Project Number: U1080-002-161

June 9, 2016

Rockwell, Inc.
55 East 600 South
Provo, UT  84606

ATTENTION: Mr. Vaughn Cook

REFERENCE: ROCKWELL FIBERGLASS WINDOW WELL
RISA 3D ANALYSIS OF 8'-0" TALL WINDOW WELL

Mr. Cook:

Per your request, we have created a computer model of the Rockwell Window Well using RISA 3D. Using the RISA 3D computer model, we have analyzed the Rockwell Fiberglass Window Well to determine if the window well can support lateral earth pressures up to 62 pounds per cubic foot (pcf). The following criteria was used in the analysis:

1. Window well dimensions = 66 inches wide x 44 inches deep x 96 inches high. See sheets 2 thru 5 in the structural calculations for actual shape and dimensions of the window well.

2. Wall connection = Minimum of eight (8) anchors at each flange on each side of window well. Anchors to be spaced a maximum of 18 inches on center.

3. Fiberglass material properties:
   - Flexural Yielding Stress = 35,064 psi
   - Flexural Modulus = 1,516,000 psi
   - Shear Yielding Stress = 48,555 psi
   - Compression Yielding Stress = 15,189 psi
   - Tension Yielding Stress = 13,747 psi
   - Coefficient of Thermal Expansion = 0.000015 in/in/°F

Based on our computer analysis using RISA 3D, the above referenced Rockwell Fiberglass Window Well can support lateral soil pressures up to 62 pcf. See the structural calculations (prepared by our office) dated June 9, 2016 for supporting calculations and additional information.

We hope this meets your needs. If you have any further questions regarding this matter, please contact this office at your convenience.

Sincerely,
L. R. NELSON CONSULTING ENGINEERS, LLC

[Signature]

Brett D. Young, P.E., S.E.
Managing Engineer

BDY/BDY