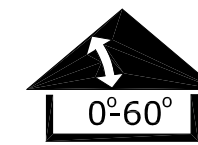# General Notes

1. This drawing emphasizes the TZR, TZRL & TZRQ VELUX Sun Tunnel Skylights. It illustrates a general arrangement layout (plus recommendations) for a VELUX TZR installation in a 0—60 degree roof pitch application, and the VELUX TZRL & VELUX TZRQ in a 10—60 degree roof application utilizing a hard ceiling installation.
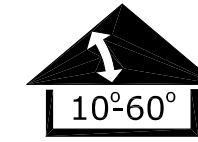
2. The architectural/structural design and specifications for the inclusion of a tubular daylighting device, such as the VELUX TZR/TZRL/TZRQ 014, in any roofing/ceiling application is determined and provided by others. The design criteria includes, but is not limited to design loads, structural configurations, structural framing member sizes and material , architectural finishes and integration with the roofing/ceiling systems of the building. VELUX assumes no responsibility or liability in the design, construction and performance of a building structure by others.

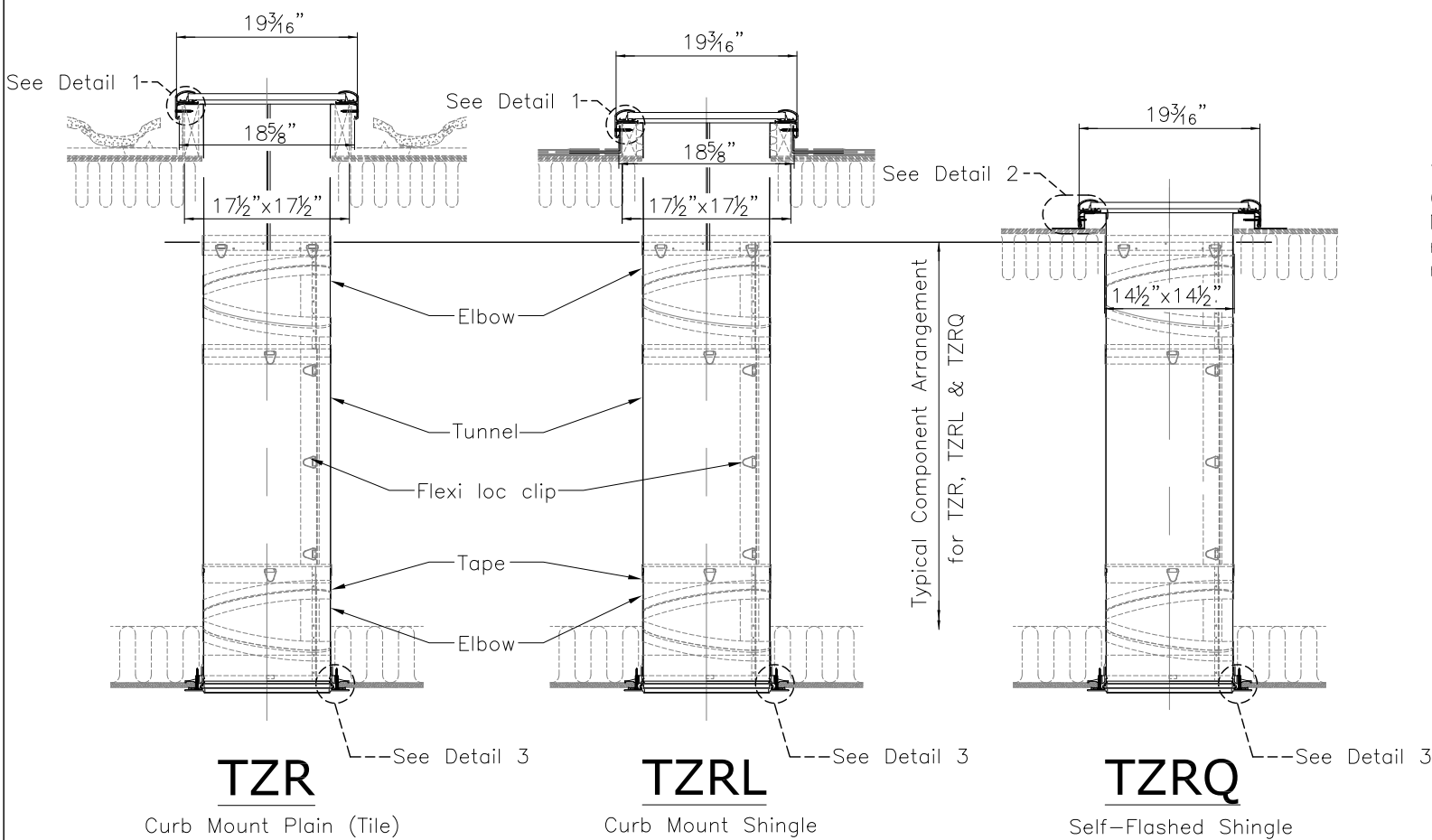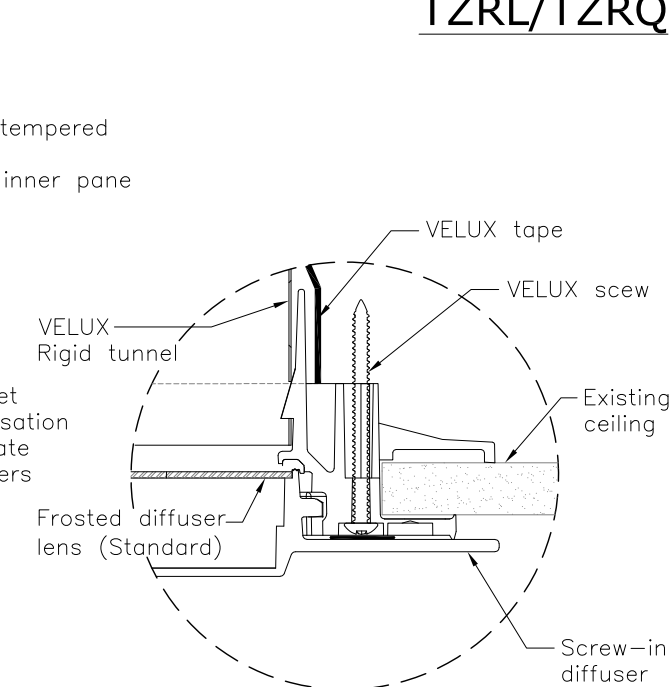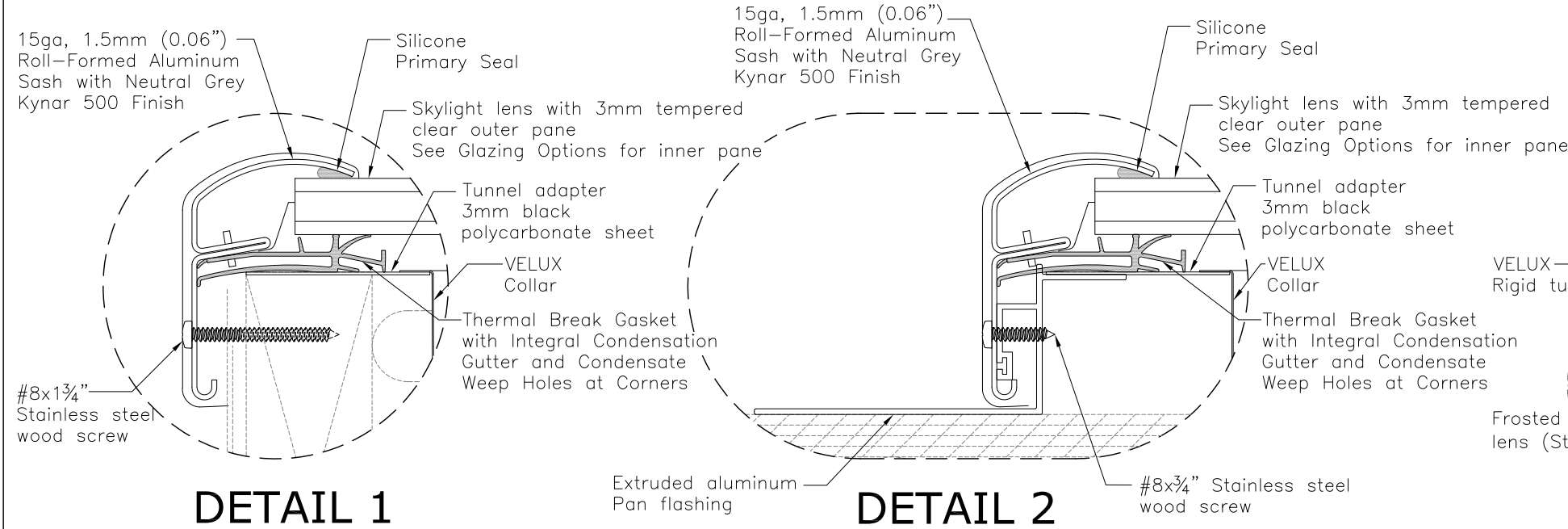3. Dimensions shown are nominal, unless indicated otherwise.

4. VELUX recommends fastening TZR/TZRL/TZRQ flashing to roof decking or roof framing.

0°-60°
TZR

10°-60°
TZRL/TZRQ

TZR 014
- Frame, sash, pane assembly
- Top collar (16"/.4m)

TZRL 014
- Frame, sash, pane assembly
- ECW flashing, underlayment
- Top collar (16"/.4m)

TZRQ 014
- Frame, sash, pane assembly
- Pan flashing
- Top collar (4"/.1m)

Common Components included with all TZR/TZRL/TZRQ 014
- Tunnel adapter
- 24"/.61m Rigid tunnel
- (2) 11.5"/.29m Rigid elbows
- Tape for tunnel joints
- Hardware bag

- Ceiling ring assembly with crackle over frosted diffuser
- Gasket material for diffuser
- Hardware bag

- Options
  - ZTC 014 0002US—Prismatic diffuser
  - ZTC 014 0003US—Fresnel diffuser

Option: ZTR 014 Rigid Tunnel Extensions
- ZTR 014 0002
  24"/.61m Rigid tunnel
- ZTR 014 0004
  48"/1.22m Rigid tunnel
- ZTR 014 0006
  72"/1.83m Rigid tunnel
- ZTR 014 0012
  144"/3.66m Rigid tunnel
- ZTR 014 0024
  288"/7.32m Rigid tunnel

Glazing Options:
- 1A00 Impact—Clear 3 mm tempered outer pane with 6.9 mm laminated inner pane
- 2A00 Wildfire—Clear 3 mm tempered outer pane with 7 mm diamond wire inner pane

DETAIL 1
- 15ga, 1.5mm (0.06") Roll—Formed Aluminum Sash with Neutral Grey Kynar 500 Finish
- Silicone Primary Seal
- Skylight lens with 3mm tempered clear outer pane See Glazing Options for inner pane
- Tunnel adapter 3mm black polycarbonate sheet
- VELUX Collar
- Thermal Break Gasket with Integral Condensation Gutter and Condensate Weep Holes at Corners
- #8x1¾" Stainless steel wood screw

DETAIL 2
- 15ga, 1.5mm (0.06") Roll—Formed Aluminum Sash with Neutral Grey Kynar 500 Finish
- Silicone Primary Seal
- Skylight lens with 3mm tempered clear outer pane See Glazing Options for inner pane
- Tunnel adapter 3mm black polycarbonate sheet
- VELUX Collar
- Thermal Break Gasket with Integral Condensation Gutter and Condensate Weep Holes at Corners
- Extruded aluminum Pan flashing
- #8x¾" Stainless steel wood screw

DETAIL 3
- VELUX tape
- VELUX scew
- VELUX Rigid tunnel
- Existing ceiling
- Frosted diffuser lens (Standard)
- Screw—in diffuser

TZR
Curb Mount Plain (Tile)
- 19³⁄₁₆"
- 18⅝"
- 17½"x17½"
- See Detail 1
- Elbow
- Tunnel
- Flexi loc clip
- Tape
- Elbow
- See Detail 3

TZRL
Curb Mount Shingle
- 19³⁄₁₆"
- 18⅝"
- 17½"x17½"
- See Detail 1
- See Detail 2
- See Detail 3

TZRQ
Self—Flashed Shingle
- 19³⁄₁₆"
- 14½"x14½"
- See Detail 3

Typical Component Arrangement for TZR, TZRL & TZRQ

General Arrangement Layout
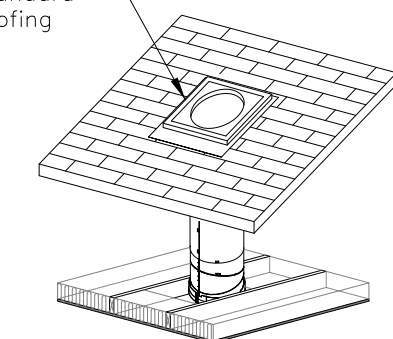VELUX TZRL 014 (TZR 014 & TZRQ 014, Similar) Mount & flash using standard roofing practices for roofing material being used.

TZR 014, TZRL 014 & TZRQ 014 - Residential Sun Tunnels

This drawing is an instrument of service and is provided for informational use only.