6" DIA. SCH.40 STEEL PILES DRIVEN TO DEPTH OF 35' WITH FROST BOND BREAK

PILE LAYOUT TO FACE TRUE SOUTH BASED ON THIS SITE PLAN
SITE PLAN LOT 6 PILE STAKING PLAN

SCALE: 1" = 20'

PILE LAYOUT TO FACE TRUE SOUTH BASED ON THIS SITE PLAN

6" DIA. SCH.40 STEEL PILES DRIVEN TO DEPTH OF 35' WITH FROST BOND BREAK

SURVEY INFORMATION BY LARSEN CONSULTING LLC, ANCHORAGE, ALASKA

C1.2

1 0/21/13

14'-7 1/2"
18'
60'
45'
15'
14'-7 1/2"
BLOCKING FOR FUEL STAND TO BE CONSTRUCTED BEFORE METAL SIDING IS ATTACHED

SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

WEST ELEVATION
SCALE: 1/8" = 1'-0"

NORTH ELEVATION
SCALE: 1/8" = 1'-0"

EAST ELEVATION
SCALE: 1/8" = 1'-0"

3'
8"
6'-8"
7'-2"
6'-6"
3'
3'
6'-7 1/2"
3'
3'
4'
8'
16'
0
0
0
0

SCALE: 1/8" = 1'-0"
1. **Foundation Framing Detail**
   - Scale: 1/2" = 1'-0"

2. **Window Detail**
   - Scale: 1" = 1'-0"

3. **Soffit Detail**
   - Scale: 1" = 1'-0"

4. **Bracket Detail**

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**Design Notes**

- **Details**
  - 20" Sprayed Foam Insulation in Roof Truss cavity
  - Corrugated Metal Roofing
  - Grace Ice & Water Shield
  - 1/2 CDX Plywood Roofing
  - 2x6 Fascia (Eave flashing laps over metal fascia)
  - Corrugated Metal Siding, stops at intersection of roof and wall truss

- **Foundation**
  - 1 1/2" Dia. Threaded Rod to penetrate piling
  - 1/4" Steel Plate
  - 6" Sch. 40 Steel Piling Foundation
  - 1/2" Steel Plate 8"x8" with 9/16" hole at center welded to top of pile in the field
  - 1/2" Steel Plate 8"x8" with 9/16" hole at center welded to top of pile in the field
  - 1/4" Steel Plate 8"x8" with 9/16" hole at center welded to top of pile in the field
  - 1/2" Steel Plate 8"x8" with 9/16" hole at center welded to top of pile in the field
  - 1/2" Dia. Threaded Rod to penetrate piling
  - Nut
  - 1/2" Steel Plate 8"x8" with 9/16" hole at center welded to top of pile in the field
  - 6" Sch. 40 Steel Piling Foundation

- **Corrugated Metal Roofing**
  - 1/2 CDX Plywood Roofing
  - Grace Ice & Water Shield
  - Roof Truss Tail
  - 2x10 Wood Blocking between Trusses at top of metal siding
  - Corrugated Metal Siding, stops at intersection of roof and wall truss

- **Beam Dimensions**
  - Specified by Engineer

- **Corrugated Metal Roofing**
  - 1/2 CDX Plywood Roofing
  - Grace Ice & Water Shield

- **Foundation Framing Detail**
  - Scale: 1/2" = 1'-0"

- **Window Detail**
  - Scale: 1" = 1'-0"

- **Soffit Detail**
  - Scale: 1" = 1'-0"

- **Bracket Detail**

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**Additional Details**

- 3x12 Galvanized Carriage Bolts
- 1/2" Steel Plate 8"x8" with 9/16" hole at center welded to top of pile in the field
- 6" Sch. 40 Steel Piling Foundation
- 1 1/2" Dia. Threaded Rod to penetrate piling
- Nut
- 1/4" Steel Plate 8"x8" with 9/16" hole at center welded to top of pile in the field
- 1/2" Steel Plate
**General Notes**

- COLD CLIMATE HOUSING RESEARCH CENTER
- 1300 FABRANS STREET
- FAIRBANKS, AK 99701
- www.cchrc.org

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### WINDOW SCHEDULE

<table>
<thead>
<tr>
<th>LABEL</th>
<th>TYPE</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>R.O.</th>
<th>Open Direction</th>
<th>Front View</th>
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<td>2'-5&quot;</td>
<td>2'-11&quot;</td>
<td>Right</td>
<td>4'-11&quot; x 7'-8&quot;</td>
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### DOOR SCHEDULE

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<td>6'-8&quot;</td>
<td>3'-7 1/4&quot;</td>
<td>RHIS</td>
<td>PRIVACY LOCK</td>
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Sheet of for the community of Atmautluak, Atmautluak, Alaska

10/21/13
Aaron Cooke

Pikat Prototype Home Project

Issued: 12th July 2013

Design Development Progress Set

Rev./Issue

General Notes

Designed by:

Drawn by:

Scale: 3/16" = 1'-0"

Notes:

1. Venmar Eko HRV
2. Undercut all bedroom doors 2"
3. All supply registers in ceiling
4. Maximum duct hanger spacing: 8'
5. HRV to be balanced to slight (10CFM) positive pressure

Scale: 1/4" = 1'-0"

Makeup Air Section

Key:

- Return Air Diffuser
- Supply Air Ceiling
- Supply Air Wall
- Grille Direction

Mechanical Ventilation Plan

MECHANICAL VENTILATION PLAN

Scale: 3/16" = 1'-0"