CONTRA COSTA COUNTY
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
COMMUNITY DEVELOPMENT DIVISION
30 Muir Road
Martinez, CA 94553-4601
Phone: 925-655-2700
Fax: 925-655-2758

CONTRA COSTA
CONSERVATION & DEVELOPMENT

AGENCY COMMENT REQUEST

Date 03/10/25

We request your comments regarding the attached application currently under review.

DISTRIBUTION

INTERNAL

- ✔ Building Inspection
- Grading Inspection
- Advance Planning
- Housing Programs
- Trans. Planning
- Telecom Planner
- ALUC Staff
- HCP/NCCP Staff
- County Geologist

HEALTH SERVICES DEPARTMENT

- ✔ Environmental Health
- Hazardous Materials

PUBLIC WORKS DEPARTMENT

- Engineering Services
- Special Districts
- Traffic
- Flood Control (Full-size)

LOCAL

- ✔ Fire District CONTRA COSTA
  - San Ramon Valley – (email) rwendel@srvfire.ca.gov
  - ✔ Consolidated – (email) fire@cccfpd.org
- ✔ Sanitary District WEST CO WASTEWATER
- ✔ Water District EBMUD
- ✔ City of RICHMOND
- School District(s) _____
- LAFCO
- Reclamation District # _____
- East Bay Regional Park District
- Diablo/Discovery Bay/Crockett CSD
- ✔ MAC/TAC EL SOBRANTE MAC
- ✔ El Sobrante Planning & Zoning Improvement/Community Association
- ✔ CC Mosquito & Vector Control Dist (email)

OTHERS/NON-LOCAL

- CHRIS (email only: nwic@sonoma.edu)
- CA Fish and Wildlife, Region 3 – Bay Delta
- Native American Tribes

ADDITIONAL RECIPIENTS

_____

_____

Please submit your comments to:

Project Planner Grant Farrington
Phone # (925) 655-2868
E-mail Grant.Farrington@dcd.cccounty.us
County File # CDDP25-03007

Prior to March 31, 2025

* * * * *

We have found the following special programs apply to this application:

- ✔ Landslide
- Active Fault Zone (A-P)
- ✔ Liquefaction
- Flood Hazard Area
- ✔ 60-dBA Noise Control
- CA EPA Hazardous Waste Site
- ✔ High or Very High FHSZ

* * * * *

AGENCIES: Please indicate the applicable code section for any recommendation required by law or ordinance. Please send copies of your response to the Applicant and Owner.

Comments: None Below ___ Attached

Print Name _____

_____
Signature DATE

Agency phone # _____

CONTRA COSTA
CONSERVATION & DEVELOPMENT

Planning Application Summary

County File Number: CDDP25-03007 **File Date: 3/3/2025**

Applicant:
Roberto Cortez Monarch Engineers
6518 Lonetree Boulevard, Suite 162
ROCKLIN, CA 95765
rc@monarchengineers.com
(707) 333-1371

Property Owner:
TERRACE WARD PR CREEKSIDE
5038 SAN PABLO DAM RD
EL SOBRANTE, CA 948033327
barry@kalcoproperties.com
(415) 472-0900

Project Description:
Request approval of a Development Plan to construct retaining walls in M-29 zoned parcel and request approval of Tree Permit to remove one code-protected tree.

Project Location: (Address: 5030 SAN PABLO DAM RD, EL SOBRANTE, CA 948033323), (APN: 435080002)

Additional APNs:

General Plan Designation(s): RC:RMH

Flood Hazard Areas: X

60-dBA Noise Control: 60 dBA/X

Sphere of Influence: Richmond

Sanitary District: WEST CO WASTEWATER

Specific Plan: N/A

Zoning District(s): M-29

AP Fault Zone: SHZ: Liquefaction/Landslide

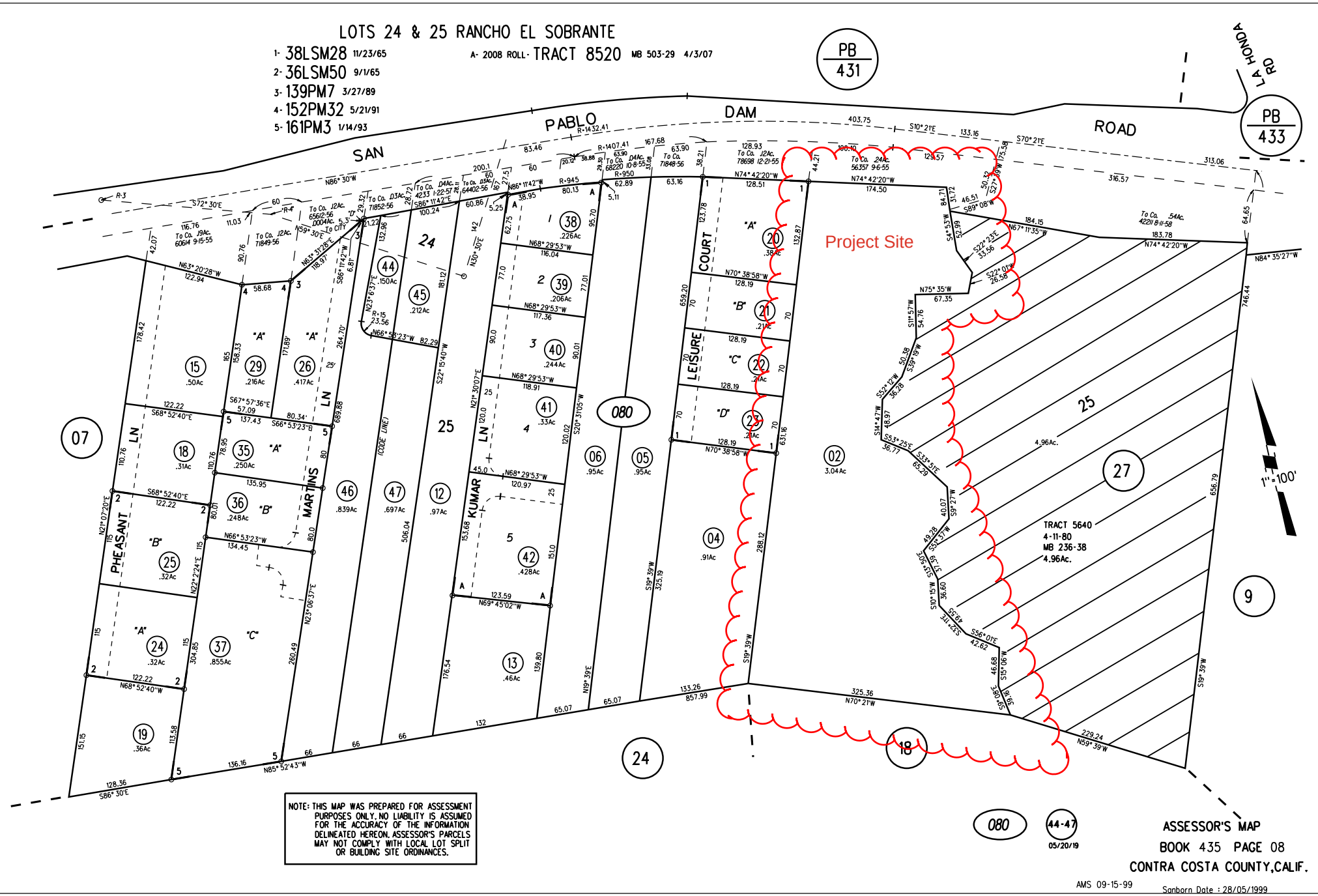
MAC/TAC: EL SOBRANTE MAC

Fire District: CONSOLIDATED FIRE

Housing Inventory Site: NO

Fees:

Fee Item	Description	Account Code	Total Fee	Paid
048F	Fish & Wildlife Fee ($75)	002606-9660-REV-000-5B048F	75.00	75.00
052B	Notification Fee ($30)	002606-9660-REV-000-5B052B	30.00	30.00
DP016A	Dev Plan Minor Modification (Administrative)	002606-9660-REV-000-5B016A	1500.00	1500.00
		Total:	**1605.00**	**1605.00**


LOTS 24 & 25 RANCHO EL SOBRANTE
1- 38LSM28 11/23/65
2- 36LSM50 9/1/65
3- 139PM7 3/27/89
4- 152PM32 5/21/91
5- 161PM3 1/14/93
A- 2008 ROLL- TRACT 8520 MB 503-29 4/3/07
PB 431
PB 433
SAN PABLO DAM ROAD
LA HONDA RD
Project Site
PHEASANT LN
MARTINS LN
KUMAR LN
LEISURE COURT
TRACT 5640
4-11-80
MB 236-38
4.96Ac.
1"=100'
NOTE: THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE INFORMATION DELINEATED HEREON. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL LOT SPLIT OR BUILDING SITE ORDINANCES.
ASSESSOR'S MAP
BOOK 435 PAGE 08
CONTRA COSTA COUNTY, CALIF.
AMS 09-15-99
Sanborn Date : 28/05/1999

General Plan: Residential Medium-High Density (RMH)

Map Legend

- Assessment Parcels
- Planning Layers (DCD)
- General Plan
  - RL (Residential Low Density) (1-3 du/na)
  - RLM (Residential Low-Medium Density) (3-7 du/na)
  - RM (Residential Medium Density) (7-17 du/na)
  - RMH (Residential Medium-High Density) (17-30 du/na)
  - MUL (Mixed-Use Low) (10-30 du/na) (1.0 FAR)
  - PS (Public and Semi-Public)
  - RC (Resource Conservation)
  - City Limits

This map is a user generated, static output from an internet mapping application and is intended for reference use only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
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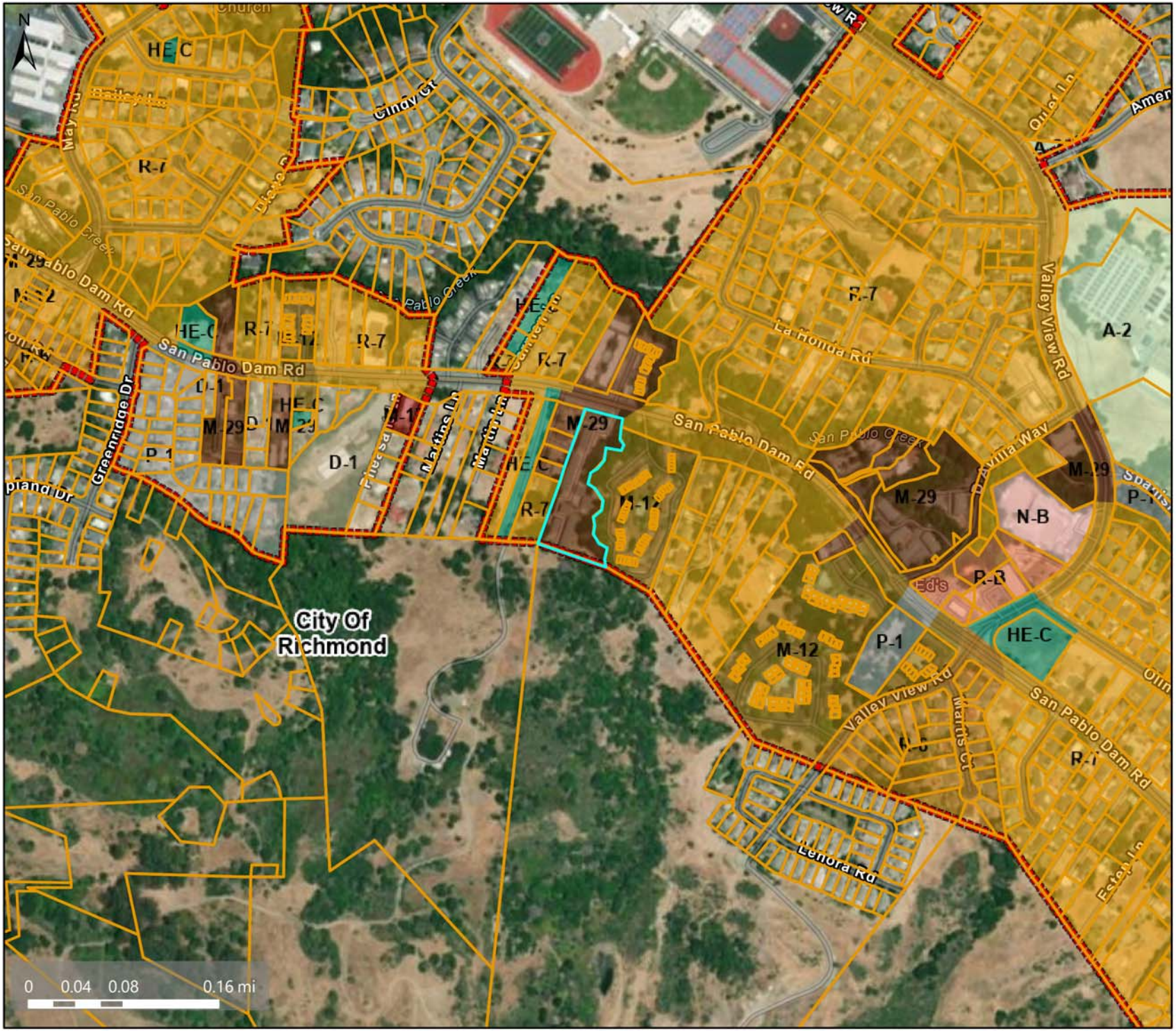
Spatial Reference
PCS: WGS 1984 Web Mercator Auxiliary Sphere
Datum: WGS 1984

Credits: Contra Costa County Development of Conservation and Department, Esri Community Maps Contributors, California State Parks, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, U

Zoning: Multiple Family Residential (M-29)



Map Legend

- Assessment Parcels
- Planning Layers (DCD)
- Zoning
- ZONE_OVER
  - R-6 (Single Family Residential)
  - R-7 (Single Family Residential)
  - D-1 (Two Family Residential)
  - M-12 (Multiple Family Residential)
  - M-17 (Multiple Family Residential)
  - M-29 (Multiple Family Residential)
  - A-2 (General Agriculture)
  - N-B (Neighborhood Business)
  - R-B (Retail Business)
  - P-1 (Planned Unit)
  - HE-C (Housing Element Consistency)
  - City Limits

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Aerial Map

Map Legend

- Assessment Parcels
- Planning Layers (DCD)
- City Limits

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DRIVEWAY REPAIR

REPLACE EXISTING RETAINING WALL
5030 SAN PABLO DAM ROAD
EL SOBRANTE, CA, 94803

RECEIVED on 03/03/2025 CDDP25-03007
By Contra Costa County
Department of Conservation and Development

PROJECT REFERENCE NUMBERS

ASSESSOR'S PARCEL NUMBER (A.P.N.): 435-080-002

PERMIT SUBMITTAL NUMBER: BISUB24-03064

PROJECT SCOPE

1. REMOVE AND REPLACE EXISTING CONCRETE DRIVEWAY.
2. REMOVE THE REMAINS OF THE EXISTING WOOD RETAINING WALL.
3. BUILD A NEW SOLDIER PILE RETAINING WALL W/ CONCRETE LAGGING PANELS.

GENERAL NOTES

1. ALL DETAILS OF CONSTRUCTION SHALL CONFORM WITH THE 2022 EDITION OF THE CALIFORNIA BUILDING CODE.
2. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, TEMPORARY SUPPORTS, ETC. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE PRIOR TO THE APPLICATION OF ALL SHEAR WALLS, FLOOR SHEATHING, STRUCTURAL ELEMENTS AND FINISH MATERIALS.
3. THE GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, LOCATION OF NEW FRAMING MEMBERS, LINES OF SUPPORT, LOCATIONS OF ANCHOR BOLTS, HOLDOWNS, EXISTING SITE CONDITIONS AND UTILITIES PRIOR TO CONSTRUCTION.
4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION, DEMOLITION MEANS AND METHODS ON THE PROJECT. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR HOW THE WORK IS PERFORMED, SAFETY, OR NEGLIGENT ACTS OR OMISSIONS BY THE OWNER, GENERAL CONTRACTOR, OR THEIR SUB- CONTRACTORS ON THE PROJECT.
5. THE GENERAL CONTRACTOR SHALL ENSURE THAT ALL MATERIALS, AS REQUIRED BY CODE, ARE TESTED BY INDEPENDENT LABORATORIES AND THAT RESULTS ARE FURNISHED TO LOCAL BUILDING AUTHORITIES, OWNER AND PROJECT CONSULTANTS.
6. ADDITIONAL ON-SITE FIRE PROTECTION DURING CONSTRUCTION TO BE PROVIDED AS REQUIRED BY FIRE MARSHALL.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING, RELOCATING AND/OR REMOVAL OF EXISTING UTILITIES.
8. DOCUMENTS MARKED "BID DOCUMENTS" SHALL NOT BE USED FOR CONSTRUCTION.
9. ANY CHANGES TO THESE DOCUMENTS OR THE DESIGN AFTER THE ISSUANCE OF A BUILDING PERMIT SHALL BE SUBMITTED TO THE PRESIDING BUILDING AGENCY FOR APPROVAL BY THE GENERAL CONTRACTOR.
10. EXISTING HVAC SYSTEM TO REMAIN.

PROJECT DIRECTORY

CLIENT:

MR. BARRY LEVY
KALCO PROPERTIES
77 MARK DR. STE. 20
SAN RAFAEL, CA 94903
TEL. 415-472-0900

CONTRACTOR:

-
-
-
-
TEL: -

DESIGNER:

MR.ROBERTO CORTEZ, PE, CASp
MONARCH ENGINEERS
425 VIRGINIA STREET SUITE B
VALLEJO, CA 94590
TEL: 415-448-6073 OR TEL: 707-648-9571

REVISION HISTORY

	DATE	DESCRIPTION
1	10/31/24	BUILDING DEPARTMENT COMMENTS
	-	-
	-	-
	-	-

DRAWING INDEX

CS-1.0 COVER SHEET
CS-1.1 ARBORIST REPORT
CS-1.2 ARBORIST REPORT
1 CS-1.3 ARBORIST REPORT

CIVIL

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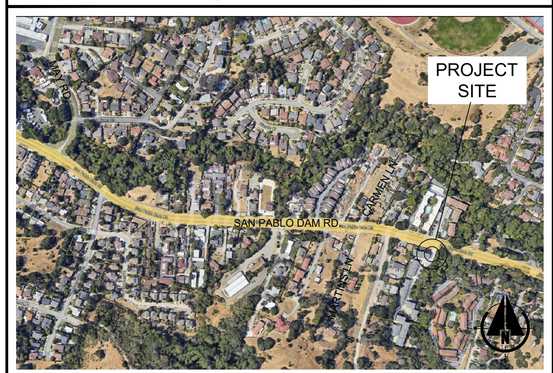
C-1.1 PARCEL SITE MAP
C-2.0 EXISTING CONDITIONS
C-2.1 EXISTING SITE PLAN AND DEMOLITION PLAN
C-2.2 EXISTING DRIVEWAY SECTIONS
C-3.0 PROPOSED SITE PLAN AND RETAINING WALL LAYOUT
1 RETAINING WALL - ELEVATION VIEW
C-3.1 PROPOSED DRIVEWAY SECTIONS
C-4.0 STORMWATER POLLUTION PREVENTION PLAN.
C-4.1 DETAILS

APPROVAL STAMPS

VICINITY MAP



CODE DATA

BUILDING CODES:	2022 CALIFORNIA BUILDING CODE (CBC) 2022 CALIFORNIA PLUMBING CODE (CPC) 2022 CALIFORNIA ELECTRICAL CODE (CEC) 2022 CALIFORNIA FIRE CODE (CFC) 2022 CALIFORNIA ENERGY CODE (CEnC) 2022 CALIFORNIA GREEN BUILDING CODE (CAL GREEN)
CONSTRUCTION TYPE:	V-B
OCCUPANCY:	R-2
ZONING:	1 M-29; MULTIPLE FAMILY RESIDENTIAL DISTRICT
BUILDING AREA:	N/A
REPAIRED AREA:	1,934 SQFT

DRAWING LEGEND

- 1 / A-12 — DETAIL REFERENCE
- 1 / A-7 — WALL SECTION
- A / A-7 — BUILDING SECTION
- 1/A-4 — EXTERIOR ELEVATION KEY
- 4 / A-1 / 2 / 3 — INTERIOR ELEVATION KEY
- 2 — CAMERA ANGLE
- A — STRUCTURAL GRID
- 1 — SHEET NOTE
- 101 — ROOM NUMBER
- 1 — WINDOW NUMBER, SEE WINDOW SCHEDULE
- A — DOOR NUMBER, SEE DOOR SCHEDULE
- P-1 — FINISH/COLOR, SEE COLOR SCHEDULE
- 1 — REVISION NUMBER
- AC1 / A-1 — EQUIPMENT, SEE EQUIPMENT SCHEDULE

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425 Virginia Street
Suite B
Vallejo, CA 94590

DESCRIPTION: COVER SHEET

DRIVEWAY REPAIR
5030 SAN PABLO DAM ROAD
EL SOBRANTE, CA 94803

REGISTERED PROFESSIONAL ENGINEER
ROBERTO CORTEZ
No. 015791
Exp. 6/30/26
CIVIL
STATE OF CALIFORNIA

Design by: R. Cortez P.E. CASp	Drawn by: K. Perry
Checked by: R. Cortez P.E. CASp	Approved by: R. Cortez P.E. CASp
Date: 07/31/24	Scale: As Noted

REVISIONS

No.	Date	By
1	10/31/24	D.R.

Job No. –

CS-1

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January 27, 2025

Arborist Report 5030 San Pablo Dam Rd. El Sobrante, CA

Prepared for:

Monarch Engineers
Roberto Cortez

Prepared By: Dustin Waraner
ISA Certified Arborist #WE7372A
ISA Qualified Risk Assessor

January 27, 2025

Site: **5030 San Pablo Dam Rd. El Sobrante**

Arborist Report

Dear Mr. Cortez

Thank you for allowing me the opportunity to address your arboriculture needs. I have provided a health and hazard inspection, including specific preservation measures during construction of 18 specified trees located near proposed construction zone.

If you have any further questions concerning this matter, please do not hesitate to contact me.

Respectfully submitted,

Dustin Waraner
ISA Certified Arborist #WE7372A
ISA Qualified Risk Assessor

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Vallejo, CA 94590

DESCRIPTION: ARBORIST REPORT

DRIVEWAY REPAIR
5030 SAN PABLO DAM ROAD
EL SOBRANTE, CA 94803

REGISTERED PROFESSIONAL ENGINEER
ROBERTO CORTEZ
No. C057914
Exp. 6/30/26
CIVIL
STATE OF CALIFORNIA

Design by: R. Cortez P.E. OASp	Drawn by: K. Perry
Checked by: R. Cortez P.E. OASp	Approved by: R. Cortez P.E. OASp
Date: 07/31/24	Scale: As Noted

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Assignment

1. Perform site inspection, review plans for proposed construction of retaining wall.
2. Inspect 18 specified trees located at the property near proposed construction zone.
3. Evaluate supporting buttress and root structures to determine stability, risk of future failure, internal decay, bark inclusion and tree structures.
4. Determine trees state of health and liability to the surrounding persons and/or property.
5. Inspect canopies and make recommendation for pruning or removal based on trees condition.
6. Determine trees ability to withstand proposed construction and make recommendations of proper preservation measures during construction of proposed retaining wall.

On December 16, 2024 18 specified trees located at 5030 San Pablo Dam in El Sobrante were evaluated to determine their safety and liability to surrounding properties. Despite the conclusions and recommendations made in this report, it must be realized that trees are living organisms and their health constantly changes over time. They are not immune to changes from location conditions or variations in the weather. This tree assessment is based on my opinion, experience, and knowledge.

Methodology

These trees were evaluated with guidelines established by the International Society of Arboriculture's Tree Hazard Evaluation Form and the Tree Condition Assessment Form used for tree appraisals. The health assessments were performed without excavation or internal examination such as coring or drilling.

Qualifications

The Arborist Practitioner is an International Society of Arboriculture (ISA) Certified Arborist, must have a State of California Contractors License for tree service (C61-d49) and provide proof of workman's compensation and liability insurance.

All pruning of trees shall be in accordance with the tree pruning guidelines as established by the International Society of Arboriculture and adhere to the most recent edition of the American National Standards Institute for Tree, Shrub and Other Woody plant Maintenance (ANSI A300).

Subject Trees

Tree #1-3 Coastal Live Oak *(Quercus agrifolia)*
- **DBH (diameter at breast height):** 15-32''
- **Canopy Spread:** 10-15' to the south
- **Location:** North east side of property near sidewalk.
- **Health:** Fair
- **Tree Condition:** Fair
- **Comments:** Trees are within 8-15' of existing retaining wall, Ivy along trunk.

Tree #4-8 California Bay *(Umbellularia californica)*
- **DBH (diameter at breast height):** 10-32''
- **Canopy Spread:** 10-15', canopy leans to the west
- **Location:** East side of property near sidewalk and driveway.
- **Health:** Fair
- **Tree Condition:** Fair
- **Comments:** Ivy along trunks, tree #7 has multi stems with bark inclusion.

Tree #9-12 Coastal Live Oak *(Quercus agrifolia)*
- **DBH (diameter at breast height):** 10-24''
- **Canopy Spread:**
- **Location:** East side of property near railing, retaining wall and trash bin.
- **Health:** Fair
- **Tree Condition:** Fair
- **Comments:** Tree trunks are within 4-6' of retaining wall with excess Ivy along trunks, there is trash debris below.

Subject Trees

Tree #13 California Bay *(Umbellularia californica)*
- **DBH (diameter at breast height):** 12
- **Canopy Spread:** 10' on center
- **Location:** East side below retaining wall
- **Health:** Good
- **Tree Condition:** Fair
- **Comments:** Tree trunk and canopy have Ivy.

Tree #14 Coastal Live Oak *(Quercus agrifolia)*
- **DBH (diameter at breast height):** 32'' multistem
- **Canopy Spread:** 10-15' to the west
- **Location:** East side of property below retaining wall.
- **Health:** Fair
- **Tree Condition:** Fair
- **Comments:** The specified tree has excess weight to the west, Ivy on trunk.

Tree #15 Wild Plum *(Prunus americana)*
- **DBH (diameter at breast height):** 18''
- **Canopy Spread:** 10' to the west
- **Location:** East side below retaining wall
- **Health:** Fair
- **Tree Condition:** Fair
- **Comments:** Tree canopy shows decline.

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DESCRIPTION: ARBORIST REPORT

DRIVEWAY REPAIR
5030 SAN PABLO DAM ROAD
EL SOBRANTE, CA 94803

REGISTERED PROFESSIONAL ENGINEER
ROBERTO CORTEZ
No. 097914
Exp. 6/30/26
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STATE OF CALIFORNIA

Design by: R. Cortez P.E. CASp	Drawn by: K. Perry
Checked by: R. Cortez P.E. CASp	Approved by: R. Cortez P.E. CASp
Date: 07/31/24	Scale: As Noted

REVISIONS

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Job No. –

CS-1.2

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Subject Trees

Tree #16 California Bay ***(Umbellularia californica)***

- **DBH (diameter at breast height):** 36''
- **Canopy Spread:** 15-20' to south west
- **Location:** East side below retaining wall.
- **Health:** Fair
- **Tree Condition:** Fair
- **Comments:** 15' of retaining wall, Ivy along trunk.

Tree #17 Coastal Live Oak ***(Quercus agrifolia)***

- **DBH (diameter at breast height):** 24''
- **Location:** East side below retaining wall.
- **Health:** Dead
- **Tree Condition:** Dead
- **Comments:** 15' of retaining wall, previous heading cuts.

Tree #18 California Bay ***(Umbellularia californica)***

- **DBH (diameter at breast height):** 36''
- **Location:** East side below retaining wall.
- **Health:** Fair
- **Tree Condition:** Fair
- **Comments:** Ivy along trunk, heavy laterals over retaining wall, 15' of retaining wall.

Recommend Specifications

After reviewing site and proposed plans it is evident that all digging and construction will be performed outside the dripline of trees. However specific preservation measures should be performed to reduce impact of trees. All trees shall have all soil near trunk flare left to original soil grade. The proposed construction involves removal of existing retaining wall and installing new concrete retaining wall. The specified trees 1-18 are between 4 & 15'back from existing retaining wall. Tree driplines are outside of digging location. If proper preservation measures are followed, the specified trees will not be impacted.

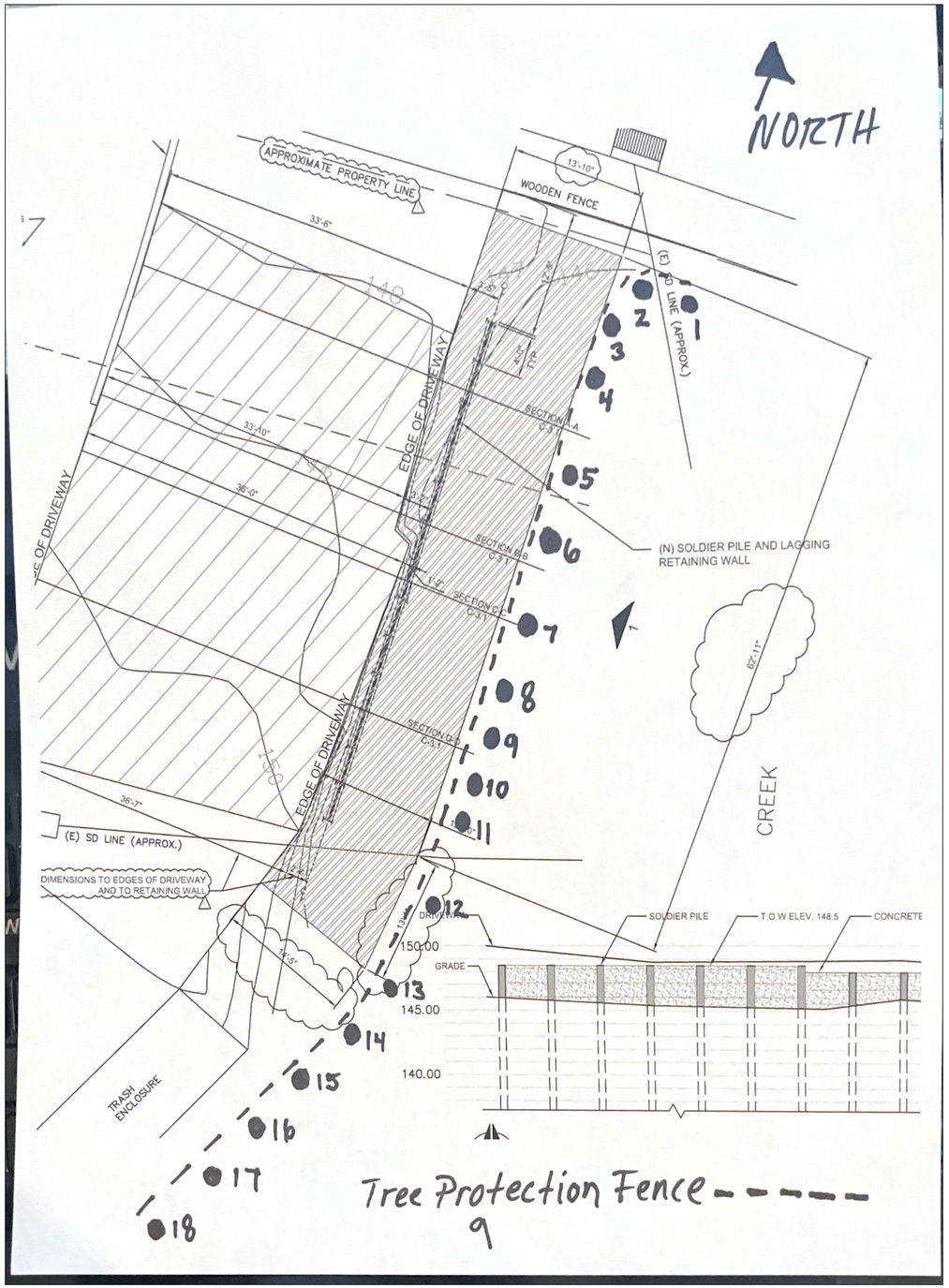
Proper preservation measures should be as follows. No excavation shall be performed within dripline of trees. If excavation within the dripline shall be performed, hand tools and care shall be taken to preserve all trunk bark intact once project arborist determines where excavation shall occur.

Tree protection fencing should be installed to protect CRZ (critical root zone) and drip line. Tree protection fencing will be constructed of 4ft. orange fencing with steel posts driven 12 inches below grade every 10ft. (see site map). It would be advised to remove deadwood from tree tops and canopies, elevate and reduce lower limbs to prevent damage during construction. Moreover, trees #12 & 13 with codominant leaders should be removed to one stem. All Ivy should be removed from tree canopies and trunks. Tree #17 is dead and should be removed.

All pruning shall be performed by ISA certified personal only and under the direction of the protect Arborist. If proper preservation measures are followed, these trees have a moderate to high survival rate. Certain construction activities should be limited within the tree protection zone as follows:

No equipment, storage, dumping, grading or excavation should be permitted within the designated tree protection zones without the prior written approval of the consulting arborist.

Tree fencing shall not be moved, and left in place at all times.



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DESCRIPTION: ARBORIST REPORT

DRIVEWAY REPAIR
5030 SAN PABLO DAM ROAD
EL SOBRANTE, CA 94803

REGISTERED PROFESSIONAL ENGINEER
ROBERTO CORTEZ
No. C057814
Exp. 6/30/26
CIVIL
STATE OF CALIFORNIA

Design by: R. Cortez P.E. CASp	Drawn by: K. Perry
Checked by: R. Cortez P.E. CASp	Approved by: R. Cortez P.E. CASp
Date: 07/31/24	Scale: As Noted

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CS-1.3

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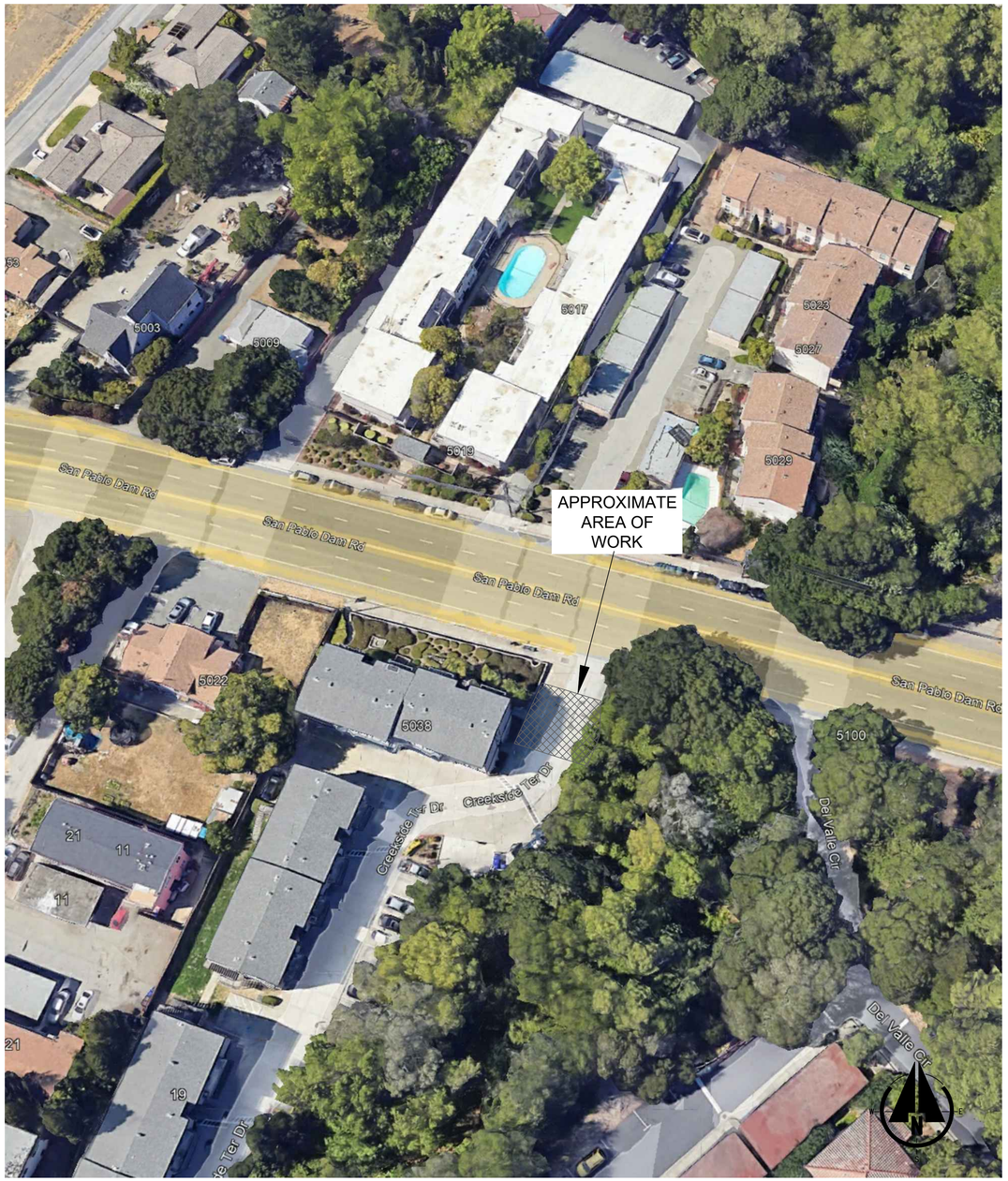
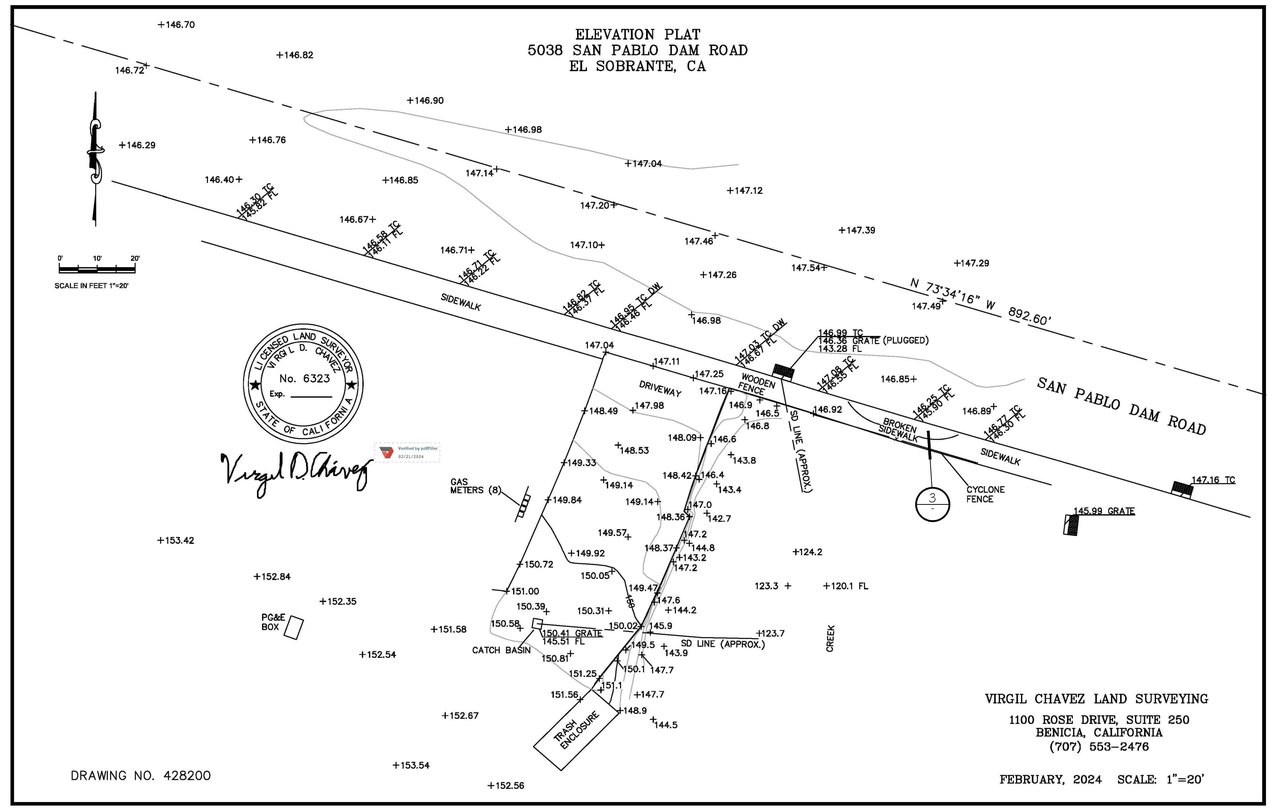


2 SITE MAP
SCALE: NTS



NOTE:
PICTURES OF THE SECTION OF THE SIDEWALK THAT IS BROKEN AND SHOWING SIGNS OF SINKING. THIS SERVES AS A RECORD TO SHOW THAT ANY WORK UNDER THIS PERMIT DID NOT CAUSE THE DAMAGE TO THE EXISTING SIDEWALK

3 DAMAGED SIDEWALK
SCALE: NTS

1 SURVEY AND TOPO MAP
SCALE: 1"=20'

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DESCRIPTION: SURVEY AND TOPO MAP
SITE MAP

DRIVEWAY REPAIR
5030 SAN PABLO DAM ROAD
EL SOBRANTE, CA 94803

REGISTERED PROFESSIONAL ENGINEER
ROBERTO CORTEZ
No. C057814
Exp. 6/30/26
CIVIL
STATE OF CALIFORNIA

Design by: R. Cortez P.E. CASp	Drawn by: K. Perry
Checked by: R. Cortez P.E. CASp	Approved by: R. Cortez P.E. CASp
Date: 07/31/24	Scale: As Noted

REVISIONS

No.	Date	By
1	10/31/24	D.R.

Job No. –

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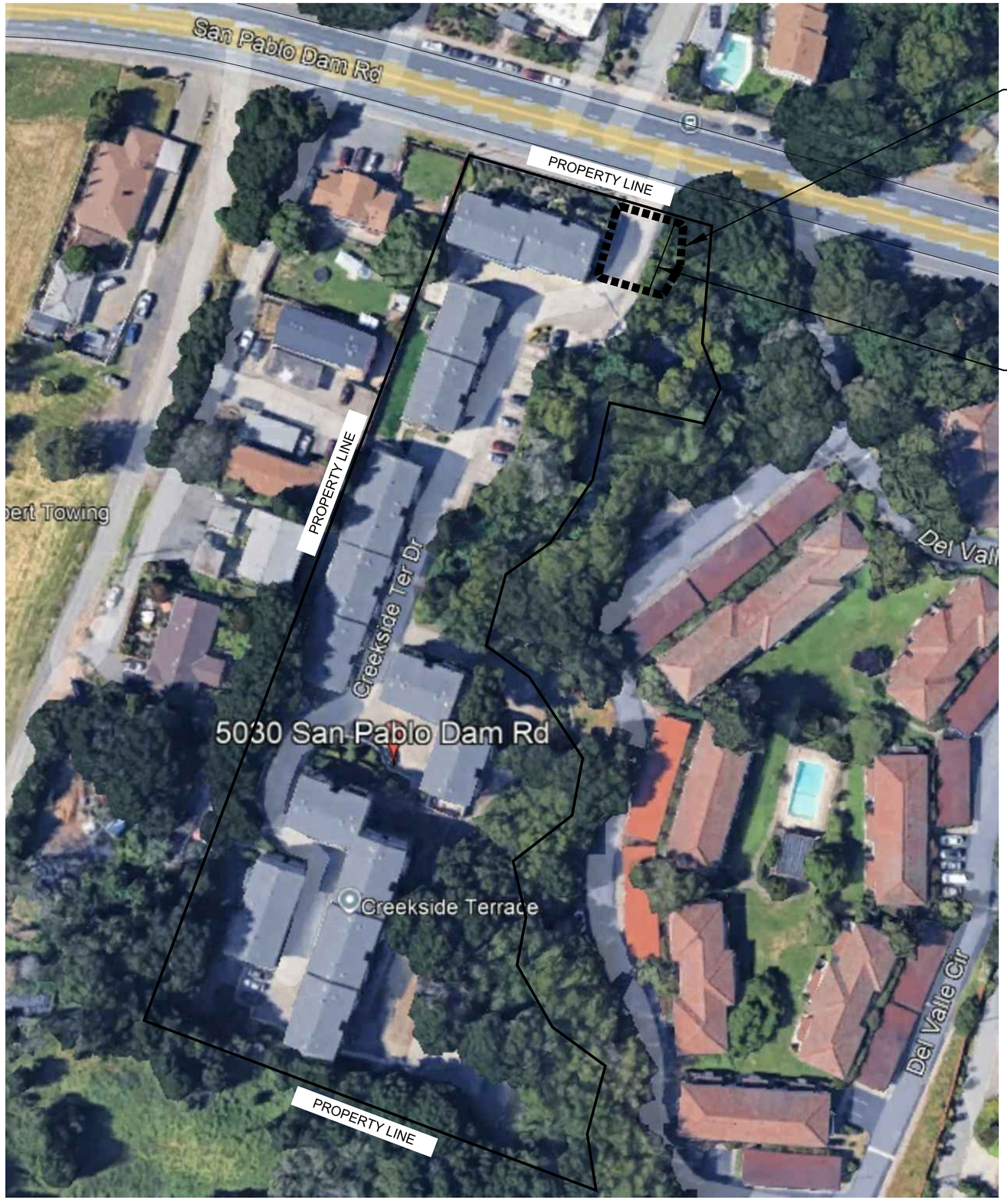

APPROXIMATE AREA OF WORK

PROPOSED RETAINING WALL

N

2 PARCEL SITE MAP

SCALE: 1" = 40'-0"

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DESCRIPTION: PARCEL SITE MAP

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EL SOBRANTE, CA 94803

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ROBERTO CORTEZ
No. C057914
Exp. 6/30/26
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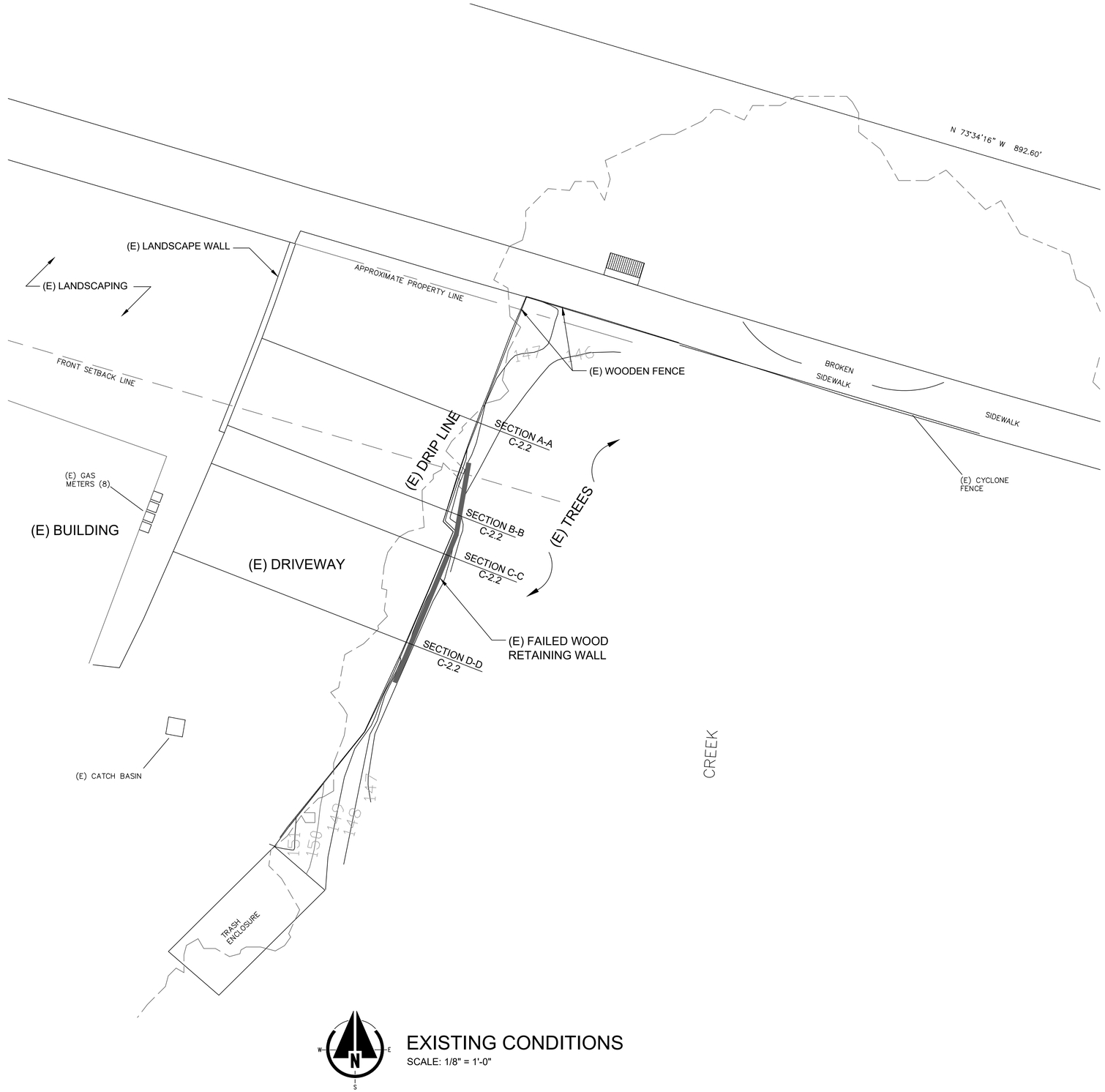
1 PICTURES OF TREES ALONG DRIVEWAY

SCALE: NTS



EXISTING CONDITIONS

SCALE: 1/8" = 1'-0"

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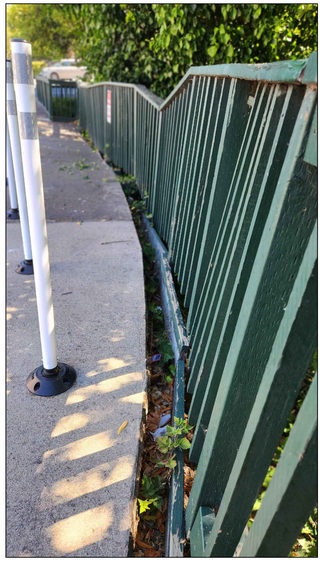
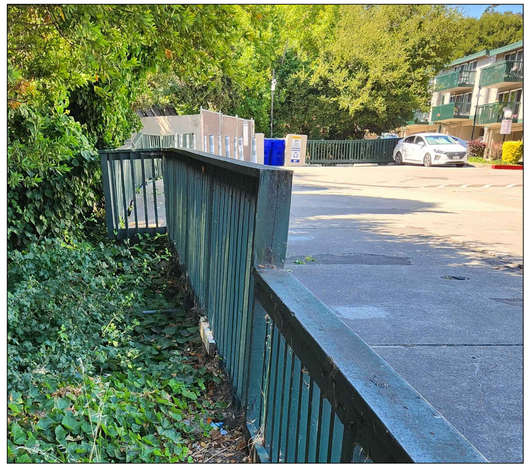


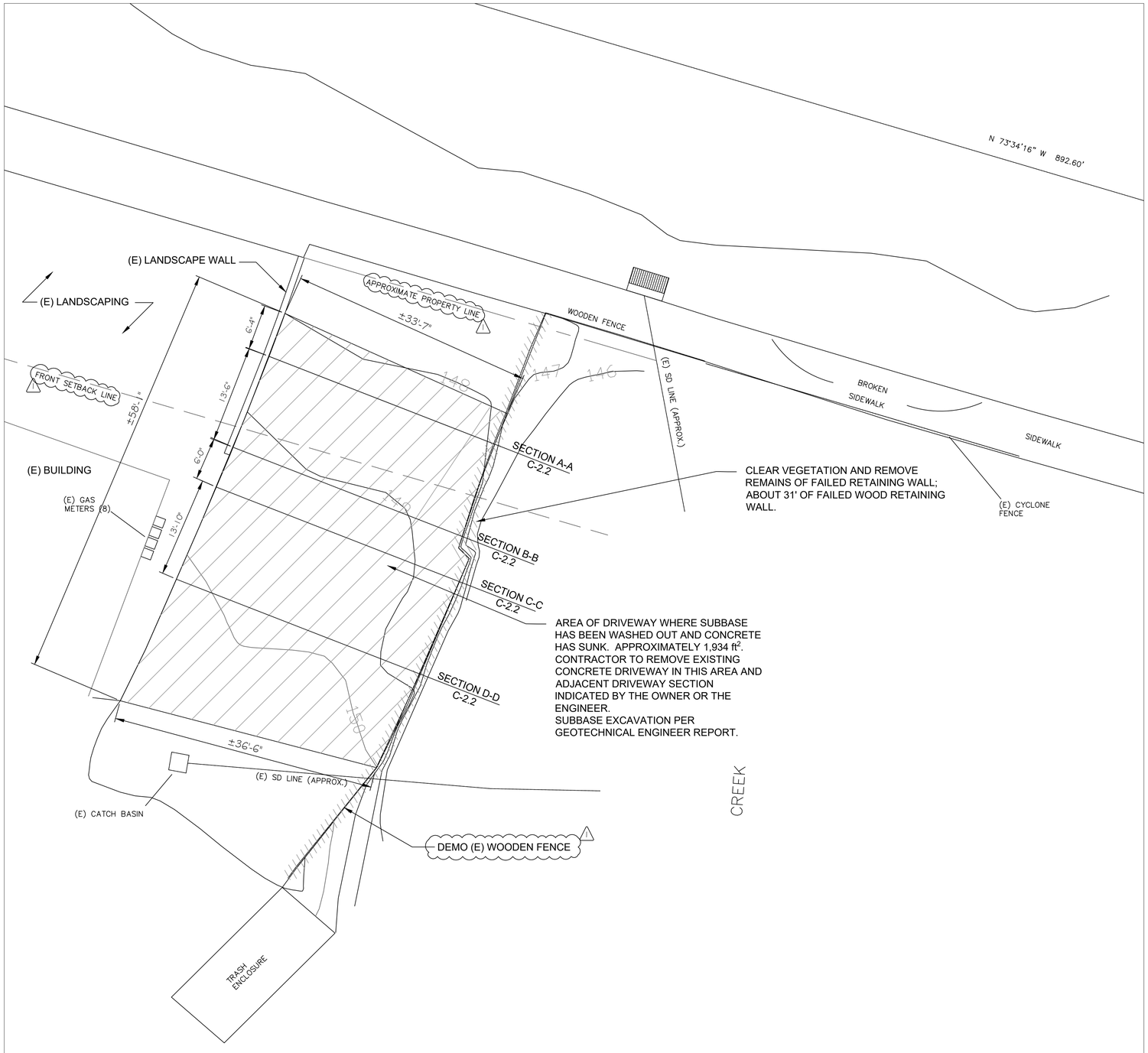


1 GENERAL PICTURES OF THE DRIVEWAY

SCALE: NTS

CONTACT 811 BEFORE YOU DIG — 811 — SAFE DIGGING PARTNER

NOTE:
CONTRACTOR SHALL FOLLOW 811 PROCEDURES.



EXISTING SITE PLAN & DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

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DESCRIPTION: EXISTING SITE PLAN
DEMOLITION PLAN

DRIVEWAY REPAIR
5030 SAN PABLO DAM ROAD
EL SOBRANTE, CA 94803

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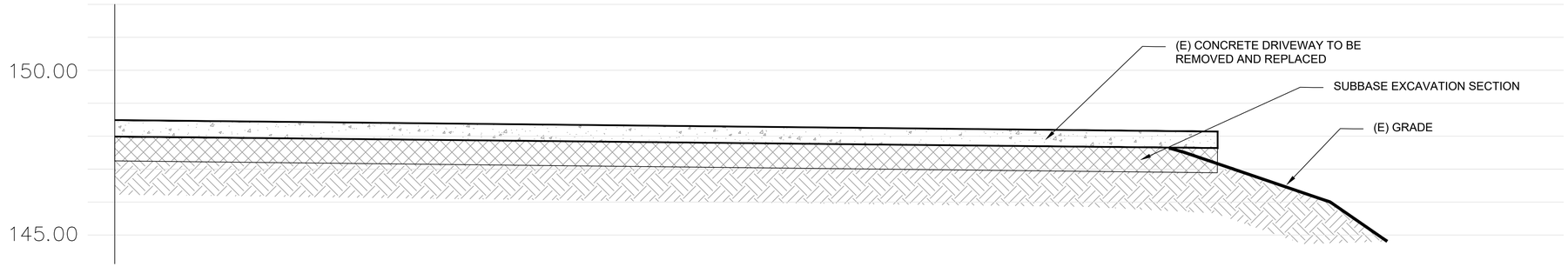
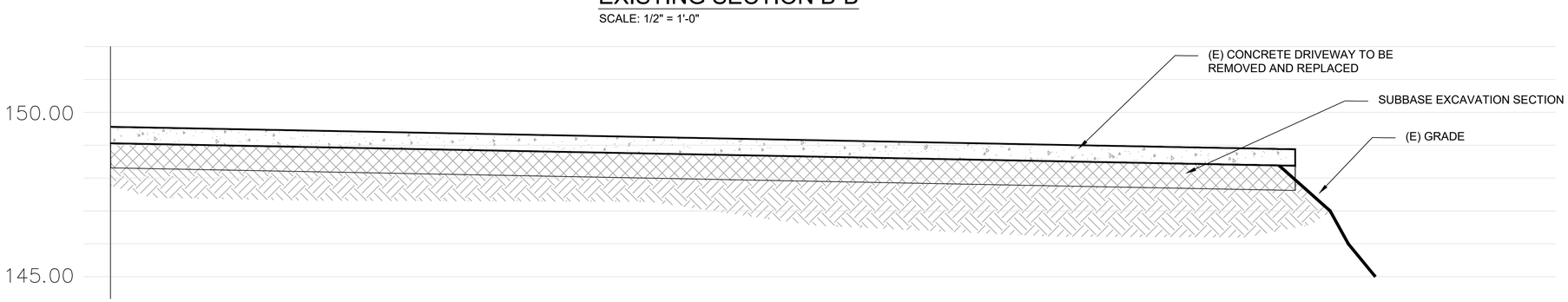


EXISTING SECTION A-A

SCALE: 1/2" = 1'-0"

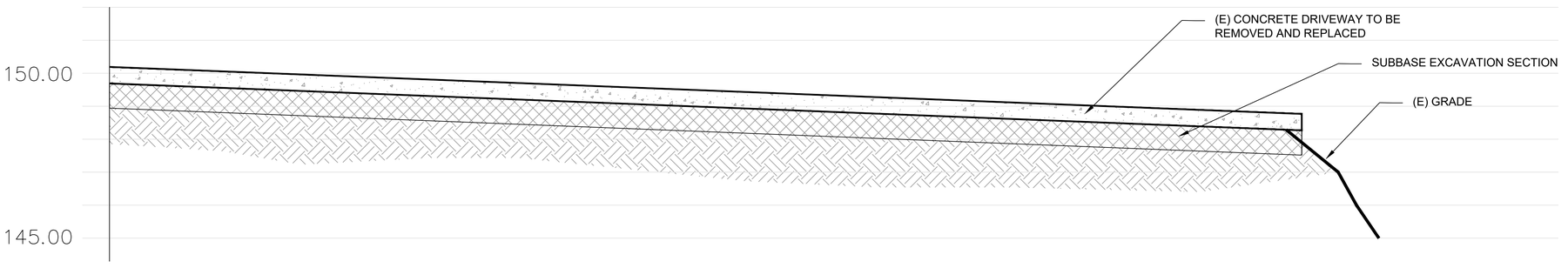
EXISTING SECTION B-B

SCALE: 1/2" = 1'-0"



EXISTING SECTION C-C

SCALE: 1/2" = 1'-0"



EXISTING SECTION D-D

SCALE: 1/2" = 1'-0"

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DESCRIPTION: EXISTING SITE SECTIONS

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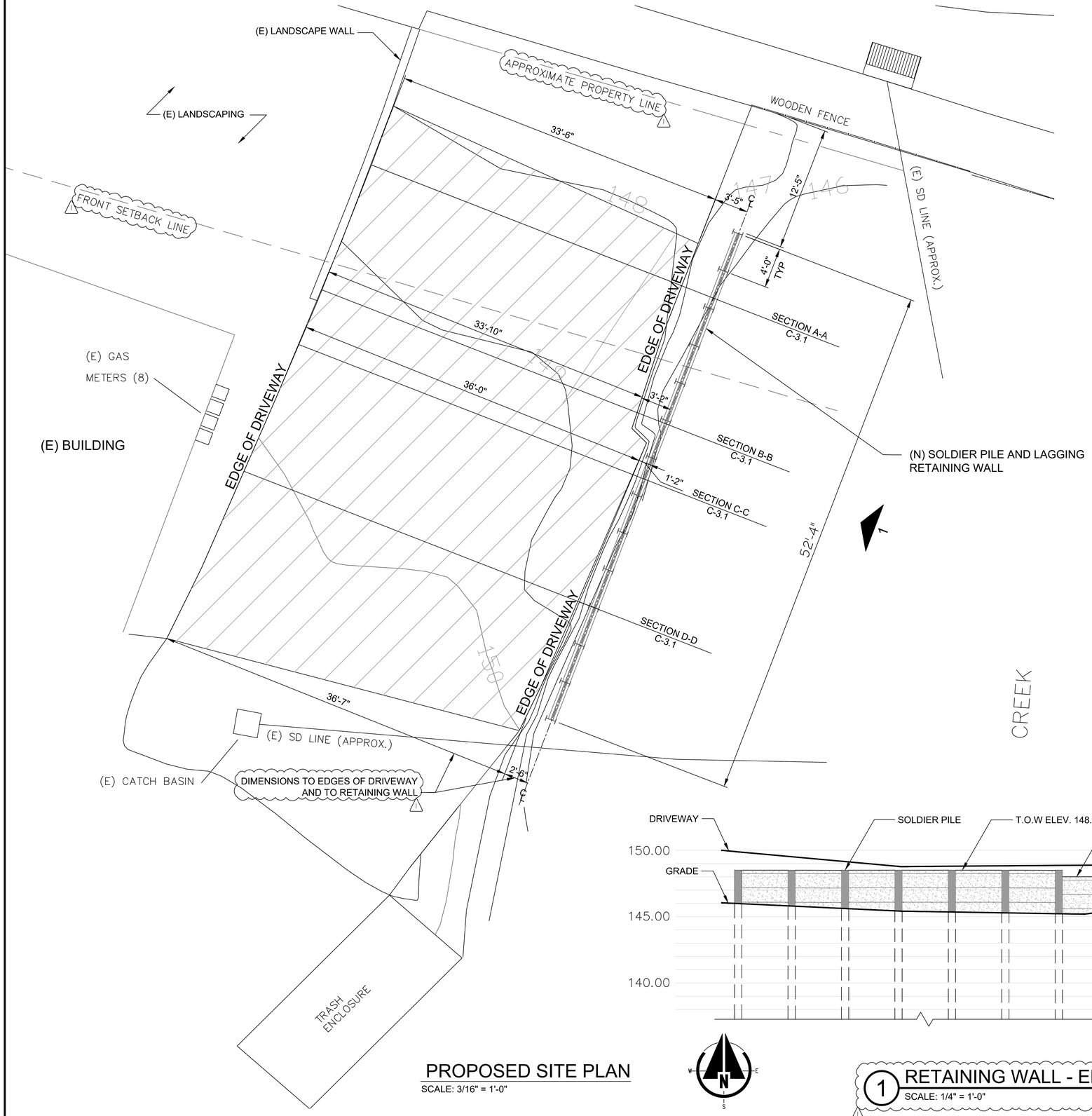
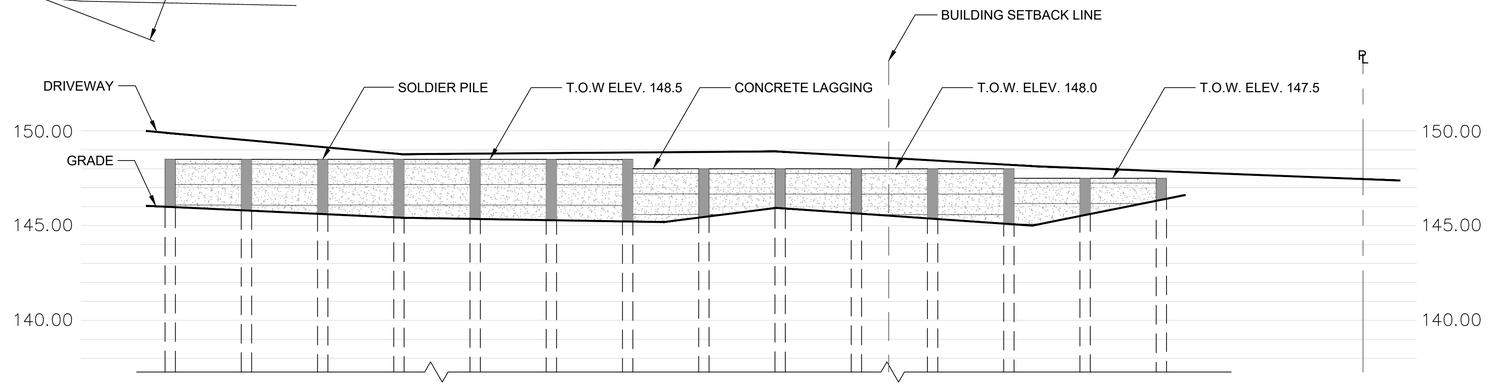


PROPOSED SITE PLAN

SCALE: 3/16" = 1'-0"



1 RETAINING WALL - ELEVATION VIEW

SCALE: 1/4" = 1'-0"

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DESCRIPTION: PROPOSED SITE PLAN
RETAINING WALL - ELEVATION VIEW

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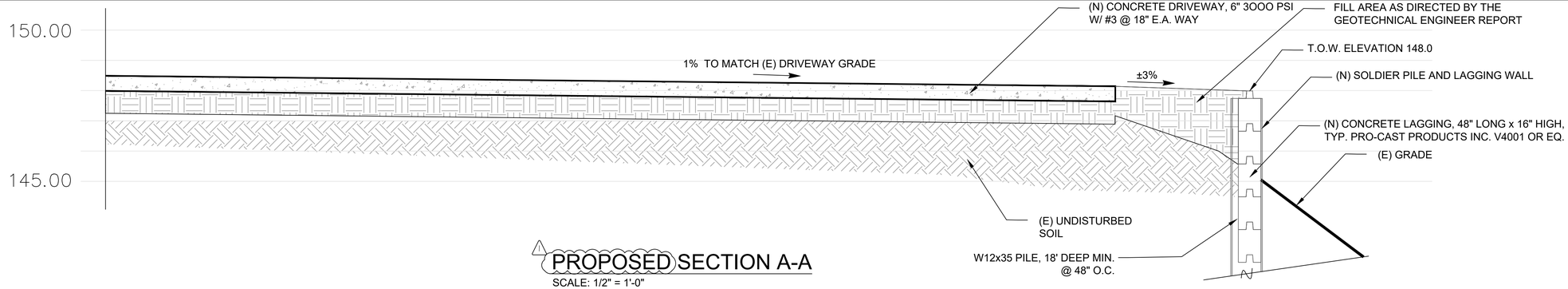
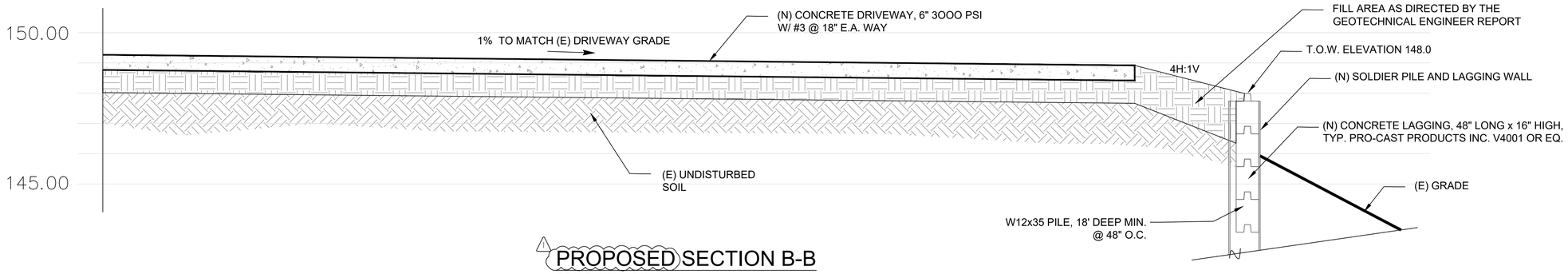


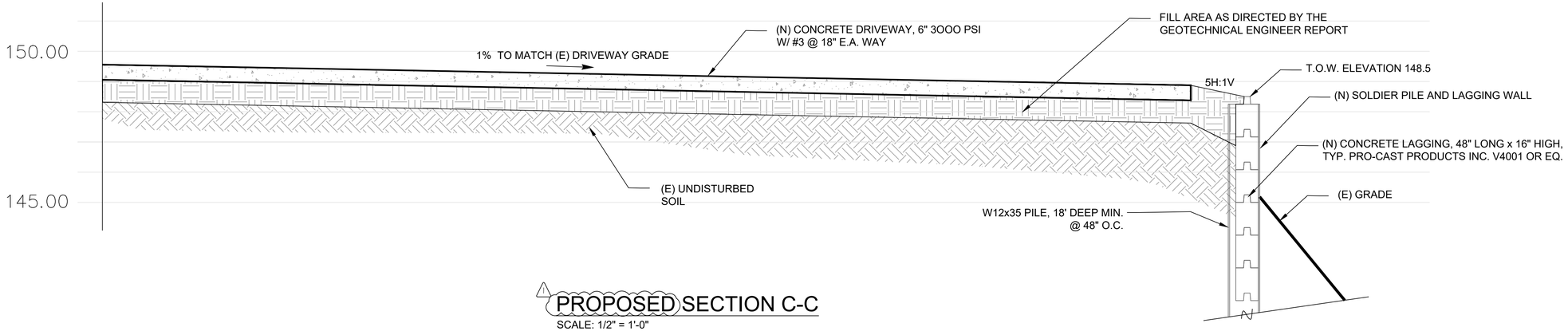
PROPOSED SECTION A-A

SCALE: 1/2" = 1'-0"



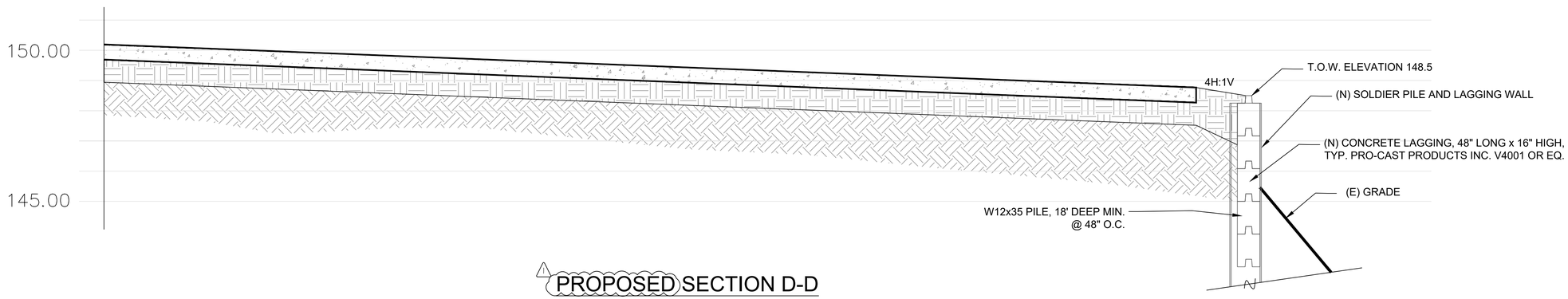
PROPOSED SECTION B-B

SCALE: 1/2" = 1'-0"



PROPOSED SECTION C-C

SCALE: 1/2" = 1'-0"



PROPOSED SECTION D-D

SCALE: 1/2" = 1'-0"

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DESCRIPTION: PROPOSED SITE SECTIONS

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STORMWATER POLLUTION PREVENTION PLAN

SCALE: 1/8" = 1'-0"

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DESCRIPTION: EXISTING SITE PLAN
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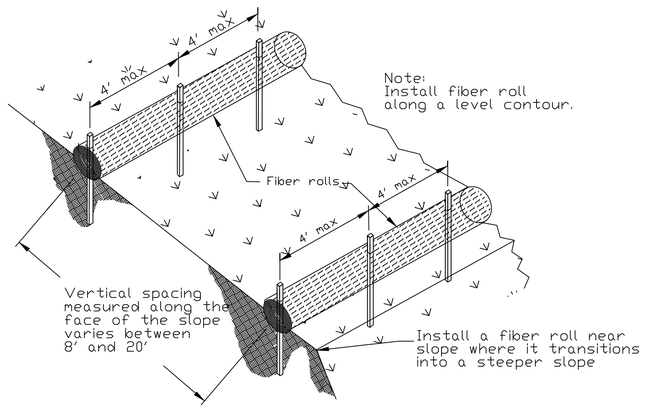
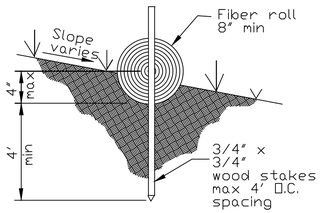


TYPICAL FIBER ROLL INSTALLATION

N.T.S.



ENTRENCHMENT DETAIL

N.T.S.

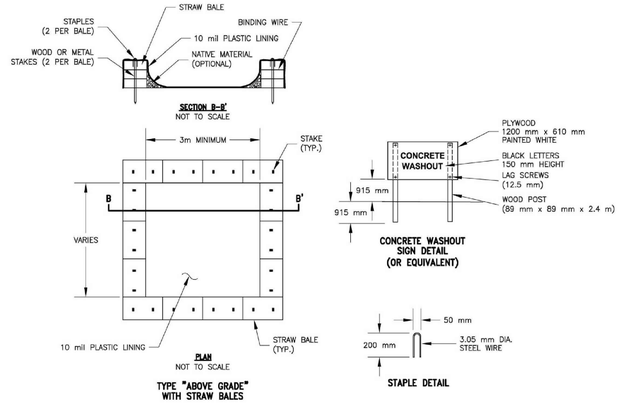
CALTRANS DETAIL SC-5

1 FIBER ROLL DET.

SCALE: NTS

Concrete Waste Management

WM-8



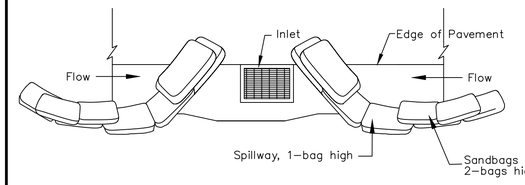
NOTES:

1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN (SEE FIG. 4-15) SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASHOUT FACILITIY.

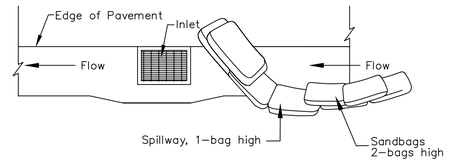
CALTRANS/TIC4-14.DWG SAC 8-14-02

2 CONCRETE WASH DET.

SCALE: NTS



TYPICAL PROTECTION FOR INLET ON SUMP



TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:

1. Intended for short-term use.
2. Use to inhibit non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed
5. Not applicable in areas with high silts and clays without filter fabric.

3 INLET PROTECTION, TYP.

SCALE: NTS

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DESCRIPTION: DETAILS

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REGISTERED PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA

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