

Geotechnical Report Extraction Summary

Source: City of College Geotechnical Report.pdf
Generated: December 31, 2025

Report Information

Field	Value
Project Name	Proposed Reservoir No. 4
File/Reference No.	5571-011-01
Location	College Place, Wa
Report Date	January 18, 2024
Prepared For	J-U-B Engineers, Inc.

Bearing Capacity (from Tables)

TABLE 3. RECOMMENDED ALLOWABLE BEARING CAPACITY FOR SHALLOW FOUNDATIONS
(Page 12)

Footing Width (ft)	Allowable Bearing (psf)
4	6,500
5	7,000
6	7,500
7	8,000
8	8,500
9	9,000
10	9,500
11	10,000
12	10,500
13	11,000
14	11,500
15 or larger	12,000

Conditions: 1 Allowable bearing capacity values based on footing embedment of at least 5 feet. psf = pounds per square foot Note: The tank designer should select final design bearing pressures in conjunction with settlement criteria as presented in the following section of this report. Lower design bearing

Table 4 are based on the maximum bearing pressure to achieve (Page 13)

Footing Width (ft)	Allowable Bearing (psf)
4	6,500
6	6,000
8	8,500

10	9,500
12	8,000
14	7,000

Conditions: 1 Bearing capacity controls over settlement. Settlement expected to be less than 1 inch at maximum allowable bearing pressure. Bearing capacity controls when settlement exceeds 1 inch. Settlement expected to be about 1½ inches at maximum allowable bearing pressure.

Exploration Program

ID	Depth	Groundwater
B-1	—	Not observed
B-2	101.0 ft	59.0 ft
B-3	61.5 ft	Not observed

Pages Requiring Manual Review

Graphical boring logs detected on: p.32, p.33, p.34, p.35, p.36, p.37, p.38

Extraction Status

Parameter	Status
Allowable Bearing Capacity	Found (19)
Friction Angle	Not Found
Unit Weight	Found (3)
Groundwater Depth	Found (3)

This summary does not replace professional review.