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12 May 2006

Tony Coe, City Engineer
City of Lafayette
P.O. Box 1968
3675 Mount Diablo Boulevard, Suite 210
Lafayette, California 94549-1968

RE: Addendum 5 to Geotechnical Investigation Report
Lafayette Library and Learning Center
Mt. Diablo Boulevard at First Street
Lafayette, California

Dear Mr. Coe:

We are providing this addendum letter to document geotechnical design parameters we verbally provided to Mr. Marco Scanu of SOHA Consultants during development of their shoring design for specific areas of the project. For the locations specifically identified, the design parameters and recommendations provided in this addendum should be considered to supersede recommendations included in our previous reports and addenda. For all other locations, our previous recommendations remain valid and still apply.

BACKGROUND

Geotechnical recommendations for the project were provided by Cal Engineering & Geology, Inc. Have been included in the following documents:

1) *Foundation Exploration Report for Planned Lafayette City Library Mt. Diablo Boulevard and First Street Lafayette, California,* dated 21 May 2003.

2) *Addendum Foundation Exploration Report New Lafayette City Library Mt. Diablo Boulevard and First Street Lafayette, California*, dated 15 September 2003. The addendum report incorporated the adjoining parcels (3488 and 3486 Golden Gate Way) to the southeast of the original property.

3) *Addendum 2 to the Geotechnical Investigation and Report,* dated 25 January 2005. This letter provided detailed additional foundation recommendations for the new Lafayette City Library based upon the preliminary project plans prepared by Killefer and Flammang, Architects, dated 18 October 2004.

4) *Addendum 3 to Geotechnical Investigation Report*, dated 24 January 2006. This addendum provided additional geotechnical recommendations for building walls to be constructed near Seaborg Garden and the Chiller Facility.

5) *Addendum 4 to Geotechnical Investigation Report*, dated 23 March 2006. This addendum provided additional recommendations for design loads for basement retaining walls and shoring, recommendations and details for retaining wall drainage, and clarifications to our previous recommendations for subgrade preparation.

This addendum provides supplemental recommendations regarding loading conditions to be used in the design of shoring and permanent retaining walls at three specific locations that have different configurations or construction constraints than for the general basement retaining walls addressed in Addendum 4.

SPECIFIC LOCATIONS ADDRESSED

The recommended design earth pressures for three locations along the north and east property lines that abut 3483 Mount Diablo Boulevard are provided below. The three locations were determined by SOHA as the critical design sections and are identified as follows:

Section A-A: This is the section representative of the condition along the east side of the Seaborg Garden.

Section B-B: This section is through the north property line retaining wall and stairwell at the chiller.

Section C-C: This section is through the north property line retaining wall and stairwell and landing.

RECOMMENDED LATERAL LOADING DIAGRAMS

Based on our discussions with Marco Scanu of SOHA and our review of the geotechnical data developed for the project, we have developed the attached lateral loading diagrams for the three sections identified above.

We trust this addendum provides you with the information required to proceed. If you have any questions, please call us at your convenience.

Yours truly,

CAL ENGINEERING & GEOLOGY, INC.

Phillip Gregory, P.E., G.E.
Principal Engineer

attachments: Figures 1 - 3

copy: SOHA Engineers (via fax)

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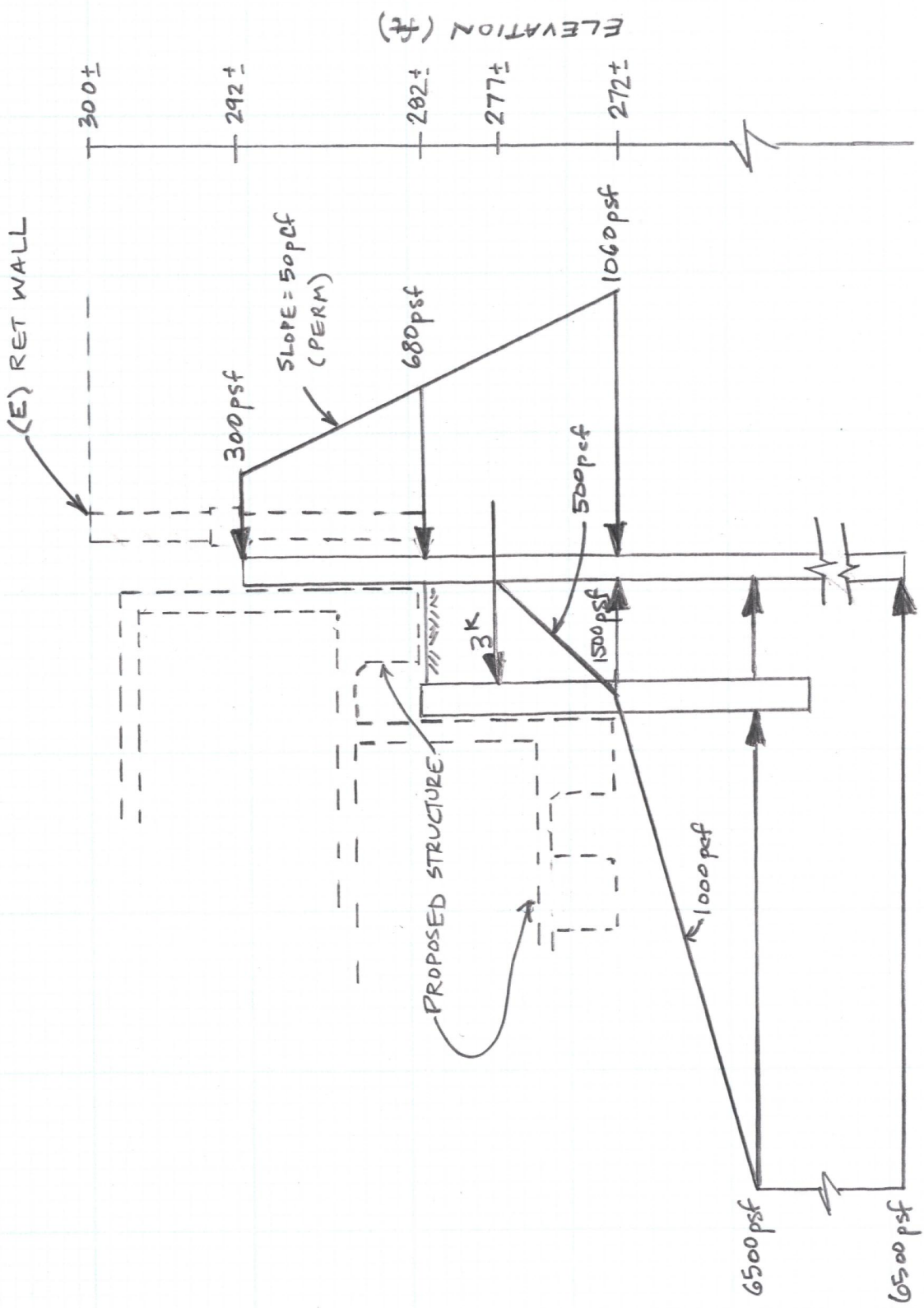
Project: LAFAYETTE LIBRARY Project No.: 030401 Sheet: ____ of ____
Item: ADDENDUM #5 Designer: PGregory Date: 5/12/06
Checker: ____ Date: ____



SECTION A-A
SHORING LOADS
NTS

FIGURE 1

Reorder From NEBS CUSTOM printing service 1-800-888-6327 NEBS, Inc. Peterborough, NH 03458 www.nebs.com
Ref. No: G 356802744

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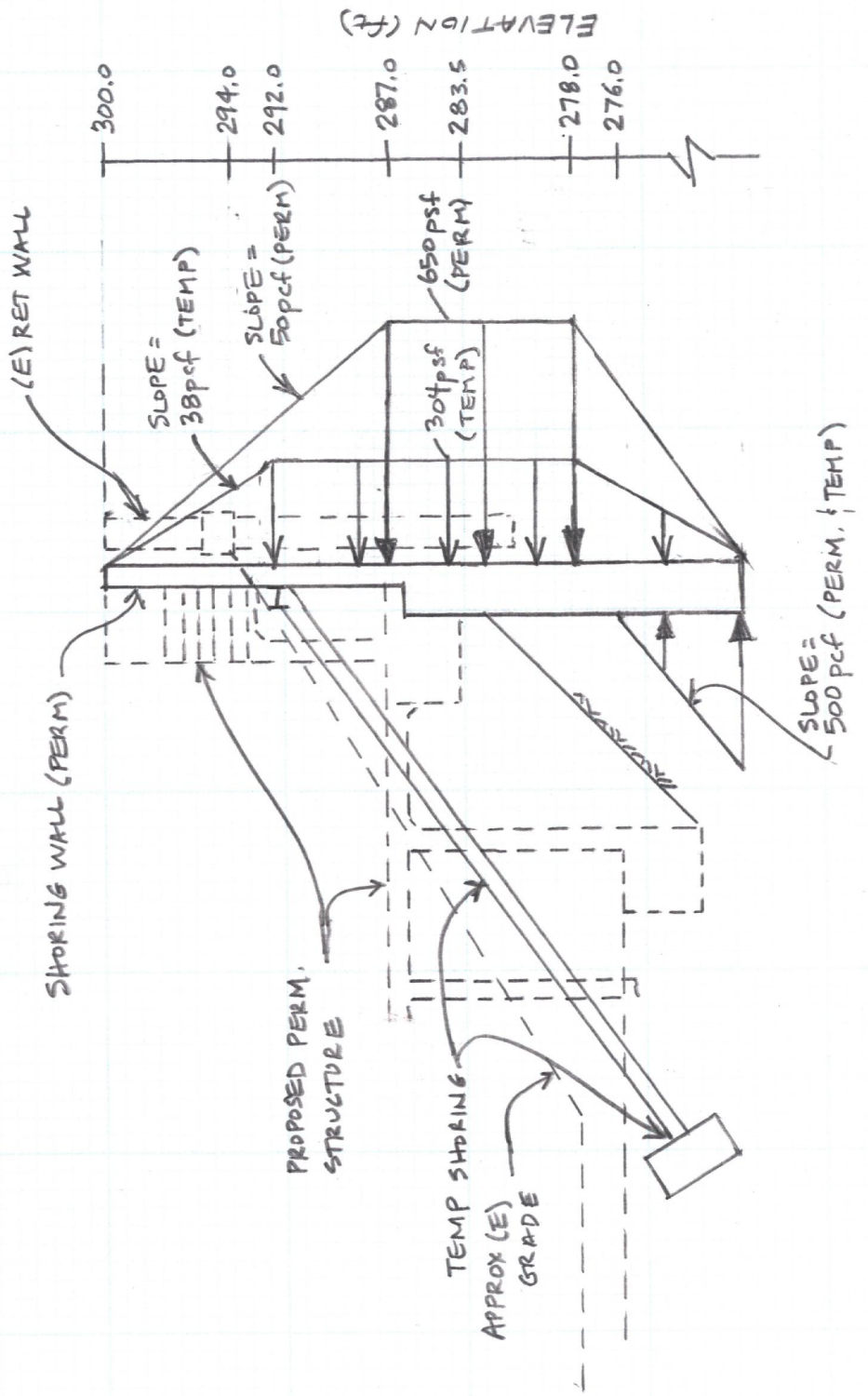

SECTION B-B
SHORING LOADS
NTS

FIGURE 2

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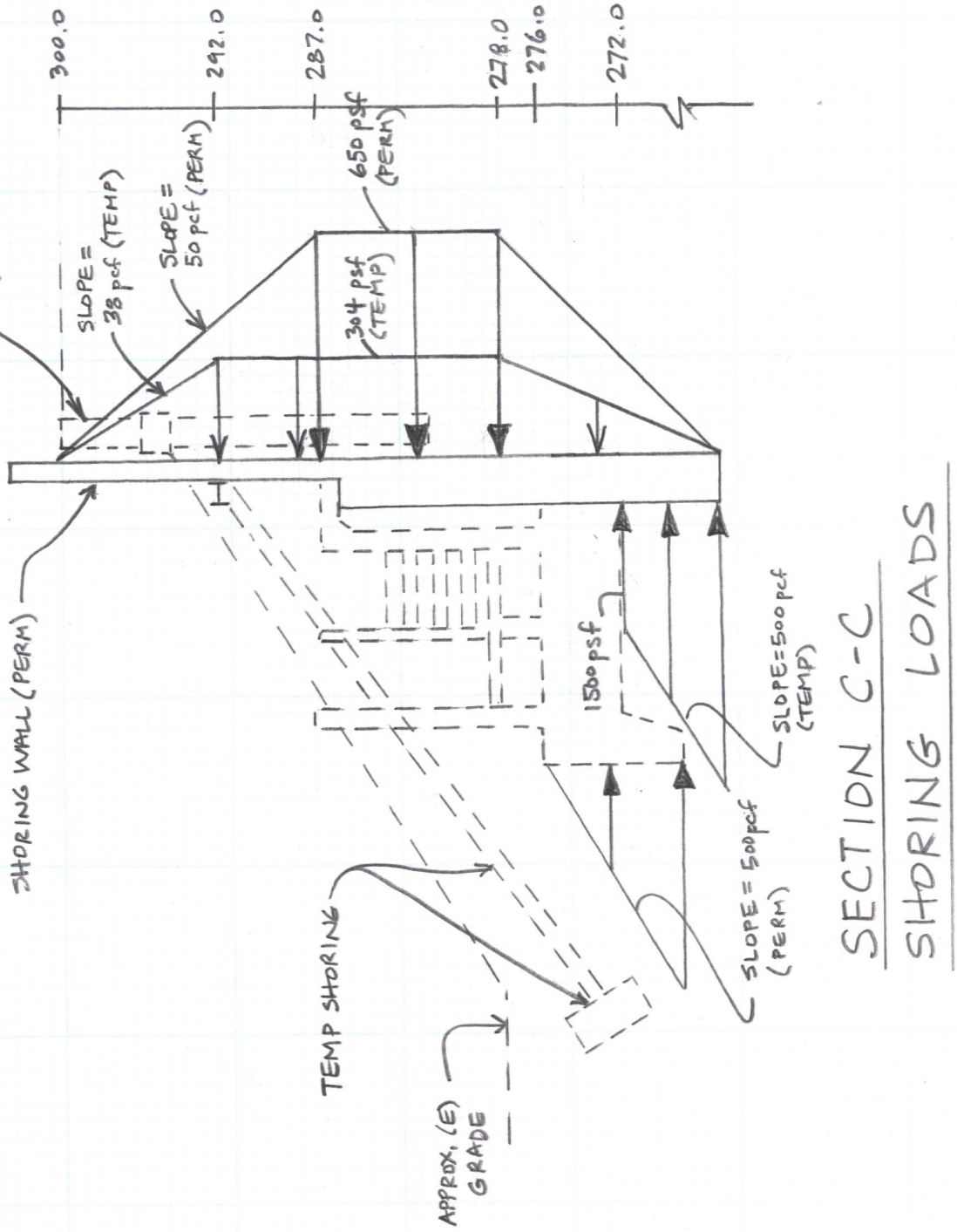

SECTION C-C
SHORING LOADS
NTS

FIGURE 3

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