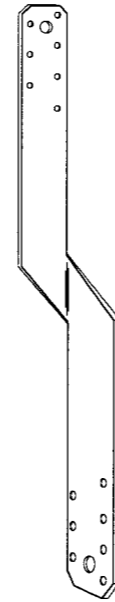


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AREA FOR APPROVAL STAMPS

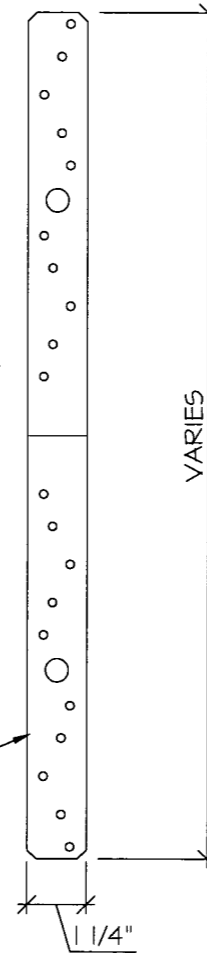


NOTE:
 FOR ALL FASTENING OF FRAMING
 MEMBERS NOT NOTED ON THIS SHEET
 REFER TO FASTENING SCHEDULE ON
 SHEETS C-4 THRU C-6

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

SIMPSON MTS12 OR
 EQUAL TWIST STRAP
DETAIL

1
 A-11 SCALE: 3" = 1'-0"

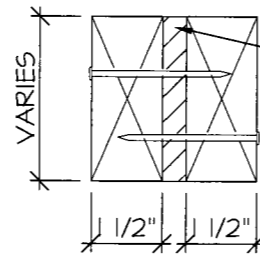


NOTE: USED ON EVERY
 WALL STUD TO
 CONNECT WALL TO
 TRUSS

20 GAUGE x 1-1/4" GALV.
 STEEL STRAP WITH (18)
 0.131" Φ x 2-1/4" NAILS
 OR EQUAL (12) INTO
 RAFTERS AND (6) INTO
 STUD WALL

20 GAGE STRAP
DETAIL

3
 A-11 SCALE: 3" = 1'-0"



1/2" FLITCH
 PLATE

HEADER
SECTION

2
 A-11 SCALE: 3" = 1'-0"

REV	BY	DATE	DESCRIPTION

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.

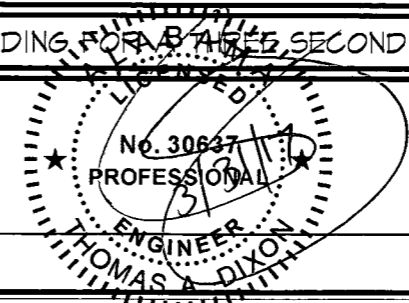
AL# 30631 MS# 19034 KS# 21198
 SC# 27592 NC# 035985 GA# 034371
 WV# 071936 TX# 104353 MD# 40905
 PA# 079009 VA# 045593
 TN# 112761 FL# 34222

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

DETAILS



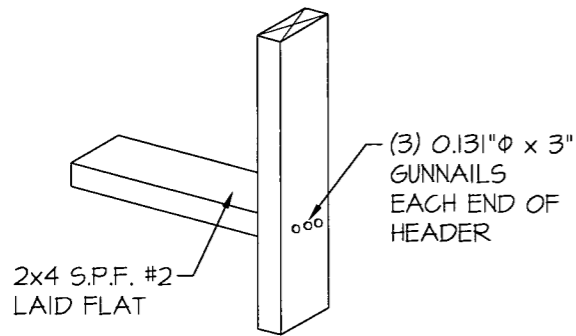
DATE: 3/30/17
 DRAWN BY: CNO
 CHECKED BY: TAD
 SCALE: AS NOTED
 W.O. NO: 495-077

SHEET

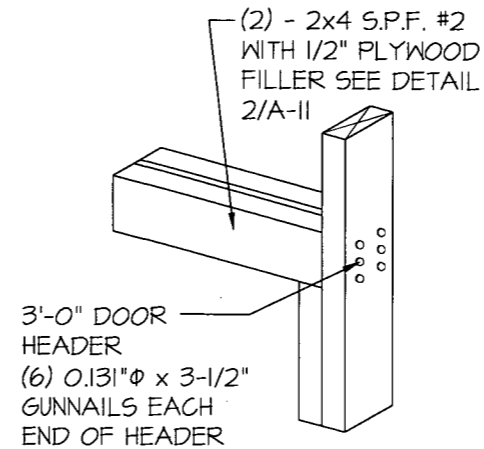
A-11

17 OF 26

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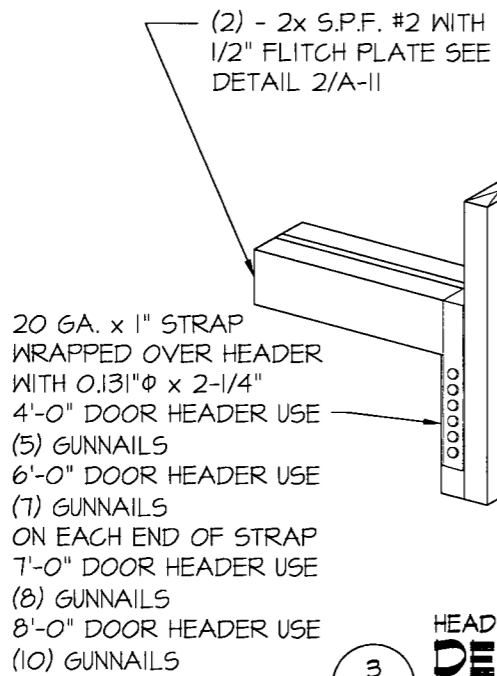


1
A-12 WINDOW HEADER AND SILL
DETAIL
SCALE: N.T.S.

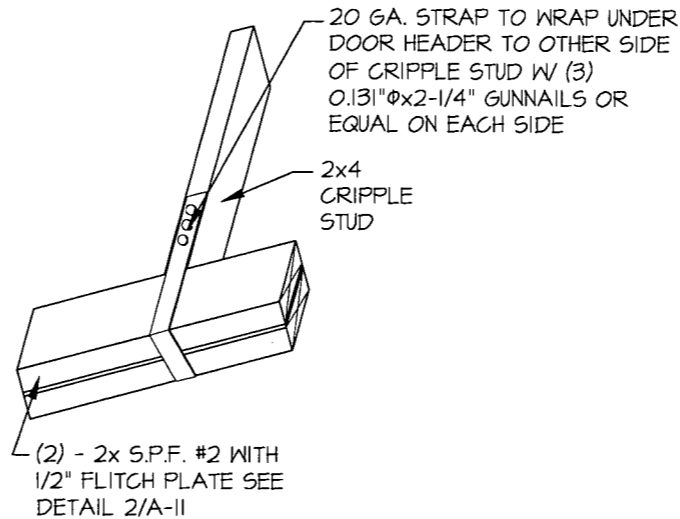


2
A-12 HEADER WITH OUT STRAP
DETAIL
SCALE: N.T.S.

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-12 HEADER WITH STRAP
DETAIL
SCALE: N.T.S.



4
A-12 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, BUILDING FOR A THREE 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.
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COOK PORTABLE WAREHOUSES
 GARDEN SHED
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 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: 495-077

SHEET
A-12
 18 OF 26

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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, BUILDING FOR WINDS TO A SECOND GUST OF 160 MPH.

THOMAS A. DIXON, P.E.

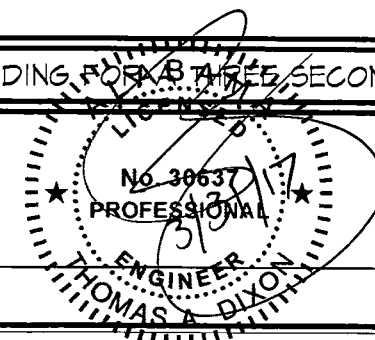
AL# 30637 MS# 19034 KS# 21198
SC# 27592 NC# 035985 GA# 034371
WV# 071936 TX# 104353 MD# 40905
PA# 079009 VA# 045593
TN# 112761 FL# 34222

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

ANCHOR GENERAL NOTES



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

SHEET

E-1

19 OF 26

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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 FOR WIND VELOCITIES PER 2014 F.B.C.

REV	BY	DATE	DESCRIPTION

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

THOMAS A. DIXON, P.E.

AL# 30637 MS# 19034 KS# 21198
 SC# 27542 NC# 035485 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
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 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

No. 30637
 PROFESSIONAL ENGINEER
 THOMAS A. DIXON

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

SHEET
F-2
 20 OF 26

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AREA FOR APPROVAL STAMPS

MWFRS 160 MPH EXP. "C"				
ZONE	TABLE PRESSURE¹	ADJUSTMENT FACTOR²	LOAD COMBINATION FACTOR³	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 PRESSURE¹	ADJUSTMENT FACTOR²	LOAD COMBINATION FACTOR³	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 PRESSURE¹	ADJUSTMENT FACTOR²	LOAD COMBINATION FACTOR³	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

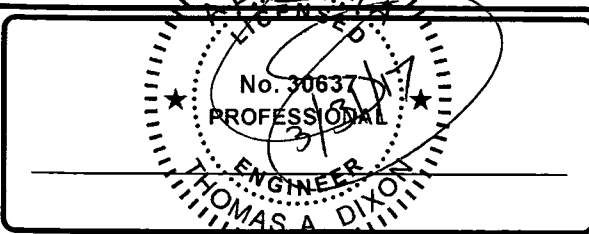
- NOTES:
1. SEE FIGURE 28.6-1 PAGE 303-305 IN ASCE7-10.
 2. SEE FIGURE 28.6-1 PAGE 305 IN ASCE7-10.
 3. SEE SECTION 2.4.1 IN ASCE7-10.
 4. DESIGN PRESSURES SHOWN ARE BASED ON WORST CASE DESIGN CONDITIONS OF BUILDINGS FOR FOR WIND VELOCITIES PER 2014 F.B.C.

REV	BY	DATE	DESCRIPTION

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, BUILDING 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 MD# 40905 PA# 079009 VA# 045593 TN# 112761 FL# 34222	DIXON ENGINEERING, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSA56A, 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 WIND CHARTS



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

SHEET
F-3
21 OF 26

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

AREA FOR APPROVAL STAMPS

REV	BY	DATE	DESCRIPTION

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	DIXON ENGINEERING, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8145 10410 MAIN STREET THONOTOSASSA, FL 33592 VOICE: 813-982-9885 FAX: 813-982-2306
SC# 27592 NC# 035985 GA# 034311	
WV# 071936 TX# 104353 MD# 40905	
PA# 079009 VA# 045593	
TN# 112761 FL# 34222	

COOK PORTABLE WAREHOUSES

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

EXPOSURE C ANCHORING CHARTS

THOMAS A. DIXON
ENGINEER

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

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23 OF 26

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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:

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

REV	BY	DATE	DESCRIPTION

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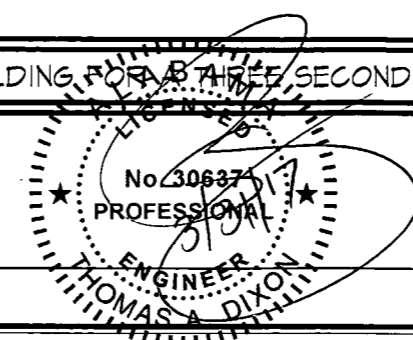
THOMAS A. DIXON, P.E.

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 MD# 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

GARDEN 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: 495-077

SHEET

F-6

24 OF 26

