General notes:

These structural notes supplement the drawings. Any discrepancy found among the drawings, these notes, and the site conditions shall be reported to the
Engineer, who shall correct such discrepancy in writing. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk.

The Contractor shall verify and coordinate the dimensions among all the drawings prior to proceeding with any work or fabrication. The Contractor is responsible for all tracing and shoring during construction.

All construction shall conform to the applicable portions of the latest edition of the International Building Code except where noted.

Design Criteria:
1. Live Load = 25 PSF (FLOOR)
   = 40 PSF (Roof)
2. Dead Load
   = 10 PSF (Partition)
   = 12 PSF (Wall)
   = 150 PSF (Roof Deck)
3. Wind = 2008 IBC Exposure B @ 100 mph (LSP), 77 MPH (AGW), 3 second gust
4. Earthquake = 2008 IBC
   - Site Class D
   - Seismic Design Category D
   - 70% of 1,320
   - 1,220
   - 650
5. Soil = 1000 PSF, Assumed Bearing Capacity

Concrete & Reinforcing Steel:
1. All concrete work shall be per the 2018 IBC Chapter 19 and ACI 318-14. Concrete quality, mixing and placement shall be per ACI 318-14. Mixing and placement shall be per ACI 318-14 and inspections shall be per 2018 IBC, Chapter 19, Sections 53 and 54.
2. All reinforcing shall be ASTM A615 Grade 60 or equivalent as shown on the plans.
3. Concrete shall be in accordance with ACI 318.
   - n = 2000 psi @ 28 day slump = 4" maximum, 6% Air entrained

Ceiling:
1. Structural framing shall be #2 Douglas Fir.
2. G + columns shall be #1 Douglas Fir.
3. Joists shall be tied shear and stored in a dry area prior to installation.
4. Shear walls shall be pre-designed, manufactured and constructed according to the specifications of the True Plate System.

True Plate manufacturers are responsible for the detailing of the trusses including wall and ceiling and all other framing between the building and the trusses unless specifically shown otherwise on the drawings.

5. Glulam beams shall be 24H-90 for continuous or continuous beams and 24H-84 for simple spans.
   - (P) = 2,400 PSI
   - (P) = 260 PSI
   - G = 1,800,000 PSI
   - MC = 60 PSI

6. Continuous and cantilevered glulam members shall be jacked, all other glulam members shall be jacked for L480. See the framing plans for any exceptions.
7. Joists shall be nailed 6" o.c. edges and 12" o.c. fasten with 8d nails unless otherwise noted on the drawings.

Hardware:
All connection hardware shall be Simpson "Strong-Tie", unless noted otherwise.

Connection hardware exposed to weather or in contact with the ground or pressure treated wood shall be galvanized per ASTM A-123 with 1.25 oz. of zinc per square foot of contact area.

CONTRACTOR TO FIELD VERIFY ALL CONDITIONS AND ELEVATIONS.

TYPICAL WALL SHEAR ELEVATION

SCHAEFER STATE PARK
RELOCATE CAMPGROUND
WELCOME CENTER
STRUCTURAL NOTES & DETAILS
SO.4