



February 4, 2026

Project No.: 305811-006

Report No.: 26-2-4

Attention: Ryan Hughes
Ventura Unified School District
255 W. Stanley Avenue
Ventura, CA 93003

Project: Proposed Improvements to the Existing Athletic Stadium
Ventura High School
2 North Catalina Street
Ventura, California

Subject: Addendum Report

References: 1) Earth Systems Pacific, 2025, Engineering Geology and Geotechnical Engineering Report, Proposed Improvements to the Existing Athletic Stadium at Ventura High School, Project No. 305811-006, Report No. 25-5-11, May 22 (Revised August 15, 2025).
2) Earth Systems Pacific, 2025, Response to Engineering Geology and Seismology Review, Proposed Improvements to the Existing Athletic Stadium, 2 North Catalina Street, Ventura, California, CGS Application No. 03-CGS7111, December 22.

As requested by LPA and Balfour Beatty, Earth Systems Pacific (Earth Systems) has prepared this addendum report to provide clarifications and/or supplemental recommendations not included in the referenced Engineering Geology and Geotechnical Engineering Report (Reference 1) for proposed improvements to the existing athletic stadium on the Ventura High School campus located at 2 North Catalina Street in Ventura, California. The supplemental recommendations requested by LPA and Balfour Beatty are provided below, in addition to clarifications requested by DSA during their plan check.

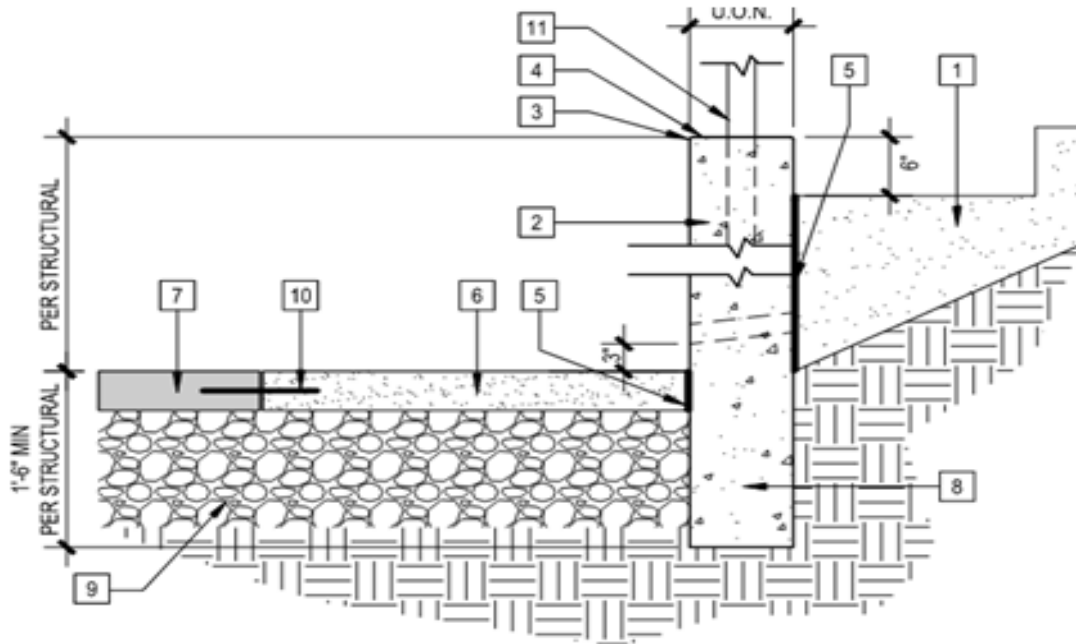
SUPPLEMENTAL RECOMMENDATIONS

Lateral Earth and Surcharge Pressures

Based upon discussions with the design team and Earth Systems' understanding of the proposed site improvements, the following recommendations should be incorporated into construction of the proposed retaining walls.

Loading Condition	Lateral Earth Pressure (pcf)
Active, Well-drained soil, 3H:1V sloping backfill	47
Active, Well-drained soil, 2H:1V sloping backfill	58

For the bleachers on the north side of the stadium, ADA seating will be provided. The ADA seating will require a small retaining wall to be constructed as shown below in the areas designated for ADA seating.



The lateral earth pressure to be resisted by the short retaining wall should be increased to allow for surcharge loads. A surcharge pressure should be added to the lateral earth pressure for surcharges within a distance at least equal to the shoring height. We understand that the project structural engineer has assigned a uniform surcharge pressure of 100 psf to account for the existing bleachers bearing directly on the ground surface.

Footing for Short Retaining Wall

We recommend that the continuous footing shown in the figure below should extend at least 12 inches into the firm, native soils.

Exposure Class of Bearing Soils

The exposure class of the bearing soils based on the soluble sulfate content was determined based on Table 19.3.1.1 of ACI 318-19. On Page 3 of Reference 1, ACI 318-14 was inadvertently referenced instead of ACI 318-19.

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We appreciate the opportunity to be of service to you on this project. Please call if you have any questions, or if we can be of further service.

Respectfully submitted,
EARTH SYSTEMS PACIFIC



Anthony P. Mazzei
Geotechnical Engineer

Copies: 1 - Ryan Hughes, Ventura Unified School District (email)
 1 - Anna Kohr, Balfour Beatty (email)
 1 - Jessie Hong, LPA (email)
 1 - Project File