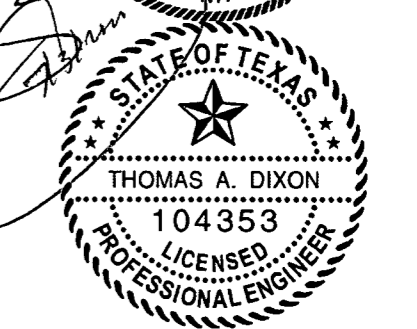
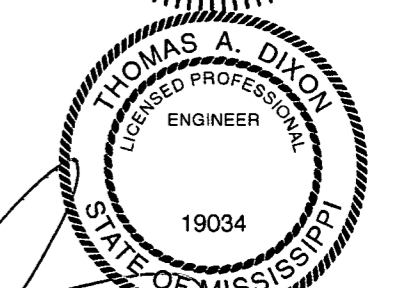


COOK PORTABLE WAREHOUSES

100 DOUGLAS STREET
VALDOSTA, GA 31601

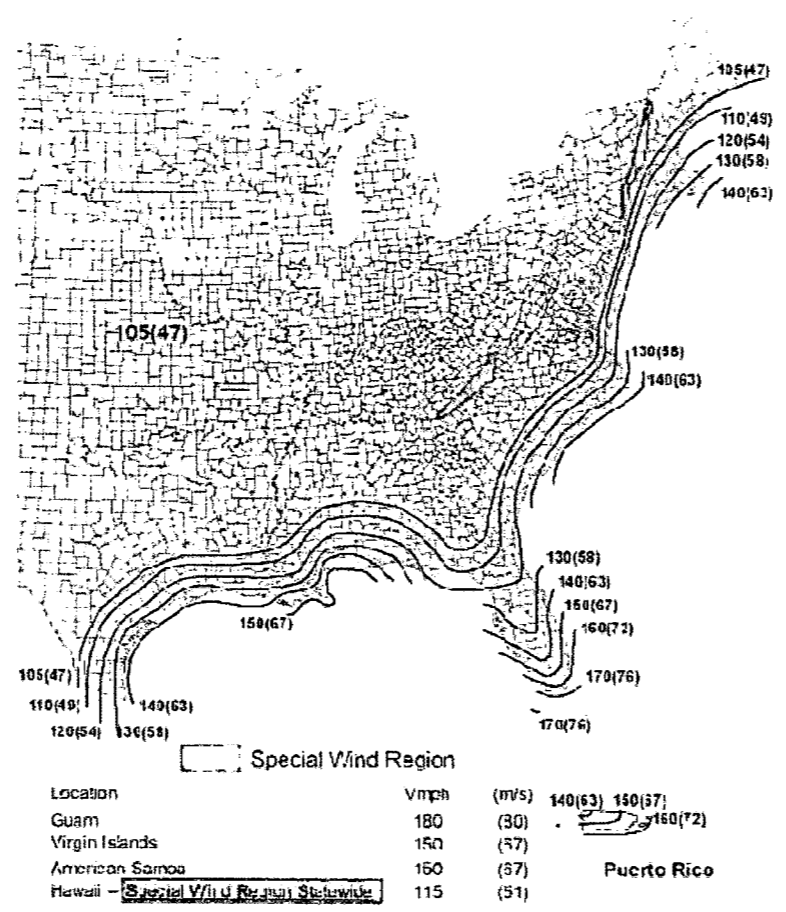
LOFTED BARN SHED FOR THE INTERNATIONAL BUILDING CODE

AREA FOR APPROVAL STAMPS



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
 9. FLOOR DESIGN DEAD LOAD 4 PSF
 10. ROOF DESIGN LIVE LOAD 20 PSF
 11. ROOF DESIGN DEAD LOAD 7 PSF
 12. WALL DESIGN DEAD LOAD 3 PSF
 13. LOFT UNINHABITABLE LIVE LOAD 20 PSF
 14. SNOW LOAD 20 PSF
 15. CONSTRUCTION TYPE V B
 16. BUILDING OCCUPANCY: U
 17. FIRE RATING EXT. WALLS N/A
 18. ALLOWABLE NUMBER OF FLOORS 1
17. THE CONTRACTOR/MANUFACTURER MUST COMPLY WITH THE FOLLOWING CODES AND ALL OF THESE AMENDMENTS/SUPPLEMENTS:
- INTERNATIONAL BUILDING CODE - 2015
 - NATIONAL ELECTRIC CODE - 2014
 - NFPA 101 LIFE SAFETY CODE - 2015



SHEET LIST

| SHEET NUMBER | SHEET TITLE |
|--------------|----------------------------|
| C-1 | COVER SHEET |
| C-2 | WIND LOADING |
| C-3 | NOTES |
| C-4 | FASTENING SCHEDULE |
| C-5 | FASTENING SCHEDULE |
| C-6 | FASTENING SCHEDULE |
| A-1 | FLOOR DECK & FRAMING PLANS |
| A-2 | ROOF FRAMING PLANS |
| A-3 | SHEAR WALL TABLE |
| A-4 | EXTERIOR ELEVATIONS |
| A-5 | FRAMING ELEVATIONS |
| A-6 | FRAMING ELEVATIONS |
| A-7 | FRAMING ELEVATIONS |
| A-8 | FRAMING ELEVATIONS |
| A-9 | SECTION & DETAIL |
| A-10 | ROOF SECTIONS |
| A-11 | DETAILS |
| A-12 | DETAILS |
| A-13 | DETAILS |
| A-14 | DETAILS |

LOUISIANA CODES

-INTERNATIONAL BUILDING CODE - 2015
WITH STATE AMENDMENTS

MISSISSIPPI CODES

-INTERNATIONAL BUILDING CODE - 2015
WITH STATE AMENDMENTS

TEXAS CODES

-INTERNATIONAL BUILDING CODE - 2015
WITH STATE AMENDMENTS

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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
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COOK PORTABLE WAREHOUSES

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

COVER SHEET

| | |
|-------------|----------|
| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
| CHECKED BY: | TAD |
| SCALE: | AS NOTED |
| W.O. NO: | 495-075 |

SHEET

C-1

1 OF 20

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AREA FOR APPROVAL STAMPS

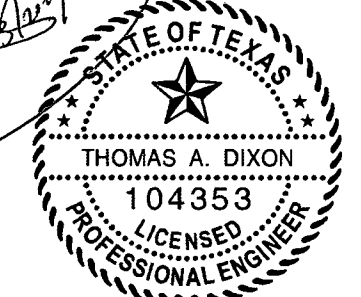
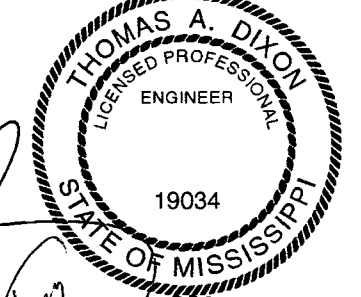
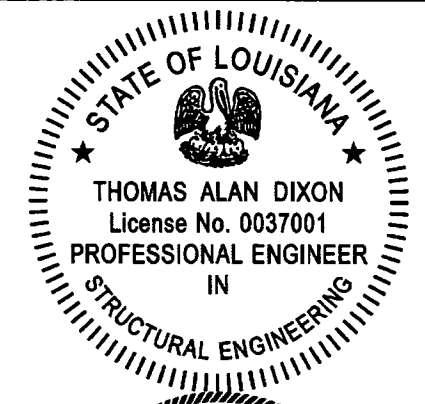
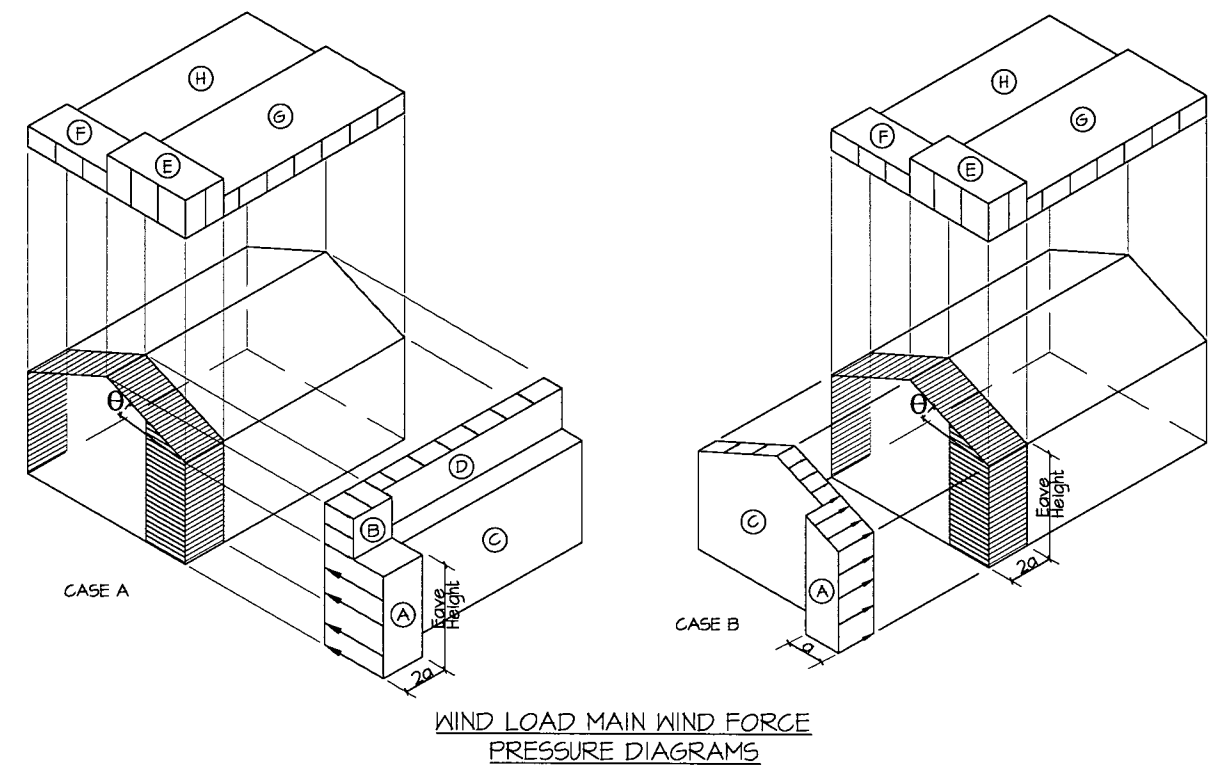
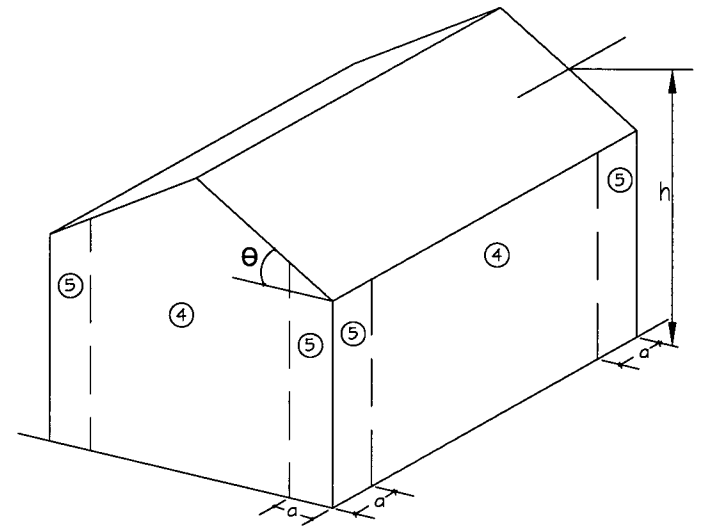


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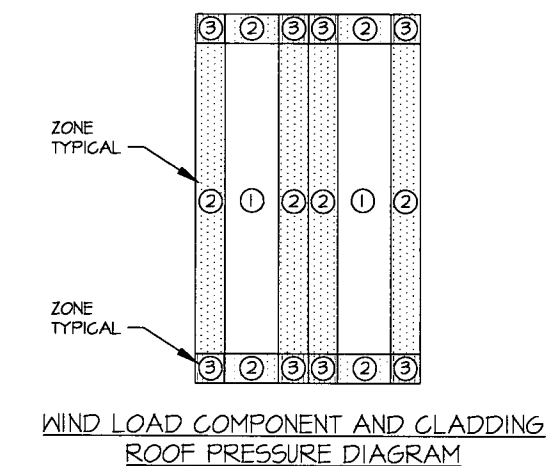
REV BY DATE DESCRIPTION



WIND LOAD MAIN WIND FORCE PRESSURE DIAGRAMS



WIND LOAD COMPONENT AND CLADDING WALL PRESSURE DIAGRAM



WIND LOAD COMPONENT AND CLADDING ROOF PRESSURE DIAGRAM

BUILDING DATA ASCE 7-10 WIND

Table of building data including wind velocity (160 mph), building category (I), roof angle (7.27 degrees), and wind exposure category (C).

DESIGN WIND LOADS - WINDOWS, DOORS, COMPONENTS AND CLADDING

Table of design wind loads for ROOF, WALLS, and ROOF OVERHANG with columns for zone, area, and design pressure.

- Notes: 1. For effective areas between those given above the load may be interpolated... 2. Plus and minus signs signify pressures acting toward and away from the surfaces, respectively...

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

Table of design wind loads for MWFRS Method 1 with columns for basic wind speed, roof angle, load case, and zone pressures.

- Notes: 1. For effective areas between those given above the load may be interpolated... 2. The load patterns shown shall be applied to each corner of the building in turn as the reference corner...

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THOMAS A. DIXON, P.E. DIXON ENGINEERIN, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33542

COOK PORTABLE WAREHOUSES LOFTED BARN SHED 100 DOUGLAS STREET VALDOSTA, GA 31601 PHONE: 1-229-241-8805 WIND LOADING

Empty rectangular box for notes or additional information.

Table with design details: DATE: 6/29/17, DRAWN BY: CNO, CHECKED BY: TAD, SCALE: AS NOTED, W.O. NO: 495-075

SHEET C-2 2 OF 20

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GENERAL NOTES

1. 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.
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 AHPA USE CATEGORY UC4B (GROUND CONTACT, HEAVY DUTY): SKIDS
7. ALL THE FOLLOWING LUMBER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AHPA 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.
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 IN ENDWALL EQUAL TO THOSE IN THE ENDWALL SHEAR WALL CHART.
26. AS PER SECTION 553.77(10)(h), INTERNATIONAL STATUTES, STORAGE SHEDS THAT ARE NOT DESIGNED FOR HUMAN HABITATION AND THAT HAVE A FLOOR AREA OF 720 SQUARE FEET OR LESS ARE NOT REQUIRED TO COMPLY WITH THE MANDATORY WIND-BORNE-DEBRIS-IMPACT STANDARDS OF THE INTERNATIONAL BUILDING CODE. IN ADDITION, SUCH BUILDINGS THAT ARE 400 SQUARE FEET OR LESS AND THAT ARE INTENDED FOR USE IN CONJUNCTION WITH ONE-AND-TWO-FAMILY RESIDENCES ARE NOT SUBJECT TO THE DOOR HEIGHT AND WIDTH REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
27. 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.
28. UNLESS NOTED OTHERWISE, ATTACH ALL MANUFACTURED PRODUCTS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

SITE INSTALLED ITEMS

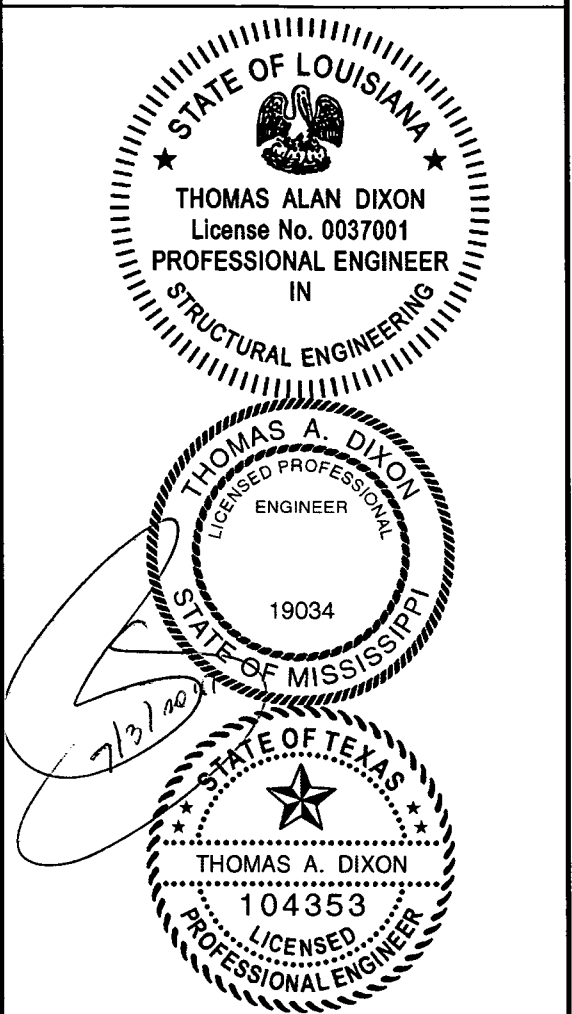
NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTIONAL APPROVAL.

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

OCCUPANCY NOTE:

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

AREA FOR APPROVAL STAMPS



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THOMAS A. DIXON, P.E.

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|------------|------------|------------|--|
| AL# 30637 | MS# 19034 | KS# 21198 | DIXON ENGINEERIN, INC. STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 10410 MAIN STREET THONOTOSASSA, FL 33542 VOICE: 813-982-9885 FAX: 813-982-2306 |
| SC# 27542 | NC# 035485 | GA# 034371 | |
| WV# 071936 | TX# 104353 | MD# 40905 | |
| PA# 079009 | VA# 045543 | | |
| TN# 112761 | FL# 34222 | | |
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COOK PORTABLE WAREHOUSES

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

NOTES

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|-------------|----------|
| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
| CHECKED BY: | TAD |
| SCALE: | AS NOTED |
| W.O. NO: | 495-075 |

SHEET

C-3

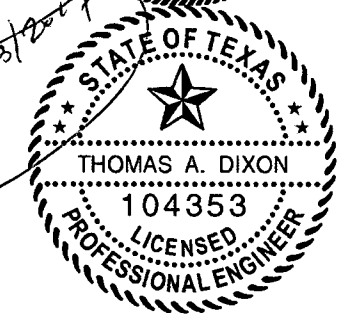
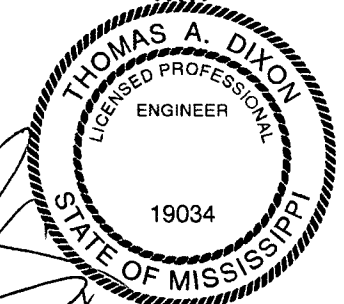
3 OF 20

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

(CONTINUED)

AREA FOR APPROVAL STAMPS



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THOMAS A. DIXON, P.E.

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| AL# 30637 MS# 19034 KS# 21198 SC# 27542 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 33542 VOICE: 813-982-9885 FAX: 813-982-2306 |
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COOK PORTABLE WAREHOUSES

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

FASTENING SCHEDULE

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| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
| CHECKED BY: | TAD |
| SCALE: | AS NOTED |
| W.O. NO.: | 495-075 |

SHEET

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4 OF 20

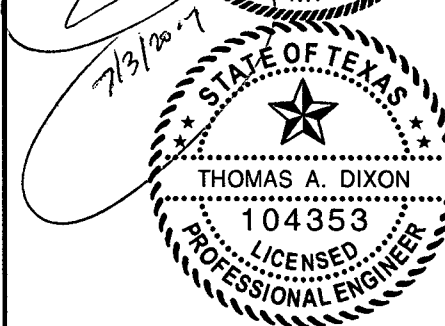
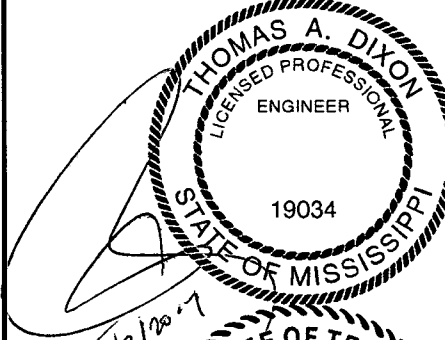
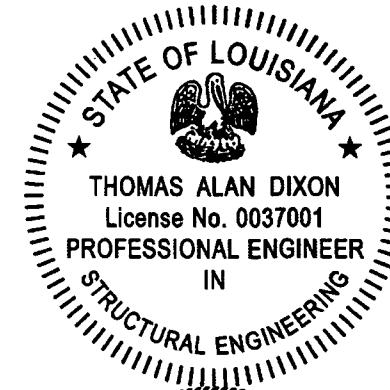
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FASTENING SCHEDULE

| CONNECTION | FASTENING ^{a, k} | LOCATION |
|--|---|---|
| 13. CEILING JOISTS TO PLATE | 3 - 8d COMMON (2 1/2" x 0.131") 5 - 3" x 0.131" NAILS 5 - 3" 14 GAGE STAPLES | TOENAIL |
| 14. CONTINUOUS HEADER TO STUD | 4 - 8d COMMON (2 1/2" x 0.131") | TOENAIL |
| 15. RAFTER TO PLATE | 3 - 8d COMMON (2 1/2" x 0.131") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES | TOENAIL |
| 16. 1" DIAGONAL BRACE TO EACH STUD AND PLATE | 2 - 8d COMMON (2 1/2" x 0.131") 2 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES | FACE NAIL |
| 17. BUILT-UP CORNER STUDS | 16d (3 1/2" x 0.135") 3" x 0.131" NAILS 3" 14 GAGE STAPLES | 24" O.C. 16" O.C. 16" O.C. |
| 18A. BUILT-UP GIRDER AND BEAMS | 20d COMMON (4" x 0.142" 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)

AREA FOR APPROVAL STAMPS



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

FASTENING SCHEDULE (CONT.)

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| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
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| SCALE: | AS NOTED |
| W.O. NO.: | 495-075 |

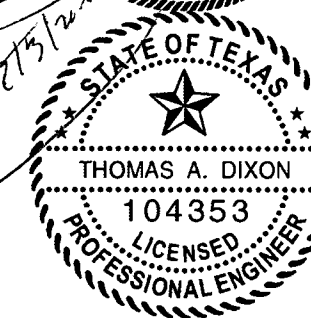
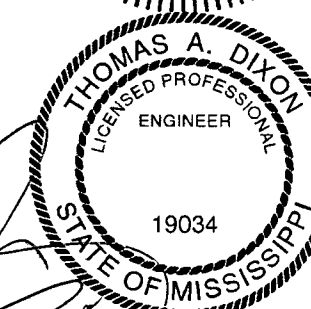
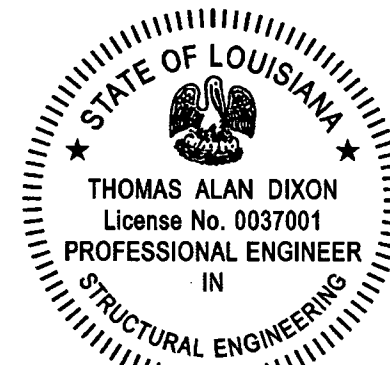
SHEET
C-5
 5 OF 20

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 110-140 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 ^f | |
| | 1 1/8" TO 1 1/4" 10d ^d OR 8d ^e | |
| | 3/4" AND LESS 6d ^e | |
| | 7/8" TO 1" 8d ^e | |
| 1 1/8" TO 1 1/4" 10d ^d OR 8d ^e | | |
| 23. PANEL SIDING (TO FRAMING) | 1/2" OR LESS 6d ^f 5/8" 8d ^f | |
| 24. FIBERBOARD SHEATHING ^g | 1/2" NO. 11 GAGE ROOFING NAIL ^h 6d COMMON NAIL (2" x 0.113") NO 16 GAGE STAPLE ⁱ | |
| | 25/32" NO. 11 GAGE ROOFING NAIL ^h 8d COMMON NAIL (2 1/2" x 0.131") NO 16 GAGE STAPLE ⁱ | |

- 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.

AREA FOR APPROVAL STAMPS



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THOMAS A. DIXON, P.E.

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COOK PORTABLE WAREHOUSES

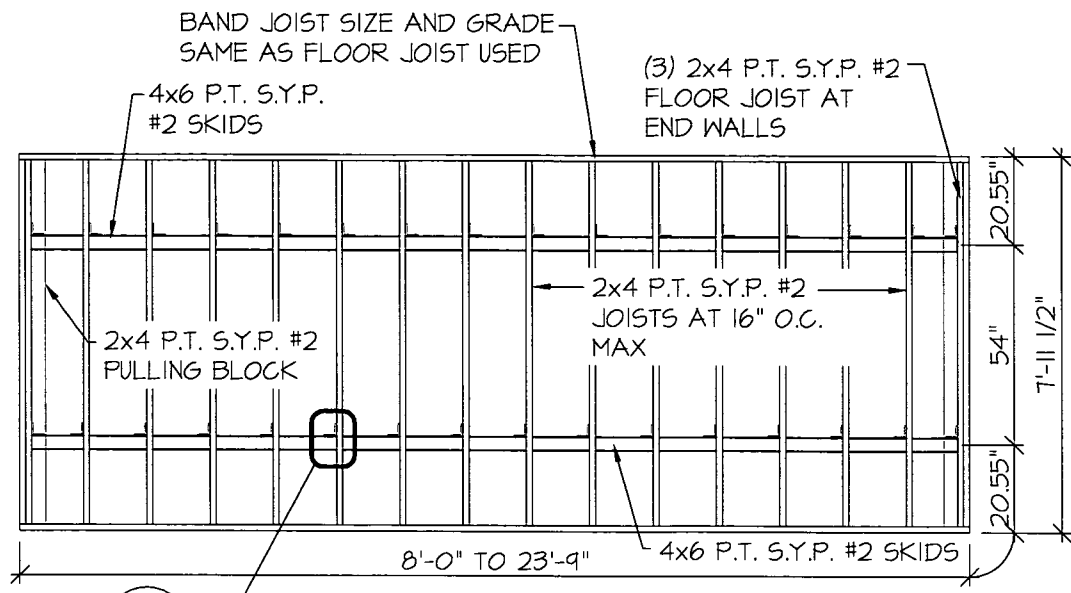
LOFTED BARN SHED
 100 DOUGLAS STREET
 VALDOSTA, GA 31601
 PHONE: 1-229-241-8805

FASTENING SCHEDULE (CONT.)

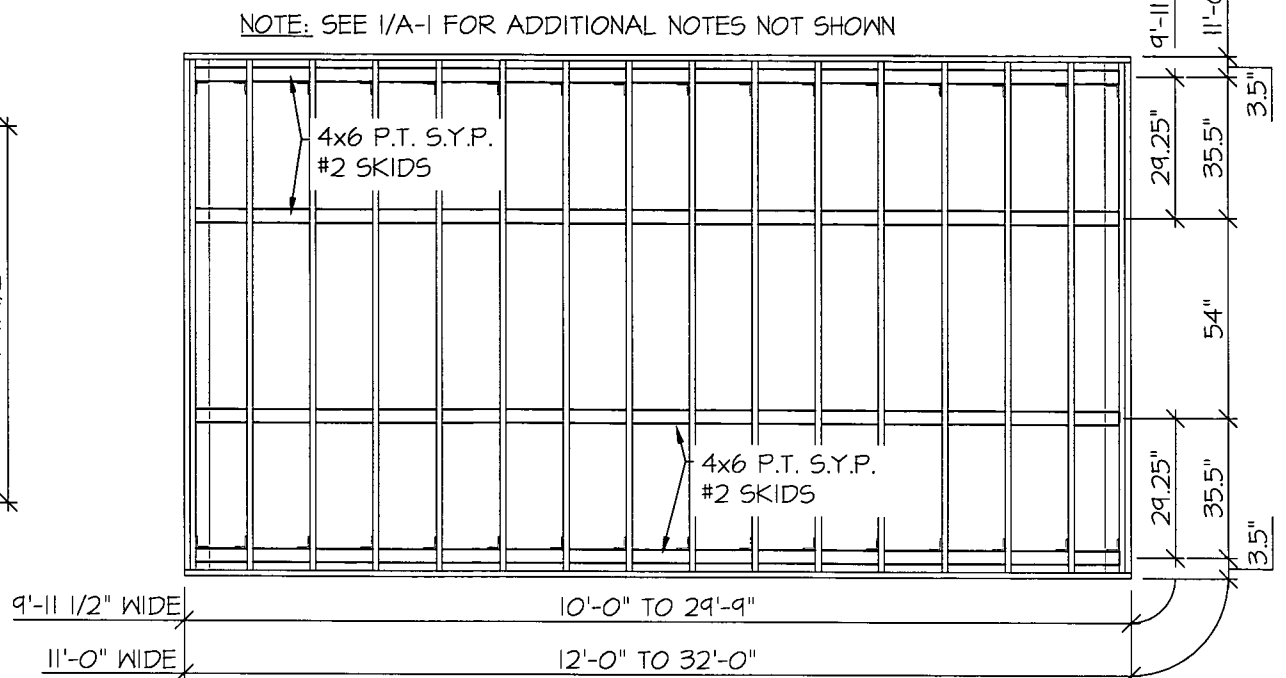
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C-6
6 OF 20

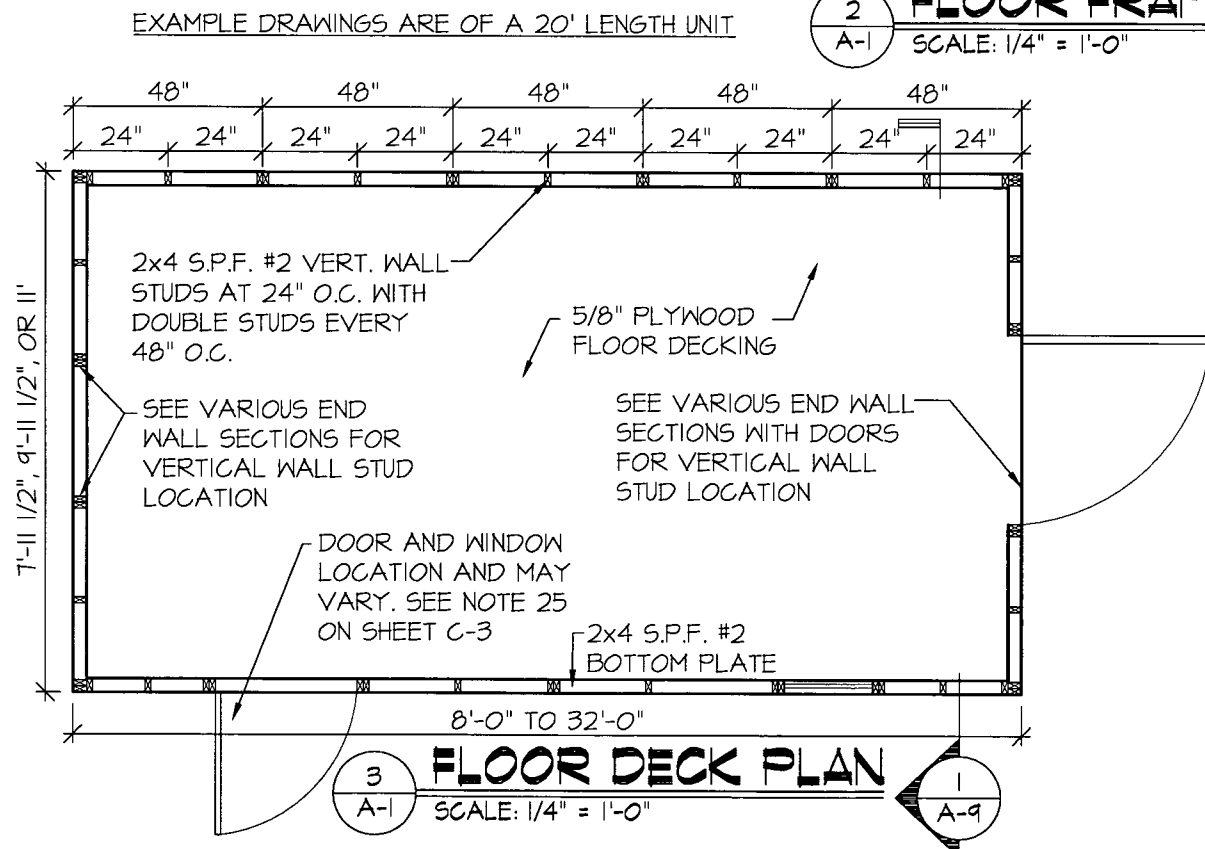
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7'-11 1/2" WIDE UNIT WITH 2 SKIDS
FLOOR FRAMING PLAN
 SCALE: 1/4" = 1'-0"



9'-11 1/2" & 11'-0" WIDE UNIT WITH 4 SKIDS
FLOOR FRAMING PLAN
 SCALE: 1/4" = 1'-0"



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

EXAMPLE DRAWINGS ARE OF A 20' LENGTH UNIT

AREA FOR APPROVAL STAMPS

STATE OF LOUISIANA

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

THOMAS A. DIXON
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 ENGINEER
 19034
 STATE OF MISSISSIPPI

STATE OF TEXAS

THOMAS A. DIXON
 104353
 LICENSED
 PROFESSIONAL ENGINEER

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THOMAS A. DIXON, P.E.

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

COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
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FLOOR DECK AND FRAMING PLANS

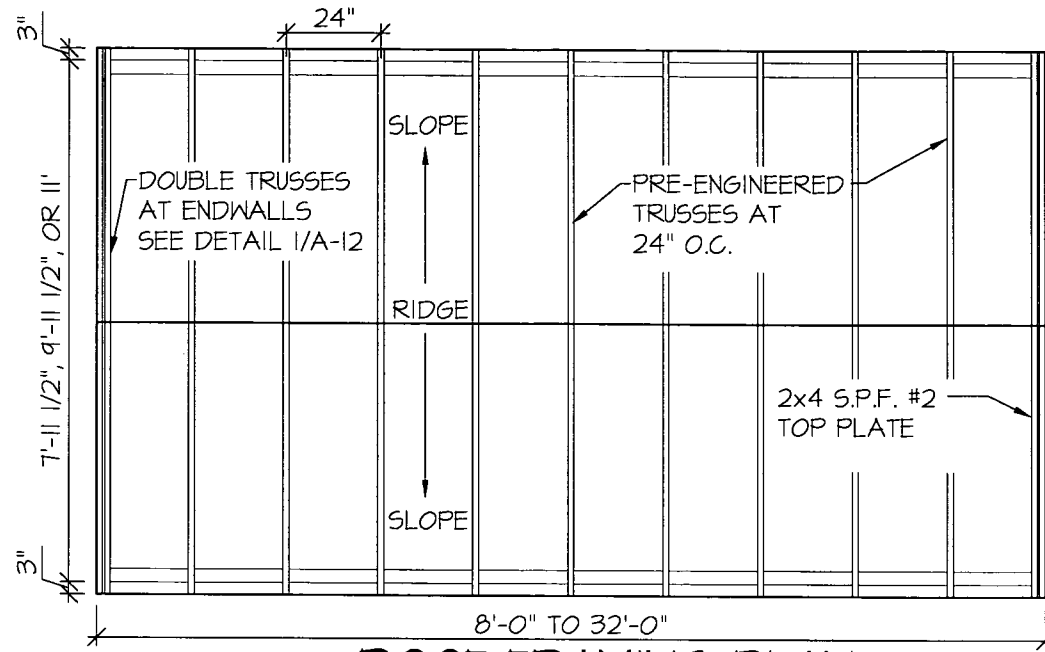
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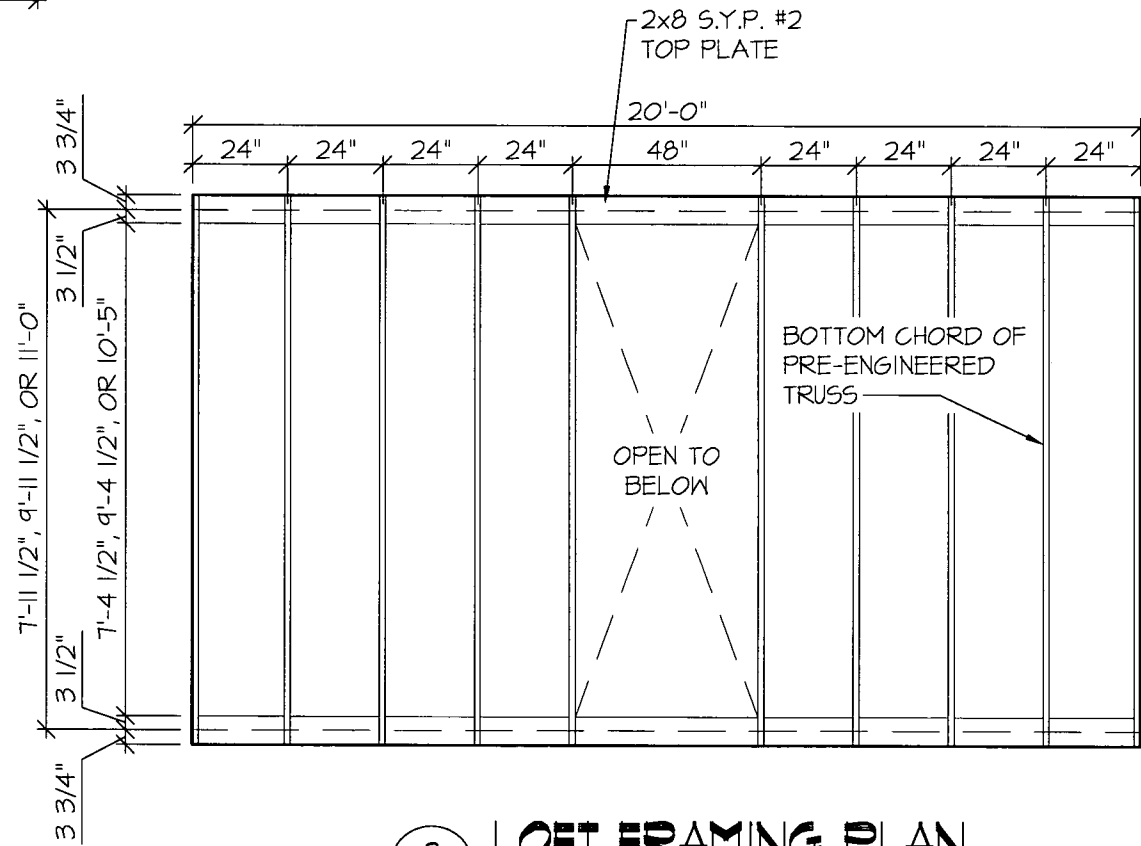
A-1

7 OF 20

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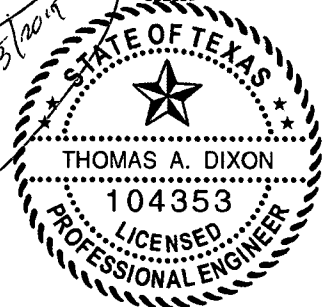
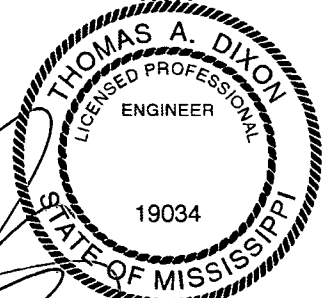


1 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



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

AREA FOR APPROVAL STAMPS



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THOMAS A. DIXON, P.E.
 AL# 30631 MS# 19034 KS# 21198
 SC# 27592 NC# 035985 GA# 034371
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 PA# 079009 VA# 045593
 TN# 112761 FL# 34222

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COOK PORTABLE WAREHOUSES
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ROOF FRAMING PLANS

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SHEET
A-2
 8 OF 20

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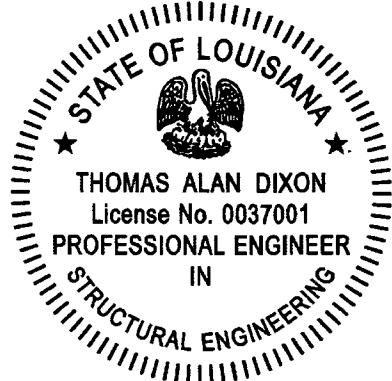
| SHEARWALL CHART | | | | |
|------------------------|---------------------------|----------------------------|------------------------------------|------------------------------------|
| BUILDING WIDTH | OPENING WIDTHS IN ENDWALL | MAX LENGTH OF BUILDING | | |
| | | 1 9/32" TI-II ¹ | 1 9/32" LP SMARTPANEL ² | 1 9/32" LP SMARTPANEL ³ |
| 7'-11 1/2" | NONE | 23'-9" | 23'-9" | 23'-9" |
| | 3'-0" MAX | | | |
| | 4'-0" | | | |
| 9'-11 1/2" | NONE | 29'-9" | 29'-9" | 29'-9" |
| | 3'-0" MAX | | | |
| | 4'-0" | | | |
| | 6'-0" | | | |
| 11'-0" | NONE | 32'-0" | 32'-0" | 32'-0" |
| | 4'-0" MAX | | | |
| | 6'-0" | | | |
| | 7'-0" | | | |
| | 8'-0" | | | |

NOTES:

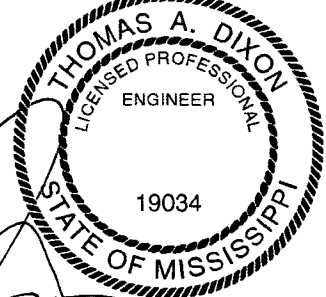
1. 1 9/32" TI-II SHALL BE FASTENED USING 8d COMMON OR DEFORMED NAILS AT 6" O.C. IN FIELD AND 3" O.C. ALONG ALL PANEL EDGES.
2. 1 9/32" LP SMARTPANEL SHALL BE FASTENED USING 8d COMMON OR DEFORMED NAILS AT 6" O.C. IN FIELD AND 3" O.C. ALONG ALL PANEL EDGES.
3. 1 9/32" LP SMARTPANEL SHALL BE FASTENED USING 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.

SHEARWALL
1 **TABLE**
 A-3 SCALE: N.T.S.

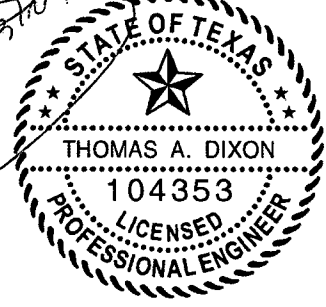
AREA FOR APPROVAL STAMPS



STATE OF LOUISIANA
 THOMAS ALAN DIXON
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 IN
 STRUCTURAL ENGINEERING



THOMAS A. DIXON
 LICENSED PROFESSIONAL ENGINEER
 19034
 STATE OF MISSISSIPPI



STATE OF TEXAS
 THOMAS A. DIXON
 104353
 LICENSED PROFESSIONAL ENGINEER

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THOMAS A. DIXON, P.E.

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

COOK PORTABLE WAREHOUSES

LOFTED BARN SHED
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SHEAR WALL TABLE

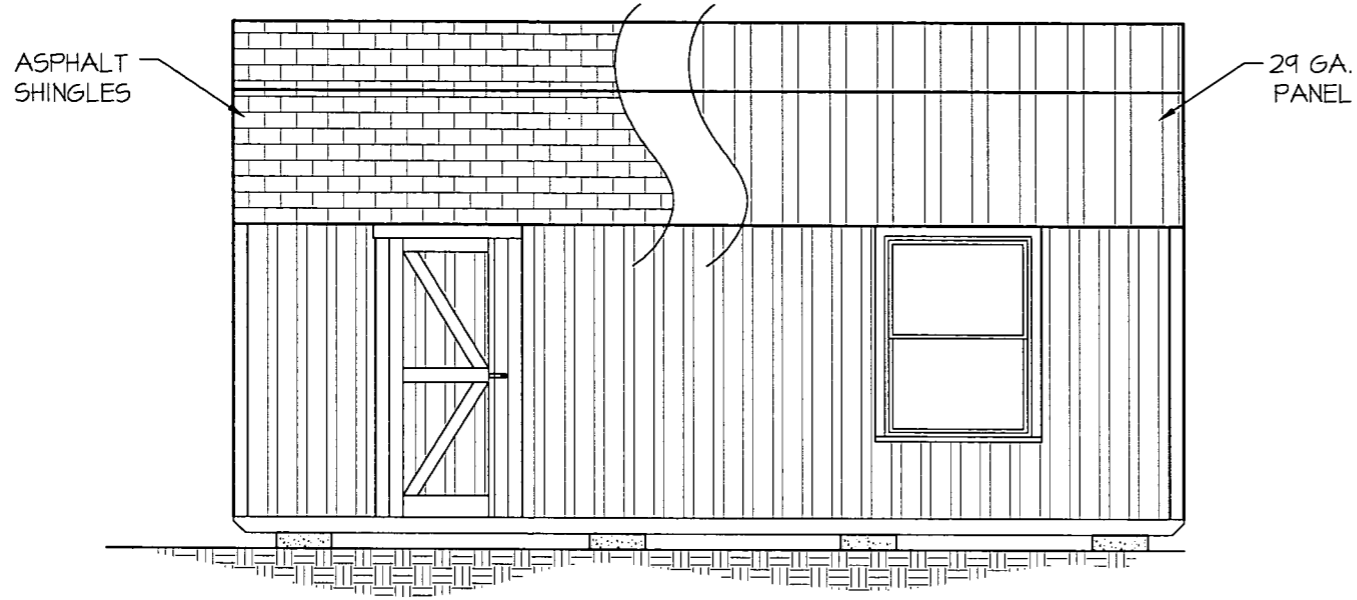
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SHEET

A-3

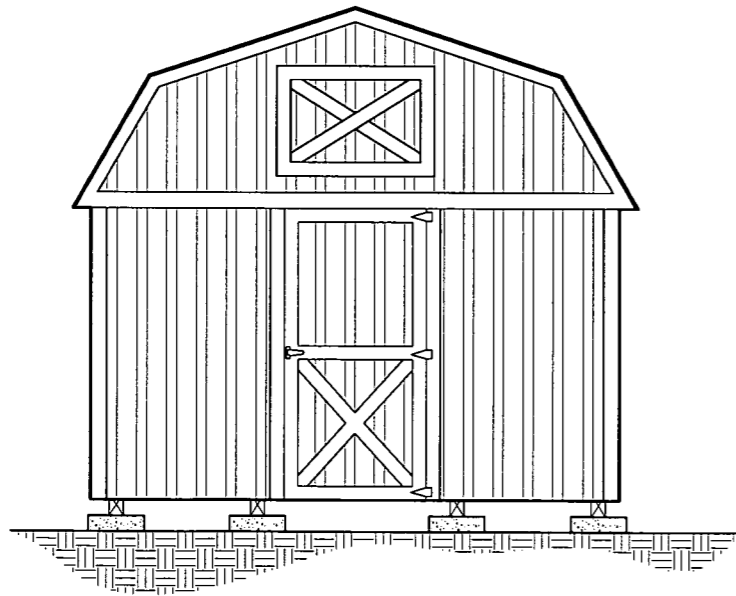
9 OF 20

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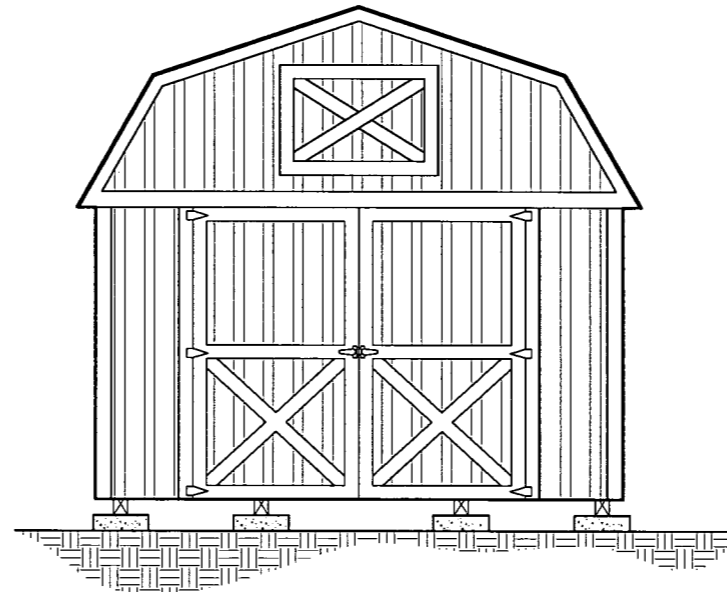
1
A-4 **LOFTED BARN
SIDE ELEVATION**
SCALE: 1/4" = 1'-0"

EXAMPLE DRAWING IS OF A 20' LENGTH UNIT



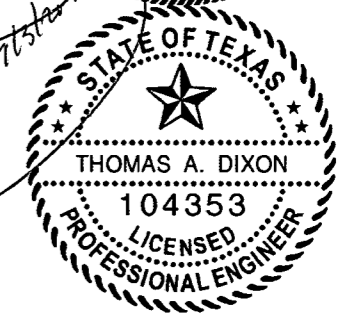
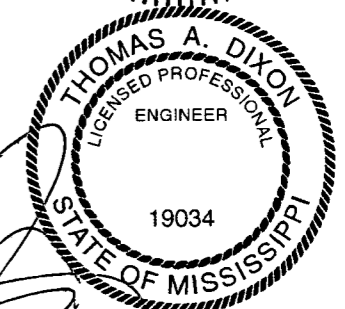
EXAMPLE DRAWING IS OF A 11' WIDE UNIT W 3'-0" DOOR

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



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

AREA FOR APPROVAL STAMPS



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|---------------------------------|--|
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| SC# 27592 NC# 035985 GA# 034371 | STRUCTURAL ENGINEERING AND INSPECTION - COA 8195 |
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| PA# 079009 VA# 045593 | THONOTOSASSA, FL 33592 |
| TN# 112761 FL# 34222 | VOICE: 813-982-9885 FAX: 813-982-2306 |

COOK PORTABLE WAREHOUSES

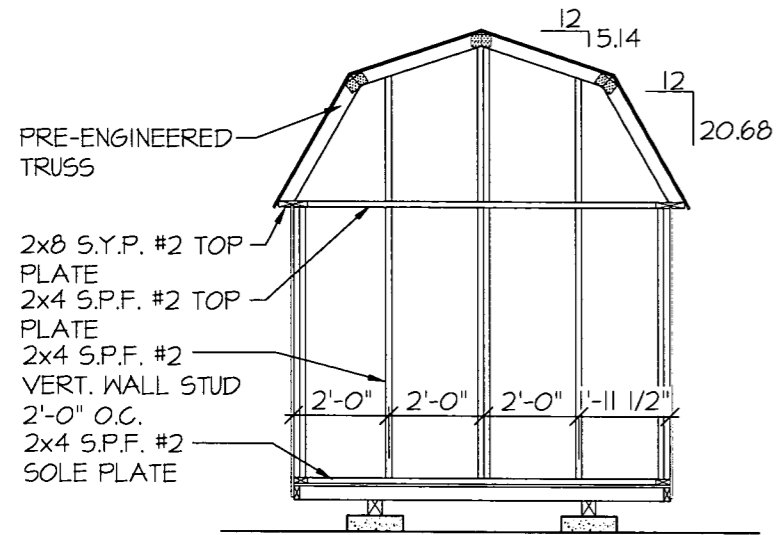
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EXTERIOR ELEVATIONS

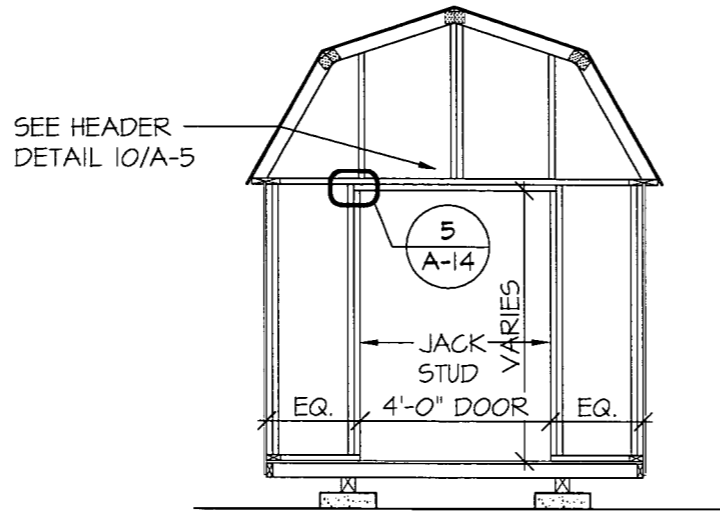
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SHEET
A-4
10 OF 20

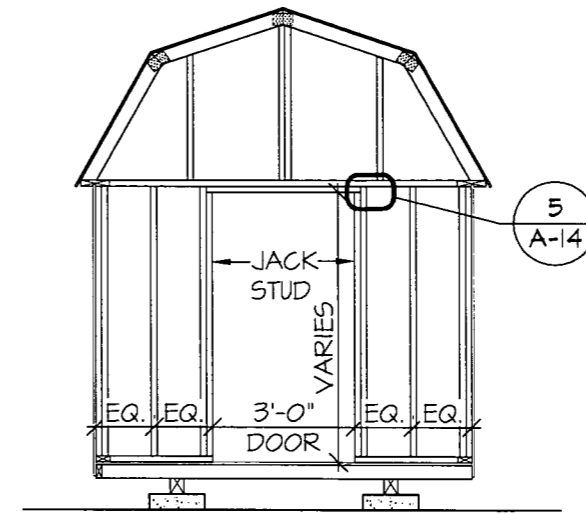
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A-5
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



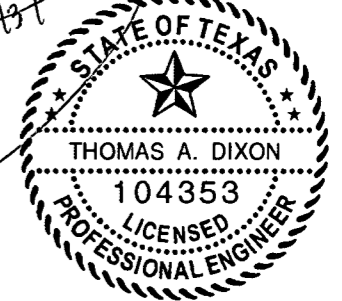
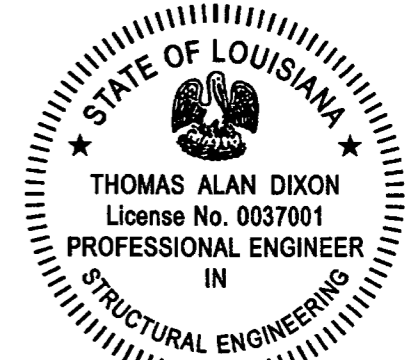
2
A-5
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



3
A-5
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

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

AREA FOR APPROVAL STAMPS



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THOMAS A. DIXON, P.E.

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

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 10410 MAIN STREET
 THONOTOSASSA, FL 33542
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COOK PORTABLE WAREHOUSES

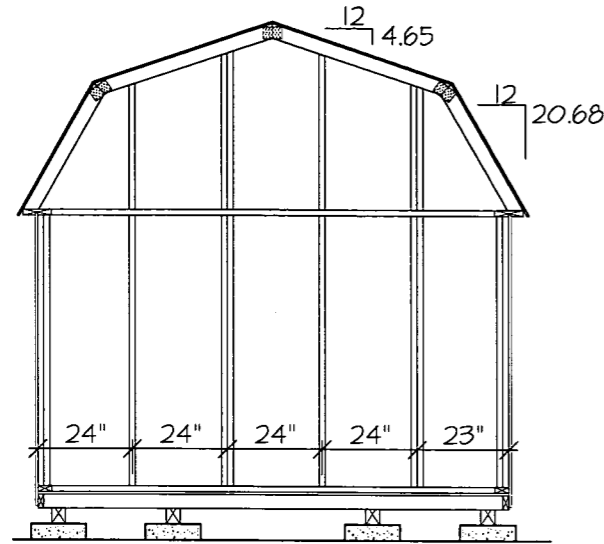
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FRAMING ELEVATIONS

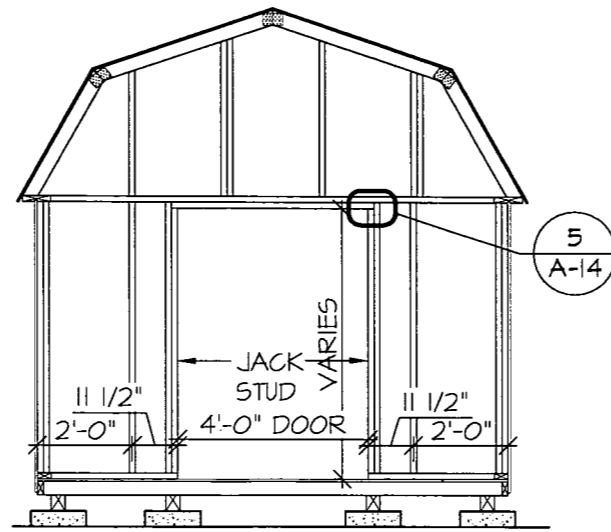
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 SCALE: AS NOTED
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SHEET
A-5
 11 OF 20

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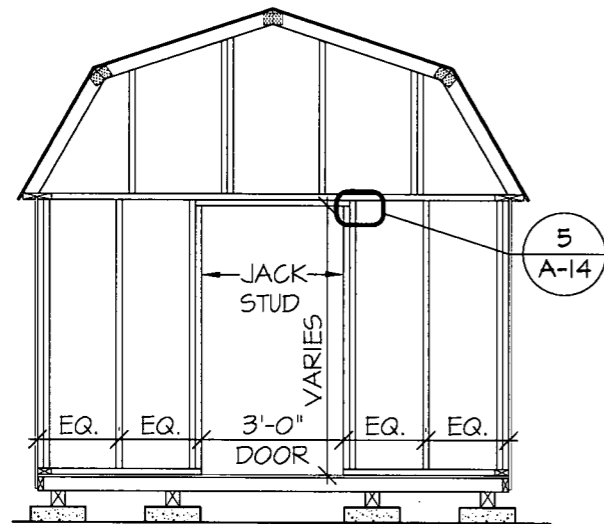


1
A-6
9'-11 1/2" SHED ENDWALL WITH NO OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

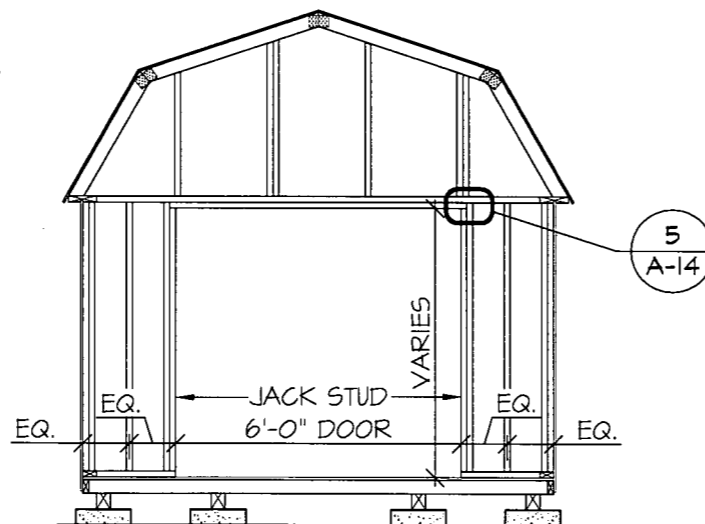


2
A-6
9'-11 1/2" SHED ENDWALL WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

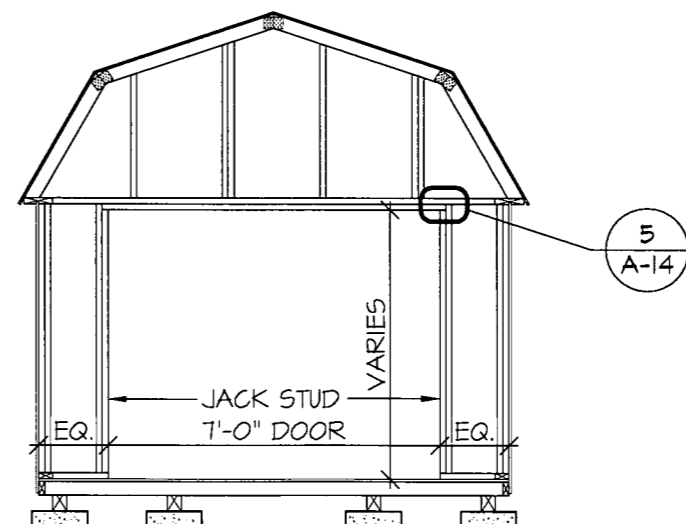
NOTE:
1. FOR ALL NOTES NOT SHOWN SEE SHEET A-1 - A-5



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

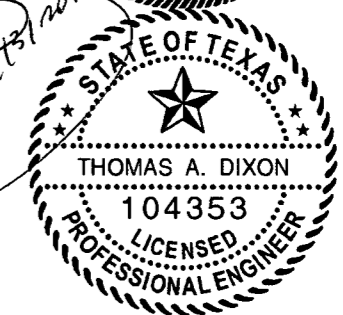
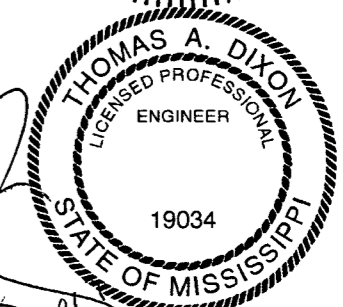


4
A-6
9'-11 1/2" SHED ENDWALL WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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

AREA FOR APPROVAL STAMPS



Handwritten signature and date: 6/29/17

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

COOK PORTABLE WAREHOUSES

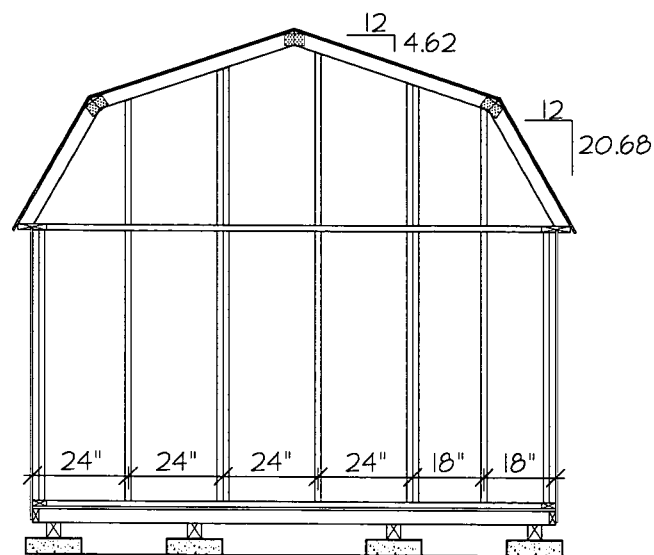
LOFTED BARN SHED
100 DOUGLAS STREET
VALDOSTA, GA 31601
PHONE: 1-229-241-8805

FRAMING ELEVATIONS

| | |
|-------------|----------|
| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
| CHECKED BY: | TAD |
| SCALE: | AS NOTED |
| W.O. NO.: | 495-075 |

SHEET
A-6
12 OF 20

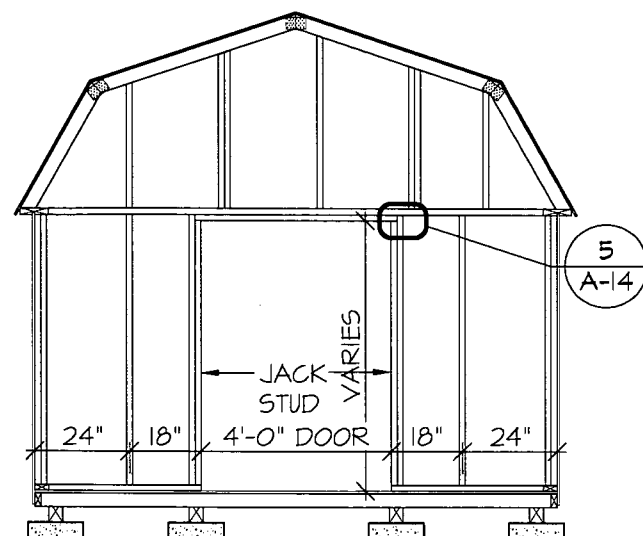
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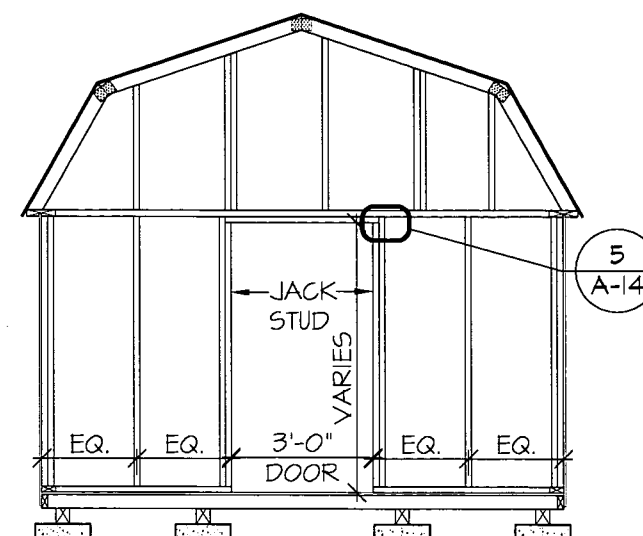
1
A-7 11'-0" SHED ENDWALL WITH NO OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

NOTE:

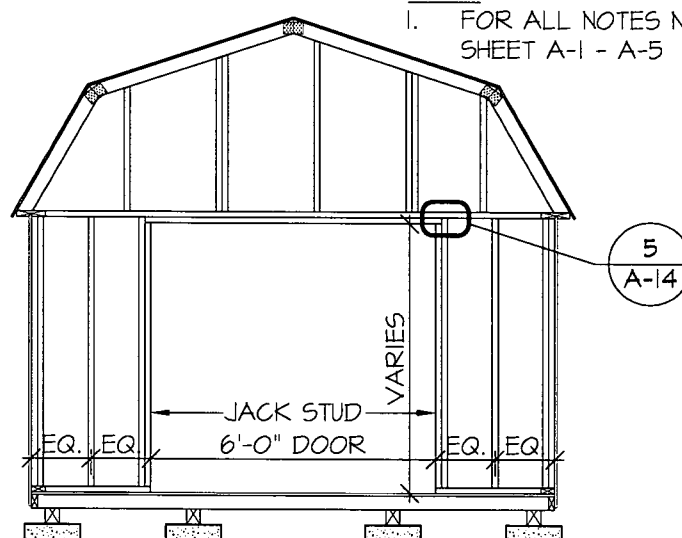
1. FOR ALL NOTES NOT SHOWN SEE SHEET A-1 - A-5



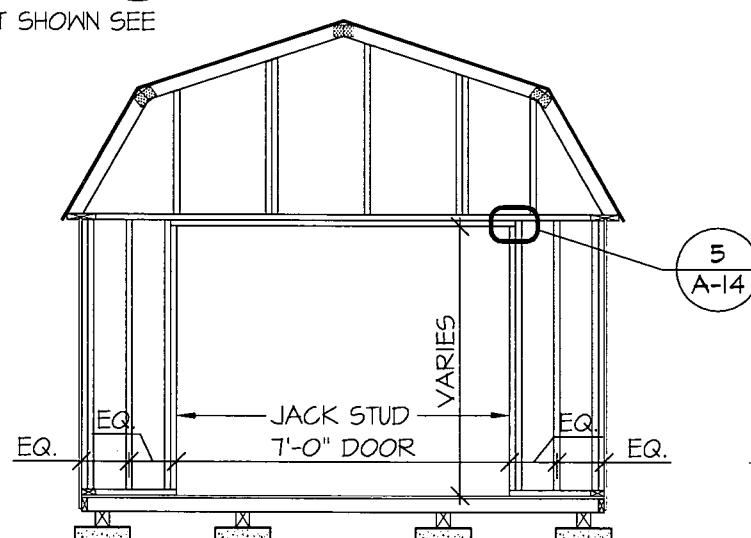
2
A-7 11'-0" SHED ENDWALL WITH 4' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



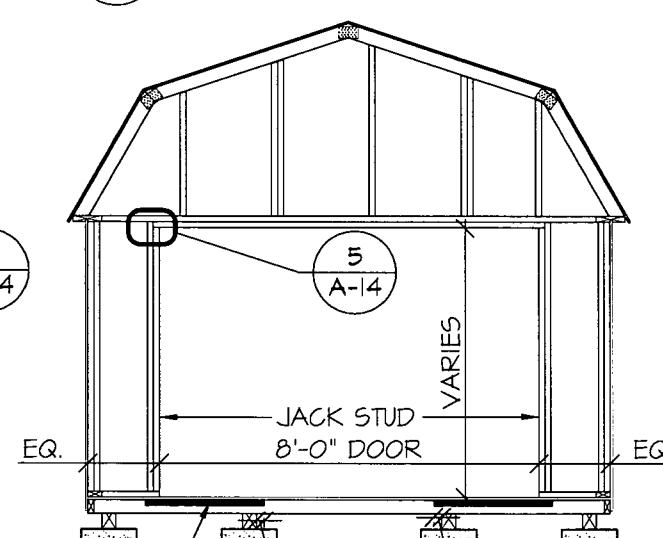
3
A-7 11'-0" SHED ENDWALL WITH 3' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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



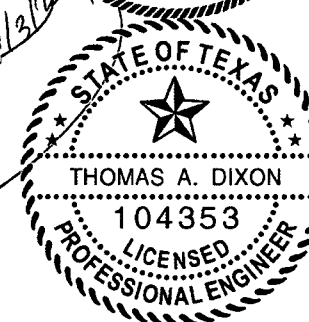
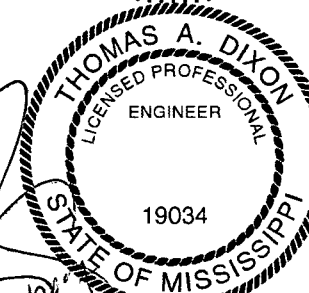
5
A-7 11'-0" SHED ENDWALL WITH 7' DOOR OPENING
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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

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

AREA FOR APPROVAL STAMPS



7/3/17

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THOMAS A. DIXON, P.E.

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

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

COOK PORTABLE WAREHOUSES

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

FRAMING ELEVATIONS

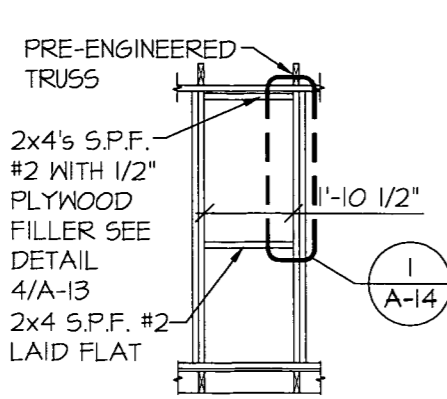
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|-------------|----------|
| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
| CHECKED BY: | TAD |
| SCALE: | AS NOTED |
| W.O. NO.: | 495-075 |

SHEET

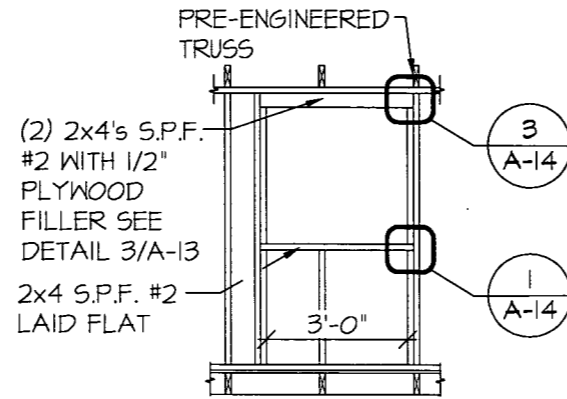
A-7

13 OF 20

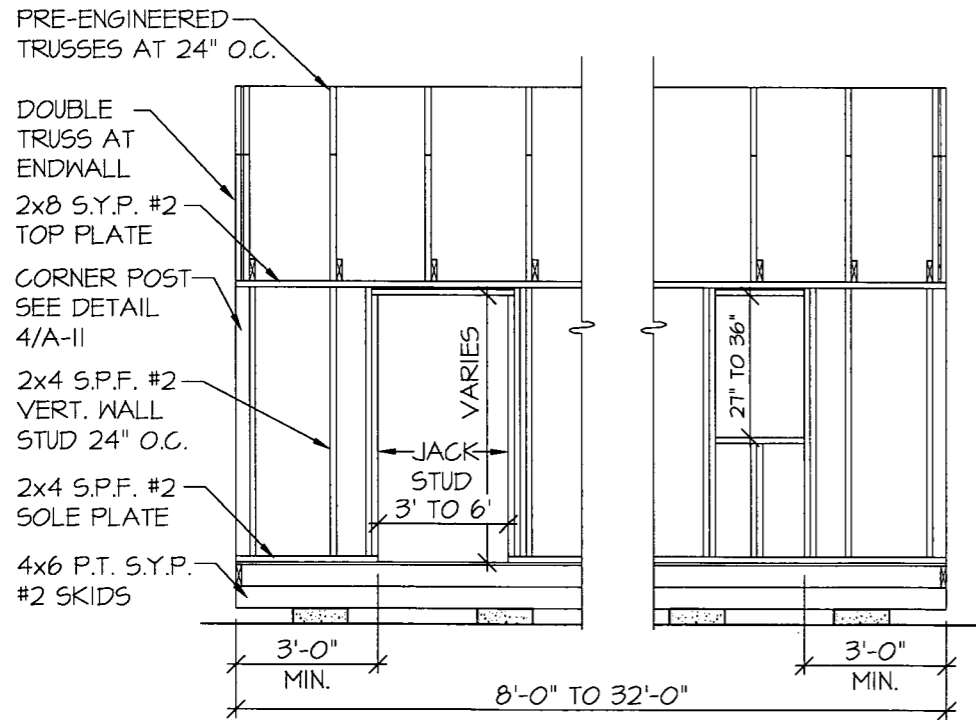
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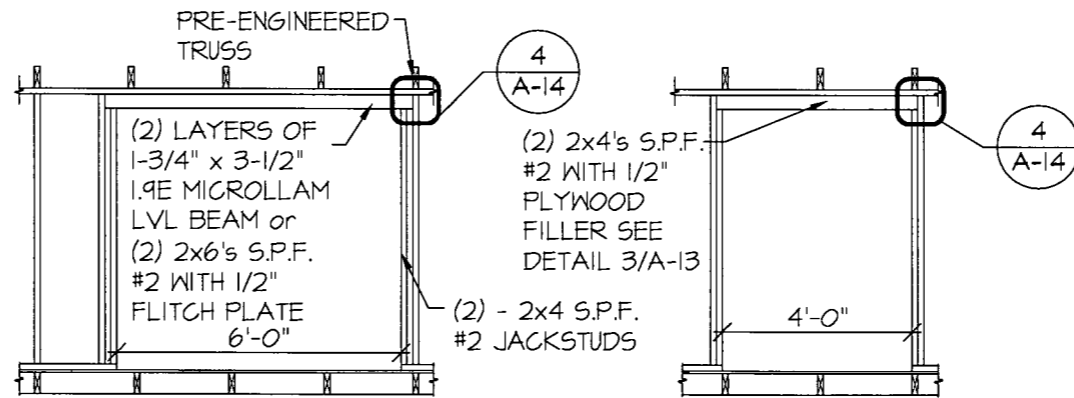
1
A-8
SIDEWALL OR ENDWALL
2'-0" WINDOW HEADER AND SILL
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



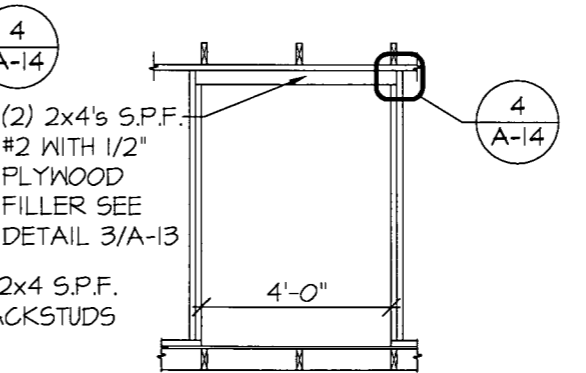
2
A-8
SIDEWALL
3'-0" OPENING HEADER AND SILL
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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

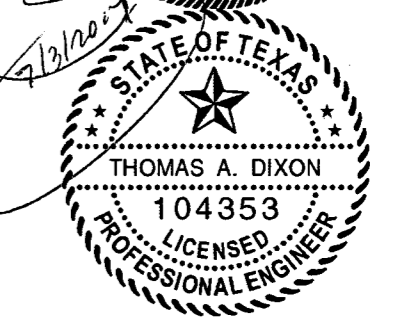
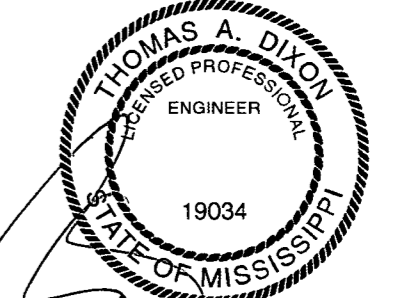
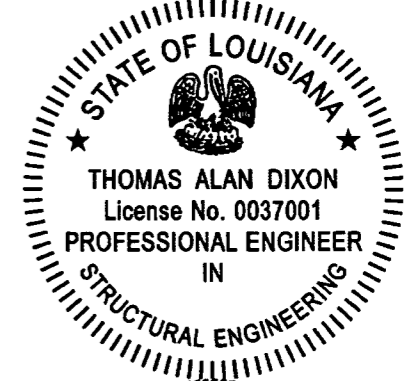


4
A-8
SIDEWALL
6'-0" DOOR HEADER
FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



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

AREA FOR APPROVAL STAMPS



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THOMAS A. DIXON, P.E.

| | |
|---------------------------------|--|
| AL# 30631 MS# 19034 KS# 21198 | DIXON ENGINEERIN, INC. |
| SC# 21542 NC# 035985 GA# 034371 | STRUCTURAL ENGINEERING AND INSPECTION - COA 8145 |
| WV# 071936 TX# 104353 MD# 40905 | 10410 MAIN STREET |
| PA# 079009 VA# 045593 | THONOTOSASSA, FL 33594 |
| TN# 112761 FL# 34222 | VOICE: 813-982-9885 FAX: 813-982-2306 |

COOK PORTABLE WAREHOUSES

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

FRAMING ELEVATIONS

| | |
|-------------|----------|
| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
| CHECKED BY: | TAD |
| SCALE: | AS NOTED |
| W.O. NO.: | 495-075 |

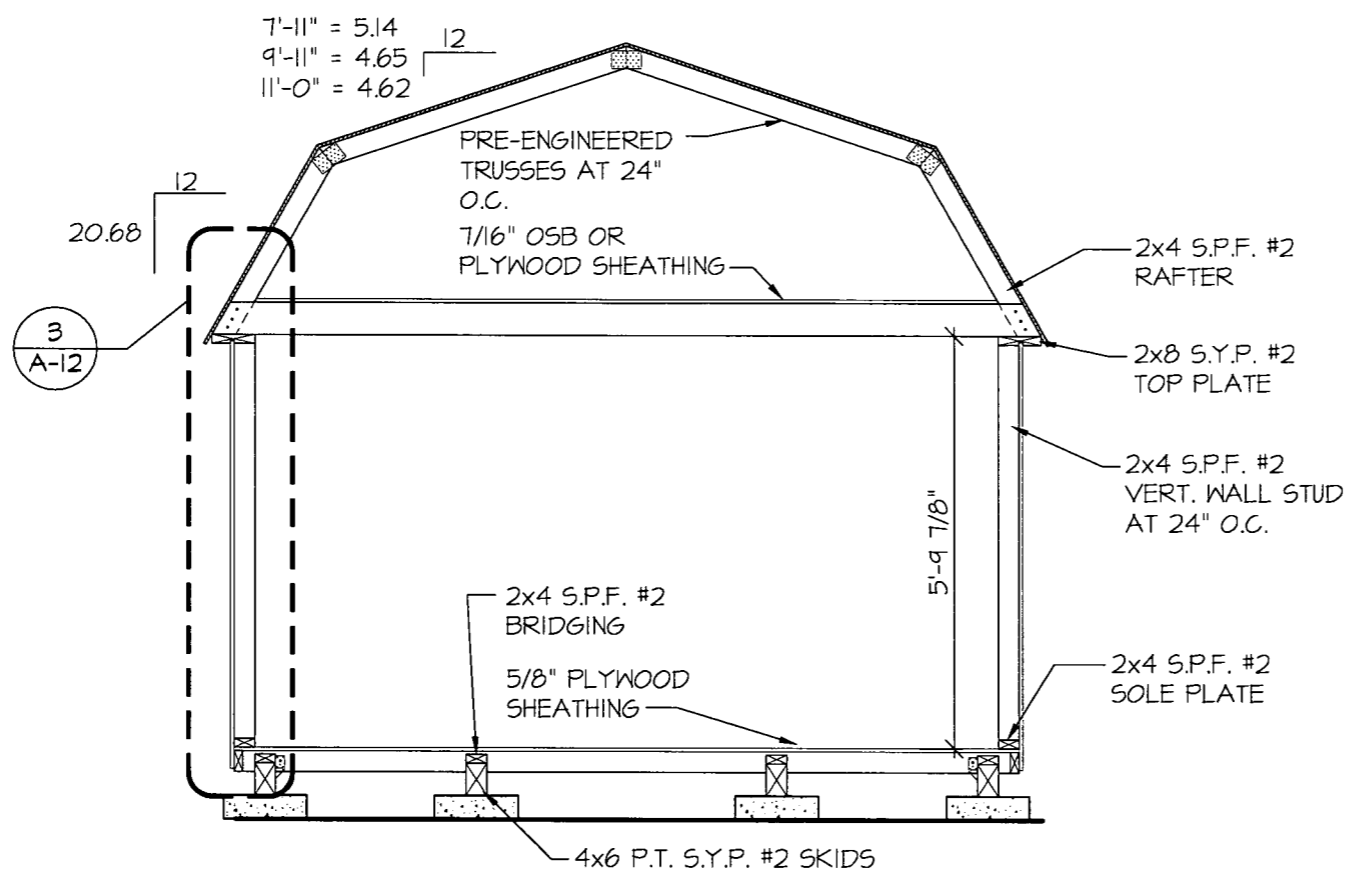
SHEET

A-8

14 OF 20

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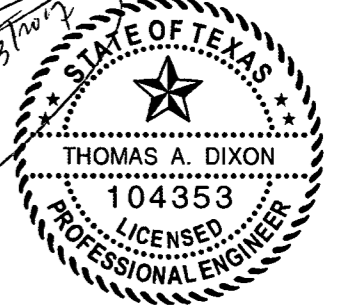
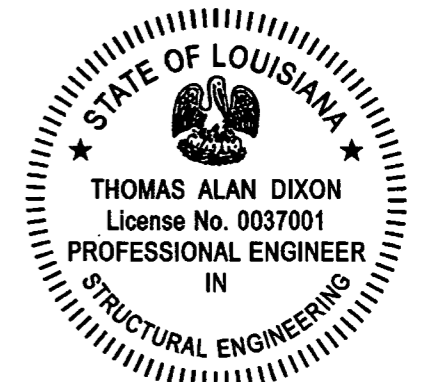
NOTE:
 FOR ALL FASTENING OF FRAMING MEMBERS NOT NOTED ON THIS SHEET REFER TO FASTENING SCHEDULE ON SHEETS C-4 THRU C-6



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

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

AREA FOR APPROVAL STAMPS



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| 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 |

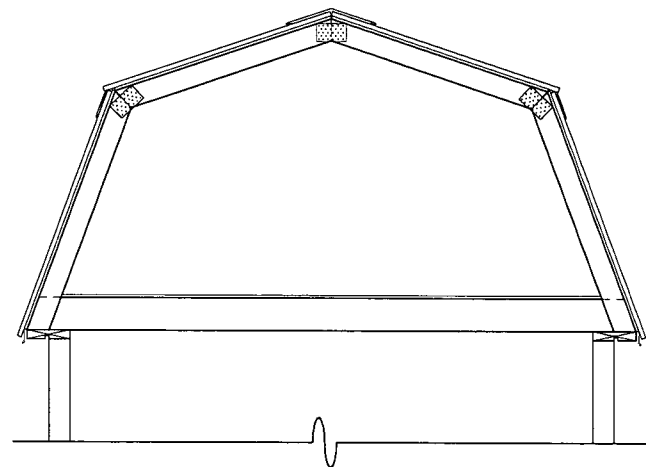
COOK PORTABLE WAREHOUSES
 LOFTED BARN SHED
 100 DOUGLAS STREET
 VALDOSTA, GA 31601
 PHONE: 1-229-241-8805

SECTION & DETAIL

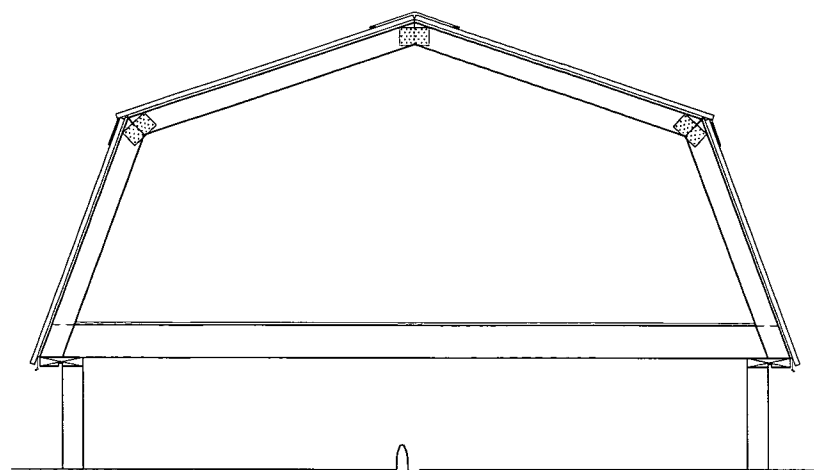
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| DATE: | 6/29/17 |
| DRAWN BY: | CNO |
| CHECKED BY: | TAD |
| SCALE: | AS NOTED |
| W.O. NO: | 495-075 |

SHEET
A-9
 15 OF 20

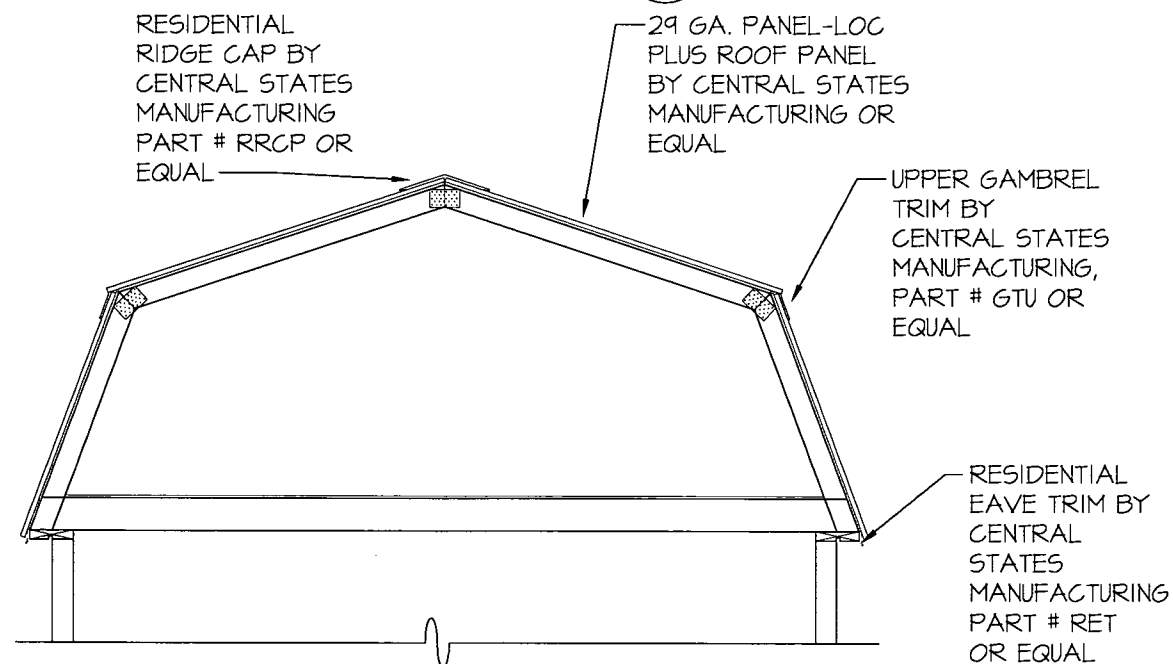
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①
A-10
7'-11 1/2" WIDE
OPTIONAL METAL ROOF
CROSS SECTION
SCALE: 3/8" = 1'-0"



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



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

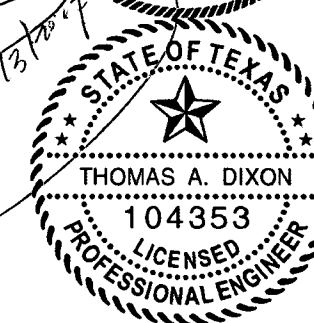
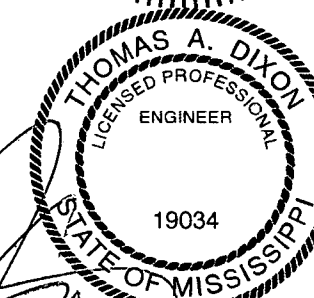
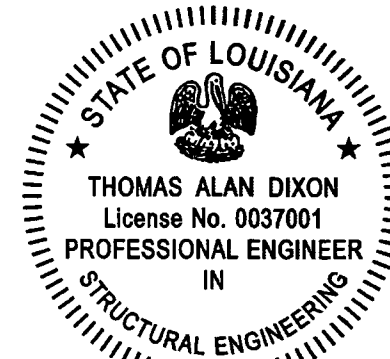
RESIDENTIAL
RIDGE CAP BY
CENTRAL STATES
MANUFACTURING
PART # RRCP OR
EQUAL

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

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

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

AREA FOR APPROVAL STAMPS



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AL# 30637 MS# 19034 KS# 21198 DIXON ENGINEERIN, 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 33542
TN# 112761 FL# 34222 VOICE: 813-982-9885 FAX: 813-982-2306

COOK PORTABLE WAREHOUSES

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

ROOF SECTIONS

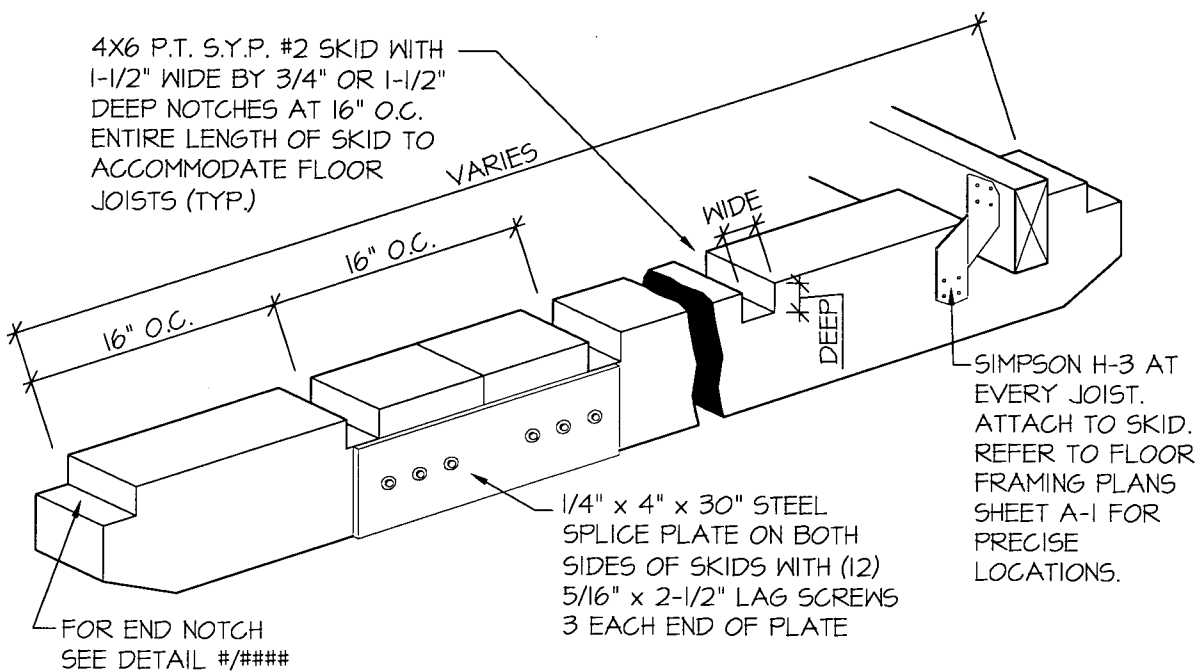
DATE: 6/29/17
DRAWN BY: CNO
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-075

SHEET

A-10

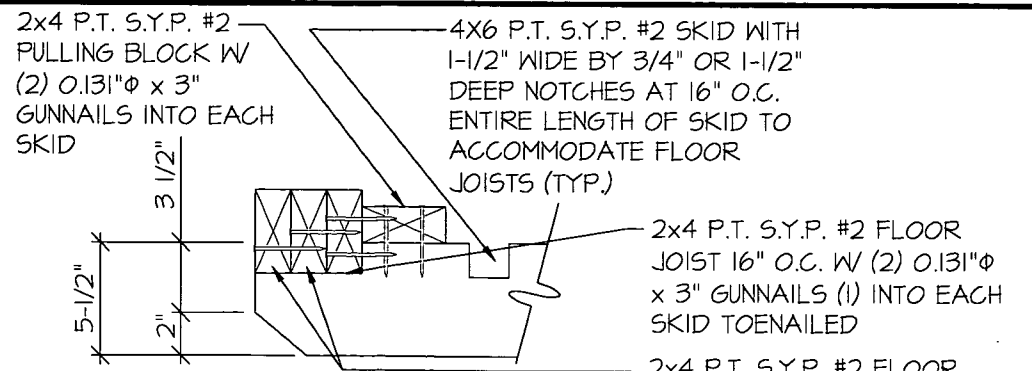
16 OF 20

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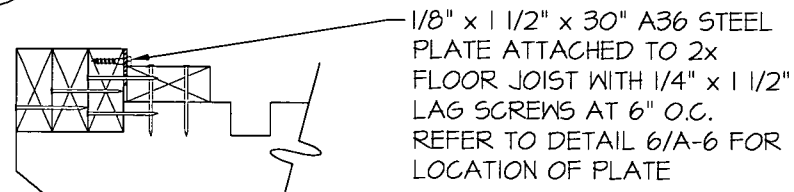


1 ISOMETRIC SKID DETAIL
A-II SCALE: N.T.S.

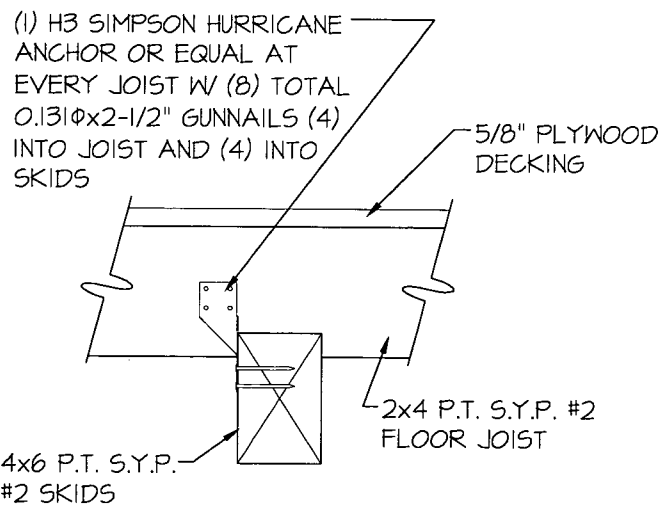
NOTE:
FOR ALL FASTENING OF FRAMING MEMBERS NOT NOTED ON THIS SHEET REFER TO FASTENING SCHEDULE ON SHEETS C-4 THRU C-6



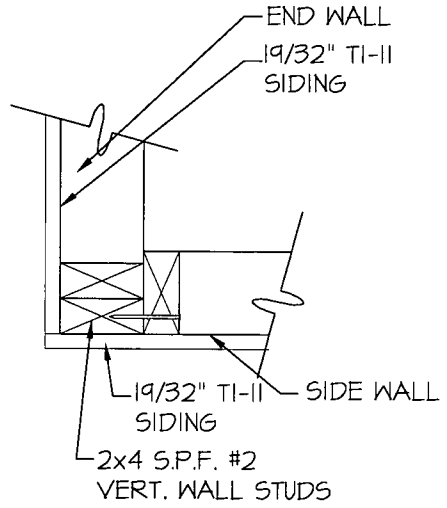
2 END WALL JOISTS TYP. END OF SKID DETAIL
A-10 SCALE: 1 1/2" = 1'-0"



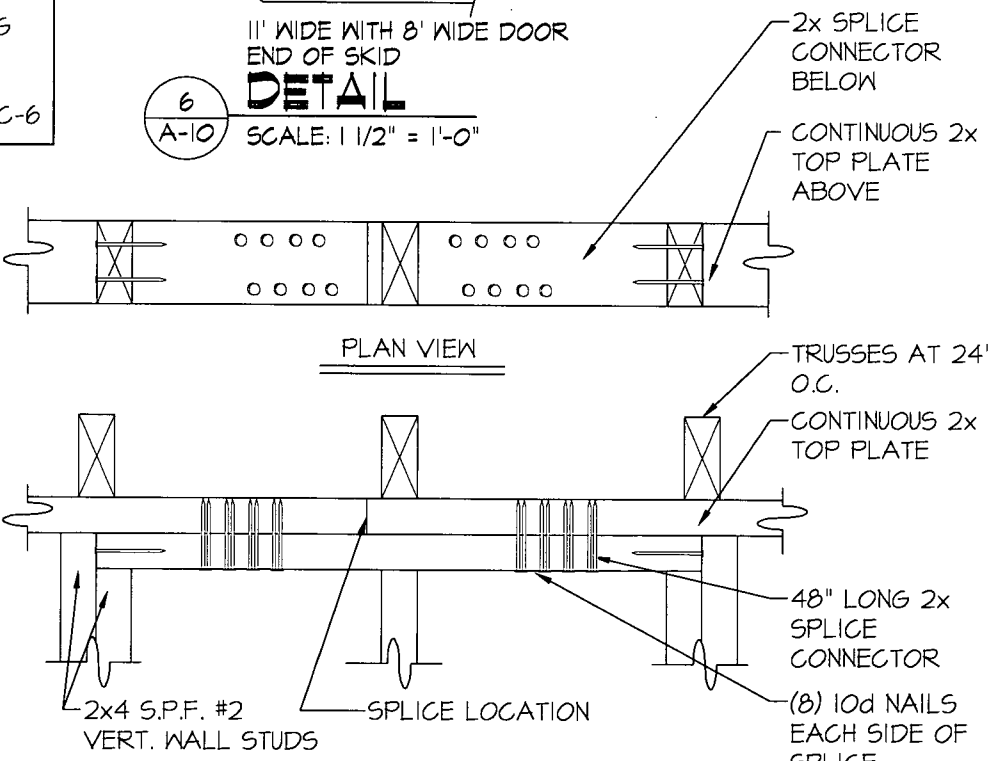
6 11" WIDE WITH 8" WIDE DOOR END OF SKID DETAIL
A-10 SCALE: 1 1/2" = 1'-0"



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



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



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

AREA FOR APPROVAL STAMPS

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

THOMAS A. DIXON
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
19034

7/3/2017

STATE OF TEXAS
THOMAS A. DIXON
104353
LICENSED PROFESSIONAL ENGINEER

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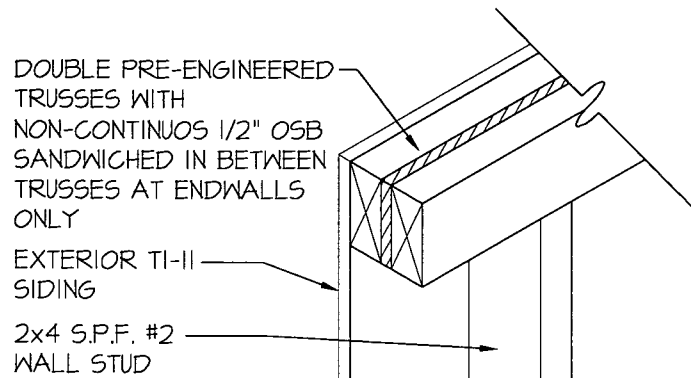
COOK PORTABLE WAREHOUSES
LOFTED BARN SHED
100 DOUGLAS STREET
VALDOSTA, GA 31601
PHONE: 1-229-241-8805

DETAILS

DATE: 6/29/17
DRAWN BY: CNO
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-075

SHEET
A-11
17 OF 20

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DOUBLE TRUSS DETAIL

SCALE: 1 1/2" = 1'-0"

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



7/16" OSB OR PLYWOOD SHEATHING FASTENED WITH 8D COMMON NAILS AT 6" O.C. IN FIELD AND EDGES

ASTM D 7158 CLASS H OR ASTM D 3161 CLASS F ASPHALT SHINGLES OVER APPROVED UNDERLAYMENT, METHOD OR DESIGN AS DESCRIBED UNDER GENERAL NOTES 10 THRU 13 ON SHEET C-3

2x8 S.Y.P. #2 TOP PLATE NOTCHED TO RECEIVE SIDING

7/16" OSB OR PLYWOOD SHEATHING FASTENED WITH 8D COMMON NAILS AT 6" O.C. IN FIELD AND EDGES

0.131"φx3" GUNNAIL TOENAILLED RAFTER TO TOP PLATE

2x4 OR 2x6 BOTTOM CHORD

SIMPSON MTS12 WITH (14) TOTAL (7) EACH END 0.148"φx1-1/2" GUNNAILS OR EQUAL INTO RAFTERS AND STUD WALLS

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

2x4 S.P.F. #2 VERT. WALL STUD 24" O.C.

2x4 FLOOR JOIST

2x4 BAND JOIST

20 GAUGE x 1-1/4" GALV. STEEL STRAP WITH (20) 0.131"φx2-1/4" NAILS OR EQUAL (13) INTO RAFTERS AND (7) INTO STUD WALL

ALTERNATE STANDARD BARN WALL STUD TO RAFTER ROOF DETAIL

SCALE: 1 1/2" = 1'-0"

ALTERNATE STANDARD BARN WALL STUD TO RAFTER FASTENING WITH METAL ROOF DETAIL

SCALE: 1 1/2" = 1'-0"

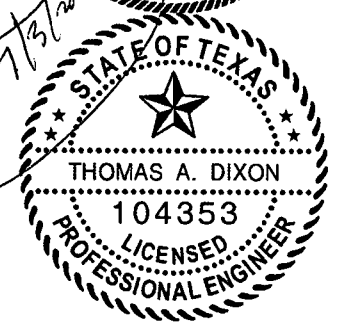
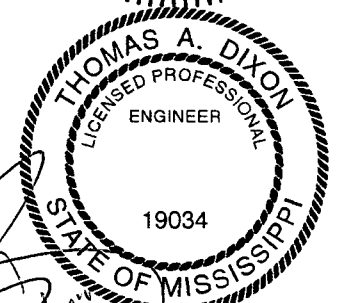
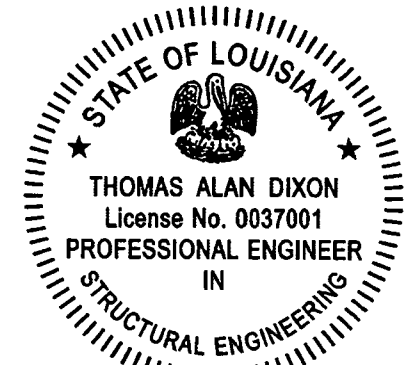
WALL STUD TO RAFTER FASTENING W/ METAL ROOF DETAIL

SCALE: 1 1/2" = 1'-0"

WALL STUD TO RAFTER AND FLOOR FASTENING DETAIL

SCALE: 1 1/2" = 1'-0"

AREA FOR APPROVAL STAMPS



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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# 27542 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

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

DETAILS

DATE: 6/29/17
DRAWN BY: CNO
CHECKED BY: TAD
SCALE: AS NOTED
W.O. NO: 495-075

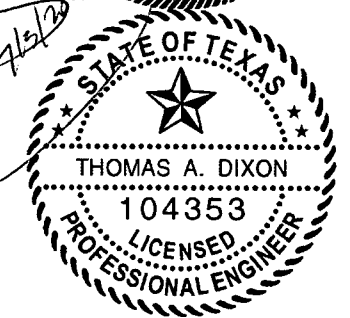
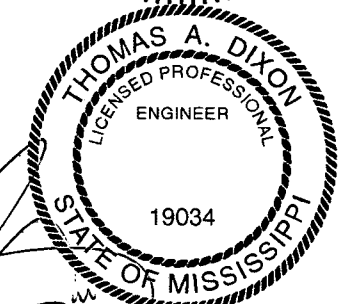
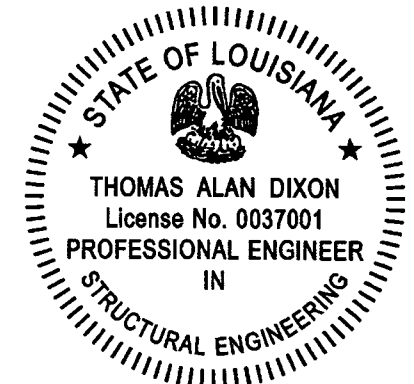
SHEET

A-12

18 OF 20

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AREA FOR APPROVAL STAMPS



NOTE:
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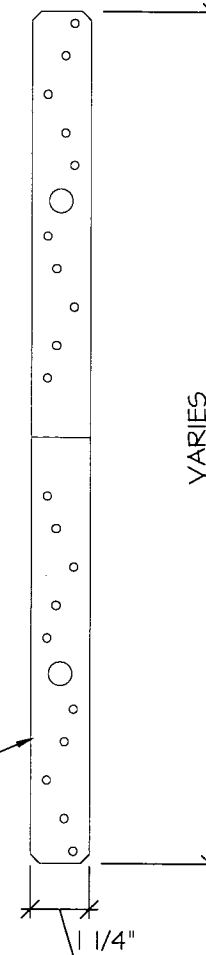


16 GAUGE GALVANIZED STEEL WITH (14) TOTAL (7) EACH END 0.148"φx1-1/2" NAILS OR EQUAL INTO RAFTERS AND STUD WALLS

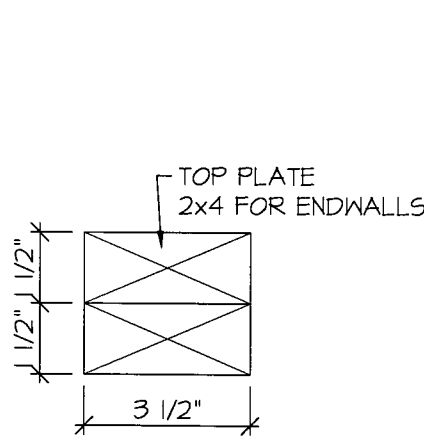
1
A-13
DETAIL
SCALE: 3" = 1'-0"

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

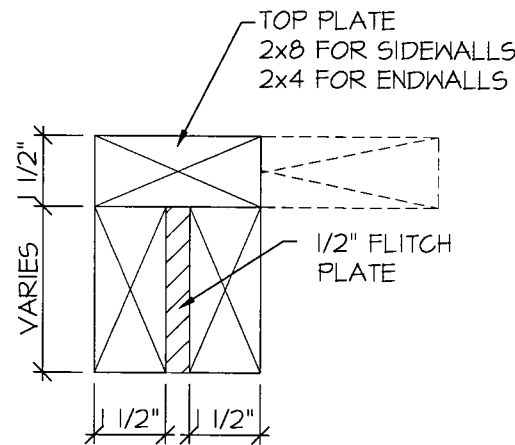
20 GAUGE x 1-1/4" GALV. STEEL STRAP WITH (20) 0.131"φ x 2-1/4" NAILS OR EQUAL (13) INTO RAFTERS AND (7) INTO STUD WALL



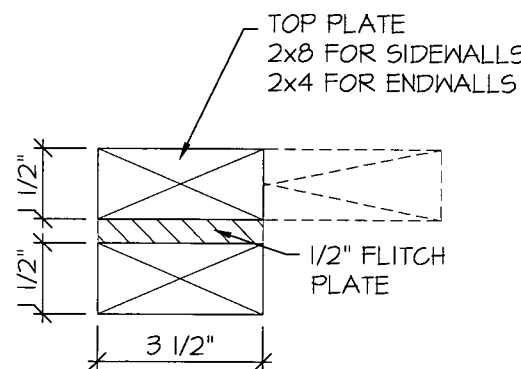
5
A-13
20 GAGE STRAP DETAIL
SCALE: 3" = 1'-0"



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



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



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

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DIXON ENGINEERING, INC.
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COOK PORTABLE WAREHOUSES

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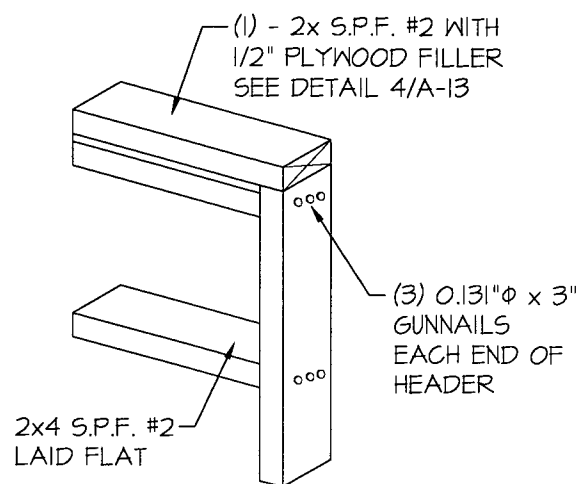
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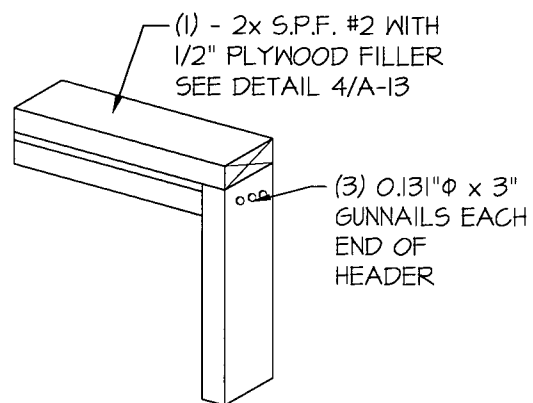
A-13

19 OF 20

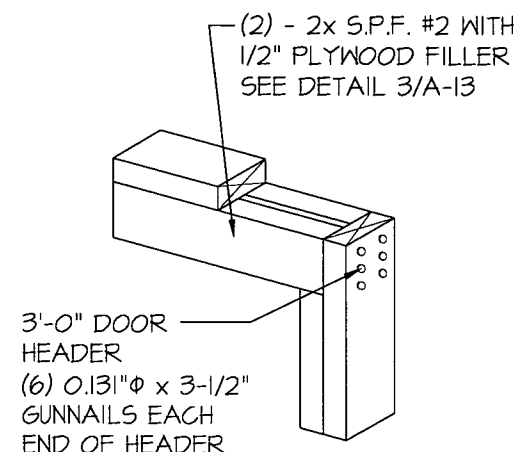
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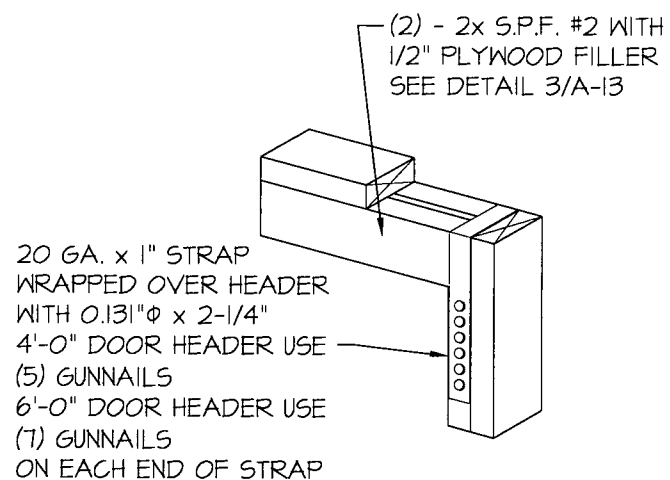
1
A-14
**WINDOW HEADER AND SILL
DETAIL**
SCALE: N.T.S.



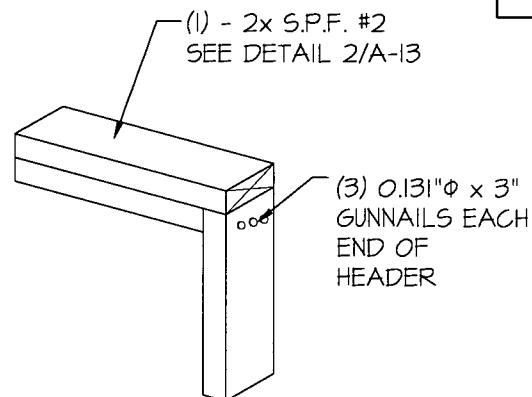
2
A-14
**HEADER WITH OUT STRAP
DETAIL**
SCALE: N.T.S.



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



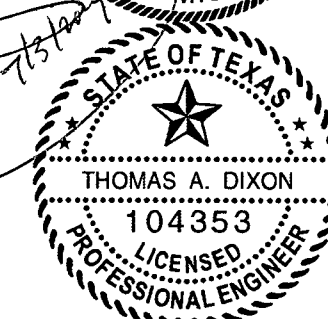
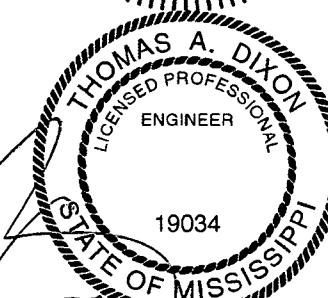
4
A-14
**HEADER WITH STRAP
DETAIL**
SCALE: N.T.S.



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

NOTE:
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AREA FOR APPROVAL STAMPS



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|---------------------------------|--|
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SHEET
A-14
20 OF 20