Elizabeth Street Duplex

914 Elizabeth Street Americus GA

for

Fuller Center

Tom McFarland - (229) 942-0224

ENGINEERED FOR:

WIND LOAD
100 MPH

SNOW LOAD

---------
SIPS Team USA
PO Box 7085
Bainbridge GA 39818
PH 229-246-8880
WWW.SIPSTEAMUSA.COM

PROJECT: 087    POS:     CLIENT: Fuller Center    BUILD: Elizabeth Street Duplex    PLAN: A01

SYMBOL TRANSLATION:

F = Full-Route Foam is set back 1-5/8"
2F = Double Full-Route Foam is set back 3-1/4"
H = Half-Route Foam is set back 3/4"
HL = Half-Route Foam is set back 3/4" and one pcs. of 2x dimensional lumber is installed.

5-1/2" ROUTE = Foam is cut out to accept header
5-1/2" HEADER = Foam is cut out to accept header and header is factory installed.

T = Foam is set back to accept 1 pc. of lumber (lumber is factory installed with only one screw to allow for removal and must be field installed).
TT = Foam is set back to accept 2 pcs. of lumber (lumber is factory installed with only one screw to allow for removal and must be field installed).

SO = Single OSB Spine-Foam is set back 1/2"x1-3/4" just beneath OSB skin. (See detail for nail pattern to install)

DO = Double OSB Spine-Foam is set back 1/2"x1-3/4" just beneath OSB skin. (See detail for nail pattern to install)

2F2L = Two Full Route-Foam is set back 3-1/4" & 2 pcs. of 2x dimensional lumber is installed.

2F4L = Two Full Route-Foam is set back 3-1/4" & 4 pcs. of 2x dimensional lumber is installed.

FL = Full Route-Foam is set back 1-5/8" & one pc of 2x dimensional lumber is installed.

F2L = Full Route-Foam is set back 1-5/8" & two pcs of 2x dimensional lumber is installed.

LVL = Structural Lumber-Foam set back to accept LVL

NR = No Route- Flush cut no foam set back

SFL = High Wind Structural Spines-Foam set back and install spines.

E-LVL = Foam set back and install LVL with glue and nails.

NOTE TO CONTRACTOR/INSTALLER

AS YOU UNLOAD THE SIPS PANELS ON THE JOB SITE YOU ARE REQUIRED TO PROTECT MATERIAL FROM WEATHER AS FOLLOWS:

1. STACKS OF PANELS ARE TO BE STORED 3" OFF THE GROUND. (PLACE 2 (2X4 ON GROUND AS RUNNERS AND STACK PANELS ON THEM)

2. COVER STACKS OF PANELS WITH PLASTIC SHEETS OR TARP.

FOR ANY ADDITIONAL INFORMATION PLEASE CALL 229-246-8880.

ATTENTION:

IF YOU NEED TO TRIM AND/OR ADJUST A PANEL MORE THAN 1" OR HAVE ANY QUESTIONS, PLEASE CALL THE FACTORY @ 229-246-8880
WALL PANEL LAYOUT

**E** BUMP-OUT REAR PANEL LAYOUT

**F** BATHROOM EXTENSION RIGHT SIDE PANEL LAYOUT

**G** (MAIN) REAR RIGHT PANEL LAYOUT

**H** RIGHT PANEL LAYOUT

---

**LEGEND**

- Window opening to have full route and lumber installed all around opening (U.N.O.)
- Common frame by others
- Wire chase location

---

**PROJECT:** 087  **POS:** Fuller Center  **BUILD:** Elizabeth Street Duplex  **PLAN:** A06

---

**Project Information:**

**Walls:**
- 4 1/2"
- 8 1/4"

**Roof:**
- 1/4"=1'-0"

---

**FOR REFERENCE USE ONLY**

---

**ISOMETRIC DRAWING NOT TO SCALE**

---

**SIPS Team USA**

PO Box 7085
Bainbridge GA 39818
PH 229-246-8880
WWW.SIPSTEAMUSA.COM
**R-VALUE/ENERGY INFORMATION**

Based on test results - Whole Wall Rating' Label for Structural Panel: Steady-State Thermal Analysis.

June 4, 1999 Oak Ridge National Laboratory.

Also refer to Federal Trade Commission 16 CFR Part 460, labeling of home insulation.

- R-Value Comparison to fiberglass
- Actual R-Value: Performance Value:
  - 4 1/2" R-17* R-25
  - 6 1/2" R-25* R-38
  - 8 1/4" R-33* R-50
  - 10 1/4" R-41* R-62

R-Values are currently based on fiberglass testing, which is done on dry air laboratories, which do not reflect the true conditions of a home. When tested by Oak Ridge National Laboratories, and 8x8 SIPS Box tested 15 x tighter than a stick framed box! Because air-tightness and thermal mass are properties that are inherent with SIPS, they will out-perform their given R-Values in comparison to fiberglass.

- All R-Values included inside and outside with covering plus infiltration barrier (House Rap)
- Performance values have been accepted by permitting agencies throughout the following states: NC, SC, FL, GA, TN, and MS.

**BEAM AND HEADER SCHEDULE**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>TYPE</th>
<th>SIZE</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PANEL</th>
<th>STRAPS &amp; CLIPS</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1/ B2</td>
<td>W1/L2</td>
<td>3 1/2&quot; x 2 1/2&quot;</td>
<td>FOAM SCOOP</td>
<td>221 2nd Ramp</td>
<td>10 1/4&quot;</td>
<td>6&quot; FOAM SCOOP</td>
<td>INTENDED USE INSULATION</td>
</tr>
<tr>
<td>B3</td>
<td>W1/L2</td>
<td>3 1/2&quot; x 2 1/2&quot;</td>
<td>FOAM SCOOP</td>
<td>221 2nd Ramp</td>
<td>10 1/4&quot;</td>
<td>6&quot; FOAM SCOOP</td>
<td>INTENDED USE INSULATION</td>
</tr>
<tr>
<td>B4</td>
<td>W1/L2</td>
<td>3 1/2&quot; x 2 1/2&quot;</td>
<td>FOAM SCOOP</td>
<td>221 2nd Ramp</td>
<td>10 1/4&quot;</td>
<td>6&quot; FOAM SCOOP</td>
<td>INTENDED USE INSULATION</td>
</tr>
<tr>
<td>B5</td>
<td>W1/L2</td>
<td>3 1/2&quot; x 2 1/2&quot;</td>
<td>FOAM SCOOP</td>
<td>221 2nd Ramp</td>
<td>10 1/4&quot;</td>
<td>6&quot; FOAM SCOOP</td>
<td>INTENDED USE INSULATION</td>
</tr>
</tbody>
</table>

**NOTES:**
- 1. Designed in accordance with National Design Specifications for Wood Construction and applicable Amendments or Research Reports.
- 2. Shared depth center to center at all bearing locations and clear spans.
- 3. Allowable stresses in members are calculated based on the lower of the two.
- 4. Tiedown brackets should be installed in accordance with the manufacturer's instructions to prevent movement of the floor joists due to wind loads.
- 5. Effective working load is calculated based on the lower of the two.
- 6. When required by the building code, a registered design professional or building official should verify the load and product.
- 7. For additional information, see Simpson Strong-Tie technical bulletins.
- 8. Not to be installed at a wood-to-wood bearing.
- 9. When required by the building code, a registered design professional or building official should verify the load and product.
- 10. For additional information, see Simpson Strong-Tie technical bulletins.
- 11. For additional information, see Simpson Strong-Tie technical bulletins.
- 12. For additional information, see Simpson Strong-Tie technical bulletins.
- 13. For additional information, see Simpson Strong-Tie technical bulletins.
- 14. For additional information, see Simpson Strong-Tie technical bulletins.
- 15. For additional information, see Simpson Strong-Tie technical bulletins.