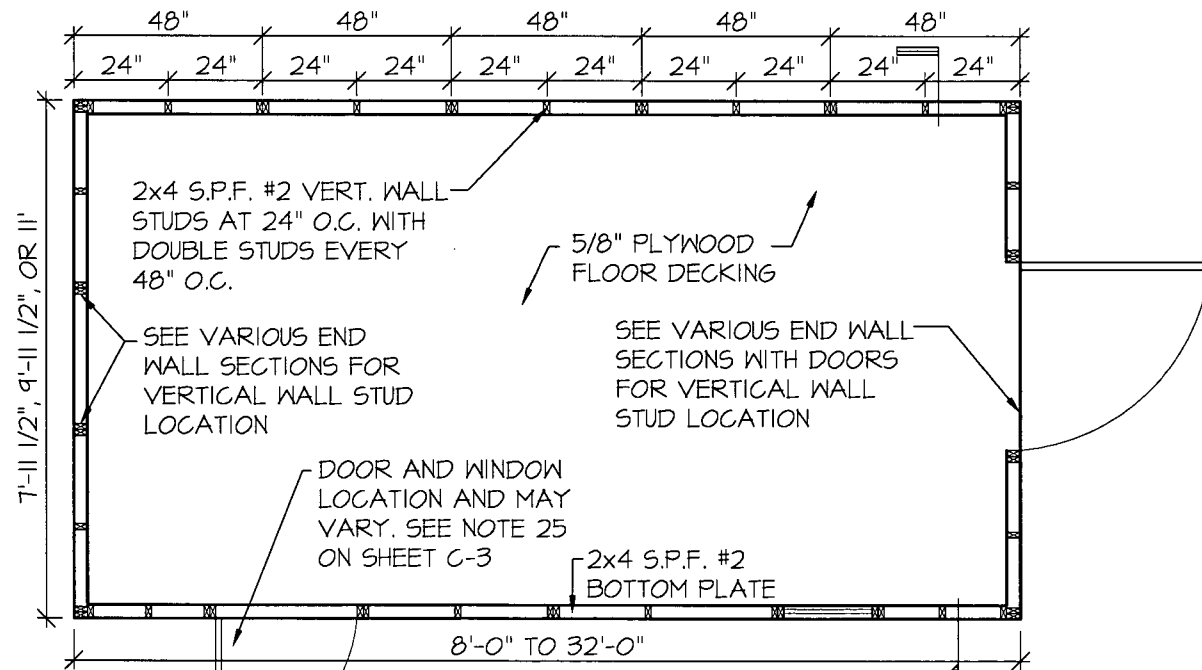
1 FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

NOTE: SEE I/A-1 FOR ADDITIONAL NOTES NOT SHOWN

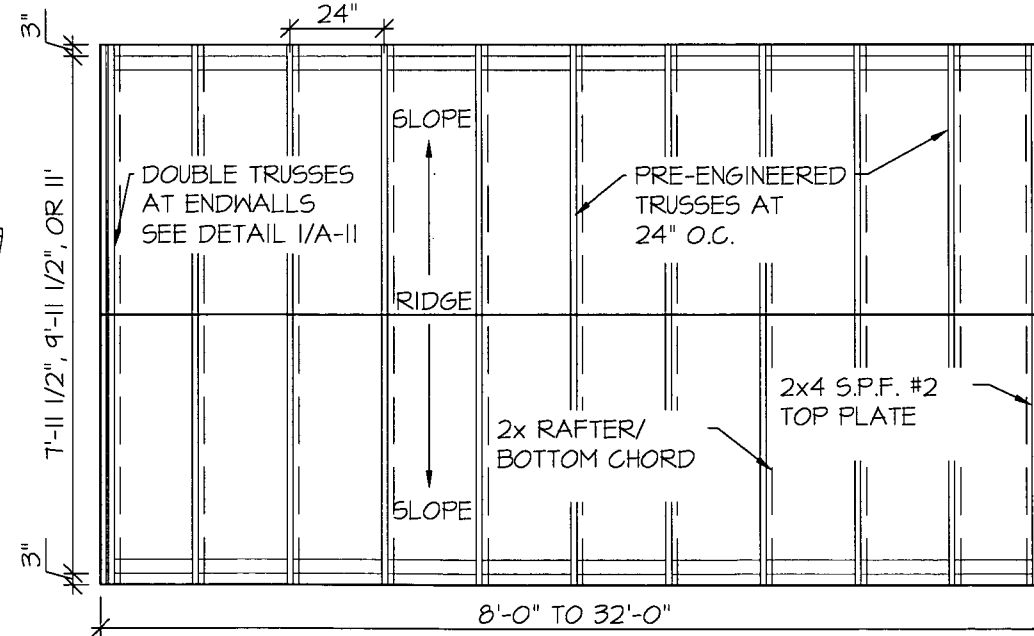


2 FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

EXAMPLE DRAWINGS ARE OF A 20' LENGTH UNIT



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



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

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.
 AL# 30637 MS# 19034 KS# 21198
 SC# 27542 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MA# 40905
 PA# 079009 VA# 045593
 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
 UTILITY SHED
 100 DOUGLAS STREET
 VALDOSTA, GA 31601
 PHONE: 1-229-241-8805
FLOOR AND FRAMING PLANS

No. 30637
 PROFESSIONAL
 3/31/17
 ENGINEER
 THOMAS A. DIXON

DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

SHEET
A-1
7 OF 28

AREA FOR APPROVAL STAMPS

SHEARWALL CHART					
BUILDING WIDTH	OPENING WIDTHS IN ENDWALL	MAX LENGTH OF BUILDING			
		1 9/32" TI-II ¹	1 9/32" LP SMARTPANEL ²	1 9/32" LP SMARTPANEL ³	1 9/32" LP SMARTPANEL ² OUTSIDE & 7/16" OSB ⁵ ON INTERIOR
7'-11 1/2"	NONE	23'-9"	23'-9"	23'-9"	23'-9"
	3'-0" MAX				
	4'-0"				
9'-11 1/2"	NONE	29'-9"	29'-9"	29'-9"	29'-9"
	3'-0" MAX				
	4'-0"				
	6'-0"		26'-0"	28'-0"	
	7'-0"				
11'-0"	NONE	32'-0"	32'-0"	32'-0"	32'-0"
	4'-0" MAX				
	6'-0"				
	7'-0"		26'-0"	28'-0"	
	8'-0"				

NOTES:

1. 1 9/32" 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. 1 9/32" 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. 1 9/32" 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.
5. 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.



REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

AL# 30637 M5# 19034 K5# 21198 DIXON ENGINEERING, INC.
 SC# 27592 NC# 035985 GA# 034371 STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
 WV# 071936 TX# 104353 MA# 40905 10410 MAIN STREET
 PA# 079009 VA# 045593 THONOTOSASSA, FL 33592
 TN# 112761 FL# 34222 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES
 UTILITY SHED
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 VALDOSTA, GA 31601
 PHONE: 1-229-241-8805

SHEARWALL TABLE

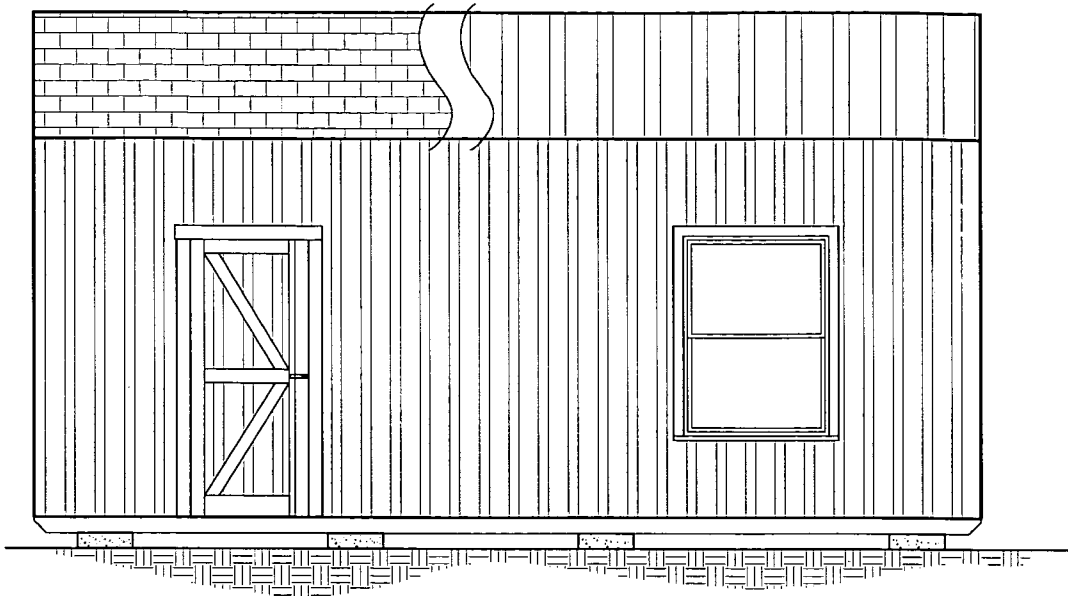
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 DRAWN BY: CNO
 CHECKED BY: TAD
 SCALE: AS NOTED
 W.O. NO: 495-078

SHEET

A-2

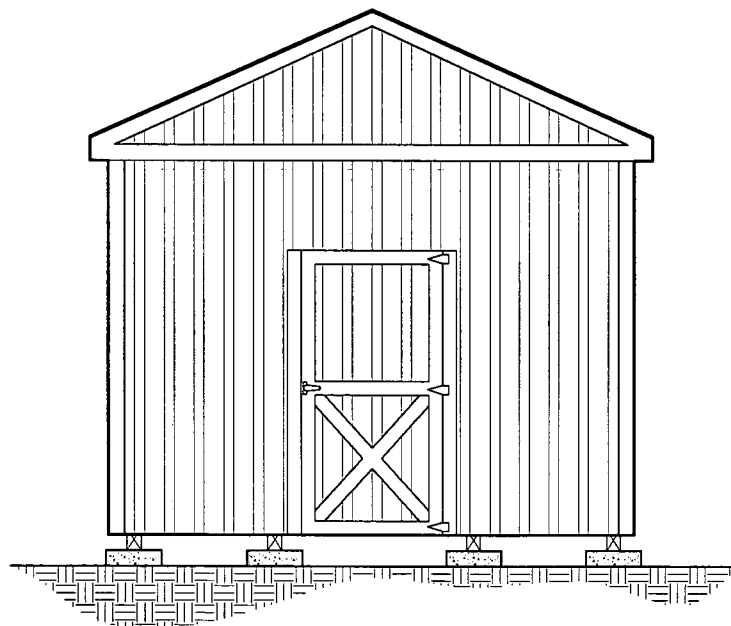
8 OF 28

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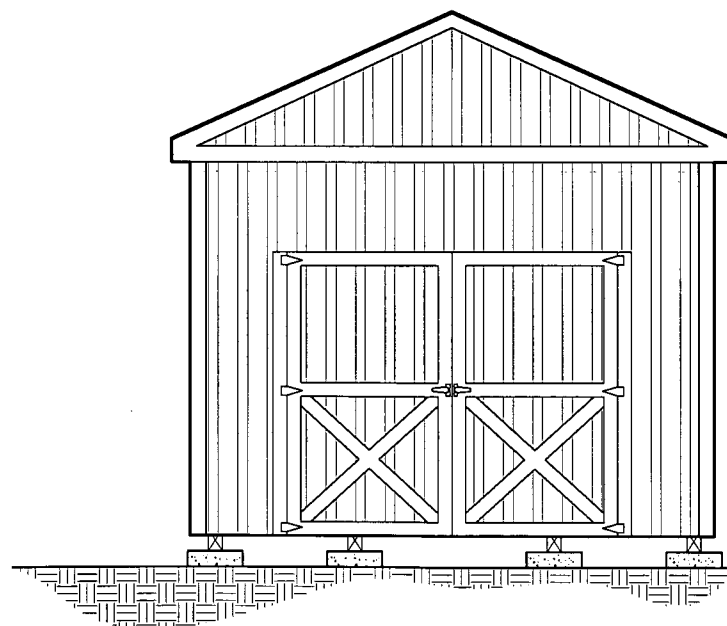
1 **SIDE ELEVATION**
A-3 SCALE: 1/4" = 1'-0"

EXAMPLE DRAWING IS OF A 20' LENGTH UNIT



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

2 **ENDWALL ELEVATION**
A-3 SCALE: 1/4" = 1'-0"



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

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

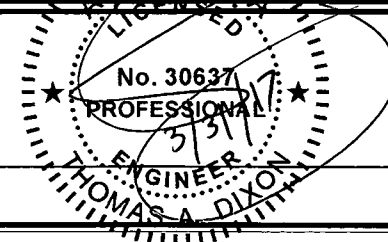
AL# 30631 MS# 19034 KS# 21198
SC# 27542 NC# 035985 GA# 034371
NV# 071936 TX# 104353 MA# 40905
PA# 079009 VA# 045543
TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

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

EXTERIOR ELEVATIONS



DATE: 3/30/17
DRAWN BY: CNO
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-078

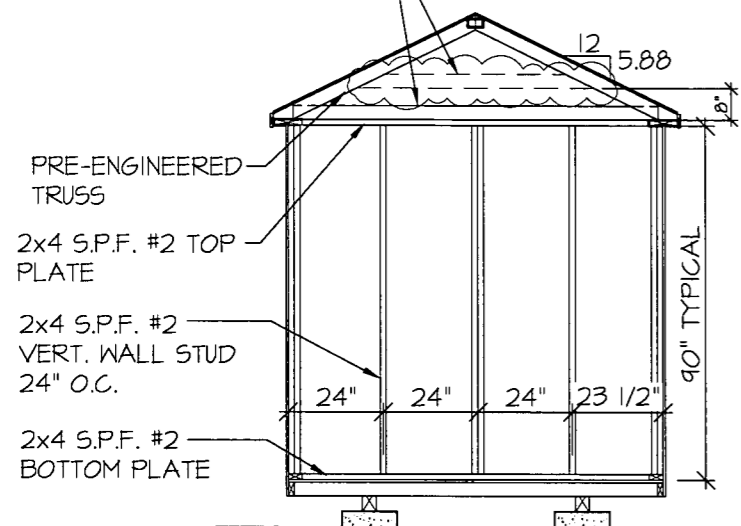
SHEET

A-3

9 OF 28

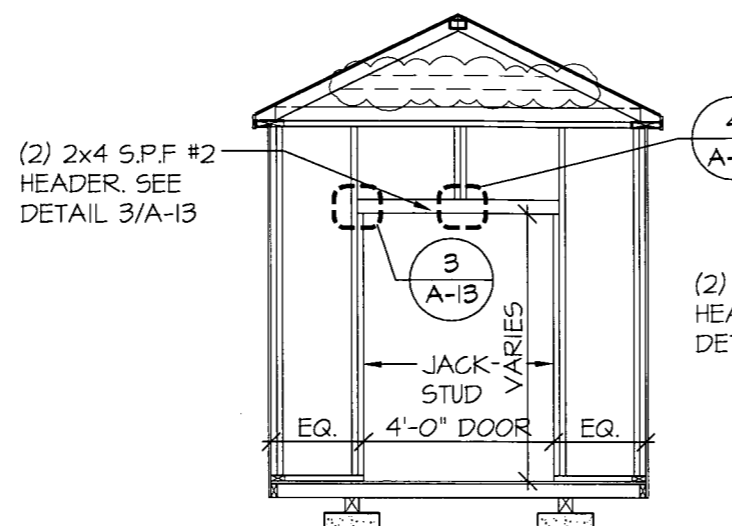
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BOTTOM CHORD PERMITTED TO MOVE UP 8" IN 8x8-10-12 BUILDINGS WITH A 6'-0" HIGH WALL FOR ADDITIONAL HEAD ROOM



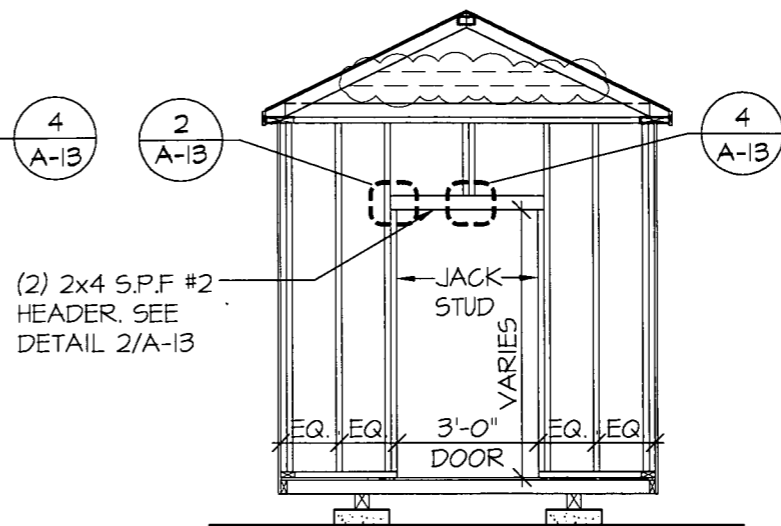
1
A-4

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



2
A-4

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



3
A-4

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

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION
1	CNO	09/29/15	BTM. CHORD DETAILS

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

THOMAS A. DIXON, P.E.

AL# 30631 SC# 27542 NV# 071936 PA# 074009 TN# 112761	MS# 19034 NC# 035985 TX# 104353 VA# 045593 FL# 34222	KS# 21198 GA# 034371 MA# 40905	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
 UTILITY SHED
 100 DOUGLAS STREET
 VALDOSTA, GA 31601
 PHONE: 1-229-241-8805

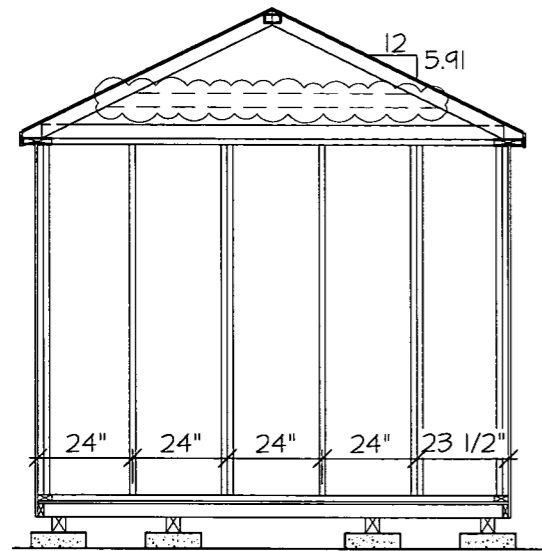
EXTERIOR ELEVATIONS

No. 30637
 09/30/17
 PROFESSIONAL ENGINEER
THOMAS A. DIXON

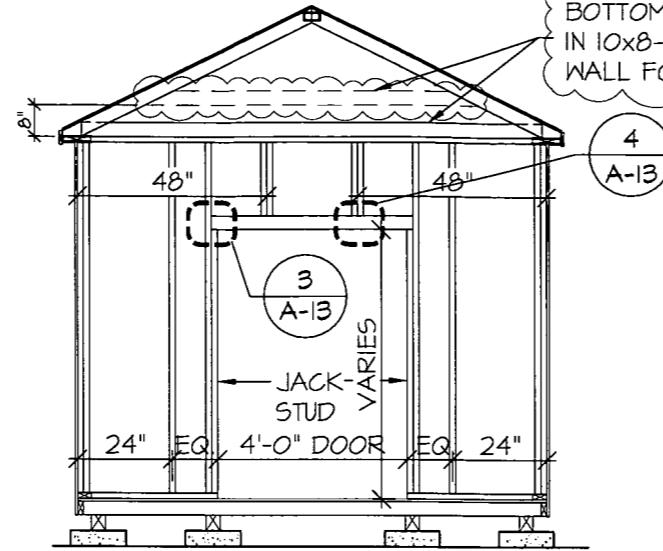
DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

SHEET
A-4
 10 OF 28

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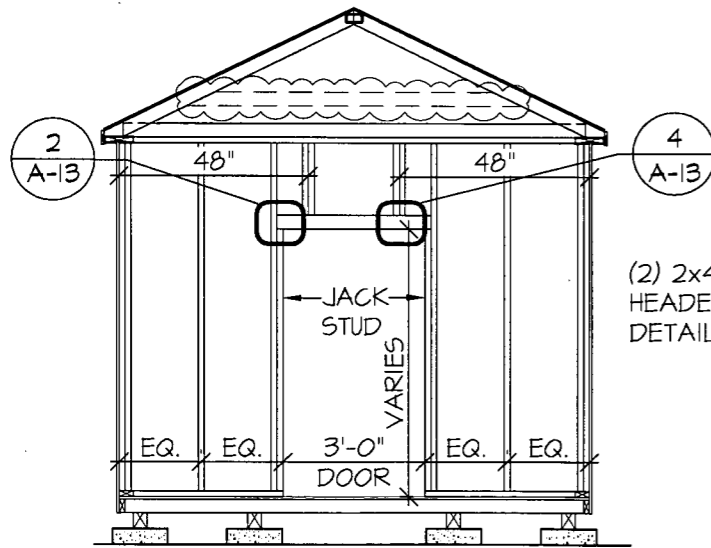
1
A-5
9'-11 1/2" SHED ENDWALL
WITH NO OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



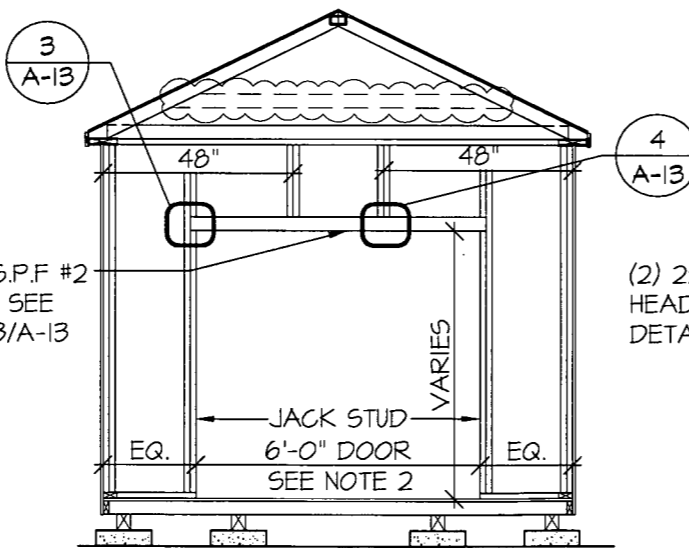
2
A-5
9'-11 1/2" SHED ENDWALL
WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

BOTTOM CHORD PERMITTED TO MOVE UP 8"
IN 10x8-10-12 BUILDINGS WITH A 6'-0" HIGH
WALL FOR ADDITIONAL HEAD ROOM

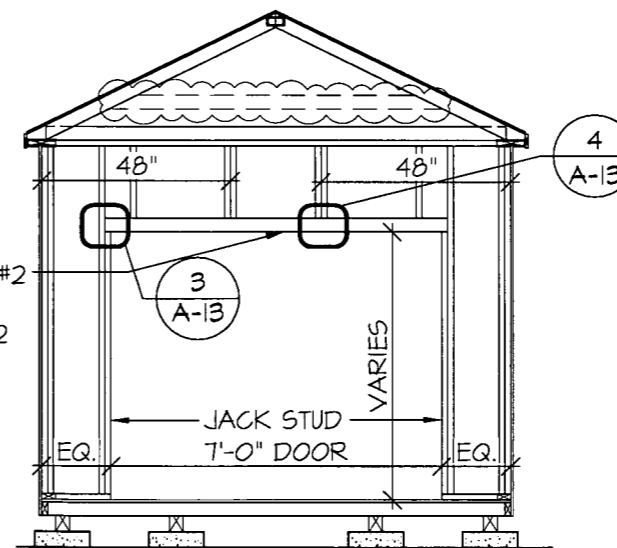
NOTE:
1. FOR ALL ITEMS NOT SHOWN SEE
SHEET A-4



3
A-5
9'-11 1/2" SHED ENDWALL
WITH 3' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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



5
A-5
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
1	CNO	09/29/15	BTM. CHORD DETAILS

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

THOMAS A. DIXON, P.E.

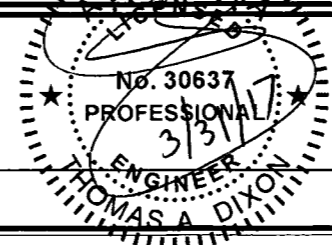
AL# 30637 MS# 19034 KS# 21198
SC# 27542 NC# 035985 GA# 034371
WV# 071936 TX# 104353 MA# 40905
PA# 079009 VA# 045593
TN# 112761 FL# 34222

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

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

FRAMING ELEVATIONS



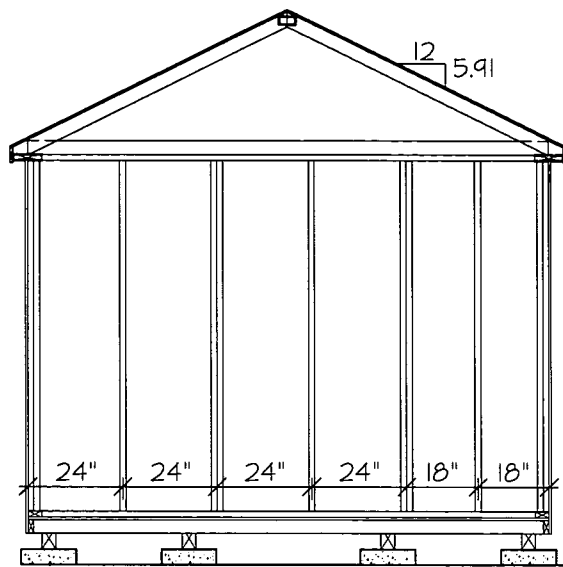
DATE: 3/30/17
DRAWN BY: CNO
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-078

SHEET

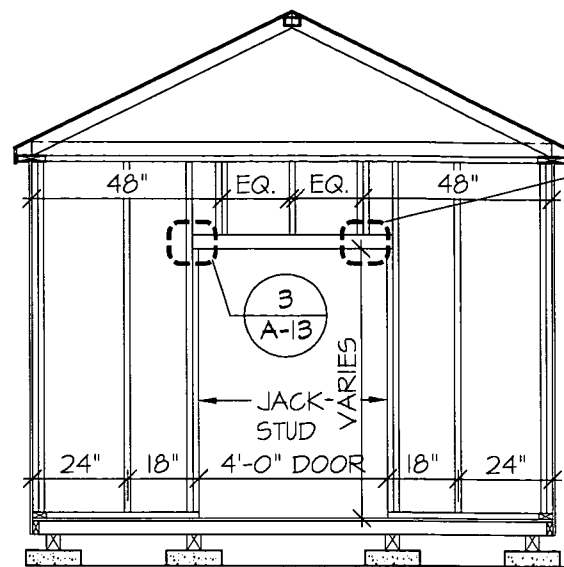
A-5

11 OF 28

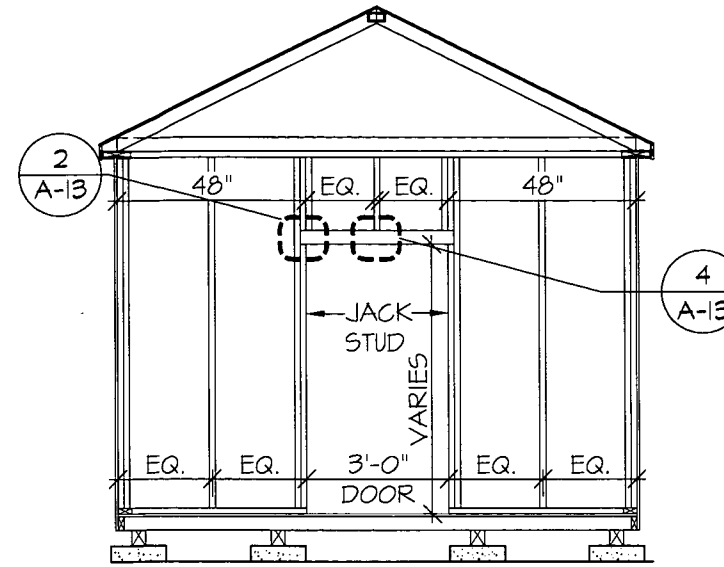
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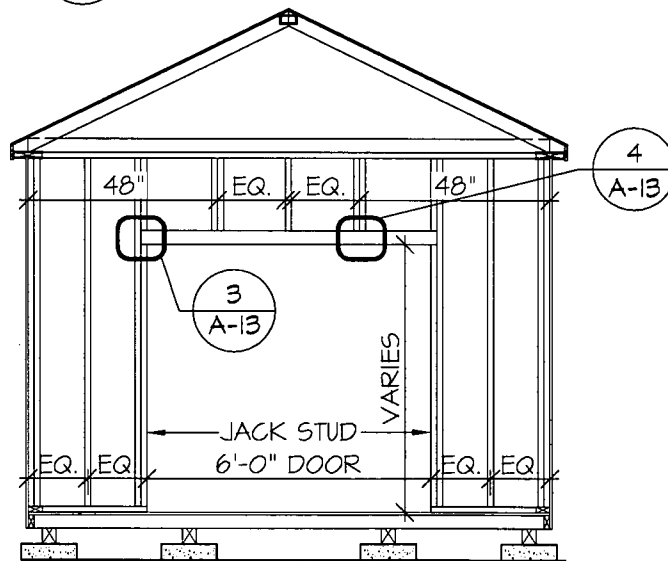
1
A-6 11'-0" SHED ENDWALL
WITH NO OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



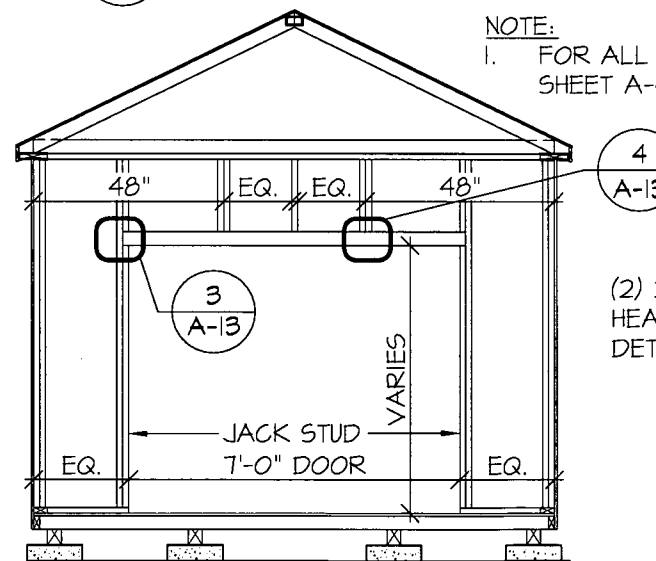
2
A-6 11'-0" SHED ENDWALL
WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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

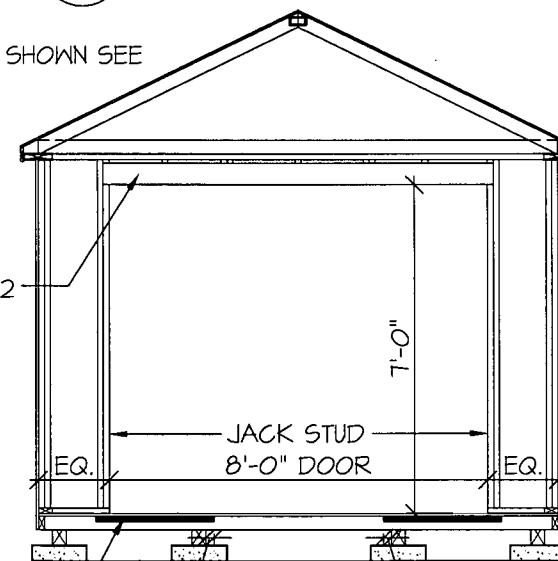


4
A-6 11'-0" SHED ENDWALL
WITH 6' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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

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



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

(2) 2x6 S.P.F #2
HEADER. SEE
DETAIL 3/A-12

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

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
 SC# 27542 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MA# 40905
 PA# 079009 VA# 045543
 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

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

FRAMING ELEVATIONS

Professional Engineer Seal: No. 30637, 3/31/17, THOMAS A. DIXON

DATE: 3/30/17
 DRAWN BY: CNO
 CHECKED BY: TAD
 SCALE: AS NOTED
 W.O. NO: 495-078

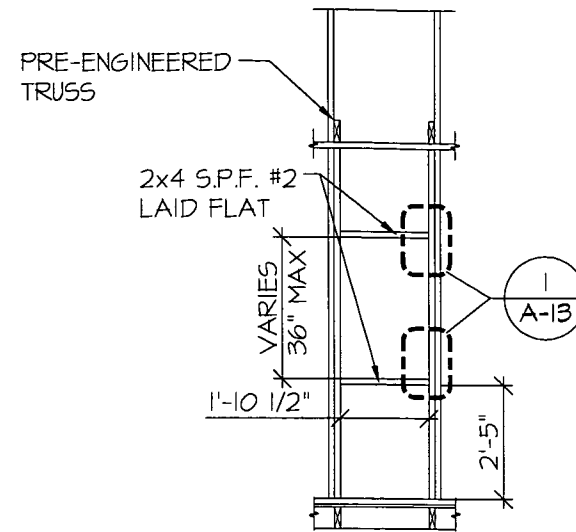
SHEET
A-6
 12 OF 28

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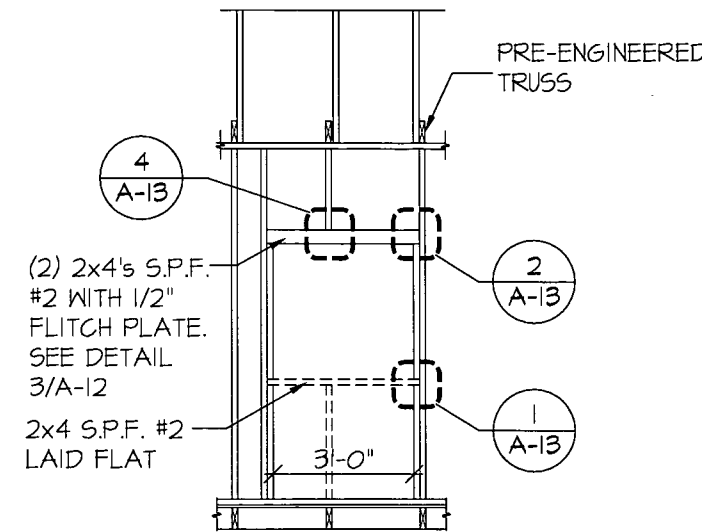
AREA FOR APPROVAL STAMPS

NOTE:

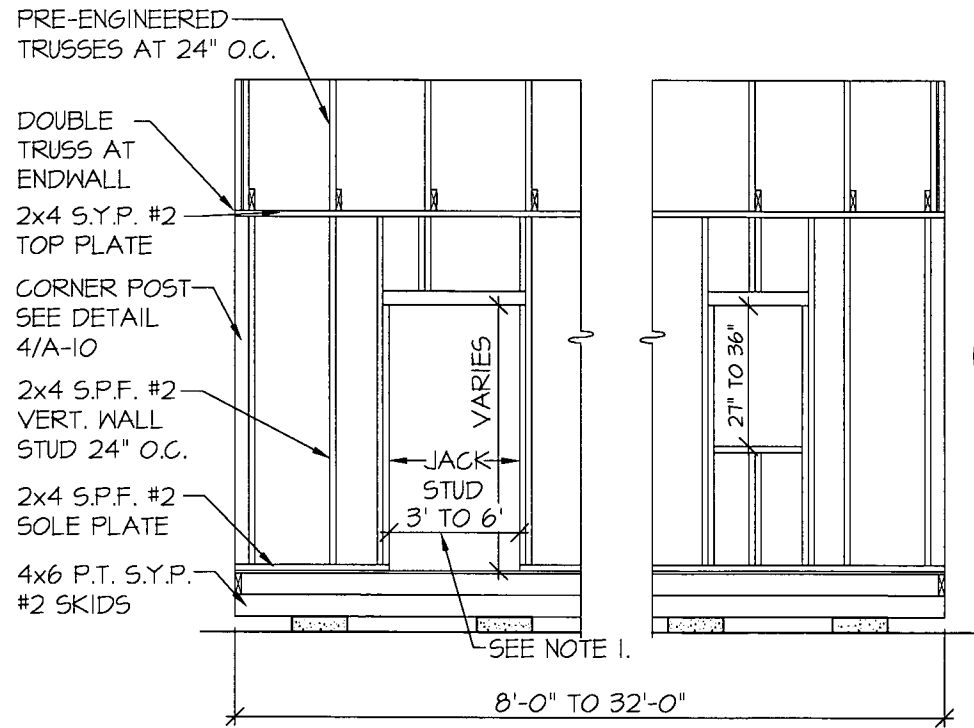
- 1. MAX OPENING MAY BE INCREASED TO 8'-0" PROVIDED THE BUILDING LENGTH IS OVER 16' IN LENGTH AND THE CRITERIA IN NOTE NUMBER 5 OF THE SHEARWALL CHART 1/A-2 IS MET. HEADER SHALL BE (2) 2X8'S.



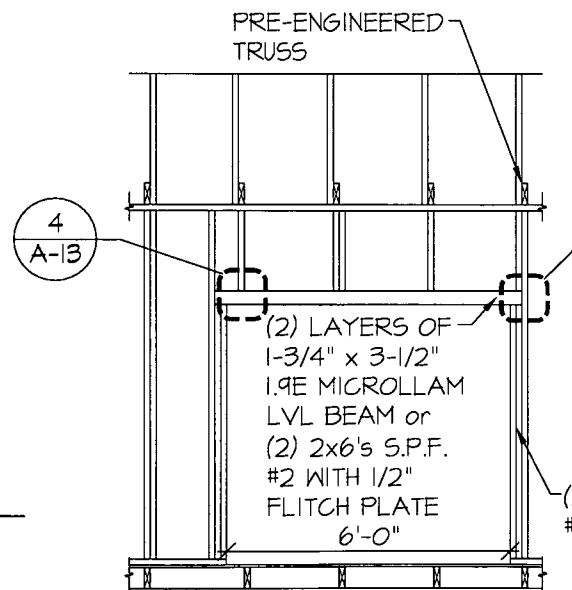
1
A-7
SCALE: 1/4" = 1'-0"
SIDEWALL OR ENDWALL
2'-0" NOMINAL WINDOW HEADER AND SILL
FRAMING ELEVATION



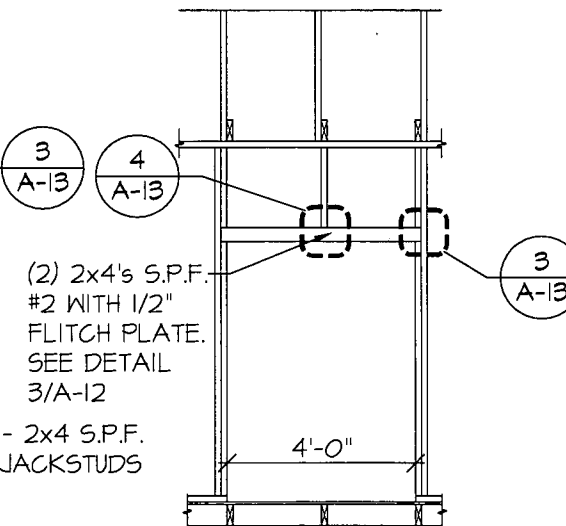
2
A-7
SCALE: 1/4" = 1'-0"
SIDEWALL
3'-0" OPENING HEADER AND SILL
FRAMING ELEVATION



3
A-7
SCALE: 1/4" = 1'-0"
SIDEWALL
FRAMING ELEVATION



4
A-7
SCALE: 1/4" = 1'-0"
SIDEWALL
6'-0" DOOR HEADER
FRAMING ELEVATION



5
A-7
SCALE: 1/4" = 1'-0"
SIDEWALL
4'-0" DOOR HEADER
FRAMING ELEVATION

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

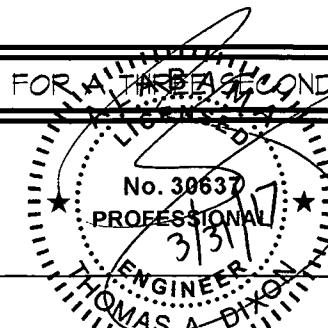
AL# 30637 MS# 19034 KS# 21198
SC# 27592 NC# 035985 GA# 034371
WV# 071936 TX# 104353 MA# 40905
PA# 079009 VA# 045593
TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES

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VALDOSTA, GA 31601
PHONE: 1-229-241-8805

FRAMING ELEVATIONS



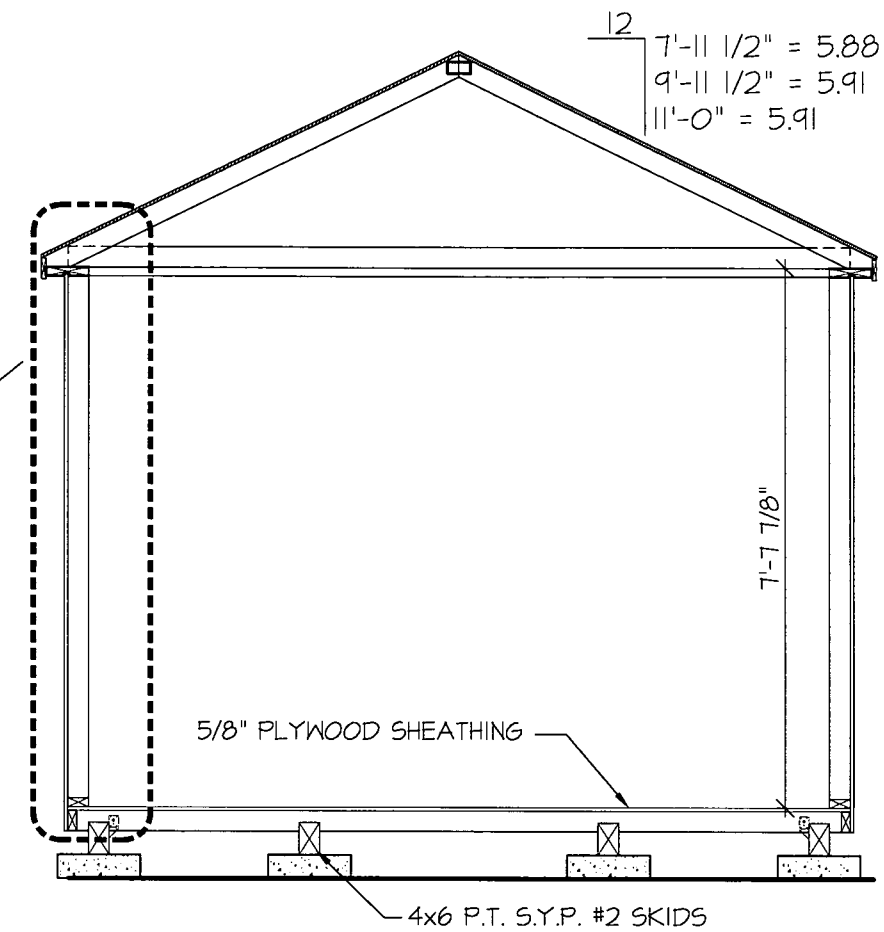
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DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

SHEET
A-7
13 OF 28

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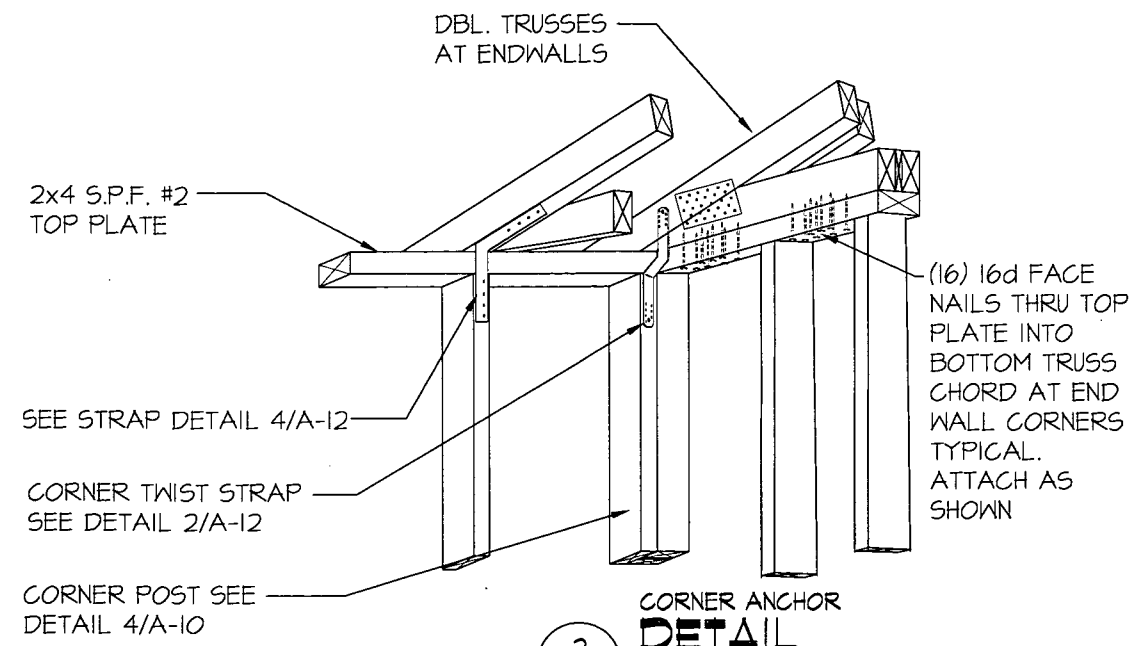
AREA FOR APPROVAL STAMPS

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

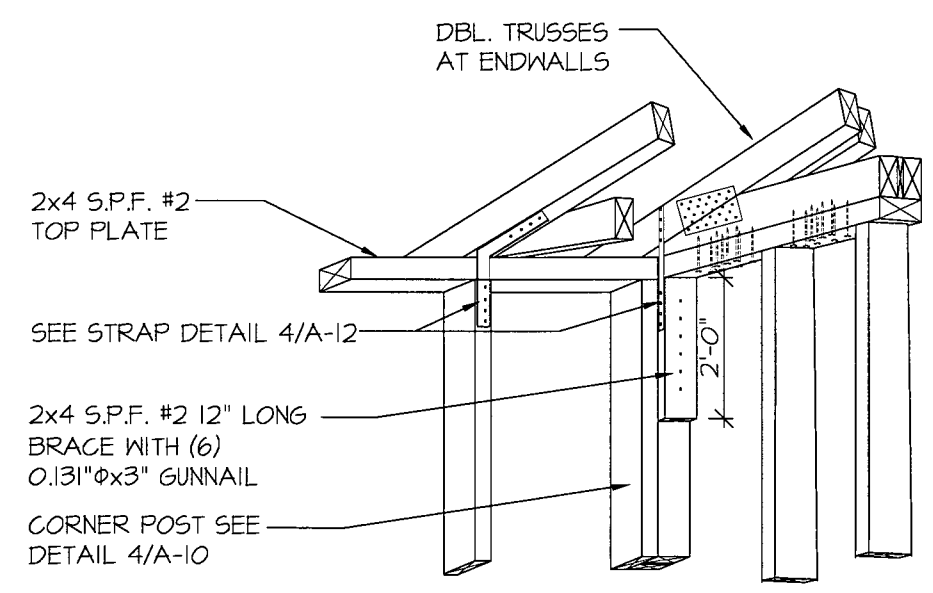


1 CROSS SECTION
A-B SCALE: 3/8" = 1'-0"

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



2 CORNER ANCHOR DETAIL
A-8 SCALE: N.T.S.



3 ALTERNATE CORNER ANCHOR DETAIL
A-8 SCALE: N.T.S.

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

AL# 30637 M5# 19034 K5# 21198 DIXON ENGINEERING, INC.
 SC# 27542 NC# 035485 GA# 034371 STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
 WV# 071936 TX# 104353 MA# 40905 10410 MAIN STREET
 PA# 079009 VA# 045593 THONOTOSASSA, FL 33542
 TN# 112761 FL# 34222 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES
 UTILITY SHED
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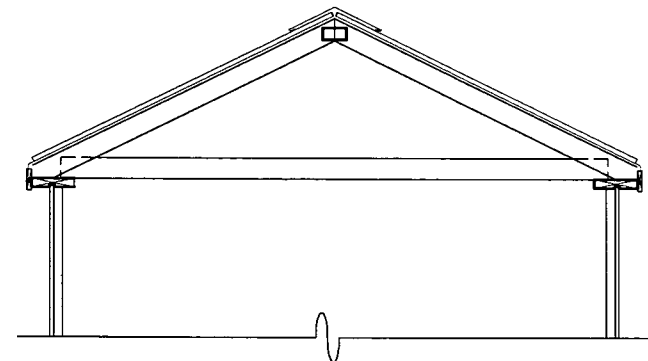
SECTION & DETAIL

Professional Engineer Seal: No. 30637, THOMAS A. DIXON, ENGINEER, FLORIDA.

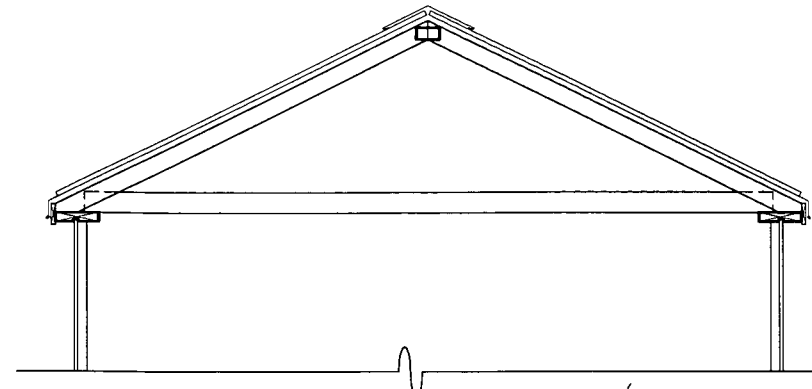
DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

SHEET
A-8
14 OF 28

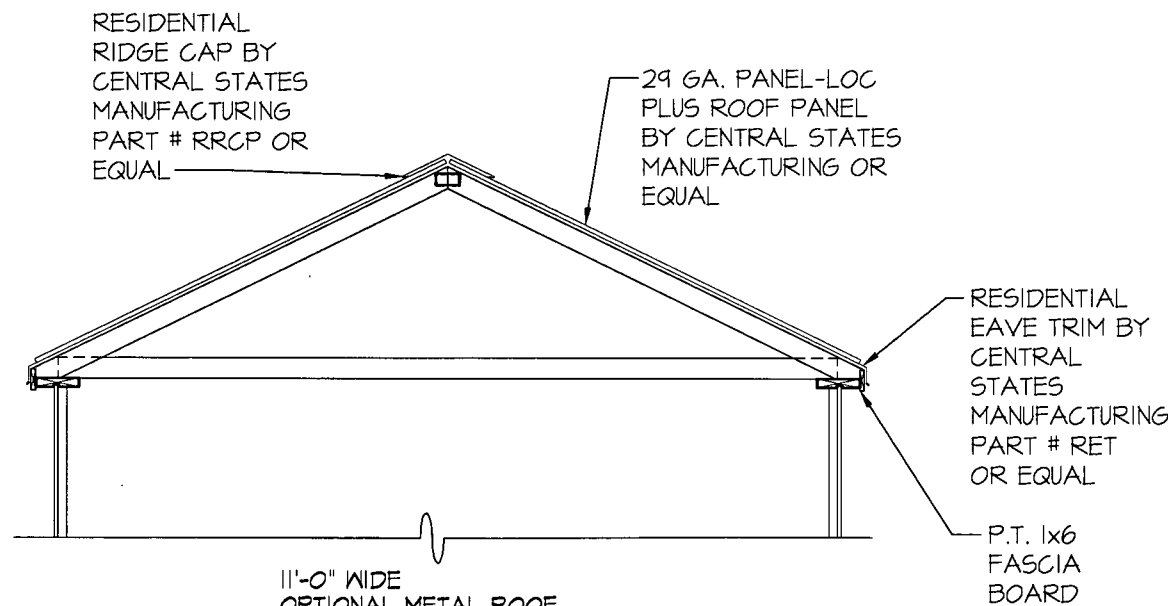
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1
A-9
**7'-11" WIDE
OPTIONAL METAL ROOF
CROSS SECTION**
SCALE: 3/8" = 1'-0"



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



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

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

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

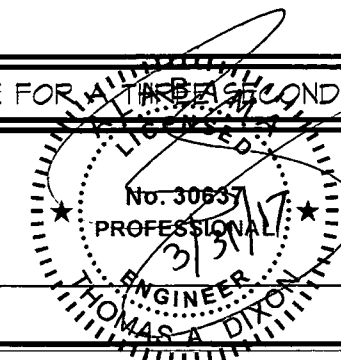
THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198 DIXON ENGINEERING, INC.
SC# 27542 NC# 035985 GA# 034371 STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
WV# 071936 TX# 104353 MA# 40905 10410 MAIN STREET
PA# 071009 VA# 045593 THONOTOSASSA, FL 33592
TN# 112761 FL# 34222 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

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

DETAILS



DATE: 3/30/17
DRAWN BY: CNO
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-078

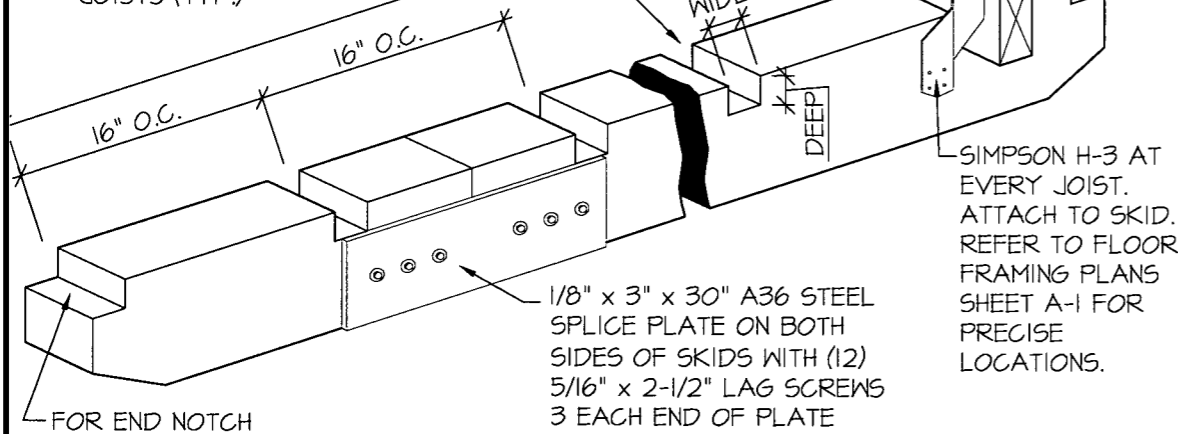
SHEET

A-9

15 OF 28

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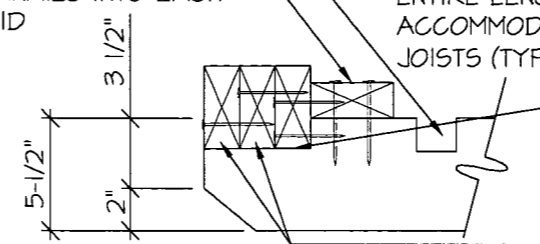
4x6 P.T. S.Y.P. #2 SKID WITH 1-1/2" WIDE BY 3/4" OR 1-1/2" DEEP NOTCHES AT 16" O.C. ENTIRE LENGTH OF SKID TO ACCOMMODATE FLOOR JOISTS (TYP.)



1 ISOMETRIC SKID
DETAIL
A-10 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

2x4 P.T. S.Y.P. #2 PULLING BLOCK W/ (2) 0.131"φ x 3" GUNNAILS INTO EACH SKID

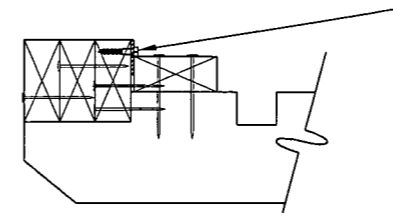


2 END WALL JOISTS TYP. END OF SKID
DETAIL
A-10 SCALE: 1 1/2" = 1'-0"

4x6 P.T. S.Y.P. #2 SKID WITH 1-1/2" WIDE BY 3/4" OR 1-1/2" DEEP NOTCHES AT 16" O.C. ENTIRE LENGTH OF SKID TO ACCOMMODATE FLOOR JOISTS (TYP.)

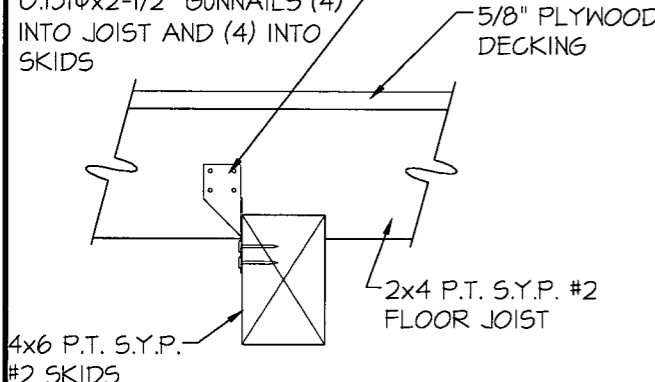
2x4 P.T. S.Y.P. #2 FLOOR JOIST 16" O.C. W/ (2) 0.131"φ x 3" GUNNAILS (1) INTO EACH SKID TOENAILED

2x4 P.T. S.Y.P. #2 FLOOR JOIST ATTACHED WITH 10d NAILS AT 8" O.C. STAGGERED

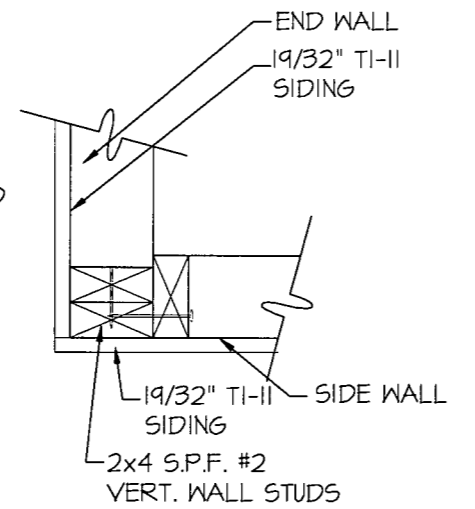


6 11' WIDE WITH 8' WIDE DOOR END OF SKID
DETAIL
A-10 SCALE: 1 1/2" = 1'-0"

(1) H3 SIMPSON HURRICANE ANCHOR OR EQUAL AT EVERY JOIST W/ (8) TOTAL 0.131φx2-1/2" GUNNAILS (4) INTO JOIST AND (4) INTO SKIDS

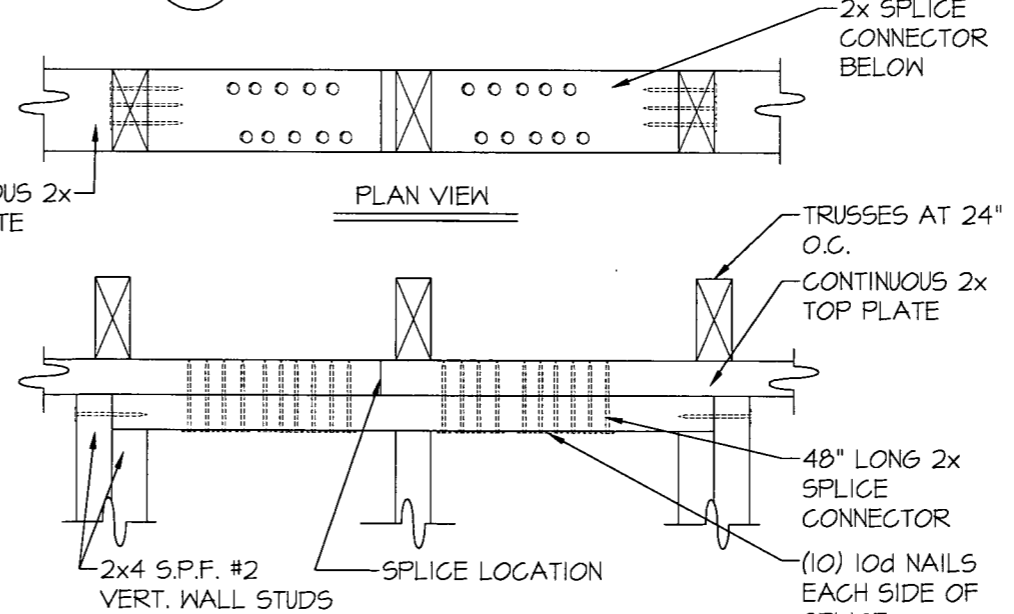


3 SKID CONNECTION
DETAIL
A-10 SCALE: 1 1/2" = 1'-0"



4 CORNER CONNECTION
DETAIL
A-10 SCALE: 1 1/2" = 1'-0"

CONTINUOUS 2x TOP PLATE ABOVE



5 SPLICE CONNECTION
DETAIL
A-10 SCALE: 1 1/2" = 1'-0"

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE 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 MA# 40905 PA# 079009 VA# 045593 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
UTILITY SHED
100 DOUGLAS STREET
VALDOSTA, GA 31601
PHONE: 1-229-241-8805

DETAILS

Professional Engineer Seal: No. 30637, THOMAS A. DIXON, ENGINEER, dated 3/31/17.

DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

SHEET
A-10
16 OF 28

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AREA FOR APPROVAL STAMPS

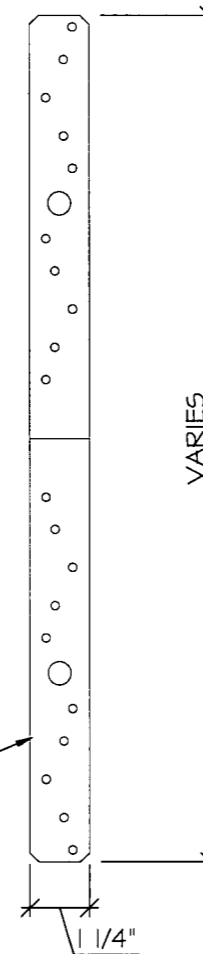


NOTE:
FOR ALL FASTENING OF FRAMING
MEMBERS NOT NOTED ON THIS SHEET
REFER TO FASTENING SCHEDULE ON
SHEETS C-4 THRU C-6

16 GAUGE GALVANIZED STEEL WITH
(14) TOTAL (7) EACH END
0.148"φx1-1/2" NAILS OR EQUAL INTO
RAFTERS AND STUD WALLS

SIMPSON MTS12 OR
EQUAL TWIST STRAP

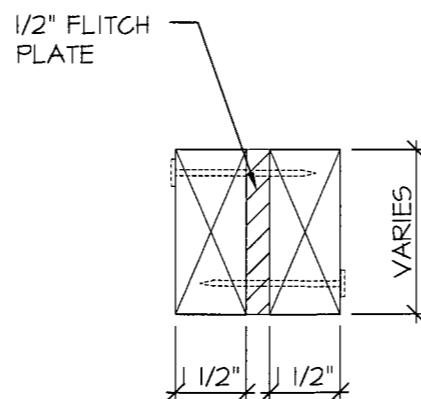
2
DETAIL
SCALE: 3" = 1'-0"



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

20 GAUGE x 1-1/4" GALV.
STEEL STRAP WITH (20)
0.131"φ x 2-1/4" NAILS
OR EQUAL (13) INTO
RAFTERS AND (7) INTO
STUD WALL

4
20 GAGE STRAP
DETAIL
SCALE: 3" = 1'-0"



3
HEADER
SECTION
SCALE: 3" = 1'-0"

REV	BY	DATE	DESCRIPTION

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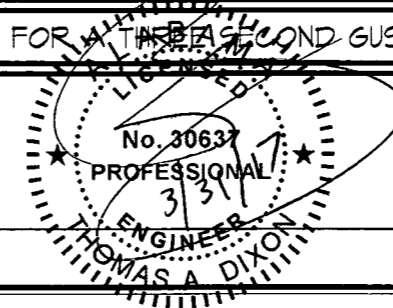
THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198	DIXON ENGINEERING, INC.
SC# 27592 NC# 035985 GA# 034371	STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
WV# 071936 TX# 104353 MA# 40905	10410 MAIN STREET
PA# 079009 VA# 045593	THONOTOSASSA, FL 33592
TN# 112761 FL# 34222	VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

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

DETAILS



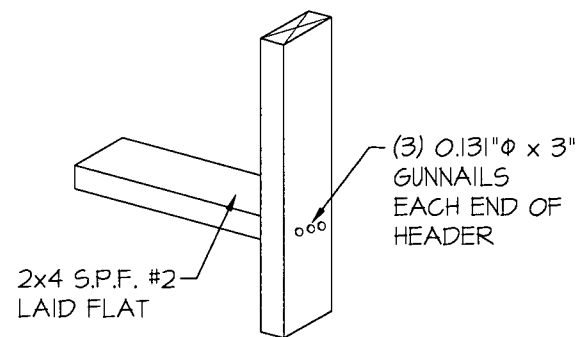
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DRAWN BY:	CNO
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SCALE:	AS NOTED
W.O. NO:	495-078

SHEET

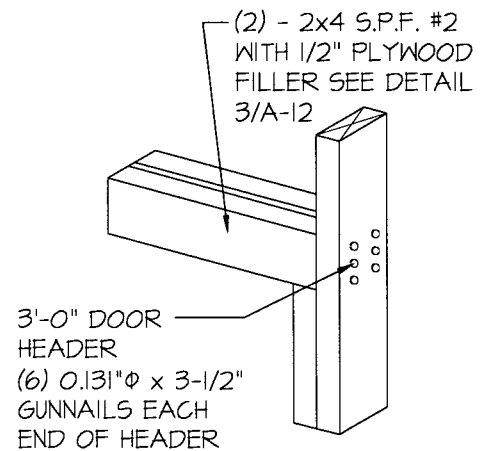
A-12

18 OF 28

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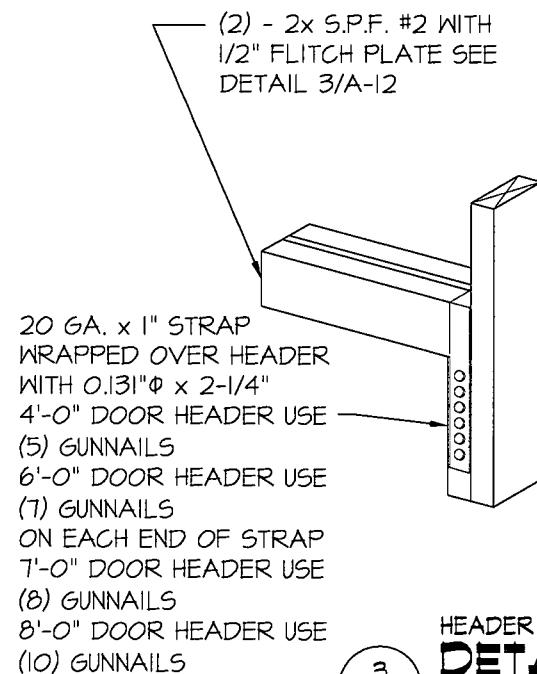


1
A-13
WINDOW HEADER AND SILL
DETAIL
SCALE: N.T.S.

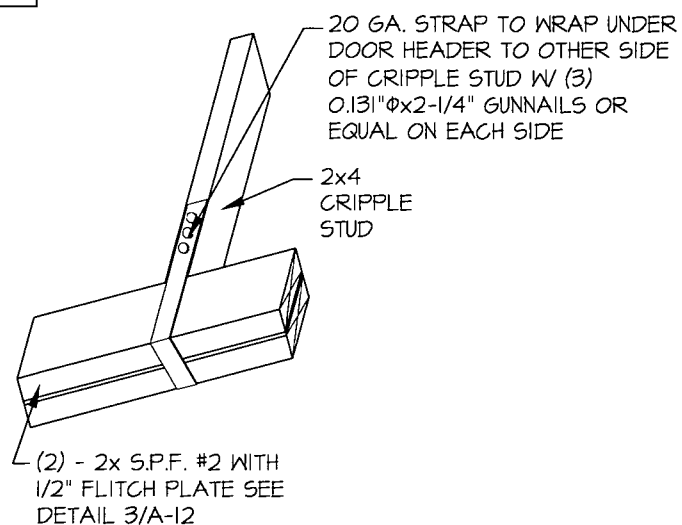


2
A-13
HEADER WITH OUT STRAP
DETAIL
SCALE: N.T.S.

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



3
A-13
HEADER WITH STRAP
DETAIL
SCALE: N.T.S.



4
A-13
CRIPPLE STUD STRAP
DETAIL
SCALE: N.T.S.

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

AL# 30631 M5# 19034 K5# 21198
 SC# 27542 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MA# 40905
 PA# 079009 VA# 045593
 TN# 112761 FL# 34222

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

COOK PORTABLE WAREHOUSES

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

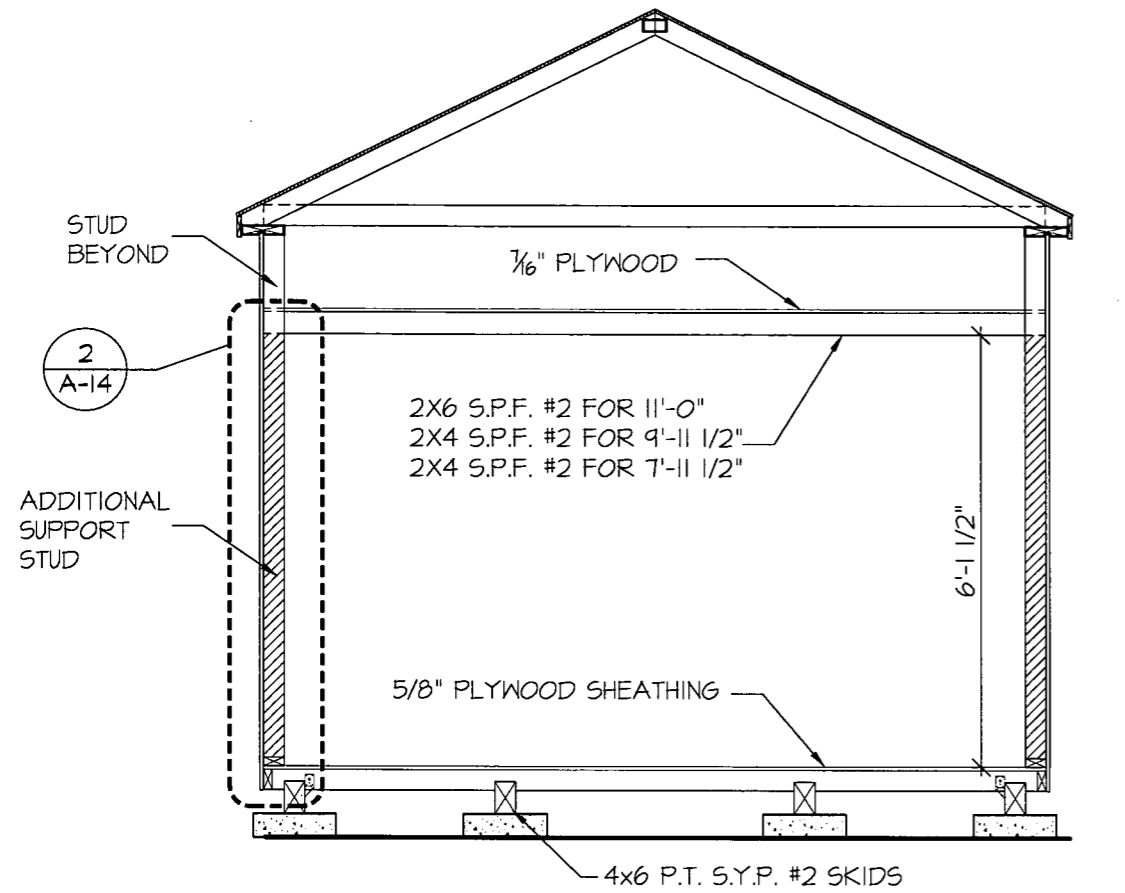
DETAILS

DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

SHEET
A-13
 19 OF 28

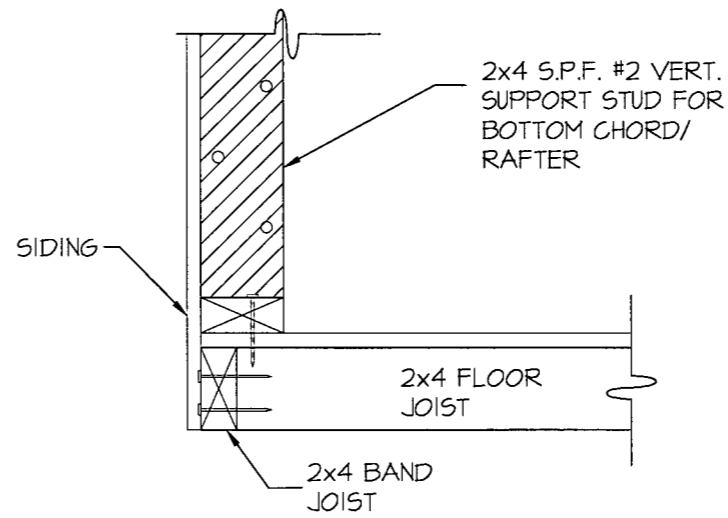
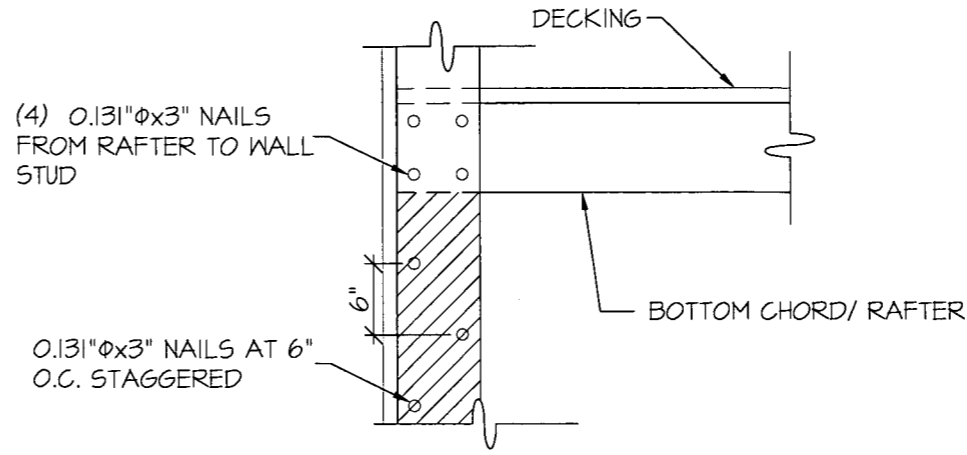
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AREA FOR APPROVAL STAMPS



1
A-14
OPTIONAL CROSS SECTION
SCALE: 3/8" = 1'-0"

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



2
A-14
ADDITIONAL WALL STUD TO RAFTER DETAIL
SCALE: N.T.S.

REV	BY	DATE	DESCRIPTION

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THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198	DIXON ENGINEERING, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306
SC# 27542 NC# 035985 GA# 034371	
WV# 071936 TX# 104353 MA# 40905	
PA# 079009 VA# 045593	
TN# 112761 FL# 34222	

COOK PORTABLE WAREHOUSES
UTILITY SHED
100 DOUGLAS STREET
VALDOSTA, GA 31601
PHONE: 1-229-241-8805

DETAILS

DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

SHEET
A-14
20 OF 28

ANCHORING GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DETAIL AND DIMENSIONS. ANY DISCREPANCIES BETWEEN SUCH DETAILS AND DIMENSIONS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION PROCEDURE AND SEQUENCE TO INSURE THE INTEGRITY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION.
4. THESE PLANS HAVE BEEN PREPARED PER REGULATIONS OF THE 2014 FLORIDA BUILDING CODE. THE WORK OF ALL CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN THE AFOREMENTIONED CODE. NO DEVIATIONS FROM THE WORK SHOWN OR REASONABLY IMPLIED SHALL BE UNDERTAKEN WITHOUT THE ENGINEER'S WRITTEN CONSENT - A COPY OF WHICH WILL BE FILED WITH THE CONSTRUCTION OFFICIAL.
5. ANY CHANGES TO OR DEVIATIONS FROM THESE DRAWINGS SHALL NOT BE MADE WITHOUT WRITTEN CONSENT FROM THE ENGINEER.
6. THESE DRAWINGS ARE THE PROPERTY OF THE ENGINEER AND SHALL NOT BE USED WITHOUT HIS CONSENT. DRAWINGS SHALL NOT BE USED FOR ISSUE OF BUILDING PERMIT UNLESS SIGNED AND SEALED BY THE ENGINEER.
7. 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. THE DRAWINGS SHOW THE GENERAL ARRANGEMENTS AND EXTENT OF THE WORK. AS THE WORK PROGRESSES, THE OWNER AND THE CONTRACTOR, AT NO EXTRA COSTS, SHALL MAKE MODIFICATIONS TO MAKE THE PARTS ALIGN.
8. ALL WORK AND MATERIALS SHALL MEET THE REQUIREMENTS OF LOCAL AND STATE CODES AND THE SPECS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS. CONTRACTORS SHALL CHECK AND VERIFY ALL PLAN DIMENSIONS AND CONDITIONS BEFORE PROCEEDING CONSTRUCTION. HE SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. THE DISCOVERY OF DISCREPANCIES AFTER THE BEGINNING OF WORK WILL BE EVIDENCE OF FAULTY WORK AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DO NOT SCALE DRAWINGS. ALL WRITTEN DIMENSIONS GOVERN.
9. THE CONTRACTOR FOR THIS PROJECT SHALL INCLUDE ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE TOTAL PROJECT. THE CONTRACTOR SHALL FURNISH AND PAY FOR ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, MACHINERY, TRANSPORTATION, HEAT, WATER, UTILITIES, AND ALL OTHER FACILITIES AND SERVICES REQUIRED FOR THE SAFE AND PROPER EXECUTION AND COMPLETION OF THE WORK. THE ENGINEER SHALL BE THE INTERPRETER OF THE CONTRACT DOCUMENTS.
10. THE DOCUMENTS SHOW AN OVERVIEW OF THE WORK REQUIRED UNDER THIS CONTRACT AND RELATED REQUIREMENTS AND CONDITIONS THAT WILL IMPACT THE PROJECT. ALL DRAWINGS ARE COMPLIMENTARY. THE DRAWINGS GENERALLY SHOW THE INTENT OF THE OVERALL COMPLEXITY AND CONCEPTS OF THE PROJECT, AND DO NOT NECESSARILY SHOW ALL DETAILS AND CONDITIONS. ALL NEW INTERIOR CONCRETE SLABS AND FOUNDATION WALLS AND FOOTINGS SHALL HAVE SOIL POISONING UNDER NEW WORK AND SHALL BE INSTALLED BY A LICENSED CONTRACTOR.
11. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE AND DEPARTMENT OF AGRICULTURE, STRUCTURAL PEST CONTROL DIVISION REGULATIONS, RULES, DEFINITIONS AND REQUIREMENTS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND MAINTAINING ALL EXISTING SETBACKS, EASEMENTS, AND ANY DEED RESTRICTIONS.
13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CLEANUP AND SHALL INCLUDE THE SITE, AND THE BUILDING. THE ENTIRE PROJECT SHALL BE LEFT IN A NEW, CLEAN CONDITION.

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE FOR WIND SPEEDS OF 160 MPH.

THOMAS A. DIXON, P.E.

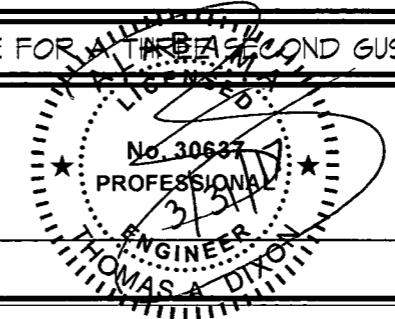
AL# 30637 MS# 19034 KS# 21198
 SC# 21542 NC# 035485 GA# 034371
 WV# 071936 TX# 104353 MA# 40905
 PA# 079009 VA# 045543
 TN# 112761 FL# 34222

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

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

ANCHOR GENERAL NOTES



DATE: 3/30/17
 DRAWN BY: CNO
 CHECKED BY: TAD
 SCALE: AS NOTED
 W.O. NO: 495-078

SHEET
F-1
 21 OF 28

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AREA FOR APPROVAL STAMPS

MWFRS 160 MPH EXP. "B"				
ZONE	TABLE PRESSURE ¹	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	WORKING PRESSURE (PSF)
A	49.8	1.0	0.6	29.9
B	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 ¹	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	WORKING PRESSURE (PSF)
A	32.8	1.0	0.6	19.7
B	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 PRESSURE ¹	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	WORKING PRESSURE (PSF)
A	23.5	1.0	0.6	14.1
B	6.3	1.0	0.6	3.8
E	-8.0	1.0	0.6	-4.8
F	-14.3	1.0	0.6	-8.6

NOTES:

- SEE FIGURE 28.6-1 PAGE 303-305 IN ASCE7-10.
- SEE FIGURE 28.6-1 PAGE 305 IN ASCE7-10.
- SEE SECTION 2.4.1 IN ASCE7-10.
- DESIGN PRESSURES SHOWN ARE BASED ON WORST CASE DESIGN CONDITIONS OF BUILDINGS FOR WIND VELOCITIES PER 2014 F.B.C.

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

AL# 30631 MS# 19034 KS# 21198
 SC# 27542 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MA# 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
 UTILITY SHED
 100 DOUGLAS STREET
 VALDOSTA, GA 31601
 PHONE: 1-229-241-8805

EXPOSURE B WIND CHARTS

NO. 30837
 PROFESSIONAL
 3/31/17
 ENGINEER
 THOMAS A. DIXON

DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-078

SHEET

F-2

22 OF 28

AREA FOR APPROVAL STAMPS

MWFRS 160 MPH EXP. "C"				
ZONE	TABLE PRESSURE ¹	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	WORKING PRESSURE (PSF)
A	49.7	1.21	0.60	36.1
B	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 ¹	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	WORKING PRESSURE (PSF)
A	32.8	1.21	0.6	23.8
B	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 ¹	ADJUSTMENT FACTOR ²	LOAD COMBINATION FACTOR ³	WORKING PRESSURE (PSF)
A	23.6	1.21	0.6	17.1
B	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 28.6-1 PAGE 303-305 IN ASCET-10.
- SEE FIGURE 28.6-1 PAGE 305 IN ASCET-10.
- SEE SECTION 2.4.1 IN ASCET-10.
- DESIGN PRESSURES SHOWN ARE BASED ON WORST CASE DESIGN CONDITIONS OF BUILDINGS FOR FOR WIND VELOCITIES PER 2014 F.B.C.

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.	
AL# 30631 M5# 19034 KS# 21198 SC# 27542 NC# 035985 GA# 034371 NV# 071936 TX# 104353 MA# 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

<p>COOK PORTABLE WAREHOUSES UTILITY SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805</p> <p>EXPOSURE C WIND CHARTS</p>
--

DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO.:	495-078

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AREA FOR APPROVAL STAMPS

SCHEDULES FOR ANCHORS PLACED VERTICAL INTO GROUND

**ANCHORING SCHEDULE FOR UP TO 110 MPH WIND SPEED,
EXPOSURE "B"**

BLDG WIDTH	NUMBER OF ANCHORS EACH SIDE												
	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

**ANCHORING SCHEDULE FOR 111 TO 130 MPH WIND SPEED,
EXPOSURE "B"**

BLDG WIDTH	NUMBER OF ANCHORS EACH SIDE												
	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

**ANCHORING SCHEDULE FOR 131 TO 160 MPH WIND SPEED,
EXPOSURE "B"**

BLDG WIDTH	NUMBER OF ANCHORS EACH SIDE												
	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"	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

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

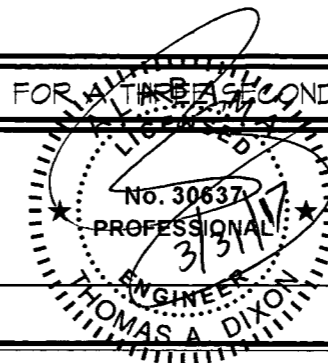
THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198 DIXON ENGINEERING, INC.
 SC# 27592 NC# 035985 GA# 034371 STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
 WV# 071936 TX# 104353 MA# 40905 10410 MAIN STREET
 PA# 079009 VA# 045593 THONOTOSASSA, FL 33592
 TN# 112761 FL# 34222 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

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

EXPOSURE B ANCHORING CHARTS



DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-078

SHEET

F-4

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AREA FOR APPROVAL STAMPS

SCHEDULES FOR ANCHORS PLACED VERTICAL INTO GROUND

ANCHORING SCHEDULE FOR UP TO 110 MPH WIND SPEED, EXPOSURE "C"													
BLDG WIDTH	NUMBER OF ANCHORS EACH SIDE												
	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

ANCHORING SCHEDULE FOR 111 TO 130 MPH WIND SPEED, EXPOSURE "C"													
BLDG WIDTH	NUMBER OF ANCHORS EACH SIDE												
	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'-11"	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

ANCHORING SCHEDULE FOR 131 TO 160 MPH WIND SPEED, EXPOSURE "C"													
BLDG WIDTH	NUMBER OF ANCHORS EACH SIDE												
	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

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

THOMAS A. DIXON, P.E.

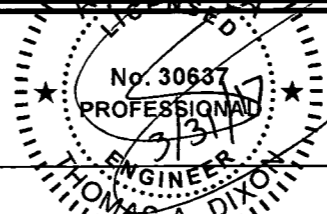
AL# 30637 MS# 19034 KS# 21198
 SC# 27592 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MA# 40905
 PA# 079009 VA# 045593
 TN# 112761 FL# 34222

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

EXPOSURE C ANCHORING CHARTS

No. 30637
 PROFESSIONAL ENGINEER
 THOMAS A. DIXON



DATE: 3/30/17
 DRAWN BY: CNO
 CHECKED BY: TAD
 SCALE: AS NOTED
 W.O. NO: 495-078

SHEET
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 25 OF 28

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AREA FOR APPROVAL STAMPS

GROUND ANCHOR SCHEDULE

MODEL #	PART #	DESCRIPTION	SOIL CLASS
M12H5/8	59080 / 59081	48" x 5/8" ROD WITH (1) 6" HELIX	4A
M12H3/4	59085 / 59094	48" x 3/4" ROD WITH (1) 6" HELIX	4A
M1423/4	59128	42" x 3/4" ROD WITH (2) 4" HELIX	4A
M1483/4	59086	48" x 3/4" ROD WITH (2) 4" HELIX	4A
M12H64	59250	36" x 3/4" ROD WITH (1) 4" HELIX, AND (1) 6" HELIX	4A
N/A	59065	EYE ANCHOR - 48" x 5/8" WITH (1) 6" HELIX	4A
N/A	59045	EYE ANCHOR - 48" x 3/4" WITH (1) 6" HELIX	4A
M607	59099	60" x 3/4" WITH (1) 7" HELIX	4B
N/A	59040	EYE ANCHOR - 60" x 3/4" WITH (1) 8" HELIX	4B

NOTE:

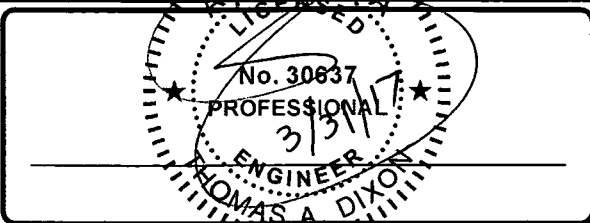
- ALL APPROVED ANCHORS LISTED ABOVE ARE MANUFACTURED BY TIE DOWN ENGINEERING.
- THE CONTRACTOR MAY USE AN APPROVED EQUIVALENT WITH APPROVAL FROM THE EOR.

REV	BY	DATE	DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE FOR A WIND SPEED AND 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 MA# 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

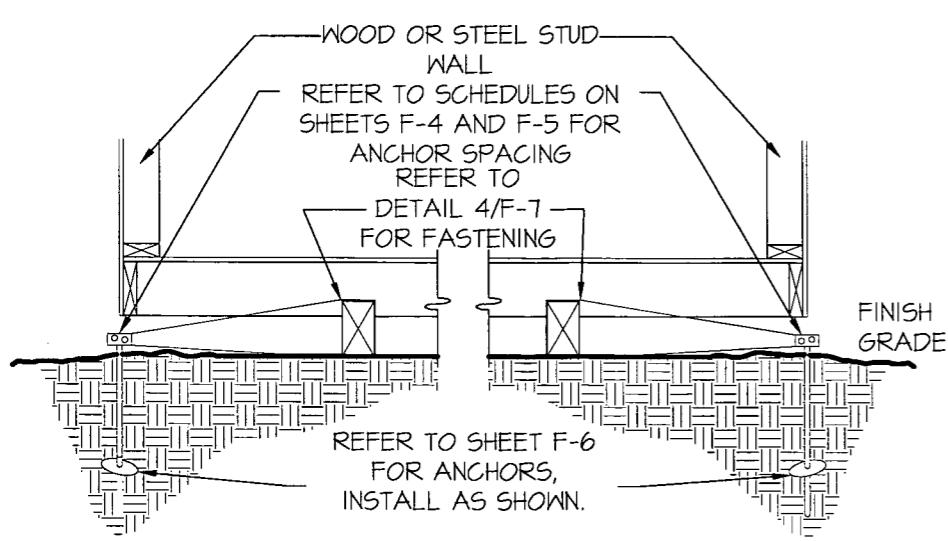
COOK PORTABLE WAREHOUSES UTILITY SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805
GROUND ANCHOR SCHEDULE



DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-078

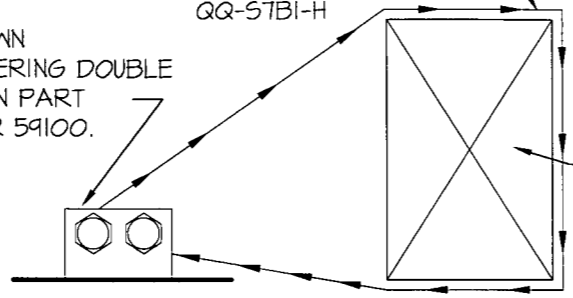
SHEET
F-6
26 OF 28

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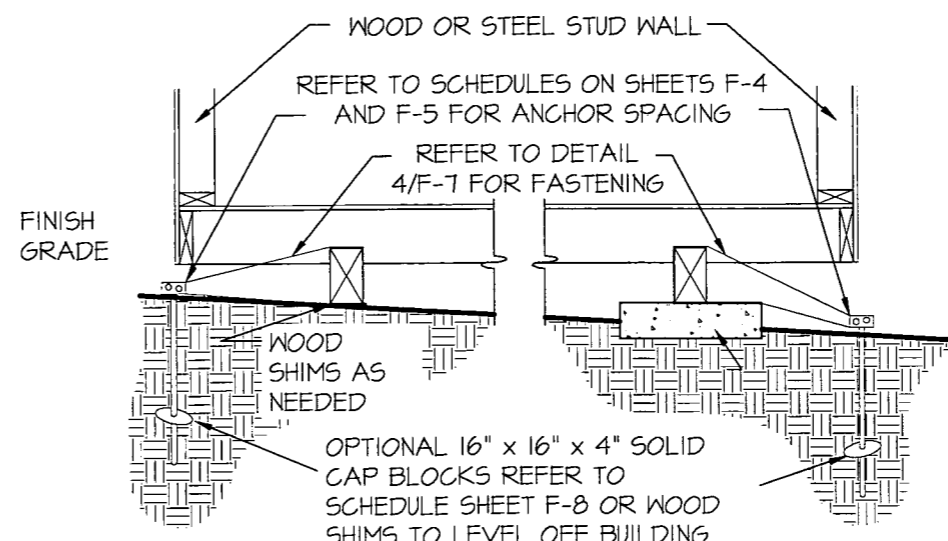


NOTE:
SHIMS MAY BE PLACED UNDER SKIDS IN ORDER TO LEVEL THE BUILDING.

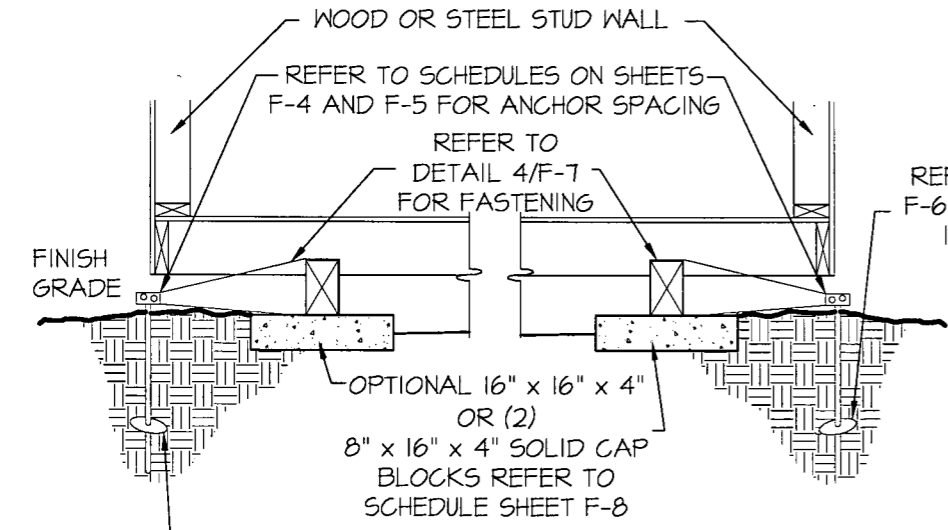
0.035" MIN. x 1-1/4" x 7'-0" GALVANIZED STEEL STRAPPING FED. SPEC. QQ-5TBI-H



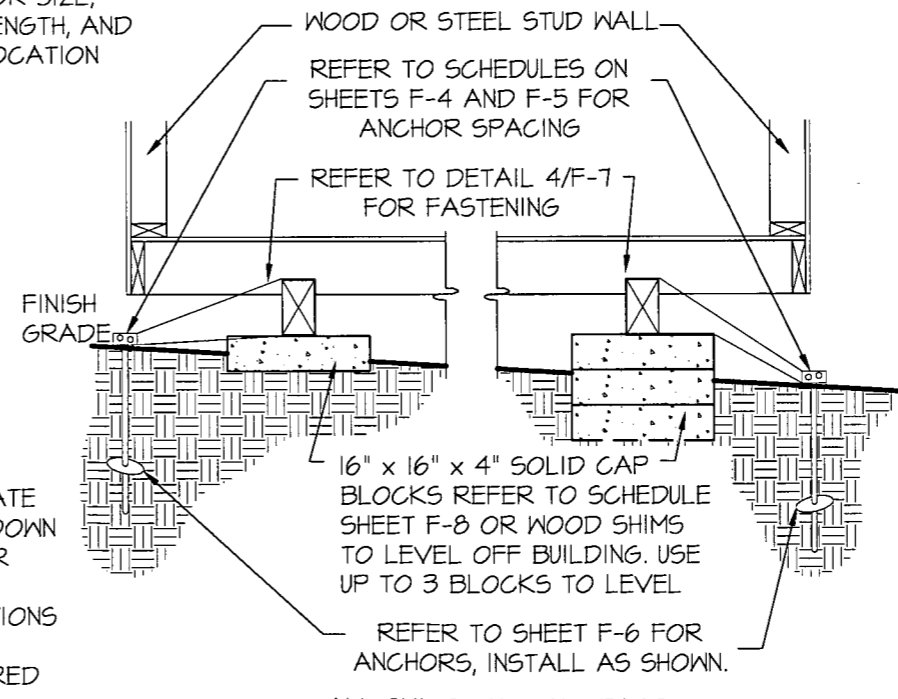
4 STRAP TO SKID DETAIL
F-7 SCALE: N.T.S.



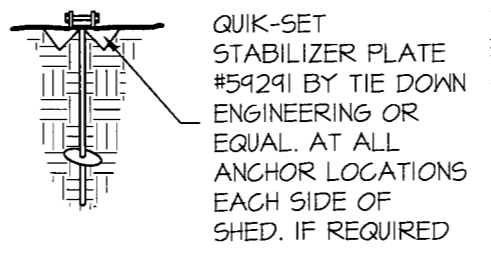
2 SKIDS ON GRADE & CONC. PADS VERTICAL ANCHOR UN-LEVEL GROUND SECTION
F-7 SCALE: N.T.S.



5 ALL SKIDS ON CONC. PADS VERTICAL ANCHOR SECTION
F-7 SCALE: N.T.S.



6 ALL SKIDS ON CONC. PADS VERTICAL ANCHOR UN-LEVEL GROUND SECTION
F-7 SCALE: N.T.S.



3 STABILIZER PLATE OPTIONAL DETAIL
F-7 SCALE: N.T.S.

AREA FOR APPROVAL STAMPS			
REV	BY	DATE	DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE FOR A WIND SPEED OF 160 MPH.

THOMAS A. DIXON, 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 ENGINEERING, INC.
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COOK PORTABLE WAREHOUSES
 UTILITY SHED
 100 DOUGLAS STREET
 VALDOSTA, GA 31601
 PHONE: 1-229-241-8805

ANCHORING DETAILS

Professional Engineer Seal:
 No. 30637
 PROFESSIONAL ENGINEER
 THOMAS A. DIXON

DATE:	3/30/17
DRAWN BY:	CNO
CHECKED BY:	TAD
SCALE:	AS NOTED
W.O. NO:	495-078

SHEET
F-7
 27 OF 28

AREA FOR APPROVAL STAMPS

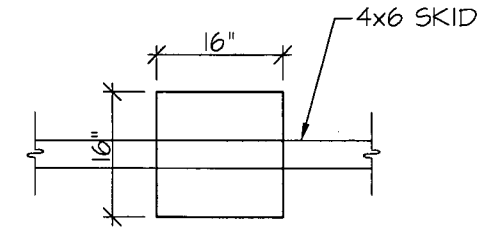
16" x 8" x 4" PAD SCHEDULE FOR ALL WIND SPEEDS, EXPOSURES, AND 40 PSF FLOOR LOAD

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"	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.
	11'-0"	3	3	3	3	4	4	4	4	5	5	5	6	6

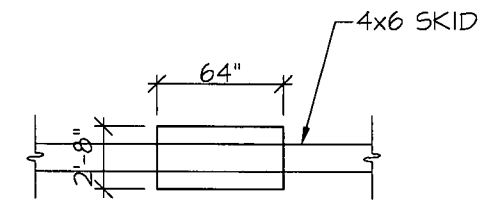
16" x 16" x 4" PAD SCHEDULE FOR ALL WIND SPEEDS, EXPOSURES, AND 40 PSF FLOOR LOAD

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

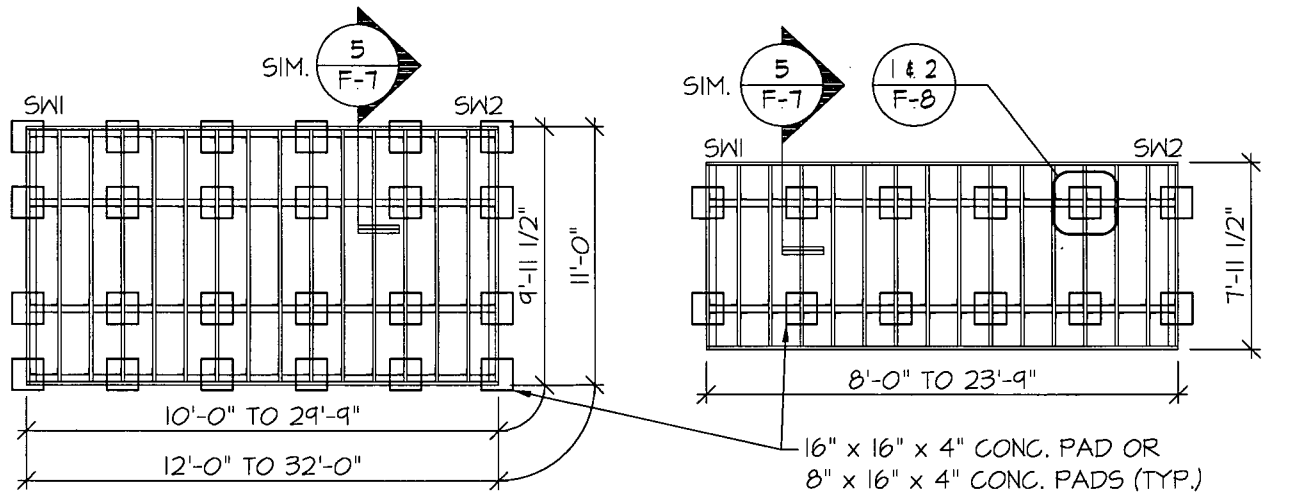
- NOTE:
1. CONCRETE PADS ARE OPTIONAL.
 2. DIMENSIONS SHOWN ARE NOMINAL.
 3. ANCHORS ARE REQUIRED MIN. (4) PER BUILDING, (1) AT EACH CORNER SHEARWALL (SW#).
 4. REFER TO SCHEDULES ON SHEET F-4 & F-5 FOR ANCHOR SPACING AND SCHEDULES ON THIS SHEET FOR OPTIONAL PAD LOCATION.
 5. SPACE OPTIONAL PADS EQUALLY.



16x16 NOMINAL PAD **DETAIL**
F-8 SCALE: N.T.S.



8x16 NOMINAL PAD **DETAIL**
F-8 SCALE: N.T.S.



3 **BLOCKING PLAN**
F-8 SCALE: N.T.S.

EXAMPLE DRAWING IS 20'-0" IN LENGTH

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

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
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NV# 071936 TX# 104353 MA# 40905
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TN# 112761 FL# 34222

DIXON ENGINEERING, INC.
STRUCTURAL ENGINEERING AND INSPECTION - COA 8195
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COOK PORTABLE WAREHOUSES
UTILITY SHED
100 DOUGLAS STREET
VALDOSTA, GA 31601
PHONE: 1-229-241-8805

OPTIONAL PAD DETAILS

No. 30637
PROFESSIONAL ENGINEER
THOMAS A. DIXON

DATE: 3/30/17
DRAWN BY: CNO
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO.: 445-078

SHEET
F-8
28 OF 28