

April 9, 2026

Lynwood Unified School District
11321 Bullis Road
Lynwood, California 90262

Attention: Dr. Gretchen Janson
Asst. Superintendent Business Services

Subject: Supplemental Recommendations: Portal Column Foundation Adjacent to
Existing Gymnasium Footing
Proposed Athletic Field Renovation
Lynwood High School
4050 E Imperial Highway, Lynwood, California
GPI Project No. 3328.I

Dear Gretchen:

This letter provides supplemental geotechnical recommendations regarding the proposed portal column foundation that will be constructed adjacent to the existing gymnasium footing at the subject site. Geotechnical Professional Inc. (GPI) previously conducted a geotechnical investigation for the proposed improvements and presented the results in a report dated October 3, 2025 (GPI, 2025).

We were provided with Sheet S-5.1 by VCA Engineers, the Project Structural Engineer with the above referenced condition. Updated Detail 16 from Sheet S-5.1 (attached) was provided to GPI on April 9, 2026 and indicates one of the portal column pole foundations will be constructed adjacent to the existing continuous spread footing supporting the existing gymnasium building. We understand the existing adjacent spread footing is 2 feet wide, extends approximately 3 feet below grade, and extends approximately 6 inches laterally beyond the gymnasium CMU wall. The portal column foundation will be oblong, 30 inches wide, and perpendicular to the adjacent gymnasium.

SUPPLEMENTAL RECOMMENDATIONS

Based on our review of the updated plan, it is our opinion that the proposed portal column pole foundations may be constructed adjacent to the existing continuous spread footing as planned provided the recommendations below are incorporated into design and construction.

We recommend that 1 inch of compressible foam separate the pole foundation concrete from the existing spread foundation and CMU wall to reduce the potential of either foundation surcharging or inducing stress upon the other. The temporary excavation for construction of the pole foundation is not anticipated to undermine or remove significant support of the existing continuous spread foundation while the pole foundation is being

constructed. Since the two foundations will be structurally separated, neither is anticipated to surcharge the other.

For lateral design of the pole foundation, lateral support of the pole foundation in the direction of the existing gymnasium footing should start at bottom of the adjacent spread footing and be neglected above this level.

CLOSING AND LIMITATIONS

We trust that this letter satisfies your current needs. Feel free to call us if you have questions regarding this letter or need further assistance. The conclusions and recommendations included in this letter are subject to the same limitations as presented in our October 3, 2025 report.

Very truly yours,

Geotechnical Professionals Inc.



Justin J. Kempton, G.E.
Principal

JustinK@gpi-ca.com



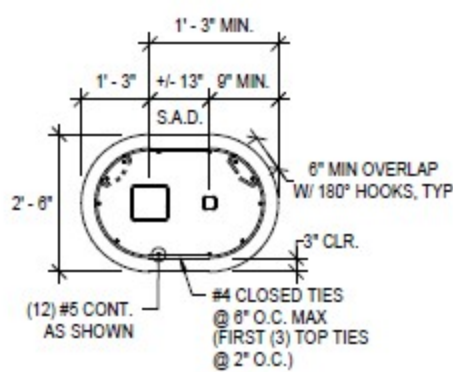
Attachment: Updated Detail16 from Sheet S-5.1

REFERENCES

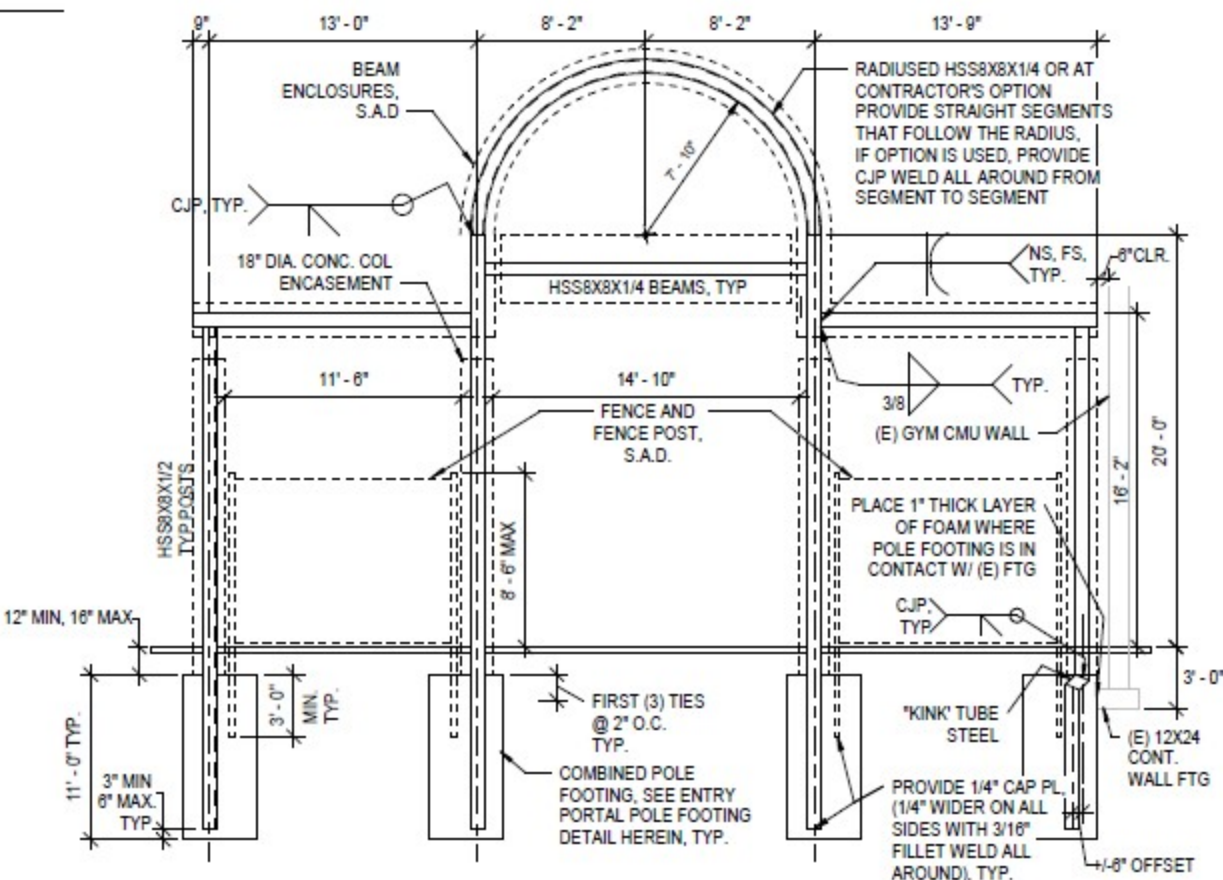
California Geologic Survey (CGS), Engineering Geology and Seismology Review for Lynwood High School – New Team Building, 4050 E. Imperial Hwy, Lynwood, CA, CGS Application No. 03-CGS7190, dated January 29, 2026.

Geotechnical Professionals Inc. (2025), "Report of Geotechnical Investigation, Proposed Athletic Field Renovation, Lynwood High School, 4050 E Imperial Highway, Lynwood, California" GPI Project No. 3328.I, dated October 3, 2025.

ENTRY PORTAL COL CONC. ENCASEMENT



ENTRY PORTAL POLE FOOTING DETAIL



ENTRY PORTAL FRAMING
(S.A.D. FOR LOCATION)

DETAIL NOTE: VERIFY ALL DIMS AND FINISHES PER ARCHT'L DRAWINGS

**LUSD DISTRICT
FIELDS RENOVATION**

LYNWOOD UNIFIED SCHOOL DISTRICT

4050 E. IMPERIAL HIGHWAY

tBP project number: 21219.00

file name:

drawn by: _____ checked by: _____

date: 05/30/2025

rev:	date:	description:
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S-5.1