

Wickham, Jerry, Env. Health

From: Peter Sims [psims@ninyoandmoore.com]
Sent: Thursday, November 06, 2014 1:51 PM
To: Wickham, Jerry, Env. Health
Subject: RE: Ashland Housing Project
Attachments: Building A Excavation Sampling Locations.pdf; DTSC Fill Guidelines SMP_FS_Cleanfill-Schools.pdf

Jerry,

The Ashland contractor has asked me to perform additional characterization of 2,777 cubic yards of soil to be excavated beneath Building A (highlighted on the attached figure) to a depth of 5 feet bgs. We would like to sample the soil in-situ to determine if it is suitable for reuse on site or off-site waste disposal classification. Since we did not discuss in-situ sampling for soil reuse/disposal in our IRAP, I would like to perform the sampling as described below based on the DTSC Fill Guidelines (attached).

Advance four borings (shown on the attached figure) to 5 feet bgs for the collection of soil samples at 0, 1.5, 3, and 5 feet bgs in each boring.

Samples from the same depths will be combined into four 4-point composite samples by the laboratory.

The four 4-point composite samples will be analyzed for TPHd and TPHmo by EPA 8015 and Title 22 Metals by EPA 6010/7471.

One discrete sample per boring (each collected at different depths) would be analyzed for BTEX and TPHG by EPA 8260B.

Request for approval to reuse the soil on site will include:

- 1) A map or aerial photo showing the general area where the fill came from.
- 2) The volume of the stockpiles and volume that each sample represents and which sample goes with which stockpile
- 3) The type of samples - composite or discrete
- 4) The type of fill and the heterogeneity
- 5) Whether the fill contains any debris or construction material
- 6) Whether any staining or odor was observed
- 7) Confirmation of where the soil is to be reused
- 8) Laboratory analytical results

Regardless if soil is acceptable for reuse or must be disposed off site, the soil will be excavated and direct loaded on to trucks for transportation to another portion of the site for reuse or to the disposal facility.

Please let me know if the above plan is acceptable or provide comments.

Thank you,

Peter D. Sims, LEED AP
Project Environmental Geologist

Ninyo & Moore

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-----Original Message-----

From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]

Sent: Tuesday, November 04, 2014 8:25 AM

To: Peter Sims

Subject: RE: Ashland Housing Project

Hello Peter,

The proposed stockpile sampling and submittal of results to ACEH for review is acceptable. TPHg and VOC analyses are to be performed on discrete samples. When submitting the stockpile sampling results, please include the following:

- 1) A map or aerial photo showing the general area where the fill came from.
- 2) The volume of the stockpiles and volume that each sample represents and which sample goes with which stockpile
- 3) The type of samples - composite or discrete
- 4) The type of fill and the heterogeneity
- 5) Whether the fill contains any debris or construction material
- 6) Whether any staining or odor was observed
- 7) Confirmation of where the soil is to be reused
- 8) Laboratory analytical results

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

phone: 510-567-6791

jerry.wickham@acgov.org

From: Peter Sims [mailto:psims@ninyoandmoore.com]

Sent: Monday, November 03, 2014 2:55 PM

To: Wickham, Jerry, Env. Health

Subject: Ashland Housing Project

Hi Jerry,

The contractor at Ashland has more trenching in Kent Avenue to perform and is planning on reusing the soil on site if it is acceptable. We anticipate two 50-cubic yard stockpiles will be generated one after another. Soil will be stockpiled on plastic sheeting on site. The stockpiles will be sampled per Section 6.6 of the IRAP at a rate of one 4-point composite per 50 cubic yards and analyzed for TPHg, TPHd, and TPHmo by EPA Method 8015M; Title 22 Metals by EPA Method 6010B/7471; and BTEX by EPA Method 8260B. Analytical results will be screened by Ninyo & Moore and if they appear acceptable for reuse at the site per the IRAP cleanup goals, then the results will be submitted to you for your review and approval. The planned area for on-site soil reuse is beneath the building footprint. If soil is not acceptable for reuse then it will be disposed off-site. Results of the sampling, analysis, and reuse or disposal will be reported in the RACR. Please confirm or provide comments regarding the acceptability of the above. We hope to begin the stockpile sampling on this Wednesday.

Thank you,

Peter D. Sims, LEED AP

Project Environmental Geologist

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

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SEAL & SIGNATURE



CONSULTANTS

- STRUCTURAL ENGINEER
VerTech Engineering, Inc.
 2053 Piedmont Ave., #200 - Chico, CA 95926
 2100 Street Street - San Luis Obispo, CA 93405
 209.899.8716
- CIVIL ENGINEER
LUK ASSOCIATES
 178 ALFRED NOBEL DRIVE
 HERCULES, CA 94647
 916.724.3388
- LANDSCAPE
CLIFF LOWE ASSOCIATES
 1175 FOXGLOVE STREET
 SAN FRANCISCO, CA 94113
 415.431.0304
- WATERPROOFING
WISS, JANEY, ELSTNER ASSOCIATES, INC.
 2000 Powell Street, Suite 1800
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 510.428.2967
- ACOUSTICAL ENGINEER
ROSEN GOLDBERG DER AND LEWITZ, INC.
 1100 Leeward Landing Circle, Suite 215
 Lafayette, CA 94539
 916.484.0150

DESIGN / BUILD

- MECHANICAL DESIGN/BUILD
MARINA MECHANICAL
 799 Thomson Street
 San Leandro, CA 94587
 916.814.3000
- PLUMBING DESIGN/BUILD
W.L. HICKEY SONS, INC.
 P.O. Box 81239
 190 Commercial Street
 Sunnyvale, CA 94088
 408.736.4038
- ELECTRICAL DESIGN/BUILD
H.A. BOWEN ELECTRIC, INC.
 2055 Williams Street
 San Leandro, CA 94577
 510.483.0500

AGENCY APPROVAL

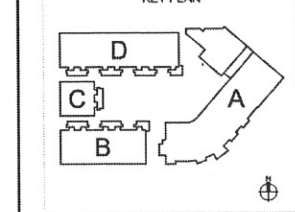
rcd
 Creating & Preserving Affordable Housing
 Resources for Community Development

ASHLAND FAMILY HOUSING
 KENT AVE. AND E. 14TH STREET
 ASHLAND, CA

REVISIONS

ISSUANCE	DAY	MONTH	YEAR
PERMIT RESUBMITTAL	29	JULY	2013
BACKCHECK #1	06	SEPT.	2013
BACKCHECK #2	04	OCT.	2013
BID ADDED/NUM	31	OCT.	2013

KEY PLAN



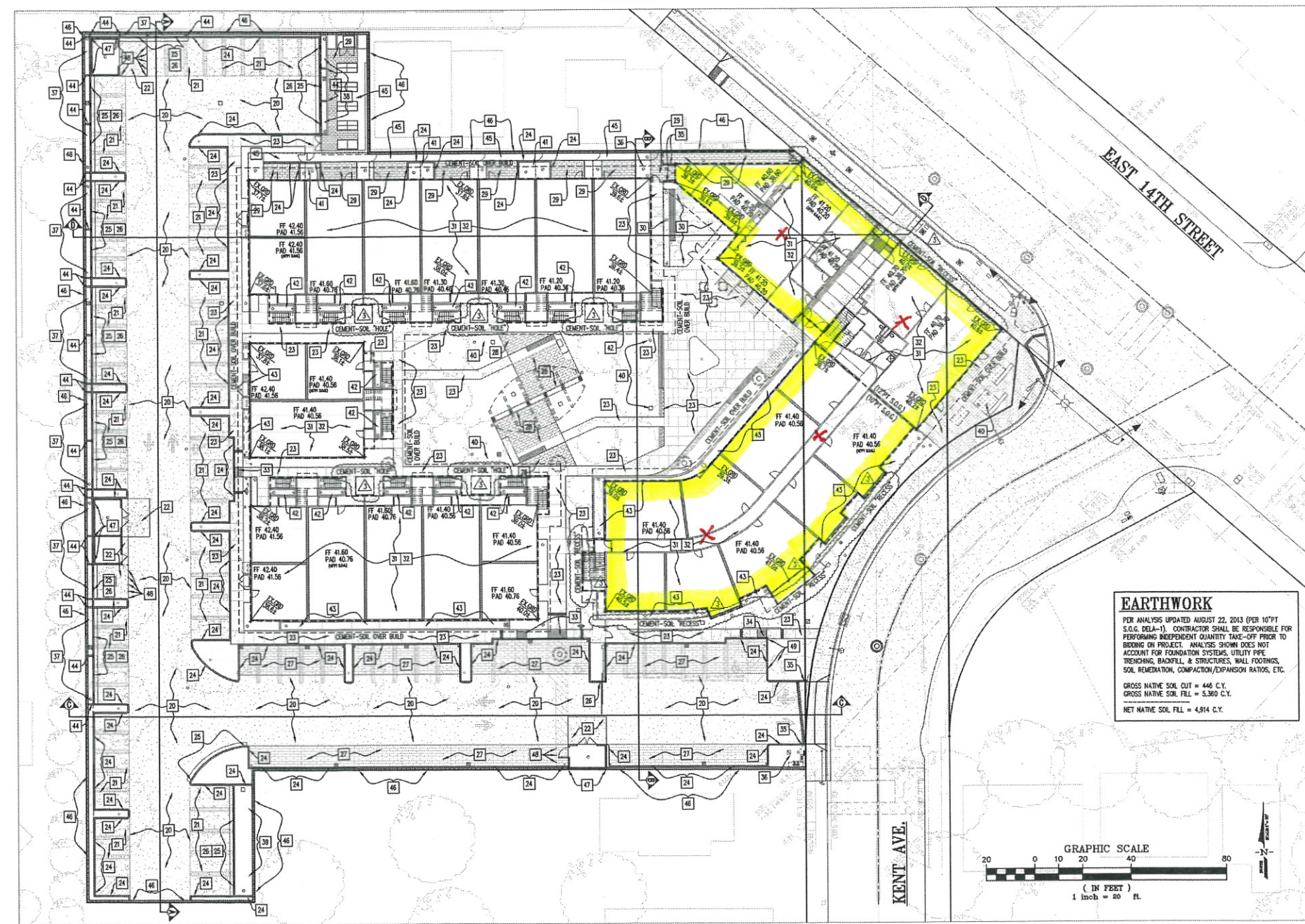
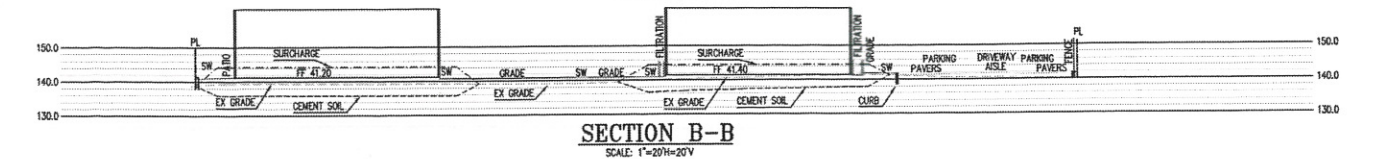
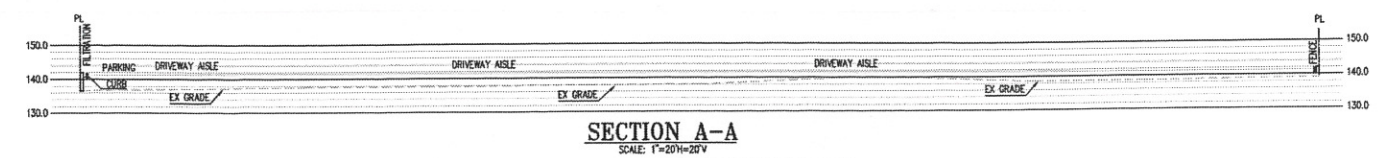
DRAWING TITLE

**GRADING PLAN:
 CONSTRUCTION
 NOTES**

DRAWN: STAFF
 DATE: JUNE 2013
 KAMA PROJECT NO.: 1020
 LUK PROJECT NO.: 10019A10

CHECKED: CW
 SCALE: 1"=20'
 SHEET NUMBER: **C-4.2**

PLOT DATE: 10/31/2013



EARTHWORK
 PER ANALYSIS UPDATED AUGUST 22, 2013 (PER 10"PT S.O.G. DELAY-1). CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING INDEPENDENT QUANTITY TAKE-OFF PRIOR TO BIDDING ON PROJECT. ANALYSIS SHOWN DOES NOT ACCOUNT FOR FOUNDATION SYSTEMS, UTILITY PIPE TRENCHING, BACKFILL, & STRUCTURES, WALL FOOTINGS, SOIL REMEDIATION, COMPACTION/EXPANSION RATIOS, ETC.
 GROSS NATIVE SOIL CUT = 446 C.Y.
 GROSS NATIVE SOIL FILL = 5,360 C.Y.
 NET NATIVE SOIL FILL = 4,914 C.Y.

