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Integral Communities
2235 Encinitas Boulevard, Suite 216
Encinitas, California 92024

June 27, 2014
P/W 1207-08
Report No. 1207-08-B-7(R1)

Attention: **Ms. Melissa Krause**

Subject: **Geotechnical Update Letter, Revised Tentative Map, Bernardo Shores Multi-Family Residential Development, City of Imperial Beach, California**

References: Advanced Geotechnical Solutions, Inc., *Preliminary Geotechnical Investigation, Bernardo Shores Residential Development, City of Imperial Beach, California,* dated February 11, 2014, Report No. 1207-08-B-4.

Pasco, Laret, Suiter, and Associates, *Tentative Map and Coastal Development Permit for: Bernardo Shores, Imperial Beach, California,* Scale: 1 inch = 40 feet, Sheets 1 through 3, dated June 25, 2014.

In accordance with your request, Advanced Geotechnical Solutions, Inc. (AGS) has reviewed the revised 40-scale Tentative Map plans for the Bernardo Shores multi-family residential development prepared by Pasco, Laret, Suiter and Associates dated June 25, 2014. The Tentative Map is included herewith as Plate 1 – Geologic Map and Exploration Location Plan which has pertinent geologic and geotechnical information from our previous site investigations superimposed upon them. Based on our review of the revised plans, it is our opinion that recommendations provided in the referenced Preliminary Geotechnical Investigation (AGS, 2014) remain valid for the project as currently designed. It is our further opinion that no additional investigation of the project site is warranted at this time.

Advanced Geotechnical Solutions, Inc. appreciates the opportunity to provide you with geotechnical consulting services and professional opinions. If you have questions regarding this report, please contact the undersigned at (619) 708-1649.

Respectfully Submitted,
Advanced Geotechnical Solutions, Inc.

JEFFREY A. CHANEY, Vice President
GE 2314, Reg. Exp. 6-30-15

PAUL DE RISI, Vice President
CEG 2536, Reg. Exp. 5-31-15

Distribution: (3) Addressee
Attachments: Plate 1 - Geologic Map and Exploration Location Plan

REGISTERED PROFESSIONAL ENGINEER
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No. 2314
Exp. 6/30/15
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STATE OF CALIFORNIA

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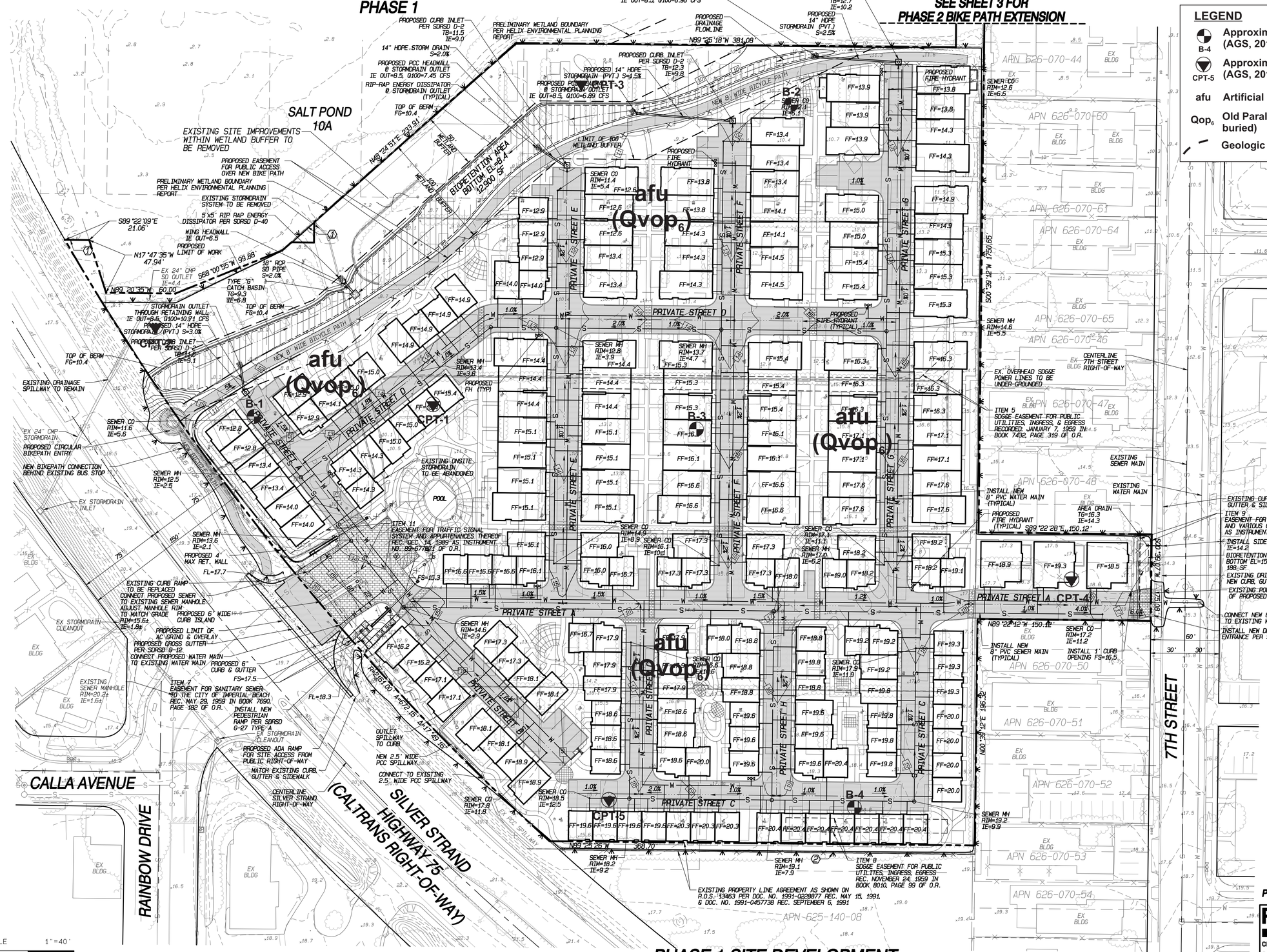
TENTATIVE MAP & COASTAL DEVELOPMENT PERMIT FOR: BERNARDO SHORES, IMPERIAL BEACH, CA PHASE 1



LEGEND

- B-4 — Approximate Location of Exploratory Boring (AGS, 2014)
- CPT-5 — Approximate Location of CPT Sounding (AGS, 2012)
- afu — Artificial Fill - Undocumented
- Qop_6 — Old Paralic Deposits (Bracketed where buried)
- Geologic Contact (Queried where uncertain)

PHASE 1 SITE DEVELOPMENT

SCALE 1"=40'

PLATE 1
Geologic Map and Exploration Location Plan

AGS
ADVANCED GEOTECHNICAL SOLUTIONS, INC.

Project: P/W 1207-08 Report: 1207-08-B-7

PREPARED BY:
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DATE PREPARED: 6-25-14

PLSA 2045