

CONTRACT FOR GENERAL ENGINEERING CONSTRUCTION
 TRUCREW, INC., a California Corporation, #392024
 dba DIABLO GENERAL ENGINEERING CO.
 2179 Kirker Pass Rd, Concord CA 94521
 (925) 676-9211 / (925) 676-2557 Fax
www.DiabloGeneral.com
accounts@diablogeneral.com

Submitted To:

Vista Tassajara HOA
 Attn. Mr. Tim Morgan
 563 Leisure Lane, Livermore, CA 94551

Date: 7/5/2017
 Phone: (925)454-1987
 Email: hoamgmt@pmahoa.com

Re: Hillview Dr. Slide Repair, Danville CA

Contract # 17.3217

The work to be completed is as per Diablo General Engineering proposal, Exhibit "A, attached to this contract and by this reference incorporated herein.

We will perform the above work in accordance with the drawings & specifications, attached and file named Exhibit C, and completed in a workmanlike manner according to standard practices for the sums as follows:

One Million Seven Thousand Two Hundred Ninety (\$1,007,290.00) Dollars Exactly to be billed monthly on the 25th of each month based upon percentage of completion. Payments to be made on or before the 10th of the following month. Any alternates or extra work requested shall require an extra work authorization signed by Contractor and Client prior to work commencing.

TOTAL THIS CONTRACT: \$1,007,290.00

No retention will be withheld. Upon satisfactory payment being made of the work performed, we shall furnish a full and unconditional waiver and release from any claim or mechanic's lien.

TRUCREW, INC., a California Corporation, DBA DIABLO GENERAL ENGINEERING CO.

BY: _____ CSLB#392024 A, B, C21
 Robert Truax, President Federal Tax ID 47-0874153

NOTICE TO OWNER: Failure by Contractor without lawful excuse to substantially commence work within twenty (20) days from the approximate date of this contract is a violation of the Contractors' License law. You have the right to require Contractor to have a performance and payment bond. You may cancel this transaction, without any penalty or obligation, within three business days from the date of this contract. If you cancel, any property traded in, any payments made by you under the contract or sale, and any negotiable instrument executed by you will be returned within 10 days following receipt by the Contractor "seller" of your cancellation notice, and any security interest arising out of the transaction will be canceled. If you cancel, you must make available to the seller at your residence, in substantially as good condition as when received, any goods delivered to you under this contract or sale, or you may, if you wish, comply with the instruction of the seller regarding the return shipment of the goods at the seller's expense and risk. If you do make the goods available to the seller and the seller does not pick them up within 20 days of the date of your notice of cancellation, you may retain or dispose of the goods without any further obligations. If you fail to make the goods available to the seller, or if you agree to return the goods to the seller and fail to do so, then you remain liable for performance of all obligations under the contract. To cancel this transaction, mail or deliver a signed and dated copy of a written notice, or send a telegram to: TRUCREW, INC. dba Diablo General Engineering Co., 2179 Kirker Pass Road, Concord, CA 94521, not later than midnight of third day after the above date of this contract. Date the notice and state that you hereby cancel this transaction and sign. This right to cancellation does not apply to emergency repairs if Owner, in writing, waives said right due to the emergency. Contractors are required by law to be licensed and regulated by the Contractors State License Board, which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed within 10 years of the date of the alleged violation. Any questions concerning the Contractor may be referred to the Registrar, Contractors State License Board, www.CSLB.CA.GOV.

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Client Initials *mf*

Contractor Initials _____

State law required anyone who contracts to do construction work to be licensed by the Contractor state License Board in the license category in which the contractor is going to be working-if the total price of the Job of \$500 or more (including labor and materials).

Licensed contractors are regulated by laws designed to protect the public. If you contract with someone who does not have a license, the Contractors State license Board may be unable to assist you with a complaint. Your only remedy against an unlicensed contractor may be in civil court, and you may be liable for damages arising out of any injuries to the contractor or his or her employees.

You may contact the Contractors State License Board to find out if this contractor has a valid license. The Board has complete information on the history of licensed contractors, including any possible suspensions, revocations judgments, and citations. The Board has offices throughout California. Please check the government pages of the White Pages for the office nearest you or call 1-800-321-CSLB for more information.

THIS PROPOSAL AND CONTRACT IS SUBJECT TO CONDITIONS AND NOTICES AS FOLLOWS:

Contractors are required by law to be licensed and regulated by the Contractors' State License Board. Any questions concerning a contractor may be referred to the Registrar of the Board whose address can be found on the CSLB website: www.cslb.ca.gov.

THIS PROPOSAL AND CONTRACT IS SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

1. TRUCREW, INC. dba Diablo General Engineering Co. (hereinafter "Contractor") is a California Corporation, operating as a General Contractor. Contractors' License Number is California License #392024.

2. NOTICE TO OWNER: Under the California Mechanics' Lien Law, any contractor, subcontractor, laborer, supplier, or other person or entity who helps to improve your property, but is not paid for his or her work or supplies, has a right to place a lien on your home, land, or property where the work was performed and to sue you in court to obtain payment. This means that after a court hearing, your home, land, and property could be sold by a court officer, and the proceeds of the sale used to satisfy what you owe. This can happen even if you have paid your contractor in full if the contractor's subcontractors, laborers, or suppliers remain unpaid. To preserve their rights to file a claim or lien against your property, certain claimants such as subcontractors or material suppliers are each required to provide you with a document called a "Preliminary Notice." Contractors and laborers who contract with owners directly do not have to provide such notice since you are aware of their existence as an owner. A preliminary notice is not a lien against your property. Its purpose is to notify you of persons or entities that may have a right to file a lien against your property if they are not paid. In order to perfect their lien rights, a contractor, subcontractor, supplier, or laborer must file a mechanics' lien with the county recorder which then becomes a recorded lien against your property. Generally, the maximum time allowed for recording a mechanics' lien against your property is 90 days after substantial completion of your project.

TO INSURE EXTRA PROTECTION FOR YOURSELF AND YOUR PROPERTY, YOU MAY WISH TO TAKE ONE OR MORE OF THE FOLLOWING STEPS: (1) Require that your contractor supply you with a payment and performance bond (not a license bond), which provides that the bonding company will either complete the project or pay damages up to the amount of the bond. This payment and performance bond as well as a copy of the construction contract should be filed with the county recorder for your further protection. The payment and performance bond will usually cost from 1 to 5 percent of the contract amount depending on the contractor's bonding ability. If a contractor cannot obtain such bonding, it may indicate his or her financial incapacity. (2) Require that payments be made directly to subcontractors and material suppliers through a joint control. Funding services may be available, for a fee, in your area which will establish voucher or other means of payment to your contractor. These services may also provide you with lien waivers and other forms of protection. Any joint control agreement should include the addendum approved by the registrar. (3) Issue joint checks for payment, made out to both your contractor and subcontractors or material suppliers involved in the project. The joint checks should be made payable to the persons or entities which send preliminary notices to you. Those persons or entities have indicated that they may have lien rights on your property, therefore you need to protect yourself. This will help to insure that all persons due payment are actually paid. (4) Upon making payment on any completed phase of the project, and before making any further payments, require your contractor to provide you with unconditional "Waiver and Release" forms signed by each material supplier, subcontractor, and laborer involved in that portion of the work for which payment was made. The statutory lien releases are set forth in exact language in Section 3262 of the Civil Code. Most stationery stores will sell the "Waiver and Release" forms if your contractor does not have them. The material suppliers, subcontractors, and laborers that you obtain releases from are those persons or entities who have filed preliminary notices with you. If you are not certain of the material suppliers, subcontractors, and laborers working on your project, you may obtain a list from your contractor. On projects involving improvements to a single-family residence or a duplex owned by the individuals, the persons signing these releases lose the right to file a mechanics' lien claim against your property. In other types of construction, this protection may still be important, but may not be as complete.

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Client Initials *AW*

Contractor Initials _____

To protect yourself under this option, you must be certain that all material suppliers, subcontractors, and laborers have signed the "Waiver and Release" form. If a mechanics' lien has been filed against your property, it can only be voluntarily released by a recorded "Release of Mechanics' Lien" signed by the person or entity that filed the mechanics' lien against your property unless the lawsuit to enforce the lien was not timely filed. You should not make any final payments until any and all such liens are removed. You should consult an attorney if a lien is filed against your property.

3. **Dispute resolution procedures.**

a. **Principals-Only Meeting.** If a dispute of any kind or nature arises at any time between Contractor and Client, then the parties agree to participate in a principals-only meeting with in seven (7) days of written notice of the other party of a dispute.

b. **Mediation.** Any dispute, claim, or controversy not fully and finally resolved through the required Principals Meeting, whether in law or equity arising out of or related to this Agreement, or any Work performed by Contractor for Client, including but not limited to disputes regarding breaches of contract, the performance of the Work, the existing and extent of any defects in a Project, or any portion thereof, and the extent of any damages sustained or claims ("Disputes") shall be subject to mediation as a condition precedent to arbitration. The mediation shall be conducted pursuant to the rules of JAMS, Inc. Request for mediation shall be filed in writing with the other party to this Agreement and with JAMS. The request may be made concurrently with the filing of a demand for arbitration but in such event, mediation shall proceed in advance of arbitration or any other legal or equitable proceedings, which shall be stayed pending mediation for a period of sixty (60) days from the date of filing, unless stayed for a longer period by agreement of the parties or court order. The parties shall share the mediator's fees and nay filing fees equally. The mediation shall be held at the JAM office nearest to where the Project is located, unless another location is mutually agreed upon.

4. All costs, including reasonable attorney's fees, and other costs related to the dispute, incurred by the prevailing party both in resolution procedures and in enforcing and executing said resolution award after it is rendered, shall be paid to the prevailing party.

5. In the event that amounts due Contractor are not paid within thirty (30) days of the receipt by Owner of the invoice from Contractor, a service charge shall be due and owing on the unpaid balance at the rate of 1-1/2% per month (18% per year).

6. The conditions and estimate of this proposal are subject to acceptance within fifteen (15) days unless otherwise stated above.

7. Alterations and deviations must be confirmed in writing and shall be subject to the provisions of this Agreement. It is understood by all parties that alterations and deviations may require additional time and monies to complete the job.

8. This instrument contains all of the agreements, understandings, representations, conditions, warranties and covenants made between the parties hereto. Unless set forth herein, either party shall be made liable for any representations made and all modifications and amendments must be in writing.

9. The work performed shall be warranted against defects in material and workmanship for One (1) year from the date of installation.

10. Contractor shall have the right to immediately cease all work if any payment due has not been made. In the event of cessation of work the cost of removal of equipment, and or remobilization, if required, will be charged as "extra work". Such cessation may result in extreme delay on the project due to utilization of crew and equipment on other jobs.

11. No waiver of any right constitutes a continuing waiver.

12. Performance shall be contingent upon delays due to fire, strike, weather, labor disputes, materials availability, civil disturbances, and any other conditions beyond our control.

13. Any taxes or license fees, or governmental expense related to the job hereafter enacted or imposed by any governmental authority shall be added to the price quoted.

14. In the event the job site is not freely and readily accessible to Contractor personnel and equipment because of obstruction or circumstances beyond the control of Contractor, Contractor, may withdraw from the contract and be released from all further obligations and in such event, if work has been already commenced, Contractor shall be entitled to payment of reasonable value of labor and/or materials supplied or purchased for the job to date of withdrawal.

15. The entire work is subject to final inspection and approval by Engineer and/or County or City Inspector.

16. Time is of the essence in this Agreement.

17. If bedrock is encountered during the course of any excavation that requires "ripping", there will be additional charges which will be billed as an extra cost item. "Normal" excavation work is herein defined as exercising up to one pass with a ripper-equipped tractor, or in the case of a backhoe or excavator, material shall be accessible with one pass, prior to the dozing or loading operation. Any rocks or boulders larger than 6" in diameter will require special handling (i.e. stockpiling, off-hauling, pounding or scratching, etc.) and shall be

billed as an extra cost item. Pounding and scratching to break up the material in order to excavate is also not covered under this contract.

If a specialized demolition hammer is necessary to expedite this process, it will be considered an extra. Only "normal excavation" is included in this contract.

18. Any and all extra work and/or change orders will be billed separately and are due and payable upon presentation of invoice.

19. The project will be constructed on the property described and shown on the referenced plans. It shall be the responsibility of the Owner and Owner's agents to ensure that Contractor has access to and adequate working room at the construction site.

20. Upon execution by Owner's Representative, this Proposal becomes a binding Contract upon both Parties. Do not execute this Agreement if you do not fully understand its terms and conditions.

21. In the event of *EXTRA WORK* hourly rates will apply per the attached Exhibit "B" Hourly Rental Rates.

CALIFORNIA PRELIMINARY INFORMATION IS REQUIRED:

PROJECT: Hillview Drive Slide Repair, Danville, CA

ADDRESS/APN: Adjacent to 95 Hillview Dr Danville, CA 94506

OWNER NAME/ADDRESS/PHONE: Vista Tassajara Homeowners Assoc.
563 Leisure St. Livermore, CA 94551
925-454-1987

LENDER NAME/ADDRESS/PHONE: Alliance Associated Bank
3033 W. Ray Rd. Chandler, AZ 85226
(602) 797-3620

The following sections 22 – 29 are Supplementary Provisions which are attached to and made an integral part of the Contract for General Engineering Construction from Diablo General Engineering Co. (the "Contract"), dated July 5, 2017. If these Supplementary Provisions conflict with the Contract, then: (i) the provision which imposes the greater duty on the Contractor shall control and supersede; or (ii) in the case of any ambiguity or conflict not resolved by (i) above, these Supplementary Provisions shall control. Where the provisions are neutral, i.e., do not favor either party, these Supplementary Conditions shall control and supersede any inconsistent provisions.

22. To the maximum extent permitted by law, Contractor shall indemnify, defend, and hold harmless Owner, its officers, directors, agents, representatives, property managers, Property Management & Accounting, Inc., tenants, and employees (collectively, "Indemnitees") from any and all losses, damages, liabilities, actions, causes of action and claims, including attorneys' fees and court costs ("Claims") caused by, or related to this Contract or performance of the Work by Contractor, subcontractors, or material suppliers performing any portion of the Work, including without limitation those Claims arising from death, bodily injury or property damage, and regardless of any Indemnitees' active or passive negligence, excepting injury or harm caused by an Indemnitee's sole negligence or willful misconduct. Contractor's indemnity obligation will survive this Contract's termination or expiration.

23. Contractor shall defend, indemnify and hold harmless Owner against all liability for: (i) stop notice claims; (ii) mechanics liens or claims; (iii) any lis pendens; and (iv) any other encumbrances related to the Work made, recorded or filed on the work of improvement or on any property on which it is being performed, on account of any labor performed or materials furnished by Contractor, subcontractors, laborers, material suppliers and other persons in connection with the Work. Contractor further agrees to keep the Owner, the Work, the Vista Tassajara HOA property and any fund from which construction costs are to be paid, free and clear of all liens, claims, stop notices, or lis pendens arising from the performance of any of the Work covered by this Contract. The provisions of this Section shall not apply if the Owner has failed to timely pay Contractor as required under the terms of this Contract.

24. Contractor shall procure and maintain, at its own expense, insurance for the duration of the Contract against claims for injuries to persons or damages to property which may arise from or in connection with the performance of Work under this Contract by the Contractor, its agents, representatives, employees or subcontractors.

Insurance coverages shall be written on an occurrence form and shall be maintained during the entire term of the Contract. The Products and Completed Operations coverage shall be maintained for at least ten (10) years following such completion of Work.

Contractor shall maintain insurance coverage at least as broad as:

Commercial General Liability - ISO Occurrence Form CG 00 01, including coverage for: products and completed operations, owners and contractors' protective, per location aggregate limit, and with the XCU exclusion deleted (as appropriate). The policy limits shall be not less than One Million Dollars (\$1,000,000), per occurrence for bodily injury, personal injury and property damage liability, and Two Million Dollars (\$2,000,000) annual aggregate.

Automobile Liability - ISO Form, CA 00 01 covering "any auto" coverage code "1", to insure owned, non-owned and hired automobiles, trucks and other vehicles utilized by Contractor and Subcontractor in completion of the Work. The policy limits shall be not less than One Hundred Thousand Dollars (\$100,000) per person, and One Million Dollars (\$1,000,000) per occurrence bodily injury and property damage. The parties acknowledge that Contractor is renting automobiles for this job and is not using a commercial vehicle. Contractor will obtain a hired endorsement, which will cover the rental car.

Worker's Compensation/ Employer's Liability – Worker's Compensation shall be carried in statutory amounts, and Employer's liability insurance in the amount of One Million (\$1,000,000) each accident, and One Million Dollars (\$1,000,000) general aggregate.

Builder's Risk Insurance – In the amount of the Contract Price on a replacement cost basis without optional deductibles, on an "all-risk" or equivalent policy form, and shall include insurance against fire (with extended coverage) and physical loss or damage including theft, vandalism, malicious mischief, collapse, earthquake, flood, windstorm, falsework, testing and startup, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements. The insurance shall cover portions of the Work stored offsite, and also portions of the Work in transit. The Builder's Risk Insurance will not be required if the lender, Alliance Association Bank, agrees to waive this requirement. The Owner may obtain the Builder's Risk Insurance policy at its option. If obtained by the Contractor, the Owner will reimburse Contractor for the cost of obtaining such insurance.

Any deductibles or self-insured retentions must be declared to and approved by the Owner. The Owner may require reduction or elimination of such deductibles or self-insured retentions.

All policies required shall: (i) be written by insurance companies with a Best's Rating of no less than "A- : VII"; (ii) provide that coverage shall not be suspended, voided, canceled, non-renewed, reduced in scope or limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to Owner; and (iii) provide for waiver of subrogation rights against the Owner as provided under this Contract.

The required Commercial General Liability and Automobile Liability policies shall provide an endorsement written on ISO Form 2010 1185 (or equivalent) naming the Owner, its officers, directors, property managers, the trustees and beneficiaries as additional insured with respect to: liability arising out of operations performed by or on behalf of the Contractor or Subcontractors of any tier; products and completed operations of the Contractor or Subcontractors of any tier; premises or automobiles owned, leased, hired or used by the Contractor or Subcontractors of any tier. This coverage shall: (i) contain no special limitations on the scope of protection afforded to the Owner; (ii) be primary as respects the Owner, its officers, officials, employees and volunteers and non-contributory with any insurance carried by the Owner; and (iii) apply separately to each insured and additional insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

The required Builders Risk Insurance policy shall provide that the Owner, its officers, directors, property managers, the trustees, beneficiaries and Lender shall be listed as additional interest or certificate holders.

Five (5) days before commencement of the Work, the Contractor shall provide Owner with certificates of insurance and original endorsements evidencing coverages as required by this clause. These certificates and endorsements shall be signed by a person authorized by that insurer to act on its behalf to bind insurance coverages. The Owner reserves the right to require certified copies of any required insurance policies.

All subcontractors shall also name Owner, its officers, directors, members and property managers (Property Management & Accounting, Inc.) as additional insureds under their Commercial General Liability Policies. All policies maintained by Contractor and all Subcontractors shall provide Owner with thirty (30) days prior written notice of cancellation, termination, or material changes in coverages.

Additional Insureds as follows:

Vista Tassajara HOA
Property Management & Accounting
Western Alliance Bank

25. Additions, alterations or deviations to, or omissions from the Work which entail increased or decreased costs or time, shall be detailed in a Change Order, and submitted to Owner for review. Contractor shall submit to Owner a detailed takeoff with supporting

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Client Initials 

Contractor Initials _____

calculations and pricing for the change together with any adjustments in the schedule required for the performance of the Work as changed. The pricing shall be itemized and in sufficient detail to permit an analysis of all labor, materials and equipment and shall cover all work involved in the change. Amounts in subcontracts shall be supported in similar detail. Contractor will not perform changes in the Work until Owner has approved in writing the pricing for the change and any schedule adjustments and signed the Change Order. Upon receiving the signed Change Order, Contractor will diligently perform the change.

26. Contractor shall be deemed to be in default if it: (i) goes bankrupt; (ii) makes a general assignment for the benefit of its creditors; (iii) refuses or fails to substantially complete the Work within the Contract Time, as extended by Change Orders; (iv) willfully disregards any law or ordinance relating to the Work or the completion thereof; (v) fails to supply sufficient crews, supplies, materials, or equipment to diligently prosecute completion of the Work; (vi) fails to comply with the Contract Documents and/or applicable codes; or (vii) allows any reduction or cancellation of the insurance required by this Contract.

If Contractor commits any of the acts described above, Contractor shall be deemed to be in default, at which time, Owner shall give Ten (10) days written Notice of Default to Contractor, without prejudice to any other rights or remedies Owner has under law or this Contract. If Contractor does not cure the default within Ten (10) days of receiving Notice of Default or another timeline agreed to in writing by Owner, Owner may terminate the services of Contractor in writing. Upon receipt of the written termination notice, Contractor shall immediately discontinue the Work and Owner is entitled to contract with others for its completion, or to complete the Work itself, and charge all costs of completion to Contractor. Owner may deduct from any amounts due or which may become due to Contractor the costs of completion. Owner shall pay Contractor upon the delivery of conditional mechanics lien releases required under this Contract the lesser of the reasonable value of the Work completed by Contractor to the date of the notice to discontinue the Work or the portion of the Contract Price allocable to that Work.

27. Owner shall have the right at any time, for its own convenience, to discontinue immediately and permanently the Work by sending written notice to Contractor or Contractor's superintendent, and Contractor shall then discontinue the Work. Owner shall pay to Contractor upon delivery of conditional mechanics lien releases as required under this Contract the full amount to which Contractor shall be entitled for all Work completed by Contractor up to the time of such discontinuance, including profit and overhead on the completed Work.

28. Owner, without waiver or limitation of any rights or remedies, shall be entitled from time to time to deduct from any amounts due or owing by Owner to Contractor in connection with this Contract, any and all amounts owed by Contractor to Owner in connection with this Contract to the extent necessary to: (i) protect Owner from Contractor's non-performance; (ii) protect Owner from any mechanics liens, stop notices, legal actions, or lis pendens; (iii) protect Owner from any deficient or defective work; (iv) pay any material suppliers or subcontractors as provided elsewhere in the Contract; (v) purchase any bond as allowed in the Contract; or (vi) otherwise protect the Owner from any non-performance or breach anticipated on the part of the Contractor.

29. The Owner reserves the right to make payments to Contractor and any subcontractors and material suppliers by joint check, or to make direct payments to mechanics lien claimants and deduct the amounts paid from the Contract Price.

30. A PHOTOCOPY OF ALL PERMITS REQUIRED FOR THE PROJECT MUST BE SUBMITTED TO OUR OFFICE PRIOR TO COMMENCEMENT.


31. THE FOLLOWING ITEMS ARE NOT INCLUDED IN THE CONTRACT AND MUST BE PROVIDED FOR PROMPTLY, WHEN REQUIRED, BY OWNER OR OWNER'S AGENTS:

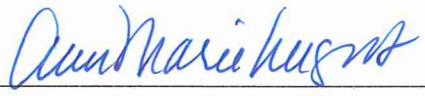
1. Design & Engineering;
2. Survey & Construction Staking;
3. Soils Testing, Compaction Tests, etc.;
4. Location, Relocation and/or Conflicts with Existing Utilities;
5. Dewatering Due to Rains or Groundwater;
6. Mechanical aeration (i.e. mixing, blending, scarifying, etc.) or lime treatment of soil if existing soil is too wet to achieve proper compaction;
7. Damage to unmarked underground facilities;
8. Damage to existing sidewalks, curb & gutter, etc. (unless caused by negligence);
9. Septic and/or other tanks;
10. Landscaping and/or landscaping and irrigation repair or replacement;
11. Damage, "wear & tear" to paving caused by normal (not negligent) truck traffic and/or equipment;
12. Handling and/or disposal of buried objects/toxic and/or hazardous materials/soils, HazMat Survey;
13. Digging in bedrock requiring demolition hammer on machinery;
14. Caving or unstable soils;
15. Hydrant water and hydrant water meter, job site security;
16. Bonds, special insurance endorsements, fees, Encroachment Permit and/or other permits;
17. Repair or replacement of concrete work displaying shrinkage and other cracks. Since such cracking is inherent to concrete construction, Trucrew, Inc. cannot be held liable to replace or repair any cracks in our concrete work;

- 18. Environmental/Analytic clearances, tests, reports, etc. on existing soil prior to export (if necessary);
- 19. Erosion control installation and/or removal (unless clearly stated otherwise in this proposal).

ACCEPTANCE OF CONTRACT: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above. It is understood and agreed that this is the work not provided for in any other agreement.

ACCEPTED this 6 day of JULY, 2017.

By 
Name/Title: ALEX PFUND PRESIDENT (please print)

By 
Name/Title: AnnMarie Nugent, Secretary (please print)

You, the buyer, may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. See the "Notice to Owner" pg. 1 of this proposal and contract for an explanation of this right.



PROPOSAL FOR GENERAL ENGINEERING CONSTRUCTION
TRUCREW, INC., a California Corporation, #392024
dba DIABLO GENERAL ENGINEERING CO.
2179 Kirker Pass Rd, Concord CA 94521
(925) 676-9211 / (925) 676-2557 Fax
www.DiabloGeneralEngineering.com
DiabloGeneral@gmail.com

Submitted To:

Vista Tassajara HOA
Attn: Mr. Tim Morgan
563 Leisure Lane
Livermore, CA 94551

Revision 2
Date: June 27, 2017
Office: (925) 454-1987
Cell:
Email: hoamgmt@pmahoa.com

Re: Hillview Dr Slide Repair, Danville CA Proposal # 17.3217

Figures are based on the following plans and reports (unless stated otherwise in this proposal):
Plans by Stevens, Ferrone & Bailey dated June 20, 2017 (10 sheets)

Grading

- Provide (and later remove) temporary site services: security fencing at the end of Hillview Dr and to secure staging area at Viewpoint Drive, toilets, and development of water source (using blow off at end of Hillview Dr)
Mobilize equipment in/out
Perform slide repair per plan:
1. Develop and later remove/restore haul route(s) as shown on plans (sheet 2) with temp orange fencing as necessary to delineate haul route
2. Keyway spoils will be stockpiled at flat staging area adjacent to Viewpoint Dr as well as along the haul route
3. Subdrains will be installed using AWD SITEDRAIN DS-180 in conjunction with a strip drain such as AWD SITEDRAIN STRIP 6000 (or equal) and will daylight where shown
4. Replace and compact fill to 90% max. relative compaction - see exclusion #6
5. Slopes and benches will be trimmed and tight prior to hydroseeding
6. Note: any unforeseen or additional over-excavation/remedial grading required that exceeds that which is clearly indicated on the plans will be charged on a T&M basis
Upon completion of grading, install fence for neighbor (similar to ex. adjacent fence) as shown on the plans
All grade checking will be GPS controlled, requiring minimal staking from the surveyor (upon request we can provide as-built subdrain locations at no charge)

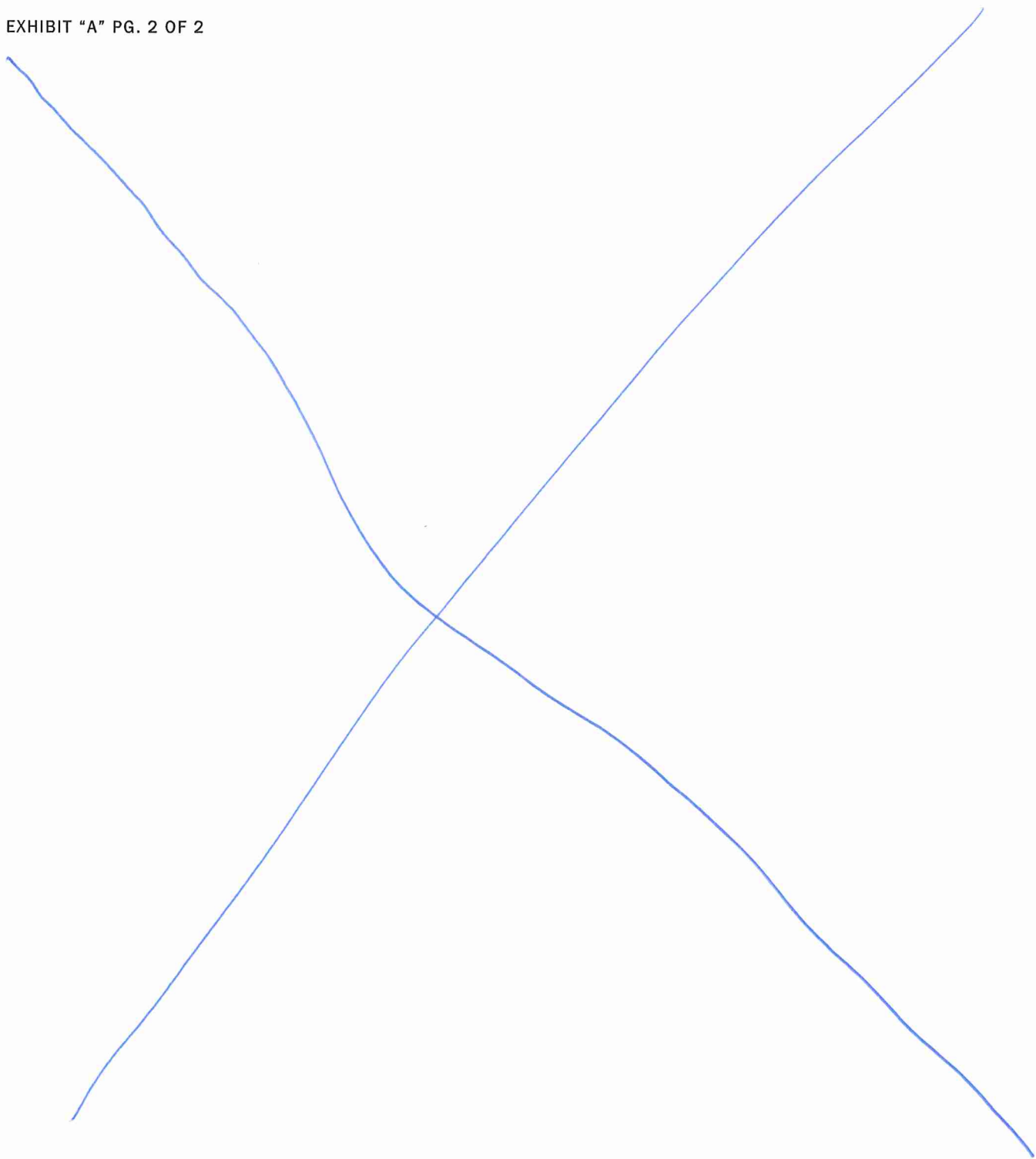
ROUGH GRADING SUBTOTAL \$815,875

Storm Drain

- Demo/remove ex V-Ditch as necessary 1 LS
Subdrain below J-Ditch, 3' max depth 1,040 LF
J-Ditch 1,040 LF
Type J inlet 2 EA
12" ADS Drain Line 240 LF
Reuse (clean) existing inlets 2 EA

STORM DRAIN SUBTOTAL \$127,880

EXHIBIT "A" PG. 2 OF 2



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Client Initials *CS*

Contractor Initials

Erosion Control

Rock plates at Viewpoint Dr. (in/out)	1	LS
Silt Fence (in/out)	~1,400	LF
Install straw wattle (no removal)	~5,000	LF
Hydroseed disturbed area w/ BFM	~6	ACR

Note: the scope of our erosion control measures includes restoring and stabilizing all disturbed areas

EROSION CONTROL SUBTOTAL \$63,535

GRAND TOTAL \$1,007,290

Notes:

- a. Bid does not include any work north of the existing v-ditch at the toe of the slope with the exception of any large stockpiles of soil (i.e. we are not including any yard cleanup or irrigation repair, lanscape restoration, etc.)
- b. Price based on one mobilization for continuous scope of work. Any additional mobilizations will be priced as needed including an adjustment for lost productivity.
- c. Prices subject to change after 45 days.
- d. A photocopy of all permits required for the project must be submitted to our office prior to commencement.

The following items are NOT included in this proposal and must be provided for promptly, when required, by Owner or Owner's agents:

- 1) Design and engineering;
- 2) Survey and construction staking;
- 3) Soils testing, compaction tests, etc.;
- 4) Location, relocation and/or conflicts with existing utilities;
- 5) Dewatering due to rains or groundwater;
- 6) Mechanical aeration (i.e. mixing, blending, scarifying, etc.) or lime treatment of soil if existing soil is too wet to achieve proper compaction
- 7) Damage to unmarked underground facilities;
- 8) Damage to existing sidewalks, curb & gutter, etc. (unless caused by negligence);
- 9) Septic and/or other tanks;
- 10) Landscaping and/or landscaping and irrigation repair or replacement;
- 11) Damage, "wear & tear" to paving caused by normal (not negligent) truck traffic and/or equipment;
- 12) Handling and/or disposal of buried objects/toxic and/or hazardous materials/soils, HazMat Survey;
- 13) Digging in bedrock requiring demolition hammer on machinery;
- 14) Caving or unstable soils;
- 15) N/A
- 16) Bonds, special insurance endorsements, fees, Encroachment Permit and/or other permits;
- 17) Repair or replacement of concrete work displaying shrinkage and other cracks. Since such cracking is inherent to concrete construction, Trucrew, Inc. cannot be held liable to replace or repair any cracks in our concrete work.
- 18) Environmental/Analytic clearances, tests, reports, etc. on existing soil prior to export (if necessary);
- 19) Erosion control installation and/or removal (unless clearly stated otherwise in this proposal)

EXHIBIT "B" - Hourly Rental Rates



TRUCREW, INC. dba Diablo General Engineering
 2179 Kirker Pass Road, Concord, CA 94521-1629
 (925)676-9211 / (925)676-2557F www.diablogeneral.com
 Lic #392024, Class A, B, C21

HOURLY RENTAL RATES AS OF MAY 2017

Mobilization	Rate	Unit
Mobilize Small Machine (Indicated by * below)	250	each way
Mobilize Large Machine (Indicated by ** below)	525	each way
Mobilize Miscellaneous	TBD	
Equipment		
Backhoe*	125	per hour
Small Dozer*	150	per hour
Large Dozer (700K, 850L, etc.)**	195	per hour
Large Dozer w/GPS	225	per hour
Mini Excavator (JD 300)*	125	per hour
Med Excavator (JD65)**	160	per hour
Large Excavator (JD225/Kom/Cat EL200)**	210	per hour
Mini Excavator with Demo Hammer**	230	per hour
Med Excavator with Demo Hammer**	265	per hour
Large Excavator with Demo Hammer**	325	per hour (\$1,800 min charge per day)
JD Track Loader*	125	per hour
JD 4WD Skip Loader*	125	per hour
4 CY Loader (Komatsu)**	160	per hour
Loader w/ Asphalt Zipper (plus tip replacement)**	215	per hour
Walk Behind Compactor per Hour*	70	per hour
Walk Behind Compactor per Day*	250	per day
Asphalt Roller*	90	per hour
Smooth Drum Compactor**	155	per hour
84" Pad Drum Compactor**	155	per hour
815 A Compactor**	210	per hour
15 CY Scraper (S60)**	190	per hour
20 CY Scraper (S27)**	225	per hour
Motorgrader**	185	per hour
Sloping Laser	115	per hour
GPS Rover Grade Control System	300	per day
Sweeper	55	per hour
Jack Hammer/Air Compressor	150	per day
Wacker/Vibraplate	80	per day
Shoring/Trench Plates	10	per day
Dump Truck 10 YD - 3 Axle	100	per hour
Dump Truck - End Dump, Super Dump, Super 10, Bottom Dump	120	per hour
Water Truck	100	per hour
Water Charge per load	45	per load
Labor		
Supervisor	130	per hour
Grade Checker	80	per hour
Grade Checker w/ GPS	115	per hour
Laborer	60	per hour
Field Crew Truck	200	per day
Mechanic w/ Truck	110	per hour
Foreman w/ truck	95	per hour
Operator	80	per hour
Miscellaneous Materials	Cost plus 15%	

For projects requiring two machines but only one operator, Client agrees to pay rental rate of more expensive machine and a minimum rental rate of \$400/day for the second machine.

Equipment for Hire Only Basis (daily and/or unsupervised rental):

TRUCREW INC., dba Diablo General Engineering Co. is not responsible for damaged underground facilities (gas, elec., tele, tanks, etc.). Client is fully responsible for providing the marking, location, hand probing and exposure (if needed) of said facilities by an experienced employee of the Client. Any damage to Trucrew equipment or to facilities is the responsibility of Client.

OVERTIME: Personnel with any hours over 8 per day will be charged at 1-1/2x the hourly rate; Sundays and holidays to be charged at 2x the hourly rate. Equipment time will have \$30/hr added to the rate for hours over 8 per day. (NOTE: Trucrew has elected a 10 HR/DT, 4-DAY work week. DT will be over 10/day and/or any over 40 per week, where applicable.)

17.3217 - Hillview Dr. Slide Repair, Danville

Client Initials

Contractor Initials

GRADING & DRAINAGE PLAN

HILLVIEW DRIVE SLOPE REPAIR VISTA TASSAJARA, DANVILLE, CALIFORNIA

GENERAL NOTES

- The "Owner" shall be Vista Tassajara Homeowners Association. The "Engineer" shall be Stevens Steverson & Bailey Engineering Company (SEB) and the "Contractor" shall be an independent entity retained by the Owner to perform the work specified herein.
- All work shall be performed in accordance with the geotechnical investigation report for the project by SEB, dated June 5, 2017.
- Construction work shall occur only between the hours of 8 A.M. to 5 P.M. Monday through Friday, unless an exception is required or granted by the Owner. All heavy equipment and any initial construction engine shall be filled with adequate mufflers.
- A complete functioning system of improvements is indicated by these plans and specifications. The contractor shall provide all equipment, material, labor, and services necessary for the proper operation and maintenance of all improvements. All contractors shall be responsible for their own safety and the safety of others.
- All work of construction shall comply with applicable federal, state, and local requirements, codes, laws and ordinances. All work shall be done in a safe and sound manner. The Contractor shall provide all necessary permits, licenses and approvals. The Contractor shall follow all local and state regulations, including but not limited to, the California Environmental Quality Act (CEQA) and all applicable regulations. The Contractor shall provide all necessary permits, licenses and approvals for the construction work.
- If public access is required for any aspect of the work described herein, Contractor shall be responsible for its preparation, issuance, and distribution.
- It is the responsibility of the Contractor to verify the accuracy of all provided information; any discrepancies shall be brought to the attention of the Engineer.
- The Contractor shall coordinate the work of all trades and shall secure all necessary licenses, permits, consents, and approvals including those from local authorities necessary for the performance of the work described herein.
- The Contractor agrees that they shall assume sole and complete responsibility for public safety conditions during the course of all construction activities. The Contractor shall be responsible for any and all construction activities, including but not limited to, normal working hours and that the Contractor shall adhere to all applicable laws and regulations. The Contractor shall be responsible for the safety of the Contractor, the Owner, the Engineer, and their employees, and shall be liable for claims, damages, injuries, and costs resulting from the death or injury of any person or persons or from the damage or destruction of any properties caused by or connected with any construction activity.
- The Contractor shall adhere to all applicable laws, regulations, codes, and ordinances, including but not limited to, the California Environmental Quality Act (CEQA), the California Health and Safety Code (CHS), and all applicable regulations. The Contractor shall provide all necessary permits, licenses and approvals for the construction work.
- The Contractor shall be responsible for the safety of the Contractor, the Owner, the Engineer, and their employees, and shall be liable for claims, damages, injuries, and costs resulting from the death or injury of any person or persons or from the damage or destruction of any properties caused by or connected with any construction activity.
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25. All CALIFORNIA requirements and guidelines shall be adhered to during all phases of work, including excavations, trenching, and grading phases.
26. All excavated and graded soils shall be restored to prevent soil erosion and washing. Complete coverage of all exposed rock and soil until the construction area. Contractor shall provide adequate soil cover and erosion control at all times as needed. Any operation that causes soil erosion shall be immediately stopped. Erosion control measures shall include, but not be limited to, the following: erosion control matting, silt fences, straw wattles, sediment basins, and other measures to prevent soil erosion.
27. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project.
28. All work of the site shall conform to the Grading Control Plan. The Contractor shall construct and maintain measures as necessary to control erosion on all slopes. The Contractor shall take the necessary erosion control measures to prevent debris and sediment from migrating off-site. The Contractor shall be responsible for the safety of the Contractor, the Owner, the Engineer, and their employees, and shall be liable for claims, damages, injuries, and costs resulting from the death or injury of any person or persons or from the damage or destruction of any properties caused by or connected with any construction activity.
29. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project.
30. Precast concrete structures shall conform to the requirements of section 10-1.02(f) of the "Precast Concrete Structures" standard specifications.
31. The Contractor shall be responsible for the clean-up of the construction site. All disturbed areas shall be covered with an erosion control matting and stabilized with Hydroseed at the completion of the project. See District 7 for additional details, specifications, and requirements.
32. All work shall be subjected to inspection and approval by the Engineer.
33. Any changes or adjustments to these plans, specifications, and details shall be made in writing by the Contractor and submitted to the Owner and the Engineer for approval. The Contractor shall be responsible for the safety of the Contractor, the Owner, the Engineer, and their employees, and shall be liable for claims, damages, injuries, and costs resulting from the death or injury of any person or persons or from the damage or destruction of any properties caused by or connected with any construction activity.
34. The Owner shall be responsible to maintain the slope and all drainage improvements after construction.

REMEDIAL SLOPE GRADING NOTES

- Equipment accessing shall be from open access entry at Viewpoint Drive. See Sheet 2.
- All fire lines and fire road systems shall be maintained during construction. No work shall be performed within fire lines of fire lines.
- Estimated quantities of over-excavation shall be determined by the Engineer during construction and may vary from the limits and depths shown on these plans.
- The Contractor shall submit an over-excavation plan and drawings for review and approval by the Engineer and Owner indicating the proposed over-excavation and sufficient excavations including but not limited to first phasing, cut and fill steps, fill compaction, and submit final installation.
- The Contractor shall submit an over-excavation plan and drawings for review and approval by the Engineer and Owner indicating the proposed over-excavation and sufficient excavations including but not limited to first phasing, cut and fill steps, fill compaction, and submit final installation.
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- Reinforced concrete shall be used as a minimum for all structures. The design shall be submitted to the Engineer and Owner for approval. Reinforced concrete shall be used as a minimum for all structures. The design shall be submitted to the Engineer and Owner for approval. Reinforced concrete shall be used as a minimum for all structures. The design shall be submitted to the Engineer and Owner for approval.
- All existing fill shall be used as a minimum for all structures. The design shall be submitted to the Engineer and Owner for approval. All existing fill shall be used as a minimum for all structures. The design shall be submitted to the Engineer and Owner for approval. All existing fill shall be used as a minimum for all structures. The design shall be submitted to the Engineer and Owner for approval.
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ESTIMATED EARTHWORK QUANTITIES*

EARTHWORK VOLUME: 65,000 CY.

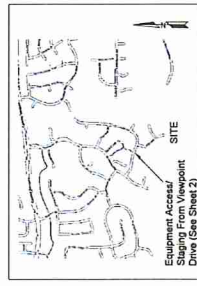
**Note: Volume estimated between bottom of over-excavation and final grades. See Sheets 5 and 7. Earthwork quantities shown are approximate. It shall be Contractor's responsibility to independently estimate quantities for Contractor's own use. Import and/or export may be needed to achieve final grades.*

LIMITATIONS

- Surface and subsurface data and information contained herein are shown for general information only. SEB is not responsible for the validity or accuracy of the information shown herein.
- It is the Contractor's responsibility to verify the accuracy of all provided information; any discrepancies shall be brought to the attention of the Engineer.
- It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project. It is the Contractor's responsibility to ensure that all required permits are obtained and maintained for the duration of the project.
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SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SITE ACCESS AND STAGING AREA PLAN
3	TOPOGRAPHIC SURVEY OF EXISTING SURFACE CONDITIONS
4	SITE PLAN AND ENGINEERING GEOLOGY MAP
5	EXISTING CONDITION CROSS-SECTIONS
6	REMEDIAL SLOPE GRADING PLAN
7	REMEDIAL GRADING CROSS-SECTIONS
8	IMPROVEMENT PLAN
9	CONSTRUCTION DETAILS
10	EROSION AND SEDIMENT CONTROL PLAN



VICINITY MAP
NOT TO SCALE

REVISION NO.	DATE	BY	DESCRIPTION





	These plans, notes, specifications, and details were prepared by me or were prepared under my direct supervision.
Kenneth C. Framme, P.E., C.E.G.	DATE 6/20/17

Stevens Steverson & Bailey Engineers, Inc.	1600 Millway Place, Suite 400 Concord, CA 94520 Tel: 925.688.1071 Fax: 925.688.1005 www.stevens.com
DATE June 2017	PROJECT NO 788-1

TITLE SHEET	10 SHEETS
HILLVIEW DRIVE SLOPE REPAIR	1
Vista Tassajara, Danville, California	



KEY

-  Construction Access Routes (Install Continuous Orange Construction Fencing at Edges of Routes)
-  Approximate Over-Excavation Boundary
-  Temporary Chain Link Construction Fence With Locked Entrance
-  Stabilized Construction Entrance/Exit at Least 50 Feet Long Per California Stormwater BMP Handbook Construction Detail TC-1

NOTES: All locations shown are approximate; actual locations to be determined by the Engineer during construction. All disturbed areas shall be repaired to original grades and stabilized per the General Notes, Erosion Control Notes, and Sediment Control Notes shown on Sheet 10.



BASE MAP - Aerial Photograph from Google Earth image dated 3/11/17. Topographic Survey Shown on Sheet 3.

REVISION NO.	DATE	BY	DESCRIPTION

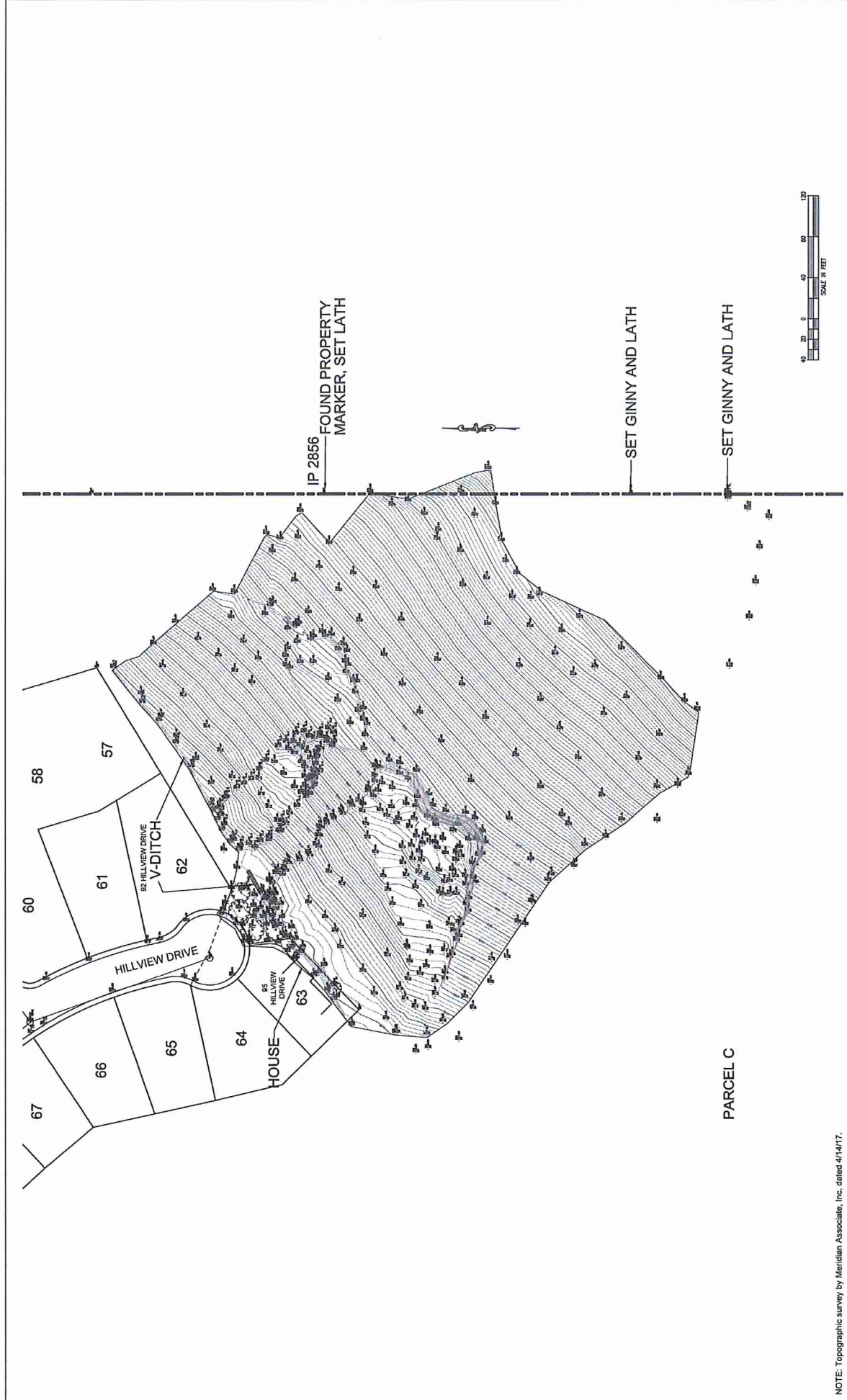


DATE	June 2017
PROJECT NO.	768-1

Stevens
Stetstone & Bailey
Engineering Company, Inc.

1600 Wilcox Plaza Court
Concord, CA 94520
Tel: 925.688.0001
Fax: 925.688.0005
www.stsba.com

SITE ACCESS AND STAGING AREA PLAN
HILLVIEW DRIVE SLOPE REPAIR
Vista Tassajara, Danville, California



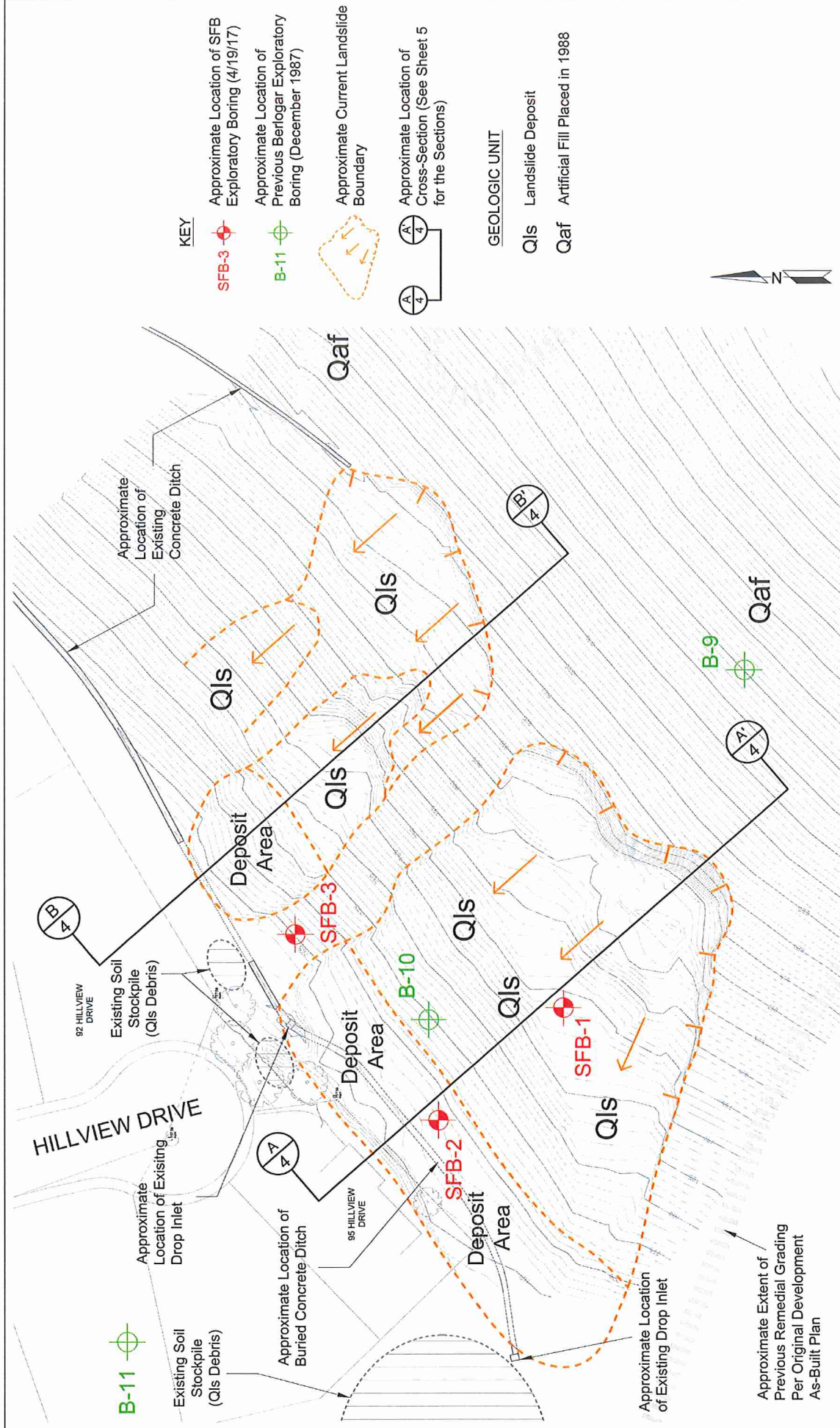
NOTE: Topographic survey by Meridian Associate, Inc. dated 4/14/17.

REVISION NO.	DATE	BY	DESCRIPTION

DATE: APRIL 14, 2017	DATE: June 2017
SCALE: 1" = 40'	PROJECT NO.: 766-1
DRAWN: TJB	
DESIGNED: PC	
ENGINEER: PC	
MANAGER: NK	

<p>MERIDIAN ASSOCIATES, INC. CIVIL ENGINEERING • PLANNING • SURVEYING 1480 COTUI COULDS, SUITE 300 CONCORD, CA 94520 PHONE: 925 491 2300 FAX: 925 491 2310</p>	<p>Stevens & Sterone & Bailey Engineering Company, Inc.</p> <p>1600 Wilbur, Pines Court Concord, CA 94520 Tel: 925 688 1001 Fax: 925 688 1005 www.sterone.com</p>
--	---

TOPOGRAPHIC SURVEY OF EXISTING SURFACE CONDITIONS HILLVIEW DRIVE SLOPE REPAIR Vista Tassajara, Danville, California	SHEET 3 of 10 Sheets
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- KEY**
- SFB-3 Approximate Location of SFB Exploratory Boring (4/19/17)
 - ⊕ B-11 Approximate Location of Previous Berlogar Exploratory Boring (December 1987)
 - Approximate Current Landslide Boundary
 - A
4 Approximate Location of Cross-Section (See Sheet 5 for the Sections)

- GEOLOGIC UNIT**
- Qls Landslide Deposit
 - Qaf Artificial Fill Placed in 1988



BASE MAP: Topographic Survey Shown on Sheet 3.

REVISION NO.	DATE	BY	DESCRIPTION

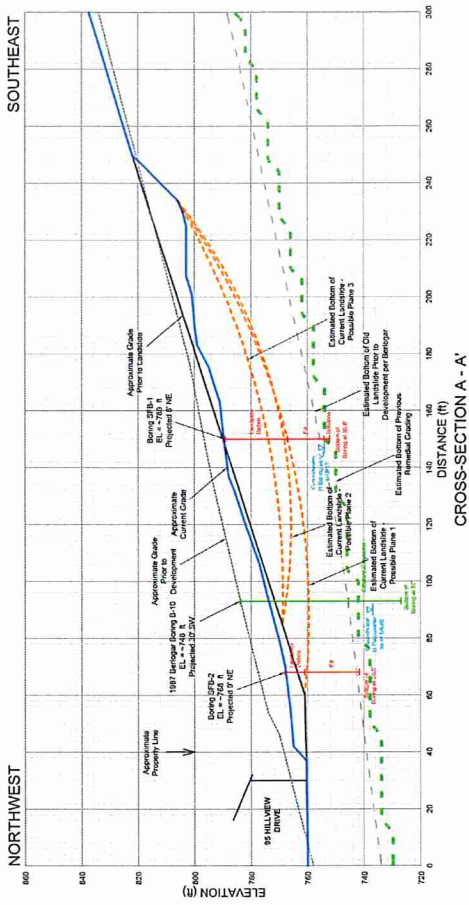
APPROXIMATE SCALE: 1" = 20'

DATE	June 2017
PROJECT NO.	768-1

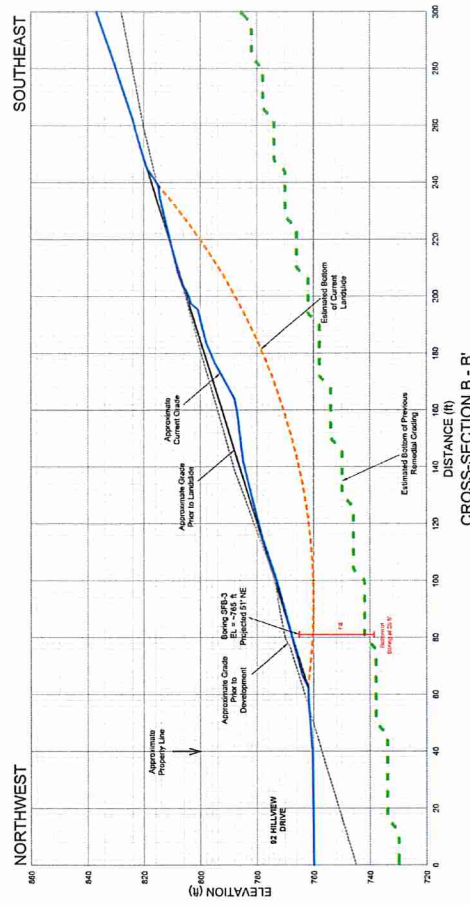
Stevens
Steverson & Bailey
 Engineers, Geologists, Inc.

1600 Willow Park Court
 Concord, CA 94520
 Tel 925.688.1001
 Fax 925.688.1005
 www.stevenson.com

SITE PLAN AND ENGINEERING GEOLOGY MAP	SHEET
HILLVIEW DRIVE SLOPE REPAIR Vista Tassajara, Danville, California	4 of 10 Sheets



CROSS-SECTION A - A'



CROSS-SECTION B - B'

- NOTES:
 1. See Sheet 4 for location of section.
 2. Ground features, structures, and elevations are based on survey by Meridian Associate, Inc. dated 4/14/17.
 3. Refer to boring logs for more details. Borings projected onto cross-sections.

REVISION NO.	DATE	BY	DESCRIPTION

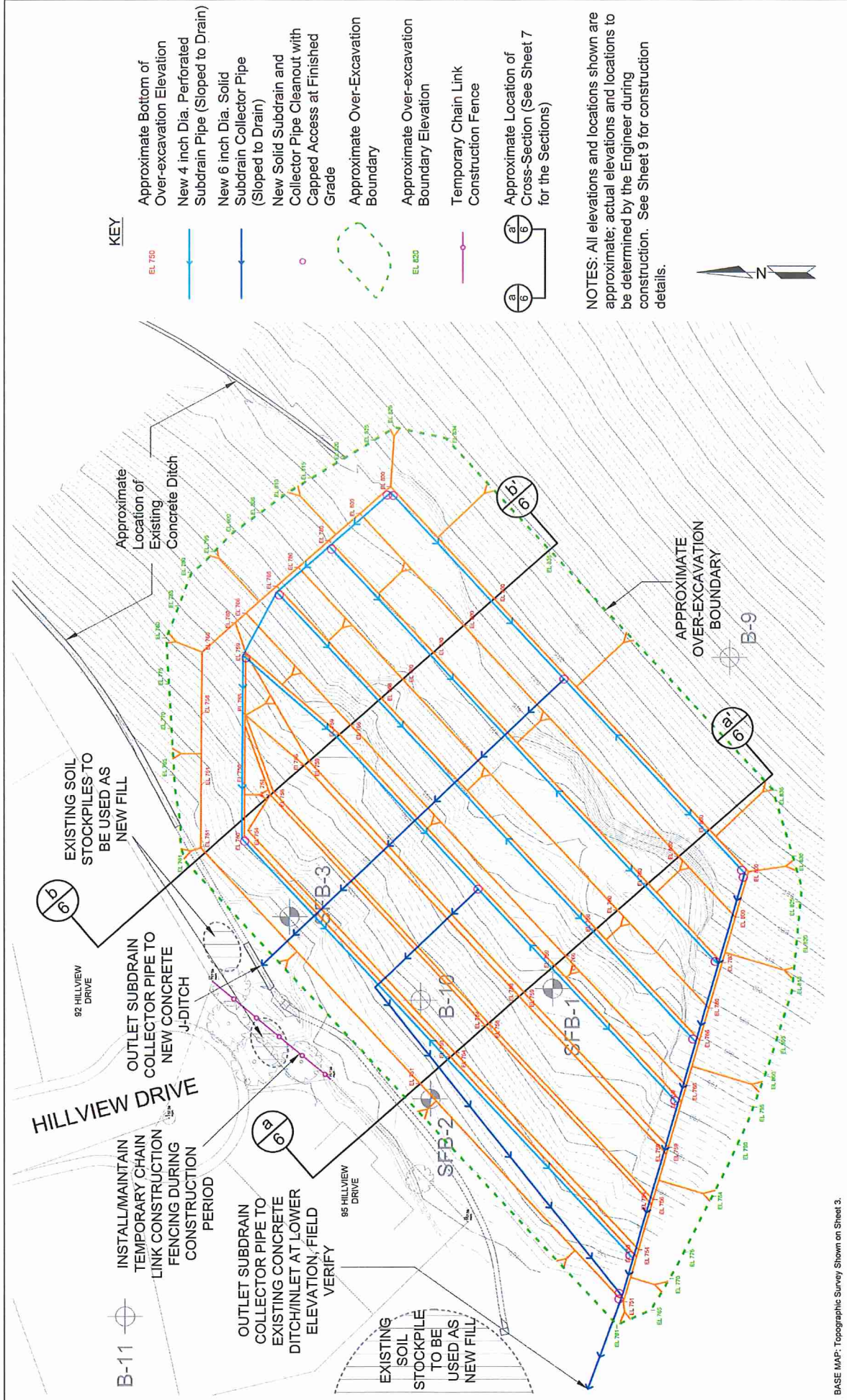
APPROXIMATE SCALE: 1" = 20'
 0 20' 40'

DATE	June 2017
PROJECT NO.	76B-1

Stevens
Steinberg &
Bailey
 Engineering Company, Inc.

1600 Wilcox Plaza Court
 Concord, CA 94520
 Tel. 925.688.1001
 Fax. 925.688.1005
 www.stb.com

EXISTING CONDITION CROSS-SECTIONS
HILLVIEW DRIVE SLOPE REPAIR
 Vista Tassajara, Danville, California



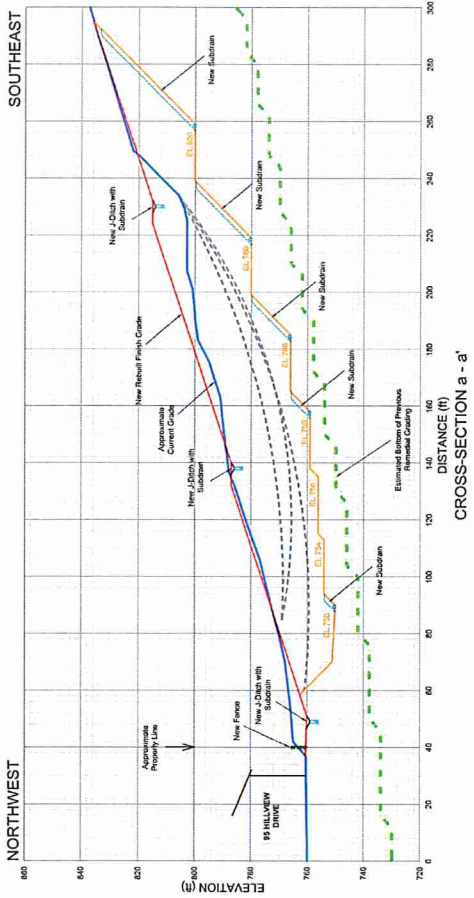
KEY

- EL. 750
 -
 -
 -
 -
 - EL. 820
 -
 -
 -
- Approximate Bottom of Over-excavation Elevation
 New 4 inch Dia. Perforated Subdrain Pipe (Sloped to Drain)
 New 6 inch Dia. Solid Subdrain Collector Pipe (Sloped to Drain)
 New Solid Subdrain and Collector Pipe Cleanout with Capped Access at Finished Grade
 Approximate Over-Excavation Boundary
 Approximate Over-excavation Boundary Elevation
 Temporary Chain Link Construction Fence
 Approximate Location of Cross-Section (See Sheet 7 for the Sections)

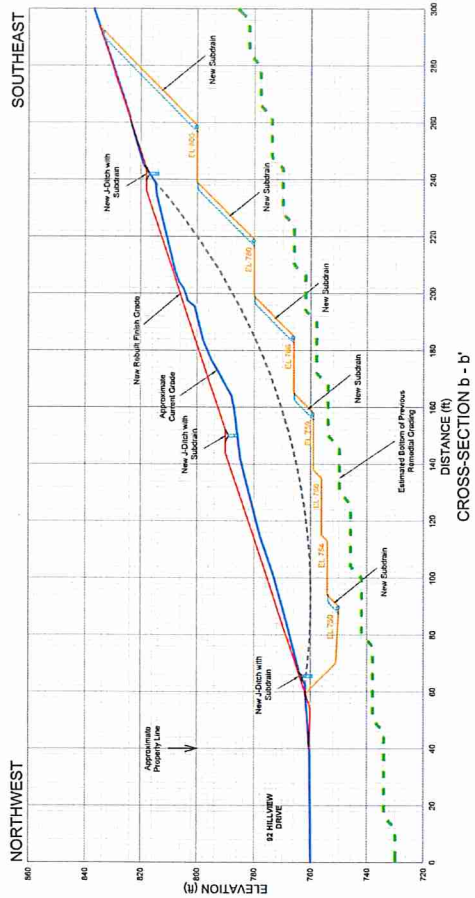
NOTES: All elevations and locations shown are approximate; actual elevations and locations to be determined by the Engineer during construction. See Sheet 9 for construction details.



REVISION NO.		DATE	BY	DESCRIPTION
BASE MAP: Topographic Survey Shown on Sheet 3.				
DATE		June 2017		
PROJECT NO.		785-1		
APPROXIMATE SCALE: 1" = 20'				
Stevens		1600 Willow Pine Court Concord, CA 94520 Tel 925.688.1001 Fax 925.688.1005 www.stevens.com		
Baird & Bailey		Engineering Company, Inc.		
REMEDIAL SLOPE GRADING PLAN		HILLVIEW DRIVE SLOPE REPAIR Vista Tassajara, Danville, California		
SHEET		6 of 10 Sheets		



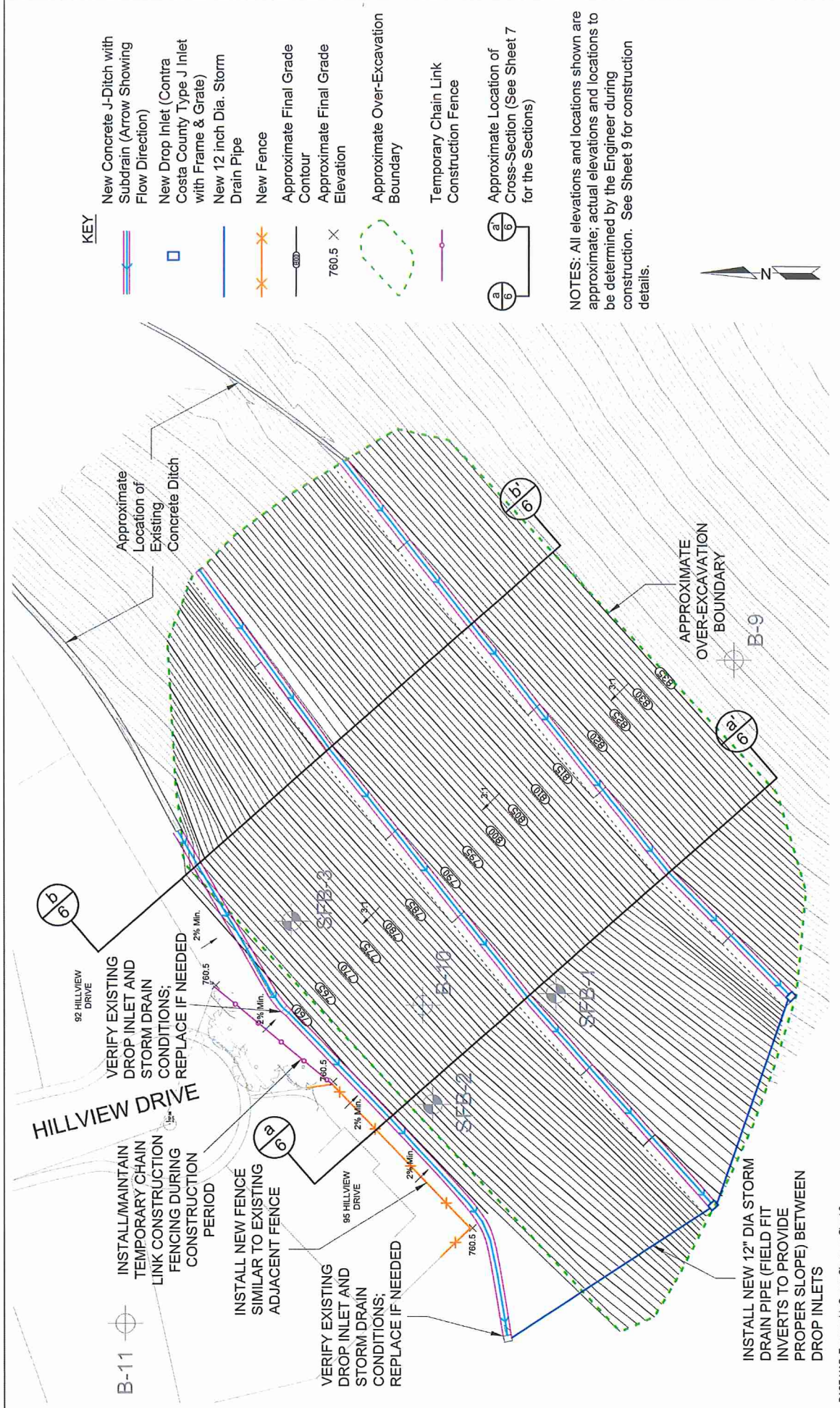
*NOTE: The bottoms of all excavations shall be determined by Certified Engineering Geologist working for Engineer at time of excavation. No fill or subdrains shall be installed without approval. See Sheet 9 for construction details.



REVISION NO.	DATE	BY	DESCRIPTION

DATE June 2017 PROJECT NO. 785-1	STEVENS & BAILEY Engineering Company, Inc.	1600 Willow Pine Court Concord, CA 94529 Tel: 925.688.1001 Fax: 925.688.1055 www.stevens-bailey.com	REMEDIAL GRADING CROSS-SECTIONS HILL VIEW DRIVE SLOPE REPAIR Vista Tassajara, Danville, California	SHEET 7 of 10 Sheets
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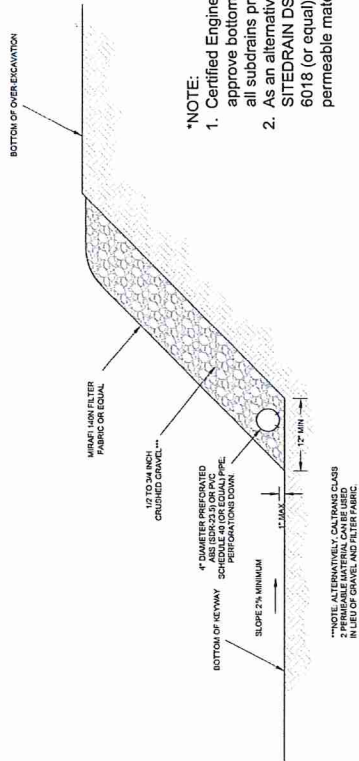
KEY

- New Concrete J-Ditch with Subdrain (Arrow Showing Flow Direction)
- New Drop Inlet (Contra Costa County Type J Inlet with Frame & Grate)
- New 12 inch Dia. Storm Drain Pipe
- New Fence
- Approximate Final Grade Contour
- Approximate Final Grade Elevation
- Approximate Over-Excavation Boundary
- Temporary Chain Link Construction Fence
- Approximate Location of Cross-Section (See Sheet 7 for the Sections)

NOTES: All elevations and locations shown are approximate; actual elevations and locations to be determined by the Engineer during construction. See Sheet 9 for construction details.



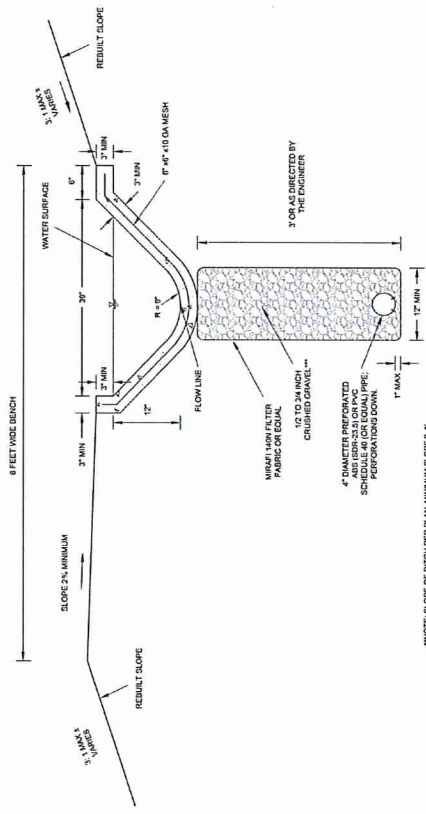
REVISION NO.		DATE	BY	DESCRIPTION
<p>BASE MAP: Topographic Survey Shown on Sheet 3.</p>				
<p>APPROXIMATE SCALE: 1" = 20'</p>		<p>DATE June 2017</p> <p>PROJECT NO. 768-1</p>	<p>Stevens Sterrone & Bailey Engineering Company, Inc.</p> <p>1600 Willow Pass Court Concord, CA 94520 Tel: 925.688.1001 Fax: 925.688.1005 www.sterba.com</p>	<p>IMPROVEMENT PLAN</p> <p>HILLVIEW DRIVE SLOPE REPAIR Vista Tassajara, Danville, California</p>
SHEET				8
OF				10 SHEETS



***NOTE:**
 1. Certified Engineering Geologist working for Engineer shall approve bottom of keyway, bottoms of all excavations, and all subdrains prior to fill placement.
 2. As an alternative at over-excavation back-cuts, AWD SITEDRAIN DS-180 (or equal) and AWD SITEDRAIN Strip 6018 (or equal) can be used in lieu of gravel/Class 2 permeable material, filter fabric, and pipe.

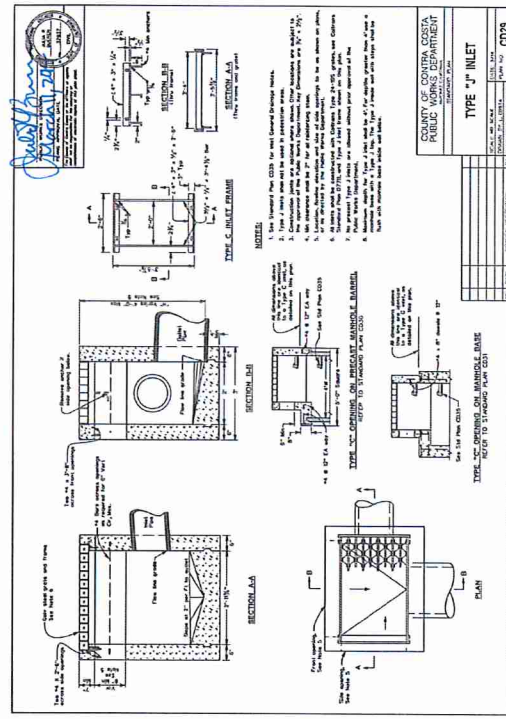
KEYWAY & SUBDRAIN*
 DETAIL NTS

***NOTE:** ALTERNATIVELY, CALTRANS CLASS 2 PERMEABLE MATERIAL CAN BE USED IN LIEU OF GRAVEL AND FILTER FABRIC.



***NOTE:** SLOPE OF DITCH PER SAN. MINIMUM SLOPE 2%.
****NOTE:** ALTERNATIVELY, CALTRANS CLASS 2 PERMEABLE MATERIAL CAN BE USED IN LIEU OF GRAVEL AND FILTER FABRIC.

CONCRETE J-DITCH WITH SUBDRAIN**
 DETAIL NTS



NOTE:
 1. Use Standard Plan CD25 for steel Gravel Drainage Inlets.
 2. Construction shall be in accordance with the details shown on sheets CD25, CD26, CD27, CD28, CD29, CD30, CD31, CD32, CD33, CD34, CD35, CD36, CD37, CD38, CD39, CD40, CD41, CD42, CD43, CD44, CD45, CD46, CD47, CD48, CD49, CD50, CD51, CD52, CD53, CD54, CD55, CD56, CD57, CD58, CD59, CD60, CD61, CD62, CD63, CD64, CD65, CD66, CD67, CD68, CD69, CD70, CD71, CD72, CD73, CD74, CD75, CD76, CD77, CD78, CD79, CD80, CD81, CD82, CD83, CD84, CD85, CD86, CD87, CD88, CD89, CD90, CD91, CD92, CD93, CD94, CD95, CD96, CD97, CD98, CD99, CD100.
 3. The inlet shall be installed in a concrete curb and shall be finished with a smooth surface.
 4. The inlet shall be installed in a concrete curb and shall be finished with a smooth surface.
 5. The inlet shall be installed in a concrete curb and shall be finished with a smooth surface.
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 8. The inlet shall be installed in a concrete curb and shall be finished with a smooth surface.
 9. The inlet shall be installed in a concrete curb and shall be finished with a smooth surface.
 10. The inlet shall be installed in a concrete curb and shall be finished with a smooth surface.

COUNTY OF CONTRA COSTA
 PUBLIC WORKS DEPARTMENT
 1500 MIFLIN PIKE COURT
 CONTRA COSTA, CA 94520
 TEL 925.688.1001
 FAX 925.688.1005
 WWW.CO.CONRAC.CA.GOV

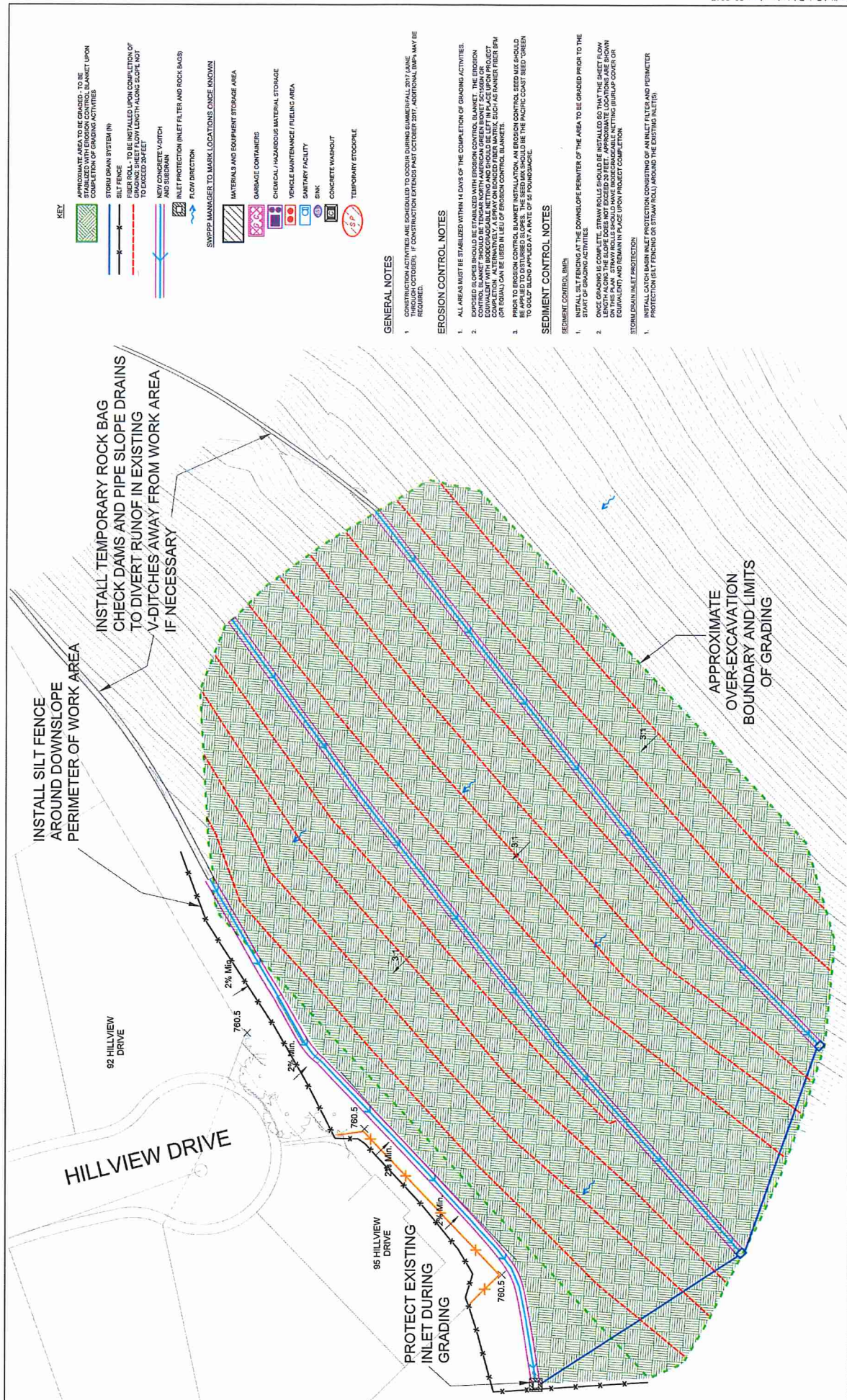
REVISION NO.	DATE	BY	DESCRIPTION

DATE	June 2017
PROJECT NO.	765-1

CONSTRUCTION DETAILS	HILLVIEW DRIVE SLOPE REPAIR
	Vista Tassajara, Danville, California

1600 Mifflin Pike Court Contra Costa, CA 94520 Tel 925.688.1001 Fax 925.688.1005 www.co.conrad.ca.gov	Stevens Stevenson & Bailey Engineering Company, Inc.
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- KEY**
- APPROXIMATE AREA TO BE GRADED TO BE STABILIZED WITH EROSION CONTROL BLANKET UPON COMPLETION OF GRADING ACTIVITIES
 - STORM DRAIN SYSTEM (N)
 - SILT FENCE
 - TEMPORARY ROCK BAG CHECK DAMS AND PIPE SLOPE DRAINS TO DIVERT RUNOFF IN EXISTING V-DITCHES AWAY FROM WORK AREA IF NECESSARY
 - NEW CONCRETE LOTCH AND SUBDRAIN
 - INLET PROTECTION (INLET FILTER AND ROCK BAGS)
 - FLOW DIRECTION
 - SWPPP MANAGER TO MARK LOCATIONS ONCE KNOWN
 - MATERIALS AND EQUIPMENT STORAGE AREA
 - GARBAGE CONTAINERS
 - CHEMICAL / HAZARDOUS MATERIAL STORAGE
 - VEHICLE MAINTENANCE / FUELING AREA
 - SANITARY FACILITY
 - SINK
 - CONCRETE WALKOUT
 - TEMPORARY STOCKPILE

GENERAL NOTES

- CONSTRUCTION ACTIVITIES ARE SCHEDULED TO OCCURE DURING SUMMER/FALL 2017. EARNE OCTOBER. IF CONSTRUCTION EXTENDS PAST OCTOBER 2017, ADDITIONAL BMP MAY BE REQUIRED.

EROSION CONTROL NOTES

- ALL AREAS MUST BE STABILIZED WITHIN 14 DAYS OF THE COMPLETION OF GRADING ACTIVITIES.
- EROSION CONTROL SHOULD BE ESTABLISHED WITH EROSION CONTROL BLANKET. THE EROSION CONTROL BLANKET SHOULD BE INSTALLED WITHIN 14 DAYS OF THE COMPLETION OF GRADING ACTIVITIES. EQUIVALENT WITH BIODEGRADABLE NETTING AND SHOULD BE LEFT IN PLACE UPON PROJECT COMPLETION. EQUIVALENT WITH BIODEGRADABLE NETTING AND SHOULD BE LEFT IN PLACE UPON PROJECT COMPLETION. EQUIVALENT WITH BIODEGRADABLE NETTING AND SHOULD BE LEFT IN PLACE UPON PROJECT COMPLETION.
- PRIOR TO EROSION CONTROL BLANKET INSTALLATION, AN EROSION CONTROL REED MAT SHOULD BE APPLIED TO DISTURBED SLOPES. THE REED MAT SHOULD BE THE PACIFIC COAST REED GREEN TO GOUP AND APPLIED AT A RATE OF 50 POUNDS/ACRE.

SEDIMENT CONTROL NOTES

- SEDIMENT CONTROL BMPs**
- INSTALL SILT FENCING AT THE DOWNSLOPE PERIMETER OF THE AREA TO BE GRADED PRIOR TO THE START OF GRADING.
 - STORM DRAIN INLET PROTECTION

STORM DRAIN INLET PROTECTION

- PROTECT STORM DRAIN INLET PERIMETER WITH EROSION CONTROL BLANKET AND PERIMETER PROTECTION (SILT FENCE OR STORM DRAIN PROTECTION).

REVISION NO.	DATE	BY	DESCRIPTION

<p>DATE: June 2017</p> <p>PROJECT NO.: 765-1</p>	<p>APPROXIMATE SCALE: 1" = 20'</p>	<p>1600 Willow Pass Court Concord, CA 94520 Tel: 925 688 1001 www.SFmudB.com</p>	<p>Stevens Steverson & Bailey Professional Engineers</p>	<p>EROSION AND SEDIMENT CONTROL PLAN</p> <p>HILLVIEW DRIVE SLOPE REPAIR Vista Tassajara, Danville, California</p>	<p>SHEET 10 of 10 Sheets</p>
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