



October 11, 2011

KIER & WRIGHT
Civil Engineers & Surveyors, Inc.

Alameda County Community Development Agency
Attn: Jim Gilford
224 West Winton, Suite 110
Hayward, CA 94544
james.gilford@acgov.org

RE: PLEASANTON SMP-31 - EXHIBITS
EARTHWORK QUANTITY TAKEOFF OF BUSCH PIT
ALAMEDA COUNTY, CA

Dear Jim:

Kier & Wright performed a quantity take off to fill in the existing Busch Pit along Busch Road in Alameda County, as shown on the attached Exhibit A. In September 2011, our survey crews captured the grades of the bottom of the existing pit and subsequently transferred this data to the Topographic Survey we compiled in 2007.

The takeoff was then prepared, based upon comparing the existing grades of the bottom and side slopes of the pit to the proposed elevation at the top of the pit. We utilized Agtek, the industry standard software program, in determining the quantity of roughly 354,000 cubic yards of fill required to fill in this pit.

If you have any questions or need additional information, please feel free to call me at 925-245-8788.

Sincerely,
KIER & WRIGHT

Steve Calcagno

Steve Calcagno, P.E.

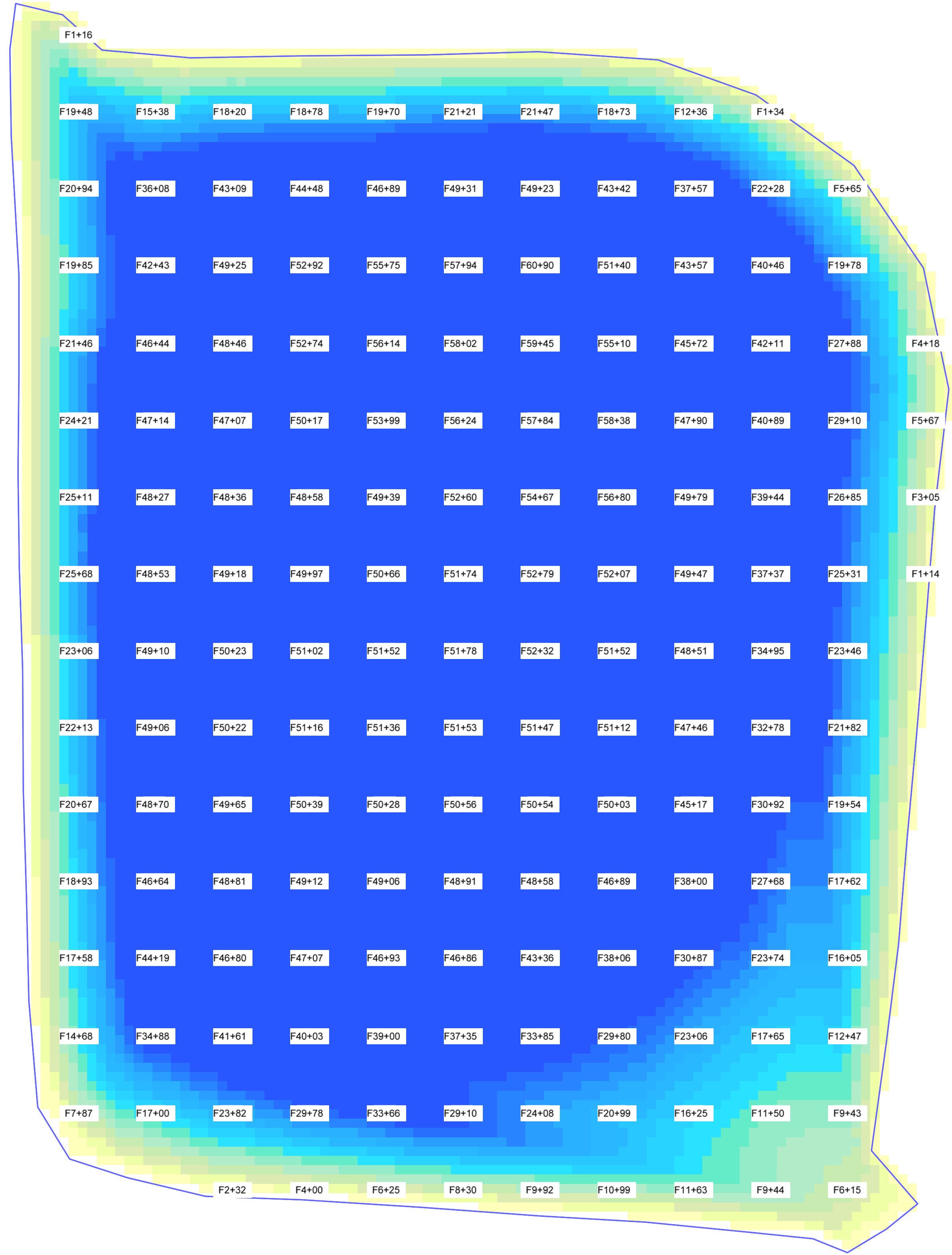


Attachment

Cc: *Steve Dunn*
Bridget Metz

Volume Report
Design vs. Existing

Job Site	Total	Cut	Area		Volume		Comp/Ratio		Compact		Export Change	Per .1 Ft
			Fill	OnGrade	Cut	Fill	Cut	Fill	Cut	Fill		
Job Site	273,187	0	273,040	147	0	354,062	1.00	1.00	0	354,062	-354,062	1,012



CUT/FILL

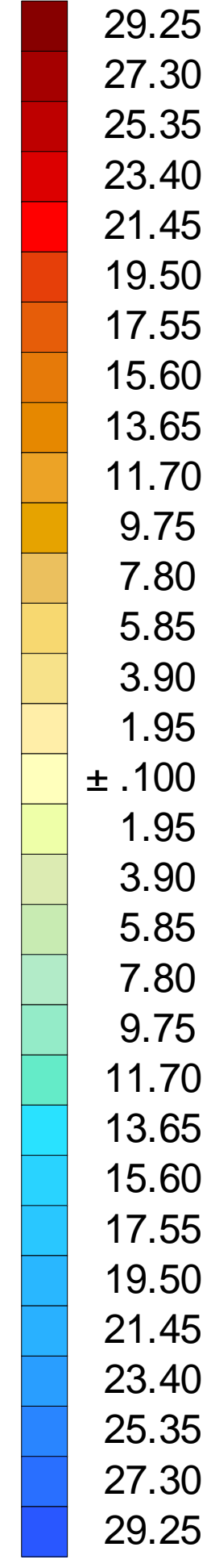
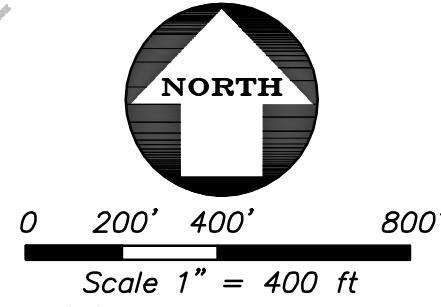
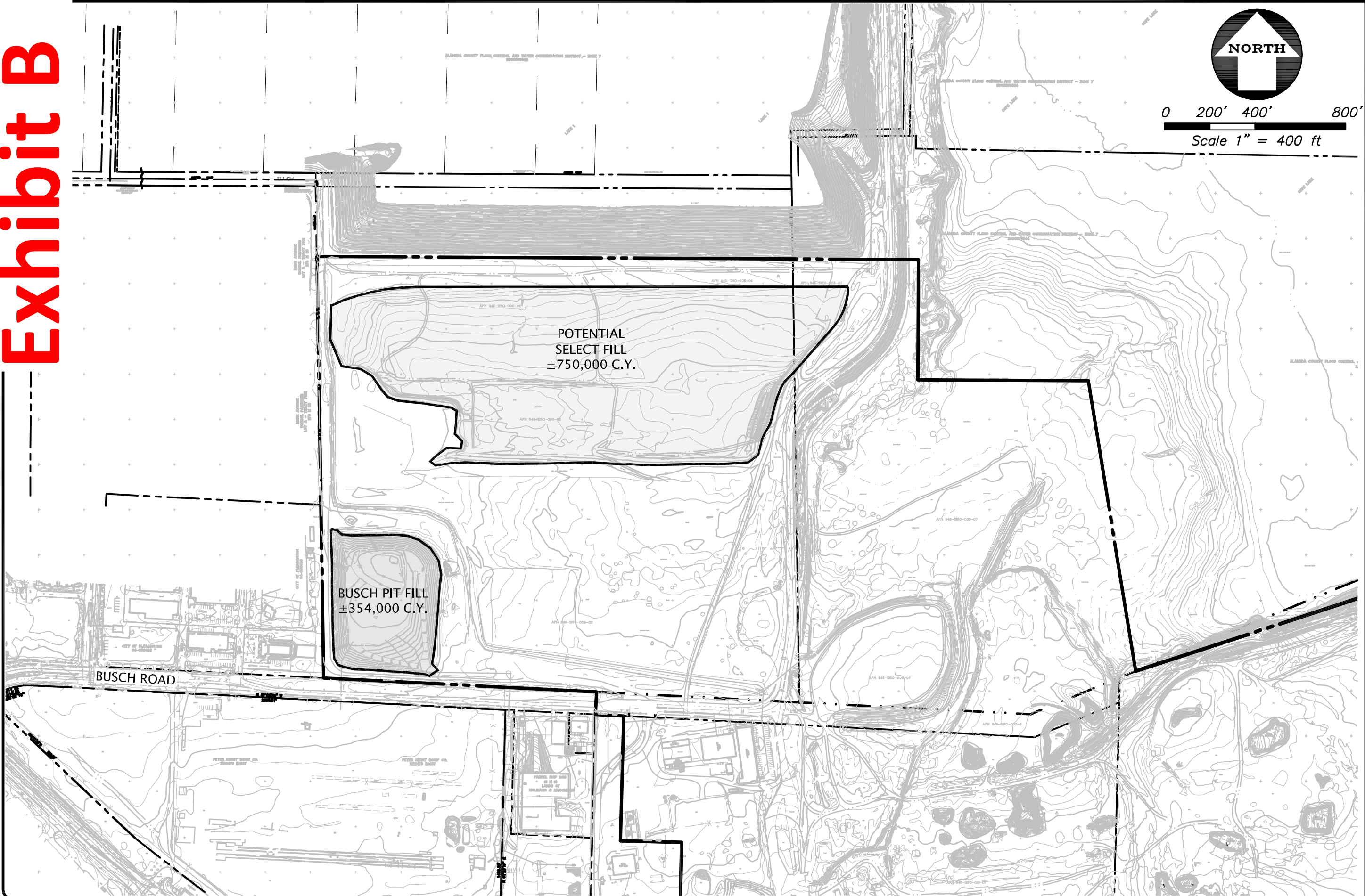


Exhibit A



Exhibit B



SCALE	1"=400'
DATE	AUGUST, 2011
BY	SMC
JOB NO.	A06672-20

BUSCH PIT FILL EXHIBIT

CALIFORNIA

PLEASANTON

 **KIER & WRIGHT**
CIVIL ENGINEERS & SURVEYORS, INC.
2850 Collier Canyon Road Phone (925) 245-8788
Livermore, California 94551 Fax (925) 245-8796