

COUNTY OF SANTA CLARA  
ROADS AND AIRPORTS DEPARTMENT

PLANS FOR THE CONSTRUCTION OF  
**UVAS CREEK BRIDGE NO. 37C0094  
REPLACEMENT AT UVAS ROAD**

**NEW BRIDGE NO. 37C0600  
(EXISTING BRIDGE NO. 37C0094)  
FEDERAL PROJECT NUMBER BRLS-5937(123)  
LOCATED 4 MILES SOUTHWEST OF  
THE CITY OF MORGAN HILL**

TO BE SUPPLEMENTED BY  
COUNTY STANDARD PLANS DATED SEPTEMBER 1997  
COUNTY STANDARD SPECIFICATIONS DATED MAY 2000  
STATE OF CALIFORNIA STANDARD PLANS AND SPECIFICATIONS DATED 2018

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		1	39

11/30/22  
REGISTERED CIVIL ENGINEER DATE

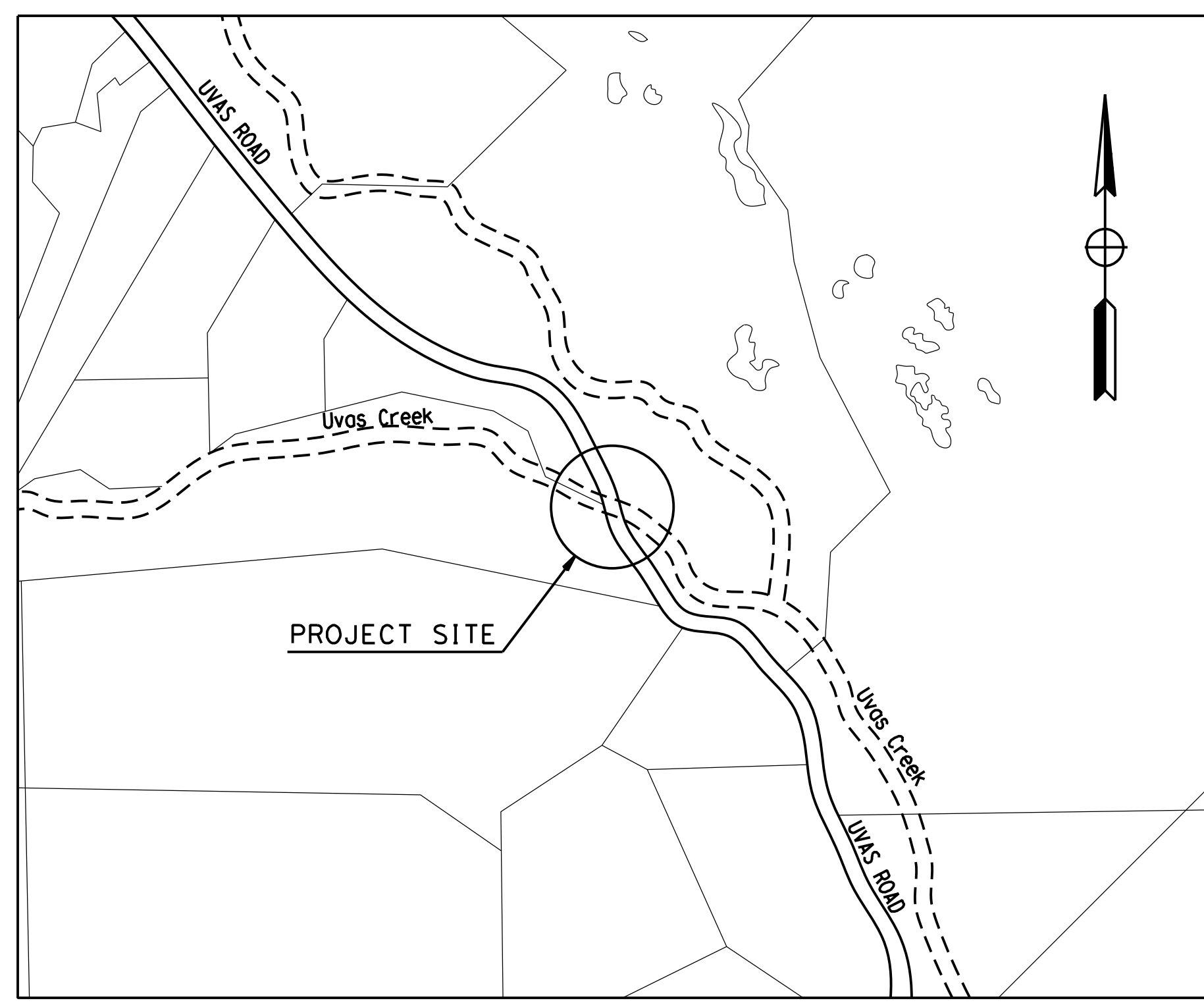
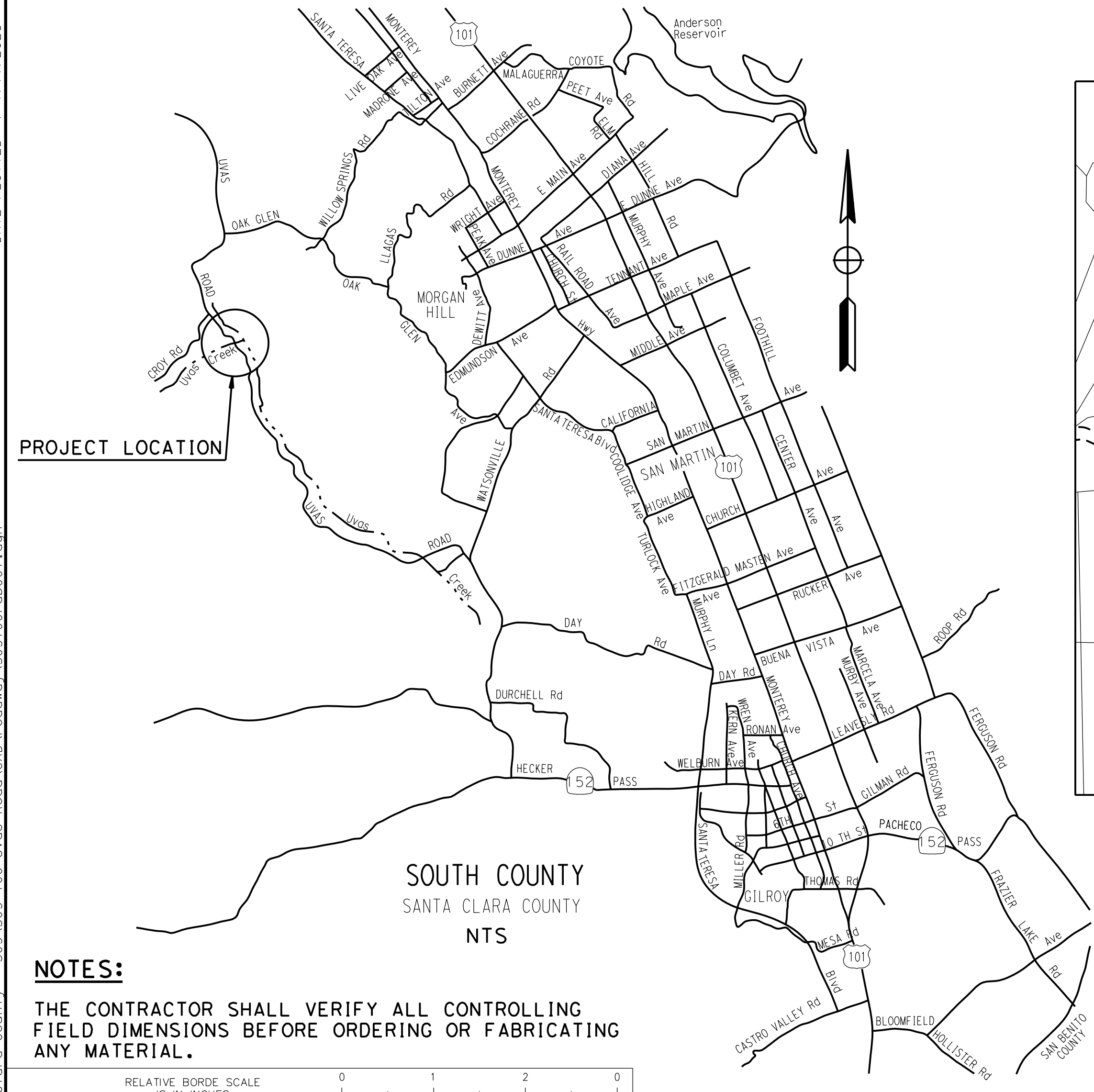
December 20, 2022  
PLANS APPROVAL DATE

Carolyn D. Davis  
REGISTERED PROFESSIONAL ENGINEER  
No. 58440  
Exp. 12/31/24  
CIVIL  
STATE OF CALIFORNIA

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
11017 COBBLE ROCK DRIVE, SUITE 100  
RANCHO CORDOVA, CA 95670  
P: 916.368.9181

DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:36:49 AM FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\roadway\S05100-ab001.dgn



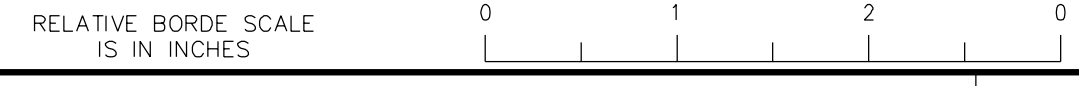
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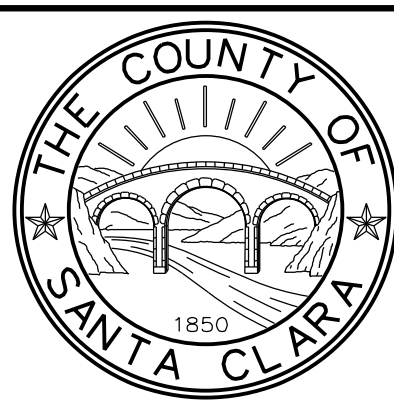
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**NOTES:**  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

APPROVED: HARRY FREITAS DIRECTOR

DESIGNED: K. Panayotov 9/2020 DATE

DRAWN: SOLOMON TEGEGNE 9/2020 DATE

CHECKED: DATE

WORK ORDER

LEVEL BOOK

TRANSIT BOOK

DocuSigned by: Harry Freitas

UVAS CREEK BRIDGE NO. 37C0094  
REPLACEMENT AT UVAS ROAD

**TITLE SHEET**

PROJECT NO. C4328 CONTRACT No. FILE No.

DRAWING No. T-1

SHT No. 1 OF 39



STANDARD GENERAL NOTES

- 1. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD COUNTY AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM WORK BEYOND THE LIMITS SHOWN ON THESE PLANS SUCH AS ADDITIONAL STAGING AREAS OR TEMPORARY FACILITIES. ANY COST RELATED TO OBTAINING ADDITIONAL STAGING AREA OR TEMPORARY FACILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO WORK THROUGHOUT THE PERIOD OF CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL SYSTEM PAY ITEM.
4. THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF JOB SITE.
5. ANY EXTRA CONSTRUCTION STAKING NECESSITATED SOLELY BY THE CONTRACTOR'S NEGLIGENCE WILL BE CHARGED TO THE CONTRACTOR ON A TIME AND EXPENSES BASIS AND PAID FOR BY THE CONTRACTOR.
6. STATIONING HEREON IS ALONG ROADWAY CENTERLINE UNLESS OTHERWISE SHOWN OR INDICATED.
7. ALL RETURN RADII AND CURB DATA ARE TO EDGE OF PAVEMENT.
8. ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS, IF APPLICABLE.
9. LENGTHS OF STORM DRAINS ARE HORIZONTAL DISTANCES FROM CENTER TO CENTER OF STRUCTURES.
10. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IF THE CONTRACTOR DEEMED NECESSARY TO RELOCATE EXISTING UTILITY LINE DURING CONSTRUCTION THEY SHALL NOTIFY UTILITY COMPANIES AT LEAST ONE WEEK IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 811-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.
11. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE LOCAL AGENCY ENGINEER, AT THE CONTRACTOR'S SOLE EXPENSE. THE CONSTRUCTION OF ALL GRAVITY UNDERGROUND LINES (STORM DRAINS) SHALL BEGIN AT THE MOST DOWNSTREAM END, UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE LOCAL AGENCY ENGINEERS.
12. ANY RELOCATION OF PUBLIC UTILITIES SHALL BE CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE UTILITY COMPANY INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THIS WORK SHALL BE DONE AT THE UTILITY COMPANY EXPENSE.
13. IF ARCHEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
14. DESIGN ENGINEER DOES NOT SPECIFY OR RECOMMEND THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS. ANY PARTY INSTALLING OR USING SUCH MATERIALS OR EQUIPMENT SHALL BE SOLELY RESPONSIBLE FOR ALL INJURIES, DAMAGES, OR LIABILITIES OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS OR EQUIPMENT. THE PROVISIONS OF THIS NOTE SHALL APPLY UNLESS THEY ARE EXPRESSLY WAIVED IN WRITING BY DESIGN ENGINEER.
15. THE CONTRACTOR SHALL MEET AND FOLLOW ALL NPDES REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
16. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.

PROJECT NOTES

- 1. THE CONTRACTOR SHALL NOT DESTROY ANY PERMANENT SURVEY POINTS WITHOUT THE CONSENT OF THE COUNTY ENGINEER. ANY PERMANENT MONUMENTS OR POINTS DESTROYED SHALL BE REPLACED BY A LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC. AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
3. THESE PLANS AND SPECIFICATIONS, INCLUDING GRADES AND STREET DRAINAGE ARE SUBJECT TO MODIFICATION DURING CONSTRUCTION SHOULD CONDITIONS APPEAR THAT WERE NOT APPARENT DURING DESIGN. ANY SUCH MODIFICATION SHALL BE APPROVED BY COUNTY ENGINEER.
4. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE COUNTY ENGINEER.
5. A COUNTY GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING GRADING AND INSTALLATION OF WALLS, BRIDGE FOUNDATIONS, ETC. CONTRACTOR SHALL NOTIFY THE COUNTY A MINIMUM OF 48 HOURS IN ADVANCE BEFORE STARTING THESE ACTIVITIES.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE COUNTY, THE OWNER AND THE DESIGN ENGINEER UPON DISCOVERY OF ANY FIELD CONFLICTS.
7. ANY DEVIATIONS OR CHANGES IN THESE PLANS WITHOUT OFFICIAL APPROVAL OF THE DESIGN ENGINEER SHALL ABSOLVE THE DESIGN ENGINEER OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION OR CHANGE.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL MANHOLES ARE SET TO FINISHED PAVEMENT GRADE.

NOTES

- 1. ALL ROAD IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSION OF THE STATE AND COUNTY STANDARD SPECIFICATIONS, AND STANDARD PLANS. ALL PEDESTRIAN IMPROVEMENTS SHALL CONFORM WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS AND THE AMERICAN WITH DISABILITIES ACT. THE IMPROVEMENTS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF THE COUNTY.
2. ALL REVISIONS TO THIS PLAN MUST BE REVIEWED BY THE COUNTY ROAD AND AIRPORT DEPARTMENT PRIOR TO CONSTRUCTION AND SHALL BE ACCURATELY SHOWN ON REVISED PLANS STAMPED AND DISTRIBUTED BY THE ENGINEERING SERVICES DIVISION PRIOR TO ACCEPTANCE OF THE WORK AS COMPLETE.
3. PRIOR TO PLACING CURB, SIDEWALK, ASPHALT CONCRETE, SUBBASE, OR BASE MATERIAL, ALL UNDERGROUND UTILITIES WITHIN THE RIGHT OF WAY SHALL BE INSTALLED, BACKFILL COMPLETED, AND THE COUNTY ROAD AND AIRPORT DEPARTMENT'S CONSTRUCTION DIVISION NOTIFIED, BY EACH OF THE UTILITY COMPANIES HAVING FACILITIES WITHIN THE WORK AREA, THAT THE UTILITY INSTALLATION HAS SATISFACTORILY PASSED ACCEPTANCE TESTS.
4. WHEN WIDENING THE PAVEMENT ON AN EXISTING ROAD, THE EXISTING PAVEMENT SHALL BE CUT TO A NEAT LINE AND REMOVED TO AN EXISTING ADEQUATE STRUCTURAL SECTION. AN EXPLORATORY TRENCH OR POTHOLING, MAY BE REQUIRED TO DETERMINE THE LIMITS OF PAVEMENT REMOVAL.
5. NO TREES SHALL BE REMOVED UNLESS THEY ARE SHOWN AND NOTED TO BE REMOVED ON THE IMPROVEMENT PLANS. IF ANY TREES ARE TO BE REMOVED, THE IMPROVEMENT PLANS MUST BE REVIEWED AND ACKNOWLEDGED BY THE COUNTY. ALL TREES CONFLICTING WITH GRADING, UTILITIES, OR OTHER IMPROVEMENTS, OR OVERHANGING THE PAVEMENT SO AS TO FORM A NUISANCE OR HAZARD, SHALL BE TRIMMED, PROPERLY TREATED AND SEALED. A TREE PERMIT MAY BE NECESSARY.
6. THE CONTRACTOR SHALL COMPLY WITH ALL RULES, REGULATIONS AND PROCEDURES OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) FOR MUNICIPAL, CONSTRUCTION AND INDUSTRIAL ACTIVITIES AS PROMULGATED BY THE CALIFORNIA STATE WATER RESOURCE CONTROL BOARD OR ANY OF ITS REGIONAL WATER QUALITY CONTROL BOARDS.
7. THE CONTRACTOR IS RESPONSIBLE FOR PRESERVATION AND/OR PERPETUATION OF ALL EXISTING MONUMENTS (THAT CONTROL SUBDIVISIONS, TRACTS, STREETS OR HIGHWAYS, OR PROVIDE SURVEY CONTROL) WHICH WILL BE DISTURBED OR REMOVED DUE TO CONTRACTORS' WORK. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 10 WORKING DAYS NOTICE, TO COUNTY, PRIOR TO DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS. COUNTY SHALL COORDINATE WITH THE CONTRACTOR TO RESET MONUMENTS OR PROVIDE PERMANENT WITNESS MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR, PER BUSINESS AND PROFESSIONAL CODE SECTION 8771.
8. ANY MATERIAL IMPORTED FOR THE CONSTRUCTION OF EMBANKMENT OR AS BACKFILL FOR STRUCTURES, CULVERTS AND OTHER FACILITIES SHALL MEET THE GEOTECHNICAL REQUIREMENTS.
9. STORM WATER INLETS AND MANHOLES INVERTS SHALL BE SHAPED AND SLOPED TO DRAIN.
10. DEMOLITION OF EXISTING BRIDGE WILL INVOLVE CONSTRUCTION OF A TEMPORARY DECKING OR OTHER SYSTEM OVER THE CREEK CHANNEL TO AVOID DROPPING INTO THE CREEK. THE COST FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO BRIDGE REMOVAL PAY ITEM.

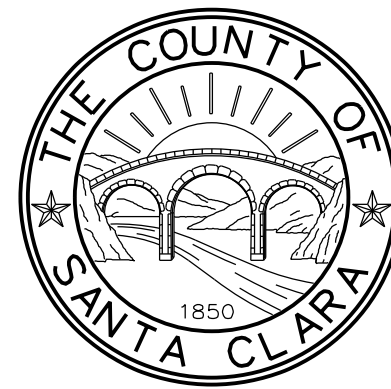
Dist COUNTY ROUTE POST MILES SHEET TOTAL COUNTY PROJECT SHEETS SHEETS 04 SCI C.R. 11/30/22 2 39
REGISTERED CIVIL ENGINEER DATE 11/30/22
December 20, 2022 PLANS APPROVAL DATE
Carolyn D. Davis No. 58440 Exp. 12/31/24 CIVIL
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QUINCY ENGINEERING 11017 COBBLEROCK DRIVE, SUITE 100 RANCHO CORDOVA, CA 95670 P: 916.368.9181

SANTA CLARA HABITAT PLAN (SCVHP) NOTES

- 1. THE CONTRACTOR SHALL BE AWARE THAT THIS PROPOSED PROJECT IS A COVERED PROJECT UNDER THE SCVHP AND WILL IMPLEMENT THE FOLLOWING CONDITIONS FROM THE SCVHP:
A. CONDITION 1. AVOID DIRECT IMPACTS ON LEGALLY PROTECTED PLANT AND WILDLIFE SPECIES
B. CONDITION 3. MAINTAIN HYDROLOGIC CONDITIONS AND PROTECT WATER QUALITY
C. CONDITION 4. STREAM AVOIDANCE AND MINIMIZATION FOR IN-STREAM PROJECTS.
D. CONDITION 6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR COVERED TRANSPORTATION PROJECTS
E. CONDITION 7. RURAL DEVELOPMENT DESIGN AND CONSTRUCTION REQUIREMENTS.
F. CONDITION 12. WETLAND AND POND AVOIDANCE AND MINIMIZATION
G. CONDITION 14. VALLEY OAK AND BLUE OAK WOODLAND AVOIDANCE AND MINIMIZATION
H. CONDITION 20. AVOID AND MINIMIZE IMPACTS TO COVERED PLANT OCCURRENCES.
2. THE COST FOR IMPLEMENTING THE ABOVE SCVHP CONDITIONS WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED INCIDENTAL TO ALL PROJECT CONTRACT ITEMS.
3. THE CONTRACTORS ATTENTION IS DIRECTED TO ALL PERMITS AND SANTA CLARA VALLEY HABITAT AGENCY WEBSITE REGARDING SCVHP REQUIREMENTS. HTTP://SCV-HABITATAGENCY.ORG/

RELATIVE BORDER SCALE 0 1 2 3 IS IN INCHES

Table with 5 columns: NO., REVISIONS, BY, DATE, APP'D. Rows include 05 100% SUBMITTAL, 04 95% SUBMITTAL REVISED, 03 95% SUBMITTAL, 02 REV 65% SUBMITTAL, 01 65% SUBMITTAL.



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

Approval stamps and signatures for K. Panoyotov, R. Romeriz, B. Grimm, Barri Roncal, Rocelia Kmak, and Solomon Tegegne.

UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD

GENERAL NOTES

Table with 5 columns: PCA, ADVERTISEMENT DATE, CONTRACT No., FILE No., Scale. Values include C4328, AS SHOWN.

DRAWING No. N-1, SHT No. 2 of 39

DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:36:53 AM

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DATE PLOTTED => 10:36:157 AM  
DATE PLOTTED => 1/17/2023  
FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\Roadway\S05100-rcd001.dgn

**NOTES:**

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAMS.
3. FOR FL ELEVATIONS, SEE DRAINAGE DETAILS SHEETS.
4. SLOPE VARIES FROM 2:1 TO 20:1 FROM STATION "A" 22+00.00 TO "A" 22+45.00.
5. SLOPE 1:1 FROM "A" 23+75.00 TO "A" 23+95.00.
6. UNPAVED SHOULDER WIDTH PER TYPICAL MGS LAYOUT AT STRUCTURE APPROACH AND DEPARTURE. SEE STANDARD PLANS A7702 AND RSP A7704.
7. FOR DIKE LOCATION AND TYPE, SEE LAYOUT SHEET.


**DESIGN DESIGNATION**

2007 ADT = 2,090  
2028 ADT = 2,600  
V = 45 MPH  
TI = 8.5  
R = 40


**ABBREVIATIONS:**

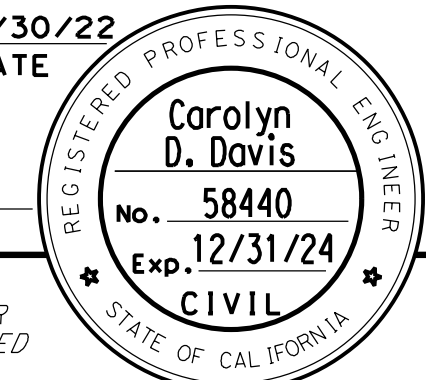
SR SUPERELEVATION RATE

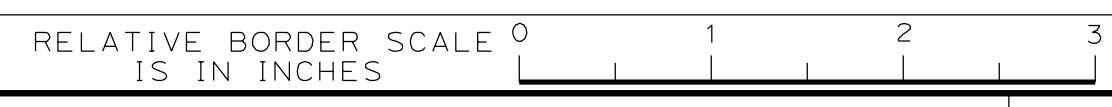
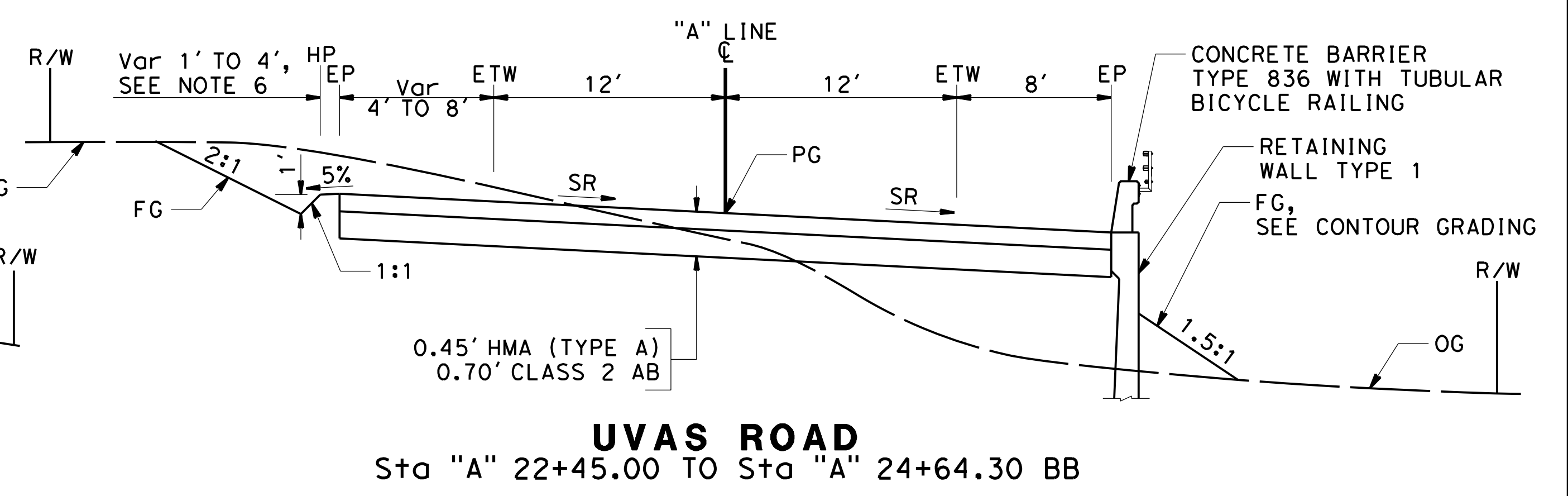
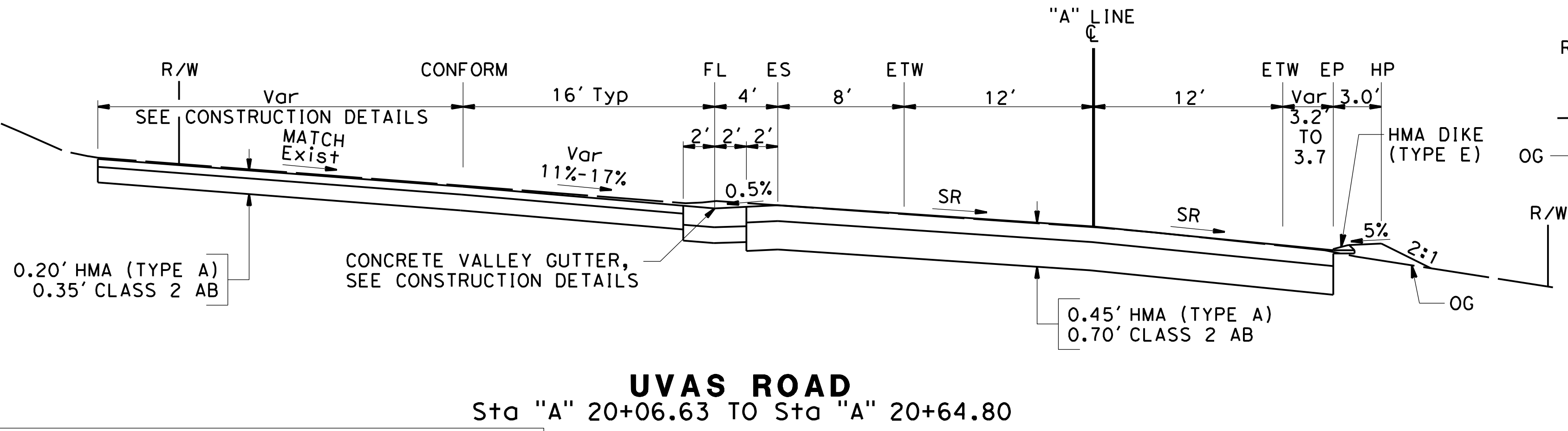
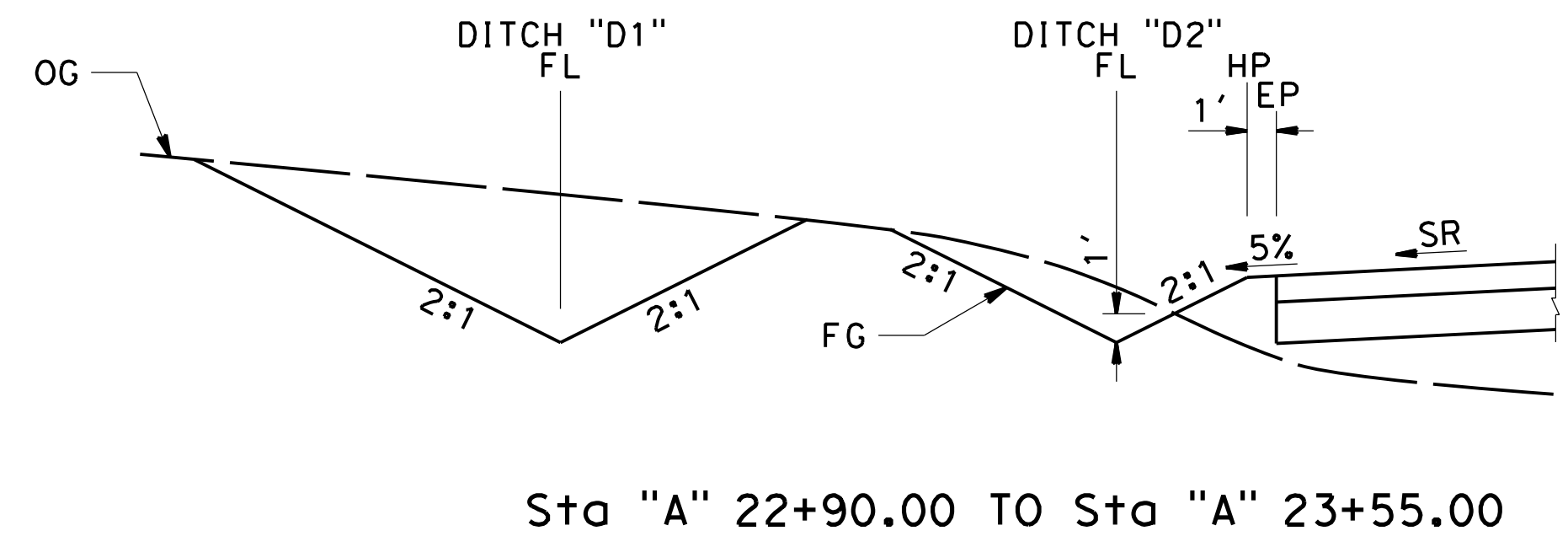
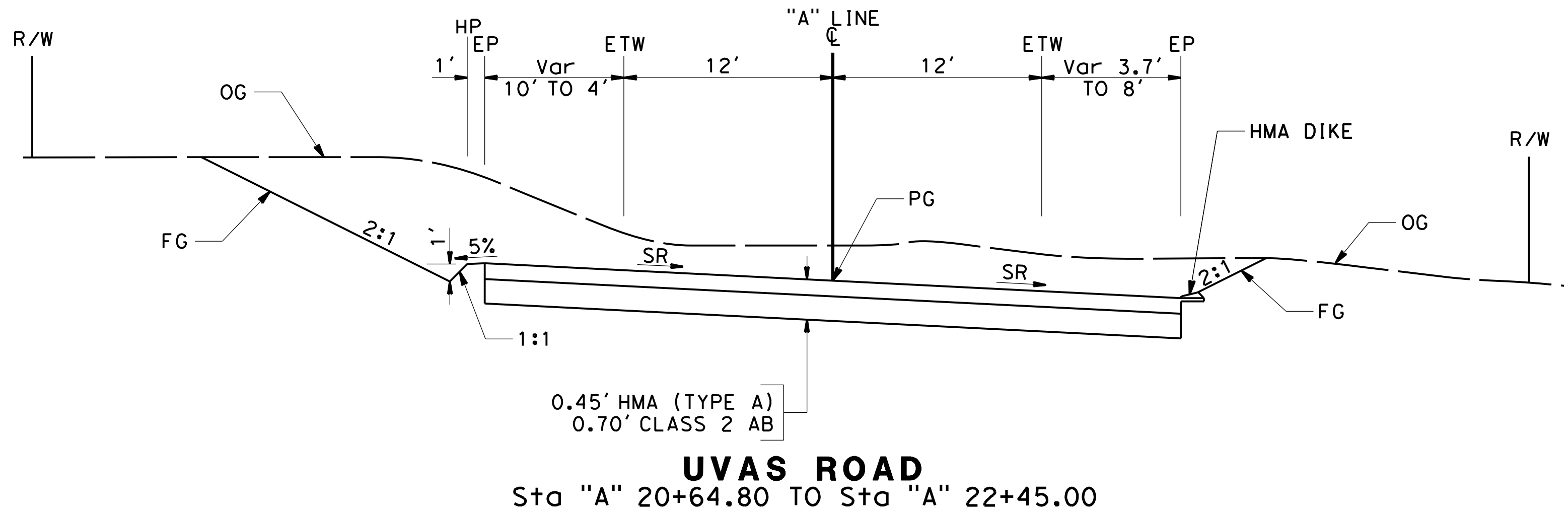
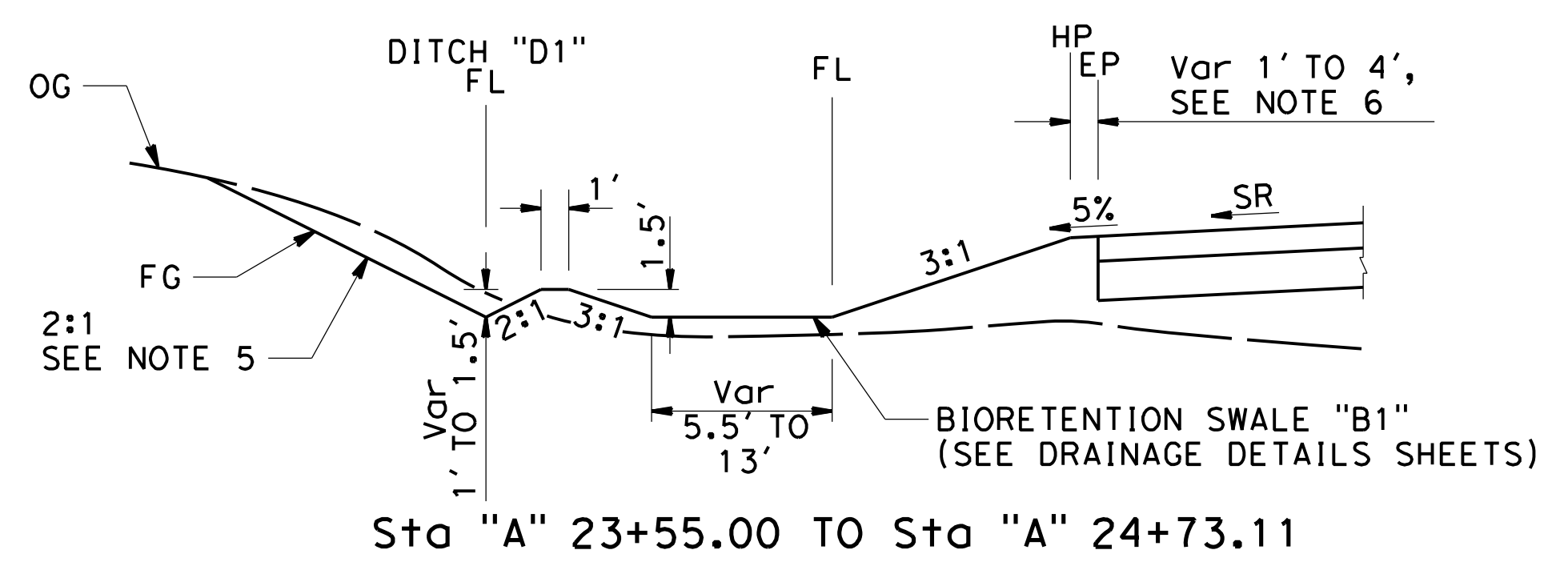
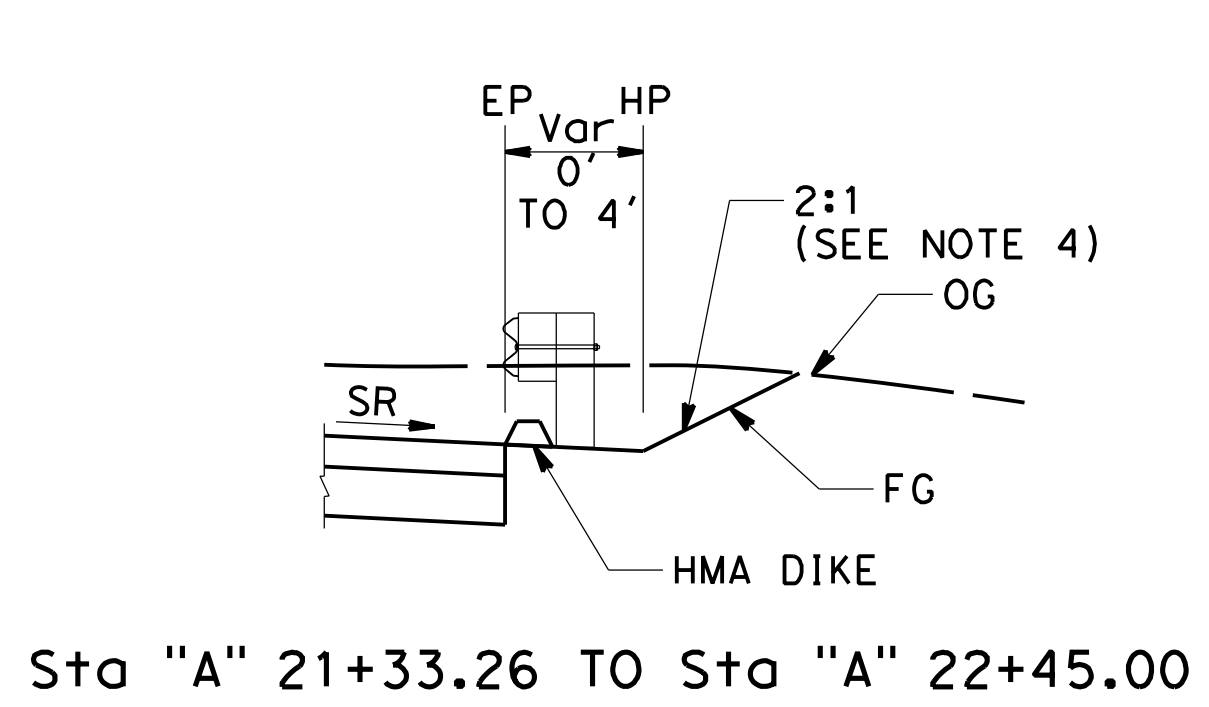
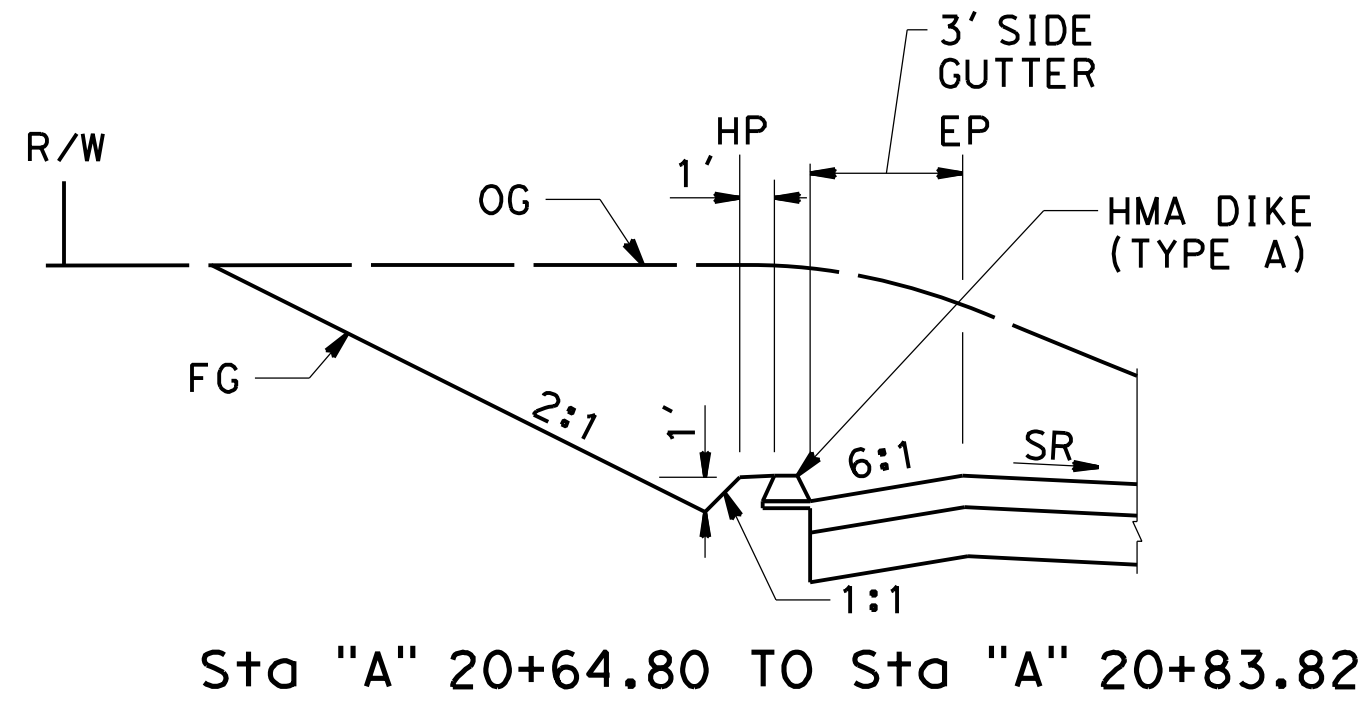
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		3	39

  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181







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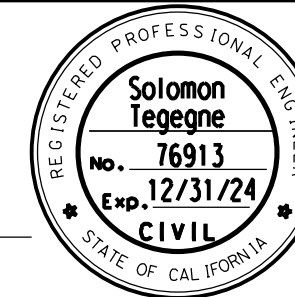


**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

SUBMITTED: K. Panayotov 9/2020  
 DESIGNED: R. Romeriz 9/2020  
 DRAWN: B. Grimm 9/2020  
 CHECKED:

REVIEWED: Rocelia Kmak  
 APPROVED: Solomon Tegegne

DocuSigned by:   
 DocuSigned by:   
 1/18/2023



**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**TYPICAL CROSS SECTIONS**

DRAWING No. **X-1**  
 SHT No. 3 OF 39  
 Scale: NO SCALE

PCA: C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.:  
 FILE No.:

DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:37:02 AM FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\roadway\S05100-rc002.dgn

**NOTE:**

- SLOPE VARIES AS FOLLOWS:  
 FROM 2:1 TO 2.5:1 FROM STA "A" 26+34.00 TO "A" 26+40.00.  
 FROM 2.5:1 TO 3:1 FROM STA "A" 26+40.00 TO "A" 26+75.00.
- UNPAVED SHOULDER WIDTH PER TYPICAL MGS LAYOUT AT STRUCTURE APPROACH AND DEPARTURE. SEE STANDARD PLANS A77Q2 AND RSP A77Q4.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		4	39

*Carol Davis* 11/30/22  
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**QUINCY ENGINEERING**

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 P: 916.368.9181

REGISTERED PROFESSIONAL ENGINEER

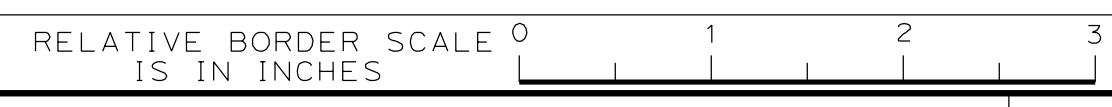
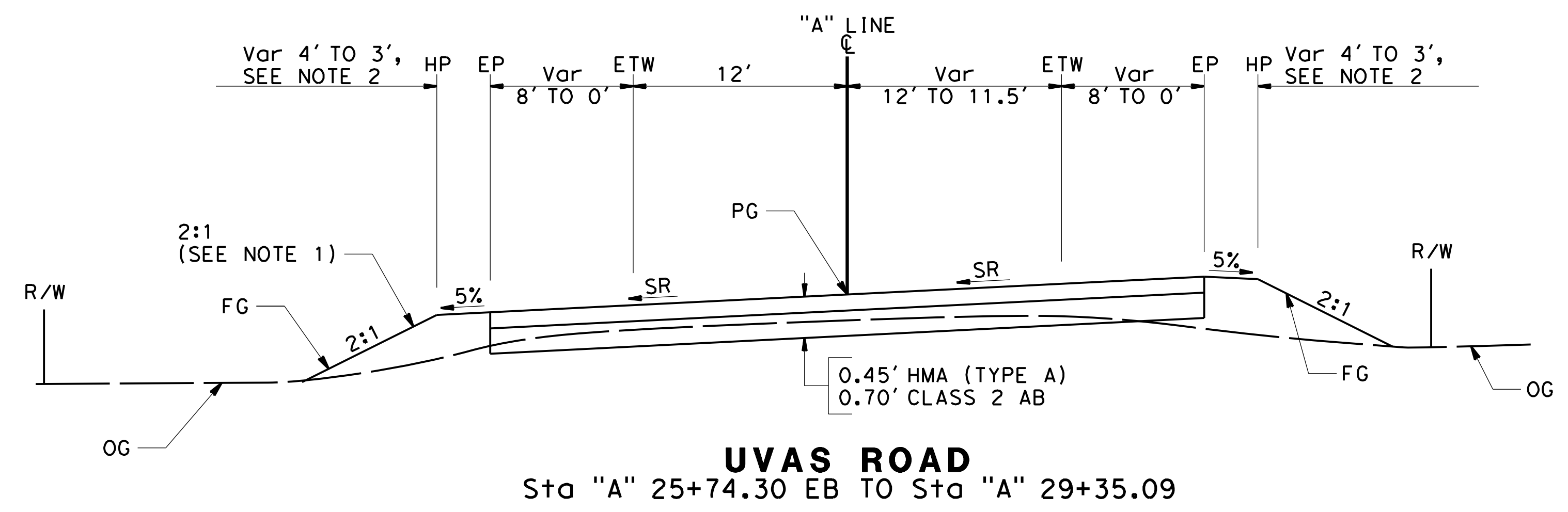
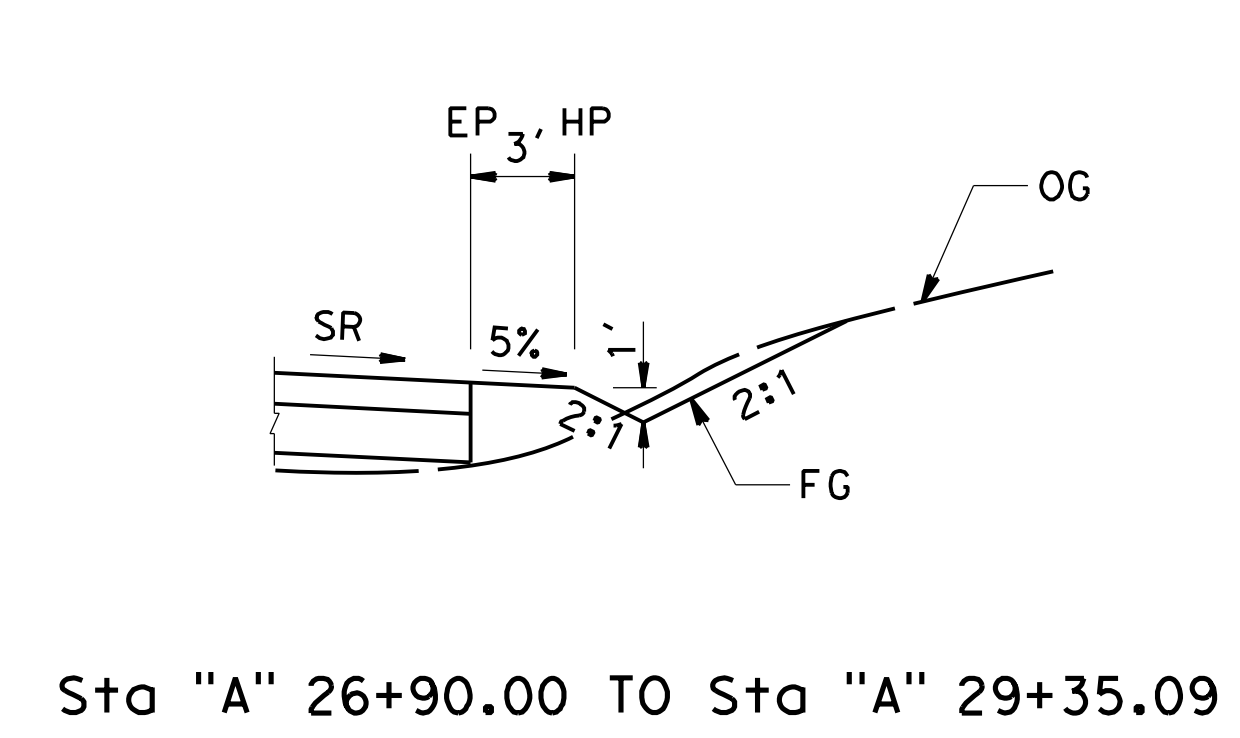
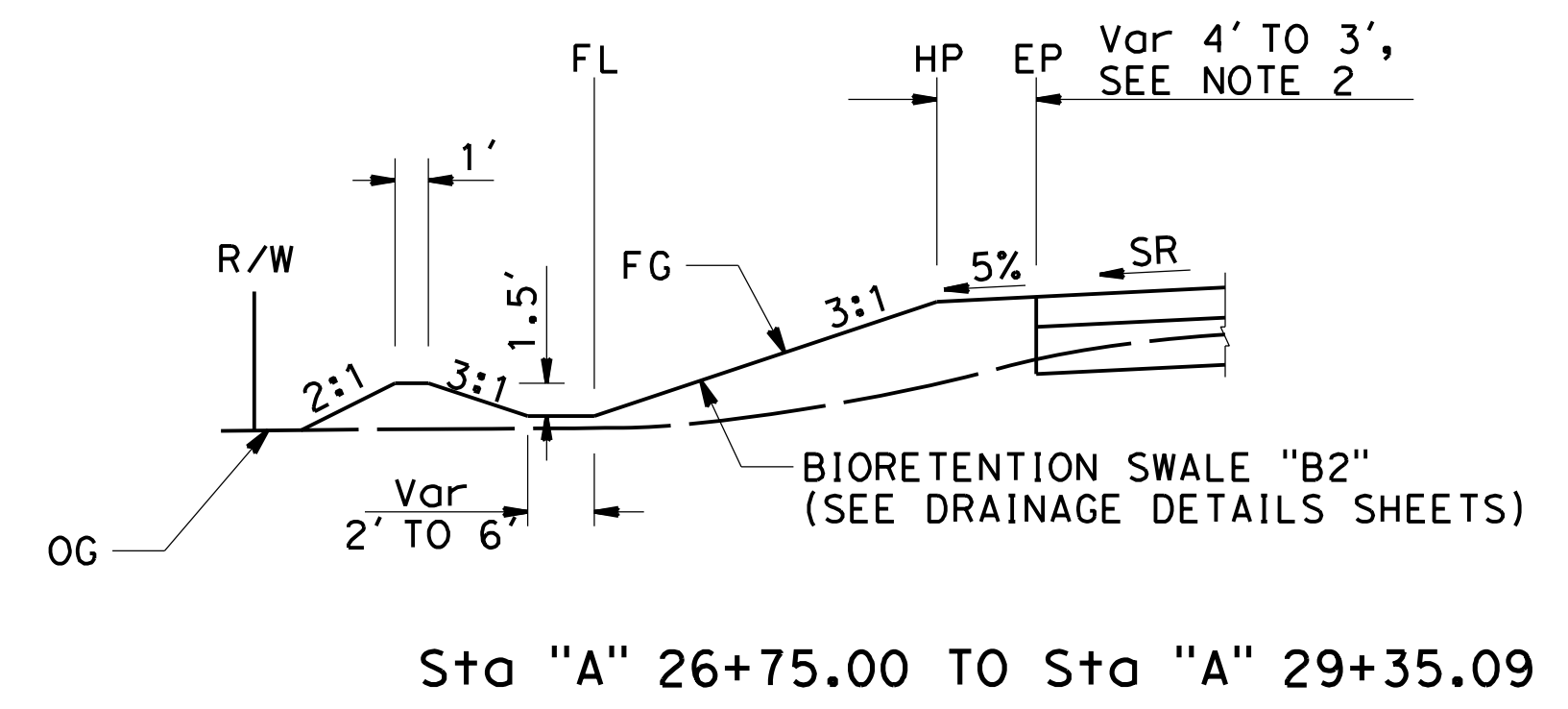
**Carolyn D. Davis**

No. 58440

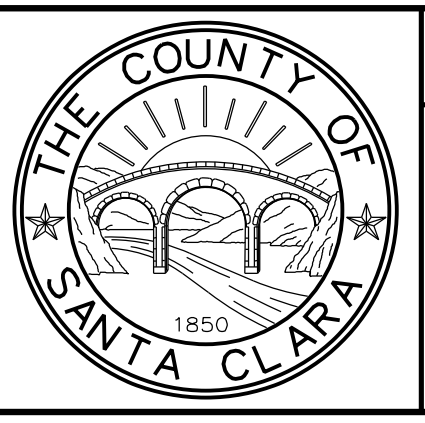
Exp. 12/31/24

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NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>K. Panayotov</b> 9/2020 DATE	SUBMITTED: DATE	REVIEWED: DATE	APPROVED: DATE
DRAWN: <b>B. Grimm</b> 9/2020 DATE	DocuSigned by: <i>Barni Roncal</i> 77061EF45E4843E	DocuSigned by: <i>Rocelia Kmak</i> B51EF92B38F548B	DocuSigned by: <i>Solomon Tegegne</i> 8E99C3D12854E2 1/18/2023
CHECKED	DATE	DATE	DATE

BARNI RONCAL ASSISTANT CIVIL ENGINEER  
 ROCELIA KMAK PRINCIPAL CIVIL ENGINEER  
 SOLOMON TELEGNE SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**TYPICAL CROSS SECTIONS**

DRAWING No. **X-2**  
 SHT No. **4** OF **39**  
 Scale **NO SCALE**

PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.



NOTES:

- FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT THE COUNTY OFFICE.
- ELEVATIONS ARE BASED ON NAVD88 OF CALIFORNIA COORDINATE SYSTEM.
- TRAFFIC STRIPES SHALL BE 4" WIDE, MODIFIED FROM CALTRANS STANDARD PLANS A20A AND A20B.
- FOR CONTRAST STRIPING ON THE BRIDGE, SEE STANDARD PLAN A20E.

LEGEND:

- DIRECTION OF TRAFFIC
- CURVE NUMBER
- PAVEMENT DELINEATION DETAIL NUMBER
- REMOVE ROADSIDE SIGN
- DELINEATOR (CLASS 1), 40' SPACING
- SURVEY CONTROL POINT
- TCE POINTS
- Exist POLE
- LIMITS OF RSP
- DIRECTION OF DITCH FLOW
- RIGHT OF WAY
- PROPERTY LINE
- BIORETENTION SWALE
- TRAFFIC STRIPE LIMITS
- REMOVE BASE AND SURFACING
- Exist ELECTRIC OVERHEAD (PG&E)
- Exist TELEPHONE OVERHEAD (FRONTIER)

SURVEY CONTROL DATA

No.	NORTHING	EASTING	ELEV	LINE	STATION	OFFSET	DESCRIPTION
1	1861703.04	6204767.81	565.29	"A"	21+15.46	9.35' R+	IRON PIPE 1"
2	1861977.31	6204584.79	547.52	"A"	24+42.15	49.89' L+	IRON PIPE 1"
3	1862270.18	6204487.16	549.68	"A"	27+54.01	7.23' L+	IRON PIPE 1"

CURVE DATA

No.	R	Δ	T	L
1	136.37'	15° 03' 01"	18.01'	35.82'
2	325.00'	36° 23' 29"	106.83'	206.42'
3	1500.00'	11° 04' 30"	145.43'	289.94'
4	341.00'	26° 25' 26"	80.06'	157.26'
5	321.00'	30° 46' 58"	88.37'	172.46'
6	150.00'	14° 53' 15"	19.60'	38.98'
7	7300.00'	1° 6' 41"	70.80'	141.61'
8	1100.00'	5° 49' 19"	55.93'	111.78'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		5	39

11/30/22  
REGISTERED CIVIL ENGINEER DATE

December 20, 2022  
PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

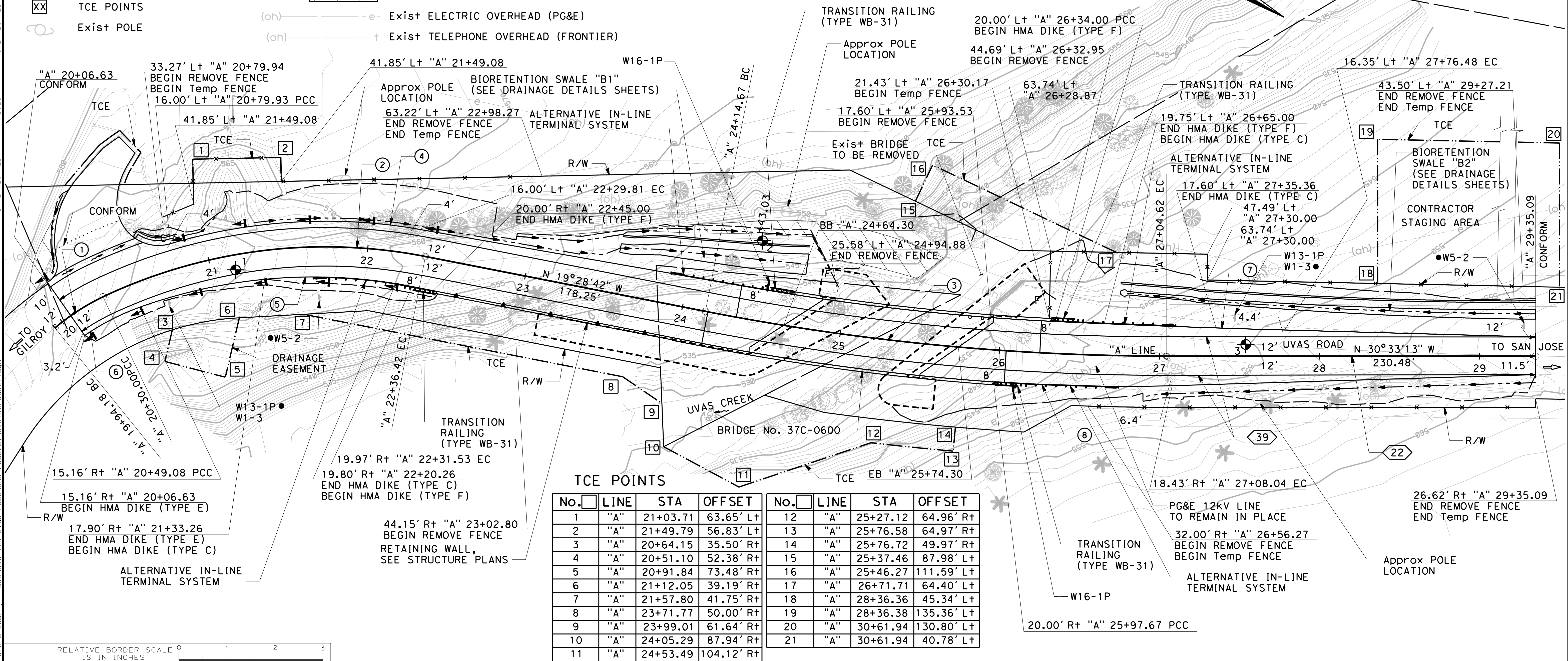
**QUINCY ENGINEERING**  
11017 COBBLEROCK DRIVE, SUITE 100 RANCHO CORDOVA, CA 95670 P: 916.368.9181

Carolyn D. Davis  
No. 58440  
Exp. 12/31/24  
CIVIL

DATE PLOTTED => 10:37:13 AM

DATE PLOTTED => 1/17/2023

FILE => S:\Client\Santa Clara County - 505 S05-100 Uvas Road\CAD\roadway\505100-rec001.dgn



TCE POINTS

No.	LINE	STA	OFFSET	No.	LINE	STA	OFFSET
1	"A"	21+03.71	63.65' Lt	12	"A"	25+27.12	64.96' Rt
2	"A"	21+49.79	56.83' Lt	13	"A"	25+76.58	64.97' Rt
3	"A"	20+64.15	35.50' Rt	14	"A"	25+76.72	49.97' Rt
4	"A"	20+51.10	52.38' Rt	15	"A"	25+37.46	87.98' Lt
5	"A"	20+91.84	73.48' Rt	16	"A"	25+46.27	111.59' Lt
6	"A"	21+12.05	39.19' Rt	17	"A"	26+71.71	64.40' Lt
7	"A"	21+57.80	41.75' Rt	18	"A"	28+36.36	45.34' Lt
8	"A"	23+71.77	50.00' Rt	19	"A"	28+36.38	135.36' Lt
9	"A"	23+99.01	61.64' Rt	20	"A"	30+61.94	130.80' Lt
10	"A"	24+05.29	87.94' Rt	21	"A"	30+61.94	40.78' Lt
11	"A"	24+53.49	104.12' Rt				



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

Submitted: 9/20/20  
Designed: K. Panoyotov  
Drawn: R. Romeriz  
Checked: B. Grimm

Reviewed: 9/20/20  
Reviewed by: Rocelia Emak  
Reviewed by: Rocelia Emak

Approved: 1/18/2023  
Approved by: Solomon Tegegne  
Approved by: Solomon Tegegne

UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD

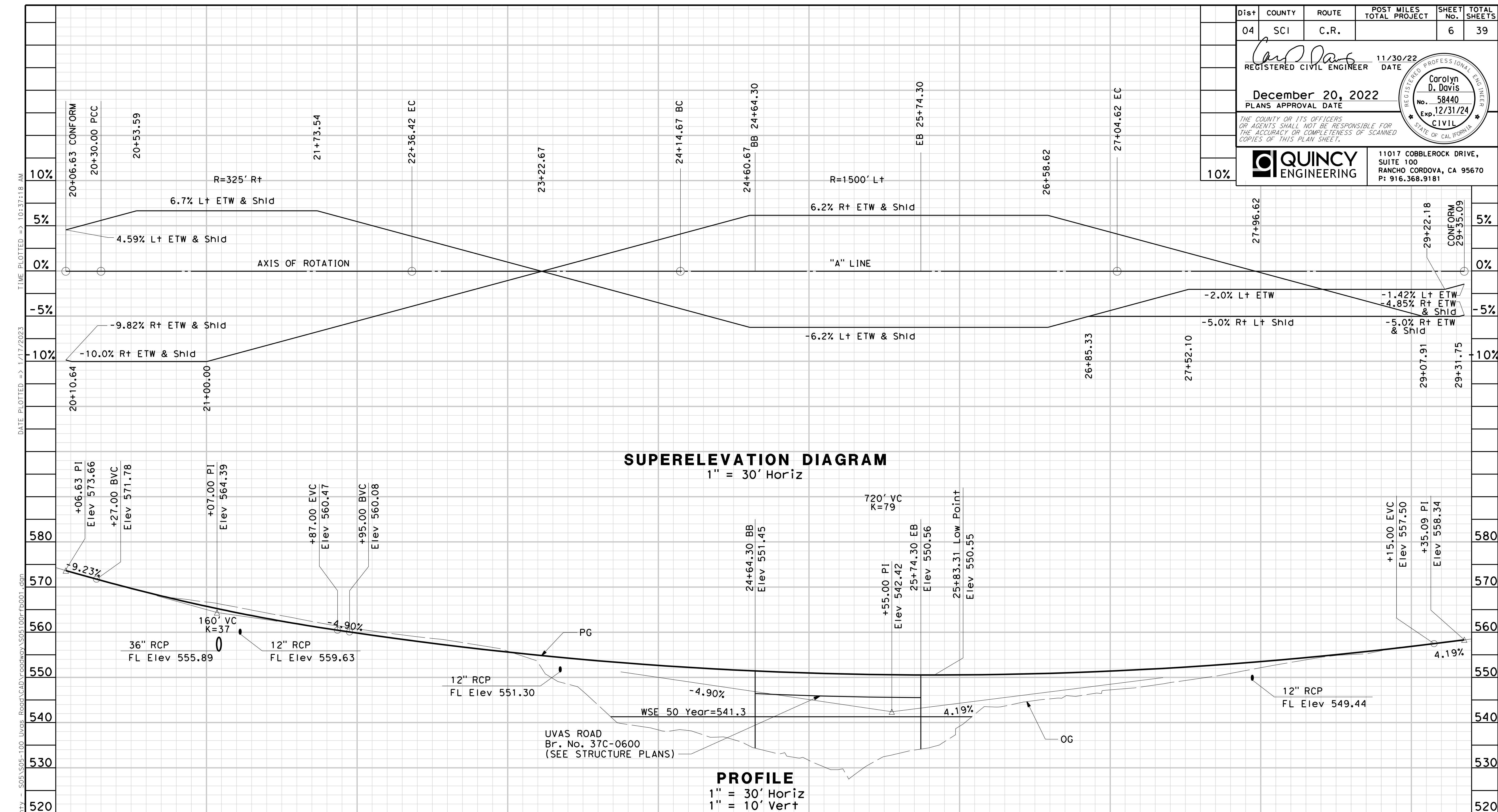
LAYOUT

Scale: 1" = 30'

Sheet No. 5 of 39

Contract No. C4328





Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		6	39

REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

Carolyn D. Davis  
 No. 58440  
 Exp. 12/31/24  
 CIVIL

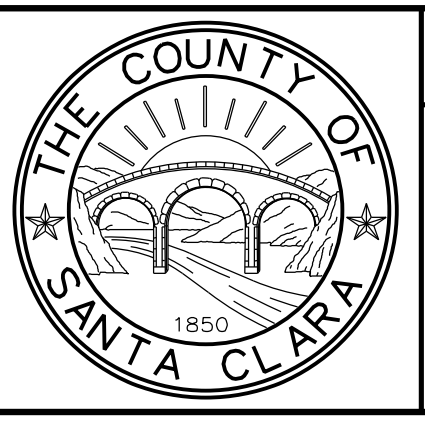
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

DATE PLOTTED => 10:37:18 AM  
 DATE PLOTTED => 1/17/2023  
 FILE => S:\Client\Santa Clara County - 505 S05-100 Uvas Road\CAD\roadway\505100-rfb001.dgn

STATION	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	TOTAL
Exc										
Emb										

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: K. Panayotov 9/2020  
 DRAWN: R. Romeriz 9/2020  
 CHECKED: B. Grimm 9/2020

REVIEWED: Rocelia Enak  
 SOLOMON TEJEGNE SENIOR CIVIL ENGINEER

APPROVED: Solomon Tejegne  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 76913  
 Exp. 12/31/24  
 CIVIL

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**PROFILE & SUPERELEVATION DIAGRAM**

PC: C4328  
 CONTRACT No.:  
 FILE No.:  
 Scale: AS SHOWN

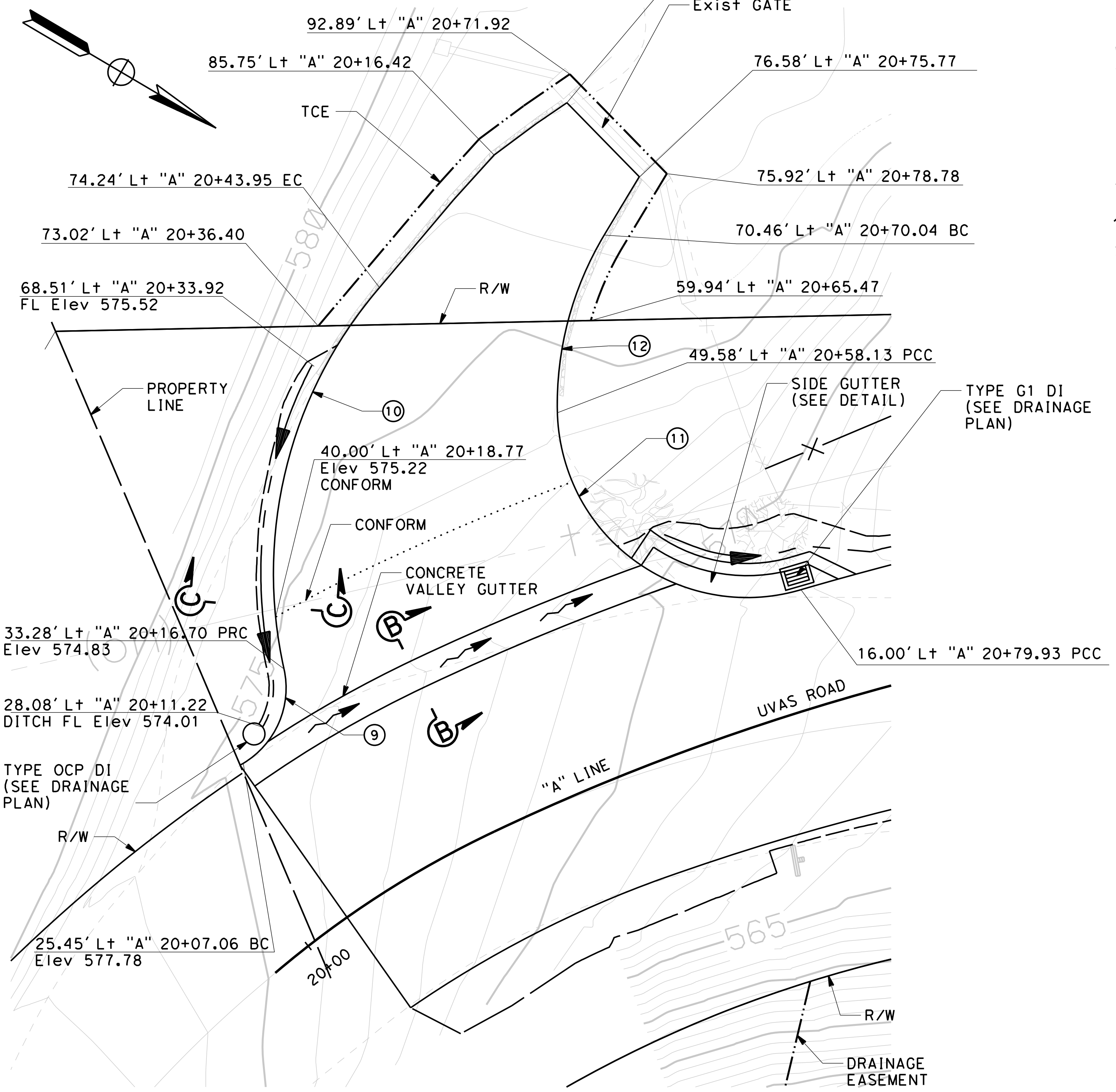
DRAWING No. **PS-1**  
 SHEET No. 6 OF 39



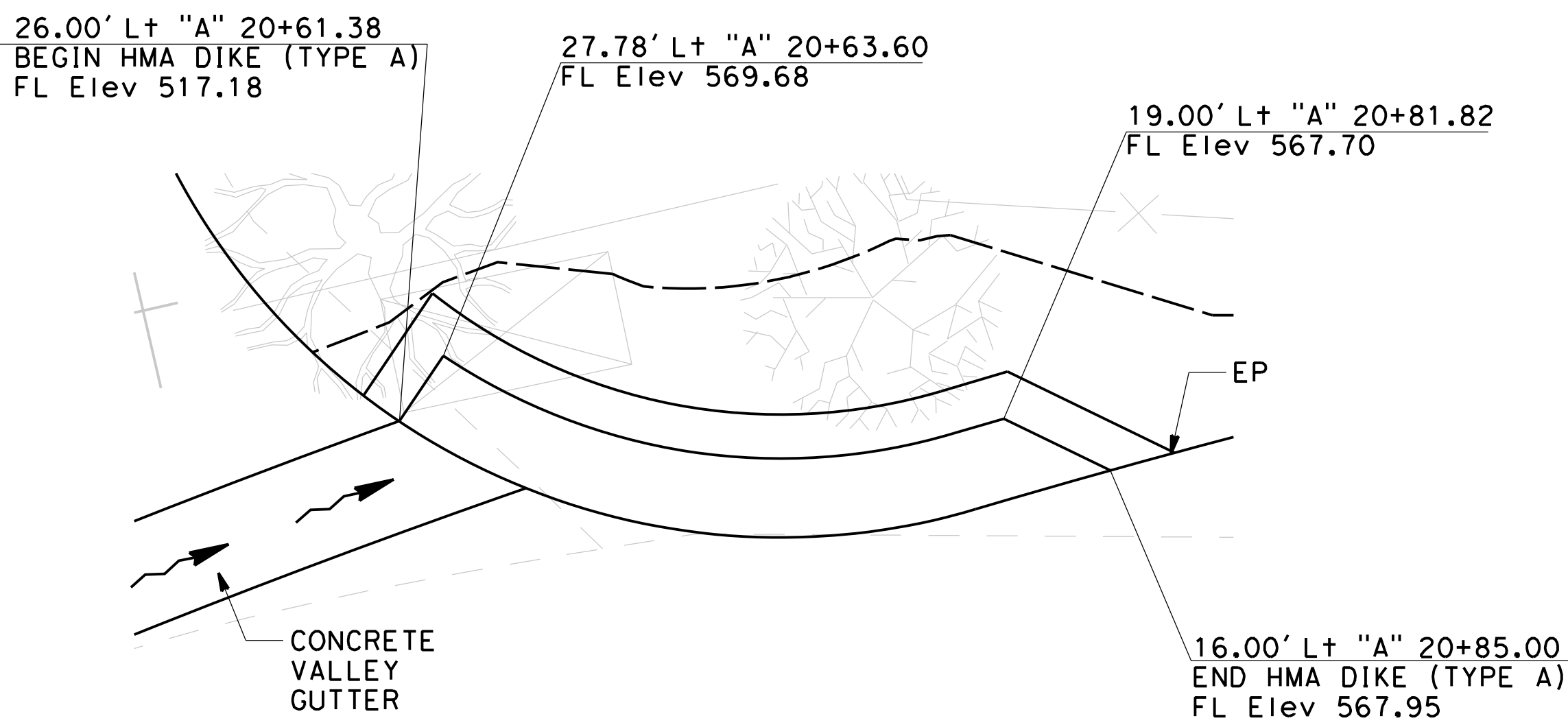
**CURVE DATA**

No.	R	Δ	T	L
9	12.00'	71° 52' 27"	8.70'	15.05'
10	60.00'	52° 47' 38"	29.78'	55.29'
11	26.00'	105° 01' 40"	33.90'	47.66'
12	45.00'	32° 30' 44"	13.12'	25.54'

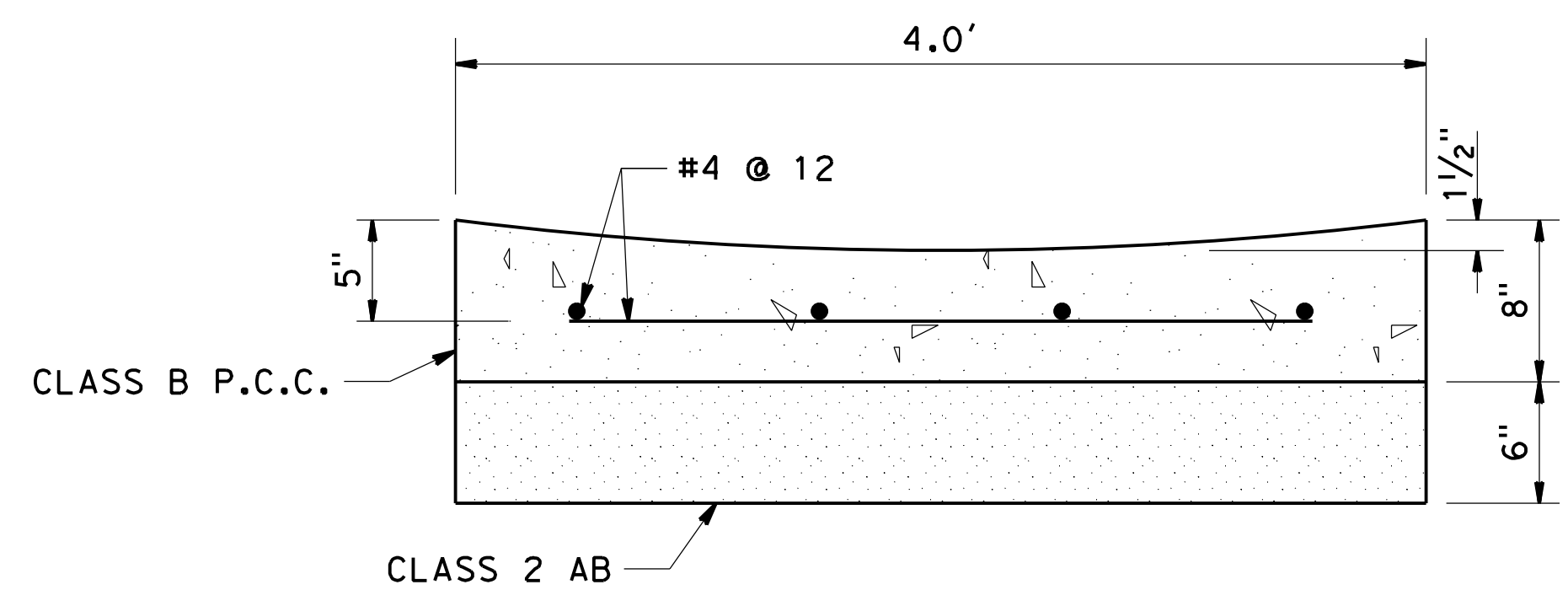
DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:37:23 AM FILE => S:\Client\Santa Clara County - 505 S05-100 Uvas Road\CAD\roadway\505100-rg001.dgn



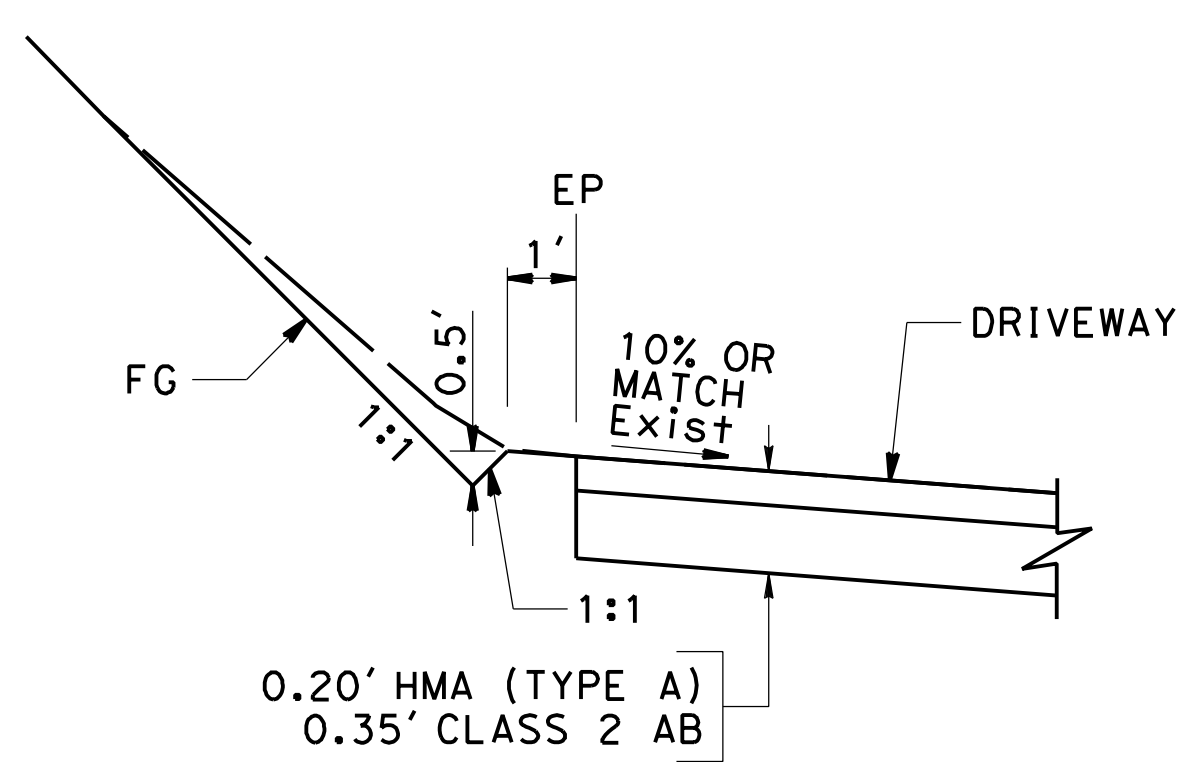
**DRIVEWAY DETAIL**  
SCALE: 1" = 10'



**SIDE GUTTER**  
SCALE: 1" = 5'



**SECTION B-B**  
**CONCRETE VALLEY GUTTER**  
NO SCALE



**SECTION C-C**  
NO SCALE

**CONCRETE VALLEY GUTTER**

STATION	LINE	OFFSET	Lt/Rt	FLOW LINE ELEVATION
20+06.30	"A"	24.00'	Lt	574.44
20+20.00	"A"	24.00'	Lt	573.33
20+30.00	"A"	24.00'	Lt	572.49
20+40.00	"A"	24.00'	Lt	571.68
20+50.00	"A"	24.00'	Lt	570.90
20+60.00	"A"	24.00'	Lt	570.08

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		7	39

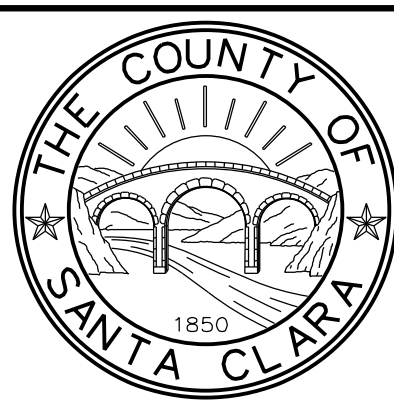
Registered Civil Engineer  
 11/30/22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

Carolyn D. Davis  
 No. 58440  
 Exp. 12/31/24  
 CIVIL

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

K. Panayotov 9/2020  
 DESIGNED DATE  
 R. Romeriz 9/2020  
 DRAWN DATE  
 B. Grimm 9/2020  
 CHECKED DATE

SUBMITTED: *Barni Roncal*  
 REVIEWED: *Rocelia Kmak*  
 APPROVED: *Solomon Tegegne*

BARNI RONCAL ASSISTANT CIVIL ENGINEER  
 ROCELIA KMAK PRINCIPAL CIVIL ENGINEER  
 SOLOMON TEGEAGNE SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**CONSTRUCTION DETAILS**

DRAWING No. **C-1**  
 SHT No. 7 OF 39  
 Scale AS SHOWN

PCA C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.  
 FILE No.



DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:37:27 AM FILE => S:\Client\Santa Clara County - S05 S05-100 Uvas Road\CAD\roadway\S05100-Creek Diversion.dgn


**NOTES:**

- PLEASE NOTIFY VALLEY'S WATER SUPERVISING HYDROGRAPHER AT (408) 265-2600 c/o Mr. KEN STUMPF (kstumpf@valleywater.org) AT LEAST ONE WEEK PRIOR TO REQUIRING RELOCATION OF THE 3'X3' ELECTRICAL PANELS, SOLAR PANELS, GALVANIZED PIPE, AND WOOD GAGES TO THE SPECIFIED TEMPORARY LOCATIONS.
- MAINTAIN ACCESS TO GAGE EQUIPMENT FOR SCVWD PERSONNEL DURING CONSTRUCTION.
- THIS CONCEPTUAL TEMPORARY CREEK DIVERSION PLAN IS PROVIDED FOR INFORMATION PURPOSE ONLY. THIS PLAN IS PART OF THE PERMIT APPLICATION PACKAGE. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PREPARING THE TEMPORARY CREEK DIVERSION PLAN AND SECURING ANY RESOURCE AGENCY'S APPROVAL OF YOUR PROPOSAL.

**LEGEND:**

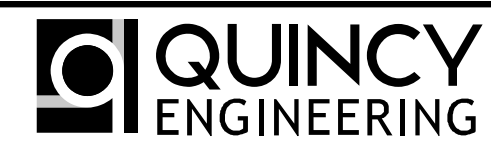
----- LIMITS OF RSP

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		8	39

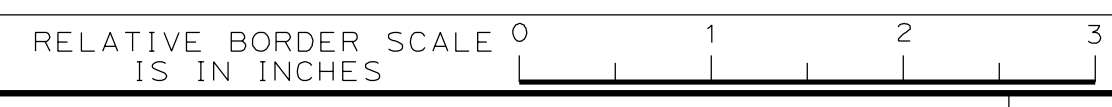
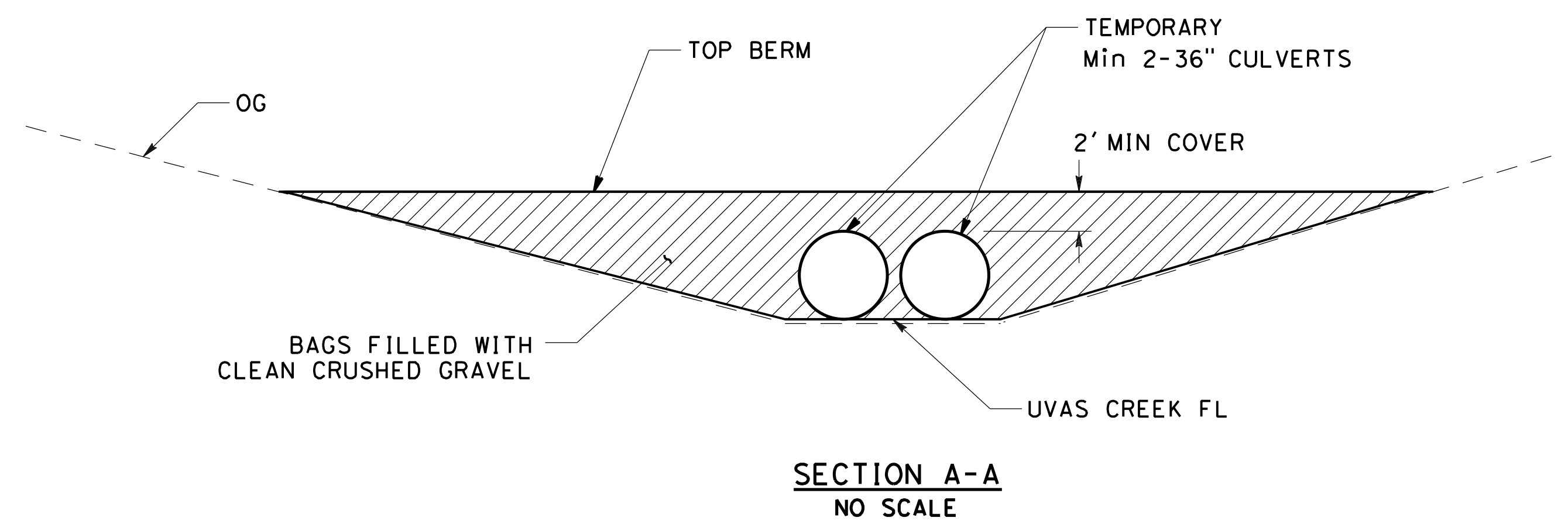
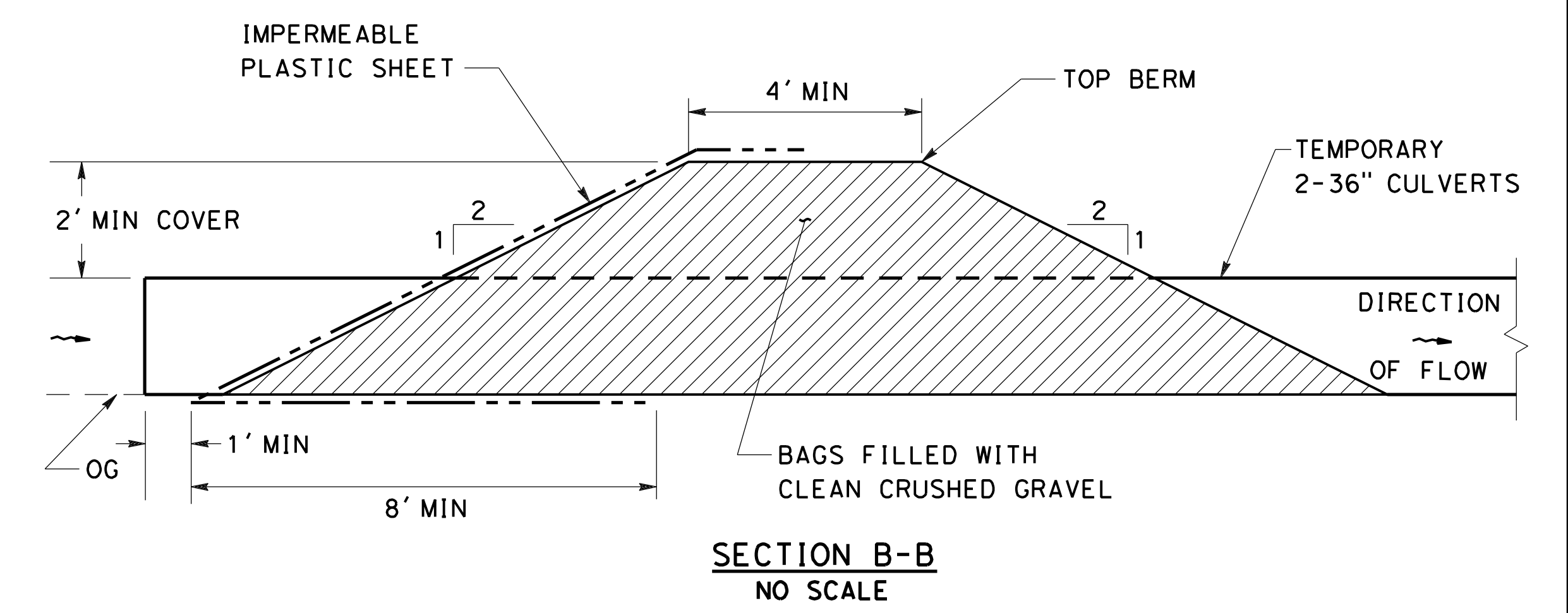
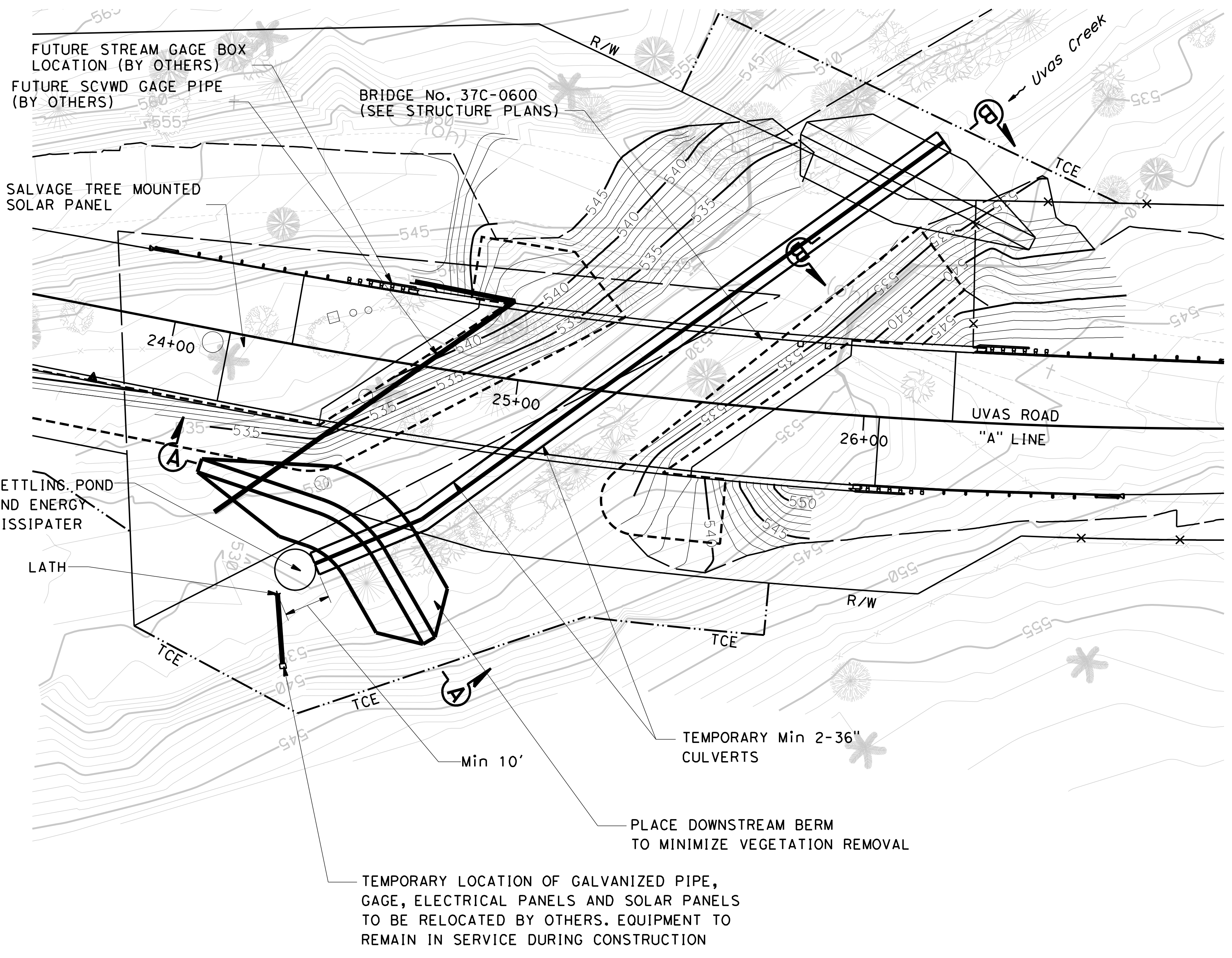
  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Carolyn D. Davis  
 No. 58440  
 Exp. 12/31/24  
 CIVIL  
 STATE OF CALIFORNIA

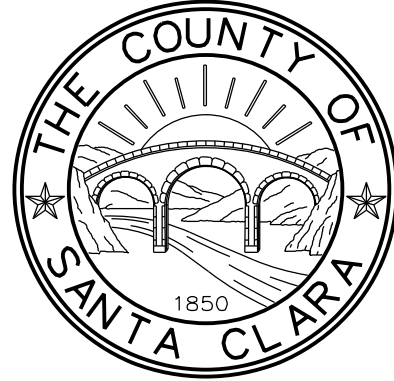
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

  
**QUINCY ENGINEERING**

11017 COBBLEROCK DRIVE,  
 SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>K. Panayotov</b> 9/2020	DATE	SUBMITTED:	DATE	REVIEWED:	DATE	APPROVED:	DATE
DRAWN: <b>B. Grimm</b> 9/2020	DATE	DocuSigned by: <b>Barni Roncal</b> 77081EF45E4843E	DATE	DocuSigned by: <b>Rocelia Kmak</b> B51EF92938F54B9	DATE	DocuSigned by: <b>Solomon Tegegne</b> 8E586C3D12854E2	DATE
CHECKED:	DATE	<b>BARNI RONCAL</b> ASSISTANT CIVIL ENGINEER		<b>ROCELIA KMAK</b> PRINCIPAL CIVIL ENGINEER		<b>SOLOMON TELEGNE</b> SENIOR CIVIL ENGINEER	

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**TEMPORARY CREEK DIVERSION**

PCA	C4328	ADVERTISEMENT DATE:	CONTRACT No.	FILE No.	DRAWING No. <b>TCD-1</b>
					SHT No. 8 OF 39
					Scale 1" = 20'



### EROSION CONTROL TYPE 1 (BIORETENTION SWALE)

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	DEPTH	REMARKS
		DESCRIPTION	TYPE			
STEP 1	BIORETENTION SOIL MEDIA	BIORETENTION SOIL MEDIA	-	-	18"	
STEP 2	HYDROSEED	SEED	MIX 1	40 LB/ACRE	-	
		FERTILIZER	ORGANIC	600 LB/ACRE	-	
STEP 3	HYDROMULCH	TACKIFIER	PLANT BASED	200 LB/ACRE	-	
STEP 4	ROLLED EROSION CONTROL PRODUCT (BLANKET) (RECP)	BLANKET	TYPE A	-	-	SURFACE AREA: B1 = 2,195 SF B2 = 3,465 SF
STEP 5	FIBER ROLLS	RICE STRAW FILLED AND JUTE COVERED	8 TO 10 INCHES IN Dia	-	-	INSTALLATION TYPE 2 / LENGTH: B1 = 117 LF B2 = 260 LF

### SEED MIX 1

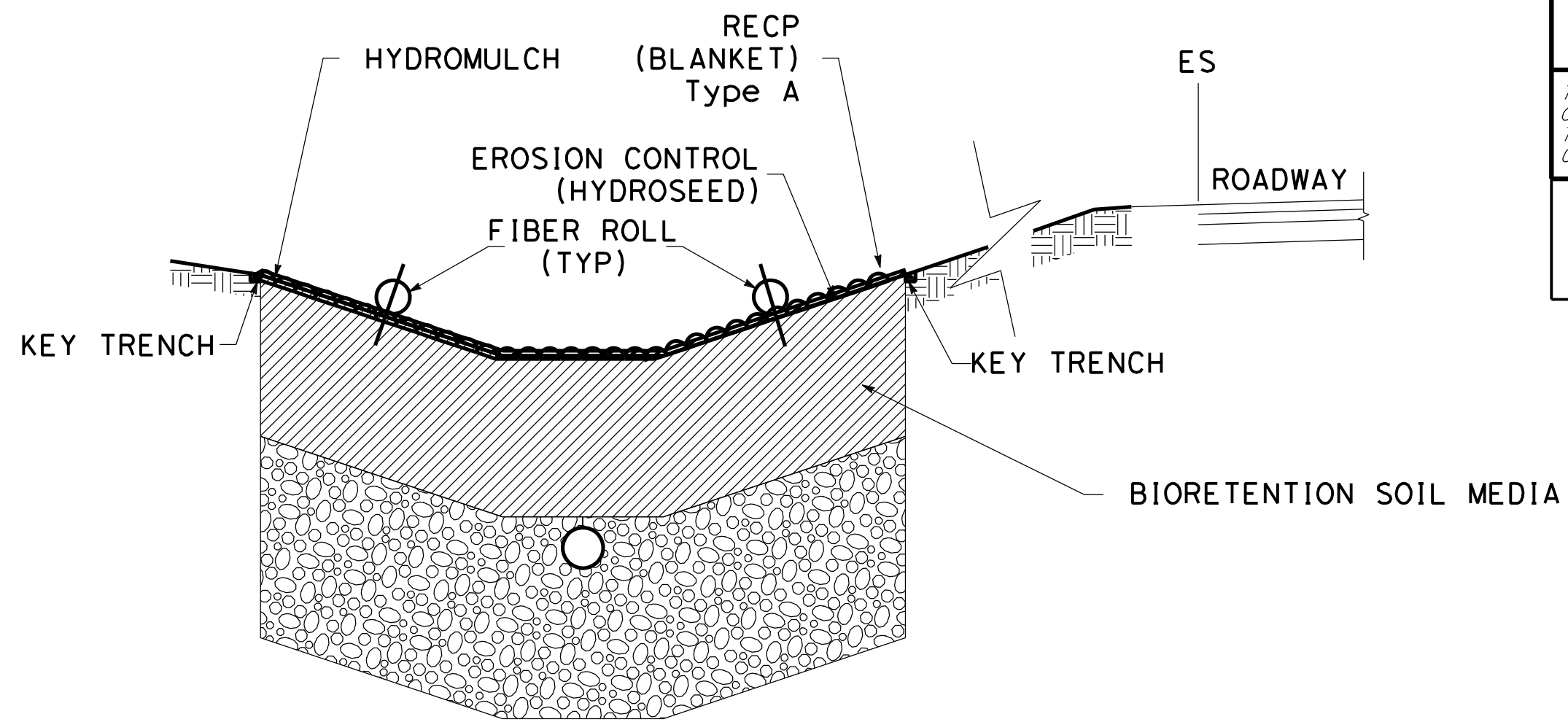
BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
BROMUS CARINATUS (CALIFORNIA BROME)	85	6
CAREX BARBARAE (SANTA BARBARA SEDGE)	70	5
ELYMUS GLAUCUS (WILD RYE)	80	6
FESTUCA CALIFORNICA (CALIFORNIA FESCUE)	60	1.5
HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	75	8.5
JUNCUS PATENS (COMMON RUSH)	70	5
MELICA CALIFORNICA (CALIFORNIA ONIONGRASS)	60	4
NASSELLIA PULCHRA (PURPLE NEEDLEGRASS)	70	4

### EROSION CONTROL TYPE 2

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	DEPTH	REMARKS
		DESCRIPTION	TYPE			
STEP 1	HYDROSEED	SEED	MIX 2	45 LB/ACRE	-	
		FERTILIZER	ORGANIC	600 LB/ACRE	-	
STEP 2	HYDROMULCH	TACKIFIER	PLANT BASED	200 LB/ACRE	-	
STEP 3	ROLLED EROSION CONTROL PRODUCT (BLANKET)	BLANKET	TYPE A	-	-	
STEP 4	FIBER ROLLS	RICE STRAW FILLED AND JUTE COVERED	8 TO 10 INCHES IN Dia	-	-	

### NOTE:

1. FOR KEY TRENCH DETAIL, SEE STANDARD PLAN H52, DETAIL C.



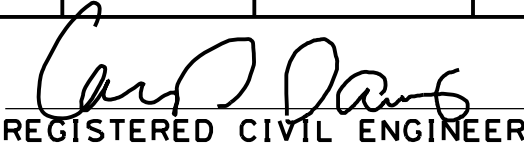
### BIORETENTION SWALE NO SCALE

(FOR ADDITIONAL DETAILS SEE SHEET DD-4)

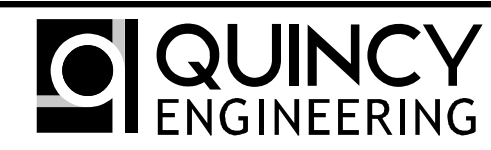
### SEED MIX 2

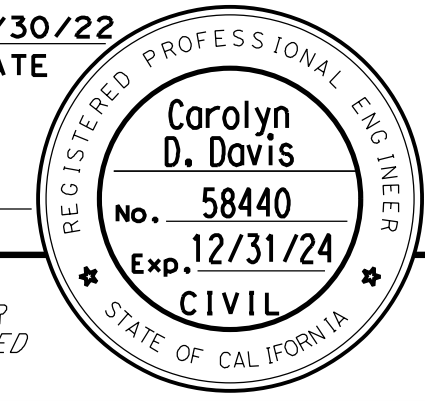
BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
ACHILLEA MILLEFOLIUM (WHITE YARROW)	85	5
ESCHSCHOLZIA CALIFORNICA (CALIFORNIA POPPY)	85	10
LAYIA PLATYGLOSSA (TIDY TIPS)	85	5
LINUM GRADIFLORUM VAR. RUBRIM (SCARLET FLAX)	85	8
LUPINUS MICROCARPUS (GOLDEN LUPINE)	85	15
DEER GRASS	45	2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		9	39

  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.


**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181



RELATIVE BORDER SCALE IS IN INCHES

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



### COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

SUBMITTED: K. Panayotov 9/2020 DESIGNED: R. Romeriz 9/2020 DRAWN: B. Grimm 9/2020 CHECKED:	REVIEWED: Rocelia Kmak APPROVED: Solomon Tegegne DATE: 1/18/2023	DocuSigned by: Barni Roncal BARNI RONCAL ASSISTANT CIVIL ENGINEER	DocuSigned by: Rocelia Kmak ROCELIA KMAK PRINCIPAL CIVIL ENGINEER	DocuSigned by: Solomon Tegegne SOLOMON TEGEGNE SENIOR CIVIL ENGINEER
---	--	--	--	---

UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD			DRAWNG No. ECL-1
<b>EROSION CONTROL LEGEND</b>			SHT No. 9 OF 39
PCA C4328	ADVERTISEMENT DATE:	CONTRACT No.	Scale AS SHOWN

FILE => S:\Client\Santa Clara County - 505\505-100 Uvas Road\CAD\Roadway\ECL-1.dgn DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:37:31 AM




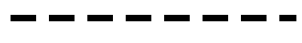


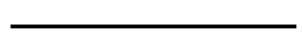








FILE => S:\Client\Santa Clara County - S05 S05-100 Uvas Road\CAD\roadway\S05100-qr001.dgn  
 DATE PLOTTED => 1/17/2023  
 TIME PLOTTED => 10:37:36 AM

**NOTES:**

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE COUNTY OFFICE.
2. LOCATIONS OF FIBER ROLLS ARE SCHEMATIC. ACTUAL PLACEMENT LOCATIONS OF FIBER ROLLS SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS.
3. TUBES FOR WILLOW CUTTING ARE PERFORATED CARDBOARD, 6" DIAMETER.
4. THIS PLAN ACCURATE FOR EROSION CONTROL ONLY.

**LEGEND:**

-  EROSION CONTROL (TYPE 2)
-  EROSION CONTROL (TYPE 1)
-  FIBER ROLL
-  LIMITS OF RSP
-  THVF---xx--- TEMPORARY HIGH-VISIBILITY FENCE
-  ---xx---TSF--- TEMPORARY SILT FENCE
-  RIGHT OF WAY
-  PROPERTY LINE
-  DIRECTION OF DITCH FLOW
-  BIORETENTION SWALE
-  WILLOW CUTTING
-  TEMPORARY DRAINAGE INLET PROTECTION
-  REMOVE TREE

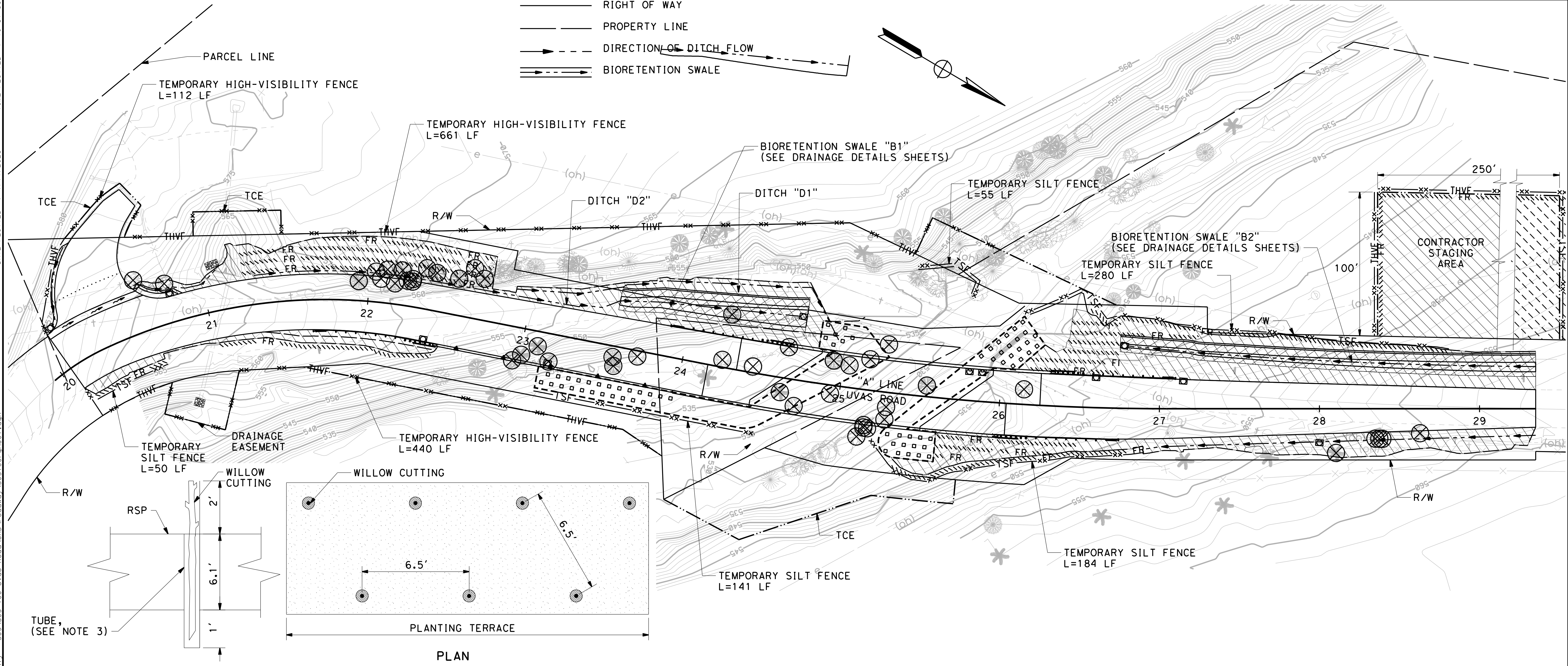
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		10	39

REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

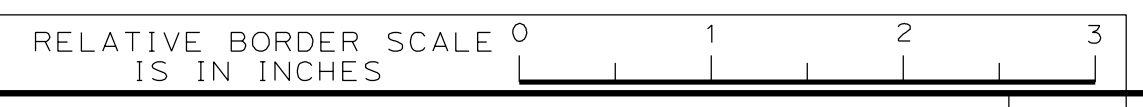
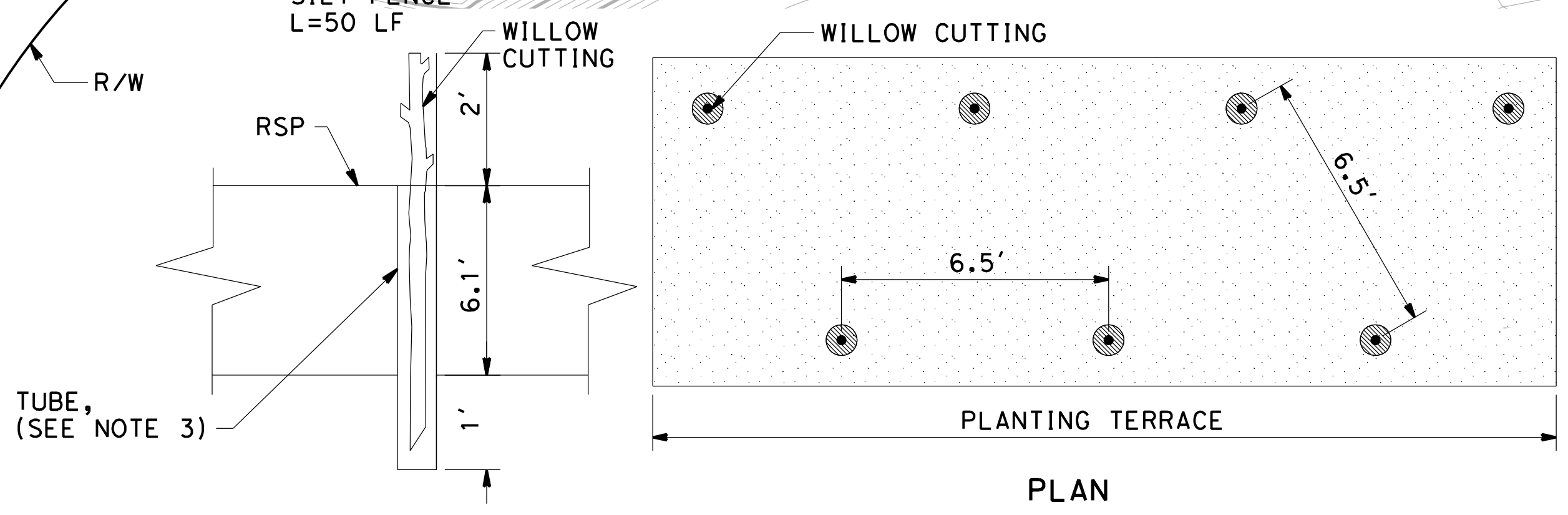
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670, P: 916.368.9181

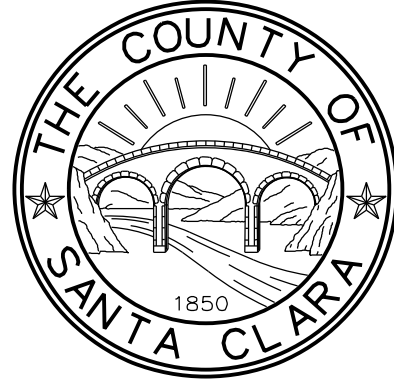
Carolyn D. Davis  
 No. 58440  
 Exp. 12/31/24  
 CIVIL



**PLANT (GROUP H) (WILLOW CUTTING)**



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

K. Panayotov 9/2020  
 R. Romeriz 9/2020  
 B. Grimm 9/2020

SUBMITTED: 9/2020  
 DESIGNED: 9/2020  
 DRAWN: 9/2020  
 CHECKED: 9/2020

BARNI RONCAL ASSISTANT CIVIL ENGINEER  
 ROCELIA KIMAK PRINCIPAL CIVIL ENGINEER  
 SOLOMON TELEGONE SENIOR CIVIL ENGINEER

APPROVED: 1/18/2023  
 Solomon Telegone No. 76913 Exp. 12/31/24 CIVIL

UVAS CREEK BRIDGE NO. 37C0094  
 REPLACEMENT AT UVAS ROAD  
 EROSION CONTROL AND TREE REMOVAL PLAN

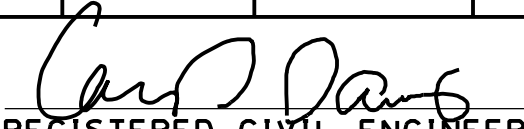
DRAWING No. EC-1  
 SHT No. 10 OF 39  
 Scale AS SHOWN

PCA C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.  
 FILE No.



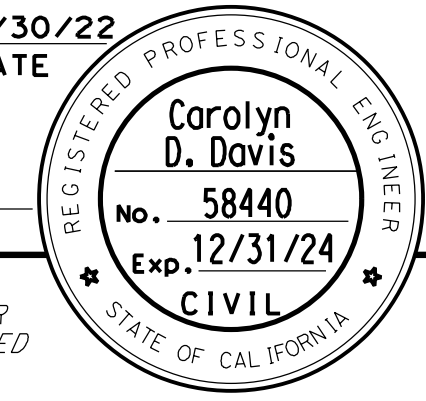
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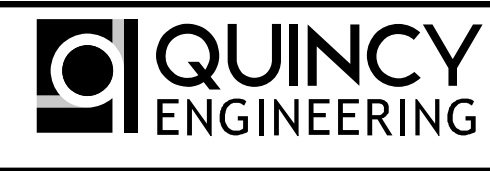
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		11	39

 11/30/22  
 REGISTERED CIVIL ENGINEER DATE

**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

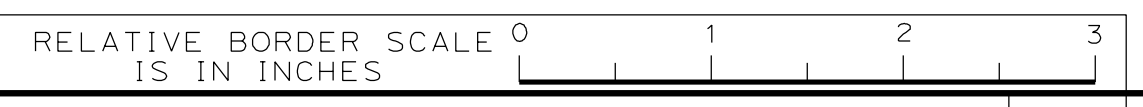




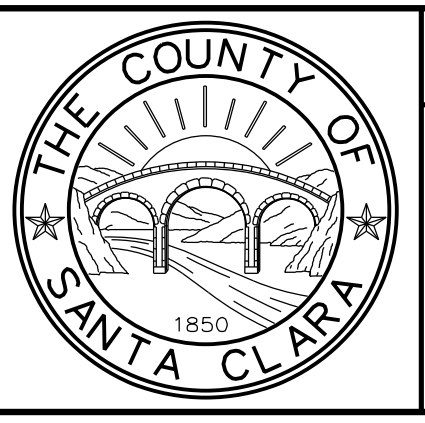
**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE,  
 SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

### EROSION CONTROL QUANTITIES

SHEET No.	FROM			TO			PLANT (GROUP H) (WILLOW CUTTING)	TEMPORARY DRAINAGE INLET PROTECTION	BIOFILTRATION SOIL MEDIA	CLASS 2 PERMEABLE MATERIAL	TEMPORARY HIGH-VISIBILITY FENCE	TEMPORARY SILT FENCE	FIBER ROLLS	ROLLED EROSION CONTROL PRODUCT (BLANKET)	HYDROMULCH	HYDROSEED MIX 1	HYDROSEED MIX 2
	LINE	STATION	L+/R+	LINE	STATION	L+/R+											
EC-1	"A"	20+11	L+	"A"	20+38	L+		1						130	130		130
EC-1	"A"	20+07	R+	"A"	22+48	R+		1					183	1297	1297		1297
EC-1	"A"	20+60	L+	"A"	24+83	L+		2					585	7474	7474		7474
EC-1	"A"	23+55	L+	"A"	24+73	L+			172	361			234	1955	1955	1955	
EC-1	"A"	23+12	R+	"A"	23+98	R+	25	1									
EC-1	"A"	24+83	L+	"A"	25+00	L+	7										
EC-1	"A"	25+30	R+	"A"	25+62	R+	14										
EC-1	"A"	25+36	R+	"A"	29+35	R+		1					359	4606	4606		4606
EC-1	"A"	25+85	L+	"A"	26+25	L+	20										
EC-1	"A"	26+10	L+	"A"	29+35	L+		3					567	5728	5728		5728
EC-1	"A"	26+75	L+	"A"	29+35	L+			253	336			512	2986	2986	2986	
EC-1	"A"	20+07	L+	"A"	20+70	L+					112						20615
EC-1	"A"	20+78	L+	"A"	25+94	L+					661						
EC-1	"A"	20+07	R+	"A"	23+99	R+					440						
EC-1	STAGING AREA			L+							450		321	20615	20615		
EC-1	"A"	20+11	R+	"A"	20+64	R+							50				
EC-1	"A"	23+12	R+	"A"	24+50	R+							141				
EC-1	"A"	25+40	L+	"A"	25+78	L+							55				
EC-1	"A"	25+30	R+	"A"	26+90	R+							184				
EC-1	"A"	26+12	L+	"A"	28+80	L+							280				
EC-1	BRIDGE			L+				2									
<b>TOTAL</b>							66	11	425	697	1663	710	2761	44791	44791	4941	39850



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>K. Panayotov</b> 9/2020 <small>DATE</small>	SUBMITTED: <small>DATE</small>	REVIEWED: <small>DATE</small>	APPROVED: <small>DATE</small>
DRAWN: <b>B. Grimm</b> 9/2020 <small>DATE</small>	CHECKED: <small>DATE</small>	DocuSigned by: <b>Rocelia Kmak</b> <small>77081EF45E4843E</small> ROCELIA KMAK PRINCIPAL CIVIL ENGINEER	DocuSigned by: <b>Solomon Tegegne</b> <small>8E580C3D1285E2</small> SOLOMON TELEGNE SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094  
REPLACEMENT AT UVAS ROAD**

**EROSION CONTROL QUANTITIES**

DRAWING No. **ECQ-1**  
 SHT. No. **11** OF **39**  
 Scale **AS SHOWN**

PCA **C4328**    ADVERTISEMENT DATE:    CONTRACT No.    FILE No.



DATE PLOTTED => 10:37:45 AM  
DATE PLOTTED => 1/17/2023  
FILE => S:\Client\Santa Clara County - S05 S05-100 Uvas Road\CAD\roadway\S05100-rhg001.dgn

**NOTES:**

1. THIS PLAN ACCURATE FOR CONTOUR GRADING WORK ONLY.
2. CONTOURS SHOWN REPRESENT FINISH GRADE SURFACE.
3. FOR WILLOW CUTTING, SEE EROSION CONTROL PLAN.

**LEGEND:**

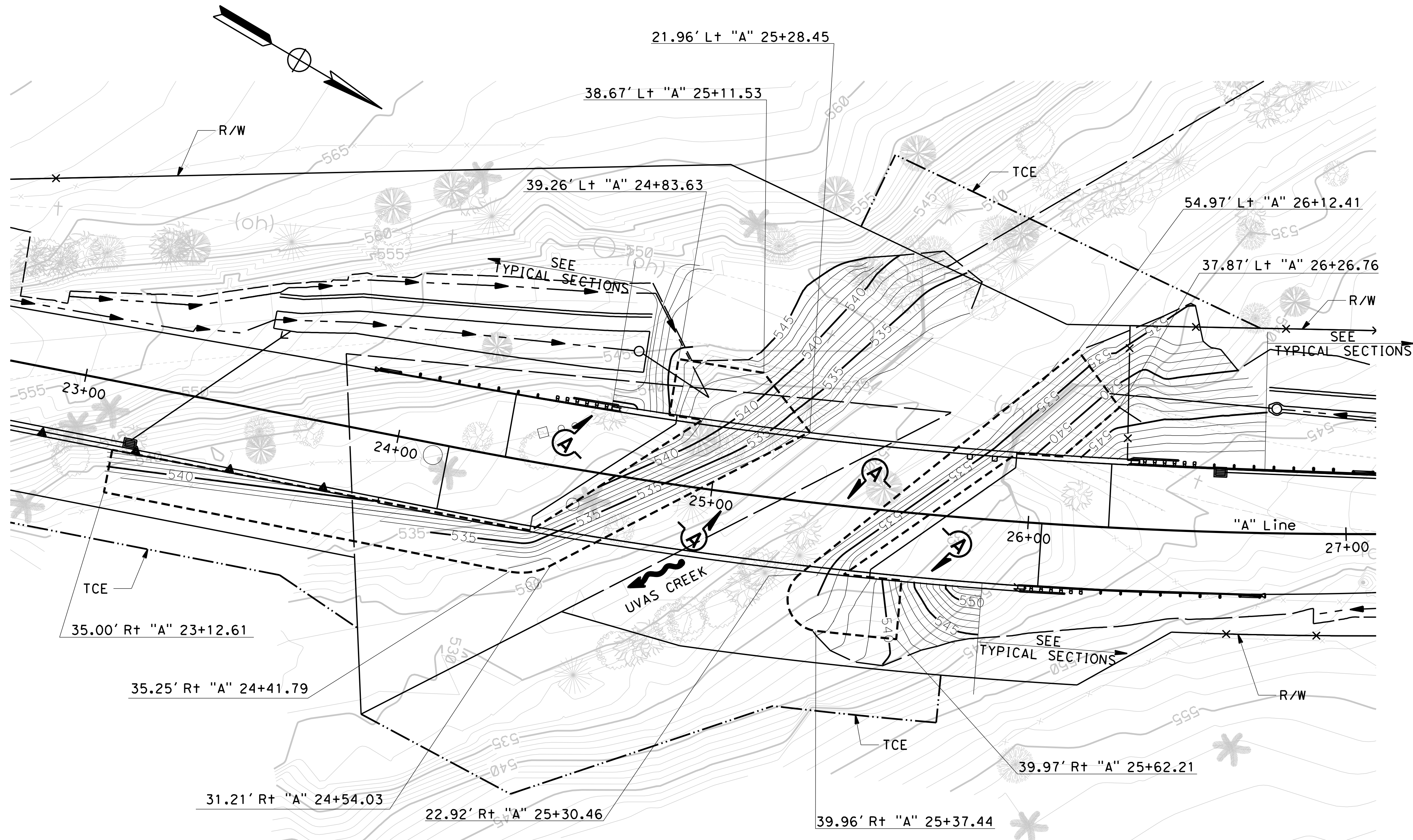
----- LIMITS OF RSP

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		12	39

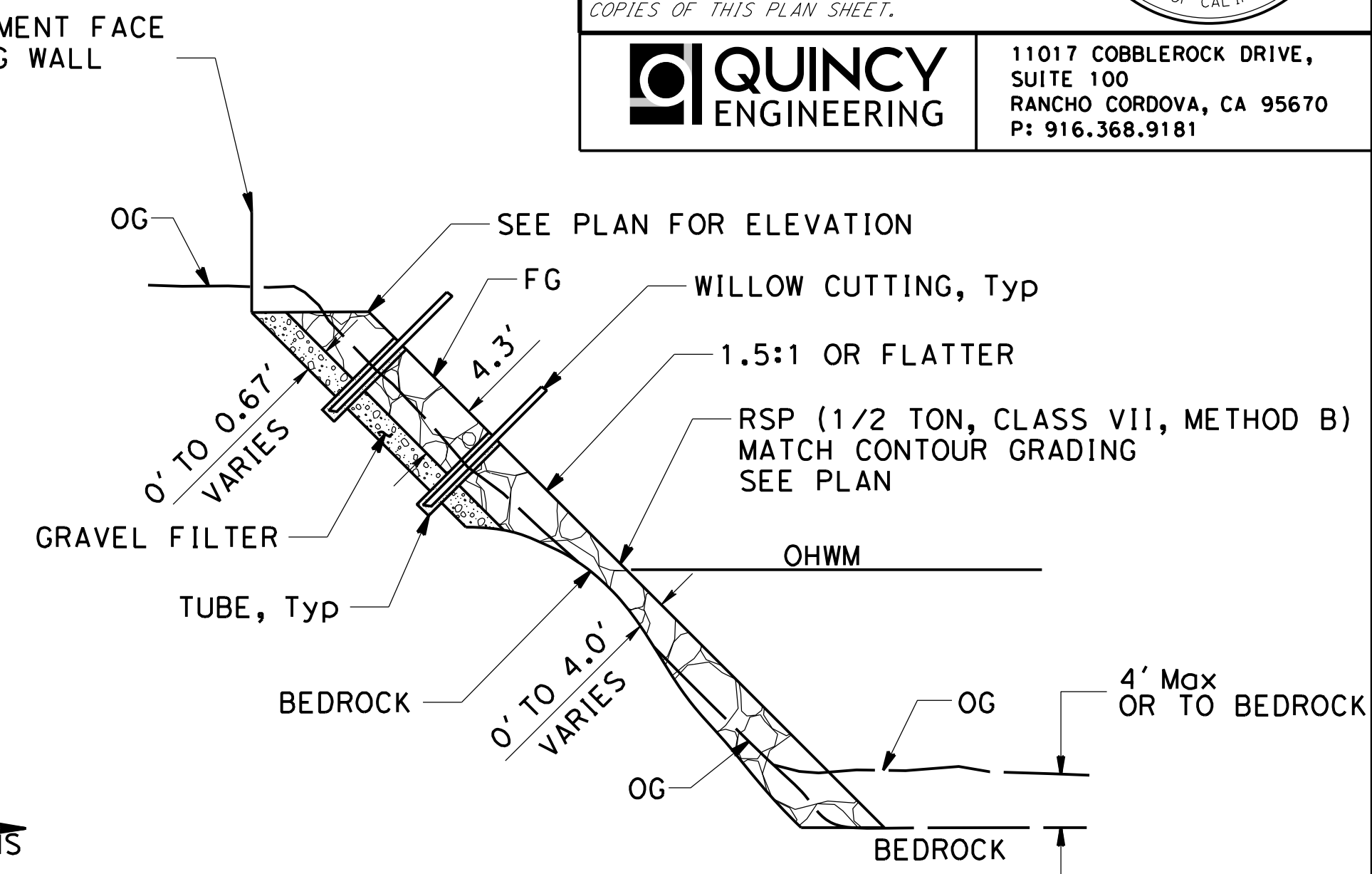
*Carolyn D. Davis*  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

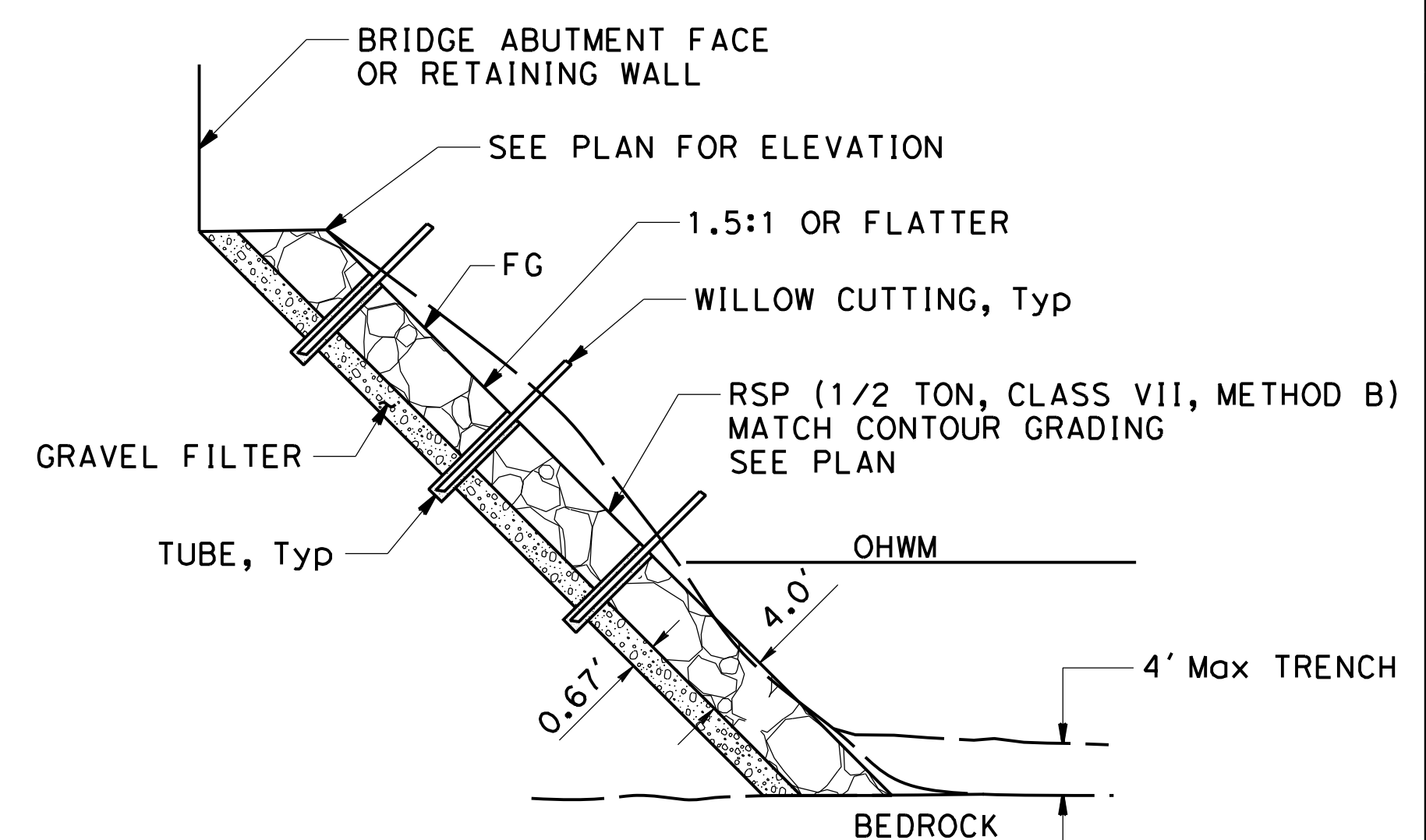
**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181



**PLAN**  
CONTOUR GRADING AND RSP LIMITS



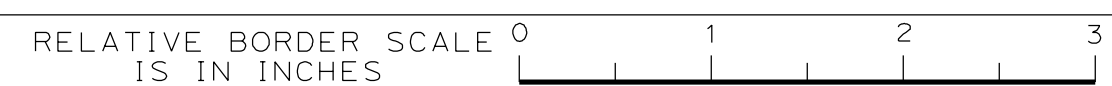
**A-A**  
**RSP ON EXPOSED BEDROCK**  
NO SCALE



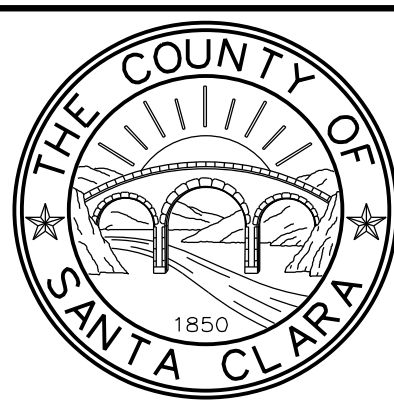
**A-A**  
**BEDROCK BELOW RSP**  
NO SCALE

**NOTE:**

RSP SECTIONS SHOWN ARE TYPICAL FOR ALL RSP AREAS SHOWN.



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: **K. Panayotov** 9/2020  
 DRAWN: **R. Romeriz** 9/2020  
 CHECKED: **B. Grimm** 9/2020

SUBMITTED: *Carri Roncal*  
 ASSISTANT CIVIL ENGINEER

REVIEWED: *Rocelia Kmak*  
 PRINCIPAL CIVIL ENGINEER

APPROVED: *Solomon Tegegne*  
 SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**CONTOUR GRADING**

DRAWING No. **G-1**  
 SHEET No. **12** OF **39**  
 Scale **1" = 20'**

PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.



DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:37:49 AM FILE => S:\Client\Santa Clara County - S05 S05-100 Uvas Road\CAD\roadway\S05100-1\001.dgn

**NOTES:**

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE COUNTY OFFICE.
2. UNLESS NOTED OTHERWISE, STATION AND OFFSET TIES TO CENTER OF DRAINAGE STRUCTURES AT FLOW LINE.
4. FOR UTILITY INFORMATION, SEE LAYOUT SHEET.
5. CONTRACTOR SHALL POSITIVELY DETERMINE ALL HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES PRIOR TO ORDERING MATERIALS OF ANY COMPONENT OF ANY DRAINAGE SYSTEM.
6. FOR ROCK CHECK DAM LOCATIONS, SEE DRAINAGE DETAILS.
7. FOR HEADWALL DETAILS, SEE STANDARD PLAN D89.

**LEGEND:**

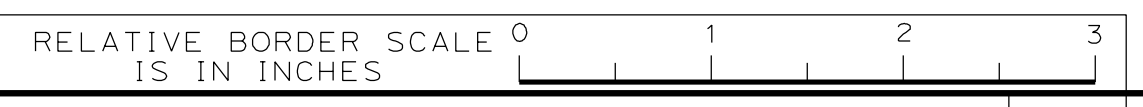
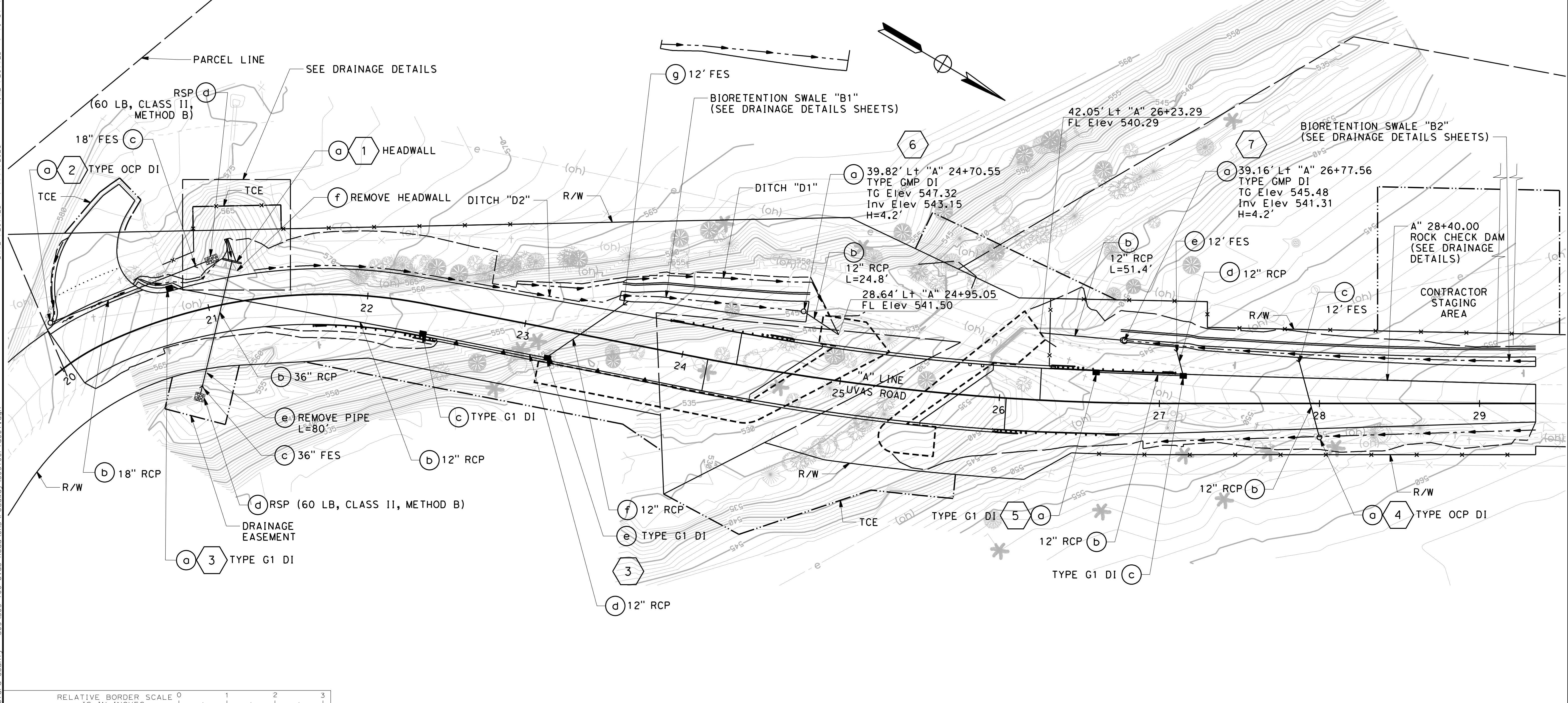
- (XXX) DRAINAGE SYSTEM NUMBER
- (XX) DRAINAGE UNIT NUMBER
- LIMITS OF RSP
- > DIRECTION OF DITCH FLOW
- ==== BIORETENTION SWALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		13	39

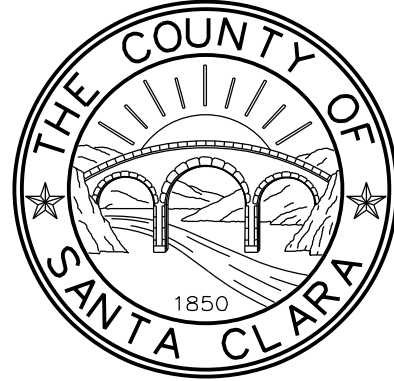
*Carolyn D. Davis*  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED <b>K. Panayotov</b> 9/2020	DATE	SUBMITTED:	REVIEWED:	APPROVED:
DRAWN <b>R. Romeriz</b> 9/2020	DATE	DocuSigned by: <i>Barni Roncal</i> 77081EF45E4843E...	DocuSigned by: <i>Rocelia Kmak</i> B51EF2838F5489...	DocuSigned by: <i>Solomon Tegegne</i> 8E568C3D12854E2 1/18/2023
CHECKED <b>B. Grimm</b> 9/2020	DATE	<b>BARNI RONCAL</b> ASSISTANT CIVIL ENGINEER	<b>ROCELIA KMAK</b> PRINCIPAL CIVIL ENGINEER	<b>SOLOMON TELEGNE</b> SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**DRAINAGE PLAN**

DRAWING No. **D-1**

SHT No. **13** OF **39**

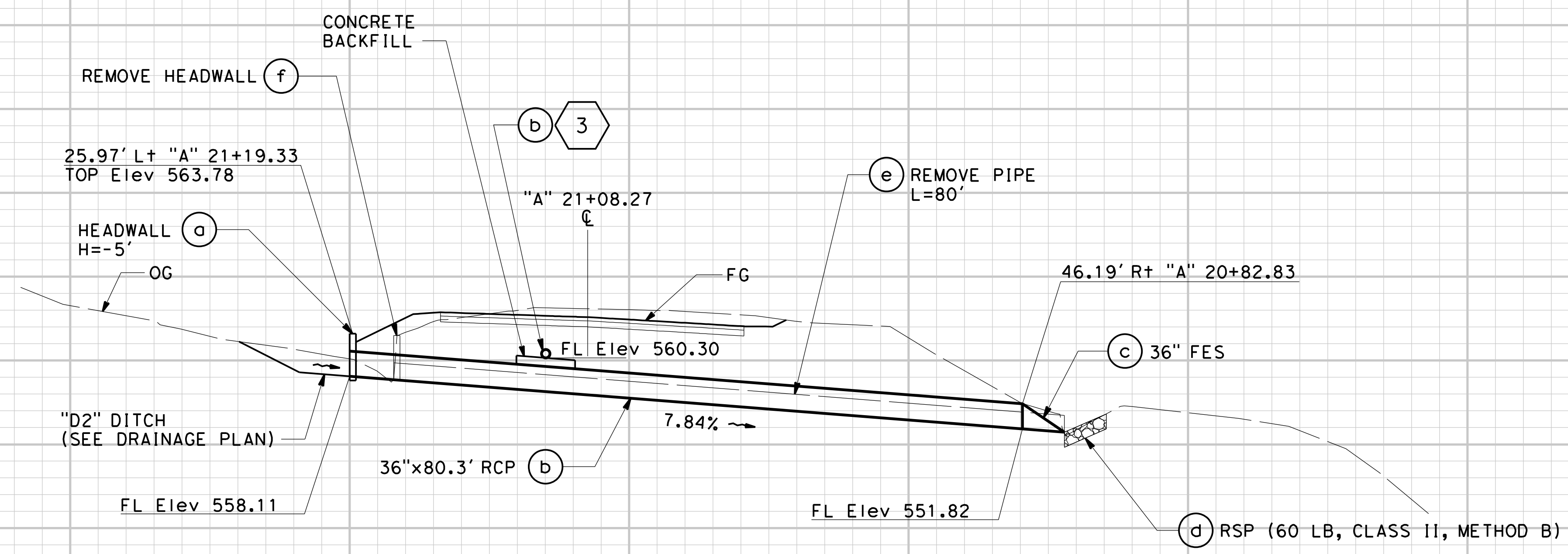
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PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.

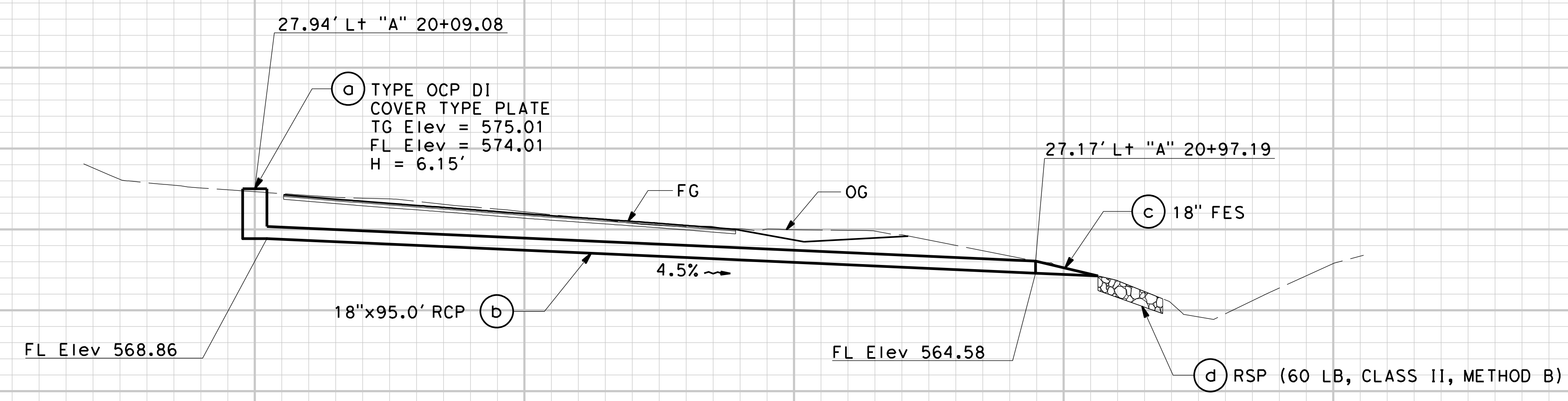


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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		14	39
			11/30/22		
			REGISTERED CIVIL ENGINEER DATE		
			December 20, 2022		
			PLANS APPROVAL DATE		
<p>THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</p>					
			11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181		



**DRAINAGE SYSTEM No. 1**  
"A" 21+08.27

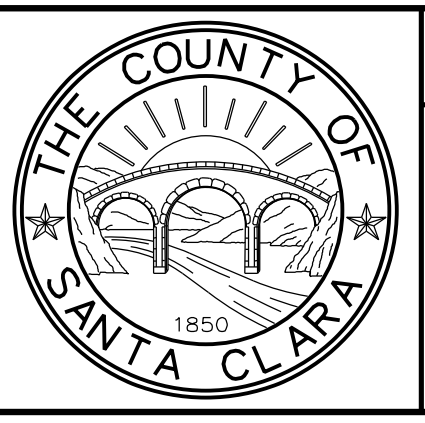


**DRAINAGE SYSTEM No. 2**  
"A" 20+09.08 TO "A" 21+04.22

**PROFILE**  
1" = 10' Horiz  
1" = 10' Vert

STATION	20+00	21+00	22+00	TOTAL
CY				
Exc				
Emb				

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>K. Panayotov</b> 9/2020 DATE	SUBMITTED: DATE	REVIEWED: DATE	APPROVED: DATE
DRAWN: <b>B. Grimm</b> 9/2020 DATE	DocuSigned by: <b>Barni Roncal</b> ASSISTANT CIVIL ENGINEER	DocuSigned by: <b>Rocelia Kmak</b> PRINCIPAL CIVIL ENGINEER	DocuSigned by: <b>Solomon Tegegne</b> SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**DRAINAGE PROFILES**

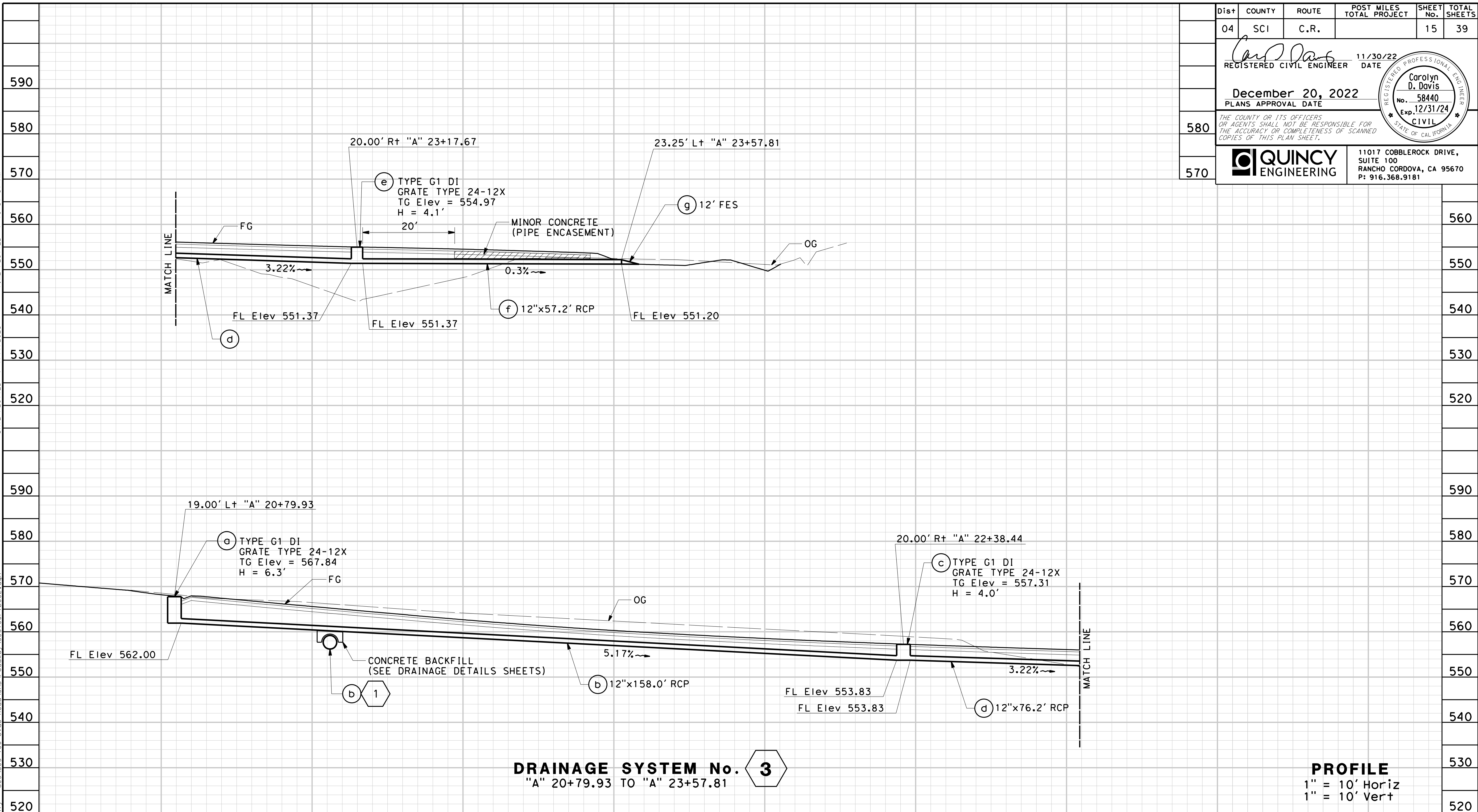
DRAWING No. **DP-1**

SHT No. **14** OF **39**

Scale **AS SHOWN**

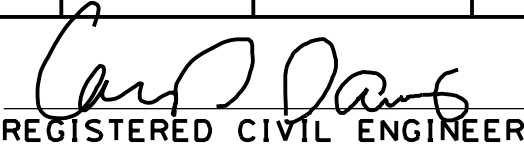
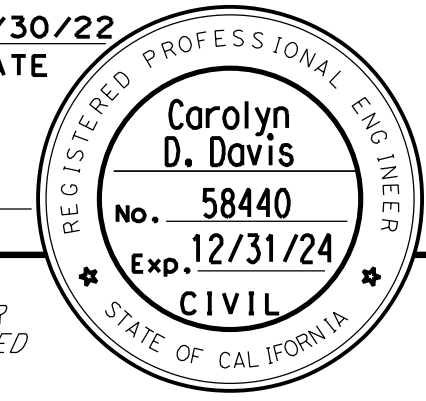
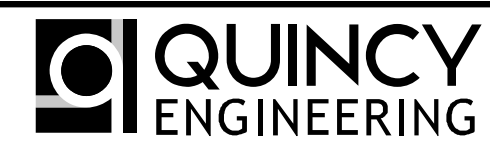


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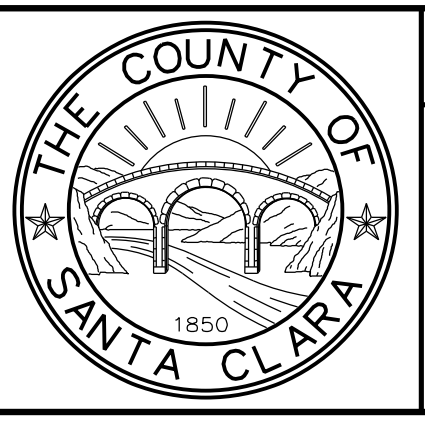
**DRAINAGE SYSTEM No. 3**  
"A" 20+79.93 TO "A" 23+57.81


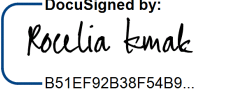
**PROFILE**  
1" = 10' Horiz  
1" = 10' Vert

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		15	39
 REGISTERED CIVIL ENGINEER DATE 11/30/22					
December 20, 2022 PLANS APPROVAL DATE					
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
 <b>QUINCY ENGINEERING</b>			11017 COBBLEROCK DRIVE, SUITE 100 RANCHO CORDOVA, CA 95670 P: 916.368.9181		

STATION	20+00	21+00	22+00	TOTAL
Exc				
Emb				

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD

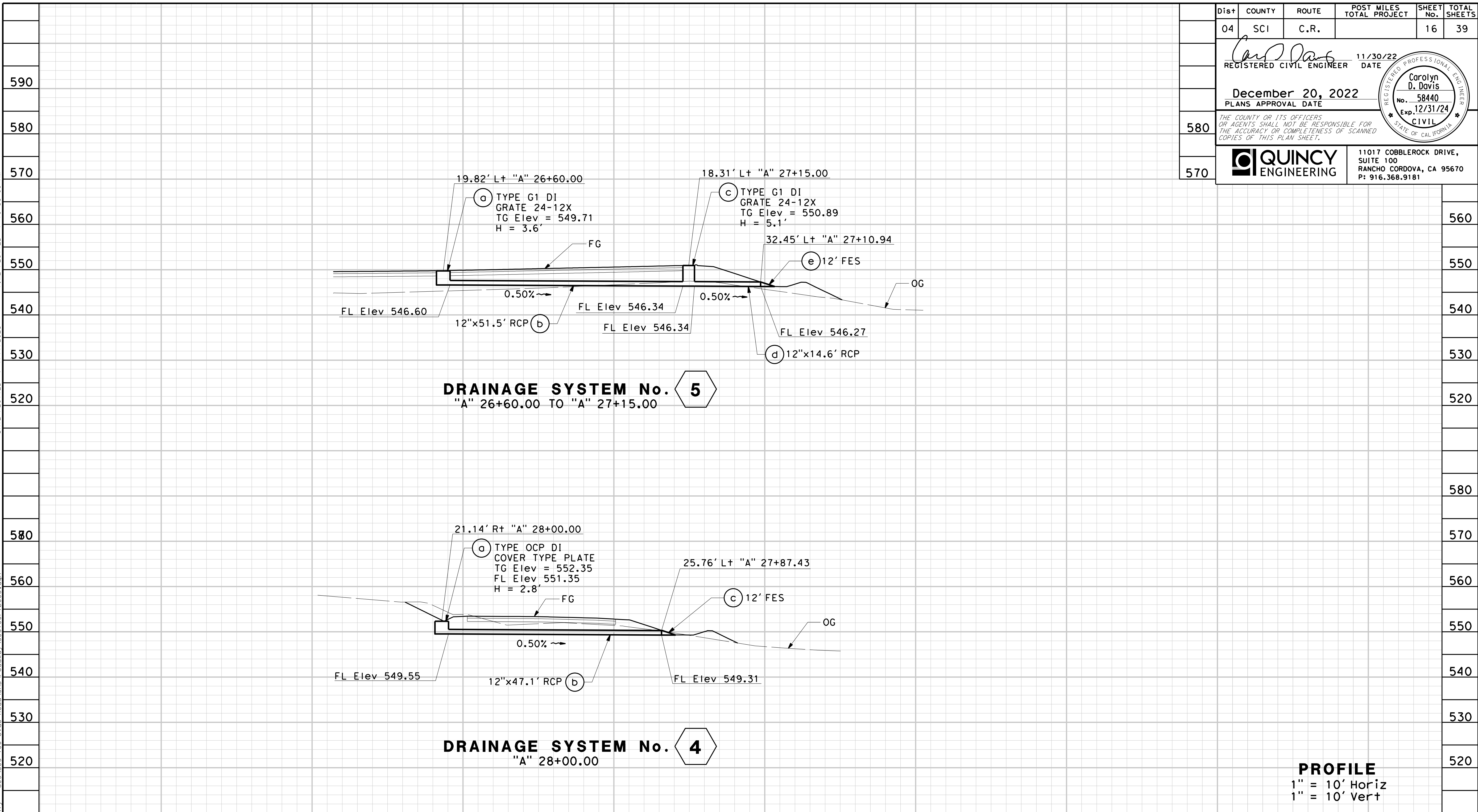


COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT			
DESIGNED	DATE	SUBMITTED	
K. Panayotov	9/2020		
DRAWN	DATE	REVIEWED	
R. Romeriz	9/2020		
CHECKED	DATE	APPROVED	
B. Grimm	9/2020		
		 BARNI RONCAL ASSISTANT CIVIL ENGINEER	 ROCELIA KMAK PRINCIPAL CIVIL ENGINEER

UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD		DRAWING No. <b>DP-2</b>
<b>DRAINAGE PROFILES</b>		SHT No. 15 OF 39
PCA C4328	ADVERTISEMENT DATE:	CONTRACT No. FILE No.
Scale AS SHOWN		



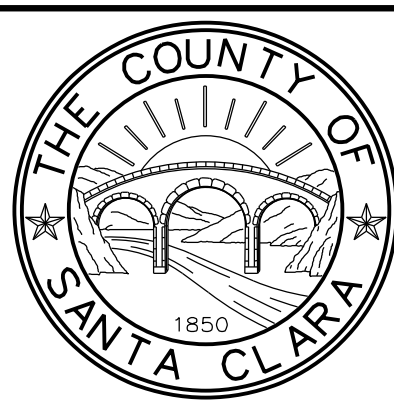
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 TIME PLOTTED => 10:38:00 AM



**PROFILE**  
1" = 10' Horiz  
1" = 10' Vert

STATION	20+00	21+00	22+00	TOTAL
Exc				
Emb				

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED BY <b>K. Panayotov</b> 9/2020	SUBMITTED DATE 9/2020	REVIEWED BY <b>Rocelia Kmak</b> 1/18/2023	APPROVED BY <b>Solomon Tegegne</b> 1/18/2023
DRAWN BY <b>B. Grimm</b> 9/2020	CHECKED BY <b>Barni Roncal</b> ASSISTANT CIVIL ENGINEER	DESIGNED BY <b>Rocelia Kmak</b> PRINCIPAL CIVIL ENGINEER	APPROVED BY <b>Solomon Tegegne</b> SENIOR CIVIL ENGINEER

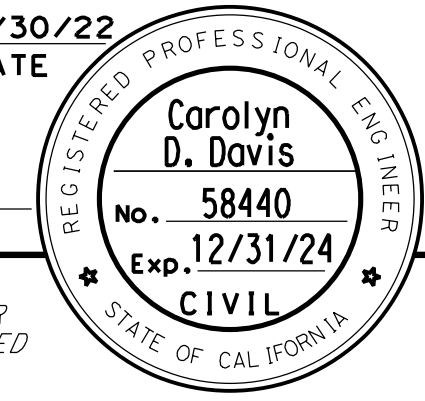
**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**DRAINAGE PROFILES**

DRAWING No. **DP-3**  
SHT No. **16** OF **39**  
Scale **AS SHOWN**

PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		16	39
			11/30/22		
			DATE		
REGISTERED CIVIL ENGINEER <b>December 20, 2022</b> PLANS APPROVAL DATE					
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
<b>QUINCY ENGINEERING</b>			11017 COBBLEROCK DRIVE, SUITE 100 RANCHO CORDOVA, CA 95670 P: 916.368.9181		





DATE PLOTTED => 10:38:04 AM  
 DATE PLOTTED => 1/17/2023  
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**NOTES:**

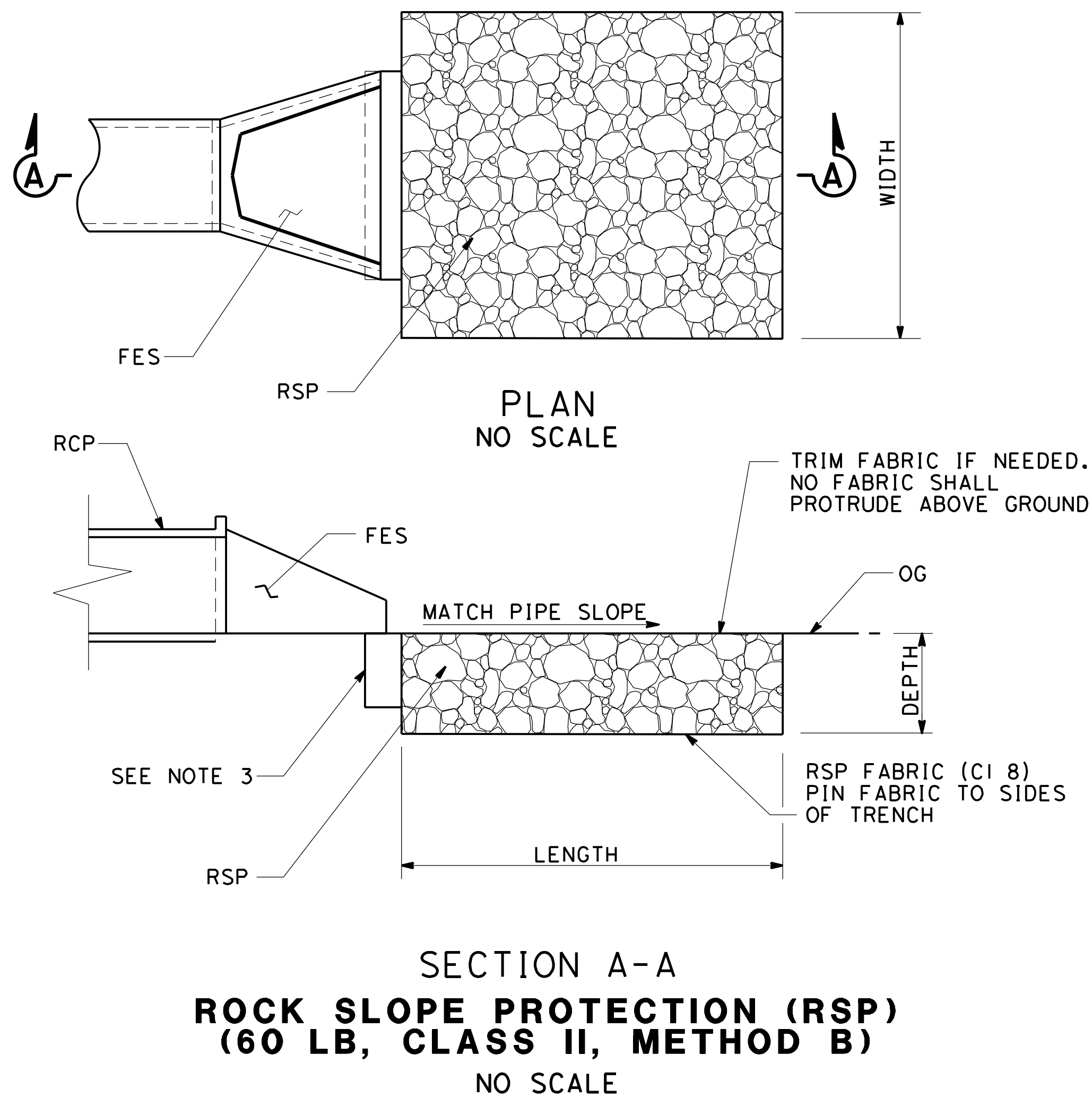
- FOR RSP CLASS AND DIMENSIONS, SEE TABLE 1.
- FOR FLARED END SECTION DETAILS NOT SHOWN, SEE STANDARD PLAN D94B.
- CUTOFF WALL ONLY PRESENT WITH CONCRETE FES, SEE STANDARD PLAN D94B.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		17	39

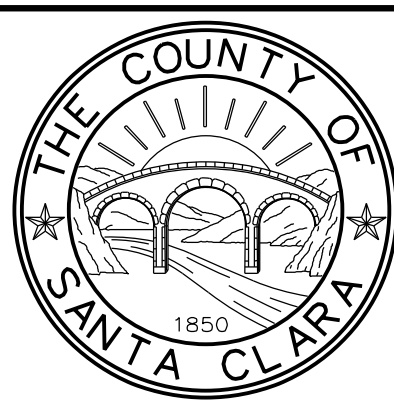
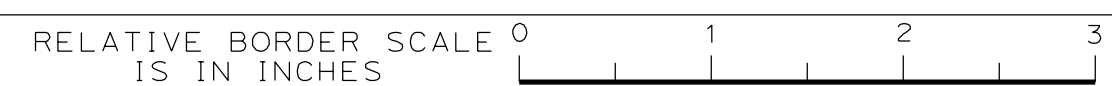
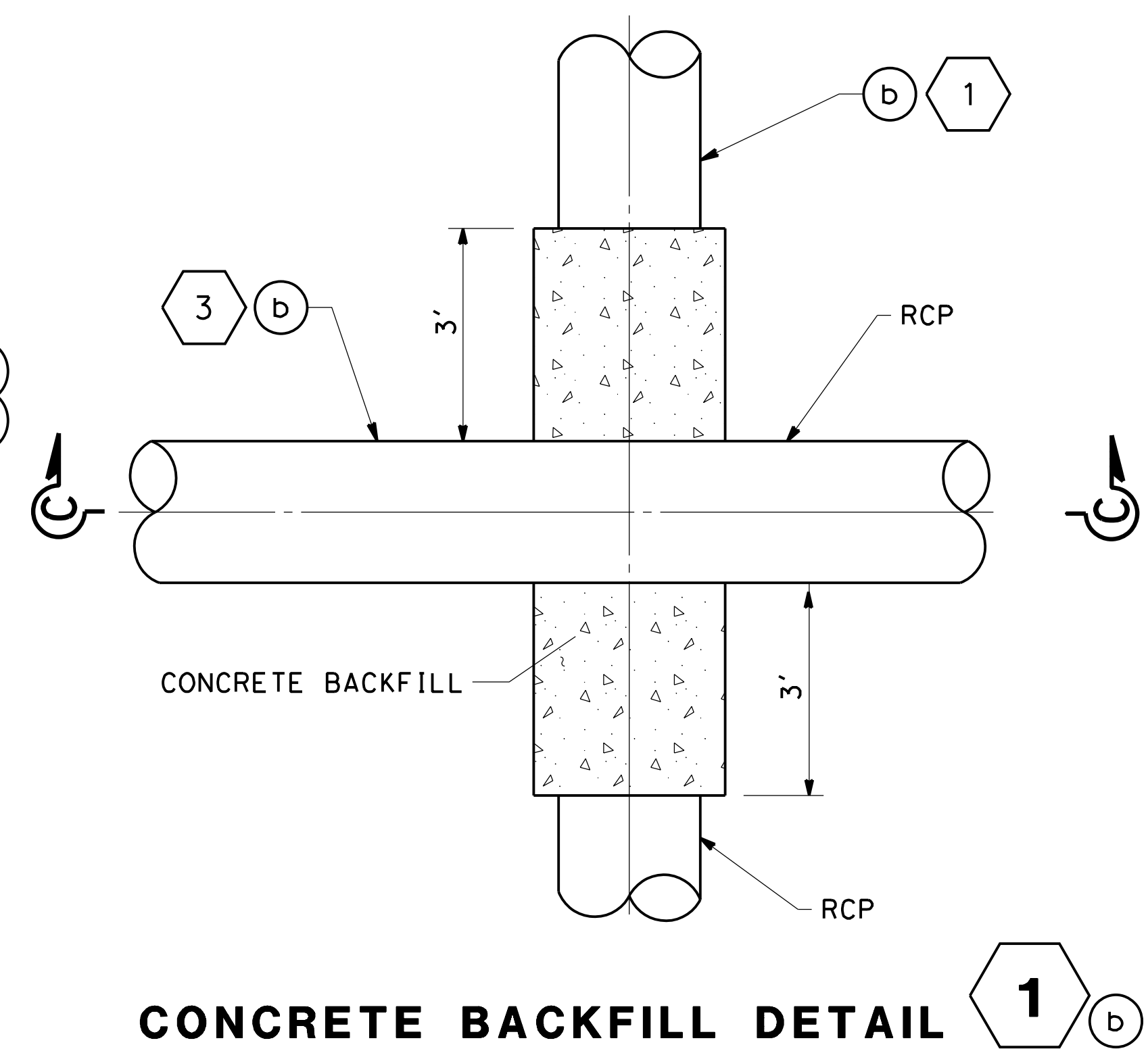
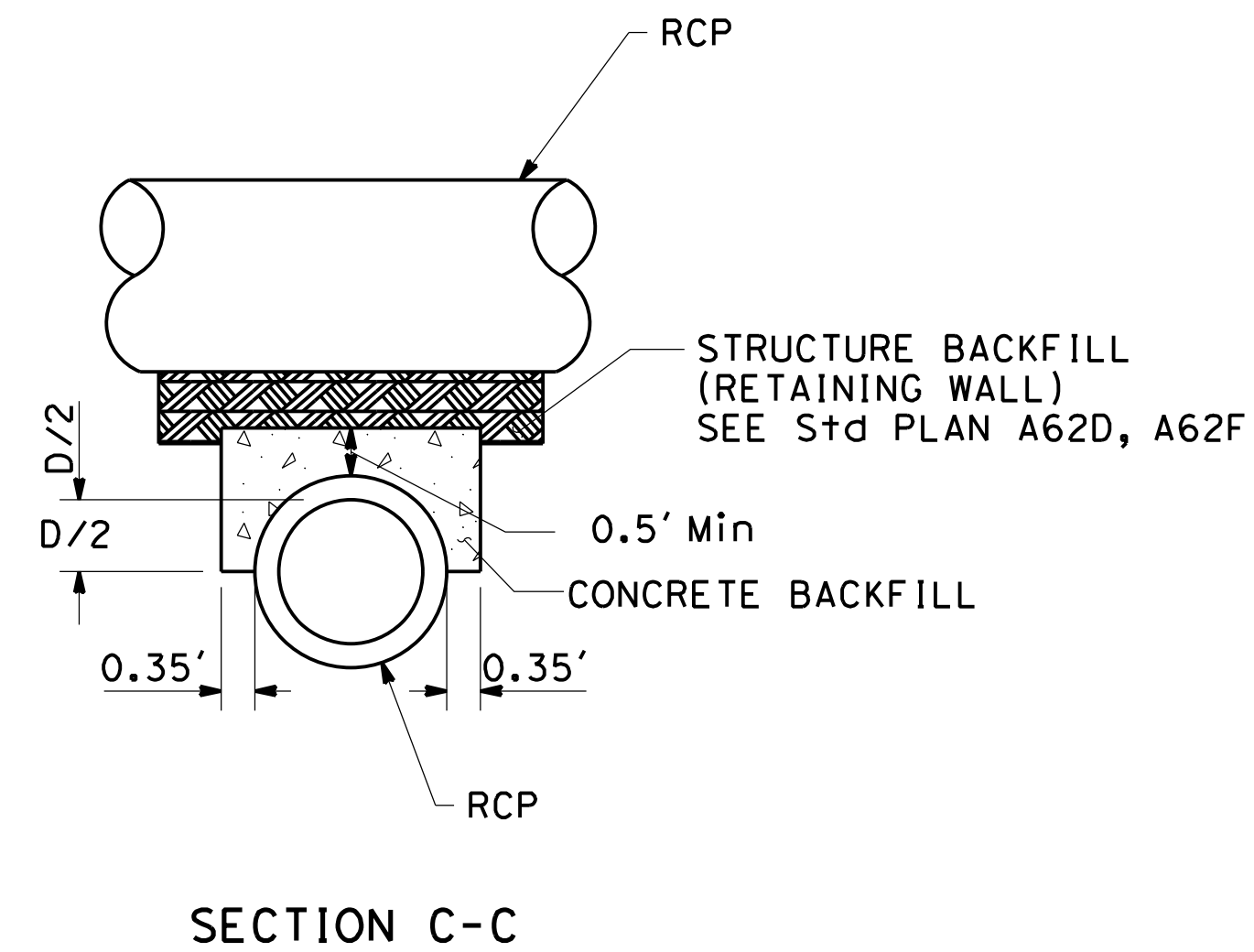
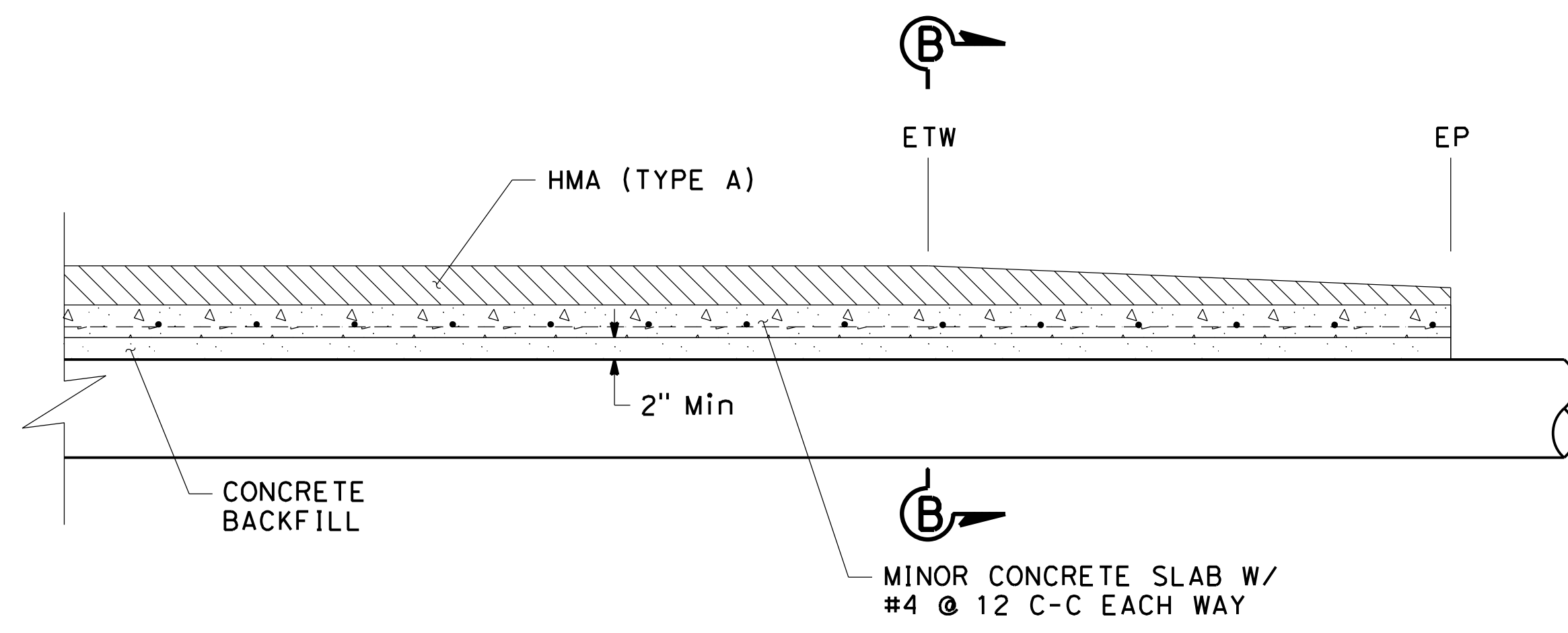
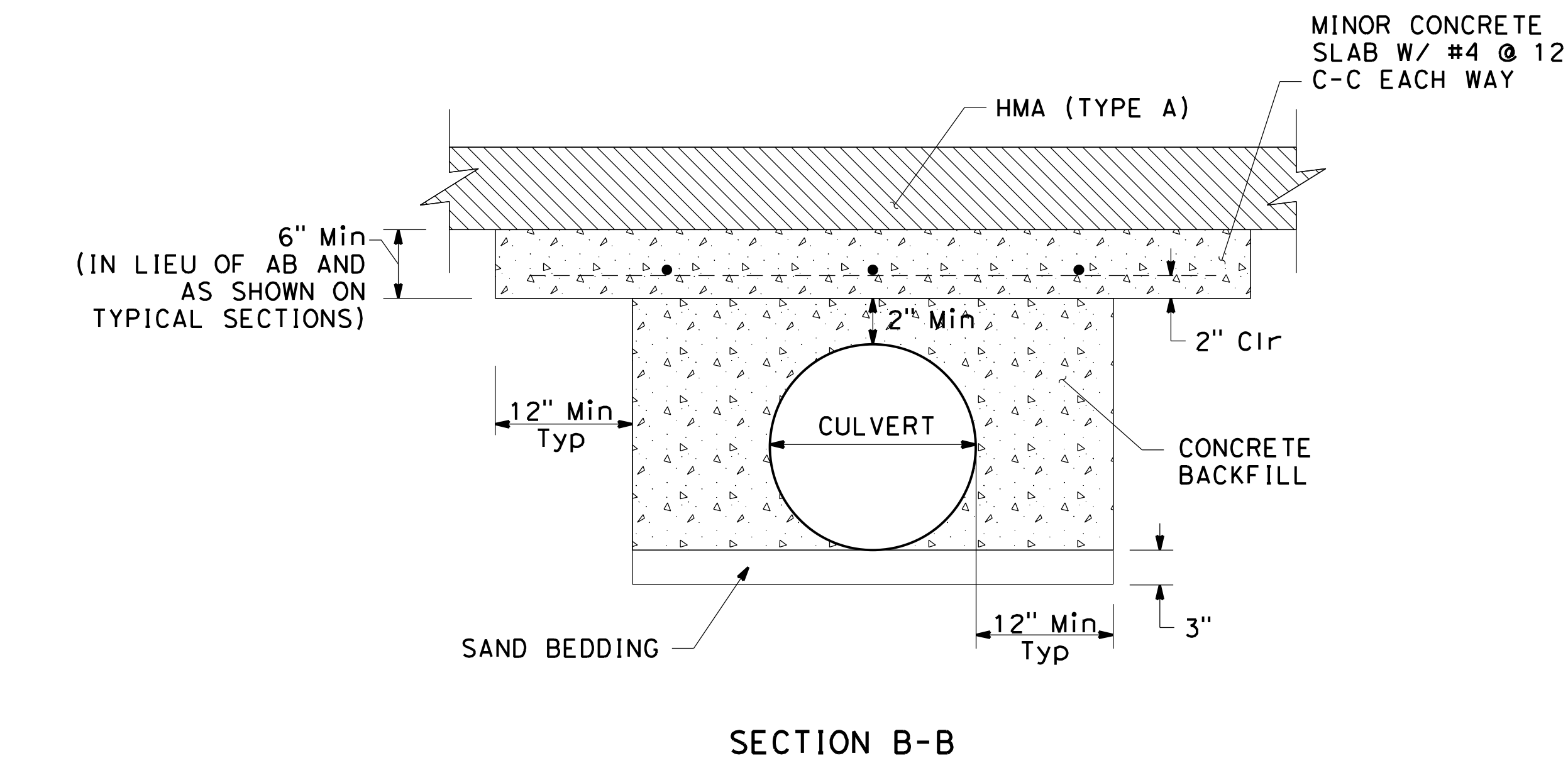
REGISTERED CIVIL ENGINEER  
 11/30/22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181



DRAINAGE UNIT	RSP CLASS	LENGTH	DEPTH	WIDTH
		FT	FT	FT
1d	60 LB, CLASS II, METHOD B	5.0	1.8	6.0
2d	60 LB, CLASS II, METHOD B	8.0	1.8	4.5



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

DESIGNED BY <b>K. Panayotov</b> 9/2020	DATE 9/2020	APPROVED BY <b>Solomon Tegegne</b> 1/18/2023	DATE 1/18/2023
DRAWN BY <b>R. Romeriz</b> 9/2020	DATE 9/2020	APPROVED BY <b>Rocelia Kmak</b> 1/18/2023	DATE 1/18/2023
CHECKED BY <b>B. Grimm</b> 9/2020	DATE 9/2020	APPROVED BY <b>Solomon Tegegne</b> 1/18/2023	DATE 1/18/2023

UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD

**DRAINAGE DETAILS**

DD-1

17 OF 39

AS SHOWN



DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:38:09 AM

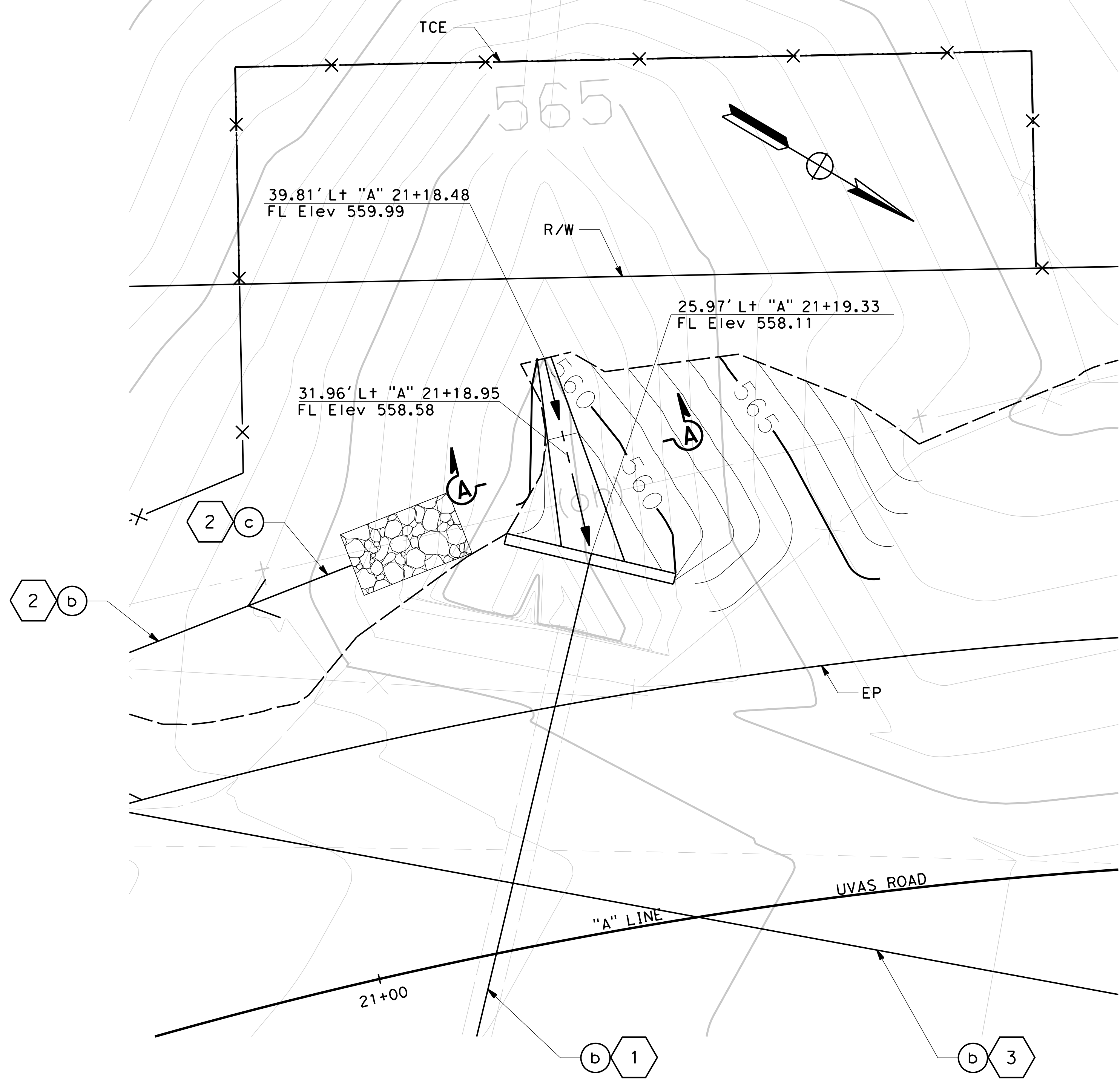
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		18	39

*Carol Davis*  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

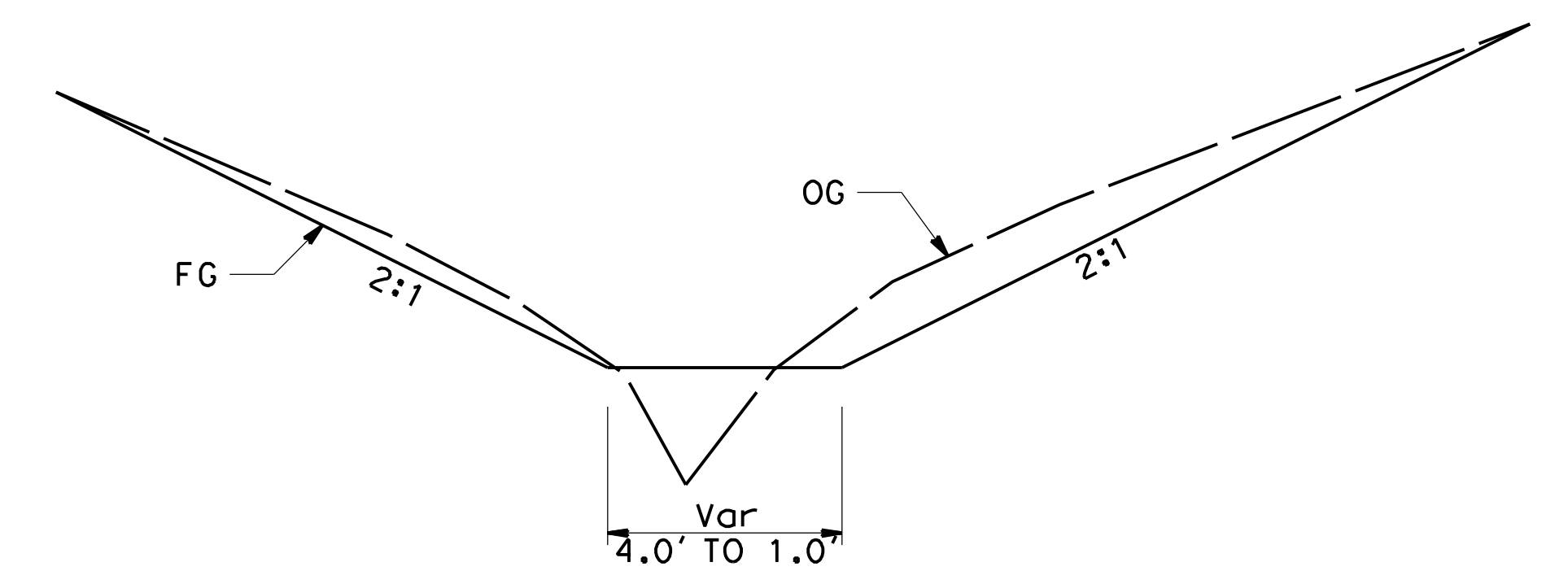
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181

REGISTERED PROFESSIONAL ENGINEER  
**Carolyn D. Davis**  
 No. 58440  
 Exp. 12/31/24  
 CIVIL  
 STATE OF CALIFORNIA

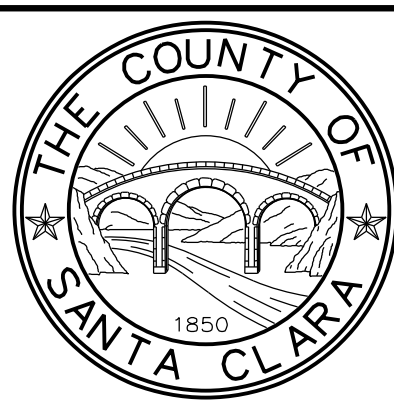


**DETAIL A  
CONTOUR GRADING**  
SCALE: 1" = 5'



**SECTION A-A  
NO SCALE**

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: **K. Panayotov** 9/2020  
 DRAWN: **R. Romeriz** 9/2020  
 CHECKED: **B. Grimm** 9/2020

SUBMITTED: *Barni Roncal*  
 ASSISTANT CIVIL ENGINEER

REVIEWED: *Rocelia Kmak*  
 PRINCIPAL CIVIL ENGINEER

APPROVED: *Solomon Tegegne*  
 SENIOR CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER  
**Solomon Tegegne**  
 No. 76913  
 Exp. 12/31/24  
 CIVIL  
 STATE OF CALIFORNIA

**UVAS CREEK BRIDGE NO. 37C0094  
REPLACEMENT AT UVAS ROAD**

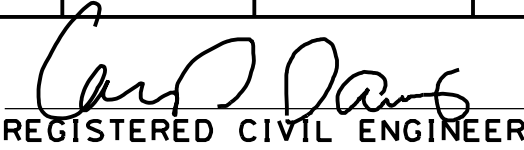
**DRAINAGE DETAILS**

DRAWING No. **DD-2**  
 SHT No. **18** OF **39**  
 Scale **AS SHOWN**

PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.

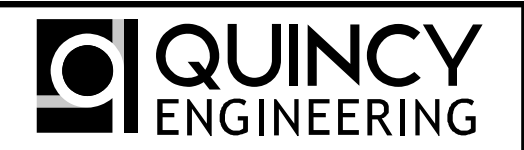


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		19	39

  
 REGISTERED CIVIL ENGINEER DATE 11/30/22

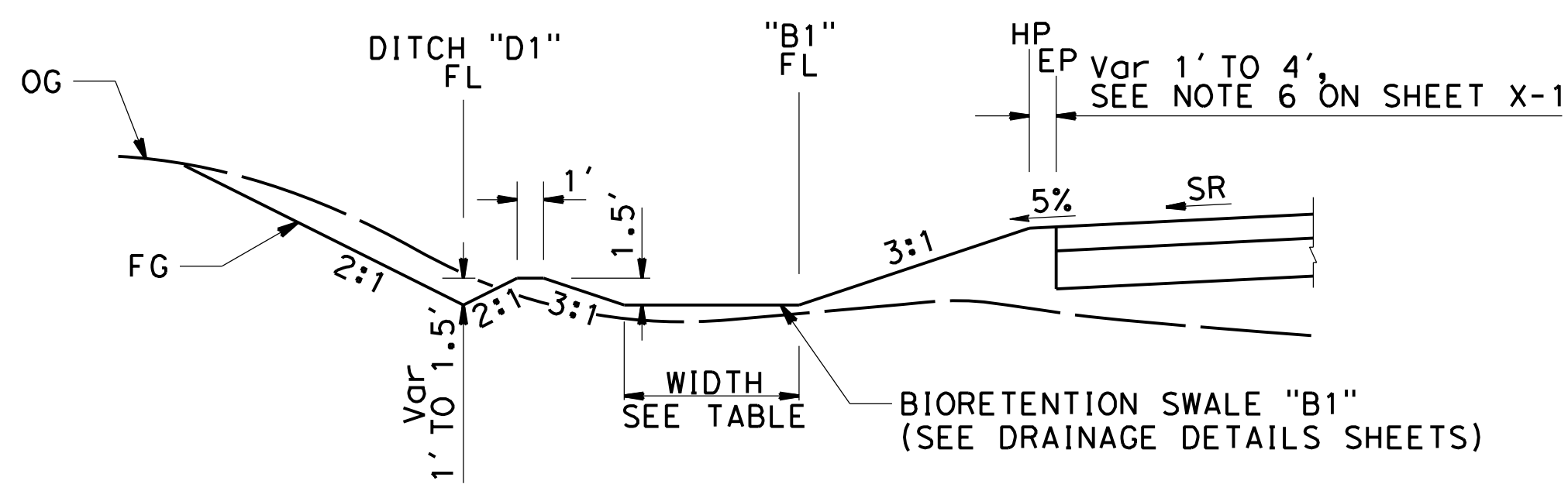
**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**QUINCY ENGINEERING**

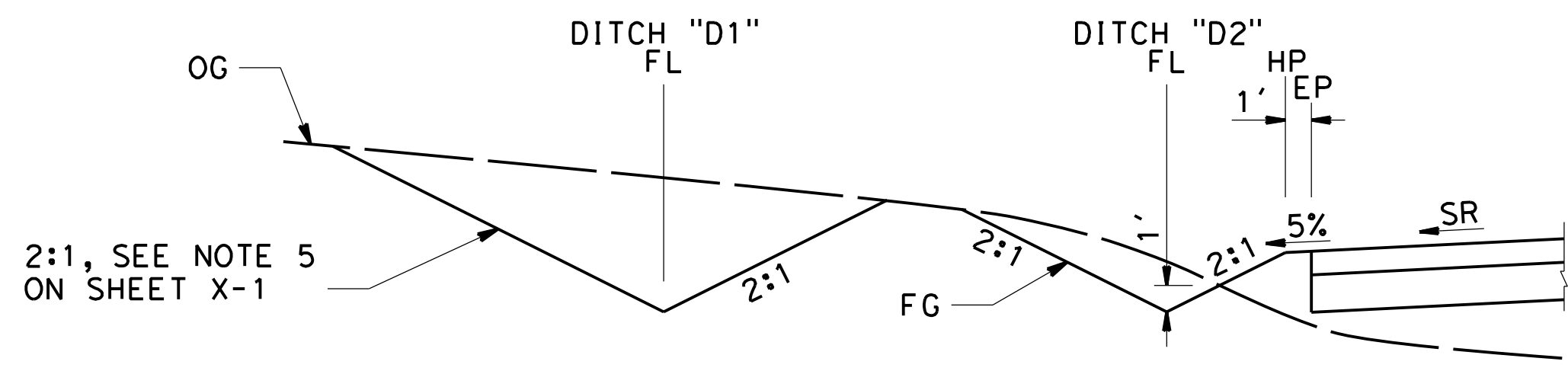
11017 COBBLEROCK DRIVE,  
SUITE 100  
RANCHO CORDOVA, CA 95670  
P: 916.368.9181



**BIORETENTION SWALE "B1"**  
Sta "A" 23+55.00 TO Sta "A" 24+73.11  
NO SCALE

**BIORETENTION SWALE B1**

STATION	LINE	FL OFFSET	Lt/Rt	WIDTH	FL Elev	SLOPE (%)
23+55.00	"A"	28.59'	L+	5.50'	551.41	-4.00
23+60.00	"A"	25.98'	L+	5.82'	551.21	-4.00
23+80.00	"A"	29.12'	L+	7.09'	550.40	-4.00
24+00.00	"A"	30.01'	L+	8.36'	549.60	-4.00
24+20.00	"A"	30.92'	L+	9.63'	548.80	-4.00
24+40.00	"A"	31.75'	L+	10.90'	548.01	-4.00
24+60.00	"A"	32.55'	L+	12.17'	547.23	-4.00
24+73.11	"A"	33.48'	L+	13.00'	546.72	-4.00



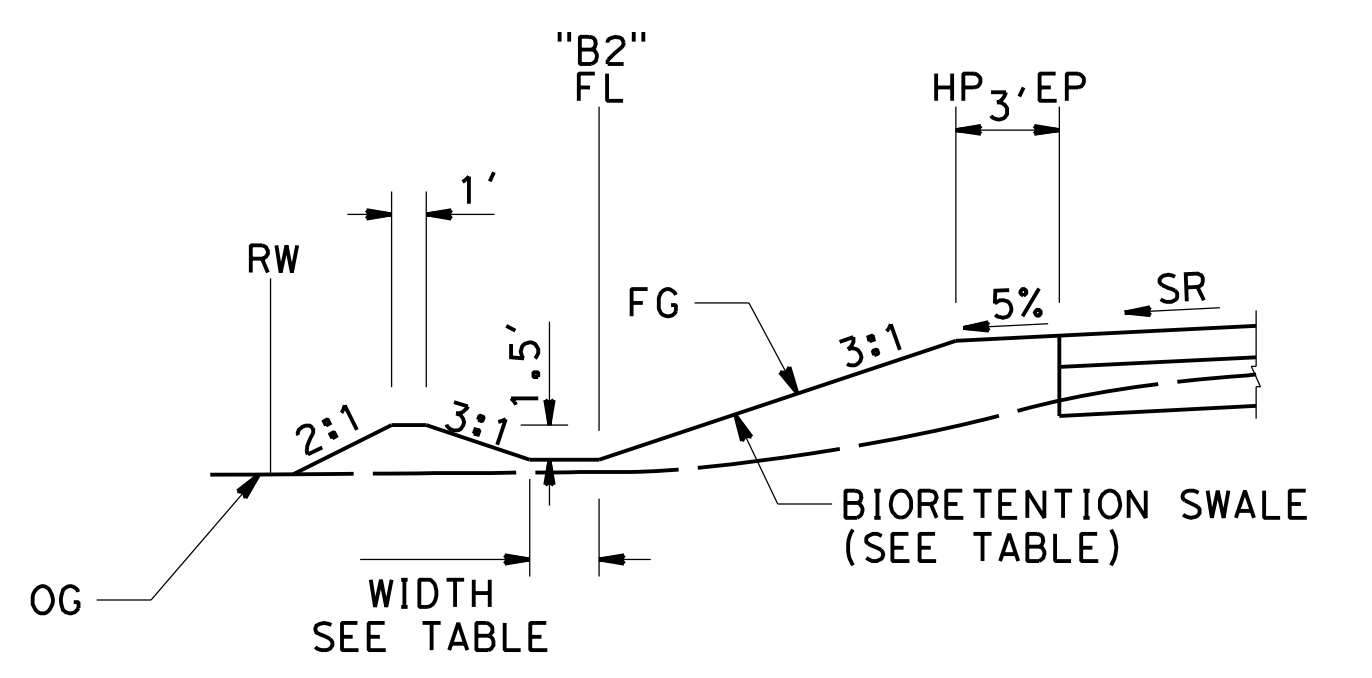
**DITCH "D1"**  
Sta "A" 22+90.00 TO Sta "A" 23+55.00  
NO SCALE

**DITCH "D1"**

STATION	LINE	FL OFFSET	Lt/Rt	FL Elev	SLOPE (%)
22+90.00	"A"	23.31'	L+	555.10	
23+00.00	"A"	24.55'	L+	554.54	-5.60
23+20.00	"A"	27.02'	L+	553.43	-5.55
23+30.00	"A"	28.26'	L+	552.88	-5.50
23+40.00	"A"	31.89'	L+	552.29	-5.90
23+55.00	"A"	37.34'	L+	551.41	-5.87
23+60.00	"A"	39.86'	L+	554.43	-9.60
23+80.00	"A"	46.15'	L+	549.68	-5.85
24+00.00	"A"	49.21'	L+	548.43	-6.55
24+20.00	"A"	52.20'	L+	547.22	-6.90
24+40.00	"A"	54.60'	L+	546.28	-5.75
24+60.00	"A"	56.78'	L+	545.45	-4.10
24+73.11	"A"	58.61'	L+	544.90	-3.51

**DITCH "D2"**

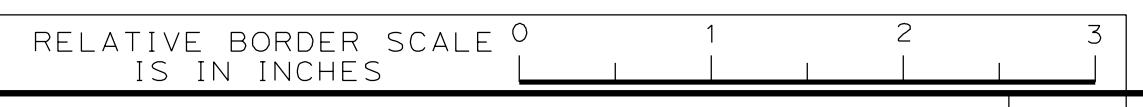
STATION	LINE	FL OFFSET	Lt/Rt	FL Elev	SLOPE (%)
22+90.00	"A"	19.16'	L+	555.19	
23+00.00	"A"	19.36'	L+	554.75	-4.40
23+20.00	"A"	19.77'	L+	553.90	-4.25
23+30.00	"A"	19.97'	L+	553.50	-4.00
23+40.00	"A"	21.93'	L+	552.72	-7.80
23+45.00	"A"	22.37'	L+	552.36	-7.20
23+55.00	"A"	28.59'	L+	551.41	-9.50



**BIORETENTION SWALE "B2"**  
Sta "A" 26+75.00 TO Sta "A" 29+35.09  
NO SCALE

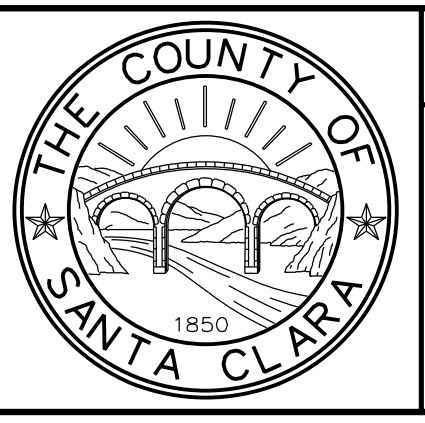
**BIORETENTION SWALE B2**

STATION	LINE	FL OFFSET	Lt/Rt	WIDTH	FL Elev	SLOPE (%)
26+75.00	"A"	38.36'	L+	2.00'	544.88	4.00
26+80.00	"A"	37.99'	L+	2.08'	545.08	4.00
27+00.00	"A"	36.33'	L+	2.39'	545.88	4.00
27+20.00	"A"	34.39'	L+	2.69'	546.68	4.00
27+40.00	"A"	32.20'	L+	3.00'	547.48	4.00
27+60.00	"A"	30.71'	L+	3.31'	548.28	4.00
27+80.00	"A"	29.23'	L+	3.61'	549.08	4.00
28+00.00	"A"	27.91'	L+	3.92'	549.88	4.00
28+20.00	"A"	26.75'	L+	4.23'	550.68	4.00
28+40.00	"A"	25.74'	L+	4.54'	551.48	4.00
28+60.00	"A"	24.88'	L+	4.85'	552.28	4.00
28+80.00	"A"	24.17'	L+	5.15'	553.08	4.00
29+00.00	"A"	23.61'	L+	5.46'	553.88	4.00
29+20.00	"A"	23.20'	L+	5.77'	554.68	4.00
29+35.09	"A"	23.13'	L+	6.00'	555.28	4.00



DATE PLOTTED => 10:38:13 AM  
DATE PLOTTED => 1/17/2023  
FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\roadway\DD-3.dgn

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>K. Panayotov</b> 9/2020 <small>DESIGNED DATE</small>	SUBMITTED: <small>DATE</small>	REVIEWED: <small>DATE</small>	APPROVED: <small>DATE</small>
DRAWN: <b>R. Romeriz</b> 9/2020 <small>DRAWN DATE</small>	CHECKED: <b>B. Grimm</b> 9/2020 <small>CHECKED DATE</small>	DocuSigned by: <b>Barni Roncal</b> <small>77081EF40E4643E</small> BARNI RONCAL <small>ASSISTANT CIVIL ENGINEER</small>	DocuSigned by: <b>Rocelia Kmak</b> <small>8E56C3D1284E2</small> ROCELIA KMAK <small>PRINCIPAL CIVIL ENGINEER</small>

DocuSigned by:  
**Solomon Tegegne**  
8E56C3D1284E2  
 SOLOMON TELEGNE  
SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094  
REPLACEMENT AT UVAS ROAD**

**DRAINAGE DETAILS**

PCA	C4328	ADVERTISEMENT DATE:	CONTRACT No.	FILE No.	DRAWING No. <b>DD-3</b>
					SHT No. 19 OF 39
					Scale AS SHOWN



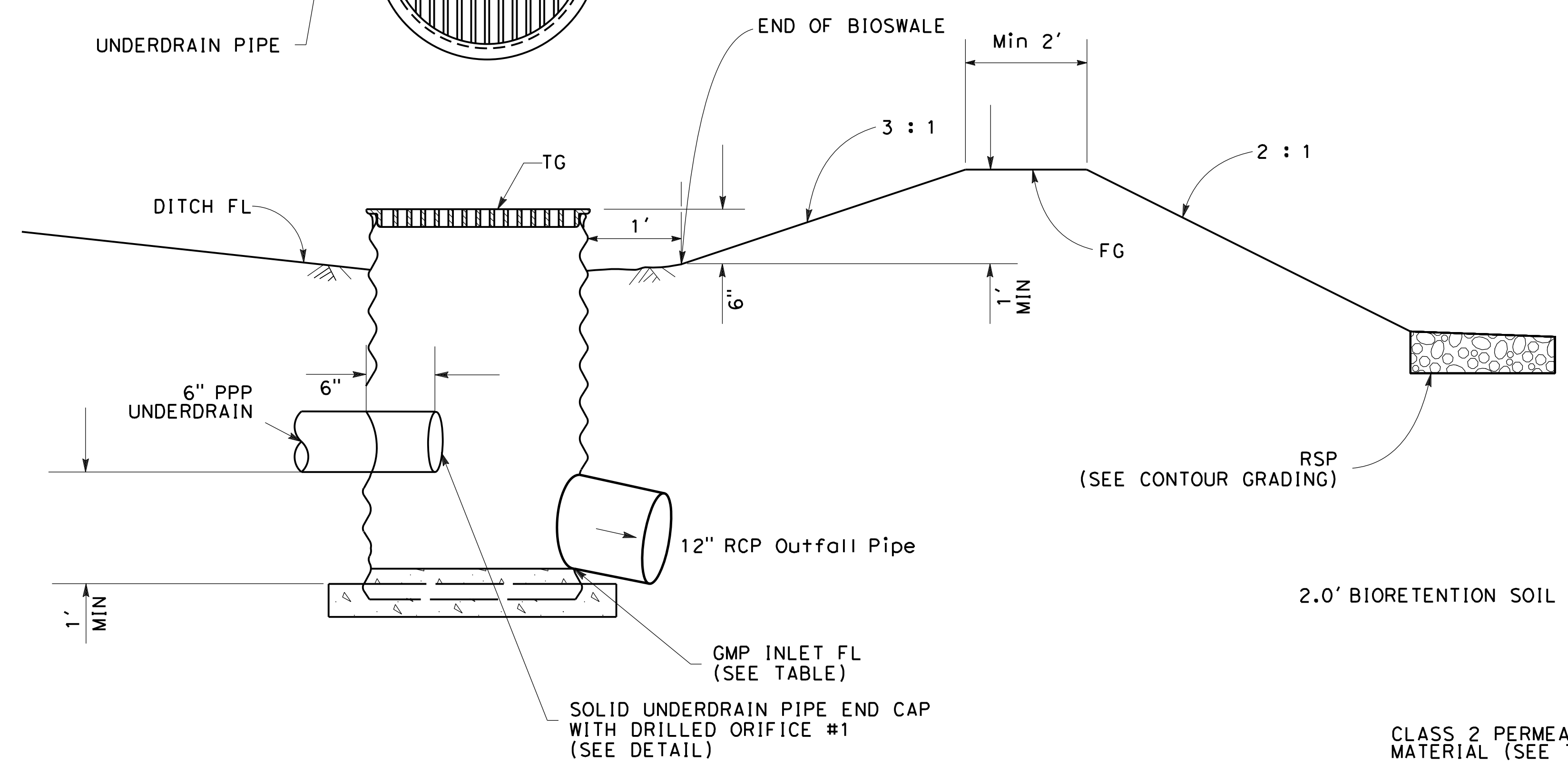
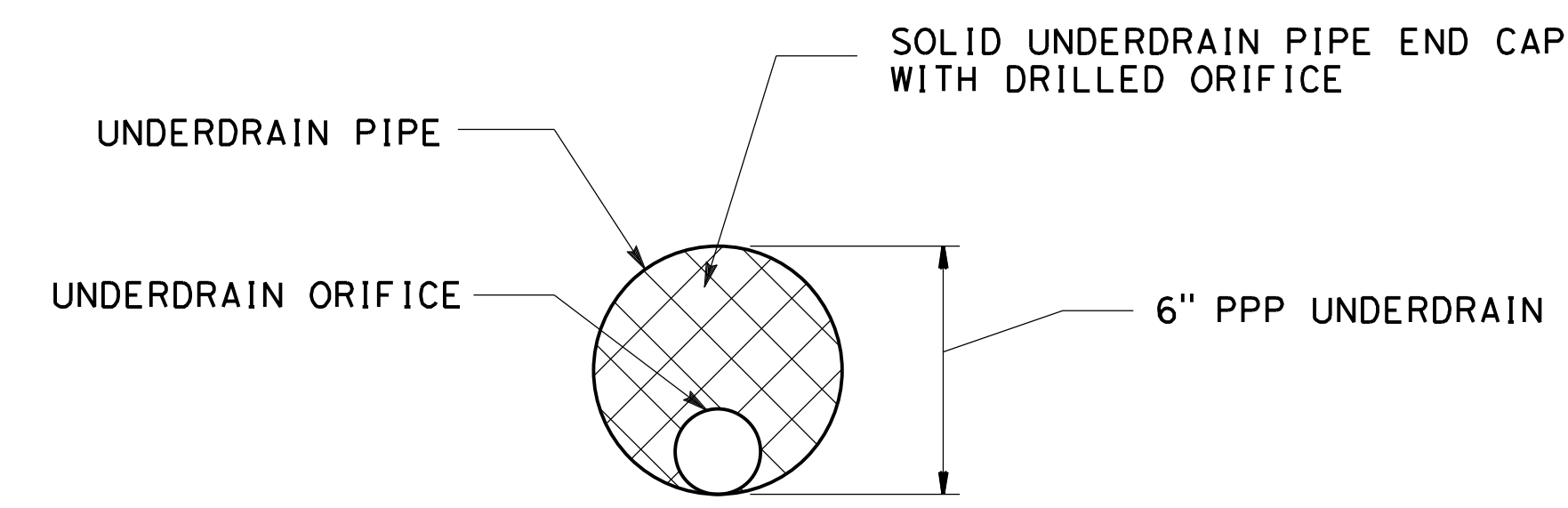
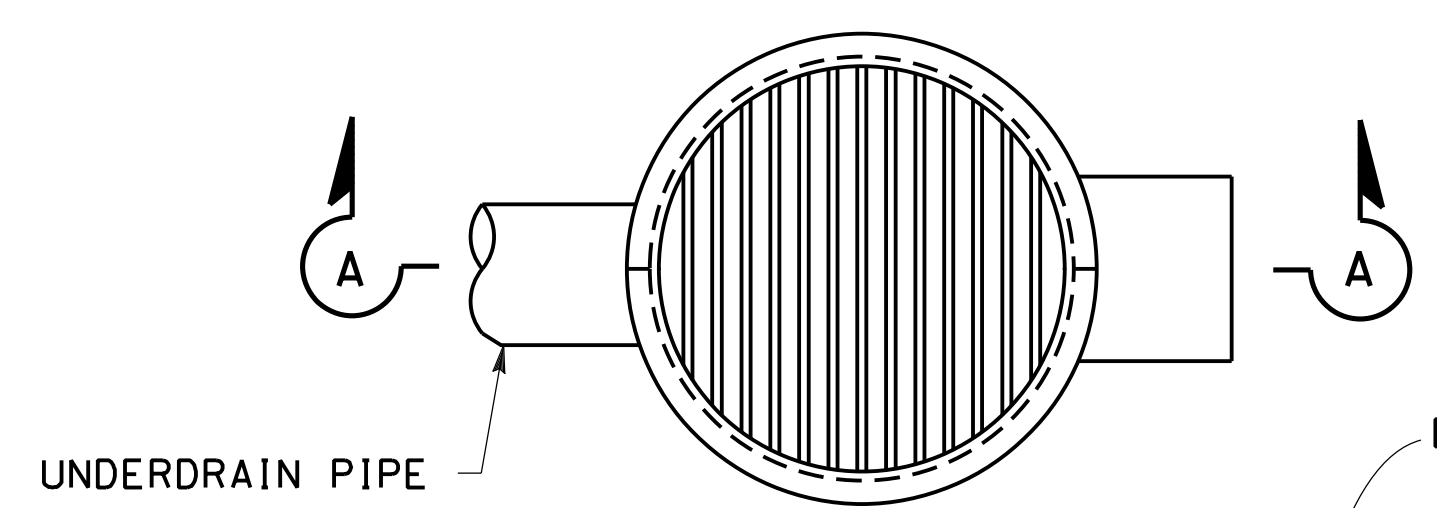
**NOTE:**  
1. FOR RISER DETAIL, SEE STANDARD PLANS D102.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		20	39

*Carolyn D. Davis*  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

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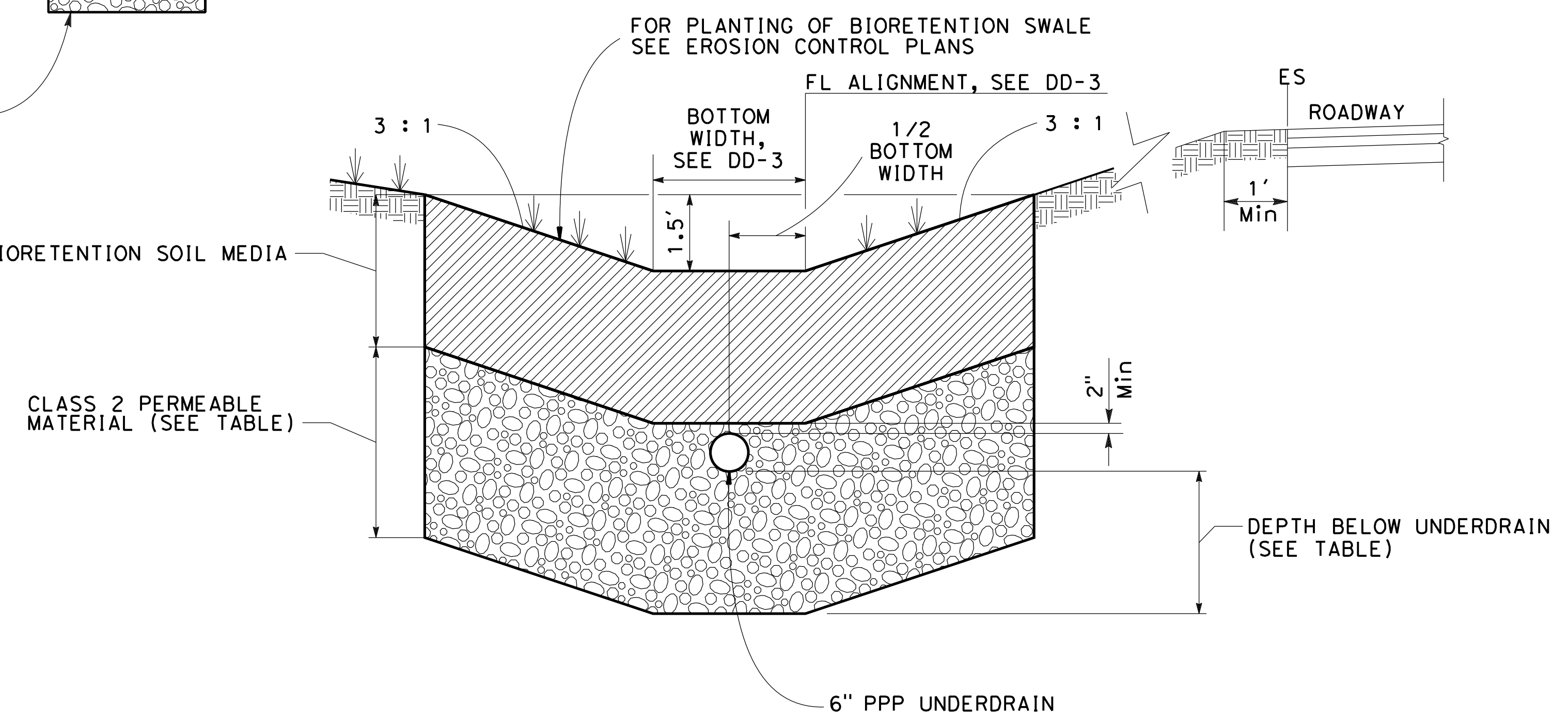
**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181



**SECTION A-A**  
**GMP INLET ORIFICE LAYOUT DETAIL** 6 7  
NO SCALE

FOR DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D75A

**UNDERDRAIN ORIFICE**  
NO SCALE

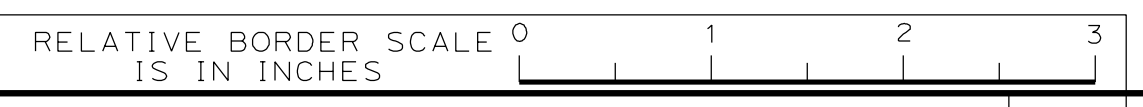


**BIORETENTION SWALE**  
NO SCALE

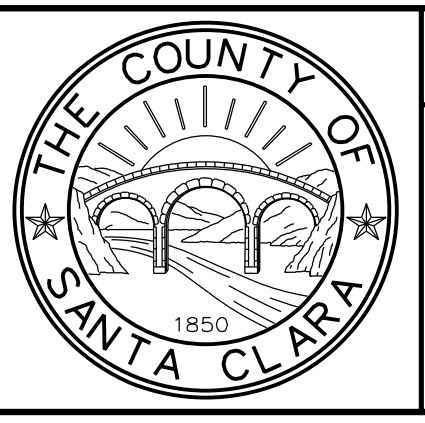
(\*) 3.50' FROM STA 23+55 TO STA 23+98  
4.50' FROM STA 23+98 TO STA 24+73.11

(+) 2.66' FROM STA 23+55 TO STA 23+98  
3.66' FROM STA 23+98 TO STA 24+73.11

BIORETENTION SWALE	FROM STATION	TO STATION	LENGTH (ft)	BOTTOM AREA (sf)	DEPTH (ft)	LAYER/THICKNESS (ft)		DEPTH BELOW UNDERDRAIN (ft)	UNDERDRAIN		GMP INLET TG / FL (ft / ft)	UNDERDRAIN RISER LOCATION
						BIORETENTION SOIL MEDIA	CLASS 2 PERMEABLE MATERIAL		DIAMETER (in)	ORIFICE DIAMETER (in)		
B1	23+55.00	24+73.11	117	1,137	1.5	2	(*)	(+)	6	1	547.32 / 543.15	23+60 / 24+15
B2	26+75.00	29+35.09	256	1,040	1.5	2	2.66	1.75	6	1	545.48 / 541.31	27+65 / 28+50 / 29+30



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: K. Panayotov 9/2020  
 DRAWN: R. Romeriz 9/2020  
 CHECKED: B. Grimm 9/2020

SUBMITTED: [Signature]  
 REVIEWED: Rocelia Kmak  
 APPROVED: Solomon Tegegne

BARNI RONCAL ASSISTANT CIVIL ENGINEER  
 ROCELIA KMAK PRINCIPAL CIVIL ENGINEER  
 SOLOMON TEGENE SENIOR CIVIL ENGINEER

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**DRAINAGE DETAILS**

DRAWING No. DD-4  
 SHEET No. 20 OF 39  
 Scale AS SHOWN

PCA C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.  
 FILE No.

DATE PLOTTED => 10:38:18 AM  
 DATE PLOTTED => 1/17/2023  
 FILE => S:\Client\Santa Clara County - 505 S05-100 Uvas Road\CAD\Roadway\DD-4.dgn



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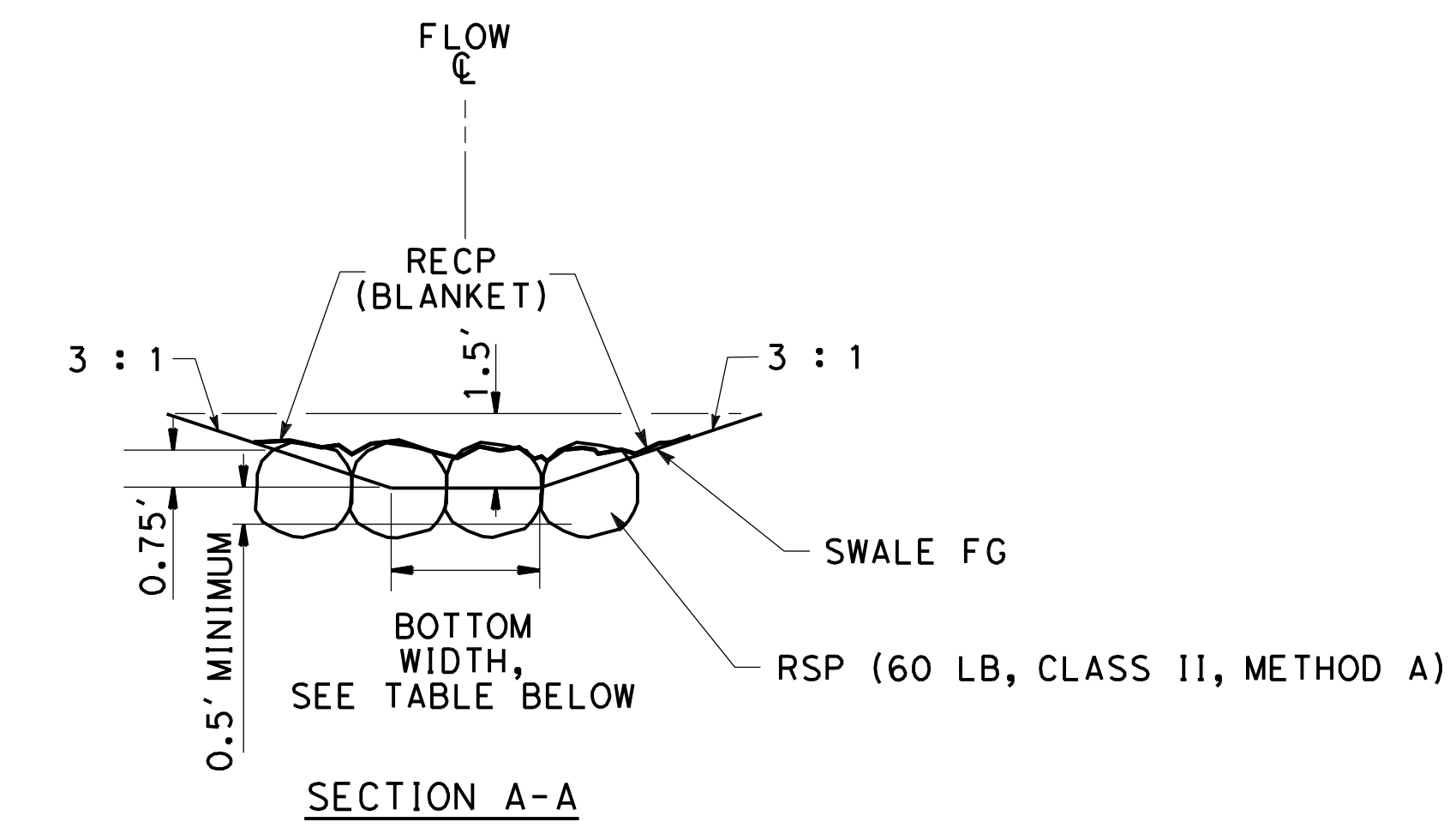
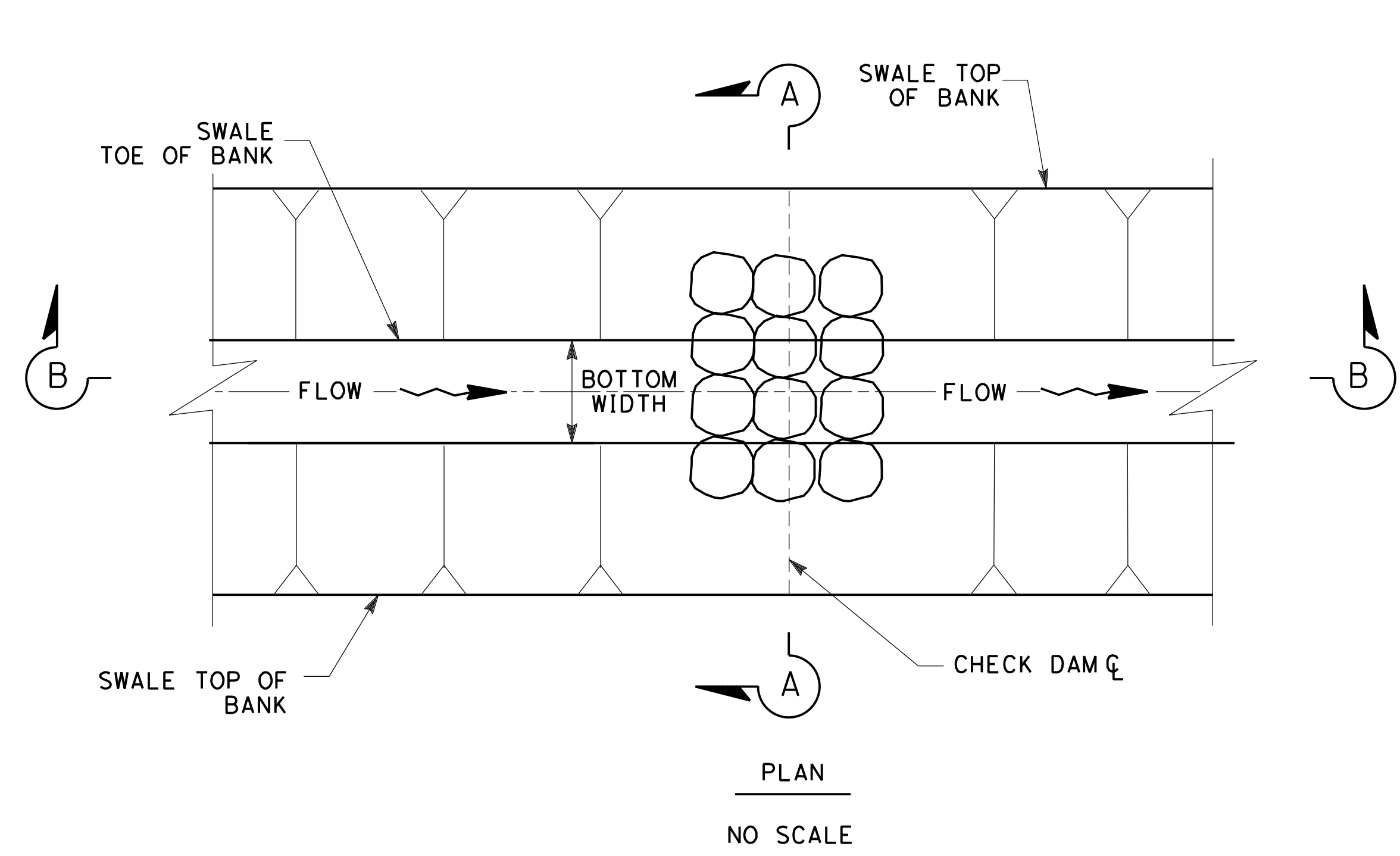
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		21	39

*Carol Davis*  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670, P: 916.368.9181

REGISTERED PROFESSIONAL ENGINEER  
**Carolyn D. Davis**  
 No. 58440  
 Exp. 12/31/24  
 CIVIL  
 STATE OF CALIFORNIA

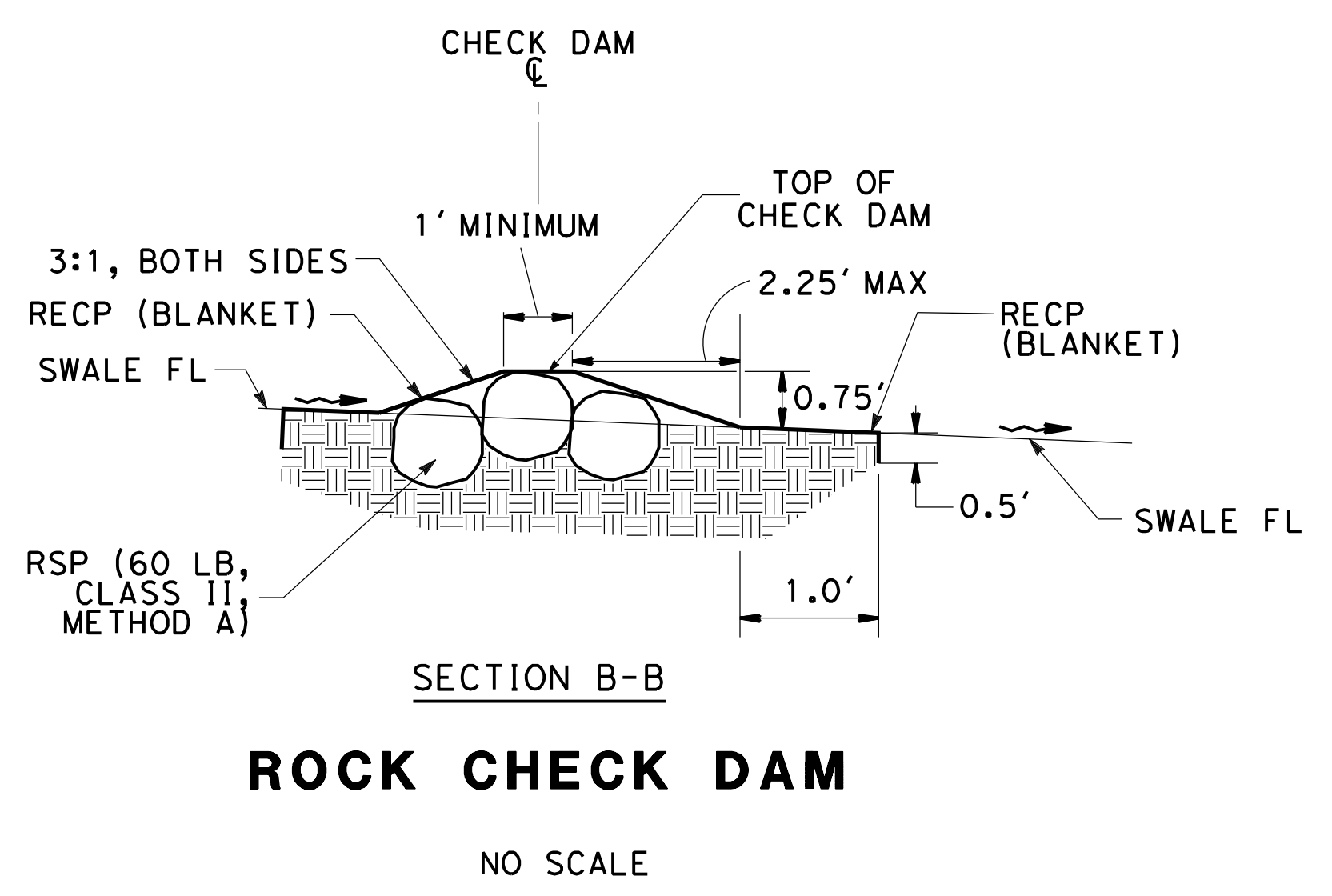


**ROCK CHECK DAM**

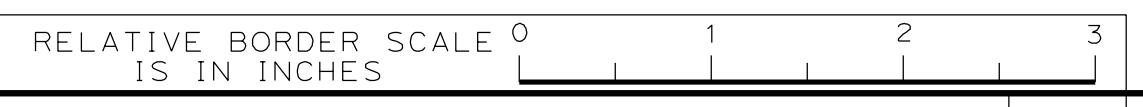
- NOTES:  
 1. RECP (BLANKET) ALL AROUND. (USE SHEET ECL-1 FOR DETAILS)  
 2. KEY TRENCH

**ROCK CHECK DAM LOCATIONS**

BIORETENTION SWALE	ROCK CHECK DAM $\phi$ STATION	BOTTOM WIDTH (ft)
B1	23+80.00	7.09
B1	24+00.00	8.36
B1	24+20.00	9.63
B1	24+40.00	10.90
B1	24+60.00	12.17
B2	27+00.00	2.39
B2	27+20.00	2.69
B2	27+40.00	3.00
B2	27+60.00	3.31
B2	27+80.00	3.61
B2	28+00.00	3.92
B2	28+20.00	4.23
B2	28+40.00	4.54
B2	28+60.00	4.85
B2	28+80.00	5.15
B2	29+00.00	5.46
B2	29+20.00	5.77



**ROCK CHECK DAM**



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: **K. Panayotov** 9/2020  
 DRAWN: **R. Romeriz** 9/2020  
 CHECKED: **B. Grimm** 9/2020

SUBMITTED: *Barni Roncal*  
 ASSISTANT CIVIL ENGINEER

REVIEWED: *Rocelia Kmak*  
 PRINCIPAL CIVIL ENGINEER

APPROVED: *Solomon Tegegne*  
 SENIOR CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER  
**Solomon Tegegne**  
 No. 76913  
 Exp. 12/31/24  
 CIVIL  
 STATE OF CALIFORNIA

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

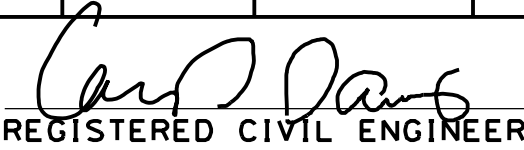
**DRAINAGE DETAILS**

DRAWING No. **DD-5**  
 SHT No. 21 OF 39  
 Scale AS SHOWN

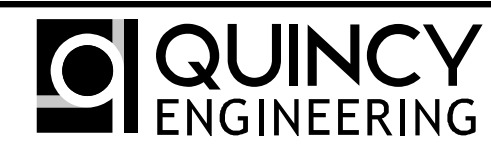
PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.

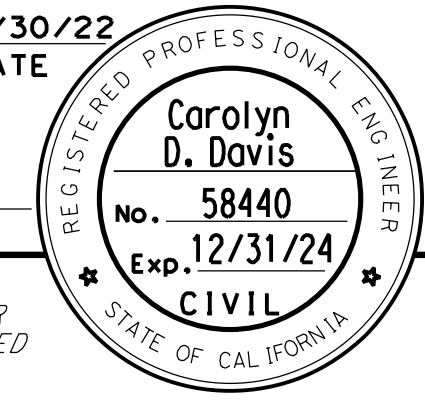


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		22	39

  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE

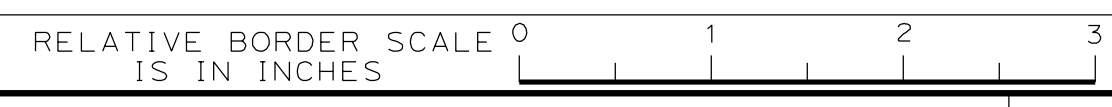
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.


**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181



### DRAINAGE ITEMS



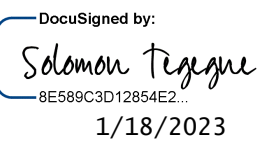

DRAINAGE SYSTEM	DRAINAGE UNIT No.	STATION	OFFSET	Misc IRON AND STEEL	HEGHT OF INLET "H" (N)	MAX HEIGHT OF COVER (N)	STRUCTURAL CONCRETE, HEADWALL	STRUCTURAL CONCRETE, DRAINAGE INLET	12" CONCRETE FLARED END SECTION	18" CONCRETE FLARED END SECTION	36" CONCRETE FLARED END SECTION	36" PRECAST CONCRETE PIPE INLET	12" REINFORCED CONCRETE PIPE	18" REINFORCED CONCRETE PIPE	36" REINFORCED CONCRETE PIPE	36" CORRUGATED STEEL PIPE INLET (0.079" THICK)	RSP (60 LB, CLASS II, METHOD B)	RSP (60 LB, CLASS II, METHOD A)	RSP FABRIC (CLASS 8)	REMOVE HEADWALL	REMOVE PIPE	6" PERFORATED PLASTIC PIPE UNDERDRAIN	BIORETENTION SOIL MEDIA	CLASS 2 PERMEABLE MATERIAL	DESCRIPTION
1	a	"A" 21+19.33	L+				6.2																		HEADWALL H=4'-8" L=14'
	b														80.0										36" X 80.0' RCP, CONCRETE BACKFILL
	c	"A" 20+82.83	R+							1															36" CONCRETE FLARED END SECTION
	d																2.0		9.2						RSP (60 lb, CLASS II, METHOD B)
	e																				80				REMOVE PIPE 36"
	f																			1					REMOVE HEADWALL
2	a	"A" 20+09.08	L+	112	6.2	4.7						6.70													OCP DI GRATE TYPE PLATE
	b													95.0											18" X 95.0' RCP
	c	"A" 20+97.19	L+							1															18" CONCRETE FLARED END SECTION
	d																2.4		10.4						RSP (60 lb, CLASS II, METHOD B)
3	a	"A" 20+79.93	L+	239	6.3	5.8		1.7																	G1 DI GRATE TYPE 24-12X
	b												158.0												12" X 158.0' RCP
	c	"A" 22+38.44	R+	239	4.0	2.5		1.2																	G1 DI GRATE TYPE 24-12X
	d												76.2												12" X 76.2' RCP
	e	"A" 23+17.67	R+	239	4.1	2.6		1.2																	G1 DI GRATE TYPE 24-12X
	f												57.2												12" X 57.2' RCP, MINOR CONCR. (PIPE ENCASEMENT)
	g	"A" 23+57.81	L+						1																12" CONCRETE FLARED END SECTION
4	a	"A" 28+00.00	R+	112	2.8							3.30													OCP DI GRATE TYPE PLATE
	b												47.1												12" X 47.1' RCP
	c	"A" 27+87.43	L+						1																12" CONCRETE FLARED END SECTION
5	a	"A" 26+60.00	L+	239	3.6	2.1		1.1																	G1 DI GRATE TYPE 24-12X
	b												51.5												12" X 51.5' RCP
	c	"A" 27+15.00	L+	239	5.1	3.6		1.4																	G1 DI GRATE TYPE 24-12X
	d												14.6												12" X 14.6' RCP
	e	"A" 27+10.94	L+						1																12" CONCRETE FLARED END SECTION
6	a	"A" 24+70.55	L+	236	4.2											4.7									TYPE GMP DI, GRATE TYPE 36R
	b												24.8												12" X 24.8' RCP
7	a	"A" 26+77.56	L+	236	4.2											4.7									TYPE GMP DI, GRATE TYPE 36R
	b												51.4												12" X 51.4' RCP
		BIOFILTRATION SWALES																12.2							ROCK CHECK DAMS
		BIOFILTRATION SWALES																							BIOFILTRATION SWALES
TOTAL				1891			6.2	6.6	3	1	1	10.0	480.8	95.0	80.0	9.4	4.4	12.2	19.6	1	80	388	425	697	



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED <b>K. Panayotov</b> 9/2020 DRAWN <b>B. Grimm</b> 9/2020 CHECKED	SUBMITTED: DATE 9/2020	DESIGNED BY:  <b>BARNI RONCAL</b> ASSISTANT CIVIL ENGINEER	REVIEWED:  <b>ROCELIA KMAK</b> PRINCIPAL CIVIL ENGINEER	APPROVED:  <b>SOLOMON TELEGNE</b> SENIOR CIVIL ENGINEER	
--	---------------------------	--	---	---	---

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**DRAINAGE QUANTITIES**

DRAWING No. **DQ-1**  
 SHT. No. **22** OF **39**  
 Scale **AS SHOWN**

PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.

FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\Roadway\S05100-1.dwg DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:38:25 AM



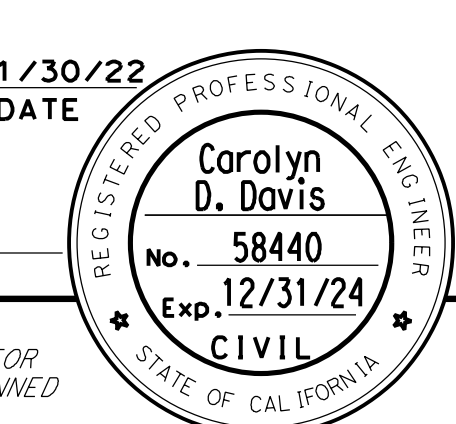
**NOTES:**

1. THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY.
2. LOCATION OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE, EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.
3. DRIVEWAY ACCESS TO BE MAINTAINED AT ALL TIMES.
4. ABUTMENT 2 LEFT RETAINING WALL PORTION TO BE CONSTRUCTED IN STAGE 2. CONSTRUCTION DURING THIS STAGE MAY REQUIRE TEMPORARY SHORING.
5. TEMPORARY RAILING TO HAVE REFLECTIVE MARKERS.

**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS**

SIGN No.	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
A	W20-1		36" x 36"	ROAD WORK AHEAD	1 - 4" x 6"	2
B	G20-2		36" x 18"	END OF ROAD WORK	1 - 4" x 6"	2
C	R1-1		30" x 30"	STOP	1 - 4" x 6"	2
D	W3-1		30" x 30"	STOP AHEAD	1 - 4" x 6"	2

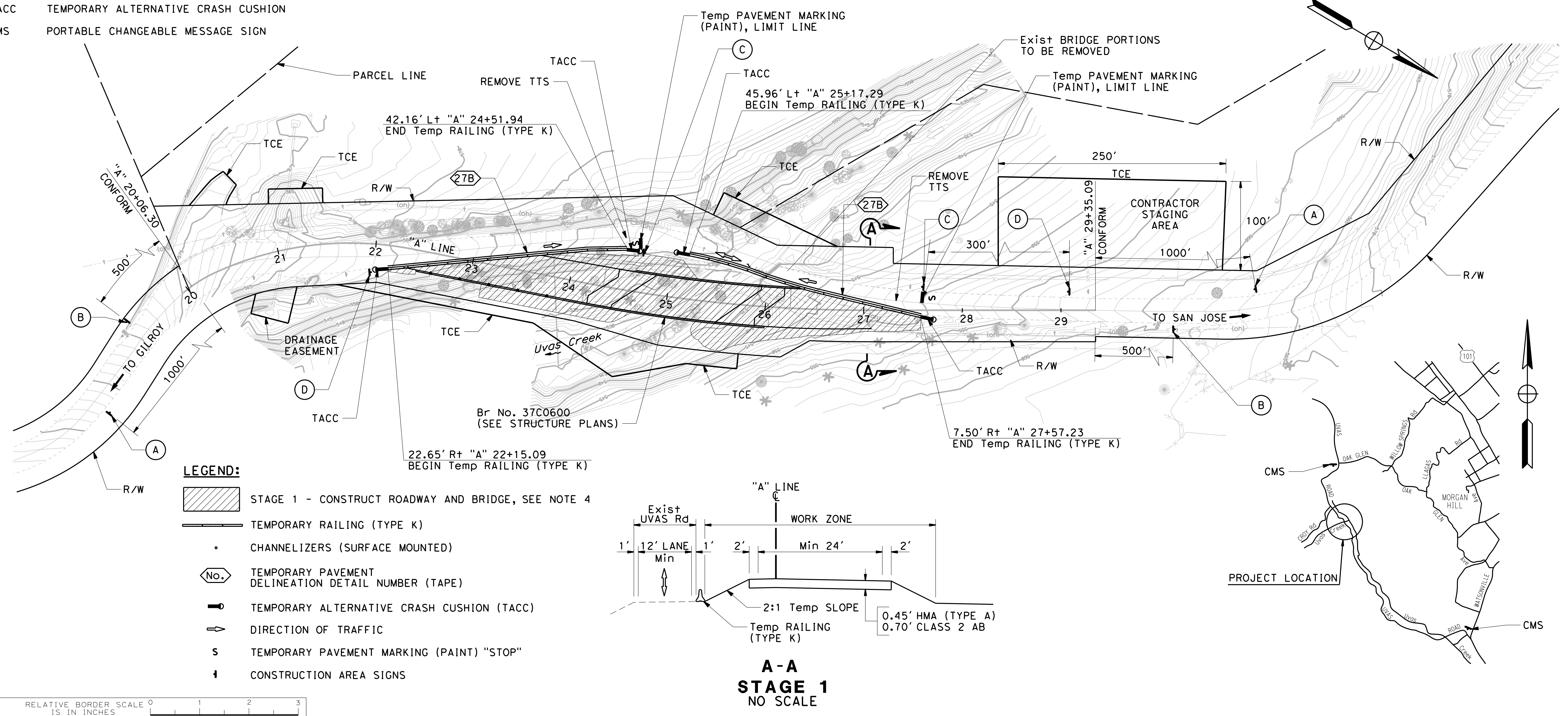
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		23	39


  
 REGISTERED CIVIL ENGINEER DATE 11/30/22  
**December 20, 2022**  
 PLANS APPROVAL DATE  
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

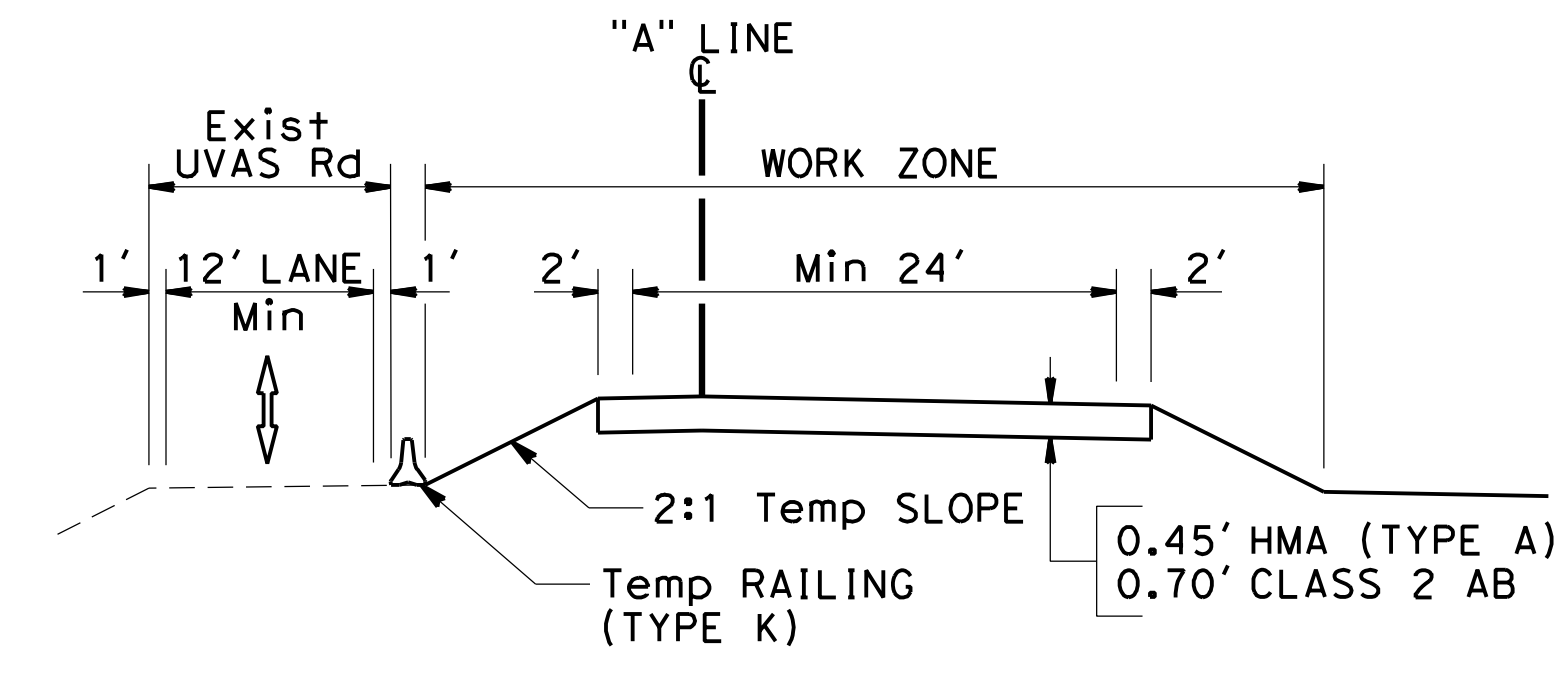
**ABBREVIATIONS:**

- TTS THERMOPLASTIC TRAFFIC STRIPE
- TACC TEMPORARY ALTERNATIVE CRASH CUSHION
- CMS PORTABLE CHANGEABLE MESSAGE SIGN



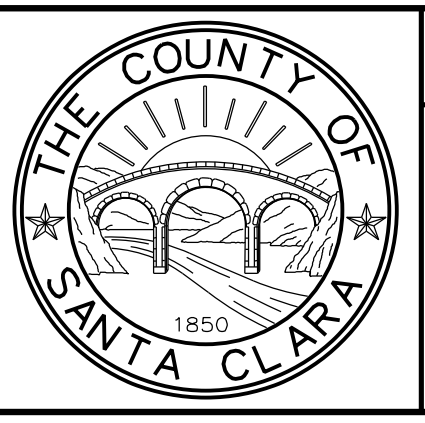
**LEGEND:**

- STAGE 1 - CONSTRUCT ROADWAY AND BRIDGE, SEE NOTE 4
- TEMPORARY RAILING (TYPE K)
- CHANNELIZERS (SURFACE MOUNTED)
- TEMPORARY PAVEMENT DELINEATION DETAIL NUMBER (TAPE)
- TEMPORARY ALTERNATIVE CRASH CUSHION (TACC)
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (PAINT) "STOP"
- CONSTRUCTION AREA SIGNS



DATE PLOTTED => 10:38:35 AM  
 DATE PLOTTED => 1/17/2023  
 FILE => S:\Client\Santa Clara County - 505 S05-100 Uvas Road\CAD\roadway\505100-mc001.dgn

NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

K. Panayotov 9/2020  
 R. Romeriz 9/2020  
 B. Grimm 9/2020


DESIGNED DATE  
 DRAWN DATE  
 CHECKED DATE

SUBMITTED: 9/2020  
 REVIEWED: 9/2020  
 APPROVED: 9/2020

DocuSigned by:  
 Barni Roncal  
 ASSISTANT CIVIL ENGINEER

DocuSigned by:  
 Rocelia Kmak  
 PRINCIPAL CIVIL ENGINEER

DocuSigned by:  
 Solomon Tegegne  
 SENIOR CIVIL ENGINEER



**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**STAGE CONSTRUCTION - STAGE 1**

DRAWING No. **SC-1**  
 SHT No. 23 OF 39  
 Scale 1" = 50'  
 CONTRACT No. C4328  
 ADVERTISEMENT DATE: \_\_\_\_\_  
 CONTRACT No. \_\_\_\_\_  
 FILE No. \_\_\_\_\_



**NOTES:**

1. THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY.
2. LOCATION OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE, EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.
3. DRIVEWAY ACCESS TO BE MAINTAINED AT ALL TIMES.
4. TEMPRARY RAILING TO HAVE REFLECTIVE MARKERS.
5. CONTRACTOR SHALL SUBMIT TRAFFIC HANDLING PLAN FOR STAGE 2.

**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS**

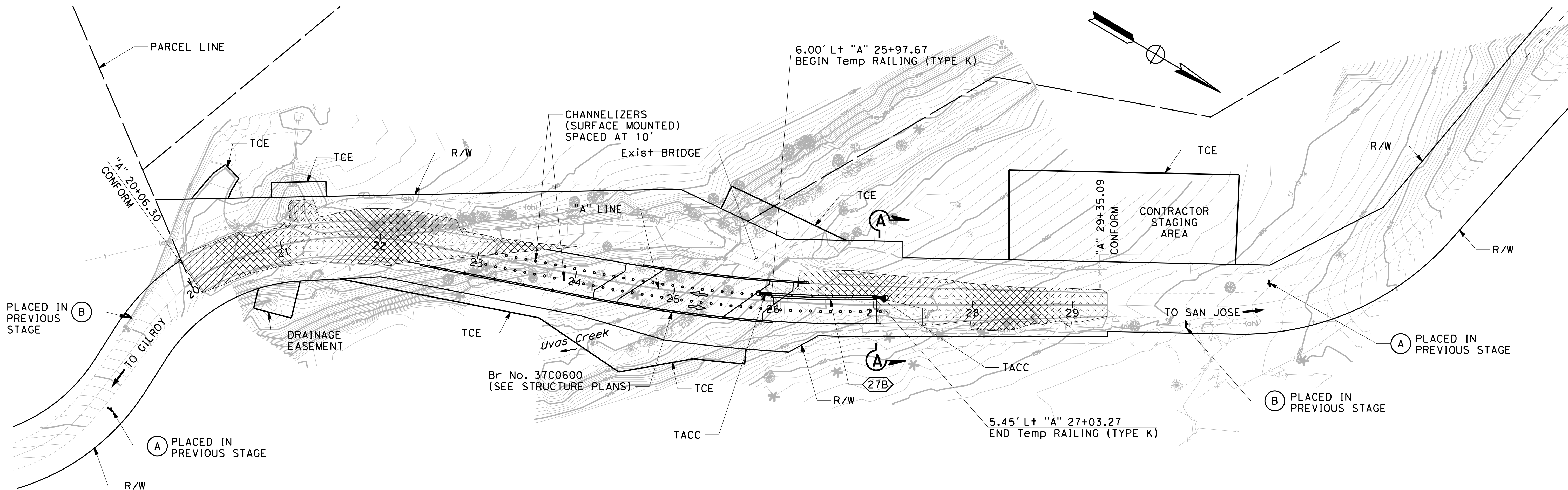
SIGN No.	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
A	W20-1		36" x 36"	ROAD WORK AHEAD	1 - 4" x 6"	2
B	G20-2		36" x 18"	END OF ROAD WORK	1 - 4" x 6"	2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		24	39

*Carolyn D. Davis*  
 REGISTERED CIVIL ENGINEER 11/30/22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

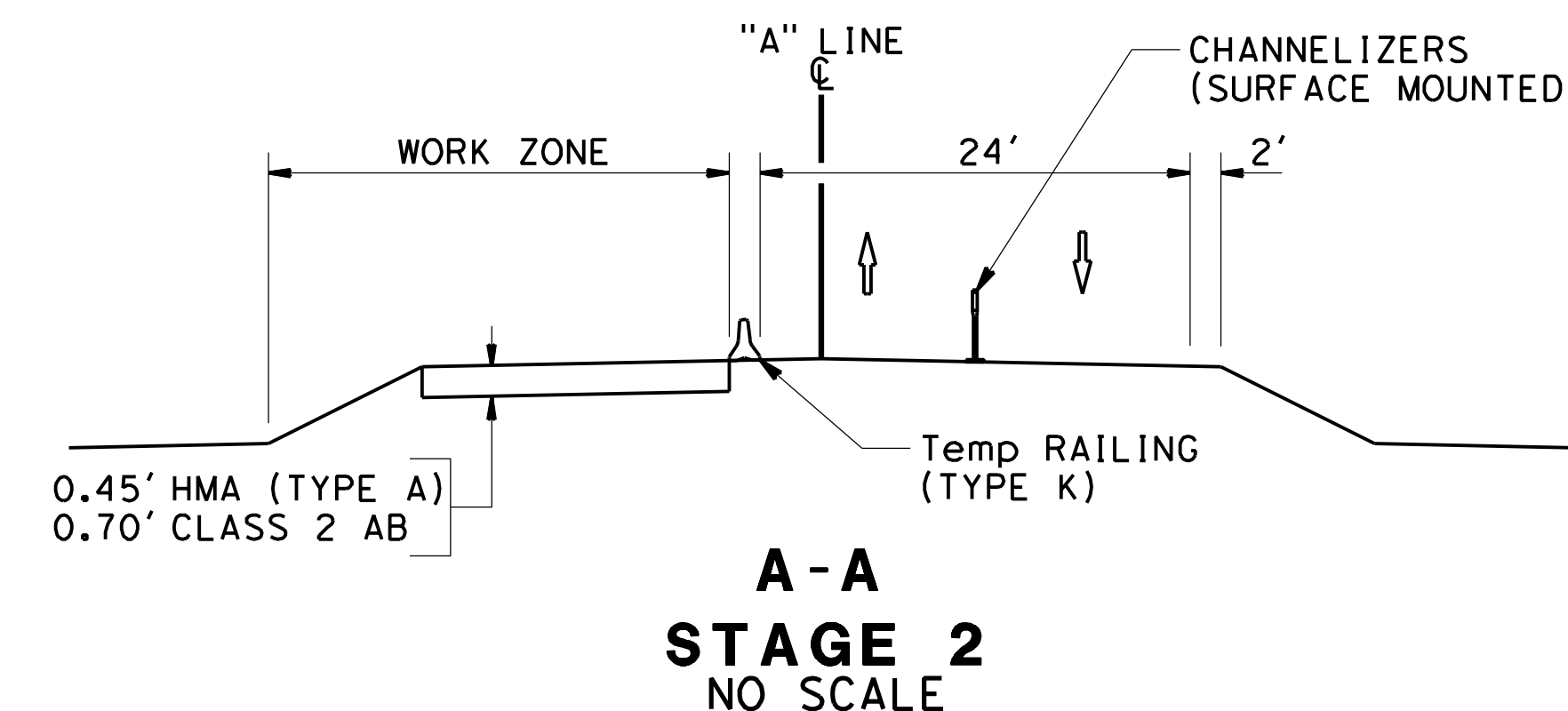
THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

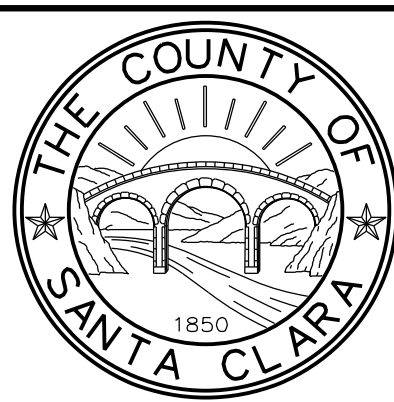


**LEGEND:**

STAGE 2 - CONSTRUCT CONFORM AREAS UNDER TEMPORARY LANE CLOSURE. CONSTRUCT ABUTMENT 2 LEFT RETAINING WALL PORTION. FOR DETAILS, SEE STRUCTURE PLANS.



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

DESIGNED: K. Panayotov 9/2020  
 DRAWN: R. Romeriz 9/2020  
 CHECKED: B. Grimm 9/2020

SUBMITTED: 9/2020  
 ASSISTANT CIVIL ENGINEER

REVIEWED: Rocelia Kmak  
 PRINCIPAL CIVIL ENGINEER

APPROVED: Solomon Tegegne  
 SENIOR CIVIL ENGINEER

DATE: 1/18/2023

UVAS CREEK BRIDGE NO. 37C0094  
 REPLACEMENT AT UVAS ROAD  
**STAGE CONSTRUCTION - STAGE 2**

DRAWING No. SC-2  
 SHT No. 24 OF 39  
 Scale 1" = 50'  
 CONTRACT No. C4328  
 ADVERTISEMENT DATE:  
 FILE No.

DATE PLOTTED => 1/17/2023 10:38:39 AM  
 FILE => S:\Client\Santa Clara County - S05 S05-100 Uvas Road\CAD\roadway\S05100-mc002.dgn



DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:38:44 AM FILE => S:\Client\Santa Clara County - S05 S05-100 Uvas Road\CAD\roadway\S05100-mc003.dgn

**NOTES:**

1. THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY.
2. LOCATION OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE, EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.
3. DRIVEWAY ACCESS TO BE MAINTAINED AT ALL TIMES.
4. TEMPRARY RAILING TO HAVE REFLECTIVE MARKERS.

**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS**

SIGN No.	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
A	W20-1		36" x 36"	ROAD WORK AHEAD	1 - 4" x 6"	2
B	G20-2		36" x 18"	END OF ROAD WORK	1 - 4" x 6"	2

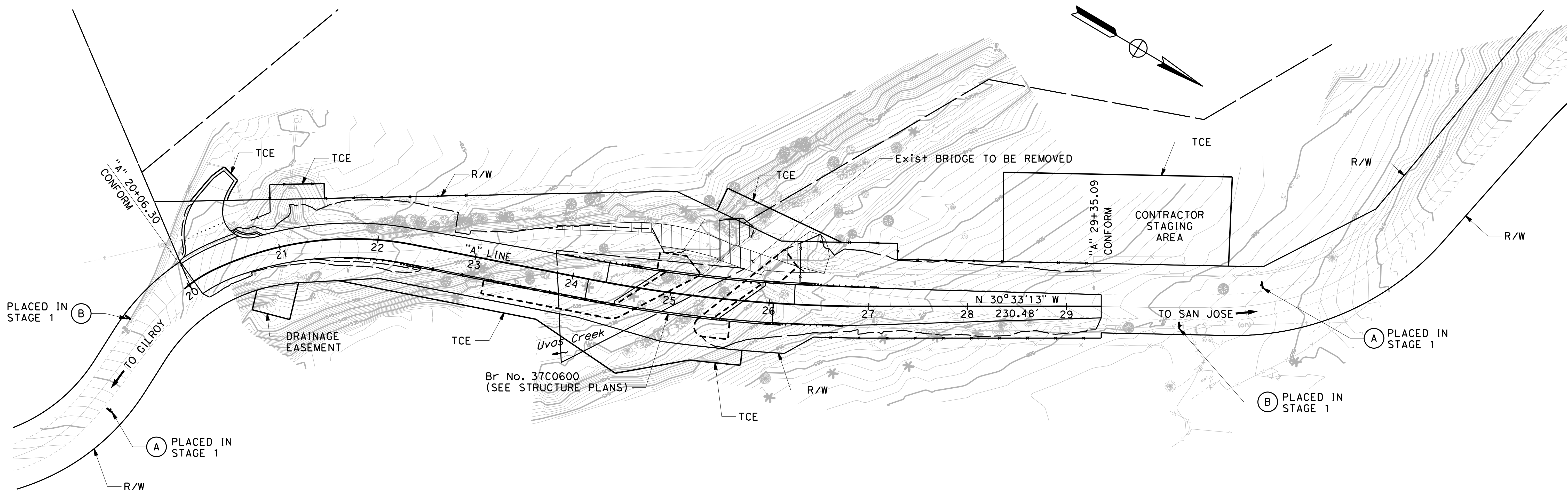
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		25	39

*Carolyn D. Davis*  
 REGISTERED CIVIL ENGINEER 11/30/22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

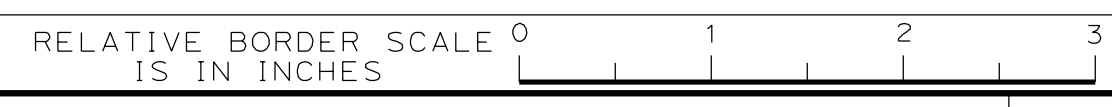
**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

REGISTERED PROFESSIONAL ENGINEER  
**Carolyn D. Davis**  
 No. 58440  
 Exp. 12/31/24  
 CIVIL  
 STATE OF CALIFORNIA



**LEGEND:**

STAGE 3 - REMOVE EXISTING PAVEMENT AND BRIDGE, COMPLETE RSP PLACEMENT AND CONTOUR GRADING.



NO.	REVISIONS	BY	DATE	APP'D
05	100% SUBMITTAL	KP	10/22	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: **K. Panayotov** 9/2020  
 DRAWN: **R. Romeriz** 9/2020  
 CHECKED: **B. Grimm** 9/2020

SUBMITTED: *Barni Roncal*  
 ASSISTANT CIVIL ENGINEER

REVIEWED: *Rocelia Kmak*  
 PRINCIPAL CIVIL ENGINEER

APPROVED: *Solomon Tegegne*  
 SENIOR CIVIL ENGINEER

1/18/2023

REGISTERED PROFESSIONAL ENGINEER  
**Solomon Tegegne**  
 No. 76913  
 Exp. 12/31/24  
 CIVIL  
 STATE OF CALIFORNIA

**UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD**

**STAGE CONSTRUCTION - STAGE 3**

DRAWING No. **SC-3**  
 SHT No. **25** OF **39**  
 Scale **1" = 50'**

PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.



DATE PLOTTED => 1/17/2023 TIME PLOTTED => 10:38:49 AM FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\Roadway\S05100-rs001.dgn

ROADWAY ITEMS

Table with columns: FROM, TO, ROADWAY EXCAVATION, EMBANKMENT (N), IMPORTED BORROW, CLASS 2 AGGREGATE BASE, HOT MIX ASPHALT (TYPE A), PLACE HMA DIKE (TYPE A), PLACE HMA DIKE (TYPE C), PLACE HMA DIKE (TYPE E), PLACE HMA DIKE (TYPE F), MINOR CONCRETE (MINOR STRUCTURE), REMOVE FENCE, TEMPORARY FENCE (TYPE CL-6), ROADSIDE SIGN - ONE POST, REMOVE ROADSIDE SIGN, DELINEATOR (CLASS 1), REMOVE MARKER, REMOVE GUARDRAIL, REMOVE BASE AND SURFACING, ROCK SLOPE PROTECTION (1/2 TON, CLASS VII, METHOD B), GRAVEL FILTER, COMMENTS. Includes a TOTAL row at the bottom.

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

TRAFFIC CONTROL

Table with columns: SHEET No., STAGE, FROM (LINE, STATION), TO (LINE, STATION), TEMPORARY RAILING (TYPE K), TEMPORARY ALTERNATIVE CRASH CUSHION CHANNELIZERS (SURFACE MOUNTED), TEMPORARY PAVEMENT MARKING (PAINT), TEMPORARY TRAFFIC STRIPE (TAPE), REMOVE THERMOPLASTIC TRAFFIC STRIPE, DESCRIPTION. Includes a TOTAL row at the bottom.

GUARD RAILING

Table with columns: FROM (LINE, FROM, OFFSET), TO (LINE, TO, OFFSET), TRANSITION RAILING (TYPE WB-31), ALTERNATIVE IN-LINE TERMINAL SYSTEM. Includes a TOTAL row at the bottom.

PAVEMENT DELINEATION

Table with columns: FROM (LINE, STATION, OFFSET), TO (LINE, STATION, OFFSET), THERMOPLASTIC TRAFFIC STRIPE (DETAIL No., 6" WHITE, 6" YELLOW), CONTRAST STRIPE (THERMOPLASTIC), PAVEMENT MARKER (RETRO-REFLECTIVE). Includes a SUBTOTAL and TOTAL row at the bottom.

Project information including DIST, COUNTY, ROUTE, POST MILES TOTAL, PROJECT, SHEET No., TOTAL SHEETS. Includes a professional engineer seal for Carolyn D. Davis, No. 58440, Exp. 12/31/24, CIVIL. Also includes QUINCY ENGINEERING logo and address: 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670, P: 916.368.9181.

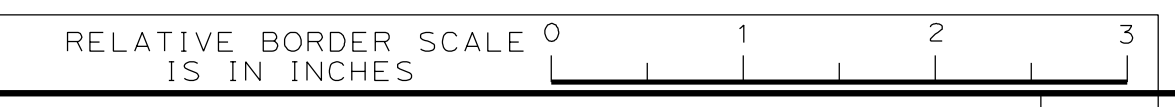


Table with columns: NO., REVISIONS, BY, DATE, APP'D. Lists revision history for 01 to 05.



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT. Includes approval and design information for K. Panoyotov, R. Romeriz, and B. Grimm, dated 9/2020. Includes professional engineer seals for Barni Roncal and Rocelia Kmak.

UVAS CREEK BRIDGE NO. 37C0094 REPLACEMENT AT UVAS ROAD. SUMMARY OF QUANTITIES. Includes drawing number Q-1, sheet number 26 of 39, and scale AS SHOWN. Includes a professional engineer seal for Solomon Tegegne.

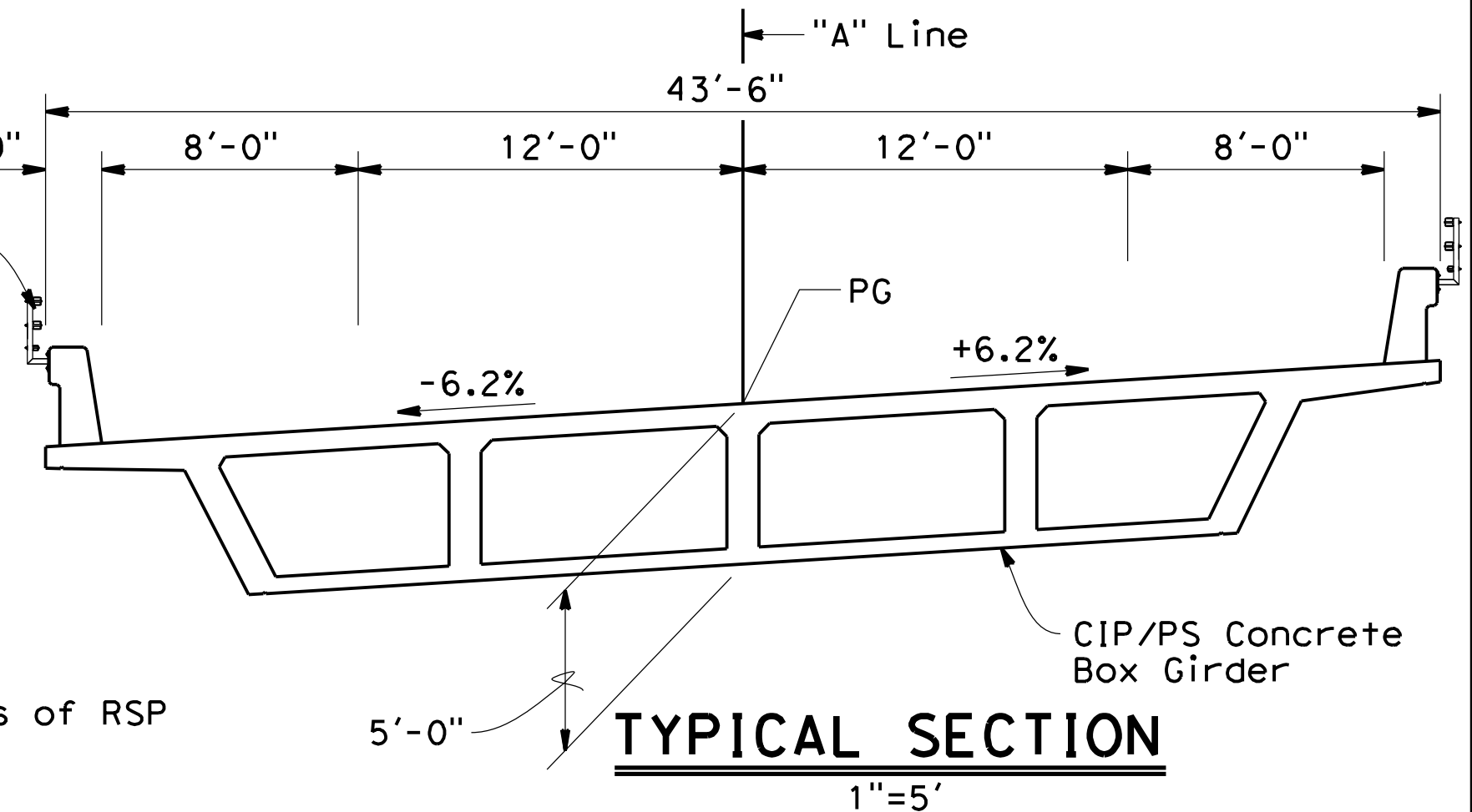
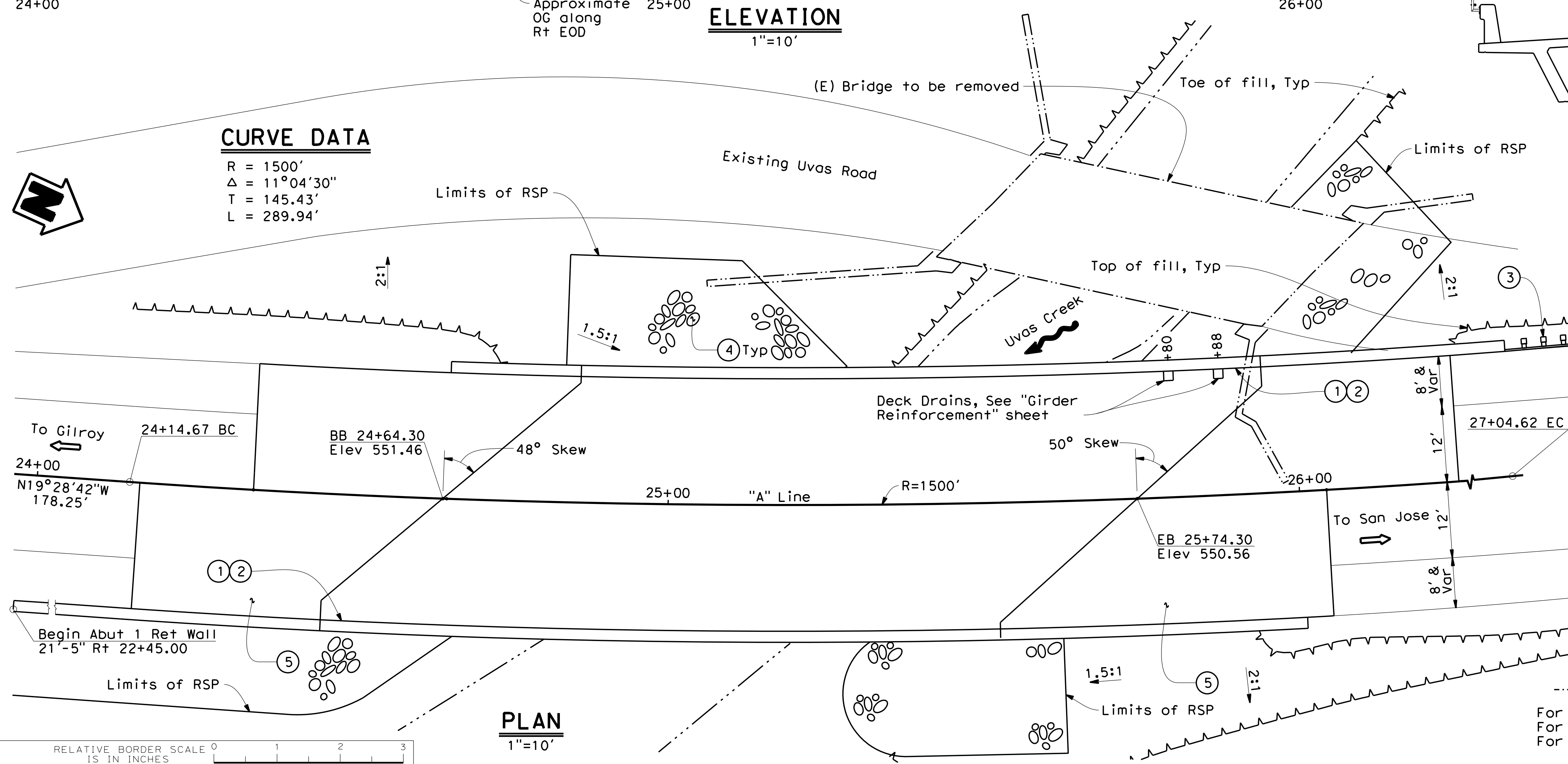
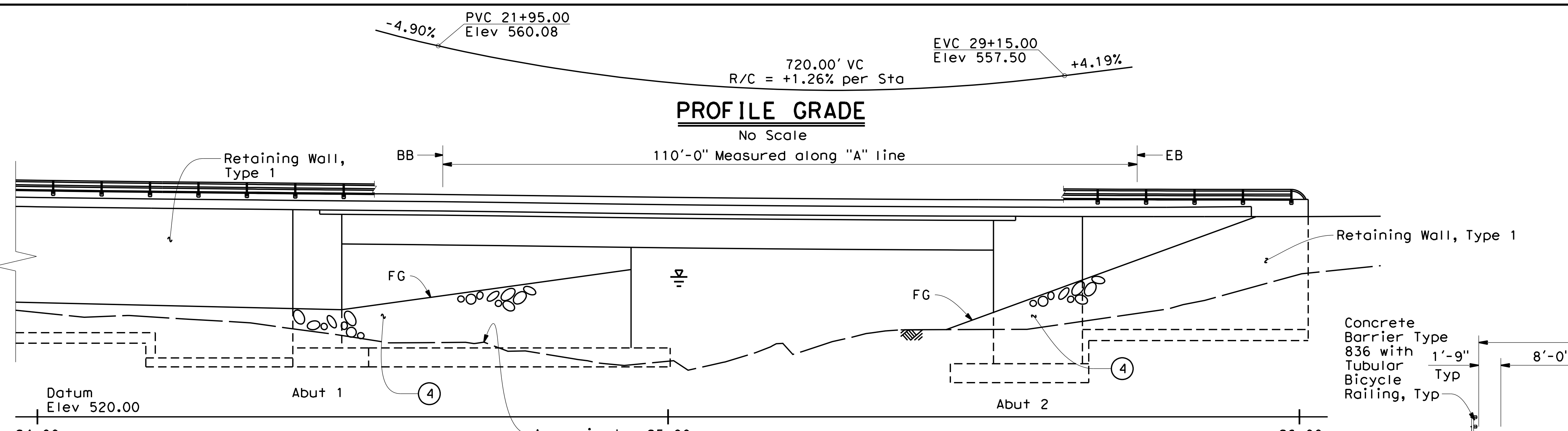


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		27	39

**Scott McCauley**  
 REGISTERED CIVIL ENGINEER  
 11-30-22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181



**CURVE DATA**  
 R = 1500'  
 Δ = 11°04'30"  
 T = 145.43'  
 L = 289.94'

**INDEX TO PLANS**

Sheet No.	Title
27	General Plan
28	Deck Contours
29	Foundation Plan
30	Abutment 1 Layout
31	Abutment 2 Layout
32	Abutment Details No. 1
33	Abutment Details No. 2
34	Retaining Wall A1 Right
35	Typical Section
36	Girder Layout
37	Girder Reinforcement
38	Tubular Bicycle Railing Details
39	Log of Test Borings

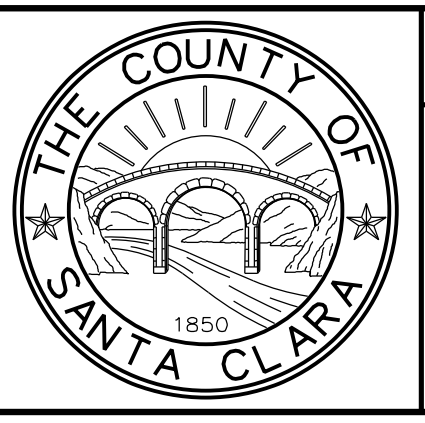
Notes:  
 (1) Paint Bridge "Br No. 37C0600" and year built  
 (2) Paint "Uvas Creek Bridge"  
 (3) MGS see "Road Plans"  
 (4) RSP see "Road Plans"  
 (5) Structure Approach Type N(30)  
 ▬ Highwater elevation  
 - - - - - Existing

For General Notes and Quantities, see "Deck Contours" sheet  
 For Hydrologic Summary, see "Foundation Plan" sheet  
 For Contour Grading, see "Road Plans"

**PLAN**  
1"=10'

DATE PLOTTED => 10:42:25 AM  
DATE PLOTTED => 1/17/2023  
FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\br\idge\505100g-a-gp01.dgn

NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>D. Mossman</b> DATE: 10/2012	SUBMITTED: DATE: 10/2012	REVIEWED: <b>Rocelia Kmak</b> DATE: 1/18/2023	APPROVED: <b>Solomon Tegegne</b> DATE: 1/18/2023
---	-----------------------------	---	--

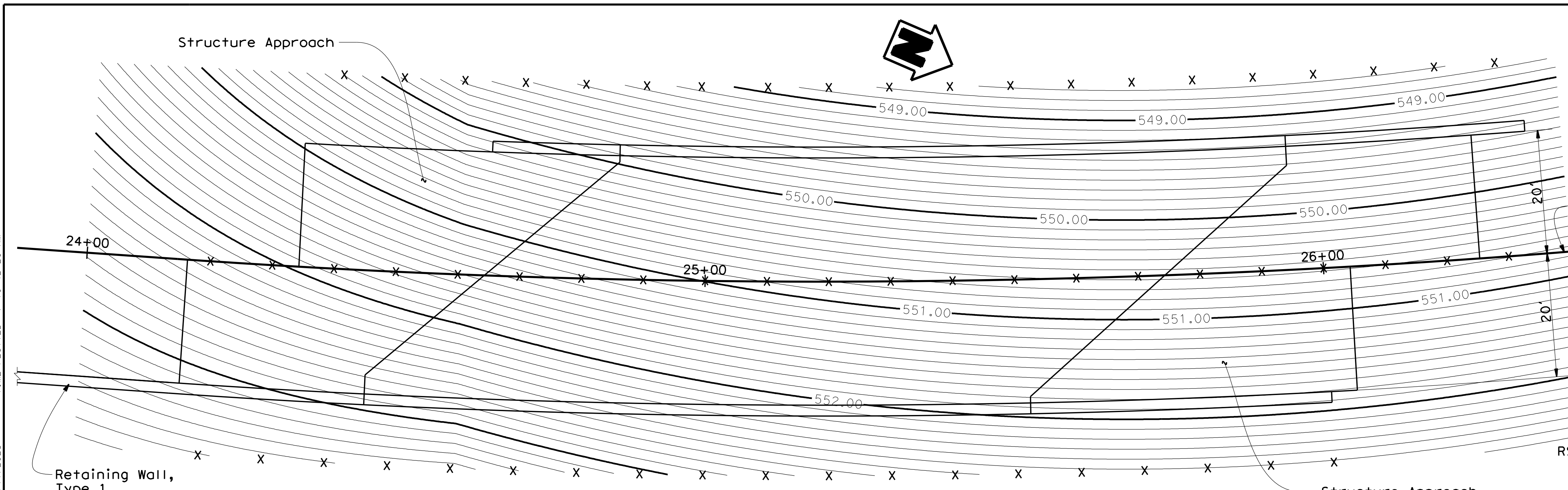
**UVAS ROAD OVER UVAS CREEK**  
**UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD**

**GENERAL PLAN**

DRAWING No. **S-1**  
 SHT No. **27** OF **39**  
 Scale: **AS SHOWN**



DATE PLOTTED => 10:42:26 AM  
DATE PLOTTED => 1/17/2023  
FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\bridge\S05100a-d-dco1.dgn

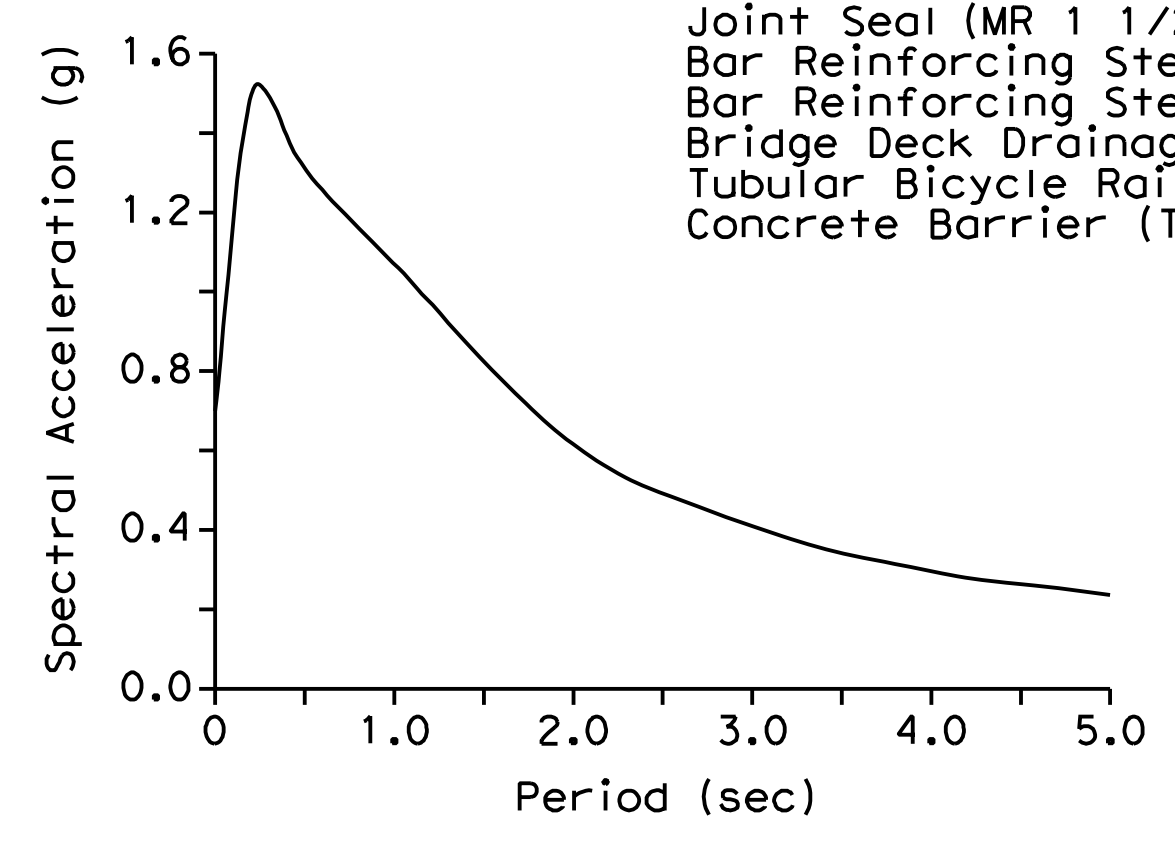


**PLAN**  
1"=10'

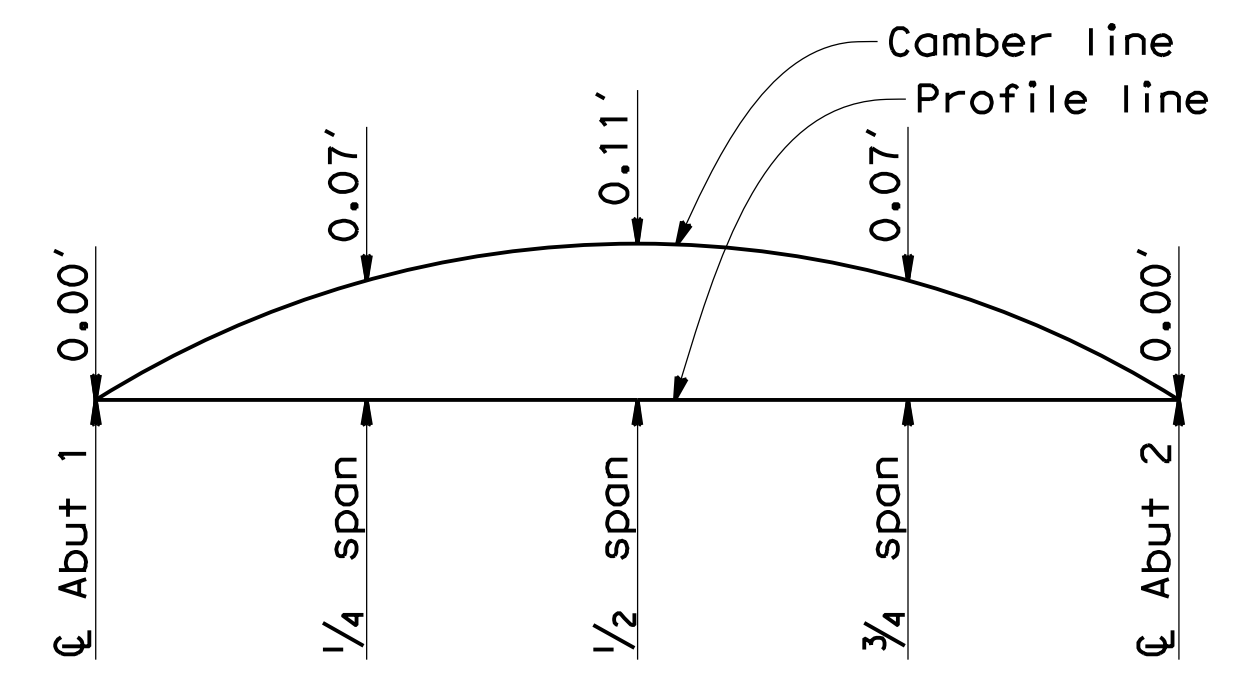
**Notes:**  
X = 10' intervals along station line  
Contours Intervals = 0.10'  
Contours do not include camber

**QUANTITIES**

Bridge Removal	LS
Structure Excavation (Bridge)	512 CY
Structure Excavation (Retaining Wall)	923 CY
Structure Backfill (Bridge)	486 CY
Structure Backfill (Retaining Wall)	1,696 CY
Temporary Shoring	LS
Prestressing Cast-In-Place Concrete	LS
Structural Concrete, Bridge Footing	206 CY
Structural Concrete, Bridge	596 CY
Structural Concrete, Bridge (Polymer Fiber)	137 CY
Structural Concrete, Retaining Wall	485 CY
Structural Concrete, Approach Slab (Type N)	149 CY
Joint Seal (MR 1 1/2")	125 LF
Bar Reinforcing Steel (Bridge)	151,137 LB
Bar Reinforcing Steel (Retaining Wall)	65,151 LB
Bridge Deck Drainage System	221 LF
Tubular Bicycle Railing	525 LF
Concrete Barrier (Type 836)	525 LF

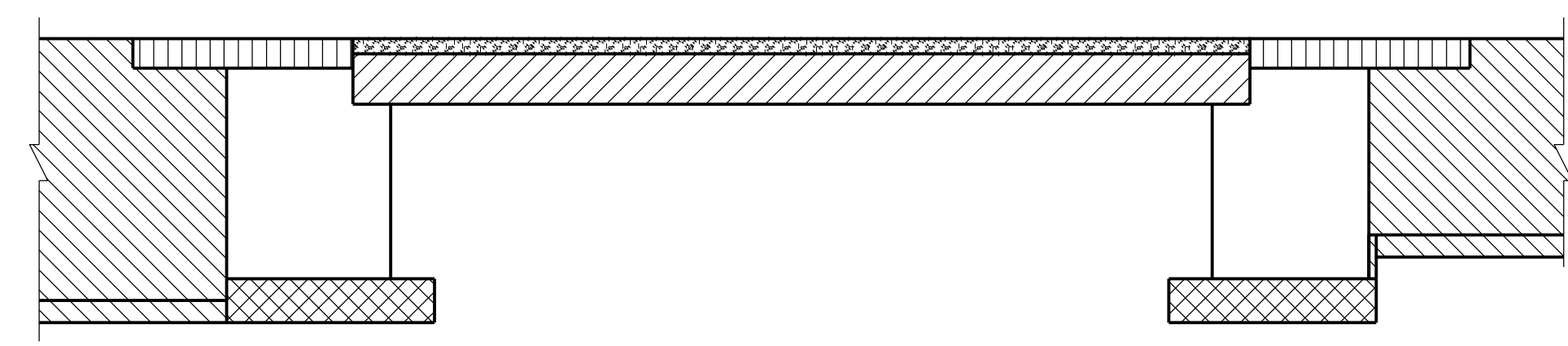


**ACCELERATION RESPONSE SPECTRA CURVE**  
No Scale



Note: Does not include allowance for falsework settlement

**CAMBER DIAGRAM**  
No Scale



- Structural Concrete, Bridge (Polymer Fiber)  
(See Prestressing Notes on "Girder Layout" sheet)
- Structural Concrete, Bridge  
(See Prestressing Notes on "Girder Layout" sheet)
- Structural Concrete, Bridge
- Structural Concrete, Bridge Footing
- Structural Concrete, Approach Slab
- Structural Concrete, Retaining Wall

**CONCRETE STRENGTH AND TYPE LIMITS**  
No Scale

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		28	39

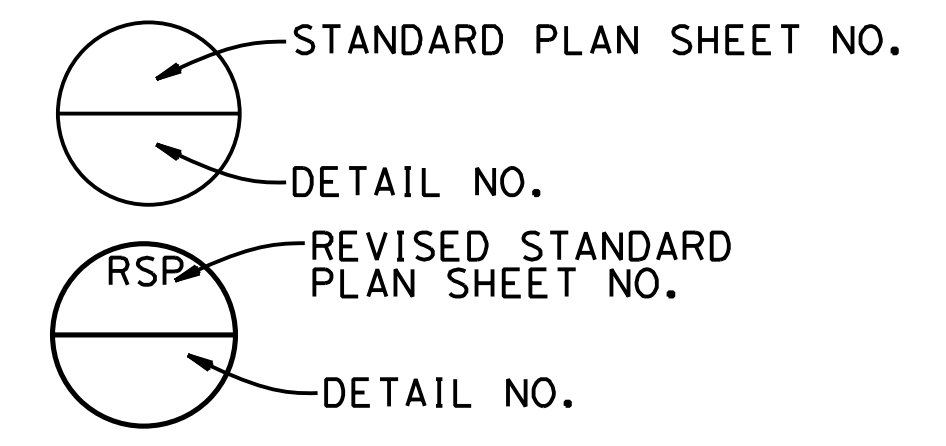
**Scott McCauley**  
 REGISTERED CIVIL ENGINEER  
 DATE: 11-30-22  
**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

**STANDARD PLANS DATED 2018**

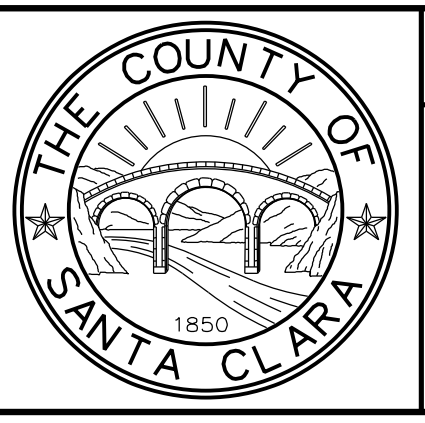
- A3A Abbreviations (sheet 1 of 3)
- A3B Abbreviations (sheet 2 of 3)
- A3C Abbreviations (sheet 3 of 3)
- A10A Legend - Lines and Symbols (sheet 1 of 5)
- A10B Legend - Lines and Symbols (sheet 2 of 5)
- A10C Legend - Lines and Symbols (sheet 3 of 5)
- A10D Legend - Lines and Symbols (sheet 4 of 5)
- A10E Legend - Lines and Symbols (sheet 5 of 5)
- A62B Limits of Payment for Excavation and Backfill - Bridge Surcharge and Wall
- A62C Limits of Payment for Excavation and Backfill Bridge
- RSP B0-1 Bridge Details
- B0-3 Bridge Details
- B0-5 Bridge Details
- B0-13 Bridge Details
- B3-1A Retaining Wall Type 1 (Case 1)
- B3-5 Retaining Wall Details No. 1
- B6-21 Joint Seals (Maximum Movement Rating = 2")
- B7-1 Box Girder Details
- B7-6 Deck Drains - Types D-1 and D-2
- B8-5 Cast-In-Place Post-Tensioned Girder Details
- B9-1 Structure Approach - Type N (30)
- B9-5 Structure Approach - Slab Details
- B9-6 Structure Approach - Drainage Details
- RSP B11-79 Concrete Barrier Type 836 Details No. 1
- RSP B11-80 Concrete Barrier Type 836 Details No. 2



**GENERAL NOTES**  
**LOAD AND RESISTANCE FACTOR DESIGN**

- DESIGN:** AASHTO LRFD Bridge Design Specifications 6th Edition and the Caltrans Amendments v4 dated January 2014
- SEISMIC DESIGN:** Caltrans Seismic Design Criteria (SDC), Version 1.7 dated April 2013
- DEAD LOADING:** Includes 35 psf for future wearing surface
- LIVE LOADING:** HL93 with "Low-boy" and Permit design vehicle
- SEISMIC LOADING:** SDC ARS Curve with  $V_{s30} = 270$  m/s  
Maximum Magnitude 7.0  
Peak ground Acceleration = 0.68 g
- REINFORCED CONCRETE:**  $f_y = 60$  ksi  
 $f'_c = 3.6$  ksi, unless otherwise noted  
 $n = 8$
- PRESTRESSED CONCRETE:** See Prestressing Notes on "Girder Layout" sheet

NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>D. Mossman</b> 10/2012	DATE	SUBMITTED:	REVIEWED:	APPROVED:
DRAWN: <b>R. Romeriz</b> 10/2012	DATE	DocuSigned by: <b>Barni Roncal</b> 77081EF45E4843E	DocuSigned by: <b>Rocelia Kmak</b> B51EF92B38F5489	DocuSigned by: <b>Solomon Tegegne</b> BE889C3D12854E2 1/18/2023
CHECKED: <b>S. Salvador</b> 10/2012	DATE	<b>BARNI RONCAL</b> ASSISTANT CIVIL ENGINEER	<b>ROCELIA KMAK</b> PRINCIPAL CIVIL ENGINEER	<b>SOLOMON TELEGNE</b> SENIOR CIVIL ENGINEER

**UVAS ROAD OVER UVAS CREEK**  
**UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD**

**DECK CONTOURS**

DRAWING No. **S-2**  
 SHT. No. **28** OF **39**  
 Scale **AS SHOWN**

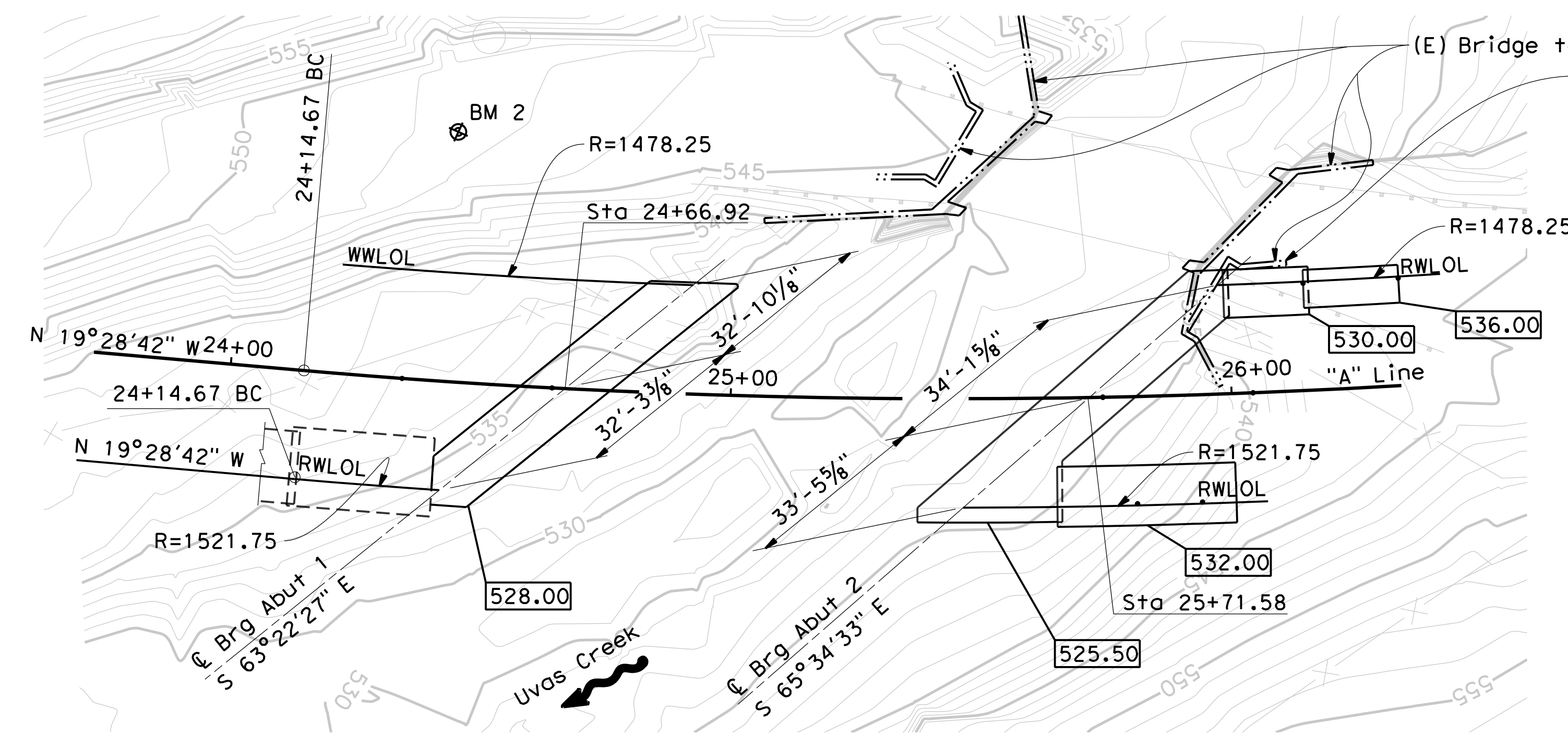
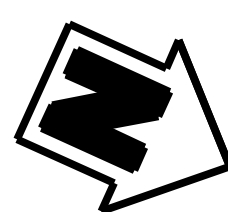


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		29	39

Scott McCauley 11-30-22  
 REGISTERED CIVIL ENGINEER DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181



**PLAN**  
1"=20'

**HYDROLOGIC SUMMARY**

Drainage area: 14.20 Square Miles

	Design Flood	Base Flood
Frequency (years)	50	100
Discharge (cubic feet per second)	4,680	5,260
Water Surface Elev at Bridge (ft)	540.0	540.5

Flood plain data based upon information available when the plans were prepared and are shown to meet Federal requirements. The accuracy of said information is not warranted by the County and interested or affected parties should make their own investigations.

**SCOUR DATA TABLE**

SUPPORT No.	LONG TERM (DEGRADATION AND CONTRACTION) SCOUR ELEVATION (ft)	SHORT TERM (LOCAL) SCOUR DEPTH (ft)
Abut 1	535.60	3.8
Abut 2	534.60	5.7

**BENCH MARK DATA**

No.	NORTHING	EASTING	ELEVATION	LINE	STATION	OFFSET	DESCRIPTION
1	1861703.04	6204767.81	565.29	"A"	21+15.46	9.35' Rt	Iron Pipe 1"
2	1861977.30	6204584.79	547.51	"A"	24+42.15	49.89' Lt	Iron Pipe 1"
3	1862270.18	6204487.16	549.68	"A"	27+54.01	7.23' Lt	Iron Pipe 1"

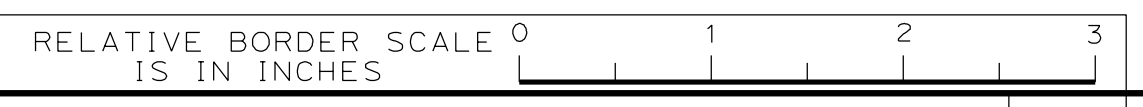
Horizontal Datum: Zone 3 CSPC NAD83  
Vertical Datum: NAVD88

**SPREAD FOOTING DATA TABLE**

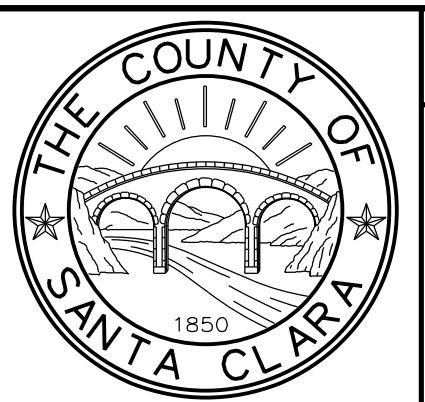
LOCATION	SERVICE PERMISSABLE NET CONTACT STRESS (SETTLEMENT) (ksf)	STRENGTH/CONSTRUCTION FACTORED GROSS NOMINAL BEARING RESISTANCE $\phi_b = 0.5$ (ksf)	EXTREME EVENT FACTORED GROSS NOMINAL BEARING RESISTANCE $\phi_b = 1.0$ (ksf)
ABUT 1	22.2	37.5	68.2
ABUT 2	21.3	33.3	60.6

Legend:

Indicates bottom of footing elevation



NO.	REVISIONS	BY	DATE	APP'D
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04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

D. Mossman 10/2012 SUBMITTED  
 R. Romeriz 10/2012 DESIGNED  
 S. Salvador 10/2012 DRAWN  
 BARNI RONCAL ASSISTANT CIVIL ENGINEER

ROCELIA KIMAK PRINCIPAL CIVIL ENGINEER

SOLOMON TELEGNE SENIOR CIVIL ENGINEER

**UVAS ROAD OVER UVAS CREEK**  
UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD

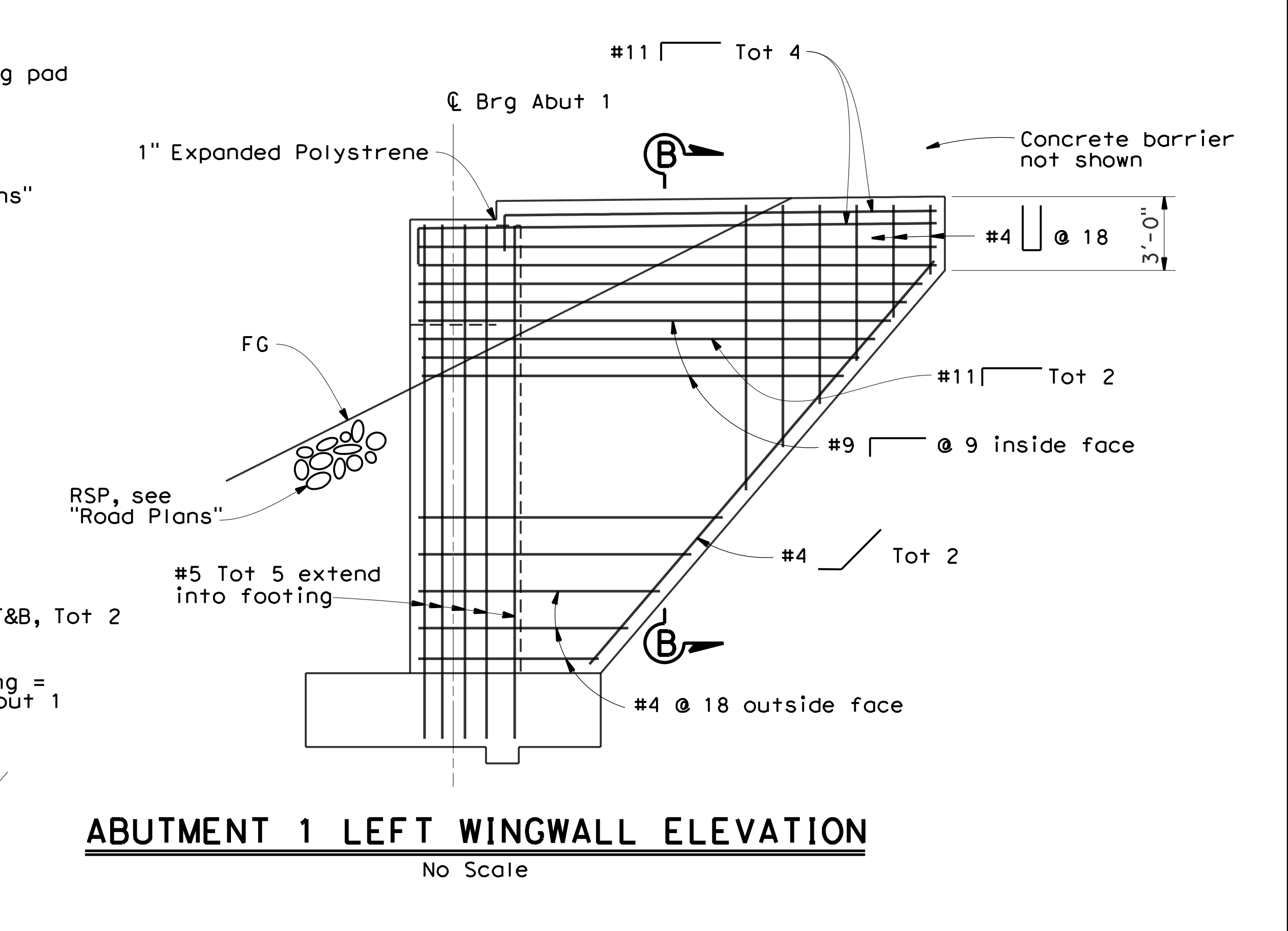
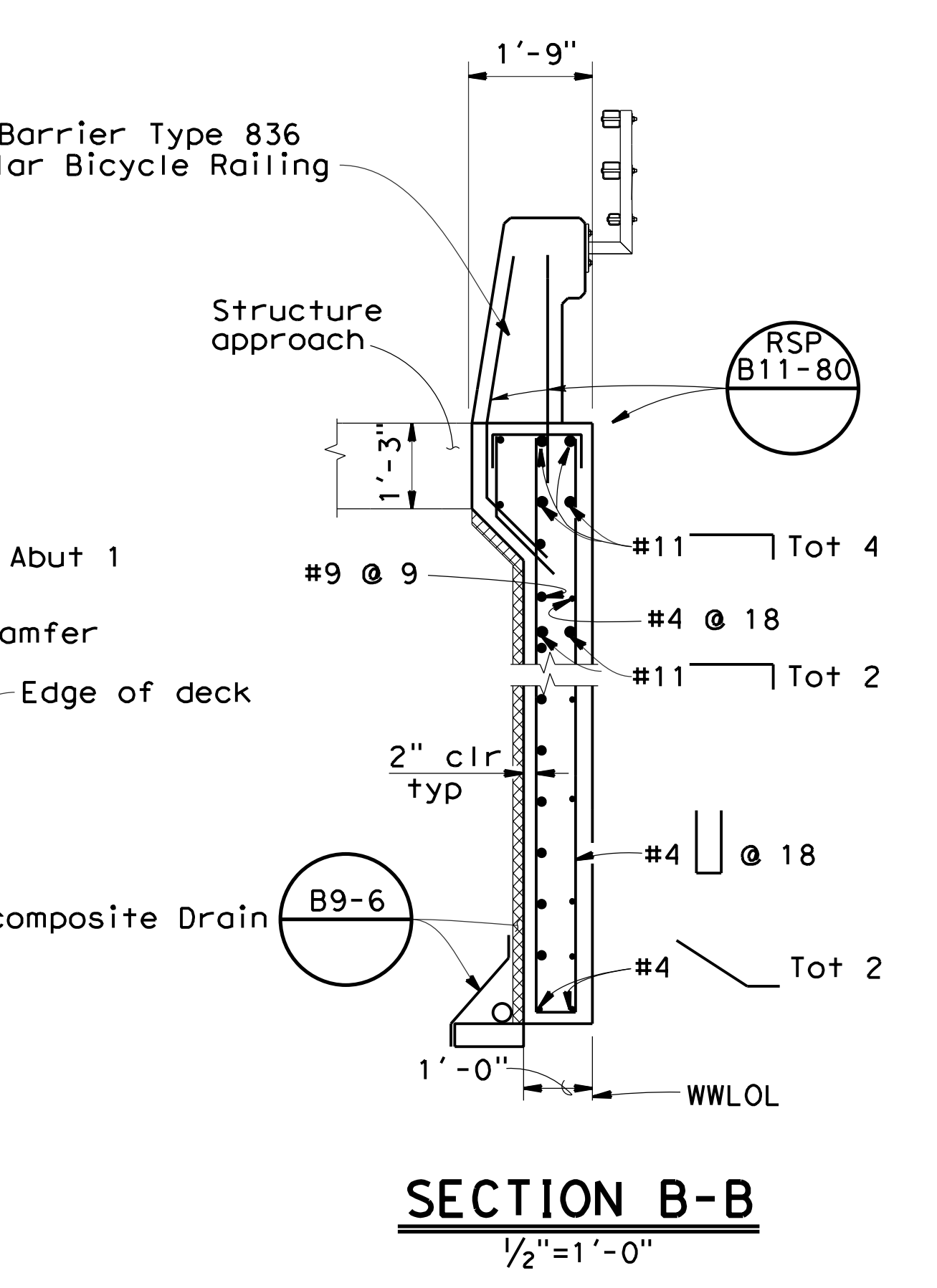
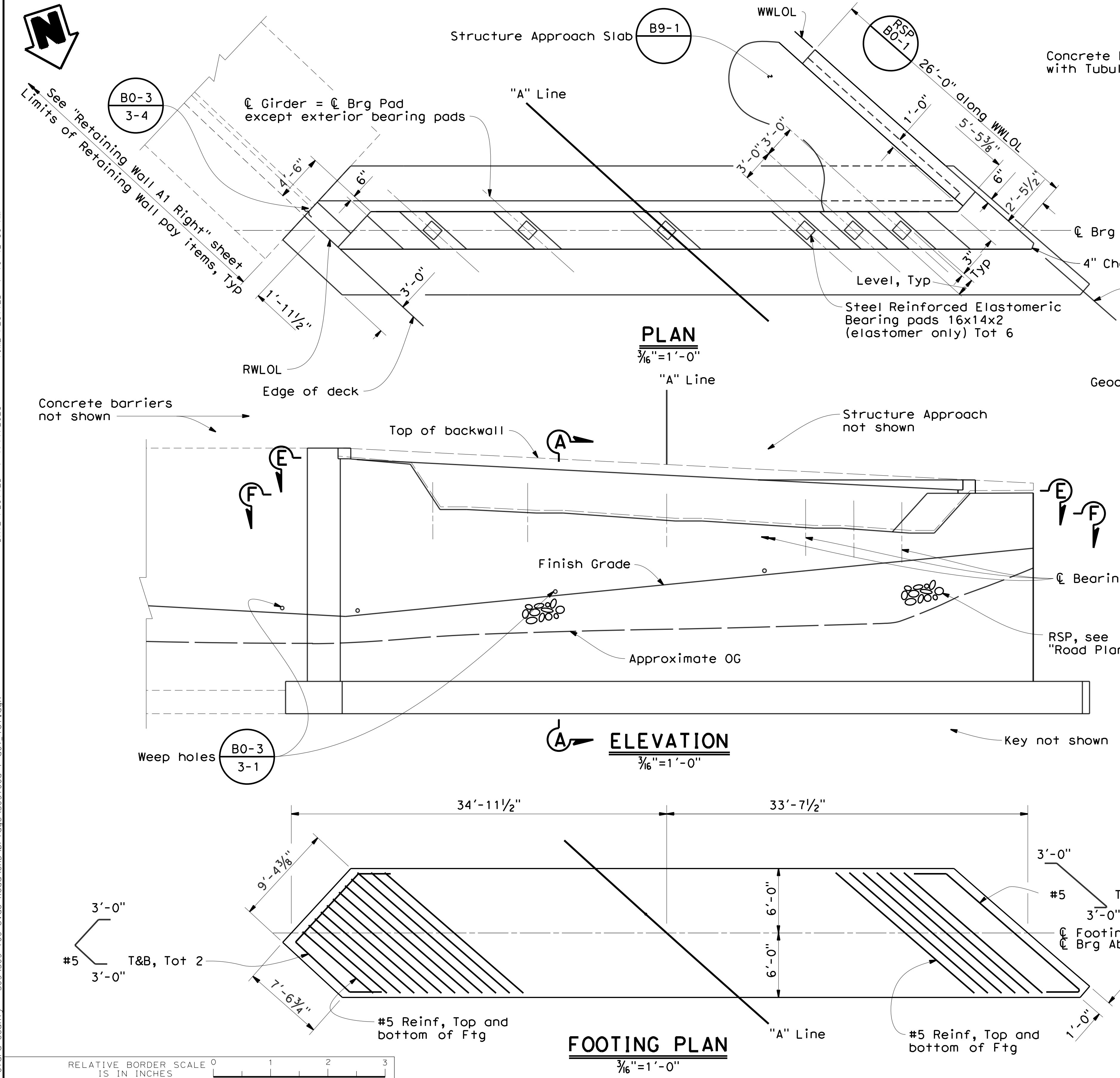
**FOUNDATION PLAN**

DRAWING No. **S-3**  
 SHT No. 29 OF 39  
 Scale AS SHOWN

PCA C4328 ADVERTISEMENT DATE: CONTRACT No. FILE No.



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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		30	39

Scott McCauley  
 REGISTERED CIVIL ENGINEER  
 11-30-22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

- Notes:
- For sections and details not shown, see Abutment Details sheets.
  - Retaining wall footings to be perpendicular to RWLOL.

NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO

COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

DESIGNED: D. Mossman 10/2012  
 DRAWN: R. Romeriz 10/2012  
 CHECKED: S. Salvador 10/2012

REVIEWED: Rocelia Kmak  
 ROCELIA KMAK  
 PRINCIPAL CIVIL ENGINEER

APPROVED: Solomon Tegegne  
 SOLOMON TEGEAGNE  
 SENIOR CIVIL ENGINEER

UVAS ROAD OVER UVAS CREEK  
 UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD

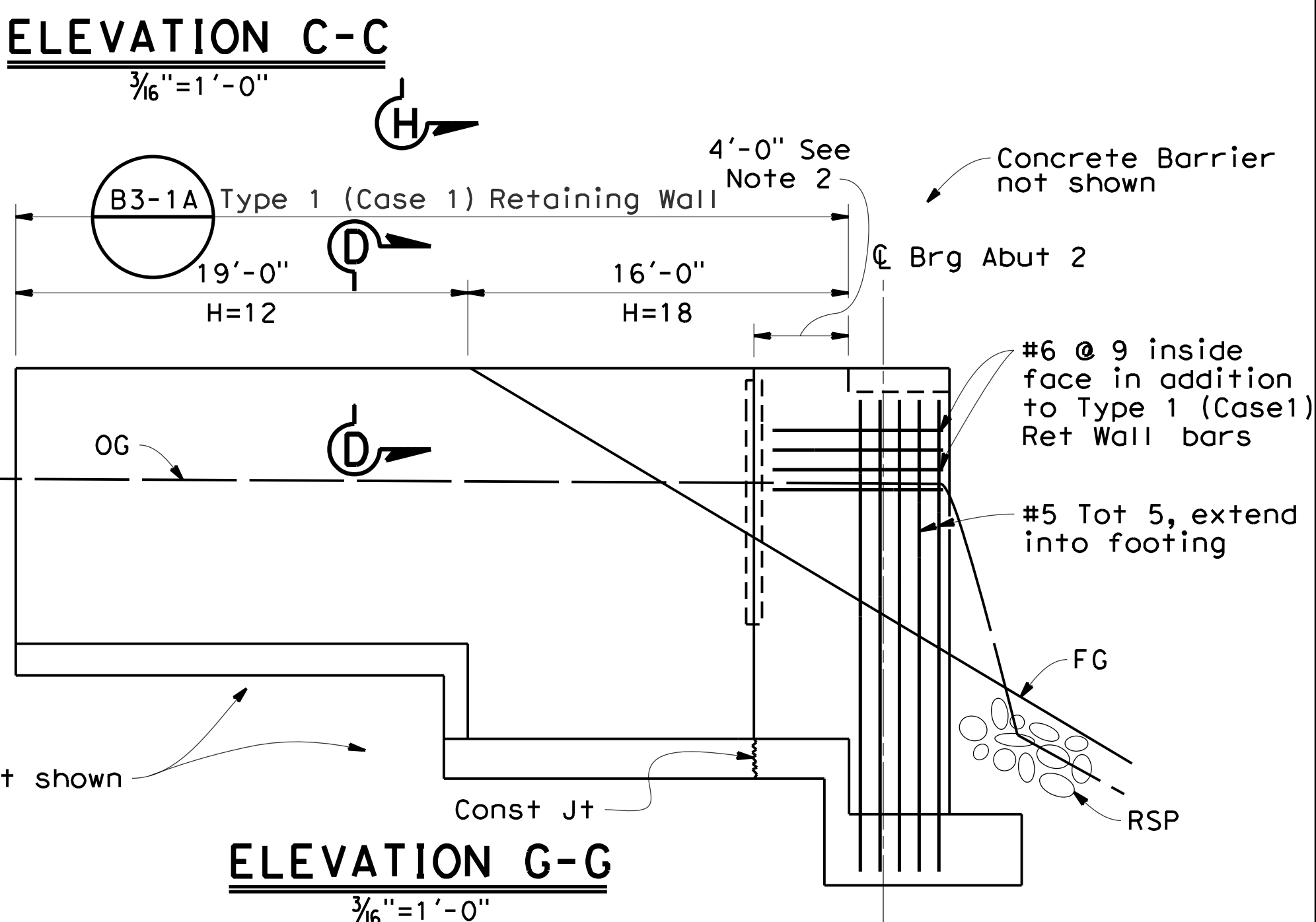
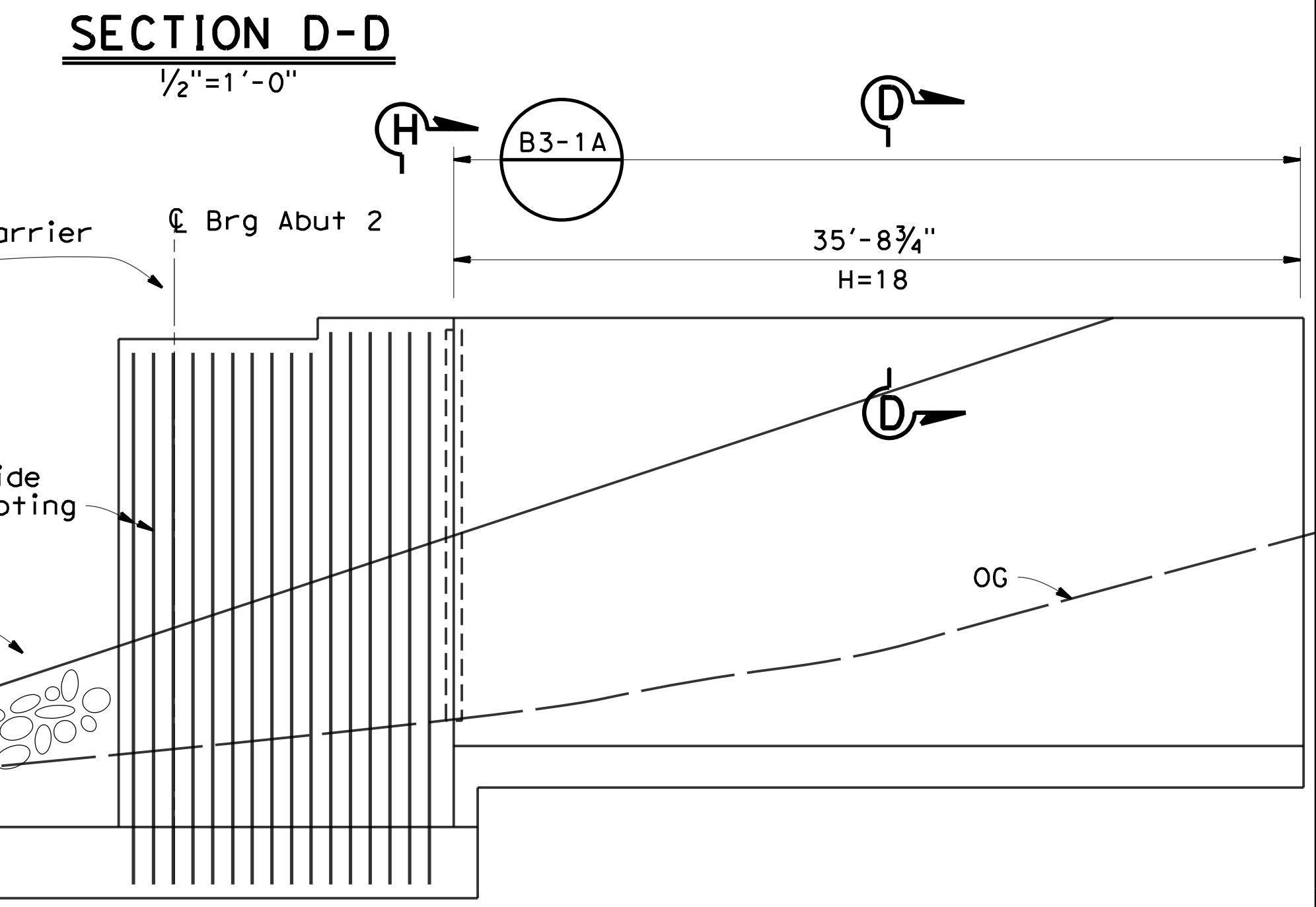
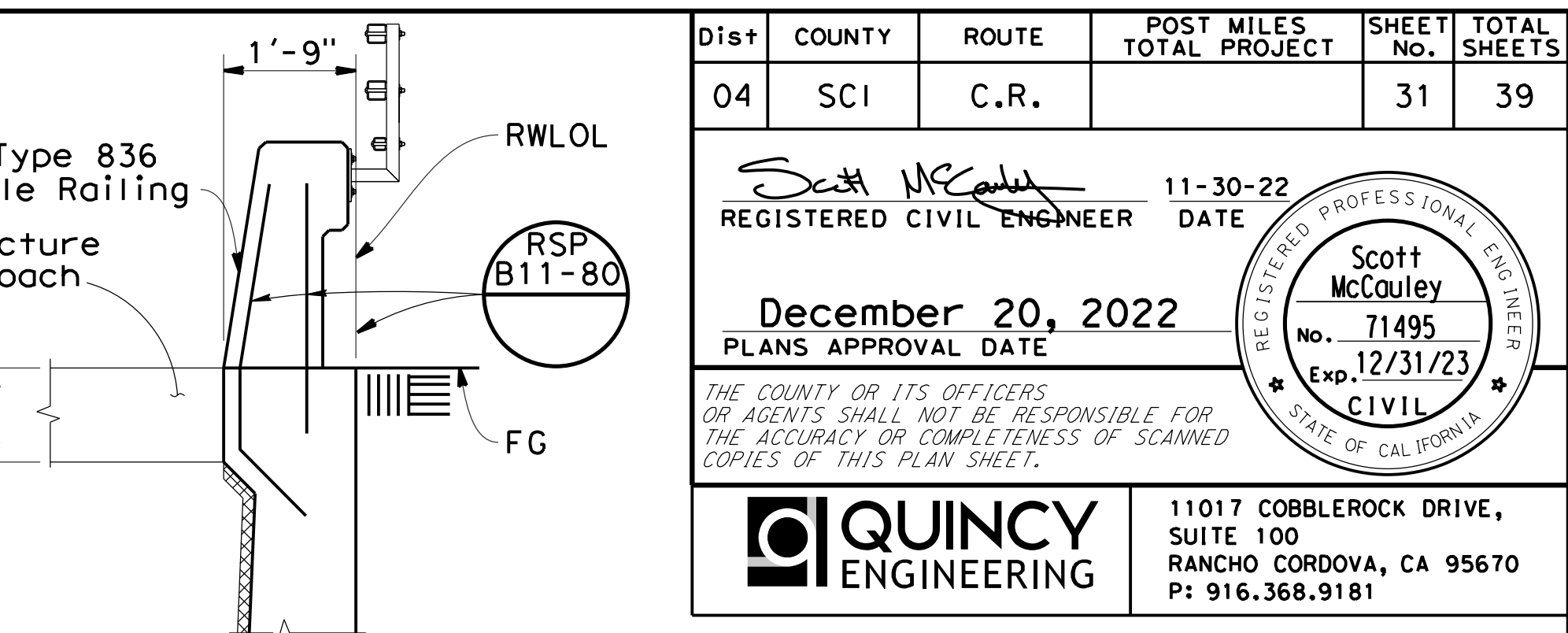
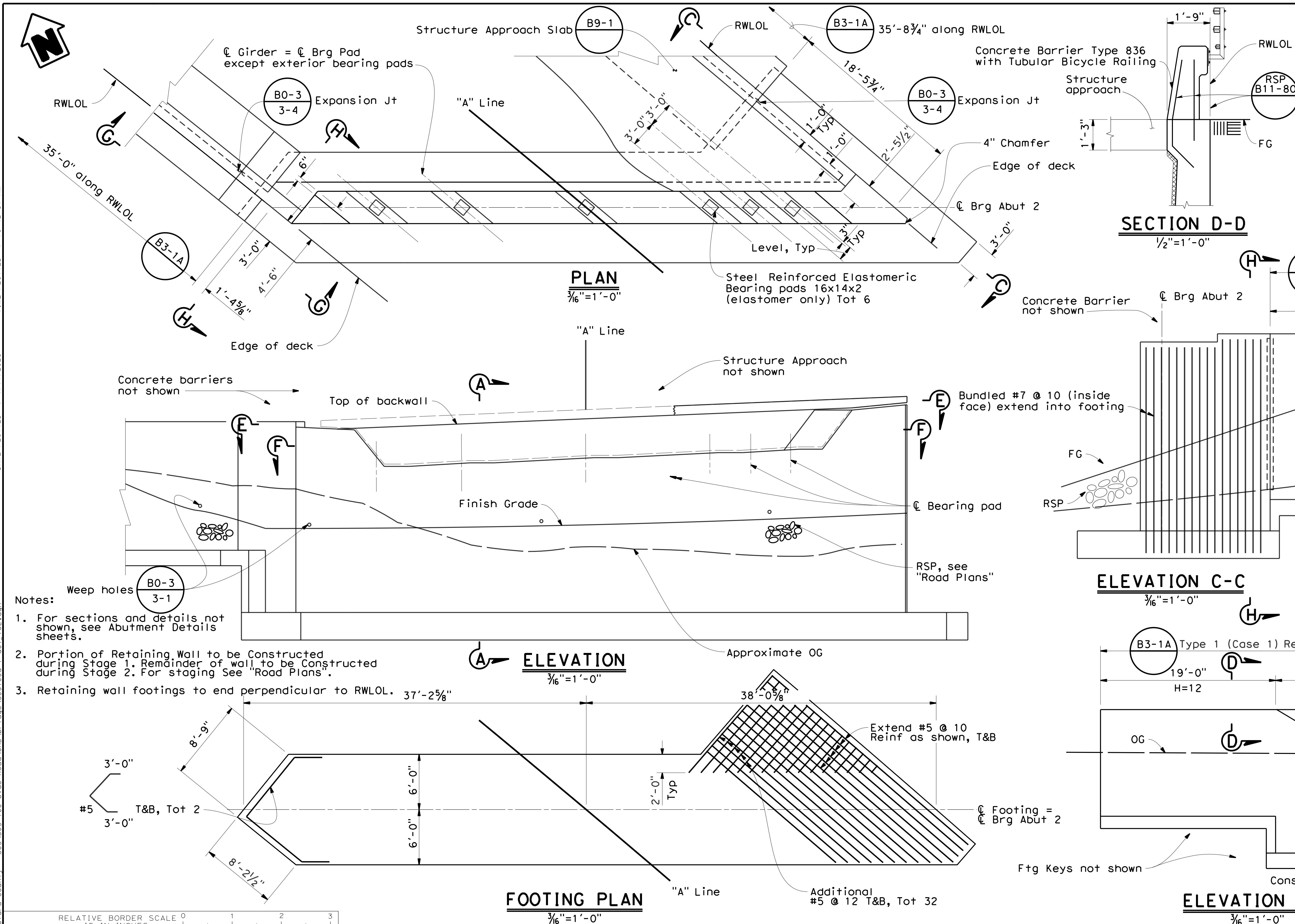
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PCA: C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.  
 FILE No.

DRAWING No. **S-4**  
 SHEET No. 30 OF 39  
 Scale: AS SHOWN



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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		31	39

Scott McCauley  
 REGISTERED CIVIL ENGINEER  
 11-30-22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

- Notes:**
- For sections and details not shown, see Abutment Details sheets.
  - Portion of Retaining Wall to be Constructed during Stage 1. Remainder of wall to be Constructed during Stage 2. For staging See "Road Plans".
  - Retaining wall footings to end perpendicular to RWLOL.  $37' - 2\frac{5}{8}''$

NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO

**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: D. Mossman 10/2012  
 DRAWN: R. Romeriz 10/2012  
 CHECKED: S. Salvador 10/2012

SUBMITTED: 10/2012  
 DATE: 10/2012

REVIEWED: Rocelia Kinak 1/18/2023  
 DATE: 1/18/2023

APPROVED: Solomon Tegegne 1/18/2023  
 DATE: 1/18/2023

BARNI RONCAL ASSISTANT CIVIL ENGINEER  
 ROCELIA KINAK PRINCIPAL CIVIL ENGINEER  
 SOLOMON TEGEAGNE SENIOR CIVIL ENGINEER

UVAS ROAD OVER UVAS CREEK  
 UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD  
**ABUTMENT 2 LAYOUT**

DRAWING No. **S-5**  
 SHT No. 31 OF 39  
 Scale AS SHOWN

PCA C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.  
 FILE No.



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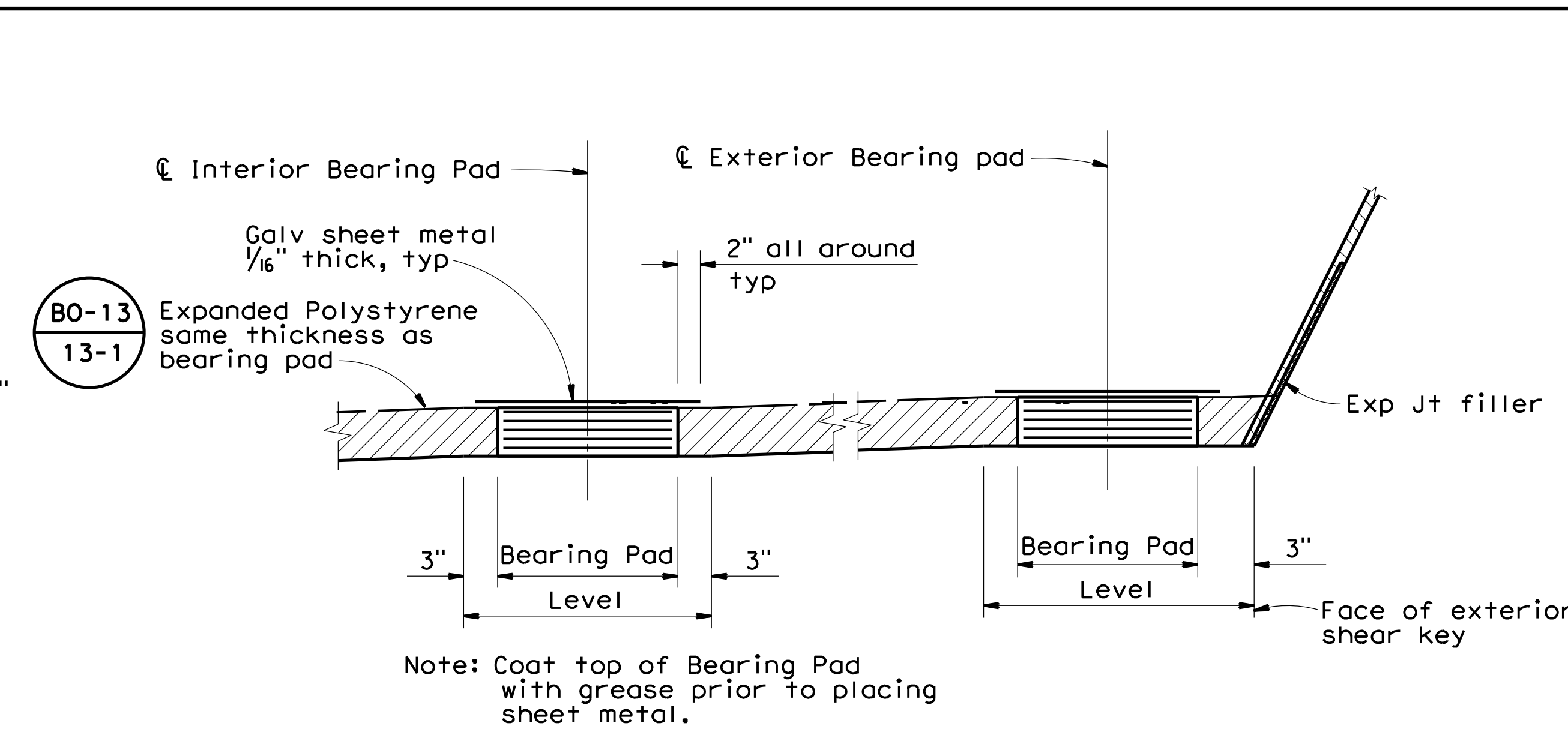
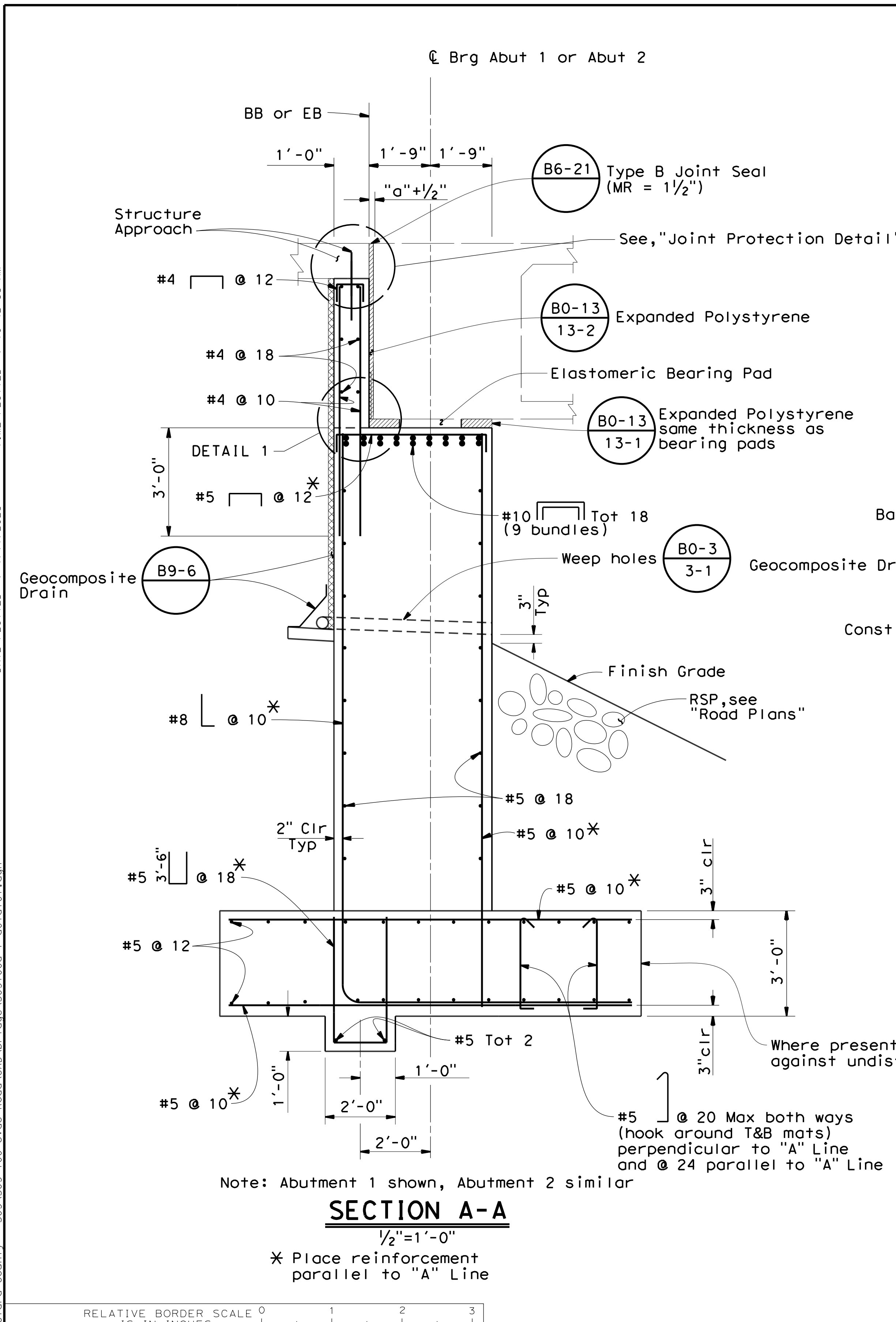
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		32	39

REGISTERED CIVIL ENGINEER  
 Scott McCauley  
 No. 71495  
 Exp. 12/31/23  
 CIVIL  
 STATE OF CALIFORNIA

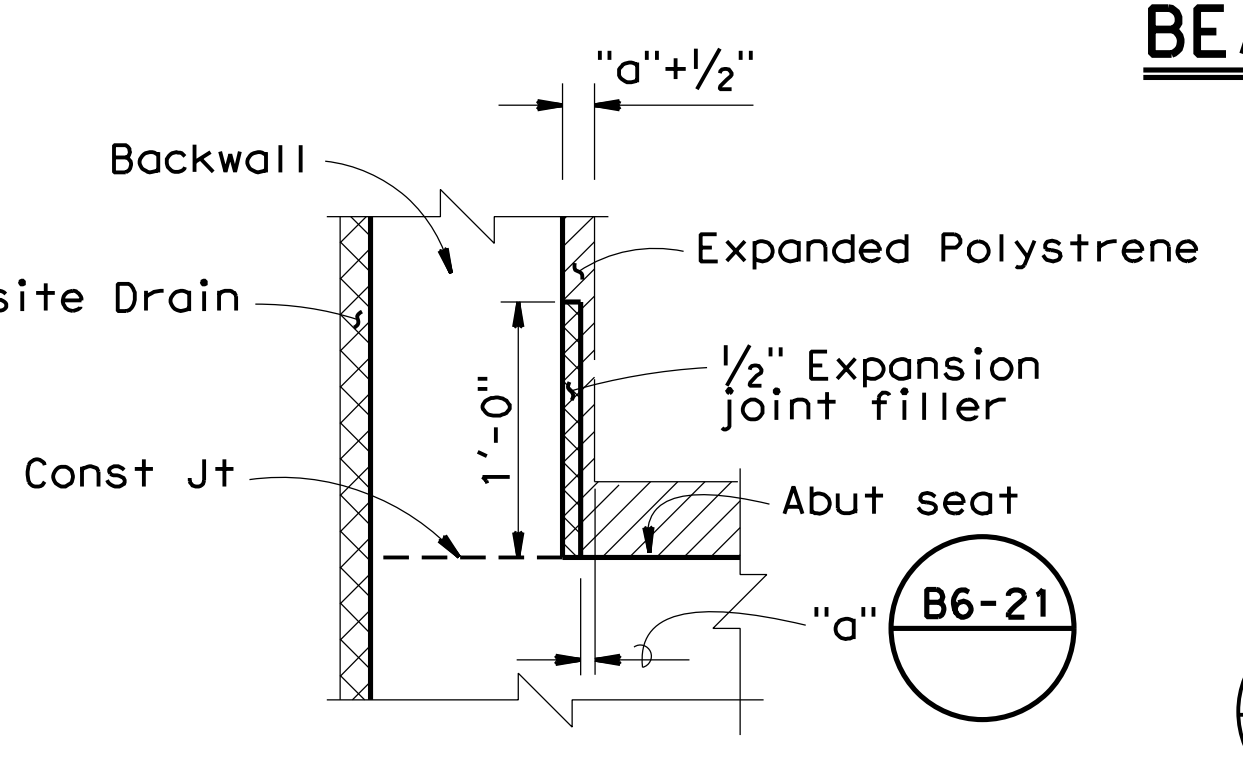
11-30-22  
 DATE  
 December 20, 2022  
 PLANS APPROVAL DATE

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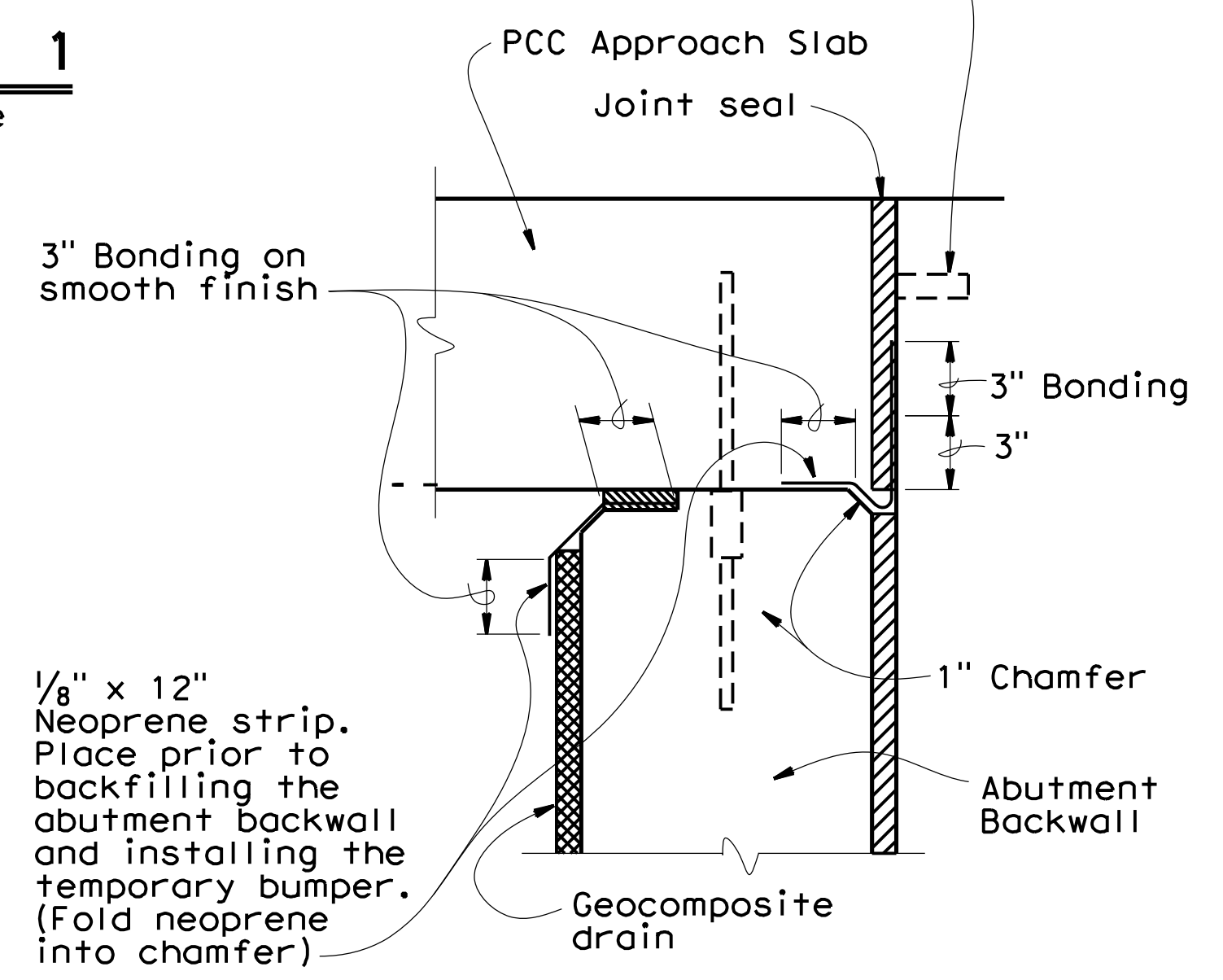
**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181



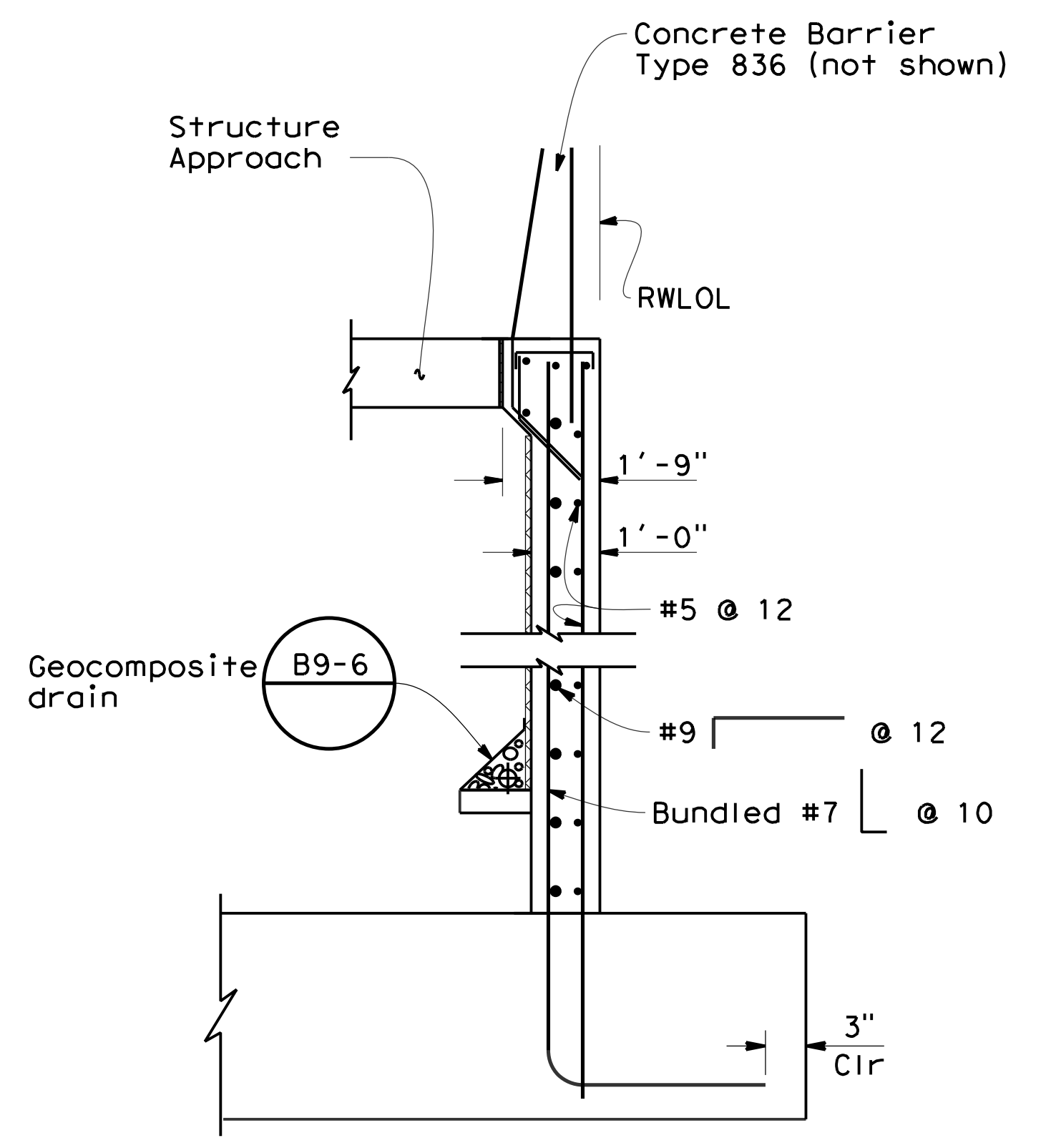
**BEARING PAD DETAIL**  
No Scale



**DETAIL 1**  
No Scale

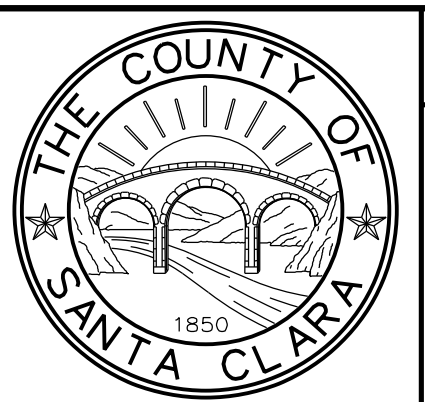


**JOINT PROTECTION DETAIL**  
No Scale



**SECTION H-H**  
1/2" = 1'-0"

REVISIONS				
NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
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02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: D. Mossman DATE: 10/2012	REVIEWED: R. Romeriz DATE: 10/2012	CHECKED: S. Salvador DATE: 10/2012	APPROVED: Solomon Tegegne No. 76913 Exp. 12/31/24 CIVIL DATE: 1/18/2023
--	--	--	--

DocuSigned by:  
 Barni Roncal  
 BARNI RONCAL  
 ASSISTANT CIVIL ENGINEER

DocuSigned by:  
 Rocelia Kmak  
 ROCELIA KMAK  
 PRINCIPAL CIVIL ENGINEER

DocuSigned by:  
 Solomon Tegegne  
 SOLOMON TEGEGNE  
 SENIOR CIVIL ENGINEER

**UVAS ROAD OVER UVAS CREEK**  
**UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD**  
**ABUTMENT DETAILS NO.1**

DRAWING No. **S-6**  
 SHT No. 32 OF 39  
 Scale AS SHOWN

PCA C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.  
 FILE No.

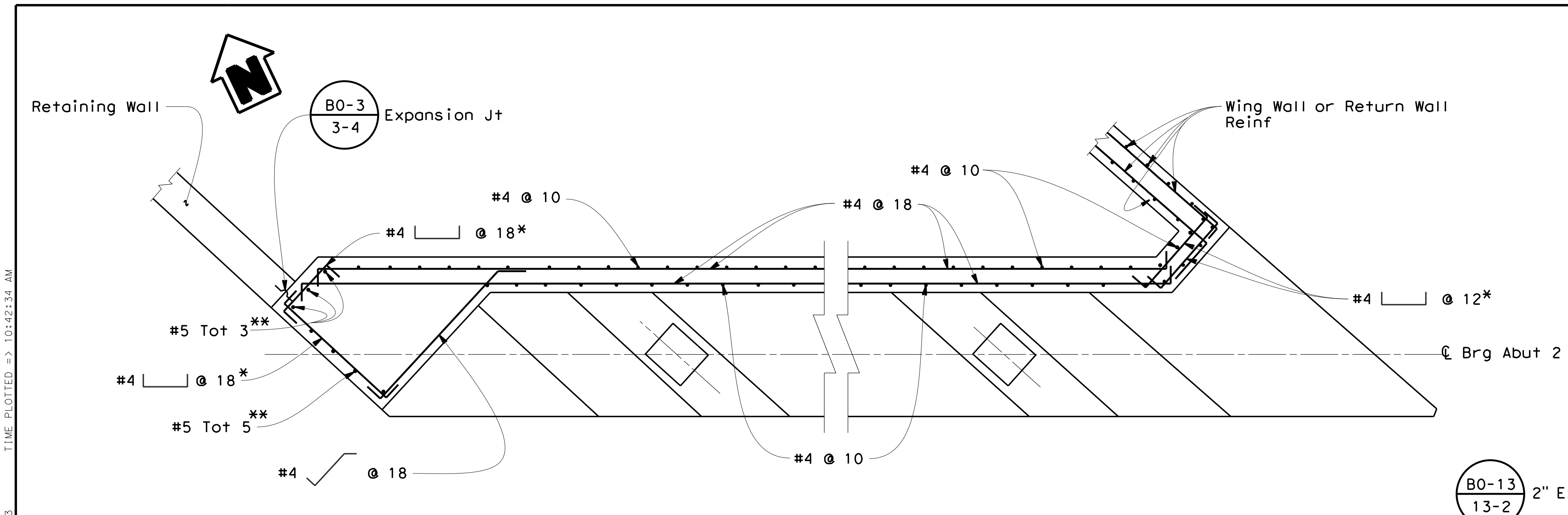


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		33	39

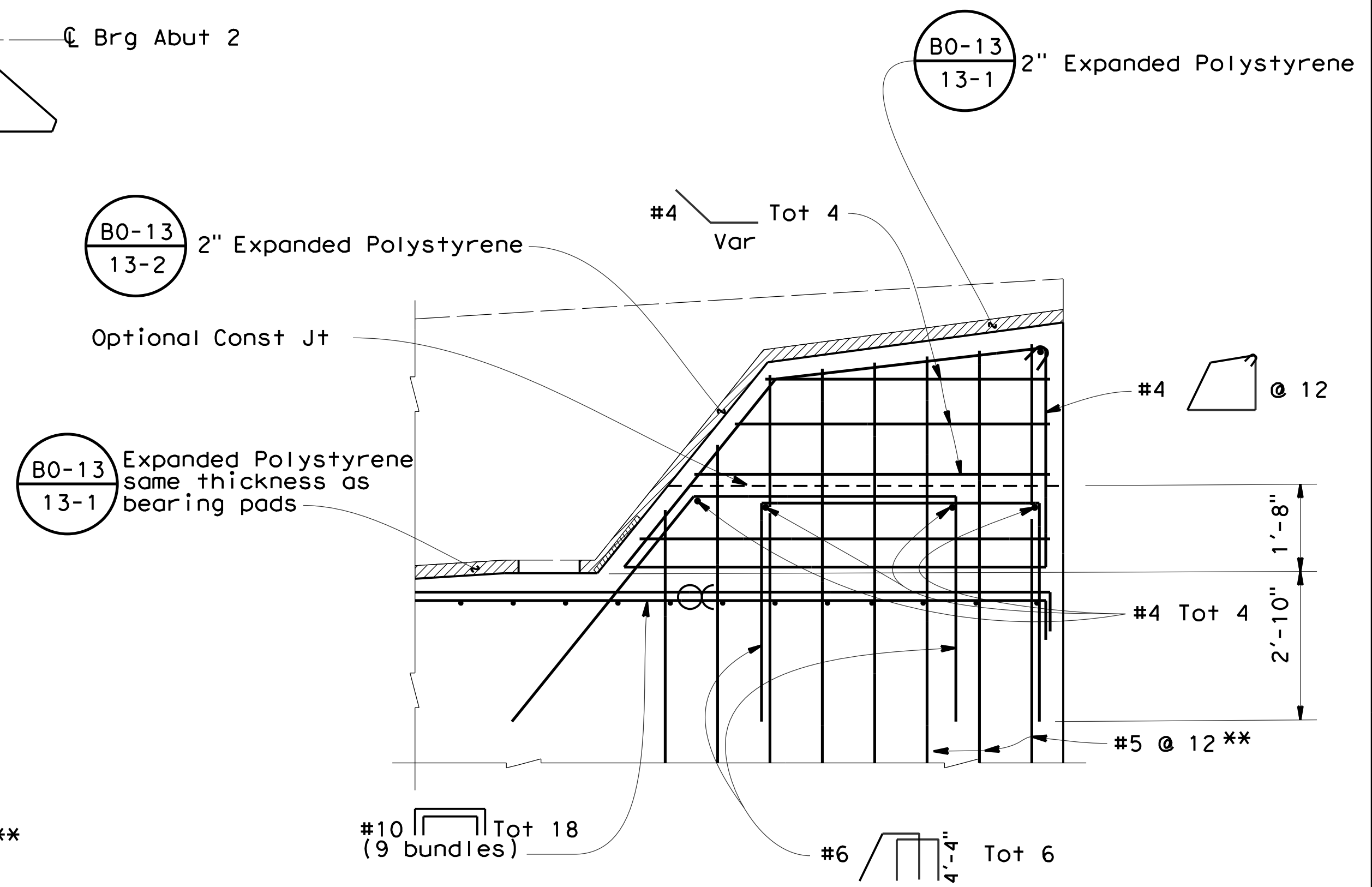
**Scott McCauley**  
 REGISTERED CIVIL ENGINEER  
 DATE: 11-30-22  
**December 20, 2022**  
 PLANS APPROVAL DATE

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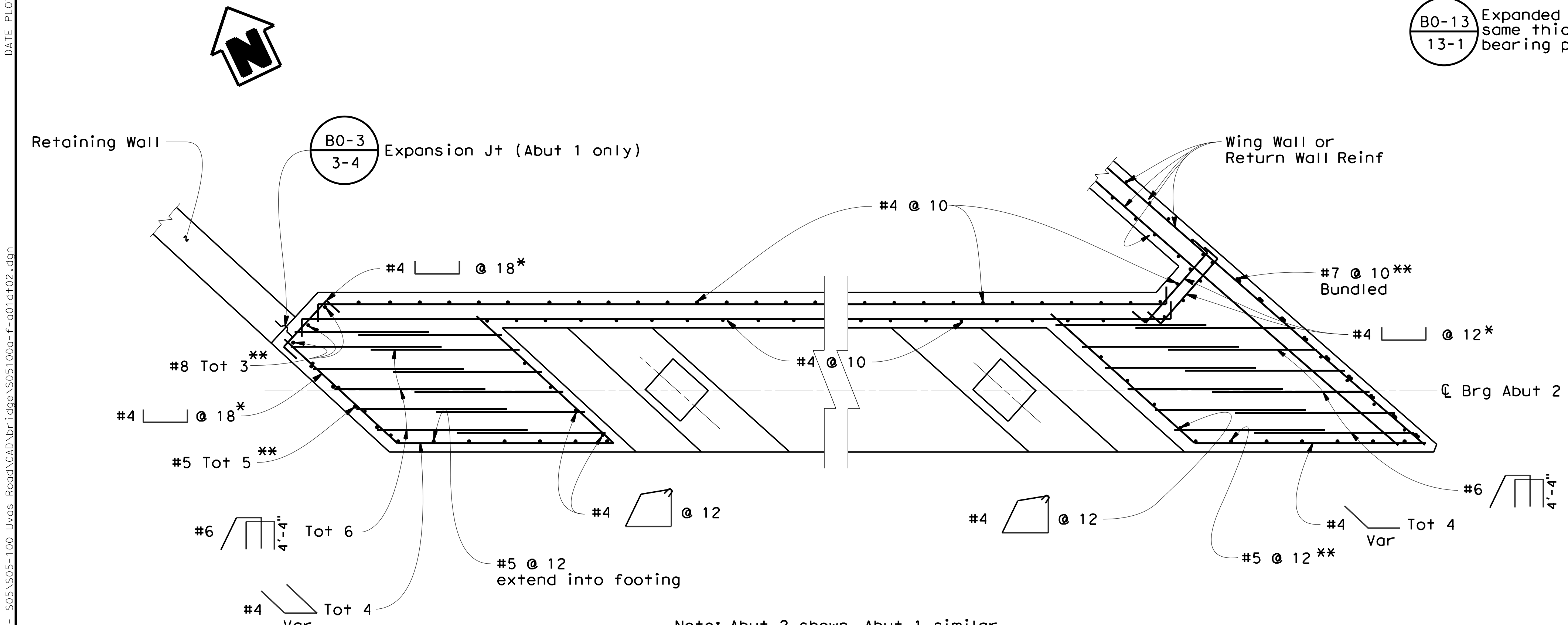
**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670  
 P: 916.368.9181



Note: Abut 2 shown, Abut 1 similar  
**SECTION E-E**  
 1/2"=1'-0"



**SHEAR KEY ELEVATION**  
 1/2"=1'-0"

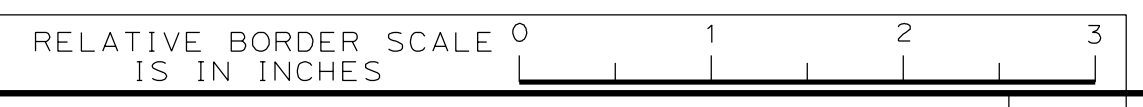


Note: Abut 2 shown, Abut 1 similar  
**SECTION F-F**  
 1/2"=1'-0"

\* Place to top of footing  
 \*\* Extend into footing

Notes:  
 Indicates bundled bars.

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DATE PLOTTED => 1/17/2023  
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NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>D. Mossman</b> 10/2012	DATE: 10/2012	REVIEWED: <b>Rocelia Kmak</b>	DATE: 1/18/2023
DRAWN: <b>S. Salvador</b> 10/2012	DATE: 10/2012	APPROVED: <b>Solomon Tegegne</b>	DATE: 1/18/2023
CHECKED: <b>Barni Roncal</b>	DATE: 10/2012	REGISTERED PROFESSIONAL ENGINEER No. 76913 Exp. 12/31/24 CIVIL	

**UVAS ROAD OVER UVAS CREEK**  
**UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD**

**ABUTMENT DETAILS NO.2**

DRAWING No. **S-7**  
 SHEET No. **33** OF **39**  
 Scale: **AS SHOWN**



FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\bridge\S051000-g-rw\_1e01.dgn  
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 TIME PLOTTED => 10:42:35 AM

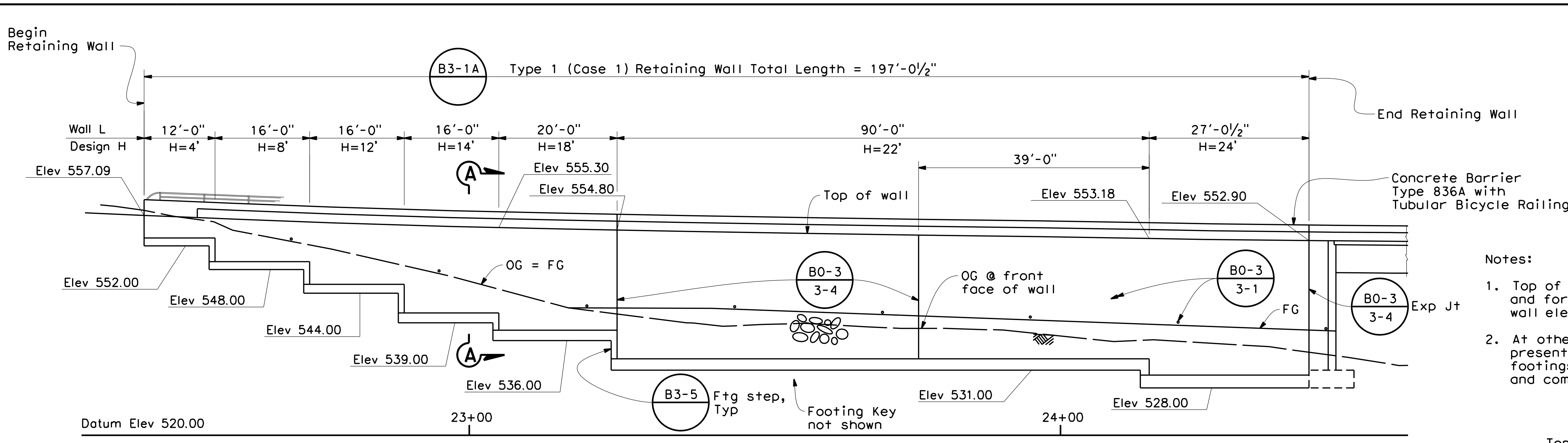
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		34	39

REGISTERED CIVIL ENGINEER  
 Scott McCauley  
 No. 71495  
 Exp. 12/31/23  
 CIVIL  
 STATE OF CALIFORNIA

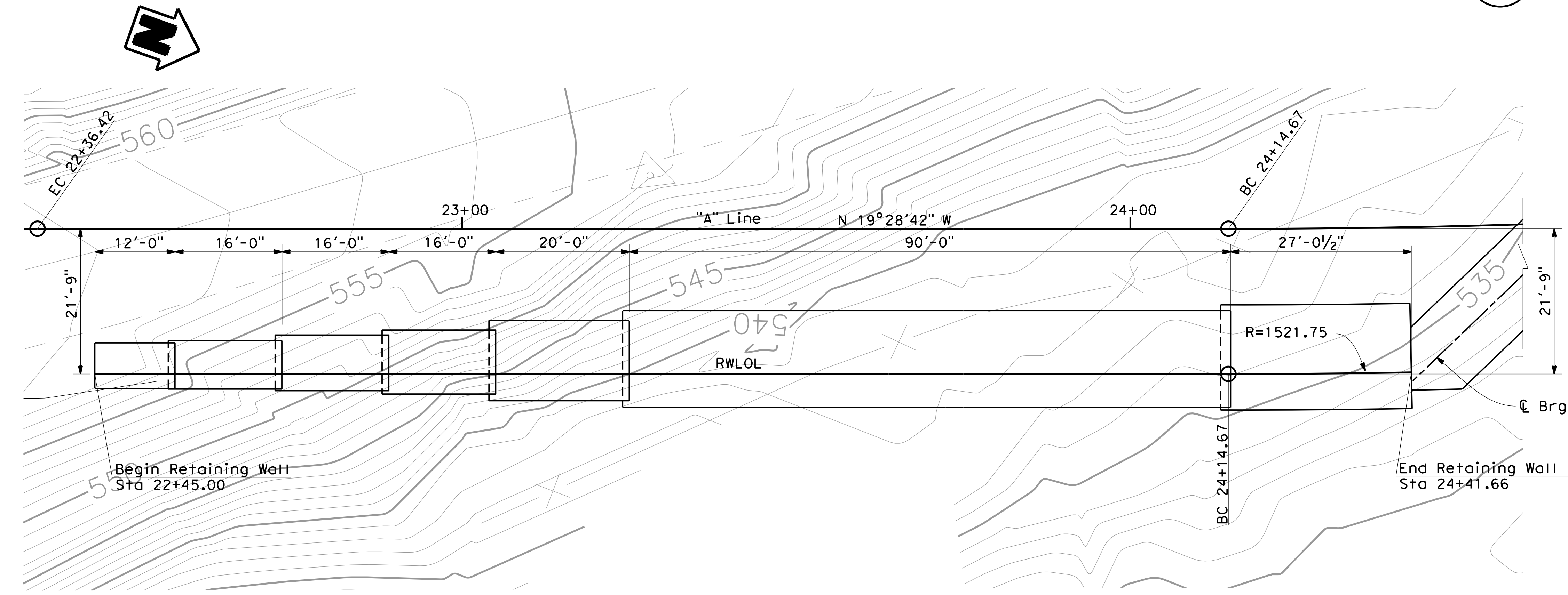
11-30-22  
 DATE  
 December 20, 2022  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

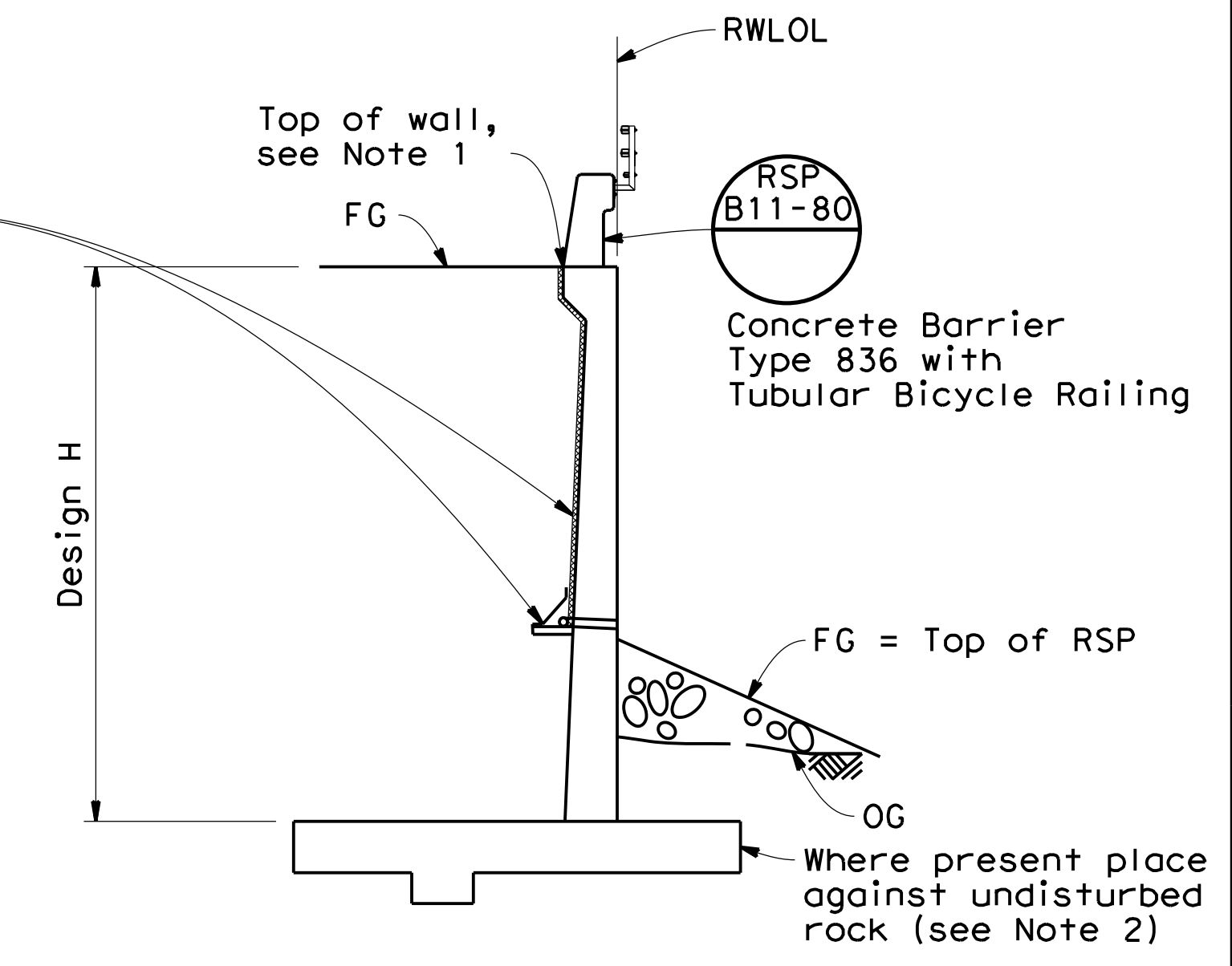


**ELEVATION**  
1"=10'

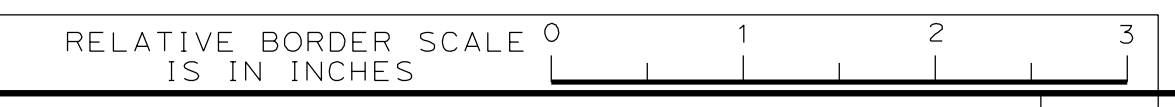


**PLAN**  
1"=10'

- Notes:
1. Top of wall elevations provided are approximate and for information only. Actual top of wall elevations shall match roadway grades.
  2. At other locations where undisturbed rock is not present, remove material below the bottom of footings. Replace the material with Class 2 AB and compact per special provisions.



**SECTION A-A**  
1"=5'



NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: D. Mossman DATE: 10/2012	REVIEWED: R. Romeriz DATE: 10/2012	APPROVED: Solomon Tegegne DATE: 1/18/2023
DRAWN: S. Salvador DATE: 10/2012	DESIGNED BY: Danni Roncal DATE: 7/2011	DESIGNED BY: Rocelia Jimak DATE: 1/18/2023

BARNI RONCAL ASSISTANT CIVIL ENGINEER  
 ROCELIA JIMAK PRINCIPAL CIVIL ENGINEER  
 SOLOMON TEPEGNE SENIOR CIVIL ENGINEER

UVAS ROAD OVER UVAS CREEK  
 UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD  
**RETAINING WALL A1 RIGHT**

DRAWING No. S-8  
 SHEET No. 34 OF 39  
 Scale AS SHOWN

PCA C4328  
 ADVERTISEMENT DATE:  
 CONTRACT No.  
 FILE No.



DATE PLOTTED => 10:42:36 AM  
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		35	39

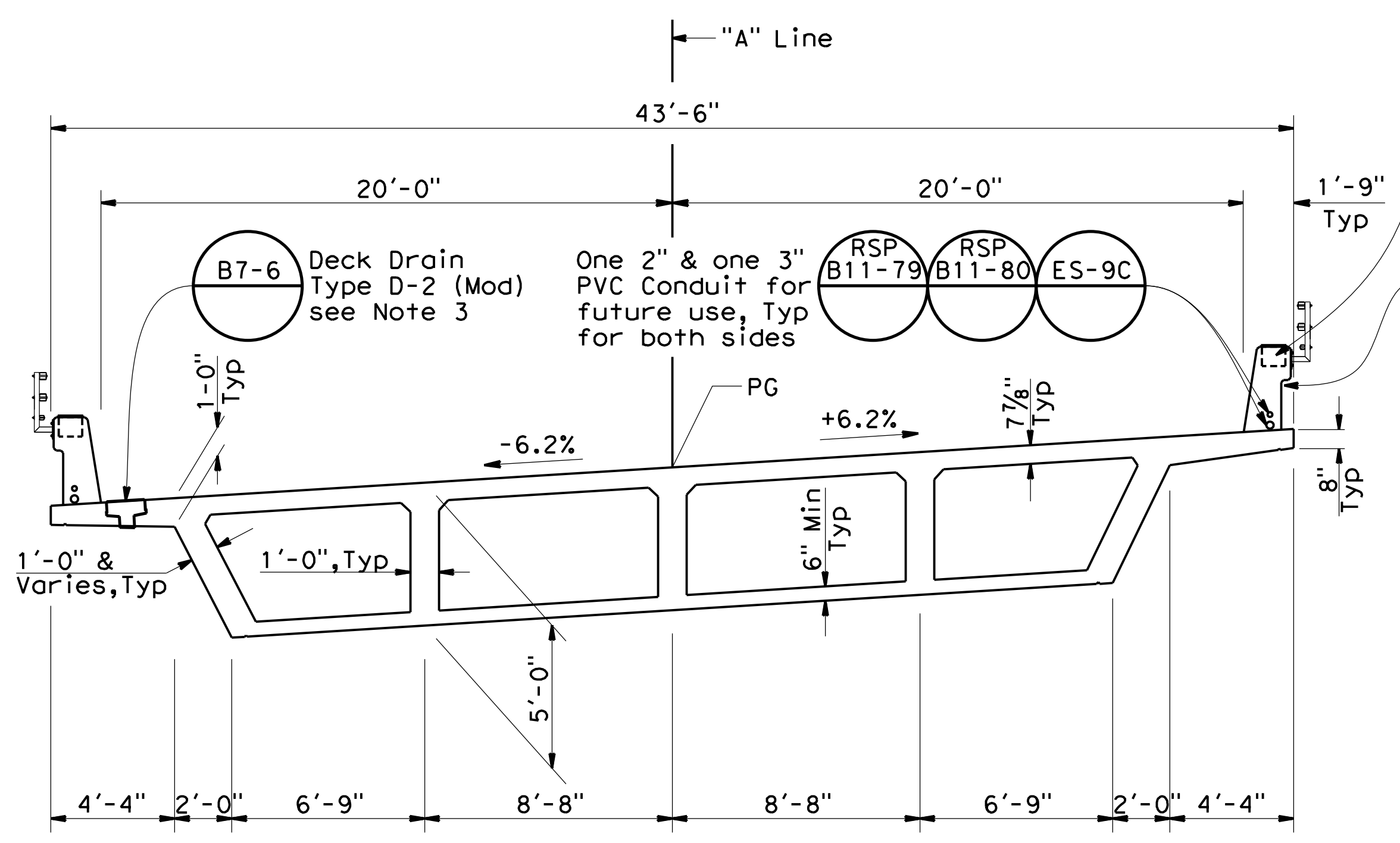
Scott McCauley  
 REGISTERED CIVIL ENGINEER  
 11-30-22 DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

Scott McCauley  
 No. 71495  
 Exp. 12/31/23  
 CIVIL  
 STATE OF CALIFORNIA

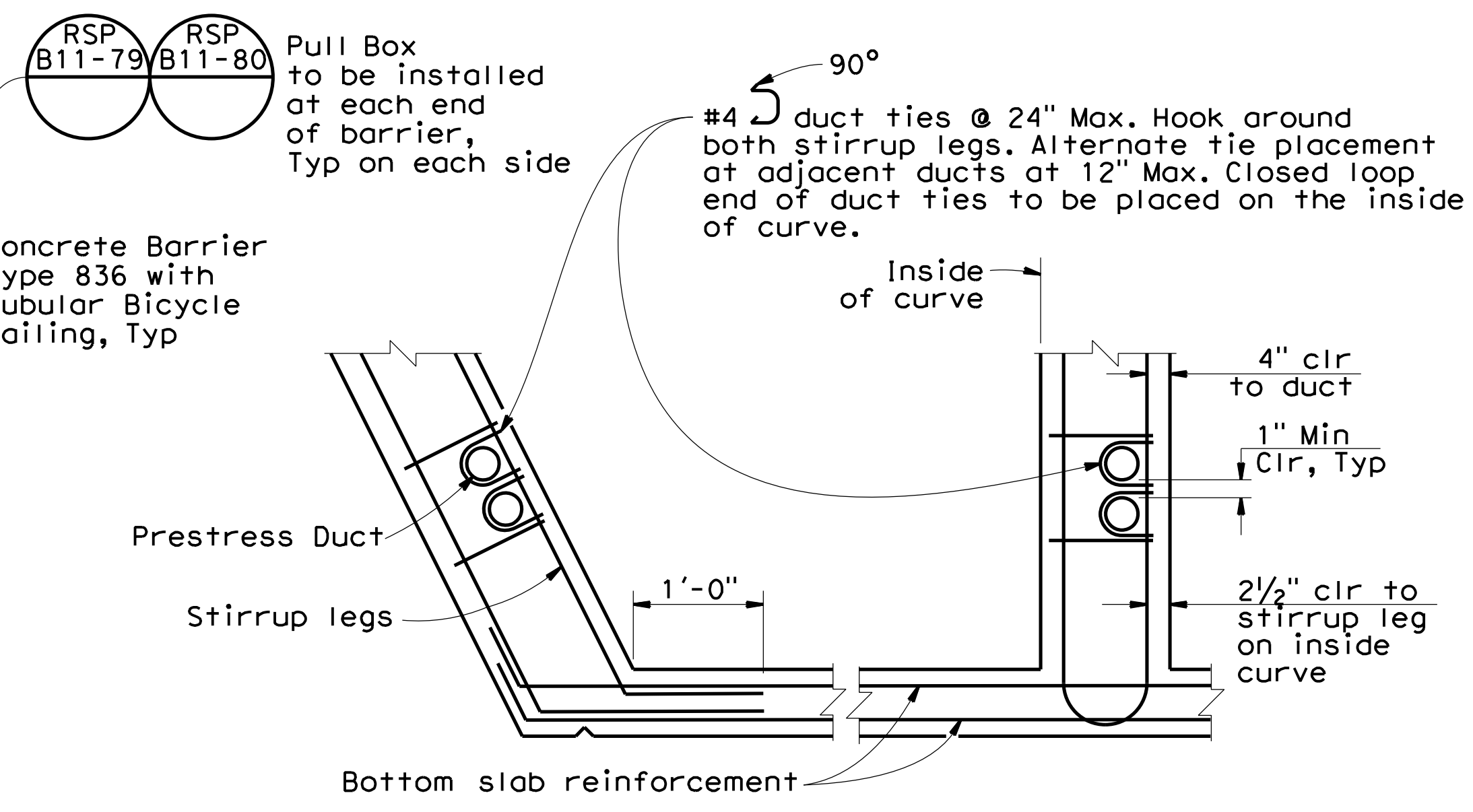
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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100  
 RANCHO CORDOVA, CA 95670  
 P: 916.368.9181

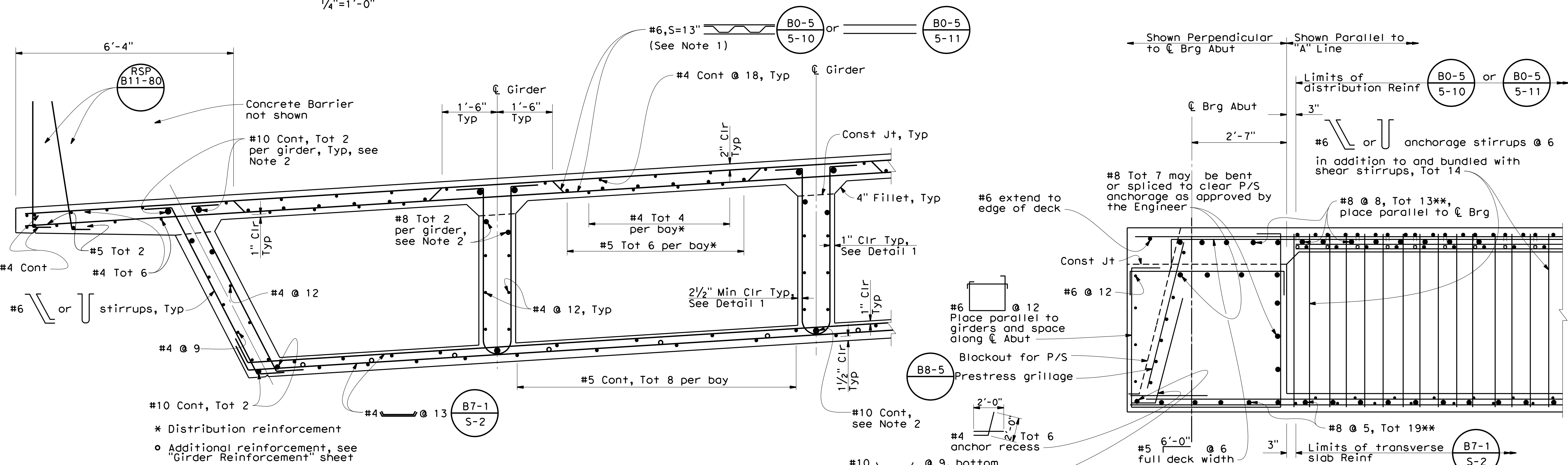
- Notes:
- Place transverse top and bottom slab reinforcement radial to and spaced along "A" Line.
  - No "lap Splice" allowed. "Service" splices only.
  - For location of deck drains, see "General Plan" sheet.



**TYPICAL SECTION**  
 1/4"=1'-0"



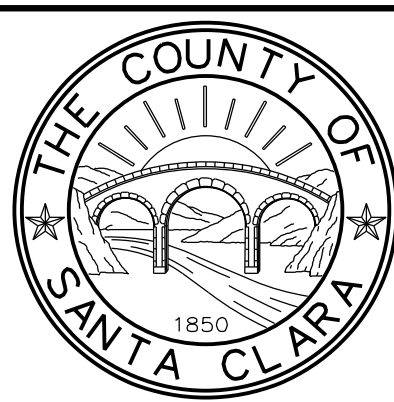
**DETAIL 1**  
 No Scale



**PARTIAL TYPICAL SECTION**  
 3/4"=1'-0"

**END DIAPHRAGM**  
 3/4"=1'-0"

NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



<b>COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT</b>	
DESIGNED: D. Mossman DATE: 10/2012	SUBMITTED:
DRAWN: R. Romeriz DATE: 10/2012	REVIEWED:
CHECKED: S. Salvador DATE: 10/2012	APPROVED: Solomon Tegegne REGISTERED PROFESSIONAL ENGINEER No. 76913 Exp. 12/31/24 CIVIL

<b>UVAS ROAD OVER UVAS CREEK</b> <b>UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD</b>		DRAWING No. <b>S-9</b>
<b>TYPICAL SECTION</b>		SHT No. 35 OF 39
PCA: C4328	ADVERTISEMENT DATE:	CONTRACT No.
FILE No.		Scale: AS SHOWN



DATE PLOTTED => 10:42:37 AM  
DATE PLOTTED => 1/17/2023  
FILE => S:\Client\Santa Clara County - S05\S05-100 Uvas Road\CAD\br\idga\S05100a-1-g\_1001.dgn

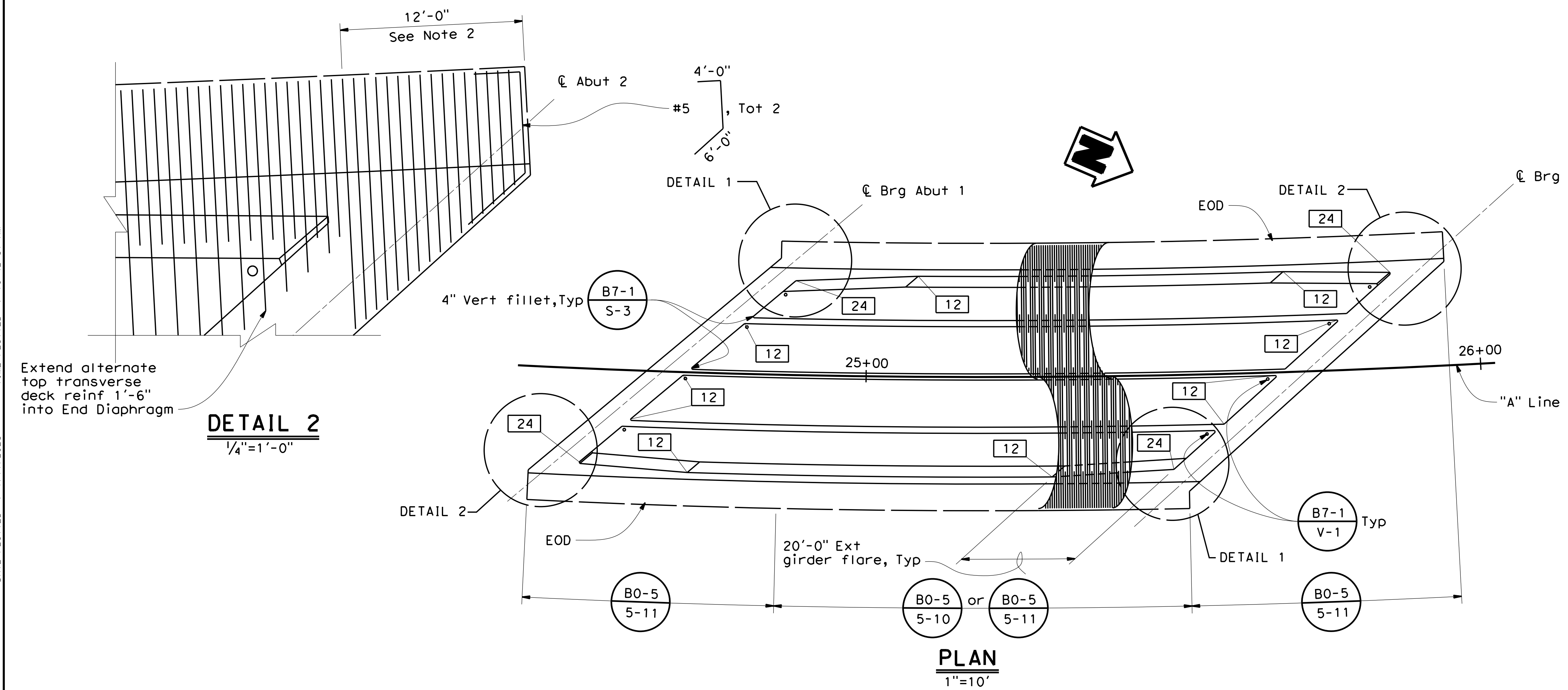
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		36	39

**Scott McCauley** 11-30-22  
 REGISTERED CIVIL ENGINEER DATE  
**December 20, 2022**  
 PLANS APPROVAL DATE

THE COUNTY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**QUINCY ENGINEERING** 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670 P: 916.368.9181

REGISTERED PROFESSIONAL ENGINEER  
**Scott McCauley**  
 No. 71495  
 Exp. 12/31/23  
 CIVIL  
 STATE OF CALIFORNIA



**PRESTRESSING NOTES**

270 KSI Low Relaxation Strand:

$P_{jack}$  = 8,100 kips

Anchor Set = 3/8 in

Total Number of Girders = 5

Distribution of prestress force ( $P_{jack}$ ) between girders shall not exceed the ratio of 10:9. Maximum final force variation between

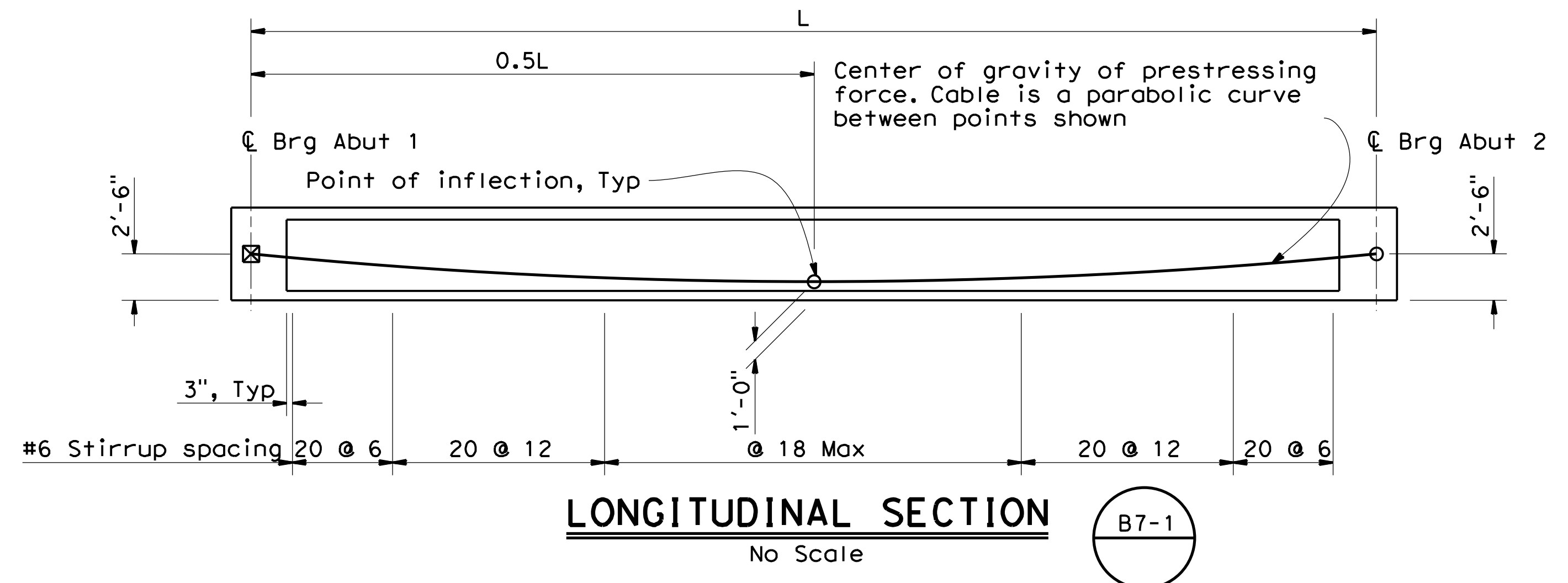
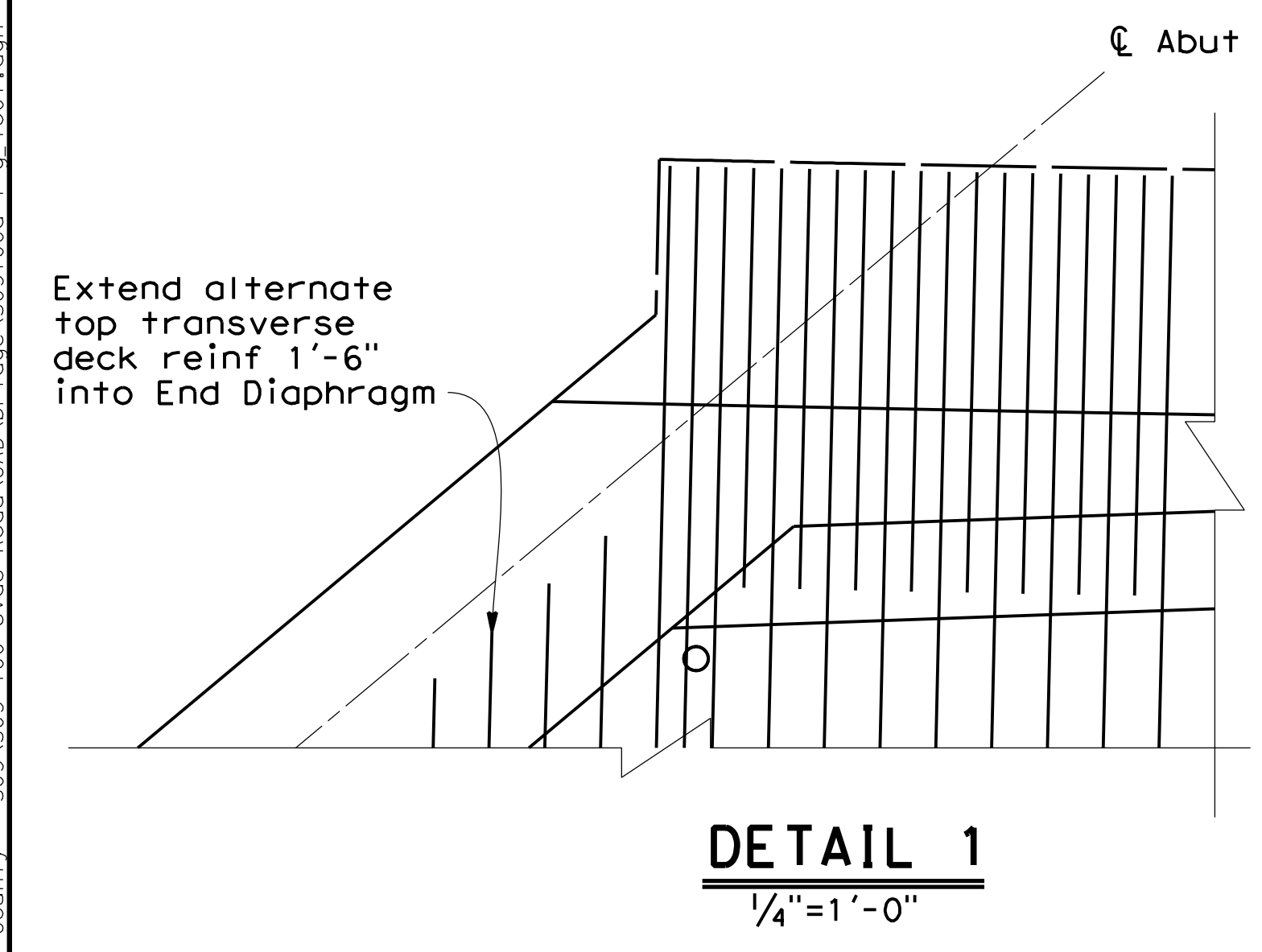
Concrete:  $f'_c$  = 4,000 psi @ 28 days  
 $f'_ci$  = 3,500 psi @ time of stressing

Contractor shall submit elongation calculations based on initial stress at

$\mu$  = 0.958 times jacking stress.

$\mu = 0.15$   $k = 0.0002/ft$

One end jacking shall be performed from either end.

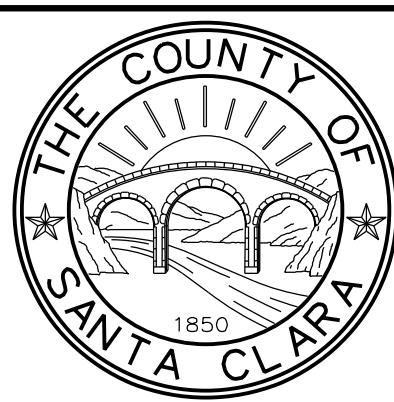


**Notes:**

☐ Indicates girder stem width in inches

- For additional top and bottom slab reinforcement, see "Typical Section" sheet.
- Extend all transverse deck Reinf through end diaphragms to the edge of decks at deck corners.

NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



**COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT**

DESIGNED: <b>D. Mossman</b> DATE: 10/2012	REVIEWED: <b>Rocelia Kmak</b> DATE: 1/18/2023	APPROVED: <b>Solomon Tegegne</b> DATE: 1/18/2023
DRAWN: <b>S. Salvador</b> DATE: 10/2012	DocuSigned by: <b>Barni Roncal</b> DATE: 1/18/2023	DocuSigned by: <b>Solomon Tegegne</b> DATE: 1/18/2023

BARNI RONCAL ASSISTANT CIVIL ENGINEER  
 ROCELIA KMAK PRINCIPAL CIVIL ENGINEER  
 SOLOMON TELEGNE SENIOR CIVIL ENGINEER

**UVAS ROAD OVER UVAS CREEK**  
**UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD**

**GIRDER LAYOUT**

DRAWING No. **S-10**  
 SHT No. **36** OF **39**  
 Scale **AS SHOWN**

PCA **C4328** ADVERTISEMENT DATE: CONTRACT No. FILE No.



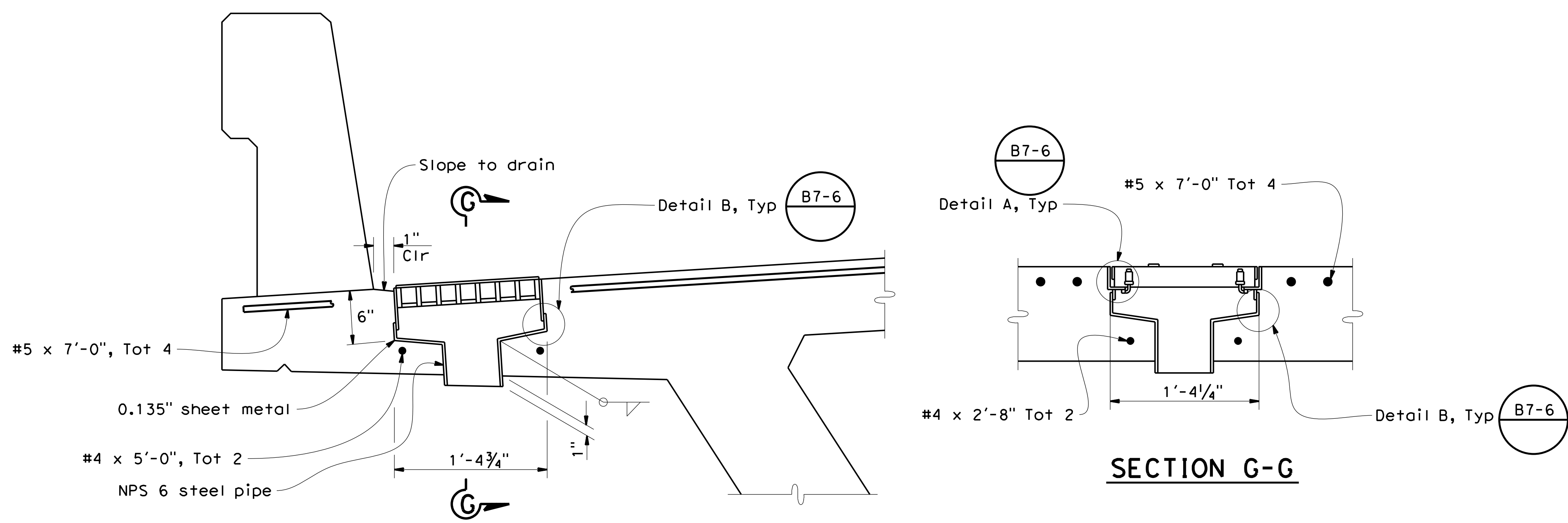
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		37	39

REGISTERED CIVIL ENGINEER DATE 11-30-22  
**December 20, 2022**  
 PLANS APPROVAL DATE

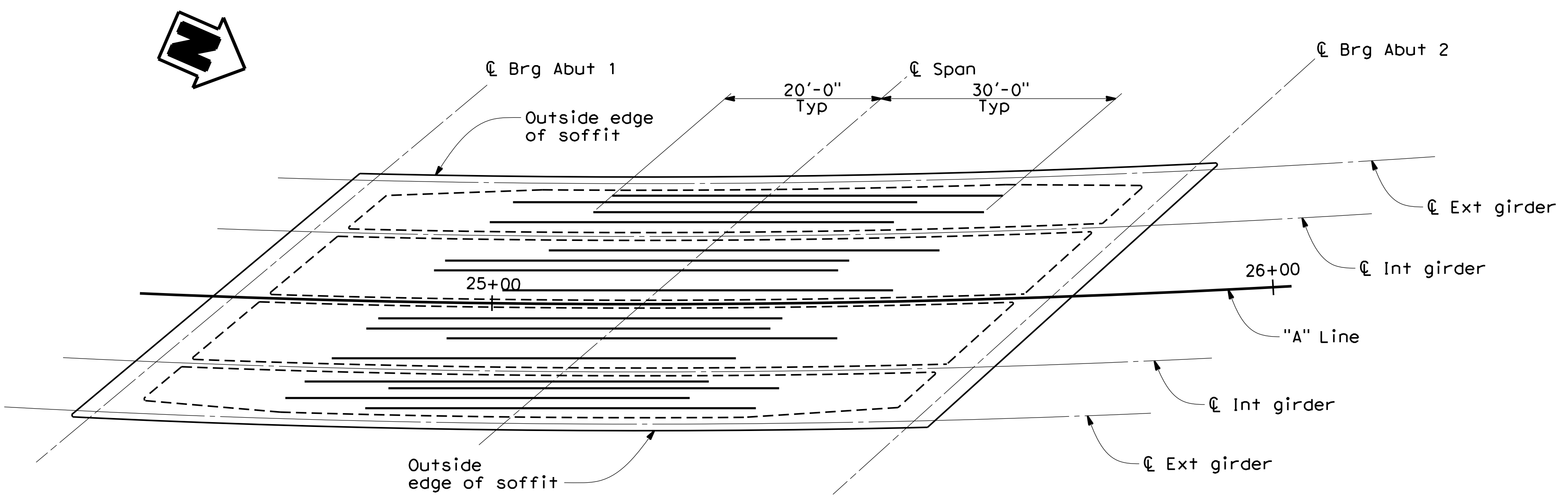
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**QUINCY ENGINEERING**  
 11017 COBBLEROCK DRIVE, SUITE 100, RANCHO CORDOVA, CA 95670, P: 916.368.9181



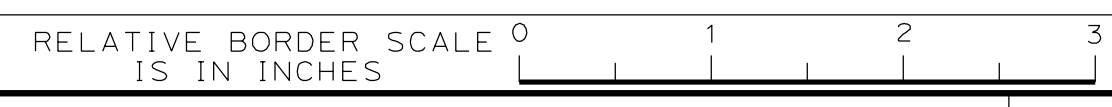
**DECK DRAIN TYPE D-2 (MODIFIED)**  
No Scale

- Notes:
- For additional top and bottom slab reinforcement, see "Typical Section" sheet.
  - For details not shown see **B7-6**.
  - For location of deck drains see "General Plan" sheet.



Note: All Reinf #11 x 50'-0" Total 4 per bay, no splices allowed.

**BOTTOM SLAB REINFORCEMENT**  
1"=10'



NO.	REVISIONS	BY	DATE	APP'D
05	Revised 95% Submittal	SM	8/20	CD
04	95% Submittal	DM	3/18	MO
03	Rev 2 65% Submittal	RR	3/17	MO
02	Rev 65% Submittal	RR	8/14	MO
01	65% Submittal	RR	10/12	MO



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT

DESIGNED: D. Mossman 10/2012	DATE: 10/2012	SUBMITTED:	REVIEWED: Rocelia Kmak 1/18/2023	APPROVED: Solomon Tegegne 1/18/2023
DRAWN: S. Salvador 10/2012	DATE: 10/2012	DocuSigned by: Barni Roncal 77061EF45E4843E	DocuSigned by: Rocelia Kmak B51EF92B38F54B9	DocuSigned by: Solomon Tegegne BE589C3D12854E2
CHECKED:	DATE:	BARNI RONCAL ASSISTANT CIVIL ENGINEER	ROCELIA KMAK PRINCIPAL CIVIL ENGINEER	SOLOMON TELEGNE SENIOR CIVIL ENGINEER

UVAS ROAD OVER UVAS CREEK  
UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD

**GIRDER REINFORCEMENT**

PCA C4328 ADVERTISEMENT DATE: CONTRACT No. FILE No. Scale AS SHOWN

DRAWNG No. S-11

SHT No. 37 OF 39

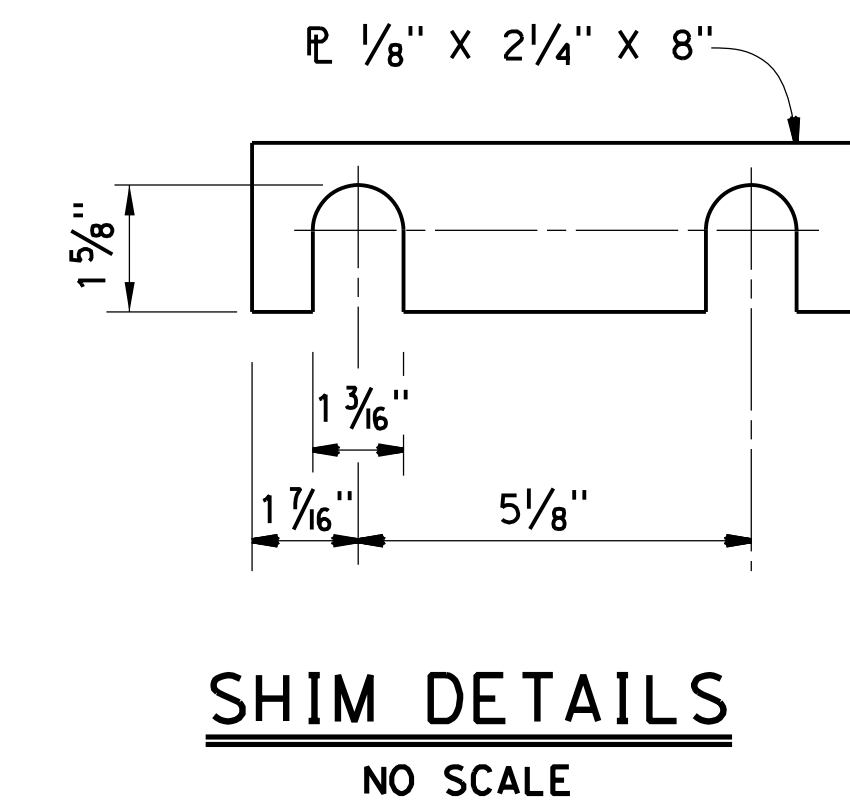
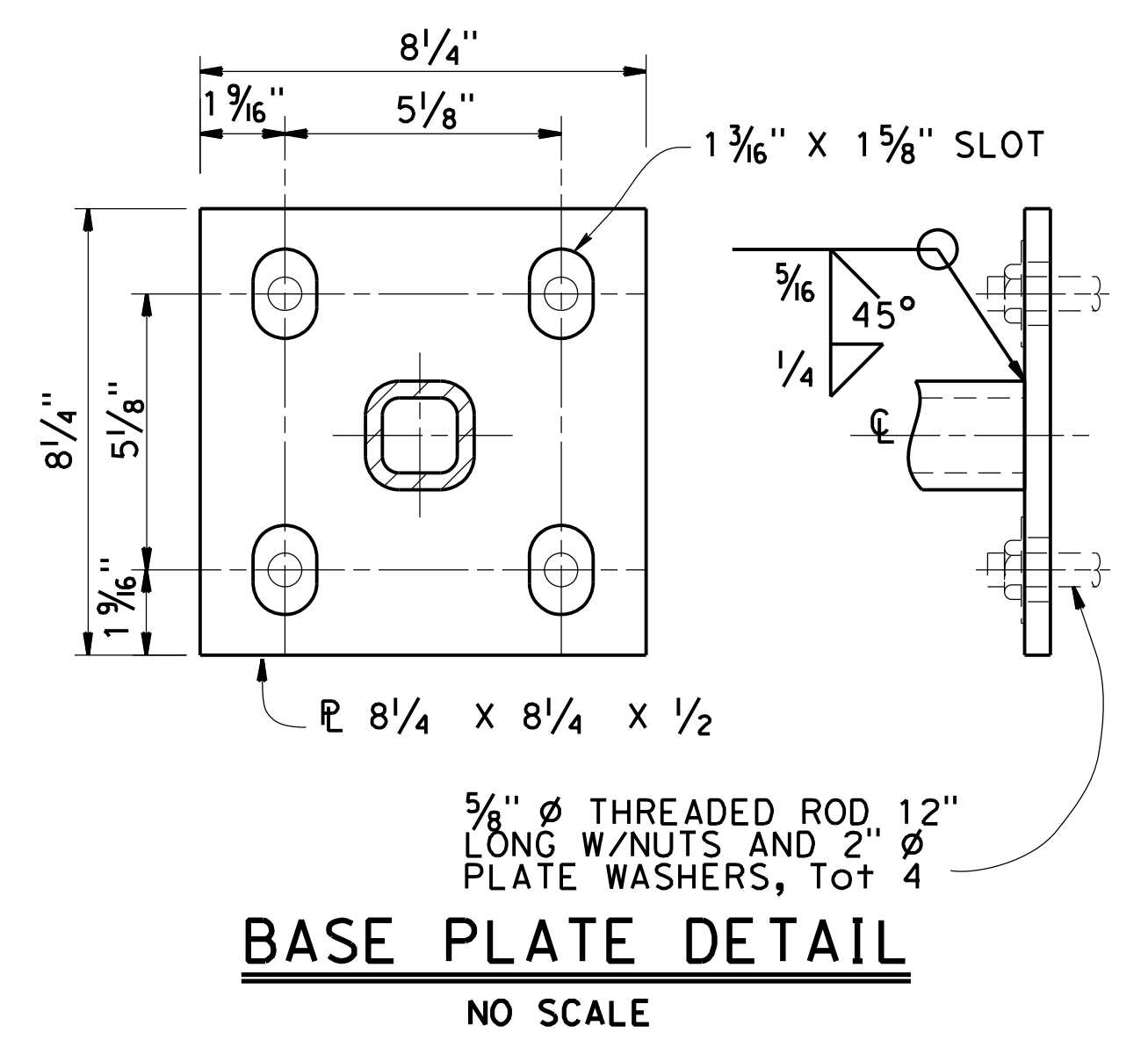
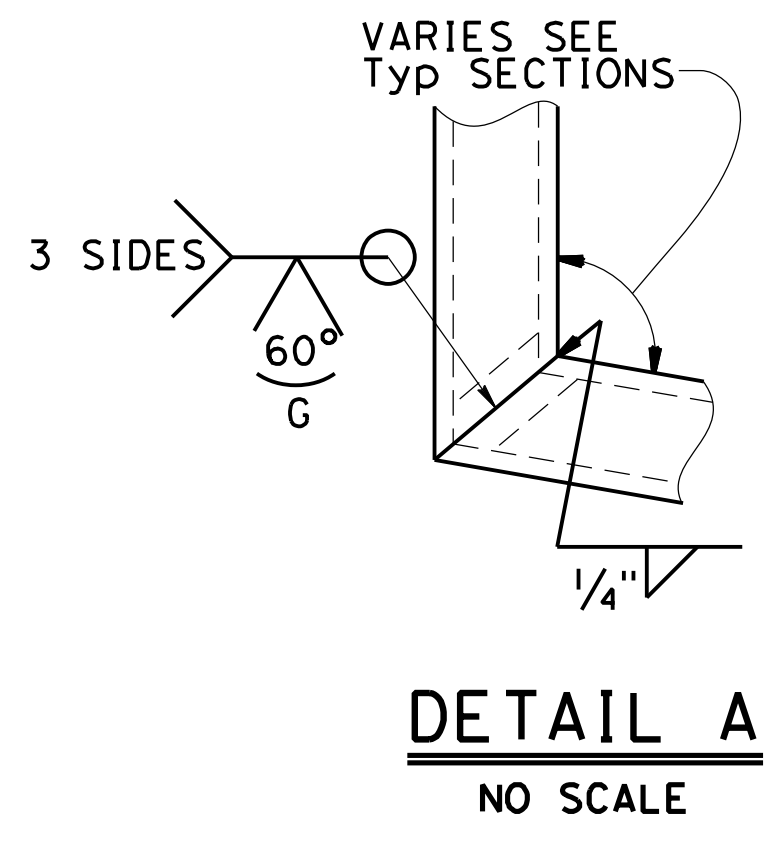
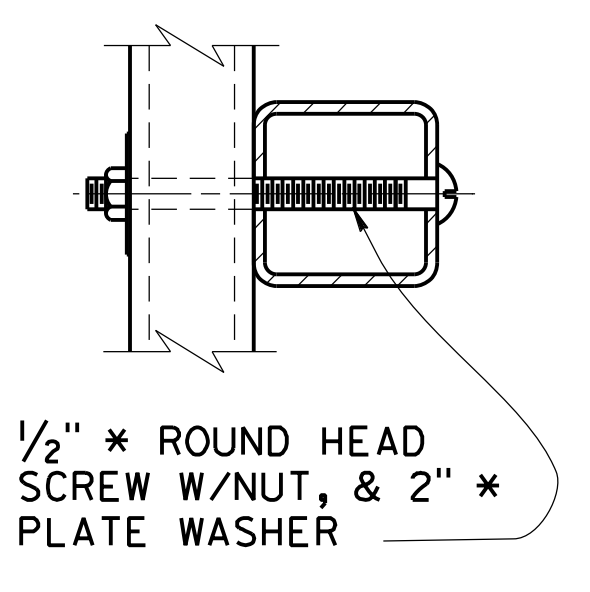
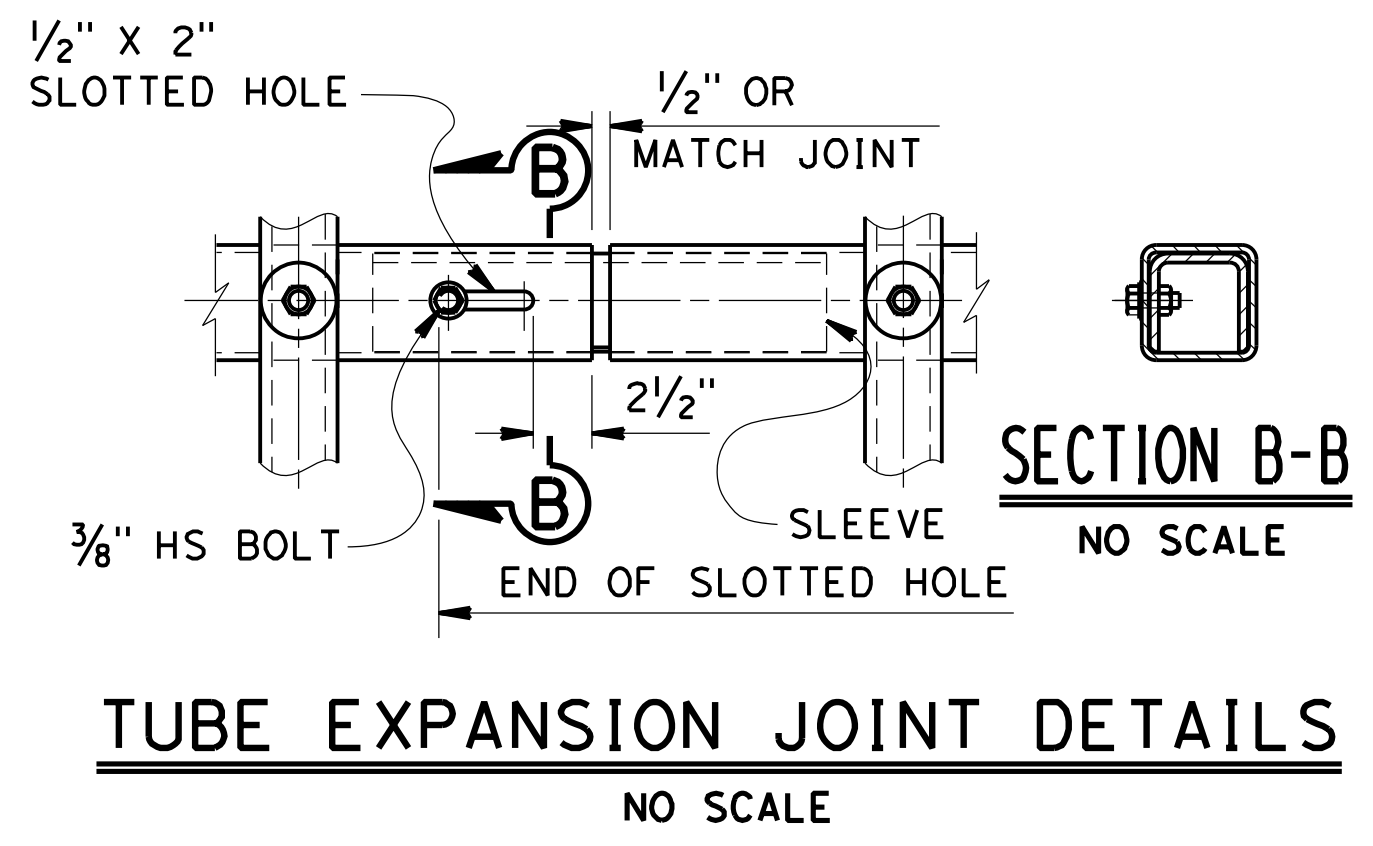
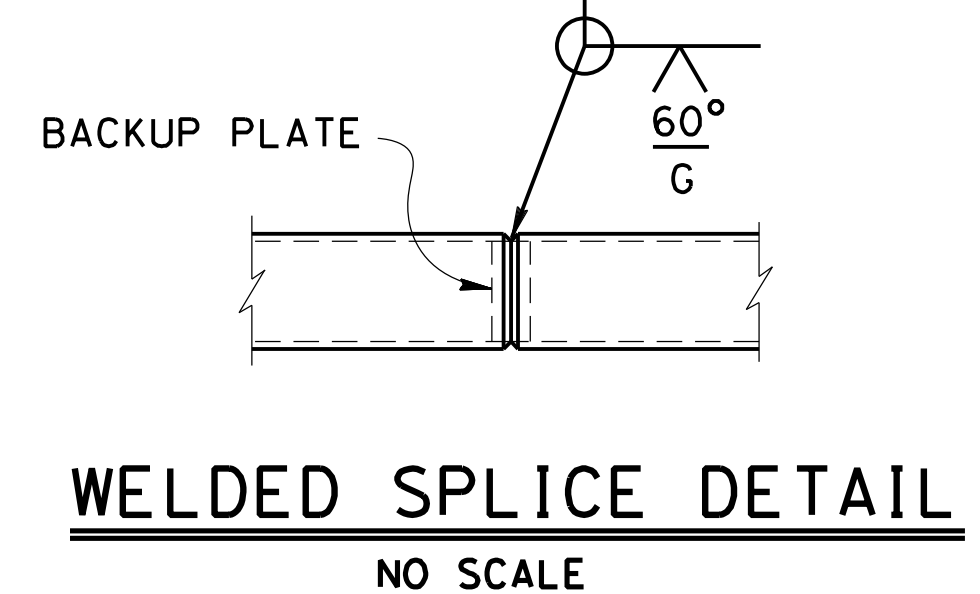
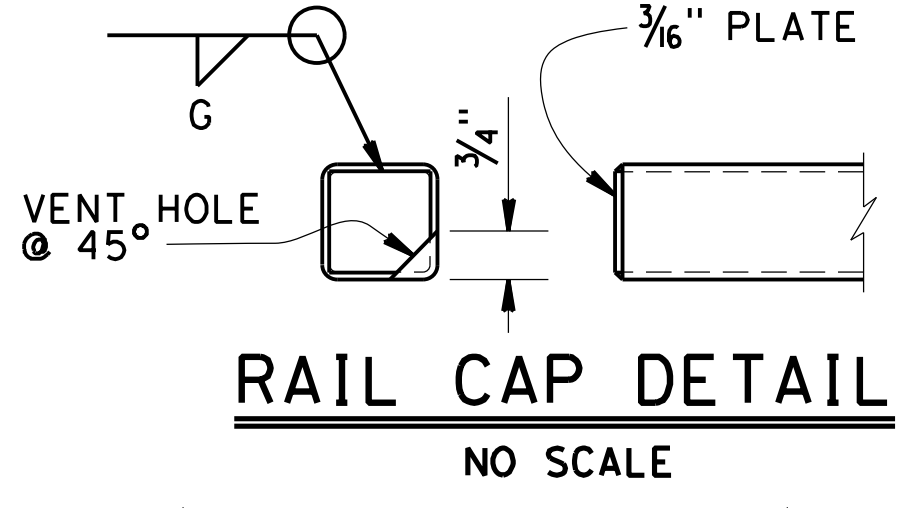
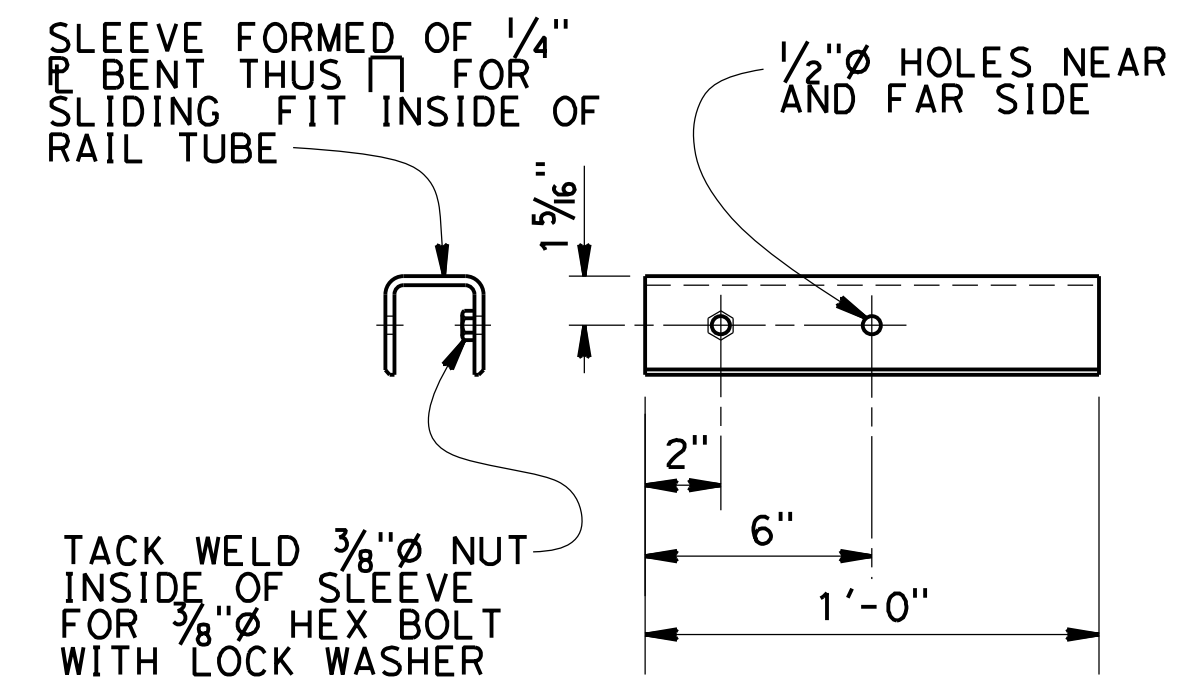
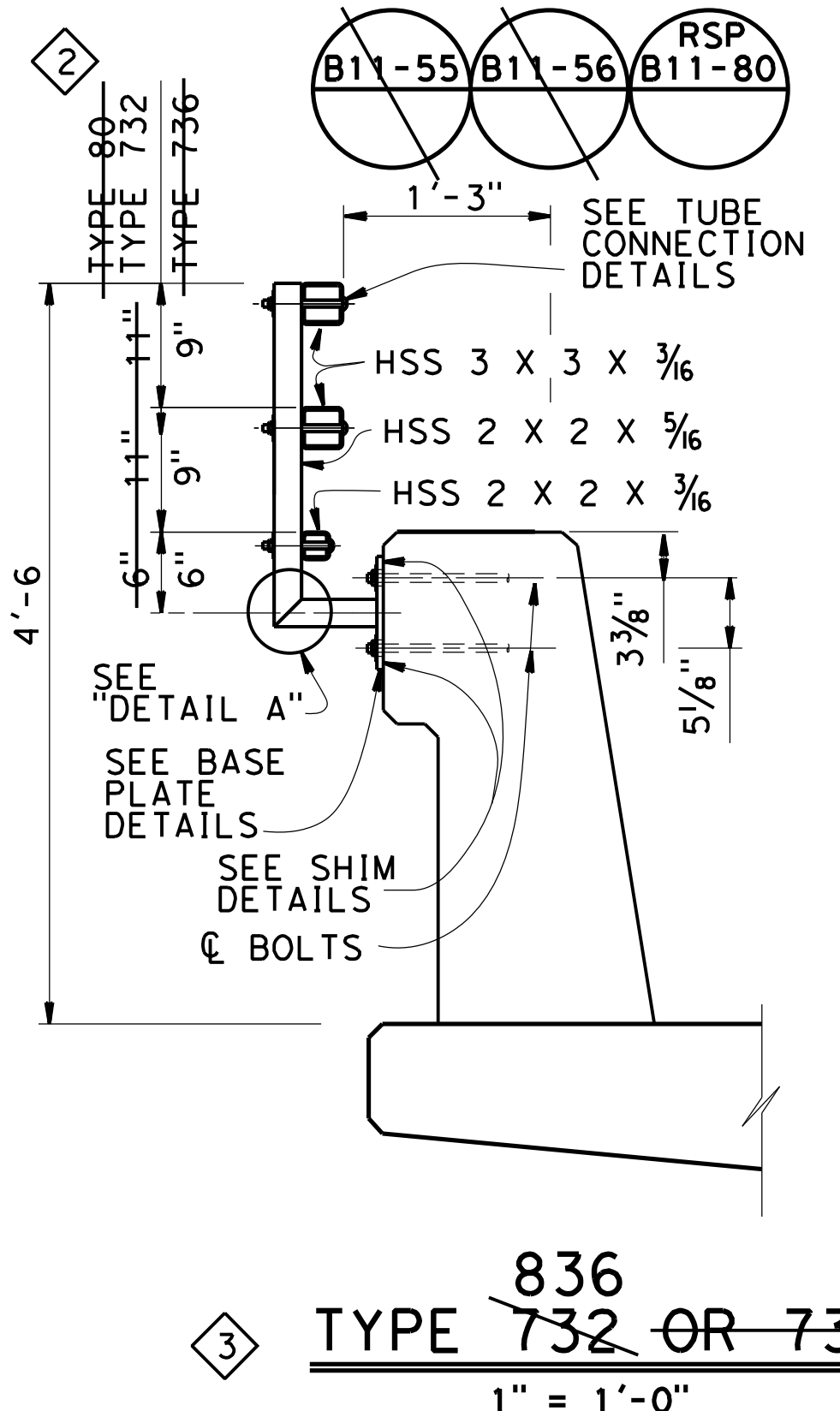
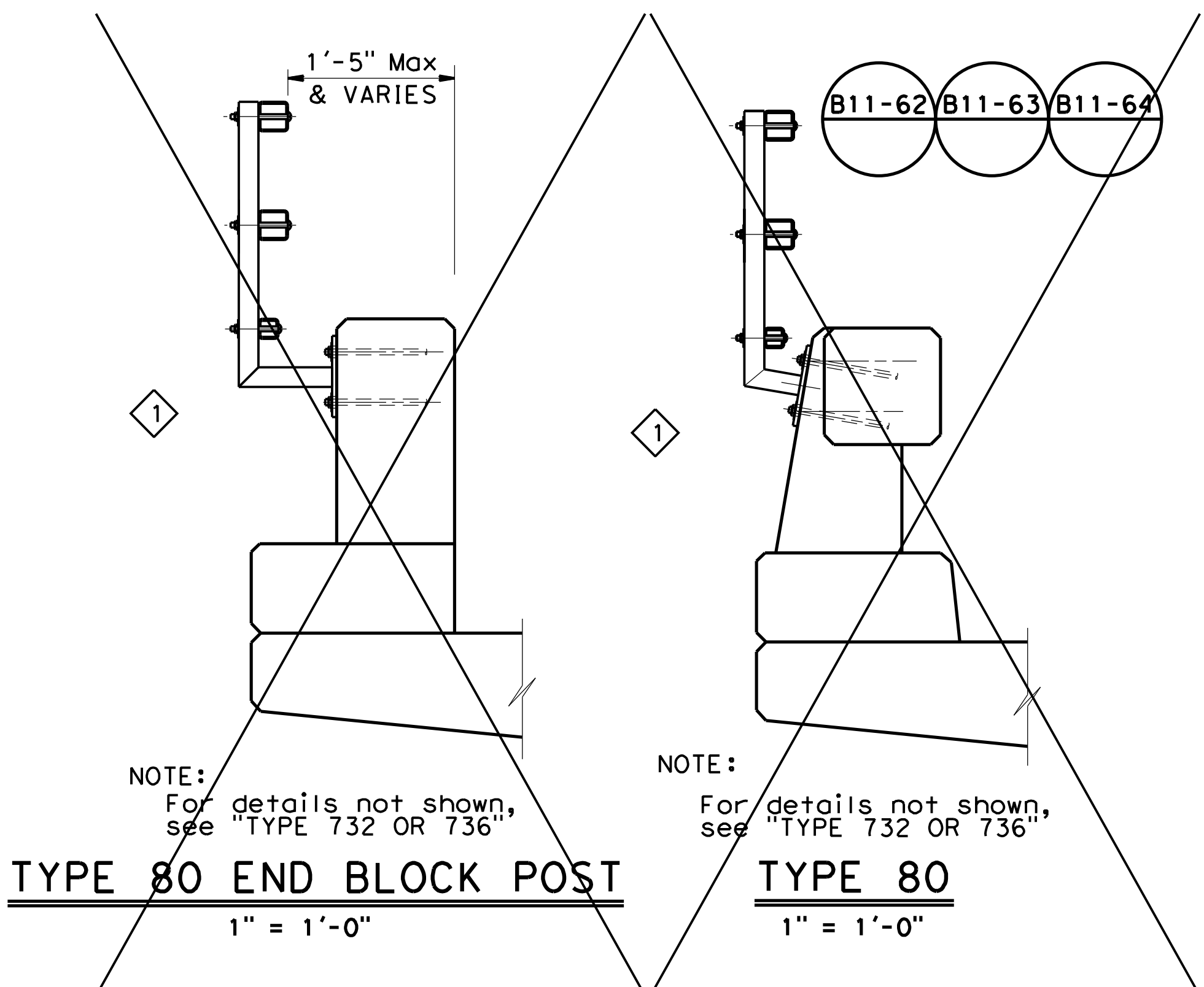
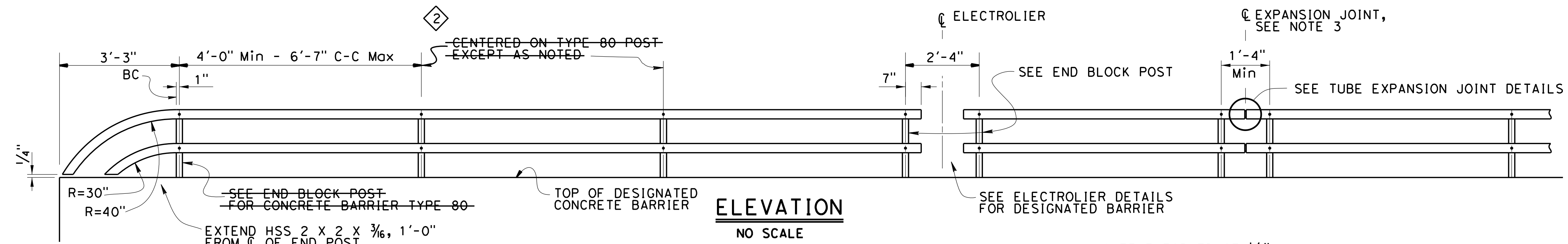


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		38	39

**December 20, 2022**  
 PLANS APPROVAL DATE

REGISTERED CIVIL ENGINEER  
 Scott McCauley  
 No. 71495  
 Exp. 12/31/23  
 CIVIL  
 STATE OF CALIFORNIA

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 The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.



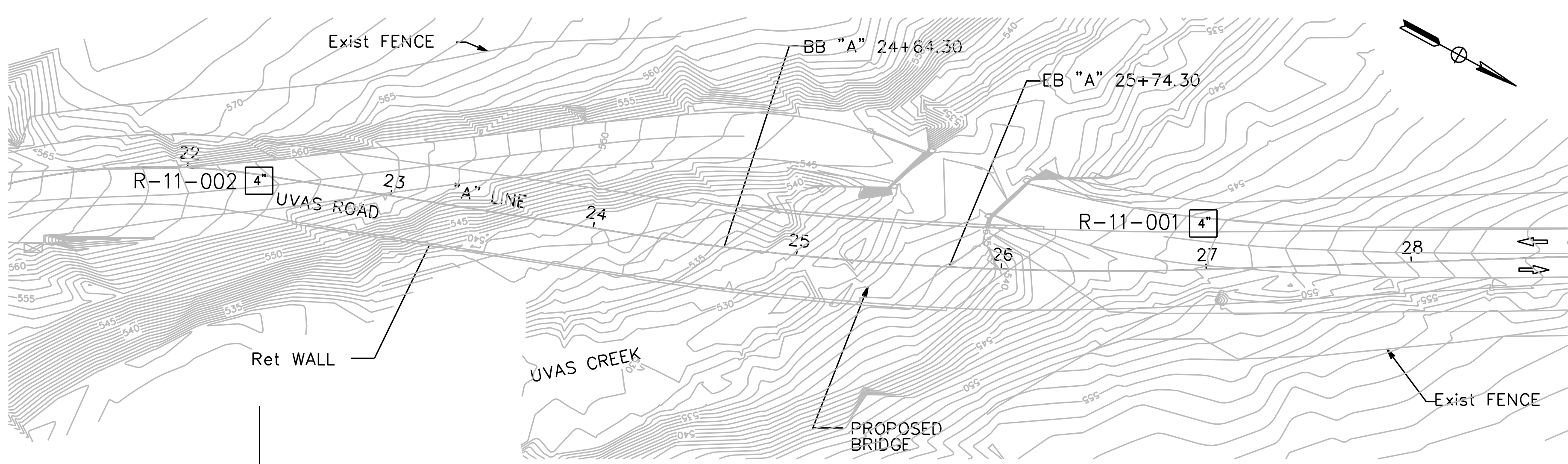
- NOTES:**
1. Post must be normal to railing.
  2. Rail tubes must be shop bent or fabricated to fit horizontal curve when radius is less than 950'.
  3. Tube expansion joints must be located in the tubes spanning deck or wall joints. Increase joint width in tubes to match expansion joint width and increase sleeve length correspondingly.
  4. Top rail tube must be continuous over not less than two posts except a short post spacing is permitted near deck or wall joints, electroliers, or other rail discontinuities as noted.
  5. See Project Plans for limits of tubular bicycle railing.

<b>BRIDGE STANDARD DETAILS</b>		1 Does not apply 2 Revised Note 3 Replaced Barrier	<b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	<b>DIVISION OF ENGINEERING SERVICES</b>	BRIDGE NO.	UVAS ROAD OVER UVAS CREEK
xs16-035 FILE NO.	October 2014 APPROVAL DATE				The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California.	POST MILE
Refer to: <a href="https://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html">https://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html</a>					<b>TUBULAR BICYCLE RAILING DETAILS</b>	
FILE => S:\Client\Santa Clara County - 505\505-100 Uvas Road\CAD\bridge\505100a-u-misc01.dgn USERNAME => Andrew.Mitchell TIME PLOTTED => 10:42:39 AM DATE PLOTTED => 1/17/2023			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT: PROJECT NUMBER & PHASE: CONTRACT NO.:	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES SHEET 38 OF 39



Notes:  
 Standard Penetration Test Sampler: I.D. = 1.4"; O.D. = 2"  
 Modified California Sampler: I.D. = 2.5"; O.D. = 3"  
 Hammer Assembly: A 140 lb hammer with a 30" drop (Automatic Hammer)  
 This LOTB sheet was prepared in accordance with the Caltrans Soil & Rock, Logging, Classification, and Presentation Manual (2010)  
 All dimensions are in feet unless otherwise shown

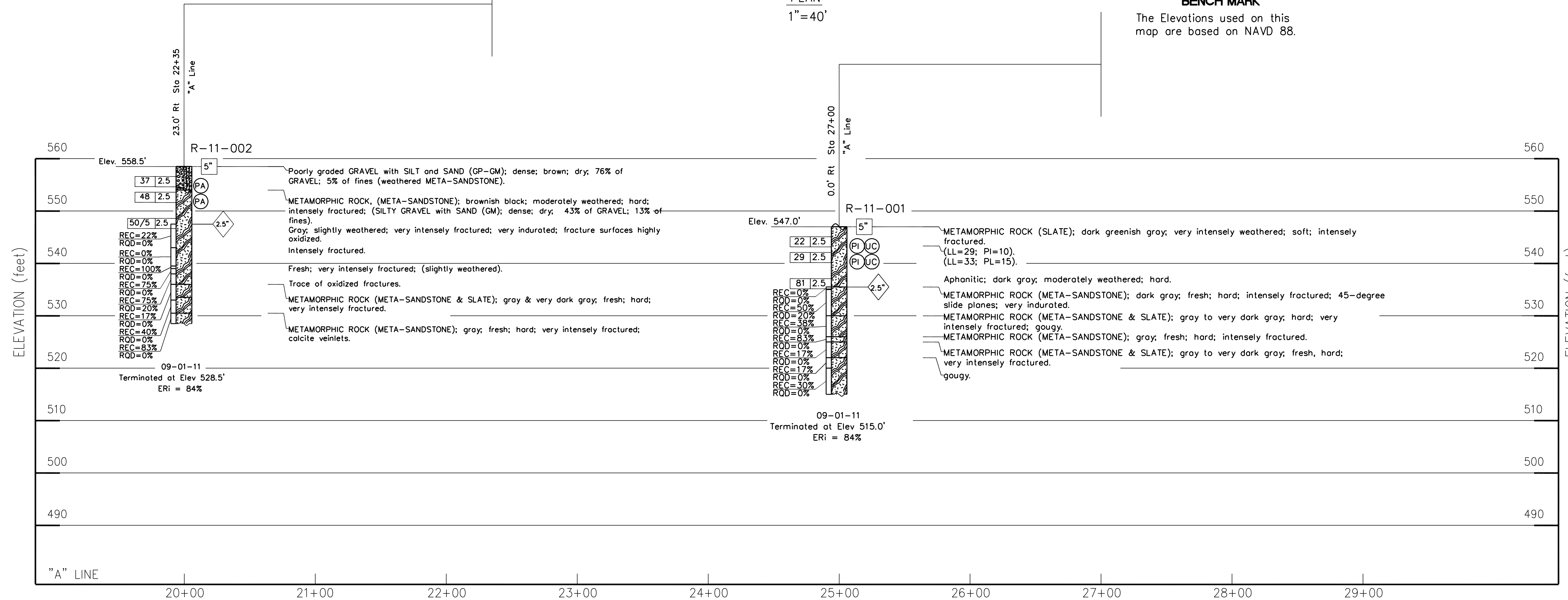
Analysis and interpretation of subsurface data was performed and interpreted for design and estimation purposes. Presentation of the information in the Contract is intended to provide the Contractor access to the same data available to the County. The subsurface information reflects the subsurface conditions at the boring locations at the time of drilling; variations in the subsurface conditions at locations other than the boring locations should be anticipated during construction. Presentation of this information is not intended as a substitution for personal investigation, independent analysis or judgment by the Contractor during bidding and construction.



PLAN  
1" = 40'

BENCH MARK

The Elevations used on this map are based on NAVD 88.



PROFILE

Vert. : 1" = 10'  
 Hor. : 1" = 40'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	C.R.		39	39

*Gary Land*  
 REGISTERED CIVIL ENGINEER DATE 9/21/22  
 PROFESSIONAL ENGINEER  
 GARY PARIKH  
 No. G.E. 666  
 Exp 12/31/23  
 GEOTECHNICAL  
 STATE OF CALIFORNIA

PLANS APPROVAL DATE

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PARIKH CONSULTANTS, INC.  
 1497 NORTH MILPITAS BOULEVARD,  
 MILPITAS, CA 95035

TIME PLOTTED => \$TIME

DATE PLOTTED => \$DATE

FILE => \$REQUEST

RELATIVE BORDER SCALE IS IN INCHES				
05	100% SUBMITTAL	KP	8/21	CD
04	95% SUBMITTAL REVISED	KP	9/20	CD
03	95% SUBMITTAL	KP	3/18	CD
02	REV 65% SUBMITTAL	KP	8/14	CD
01	65% SUBMITTAL	KP	10/12	CD
NO.	REVISIONS	BY	DATE	APP'D



COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT		
DESIGNED D. Mossman DATE 10/2012	SUBMITTED:	REVIEWED:
DRAWN R. Rameriz DATE 10/2012		APPROVED:
CHECKED S. Salvador DATE 10/2012	BARNI RONCAL ASSISTANT CIVIL ENGINEER	SOLOMON TECEGNE SENIOR CIVIL ENGINEER

UVAS ROAD OVER UVAS CREEK UVAS CREEK BRIDGE #37C0094 REPLACEMENT AT UVAS RD		DRAWING No. S-13
LOG OF TEST BORINGS		SHT No. 39 OF 39
PCA	C4328	Scale AS SHOWN