Ashley & Vance ENGINEERING, INC

1729B Telegraph Ave
Oakland, CA 94612

www.ashleyvance.com

Memorandum

Date: April 29, 2021

To: Ryan Bosworth
Owner – 58 Canyon Lake Drive

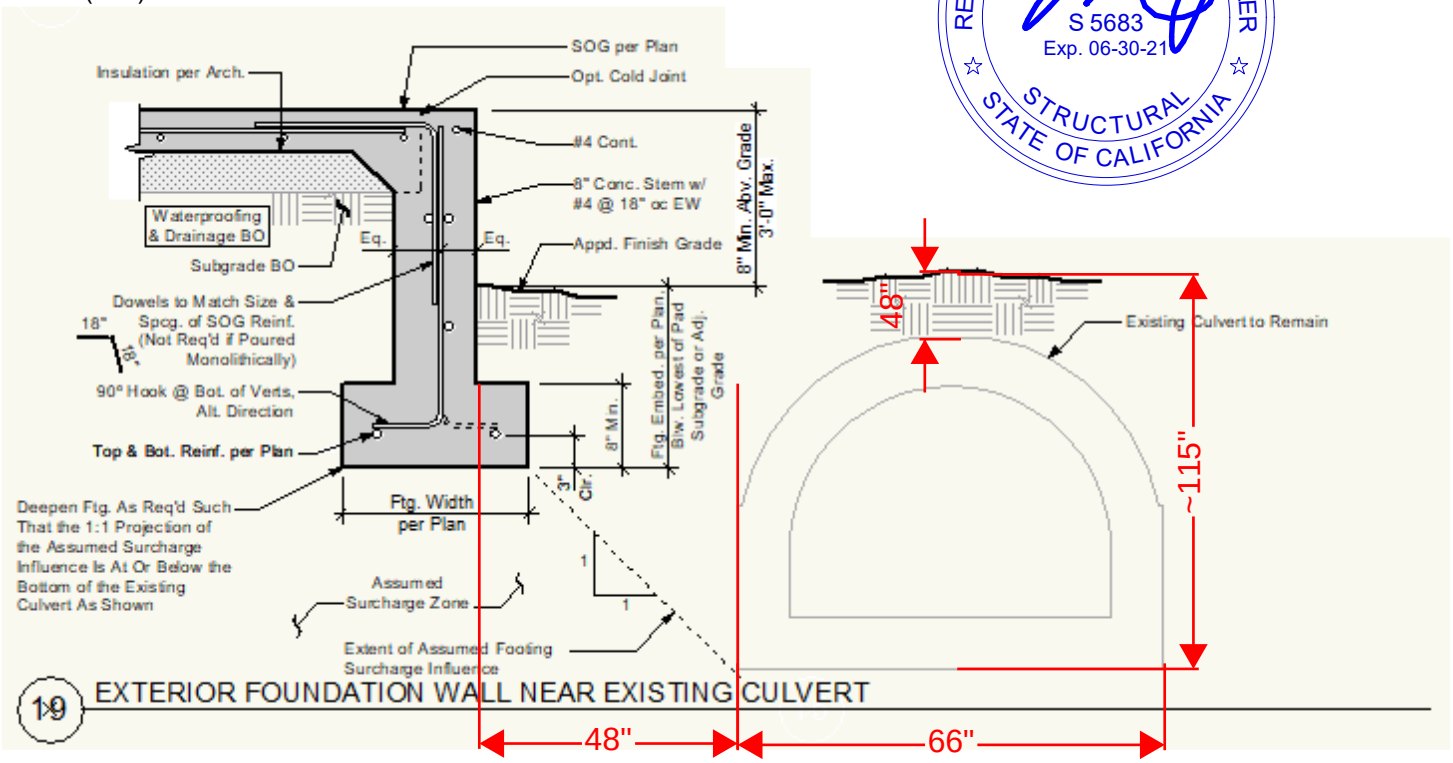
Project: 58 Canyon Lake Addition
58 Canyon Lake Drive
Port Costa, California 94569

Job #: 191517

Subject: Existing Backyard Culvert Surcharge

Per your request, we have reviewed the updated architectural site plan indicating the presence of an existing cobbled culvert in proximity to the proposed rear building foundation, as well as the approximate culvert size and depth criteria provided to us. Provided the rear wall foundation construction is deepened in accordance with the detail below, such that the footing does not fall within the 1:1 influence line indicated to the bottom of the culvert, it is our opinion that the effect of any surcharge will be minimal and not adversely affect the integrity of the culvert.

Very truly yours,

Matthew Tropp
Principal Engineer
(510) 473-2221 x177

REGISTERED PROFESSIONAL ENGINEER
MATTHEW R. TROPP
S 5683
Exp. 06-30-21
STRUCTURAL
STATE OF CALIFORNIA