

**Department of
Conservation and
Development**

30 Muir Road
Martinez, CA 94553

Phone:1-855-323-2626

**Contra
Costa
County**



John Kopchik
Director

Jason Crapo
Deputy Director

MaureenToms
Deputy Director

Deidra Dingman
Deputy Director

Ruben Hernandez
Deputy Director

Gabriel Lemus
Assistant Deputy Director

December 5, 2024

**NOTICE OF PUBLIC REVIEW AND INTENT TO ADOPT A
PROPOSED MITIGATED NEGATIVE DECLARATION**

Pursuant to the State of California Public Resources Code and the "Guidelines for Implementation of the California Environmental Quality Act of 1970" as amended to date, this is to advise you that the Contra Costa County Department of Conservation and Development, Community Development Division, has prepared an initial study evaluating the potential environmental impacts of the following project:

- 1. Project Title:** 300 King Drive Tree Permit
- 2. County File Number:** CDTP22-00004
- 3. Lead Agency Name and Address:** Contra Costa County
Department of Conservation and Development
30 Muir Road
Martinez, CA 94553
- 4. Contact Person and Phone Number:** Diana Lecca, Project Planner
(925) 655-2869
- 5. Project Location:** 300 King Drive, in the Walnut Creek area of unincorporated Contra Costa County (Assessor's Parcel Numbers 186-011-035, 238-012-025)
- 6. Applicant / Project Sponsor's Name, Address, and Phone Number:** Izzat Nashashibi
Humann Company
1021 Brown Avenue
Lafayette, CA 94549
(925) 283-5001

7. Description of Project: The applicant requests approval of a Tree Permit to allow the removal of four (4) code-protected trees and authorize work under the drip lines of 12 code-protected trees for the construction and grading of a second driveway to an existing single-family residence that traverses a northwest-facing hillside. Trees to be removed include two Valley Oak and two Coast Live Oak trees ranging from 6.5 inches to 34 inches diameter at breast height (DBH). Construction work would take place within the drip lines of eight Valley Oak and four Coast Live Oak trees ranging from 9 inches to 27 inches DBH. The proposed approximately 600-foot-long driveway would connect the residence to the eastern terminus of the Olympic Boulevard cul-de-sac that runs parallel to the main Olympic Boulevard arterial. The residence is at an elevation of approximately 316 feet while the cul-de-sac is at an elevation of approximately 188 feet. Installation of the driveway includes grading of approximately 100 cubic yards of fill and approximately 1,700 cubic yards of cut, and construction of a three-foot-tall retaining wall along the southeast side of the driveway, and placement of a Fire Code-compliant gate near the cul-de-sac.

8. Surrounding Land Uses and Setting: The project site is comprised of two adjoining parcels, including a 13.19-acre parcel that includes the single-family residence at 300 King Drive (APN: 186-011-035) and an 0.13-acre parcel that is adjacent to the eastern terminus of the Olympic Boulevard cul-de-sac (APN: 238-012-025). Aside from one single-family residence, built in 2006, the rest of the 300 King Drive parcel remains undeveloped with clusters of mature oak trees near the residence and other oak trees spaced within grassland areas. The project site is located along the southern edge of the unincorporated Saranap area of Walnut Creek, southwest of the intersection of Olympic Boulevard and Tice Valley Road. Access to the property is from King Drive, a road that is publicly maintained between the Olympic Boulevard cul-de-sac and El Dorado Road, and privately maintained south of El Dorado Road. From El Dorado Road, the private section of King Drive spans approximately 1,000 feet before reaching the existing residence at its southern terminus. The topography of the project site is severely sloped. At its lowest contour, the property starts at approximately 188 feet and increases up to 410 feet in elevation at the southwest corner. The existing single-family residence is at an elevation of, approximately 320 feet.

The project site is adjacent to developed residential lots to the west and north and vacant lots to the south. To the east, the parcel abuts a more commercial array of properties. The immediate vicinity generally consists of lands in the R-10 Single-Family Residential District and R-20 Single-Family Residential District to the north, west and south; and NB Neighborhood Business District, O-1 Limited Office District, and M-12 Multiple-Family Residential District to the east.

9. Determination: The County has determined that without mitigation the project may result in significant impacts to the environment. Therefore, pursuant to California Code of Regulations Section 15070, a Mitigated Negative Declaration/Initial Study has been prepared which identifies mitigation measures to be incorporated into the project that will reduce the impacts to less than significant levels. Prior to adoption of the Mitigated Negative Declaration, the

County will be accepting comments on the Mitigated Negative Declaration/initial study during a 20-day public comment period.

The Mitigated Negative Declaration/Initial Study can be viewed online at the following link: [California Environmental Quality Act \(CEQA\) Notifications | Contra Costa County, CA Official Website](#) or upon request by contacting the project planner. Any documents referenced in the Mitigated Negative Declaration/Initial Study can be provided upon request by contacting the project planner.

Public Comment Period – The period for accepting comments on the adequacy of the environmental document will extend to **5:00 PM, Thursday, December 26, 2024**. Any comments should be submitted in writing to the following address:

Contra Costa County
Department of Conservation & Development
Attn: Diana Lecca
30 Muir Road
Martinez, CA 94553

or via email to: diana.lecca@dcd.cccounty.us

Additional Information – For additional information on the Mitigated Negative Declaration and the proposed project, contact Diana Lecca by telephone at (925) 655-2869, or email at diana.lecca@dcd.cccounty.us

Sincerely,

Diana Lecca

Diana Lecca
Project Planner
Department of Conservation & Development

cc: County Clerk's Office (2 copies)

attachment: Project Vicinity

GRADING AND DRAINAGE PLANS

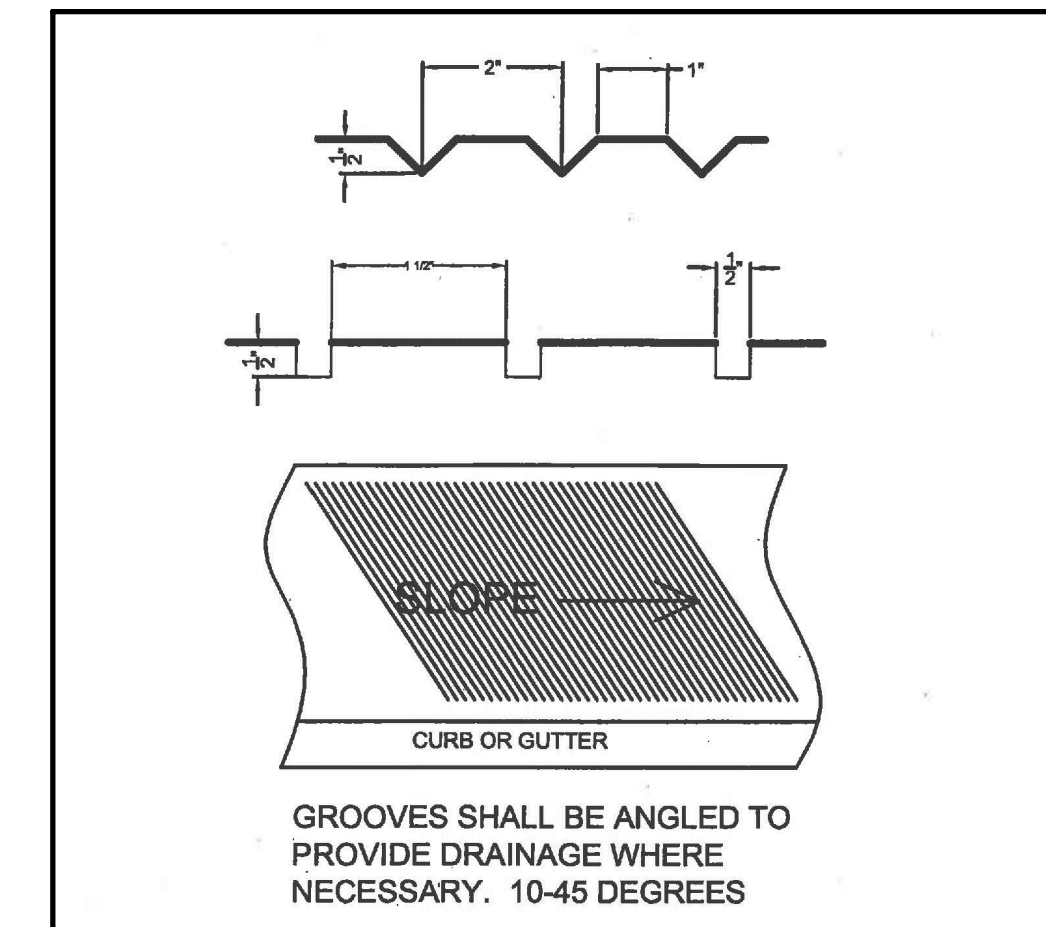
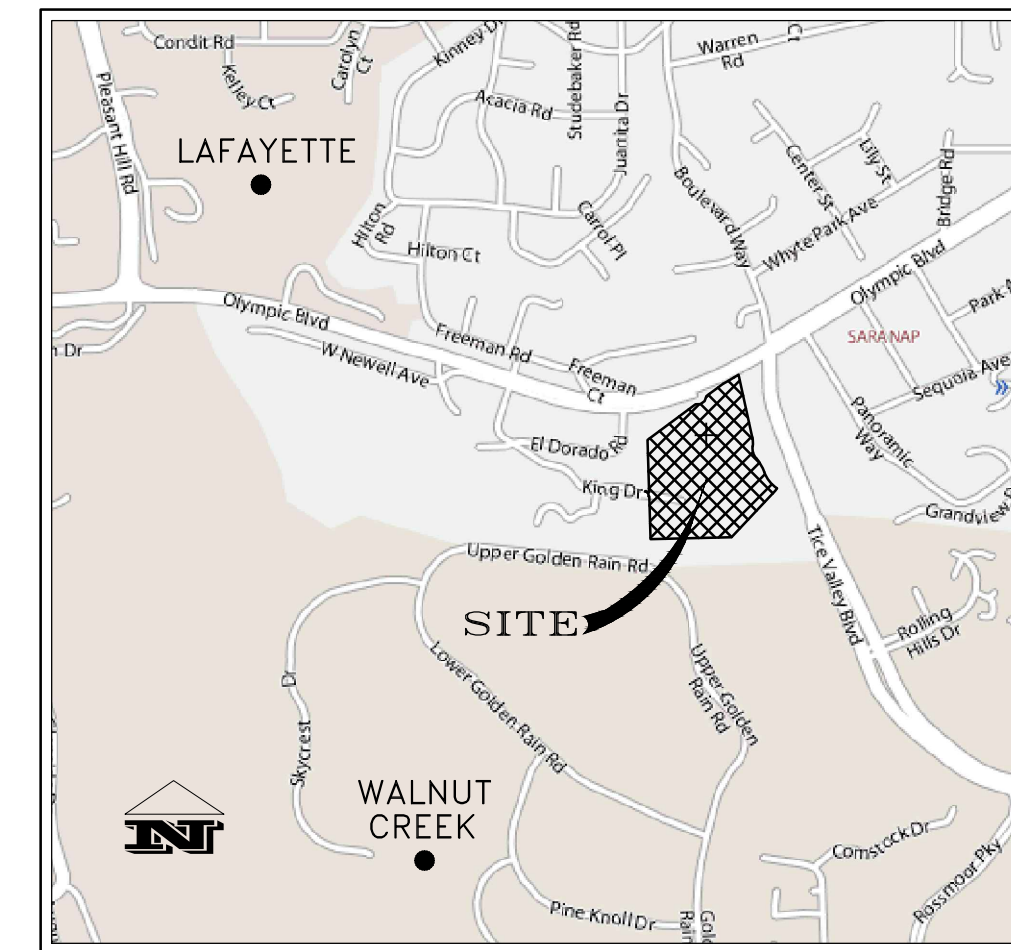
BENNETT FAMILY TRUST - (10 M 242)

300 KING DRIVE
CONTRA COSTA, CALIFORNIA

GRADING NOTES

- ALL GRADING, SITE PREPARATION, PLACING AND COMPACTION OF FILL TO BE DONE IN ACCORDANCE WITH CONTRA COSTA COUNTY GRADING ORDINANCE NO. 99-46; ALSO UNDER THE DIRECT OBSERVATION OF THE SOIL ENGINEER. SUBSEQUENT TO COMPLETION OF THE WORK, THE SOIL ENGINEER SHALL SUBMIT TO THE COUNTY BUILDING INSPECTION DEPARTMENT A REPORT STATING THAT ALL WORK HAS BEEN DONE TO ITS SATISFACTION.
- CONTRACTOR TO NOTIFY CONTRA COSTA COUNTY GRADING SECTION 48-HOURS PRIOR TO START OF WORK.
- ALL CUT SLOPES SHALL BE ROUNDED TO MEET EXISTING GRADES AND BLEND WITH SURROUNDING TOPOGRAPHY. ALL GRADED SLOPES SHALL BE PLANTED WITH SUITABLE GROUND COVER.
- ANY DEVIATION FROM APPROVED PLAN REQUIRES APPROVAL OF THE CONTRA COSTA COUNTY SENIOR GRADING INSPECTOR.
- ALL SLIDE REPAIR WORK, KEYWAYS, SUBRAIN INSTALLATION, AND LINED DITCH WORK SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER, GRADING SECTION. THE GRADING COMPLETION REPORT FROM THE SOIL ENGINEER SHALL BE SUBMITTED TO THE GRADING SECTION. PLAN/REPORT SHALL INCLUDE AN AS-GRADED GEOLOGIC MAP, ASTM FILL COMPACTION TEST RESULTS, DETAILS OF THE SLIDE REPAIR AND/OR SUBRAIN INSTALLATION, INCLUDING AN ACCURATE MAP INDICATING DEPTH AND LOCATION OF SUBDRAINS, AND LOCATION OF CLEAN-OUTS.
- DURING GRADING OPERATIONS, CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES ON SITE AND HAUL ROUTES. (SEE NOTE 3, SHEET 2 FOR CONSTRUCTION DUST CONTROL MEASURES)
- A FINAL REPORT BY THE CIVIL ENGINEER CERTIFYING THAT ALL GRADING, LOT DRAINAGE AND DRAINAGE FACILITIES HAVE BEEN COMPLETED AND THE SLOPE PLANTING INSTALLED IN CONFORMANCE WITH THE APPROVED PLANS, SHALL BE SUBMITTED TO THE COUNTY PRIOR TO ISSUANCE OF BUILDING PERMITS.
- SILT AND EROSION CONTROL PLANS REQUIRED FOR WORK.
- IF THERE ARE ANY EXISTING WATER WELLS ON THIS PROPERTY, CONTRACTOR SHALL CONTACT THE COUNTY DEPARTMENT OF HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION, PRIOR TO ANY GRADING IN THE IMMEDIATE VICINITY OF THESE WELLS.
- GRADING ADJACENT TO NEIGHBORING PROPERTY SHALL BE DONE SUCH THAT EXISTING DRAINAGE PATTERN FROM THESE LOTS SHALL NOT BE DISTURBED. ANY CONFLICT SHALL BE REPORTED TO THE ENGINEER.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SOILS ENGINEER REPORT. (FOR A DETAILED LIST SEE GEOTECHNICAL ENGINEER STATEMENT, SHEET 2)
- ALL GRADES SHOWN ARE FOR FINISHED SURFACES. CONTRACTOR TO MAKE APPROPRIATE ALLOWANCES FOR ROUGH GRADES.

VICINITY MAP N.T.S.



GROOVED CONCRETE DRIVEWAY DETAIL
N. T. S.

CONCRETE DRIVEWAY NOTES:

6" PCC OVER 6" CL 2 AB. PORTLAND CEMENT CEMENT SHALL BE CLASS B (5 SACK) WITH THE COMBINED AGGREGATE GRADING SPECIFIED FOR THE 1" MAXIMUM GRADING IN SECTION 90-30.4 "COMBINED AGGREGATE GRADINGS" OF THE STATE STANDARD SPECIFICATIONS DATED JANUARY 1981. REINFORCEMENT WILL BE REQUIRED. USE #4 REBAR @ 18" O.C. BOTH DIRECTIONS. THE AGGREGATE BASE OR SUBGRADE SHALL BE COMPACTED TO 95 PERCENT RELATIVE COMPACTION AS DETERMINED BY TEST METHOD NO. CALIF. 231. THERE SHALL BE WEAKENED PLANE JOINTS EVERY 10 FEET AND EXPANSION JOINTS EVERY 60 FEET. FOR GRADES OF 16 PERCENT OR LESS, THE SURFACE SHALL HAVE A ROUGH BROOM FINISH. FOR GRADES OVER 16 PERCENT, THE CONCRETE SHALL BE GROOVED TRANSVERSE TO THE ROAD AND GROOVES SHALL BE ANGLED TO PROVIDE DRAINAGE. THE GROOVES SHALL BE A MINIMUM OF 1/2 INCH DEEP AT 2" MAXIMUM INTERVALS. (SEE DETAIL AT LEFT)

EARTH QUANTITIES

EARTH QUANTITIES TO BE VERIFIED BY CONTRACTOR

CUT: 1,700 ± CU. YARDS
FILL: 100 ± CU. YARDS

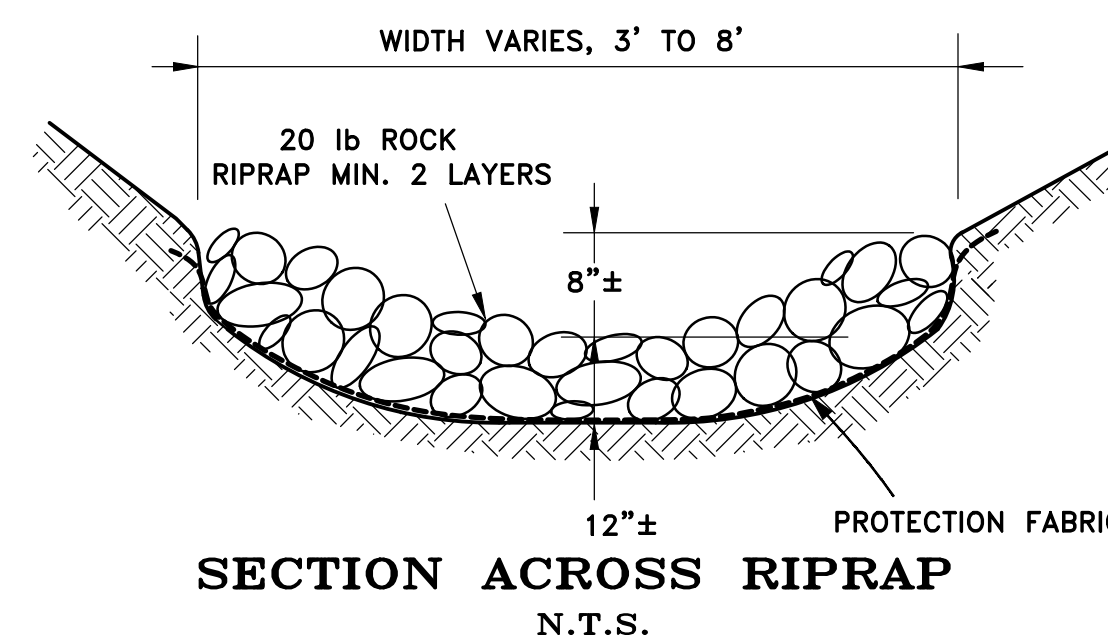
TOTAL AREA DISTURBED = 0.7 ± AC.
TOTAL IMPERVIOUS SURFACE = 9,750 SQ. FT.

STORM DRAIN NOTES

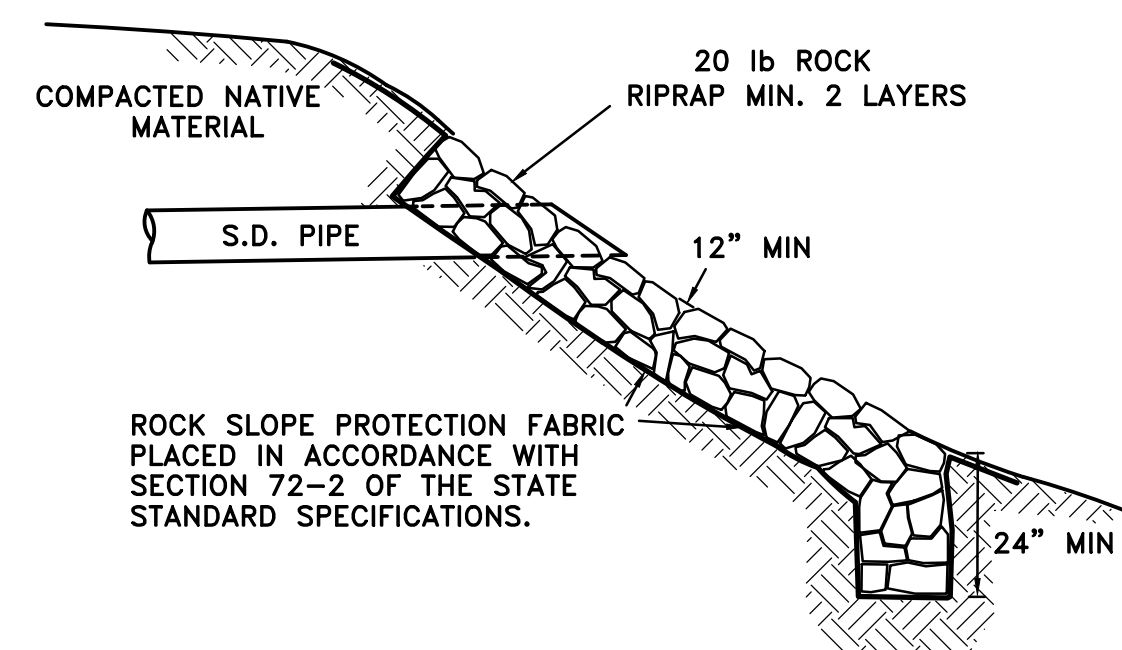
- UNLESS OTHERWISE NOTED, ALL PRIVATE STORM DRAIN PIPE SHALL BE PVC SDR 35 OR SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (CONFORM TO AASHTO M252 & M294 TYPE S).
- ALL STORM DRAIN LATERALS CONNECTING THE AREA DRAIN SYSTEM SHALL BE 4" IN DIAMETER UNLESS NOTED OTHERWISE.
- PROVIDE STORM DRAIN CAPPED STUBS AT CATCH BASINS TO COLLECT LANDSCAPE AREA DRAIN SYSTEM. LOCATION OF AREA DRAINS ARE APPROXIMATED. ADDITIONAL AREA DRAINS MAY BE NEEDED, VERIFY LOCATION PER LANDSCAPE PLANS AND ADJUST IN THE FIELD AS NECESSARY.
- ALL DRAIN INLETS "DI" SHALL BE JENSEN PRECAST PRODUCTS OR EQUIVALENT. SIZE OF DRAIN INLETS ARE SPECIFIED IN THE PLANS. TYPE "J" INLET SHALL BE PER CONTRA COSTA COUNTY STANDARD PLAN CD29.
- ALL AREA DRAINS SHALL BE 6" (P6) HANSON PRODUCT OR EQUIVALENT, REFER TO LANDSCAPE PLANS FOR MORE INFORMATION.
- PROVIDE FOUNDATION PERIMETER SUBDRAIN AS REQUIRED BY LOCAL AND STATE BUILDING CODES AND FIELD CONDITIONS AS EVALUATED BY OTHERS. ADDITIONAL SUBDRAIN MAY BE NEEDED AS REQUIRED BY THE SOILS ENGINEER OR BY FIELD CONDITIONS AND SHOULD BE DESIGNED BY OTHERS.
- PROVIDE CLEANOUTS FOR STORM DRAIN AND SUB-DRAIN LINES TO MAINTAIN THE SYSTEMS PER BUILDING CODE REQUIREMENTS.
- ALL WORK WITHIN DRILINE OF TREES SHALL BE DONE MANUALLY TO SAVE ROOTS. DEPTH OF PIPE WITHIN THESE AREAS SHALL BE 18"±.

NOTE:

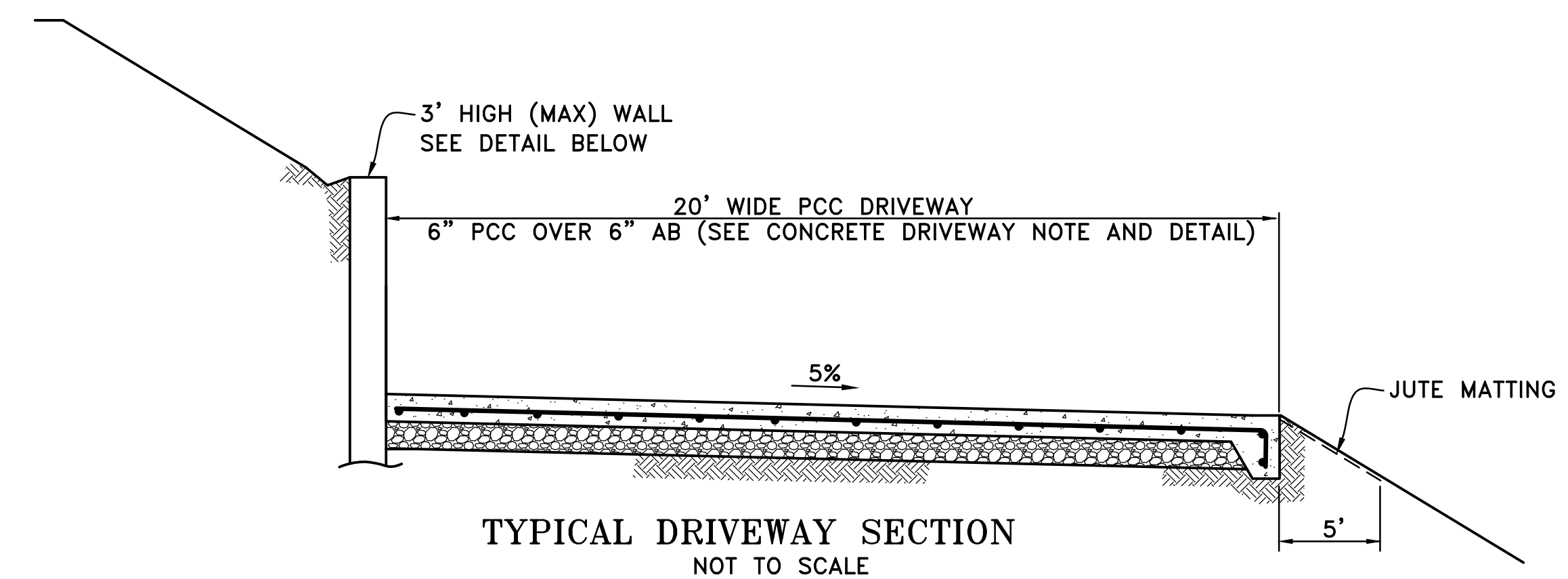
ELEVATIONS SHOWN HEREON ARE BASED UPON BENCHMARK # 3687, LOCATED AT THE INTERSECTION OF OLYMPIC BLVD. AND PANORAMIC WAY, WALNUT CREEK. A CINCH NAIL AND A BRASS C.C.CO. WASHER, ON THE SOUTH CURB RETURN AT THE SE CORNER OF THE INTERSECTION, (ELEVATION=182.989 FEET), AS SHOWN ON THE TOPOGRAPHIC SURVEY PREPARED BY ERIC A. HUMANN, PLS 5452, DATED 07/27/07.



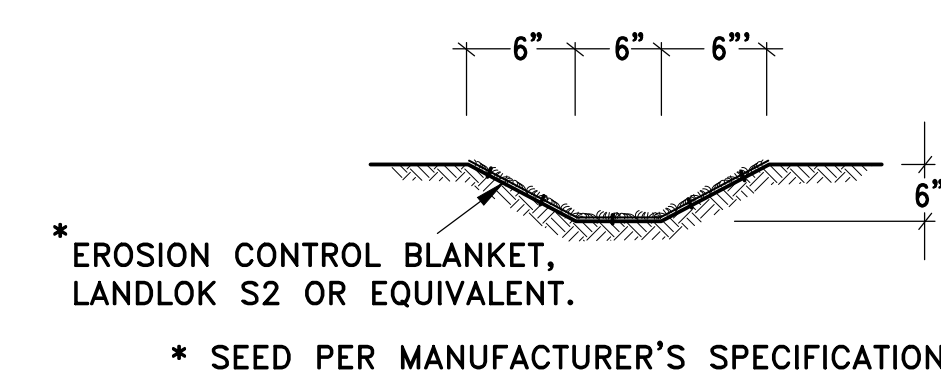
SECTION ACROSS RIPRAP
N.T.S.



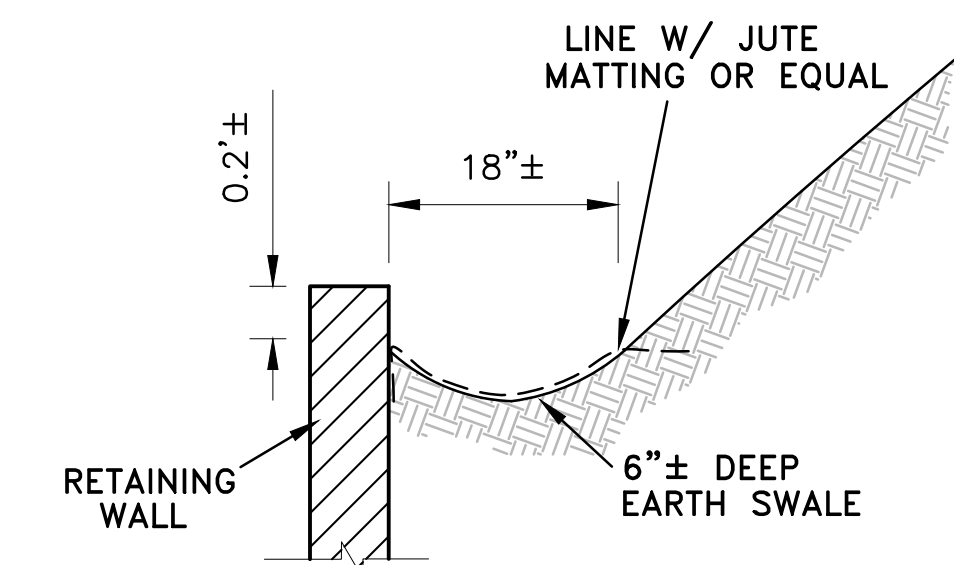
RIPRAP LONGITUDINAL SECTION
N.T.S.



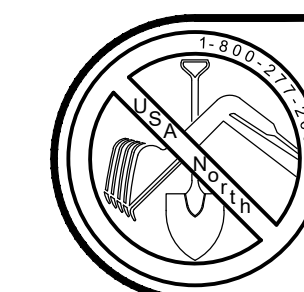
TYPICAL DRIVEWAY SECTION
NOT TO SCALE



EARTH SWALE
TYPICAL SECTION
N.T.S.



EARTH SWALE AT WALL
TYPICAL SECTION
N.T.S.



BEFORE EXCAVATING CALL U.S.A.
OWNER AND/OR CONTRACTOR ARE RESPONSIBLE FOR LOCATION AND VERIFICATION OF ALL EXISTING UNDERGROUND UTILITIES. UNDERGROUND SERVICE ALERT (USA) SHOULD BE NOTIFIED FOR ASSISTANCE IN THIS MATTER AT (800) 227-2600, 48 HOURS PRIOR TO ANY CONSTRUCTION.
THE (USA) AUTHORIZATION NUMBER SHALL BE KEPT AT THE JOB SITE.
LOCATION AND CHARACTER OF ANY UTILITIES IF SHOWN HEREON ARE APPROXIMATE AND TAKEN FROM A COMBINATION OF SURFACE STRUCTURE OBSERVATION AND/OR THE RECORDS OF THE CONTROLLING AGENCY. HUMANN COMPANY DOES NOT ASSUME RESPONSIBILITY FOR THE LOCATION OF ANY EXISTING UTILITIES OR OTHER UNDERGROUND FEATURES SUCH AS WALLS, TANKS, BASEMENTS, BURIED OBJECTS, ETC.

Izzat S. Nashashibi
IZZAT S. NASHASHIBI R.C.E. 29528



SCALE	DATE	REVISIONS
NONE	02/02/23	
DRAWN	SA/PE	
CHECKED	IN	
JOB NO.	06161	

GRADING AND DRAINAGE PLAN
BENNETT FAMILY TRUST - 300 KING DRIVE
LOT 1-24, MAP OF DEWING PARK, 10 M 242
CONTRA COSTA COUNTY CALIFORNIA

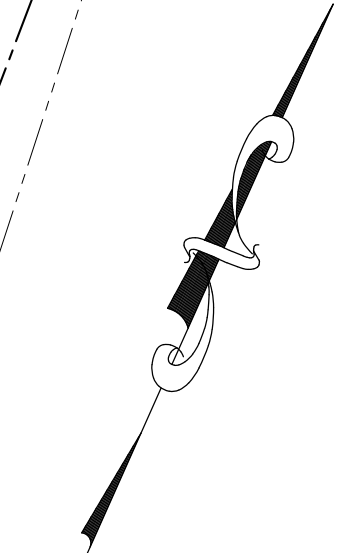
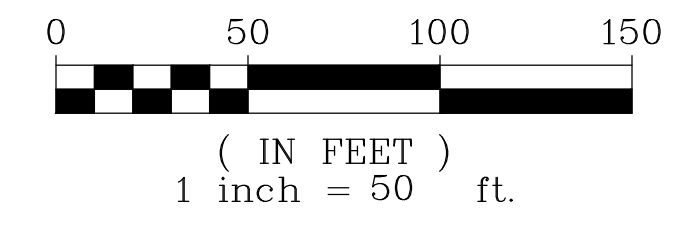
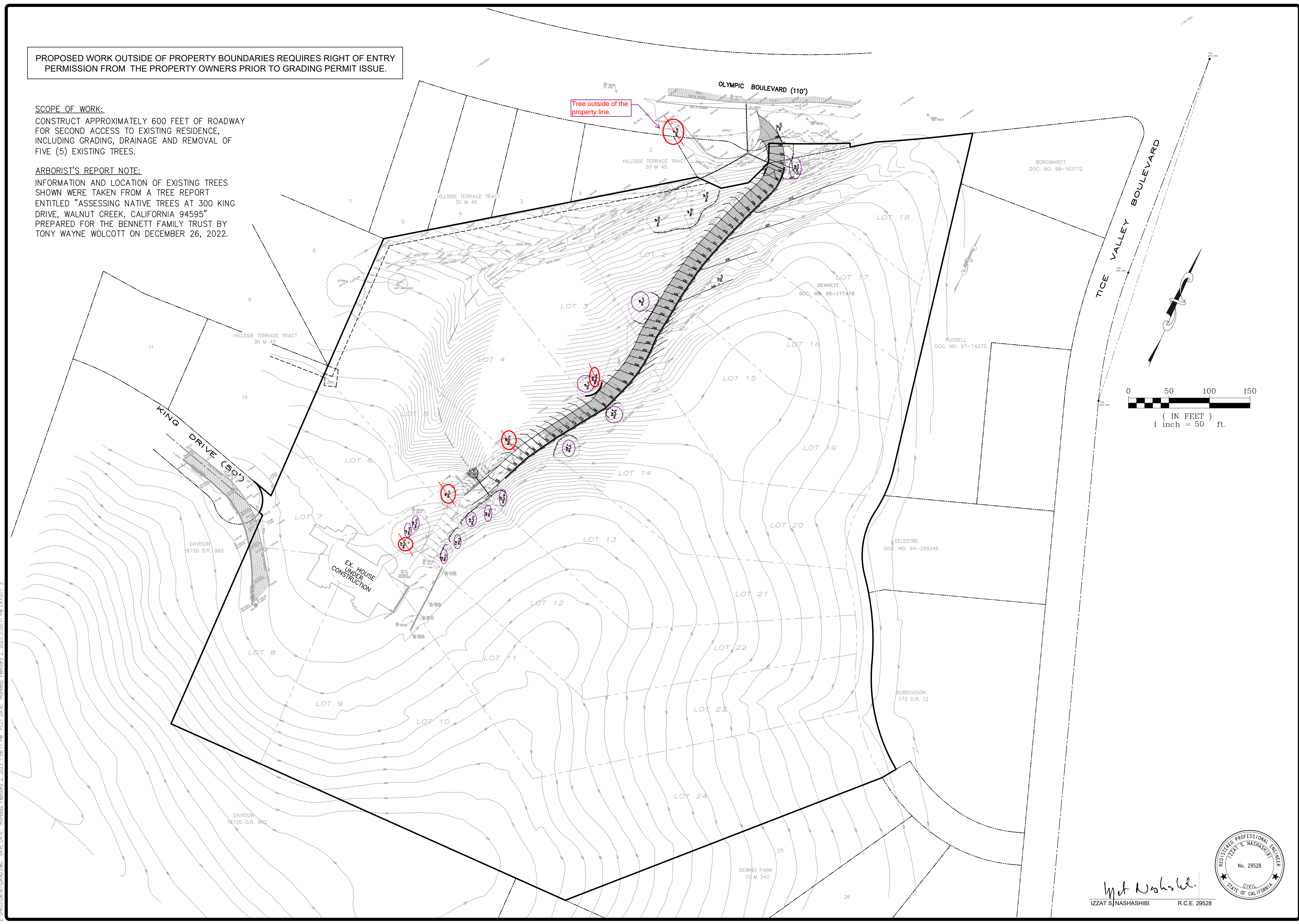
HUMANN COMPANY INC.
ENGINEERING SURVEYING
1021 BROWN AVE. LAFAYETTE, CA 94549
PH (925)283-5000 FAX (925)283-3578
humann@pacbell.net

SHEET 1
OF 5 SHEETS
JOB NO. 06161

PROPOSED WORK OUTSIDE OF PROPERTY BOUNDARIES REQUIRES RIGHT OF ENTRY PERMISSION FROM THE PROPERTY OWNERS PRIOR TO GRADING PERMIT ISSUE.

SCOPE OF WORK:
 CONSTRUCT APPROXIMATELY 600 FEET OF ROADWAY FOR SECOND ACCESS TO EXISTING RESIDENCE, INCLUDING GRADING, DRAINAGE AND REMOVAL OF FIVE (5) EXISTING TREES.

ARBORIST'S REPORT NOTE:
 INFORMATION AND LOCATION OF EXISTING TREES SHOWN WERE TAKEN FROM A TREE REPORT ENTITLED "ASSESSING NATIVE TREES AT 300 KING DRIVE, WALNUT CREEK, CALIFORNIA 94595" PREPARED FOR THE BENNETT FAMILY TRUST BY TONY WAYNE WOLCOTT ON DECEMBER 26, 2022.



Izzat S. Nashashibi
 IZZAT S. NASHASHIBI R.C.E. 29528

Z:\PROJ\06161\GRAD.DWG SAVE DATE: Thursday, February 2, 2023 1:58:17 PM PLOT DATE: Thursday, February 2, 2023 2:00:11 PM LAYOUT: 2

REVISIONS	
SCALE	1" = 50'
DATE	02/02/23
DRAWN	SA/PE
CHECKED	IN
JOB NO.	06161

GRADING AND DRAINAGE PLAN
 BENNETT FAMILY TRUST - 300 KING DRIVE
 LOT 1-24, MAP OF DEWING PARK, 10 M 242
 CONTRA COSTA COUNTY CALIFORNIA

HUMANN COMPANY INC.
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SHEET 2 OF 5 SHEETS
 JOB NO. 06161

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IZZAT S. NASHASHIBI R.C.E. 29528

OLYMPIC BOULEVARD (110')

PROPOSED LOT LINE ADJUSTMENT (LOT MERGER)

HILLSIDE TERRACE TRACT 30 M 45

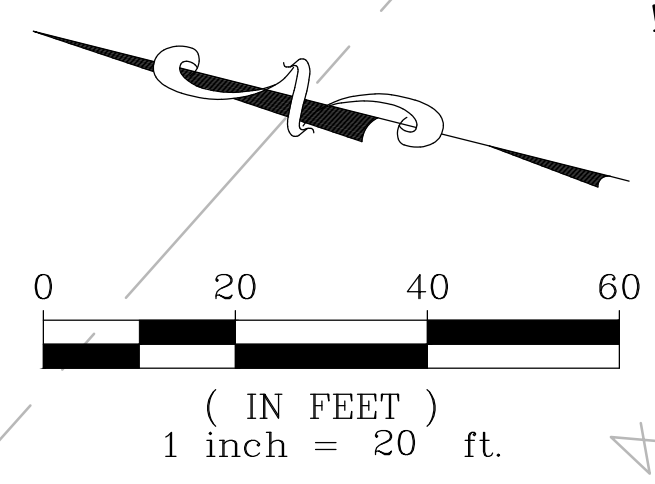
SCOPE OF WORK:

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DRAINAGE IMPROVEMENTS PROPOSED IN THE PUBLIC RIGHT OF WAY REQUIRES REVIEW AND APPROVAL FROM THE CONTRA COSTA COUNTY PUBLIC WORKS DEPARTMENT



REVISIONS	
SCALE	1" = 20'
DATE	02/02/23
DRAWN	SA/PE
CHECKED	IN
JOB NO.	06161

GRADING AND DRAINAGE PLAN
 BENNETT FAMILY TRUST - 300 KING DRIVE
 LOT 1-24, MAP OF DEWING PARK, 10 M 242
 CALIFORNIA
 CONTRA COSTA COUNTY

HUMANN COMPANY INC.
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SHEET 3 OF 5 SHEETS
 JOB NO. 06161

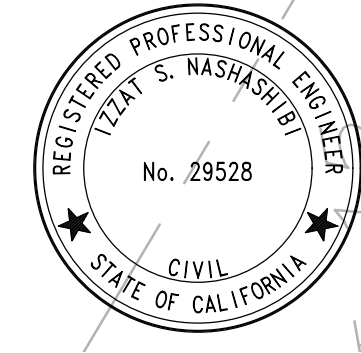
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EROSION CONTROL NOTES:

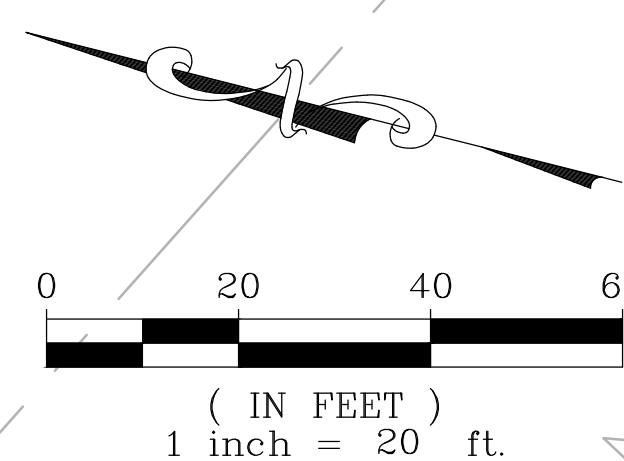
1. PROJECTS PROPOSED FOR CONSTRUCTION BETWEEN OCTOBER 1ST AND APRIL 15TH, MUST HAVE AN EROSION AND SEDIMENTATION CONTROL PROGRAM APPROVED AND IMPLEMENTED TO THE MAXIMUM EXTENT POSSIBLE, PRIOR TO THE START OF ON-SITE EARTHWORK. EARTHWORK THAT IS NECESSARY TO INSTALL EROSION AND SEDIMENTATION CONTROL FACILITIES, SUCH AS DRAINAGE DITCHES AND SEDIMENTATION BASINS, MAY PROCEED CONCURRENT WITH THE INSTALLATION OF THE CONTROL FACILITIES. EROSION CONTROL PLANS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL BY SEPTEMBER 1, AND IMPLEMENTATION COMPLETED BY OCTOBER 1. ALL SITE WORK EXCEPT IMPLEMENTATION OF THE EROSION CONTROL PLAN WILL BE SUBJECT TO SUSPENSION BY THE CITY IF THE REQUIREMENTS OF THIS GENERAL NOTE ARE NOT MET.
2. THIS PLAN IS DIAGRAMMATIC; TEMPORARY EROSION CONTROL DEVICES SHOWN ON THIS PLAN, WHICH INTERFERE WITH THE WORK, SHALL BE RELOCATED OR MODIFIED WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES. IN THE EVENT THAT SUBSTANTIAL REVISIONS ARE REQUIRED NOTIFY THE ENGINEER FOR SUCH SOLUTION.
3. EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, ALL DEVICES SHOWN ON THE EROSION CONTROL PLAN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY. ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AND REPAIRED AT THE END OF EACH WORKING DAY AND MAINTAINED BETWEEN OCTOBER 1 - APRIL 15.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE PROVISIONS OF THE ASSOCIATION OF BAY AREA GOVERNMENTS (ABAG) "MANUAL OF STANDARDS FOR EROSION AND SEDIMENT CONTROL MEASURES" AND SEDIMENTATION CONTROL HANDBOOK (MCGRAW-HILL, 1986) AND THEIR LATEST EDITIONS UNLESS OTHERWISE STATED WITHIN THESE GENERAL NOTES.
5. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATION AND PERIODICALLY THEREAFTER AS DIRECTED BY THE INSPECTOR. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LADEN RUNOFF TO ANY STORM DRAIN SYSTEM.
6. THE CONTRACTOR SHALL PLACE DRAIN ROCK AS A GRAVEL ROADWAY (AS SHOWN) AT EACH CONSTRUCTION ENTRANCE TO THE SITE. MAINTAIN ENTRANCE SUCH THAT MUD AND DEBRIS ARE NOT TRACKED ONTO ADJOINING PUBLIC RIGHT OF WAY. ANY MUD THAT IS TRACKED ONTO PUBLIC STREETS SHALL BE REMOVED THE SAME DAY AS REQUIRED BY THE CITY ENGINEER.
7. A CONCRETE WASHOUT IS REQUIRED FOR ALL CONCRETE WORK. THE WASHOUT SHALL CONSIST OF A CONTAINMENT AREA ENCLOSED BY AN EARTHEN DIKE. PLASTIC TARP, COVERING THE CONTAINMENT AREA AND EARTHEN DIKE, SHALL BE STAKED IN AT OUTSIDE EDGE OF EARTHEN DIKE.
8. ADDITIONAL CONTAINMENT METHODS MUST BE PROVIDED FOR ANY WASTE STORAGE AREA, STOCKPILE/MATERIAL STORAGE AREA AND/OR CONSTRUCTION TOILET AREA.
9. STANDBY CREWS SHALL BE ALERTED BY THE PERMITEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAINSTORMS.
10. AFTER OCTOBER 1, ALL EROSION CONTROL MEASURES WILL BE INSPECTED DAILY AND AFTER EACH STORM. AFTER OCTOBER 1, BREACHES IN DIKES AND SWALES WILL BE REPAIRED AT THE CLOSE OF EACH DAY AND WHENEVER RAIN IS FORECAST.
11. AS A PART OF THE EROSION CONTROL MEASURES, UNDERGROUND STORM DRAIN FACILITIES AND CONCRETE SHALL BE INSTALLED COMPLETE AS SHOWN ON THE IMPROVEMENT PLANS.
12. IF ANY GRADING OPERATIONS, OTHER THAN LOT FINISH GRADING, ARE TO BE PERFORMED DURING OCT. 1 THROUGH APRIL 15, AN EROSION CONTROL PLAN MUST BE SUBMITTED BY SEPTEMBER 1 AND THE PLAN BE APPROVED BY THE CITY OF PLEASANT HILL PRIOR TO THE COMMENCEMENT OF ANY SUCH GRADING OPERATIONS.
13. BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES TO THE SATISFACTION OF THE CITY ENGINEER.
14. GRAVEL BAGS OR STRAW BALES SHALL BE STOCKPILED ON SITE AND PLACED AT INTERVALS SHOWN ON EROSION CONTROL PLANS, WHEN THE RAIN FORECAST IS 40% OR GREATER, OR WHEN DIRECTED BY THE INSPECTOR.
15. GRAVEL BAGS REFERRED TO IN THE PRECEDING ITEMS MUST BE FULL. APPROVED GRAVEL BAG FILL MATERIALS ARE DECOMPOSED GRANITE AND/OR GRAVEL, OR OTHER MATERIALS APPROVED BY THE INSPECTOR.

LEGEND

- x-x- TREE PROTECTION FENCE
- SILT FENCE OR FABRIC/STRAW WATTLES
- ⊕ DRAIN INLET WITH SAND BAGS AND FILTER FABRIC
- ⊗ GRAVEL BAGS/TWO ROWS (SPACE AS REQUIRED)
- ▨ STABILIZED CONSTRUCTION ENTRANCE



Izzat S. Nashashibi
IZZAT S. NASHASHIBI R.C.E. 29528



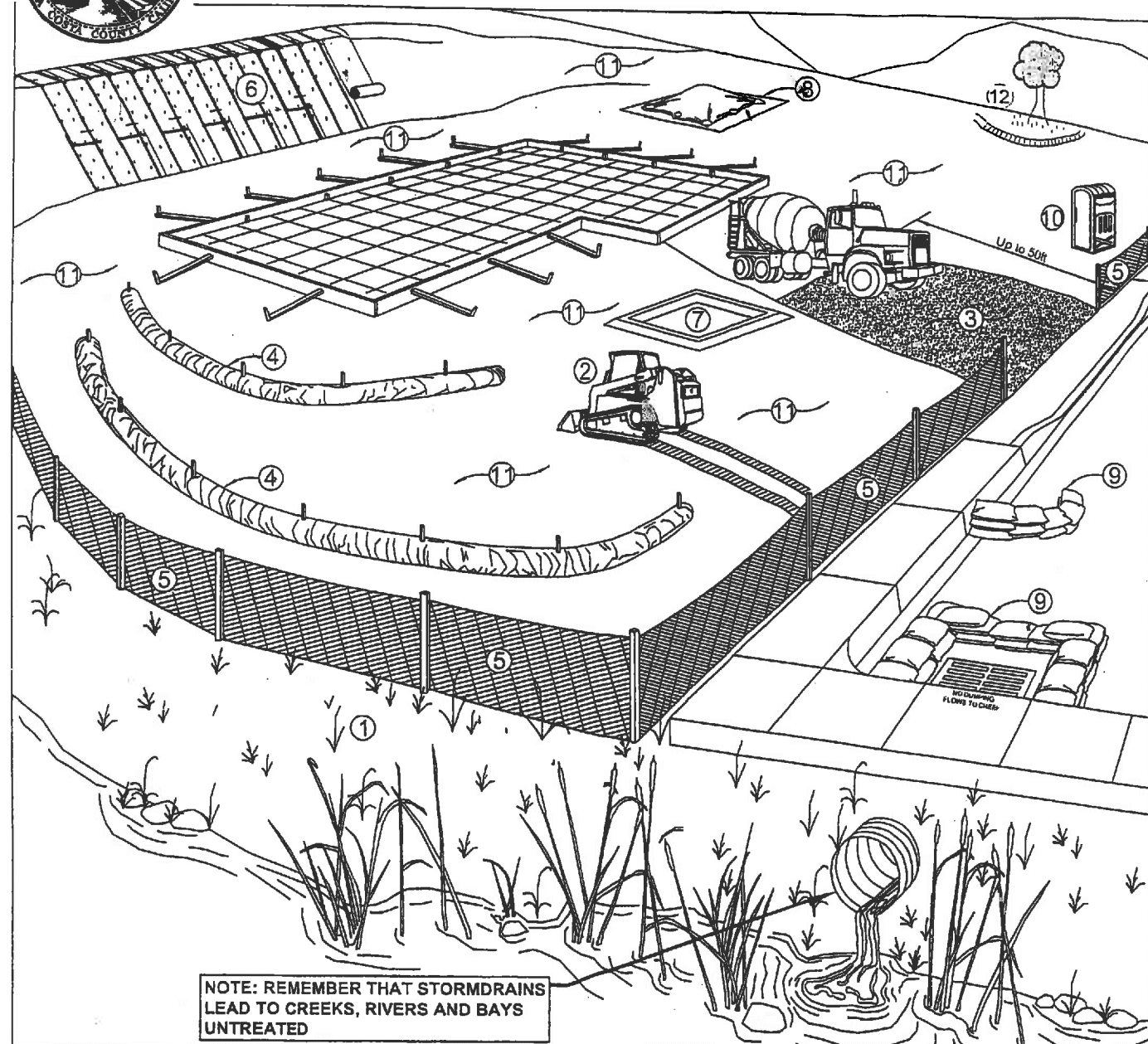
REVISIONS
SCALE 1" = 20'
DATE 02/02/23
DRAWN SA/PE
CHECKED IN
JOB NO. 06161

GRADING AND DRAINAGE PLAN
 BENNETT FAMILY TRUST - 300 KING DRIVE
 LOT 1-24, MAP OF DEWING PARK, 10 M 242
 CONTRA COSTA COUNTY CALIFORNIA

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SHEET 4
 OF 5 SHEETS
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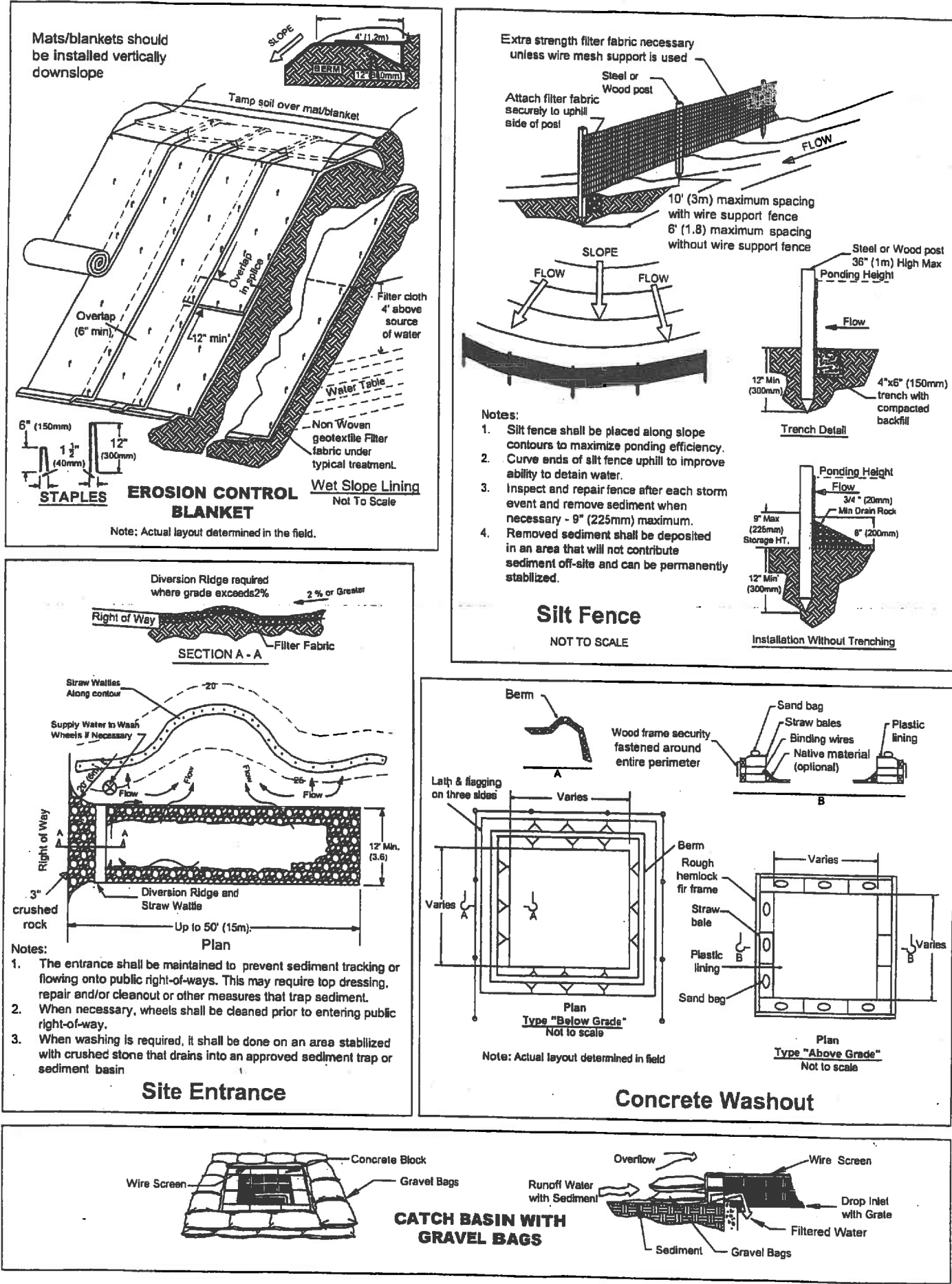
CONTRA COSTA COUNTY
MINIMUM EROSION / SEDIMENT CONTROL GUIDELINES
FOR SMALL CONSTRUCTION PROJECTS



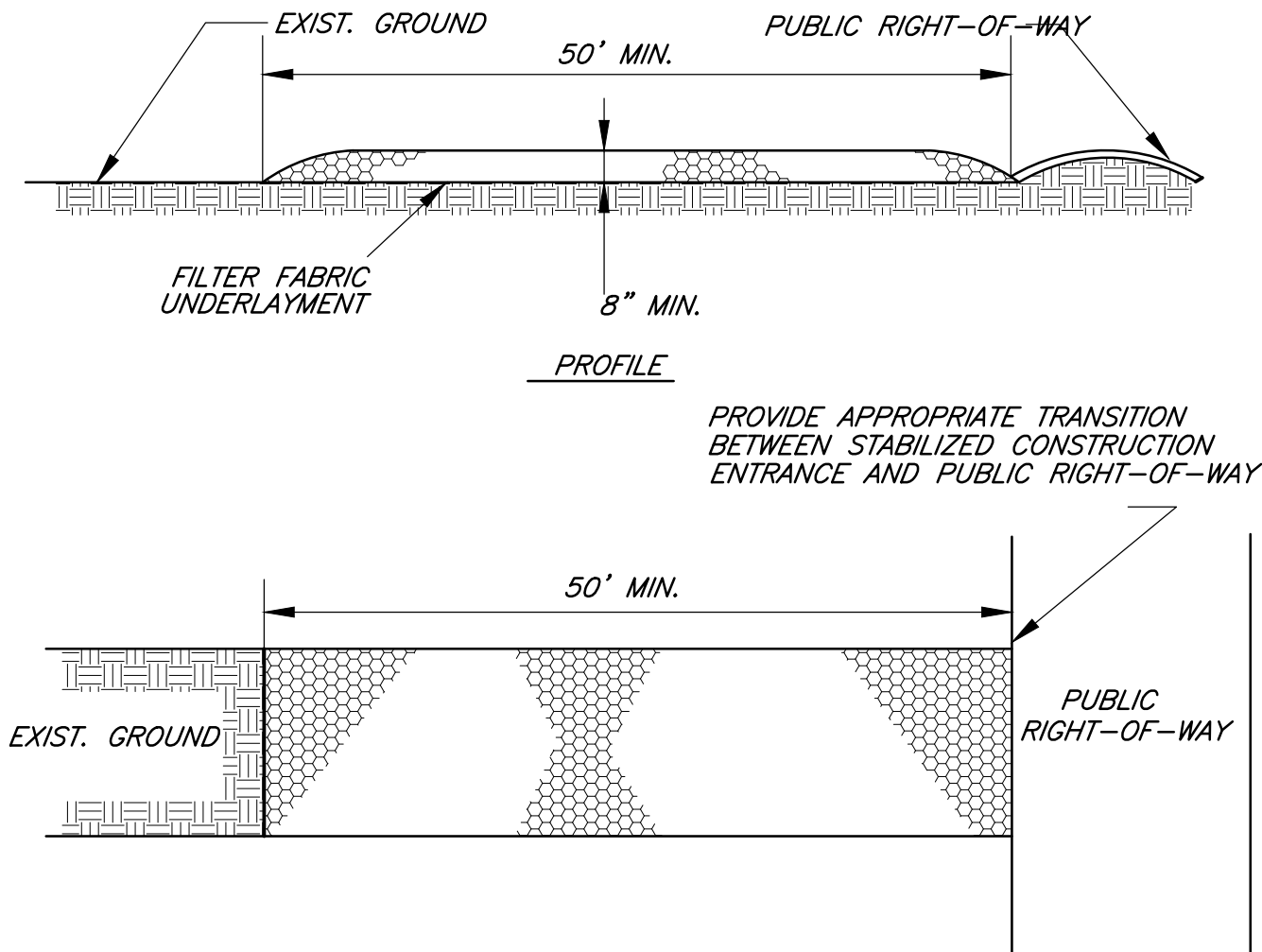
NOTE: REMEMBER THAT STORMDRAINS LEAD TO CREEKS, RIVERS AND BAYS UNTREATED

- 1) Check with Contra Costa County Public Works Department (Engineering Services Division) for creek setback requirements. No construction or earthwork within 10' of a creek bank is ever allowed unless authorized by a County 1010 permit or a Flood Control District Permit.
 - 2) During grading phase, track-walk up and down slopes (not parallel to them).
 - 3) Stabilize site entrance and temporary driveway - use 3" crushed rock up to 60' (or as far as possible) to prevent tracking soil offsite.
 - 4) Use straw wattles along contours with 2:1 slopes or steeper, keyed into ground at least 3" deep (typically 25' to 50' apart).
 - 5) Install silt fence along contours as secondary measure to keep sediment onsite and to minimize vehicle and foot traffic beyond limits of site disturbance.
 - 6) Install erosion control blankets or (equivalent) on any disturbed site with 2:1 slopes or greater.
 - 7) Construct a concrete washout site adjacent to stabilized entrance. Clean as needed and remove at end of project.
 - 8) Cover all stockpiles and landscape materials. Keep behind silt fence, away from water bodies.
 - 9) Use pea-gravel bags (or similar product) around drain inlets located both onsite and in gutter as a last line of defense.
 - 10) Place port-a-potty near stabilized site entrance, behind the curb and away from storm drain inlets and water bodies.
 - 11) Cover all exposed soil with straw or strawtackifier.
 - 12) Existing vegetation should be preserved as much as possible. Areas of disturbed soil/vegetation should be revegetated as soon as practical.
- Note: Sediment and erosion control shall be continually maintained throughout the rainy season (October 1st - April 30th) and must remain effective through the construction and landscape release period with minimum 10:1:1 P:O:K.

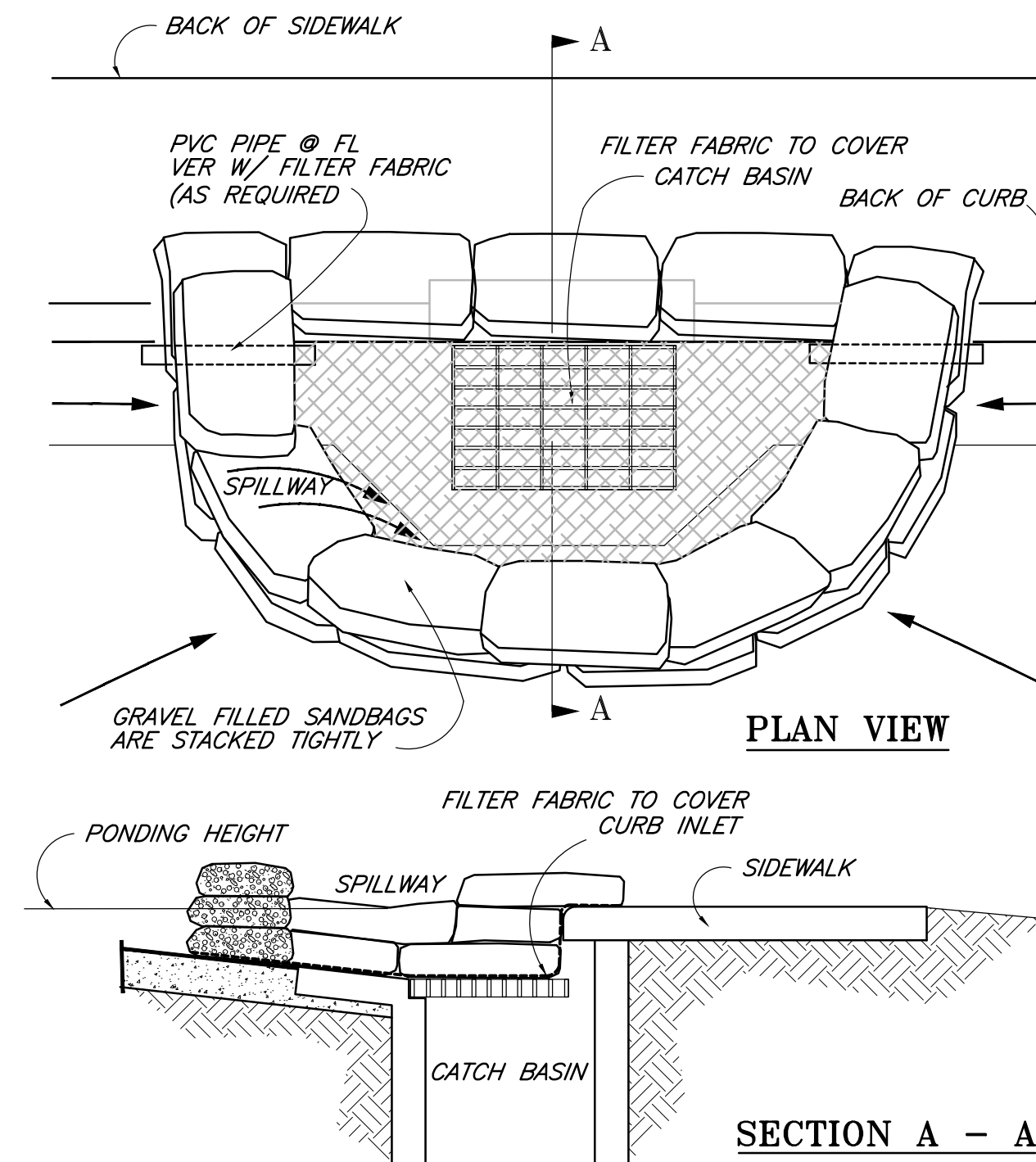
TYPICAL DETAILS



This guide was originally conceived and designed by the Marin County Stormwater Pollution Prevention Program (MCSTOPP). We thank them for allowing us to adapt it for Contra Costa County.



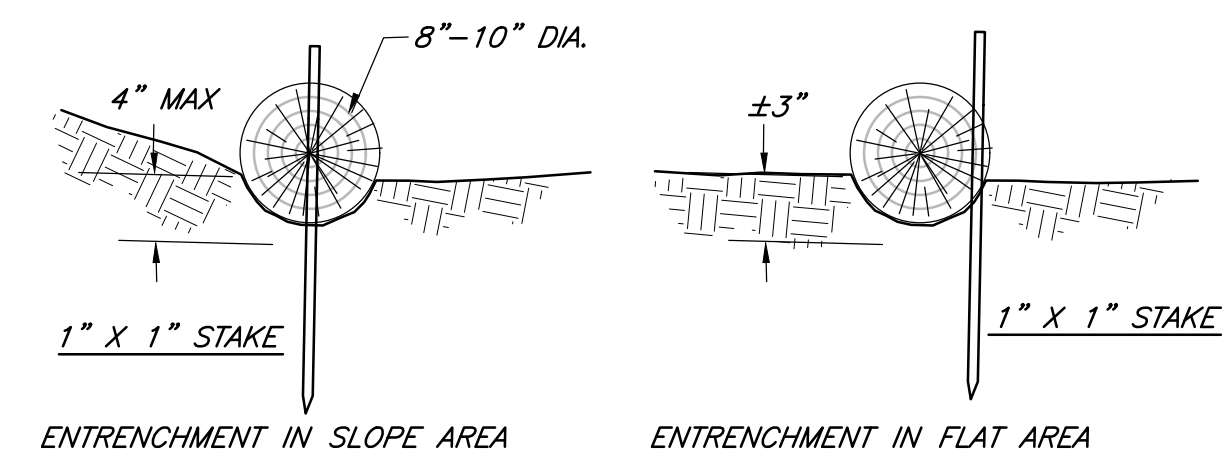
STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



- NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
 2. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
 3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
 4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

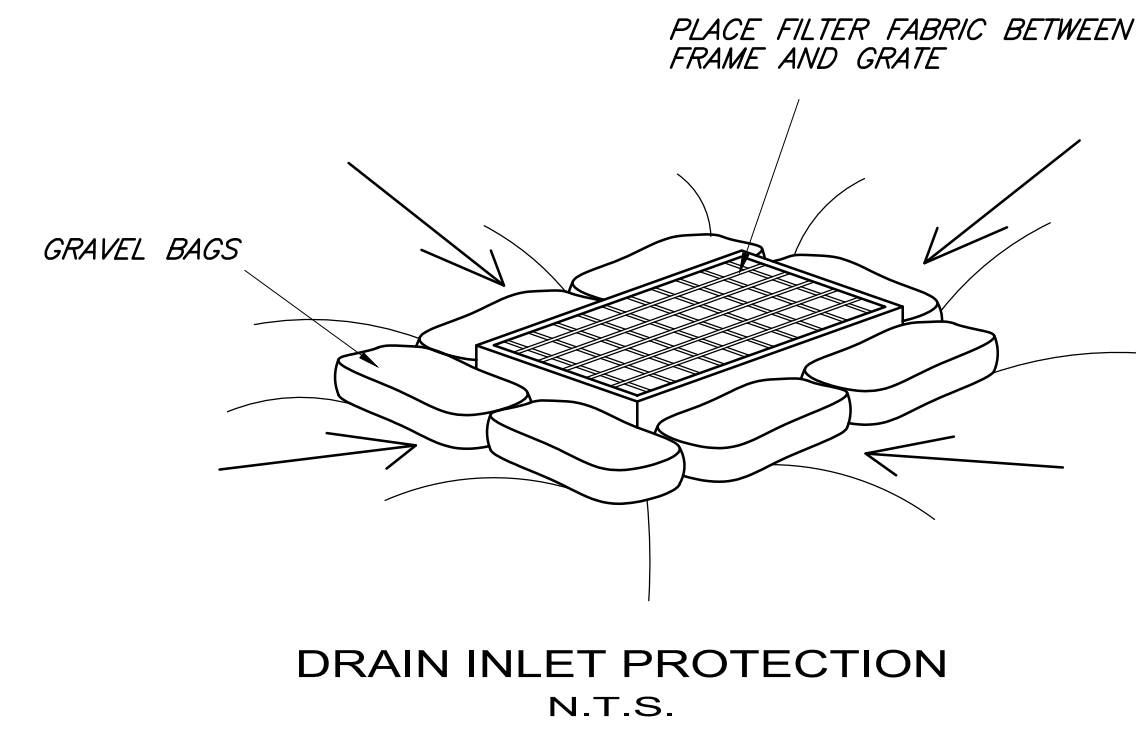
CURB INLET WITH SAND BAGS AND FILTER FABRIC
N.T.S.

BEST MANAGEMENT PRACTICES SHOWN HERE IN "CONTRA COSTA COUNTY MINIMUM EROSION AND CONTROL GUIDELINES" SHALL BE IMPLEMENTED AS DIRECTED BY THE INSPECTOR

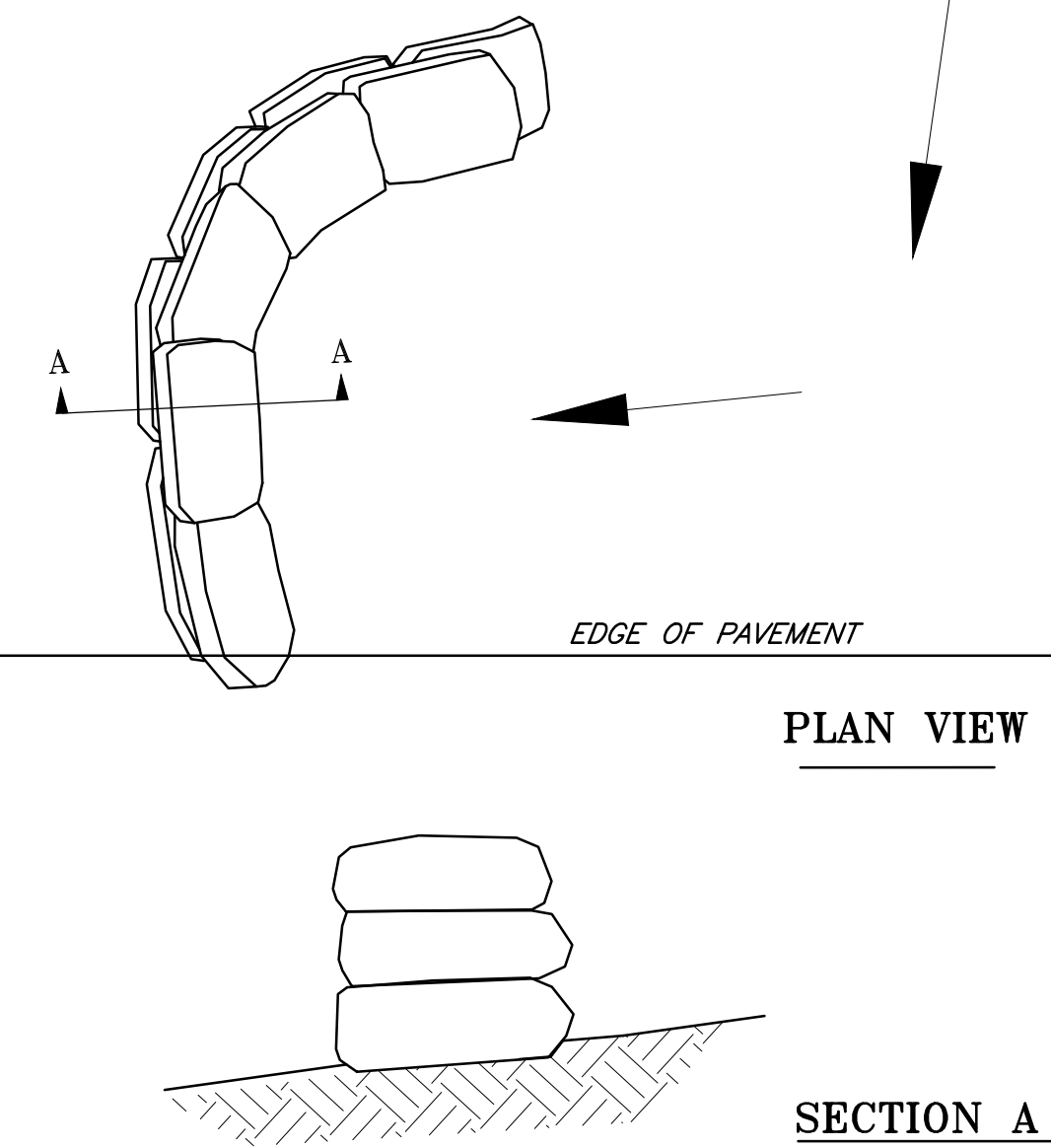


NOTE:
 1. FABRIC/STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

FABRIC/STRAW ROLL DETAIL
N.T.S.



DRAIN INLET PROTECTION
N.T.S.



- NOTES:
1. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
 2. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
 3. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT.

GRAVEL BAGS DIKE
N.T.S.



Izzat S. Nashashibi
 R.C.E. 29528

SCALE	NONE
DATE	02/02/23
DRAWN	SA/PE
CHECKED	IN
JOB NO.	06161

GRADING AND DRAINAGE PLAN
 BENNETT FAMILY TRUST - 300 KING DRIVE
 LOT 1-24, MAP OF DEWING PARK, 10 M 242
 CONTRA COSTA COUNTY
 CALIFORNIA

HUMANN COMPANY INC.
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