NORTH WALL (R-61)

◎ siding
◎ ¾” vertical strapping
◎ weather barrier (majvest by siga)
◎ 9 ½’ I-joist, fill cavity with dense-packed cellulose
◎ Weather barrier (majvest by siga)
◎ sheathing
◎ 2x8 wood stud, fill cavity with dense-packed cellulose
◎ 5/8” gwb
R-55 ROOF

- Prefinished Metal Roofedge to match typical window frame finish
- 1x Blocking
- Plywood Structural Fascia
- Field-Formed Metal Fascia to match typical window frame finish
- Roof Framing, 16" TJI spaced per structural requirements. Cavities filled with dense packed cellulose
- 12" Metal Soffit Panel, Prefinished, Match Metal Fascia Finish, Typ
- Web Stiffener at bearing locations
- Top Plate - Seal to Wall Sheathing and Tape Seal to Ceiling Sheathing
- WRB Lapped over Wall and Sealed to Sheathing
- Sheathing Sealed as Air Barrier and Vapor Control Layer
- 2x8 Stud Wall filled with dense packed cellulose insulation
- Sheathing - Taped and Sealed as Air Sealing Layer and Vapor Control Layer
- 9 1/2" Engineered Wood I-Joists Fastened Through to Studs
- Siga Majvest Weather Resistance Barrier Added by Contractor
- Plywood Baffles 8'-0" O.C. Vertically
- Cavities filled with dense packed cellulose
- Siga Majvest Weather Resistance Barrier
- 3/4" Vertical Strapping Aligned with Framing
- Acetylated Wood Siding (or metal siding over added horizontal strapping)
WINDOWS
◎ INTUS triple glazed European tilt-turn
◎ Installed R 6.2, U value = 0.1604

DOORS
◎ REYNAERS triple glazed European
◎ Installed R 5.0, U value = 0.1995
TYPICAL WINDOW HEAD - NORTH WALL

- **Corrugated Metal Panel Siding (Vertical)**
- **1x Horizontal Wood Strapping Fastened Through Insulation**
- **Flashing Tape Over Top Edge of Metal Drip Cap**
- **3/4" Thick Plywood Window Buck, Apply Self-Adhered Waterproof Membrane Over Front Edge**
- **Metal Drip Cap Flashing/Head Trim Prefinished to Match Siding Color**
- **Prefinished Metal Return Trim, Hem Back Edge Against Window and Turn Down Front Edge to Receive Lower Edge of Head Trim**
- **Flashing Tape Over Face of Window Frame at Edge of Wall Sheathing**
- **Face of Window Frame Aligned With Outside Face of Wall Sheathing**

- **5/8" Thick Wall Sheathing**
- **Header, See Structural Drawings**
- **Low-Expansion Spray Foam Insulation**
- **1/2" Thick Rigid Insulation**
- **Vapor Impermeable Interior Tape Sealant Over Window Frame Onto Wood Framing**
- **Drywall Returns at Head and Jamb**
TYPICAL WINDOW SILL - NORTH WALL

- Vapor impermeable interior tape sealant over window sill frame onto flashing tape below
- Low-expansion spray foam insulation
- Vapor permeable window flashing tape, lap over 3/4" thick blocking to form back dam, extend over outer face of exterior rigid insulation. For any lap joints, interior tape should lap over exterior
- Hardwood sill and apron trim
- 5/8" GWB
- 2x6 wall framing with dense packed cellulose insulation
- 5/8" wall sheathing

- Face of window frame aligned with outside face of wall sheathing
- Self-adhering waterproof membrane applied from face of window sill, wrap over plywood sub sill and onto face of rigid insulation below
- 3/4" plywood buck/sub sill set at 5° slope
- Metal sill to turn up at jambs min 1", jamb trim to lap over and hold min 1/4" above sill surface
- Prefinished metal sill with back edge turned up into window frame, front edge wrapping plywood sub sill with drip edge
- Prior to installing plywood sill fold WRB over top of 9 1/2" TJI, lap window sill flashing over WRB
- Corrugated metal panel siding (vertical)
- 1x horizontal wood strapping fastened through insulation
TYPICAL WINDOW HEAD - SOUTH WALL

HEADER, SEE STRUCTURAL DRAWINGS
LOW-EXPANSION SPRAY FOAM INSULATION
1/2" THICK RIGID INSULATION
VAPOR IMPERMEABLE INTERIOR TAPE SEALANT OVER WINDOW FRAME ONTO WOOD FRAMING
DRYWALL RETURNS AT HEAD AND JAMB

2" THICK RIGID INSULATION
2" THICK FOIL FACED RIGID INSULATION
HORIZONTAL WOOD SHIPLAP SIDING
1X VERTICAL WOOD STRAPPING FASTENED THROUGH INSULATION
2" THICK NAILER FOR ATTACHING WOOD HEAD TRIM
FLASHTAPE OVER TOP EDGE OF METAL DRIP CAP
METAL DRIP CAP FLASHING
FLASHTAPE OVER FACE OF WINDOW FRAME AT EDGE OF WALL SHEATHING
5/4" THICK WOOD HEAD EXTENSION TRIM
FACE OF WINDOW FRAME ALIGNED WITH OUTSIDE FACE OF WALL SHEATHING
TYPICAL WINDOW SILL - SOUTH WALL

- Vapor permeable window flashing tape, lap over 3/4" thick blocking to form back dam, extend over outer face of exterior rigid insulation. For any lap joints, interior tape should lap over exterior.
- 2" thick nailer for attaching plywood subsill, bevel top edge 6°.
- 2x6 wall framing with dense packed cellulose insulation.
- 5/8" wall sheathing.
- Vapor impermeable interior tape sealant over window sill frame onto flashing tape below.
- Low-expansion spray foam insulation.
- Face of window frame aligned with outside face of wall sheathing.
- Self-adhering waterproof membrane applied from face of window sill, wrap over plywood subsill and onto face of rigid insulation below.
- 3/4" plywood subsill, 7" deep, set at 5° slope.
- Metal sill to turn up at jambs min 1", jamb trim to lap over and hold min 1/4" above sill surface.
- Prefinished metal sill with back edge turned up into window frame, front edge wrapping plywood subsill with drip edge.
- Horizontal wood shiplap siding.
- 1x vertical wood strapping fastened through insulation.
- 2" thick foil faced rigid insulation.
- 2" thick rigid insulation.

TYPICAL WINDOW SILL - SOUTH WALL
FRONT ENTRY DOOR TRANSITIONS

7/17/17