Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	1	79

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

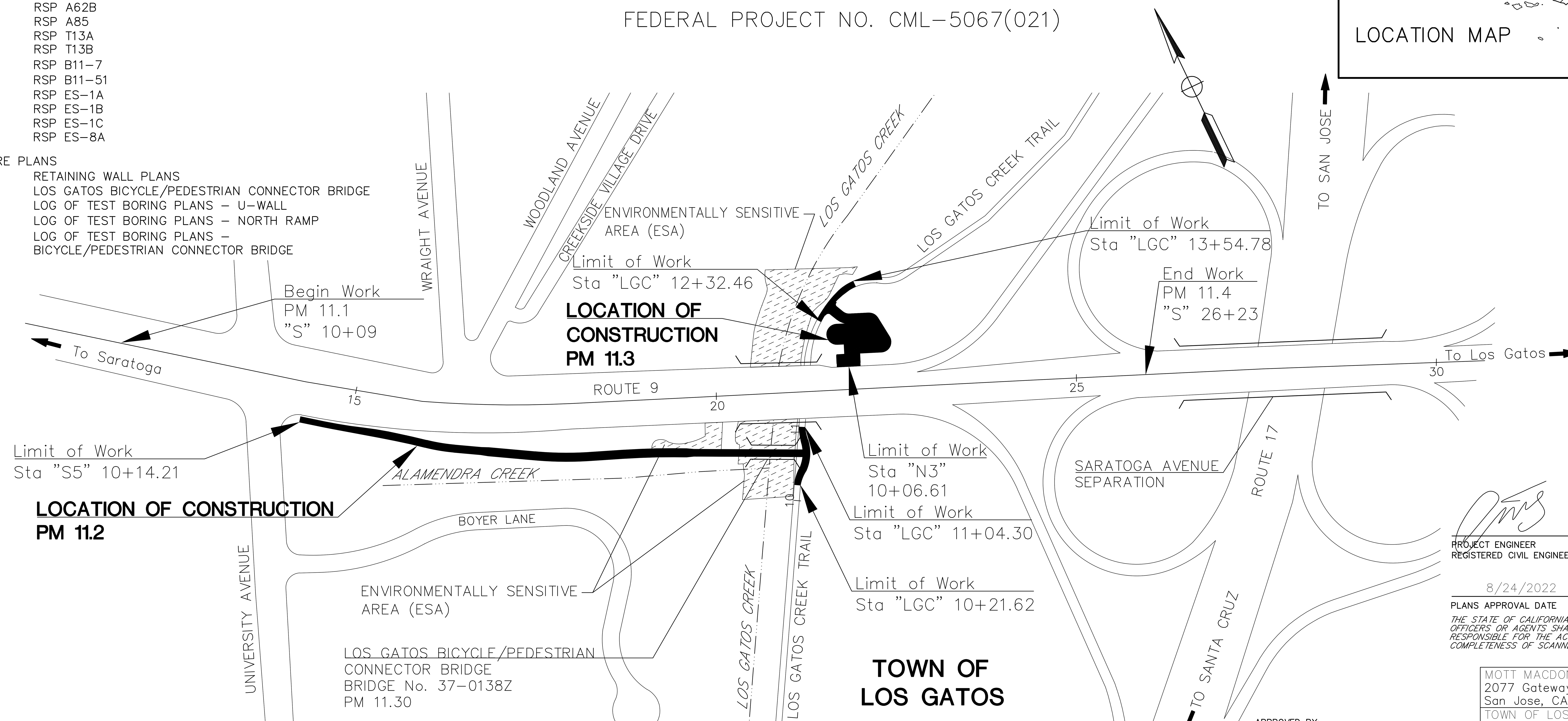
IN SANTA CLARA COUNTY IN THE TOWN OF LOS GATOS FROM UNIVERSITY AVENUE TO 0.1 MILE WEST OF ROUTE 17

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2018

"LOS GATOS TRAIL TO HIGHWAY 9 TRAILHEAD CONNECTOR PROJECT"
TOWN OF LOS GATOS CIP PROJECT NO. 18-832-4505

FEDERAL PROJECT NO. CML-5067(021)

INDEX OF PLANS



NO SCALE

PROJECT ENGINEER 6/23/2022 DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

8/24/2022
PLANS APPROVAL DATE

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

APPROVED BY:

NICOLLE BURNHAM
PARKS AND PUBLIC WORKS DIRECTOR

MOTT MACDONALD
2077 Gateway Place, Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

CONTRACT No. 04-0W010
PROJECT ID 04200001581

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO CONTRACTORS."

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

DATE SIGNED

LICENSE Exp DATE 6/30/2024

REGISTRATION No. 72584

CALTRANS DESIGN OVERSIGHT APPROVAL SON LY

CONSULTANT DESIGN ENGINEER TEFERI ABERE

DATE PLOTTED => Dec 01, 2022, 2:07pm
TIME PLOTTED =>

LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	2	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
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TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

TOWN OF LOS GATOS STANDARD NOTES

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE THESE PLANS, THE PROJECT SPECIAL PROVISIONS, AND THE 2018 CALTRANS STANDARD PLANS AND SPECIFICATION.

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES. THE CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-227-2600 A MINIMUM OF FORTY-EIGHT (48) HOURS BUT NOT MORE THAN FOURTEEN (14) DAYS PRIOR TO COMMENCING ALL WORK.

3. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, CODES, RULES AND REGULATIONS GOVERNING THE WORK IDENTIFIED ON THESE PLANS. THESE SHALL INCLUDE, WITHOUT LIMITATION, SAFETY AND HEALTH RULES AND REGULATIONS ESTABLISHED BY OR PURSUANT TO THE OCCUPATIONAL SAFETY AND HEALTH ACT OR ANY OTHER APPLICABLE PUBLIC AUTHORITY.

4. THE GENERAL CONTRACTOR SHALL PROVIDE QUALIFIED SUPERVISION ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.

5. THE CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING TREES, SURFACE IMPROVEMENTS, DRAINAGE, WATER, SEWER, ELECTRICAL, OR TELECOMMUNICATION FACILITIES WHETHER ABOVE GROUND OR UNDERGROUND. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERETO.

6. THE CONTRACTOR SHALL COORDINATE ALL UTILITY INFORMATION SHOWN ON THE PLANS WITH UTILITY OWNERS FOR LAYOUT AND DETAILS OF INSTALLATION, RELOCATION, ADJUSTMENT, AND ABANDONMENT.

7. LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWS ARE BASED ON FIELD SURVEY AND/OR AVAILABLE UTILITY AS-BUILTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF WORK.

8. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SERVICE LATERALS FROM DAMAGE DUE TO THE CONTRACTOR'S OPERATIONS. ANY AND ALL UTILITY SERVICES THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE UTILITY OWNER. THE CONTRACTOR SHALL CONTACT UTILITY COMPANIES TO RELOCATE UTILITIES IF NECESSARY TO COMPLETE THE PROJECT AT NO ADDITIONAL COST TO THE TOWN.

9. HORIZONTAL AND VERTICAL CONTROLS SHALL BE SET AND CERTIFIED BY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER QUALIFIED TO PRACTICE LAND SURVEYING.

10. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION FENCING, BARRICADES, LIGHTS, FLAGGERS, AND SIGNS THAT ARE NECESSARY TO GIVE ADEQUATE WARNING AND PROTECTION TO THE PUBLIC AT ALL TIMES.

11. SURVEY MONUMENT PRESERVATION AND RESTORATION: ALL MONUMENTS, LOT CORNER PIPES, AND OTHER PERMANENT MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED AND A RECORD OF SURVEY OR CORNER RECORD PER SECTION 8771 OF THE PROFESSIONAL LAND SURVEYOR'S ACT FILED BEFORE ACCEPTANCE OF THE IMPROVEMENTS BY THE TOWN. COPIES OF ANY RECORD OF SURVEY OR CORNER RECORDS SHALL BE SUBMITTED TO THE TOWN.

12. THE CONTRACTOR SHALL KEEP UP-TO-DATE A COMPLETE RECORD OF PRINTS OF THE CONTRACT DRAWINGS SHOWING EVERY CHANGE FROM THE ORIGINAL DRAWINGS MADE DURING THE COURSE OF CONSTRUCTION, INCLUDING EXACT LOCATIONS, SIZES, MATERIALS, AND EQUIPMENT. A COMPLETE SET OF CORRECTED AND COMPLETED RECORD DRAWINGS (AS-BUILTS) SHALL BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO FINAL ACCEPTANCE.

13. THE CONTRACTOR SHALL CUT AND CAP ABANDONED OR RETIRED UTILITIES AS SHOWN OR SPECIFIED ON THE PLANS PER CALTRANS STANDARDS.

14. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESSIBLE PEDESTRIAN ACCESS AND SAFETY AT ALL TIMES.

15. GOOD HOUSEKEEPING PRACTICES SHALL BE OBSERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. SUPERINTENDENCE OF CONSTRUCTION SHALL BE DILIGENTLY PERFORMED BY A PERSON OR PERSONS AUTHORIZED TO DO SO AT ALL TIMES DURING WORKING HOURS. THE STORING OF GOODS AND/OR MATERIALS IN THE TOWN RIGHT-OF-WAY WILL NOT BE ALLOWED UNLESS APPROVED BY THE TOWN.

16. ALL WORK SHALL BE PERFORMED TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICLES UNDER THE CURRENT REGULATION 6 RULE 1: GENERAL REQUIREMENTS FOUND AT WWW.BAAQMD.GOV.

17. THE CONTRACTOR SHALL OBTAIN PRE-AUTHORIZATION FROM THE RESIDENT ENGINEER PRIOR TO ANY TRIMMING OF EXISTING VEGETATION NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.

18. NO GRADING OPERATIONS SHALL BE CONDUCTED DURING THE RAINY SEASON (OCT 15 – APRIL 15) EXCEPT UPON CLEAR DEMONSTRATION, TO THE TOWN ENGINEER, THAT AT NO STAGE OF THE WORK WILL THERE BE ANY SUBSTANTIAL RISK OF INCREASED SEDIMENT DISCHARGE FROM THE SITE. SHOULD GRADING WORK BE ALLOWED DURING THE RAINY SEASON, THE SMALLEST PRACTICABLE AREA OF ERODABLE LAND SHALL BE EXPOSED AT ANY ONE TIME DURING GRADING OPERATIONS AND AT THE TIME OF EXPOSURE SHALL BE MINIMIZED. A PLAN AND DESCRIPTION OF MEASURES THAT WILL BE TAKEN TO RETAIN SEDIMENT ON SITE AND A SCHEDULE FOR THEIR MAINTENANCE AND UPKEEP, A PLAN FOR SURFACE RUNOFF AND EROSION CONTROL MEASURES TO BE IMPLEMENTED AND A SCHEDULE FOR THEIR MAINTENANCE AND UPKEEP, AND A PLAN FOR INTERIM VEGETATION MEASURES, IF NEEDED, SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST.

19. TRUCK ROUTES- PER THE TOWN ORDINANCE SECTION 15.30.410, THE FOLLIWING STREETS AND HIGHWAYS OR PORTIONS THEREOF WITHIN THE TOWN LIMITS ARE DESIGNATED TRUCK ROUTES AND ARE AUTHORIZED FOR USE BY OPERATORS OF TRUCKS AND OTHER VEHICLES, WHICH EXCEED A MAXIMUM GROSS WEIGHT OF TEN THOUSAND (10,000) POUNDS:
    - HIGHWAY 17
    - HIGHWAY 85
    - LOS GATOS-SARATOGA ROAD (HIGHWAY 9)
    - LOS GATOS-ALMADEN ROAD
    - LOS GATOS BOULEVARD
    - BLOSSOM HILL ROAD
    - WINCHESTER BOULEVARD
    - LARK AVENUE

    OTHER TOWN STREETS ARE UNAUTHORIZED FOR TRUCK ROUTES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

20. WATER FOR CONSTRUCTION- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER AS REQUIRED FOR THE CONSTRUCTION AND POST-CONSTRUCTION ON THIS PROJECT, INCLUDING DUST CONTROL, AND SHALL BE CONSIDERED AS INCLUDED IN THE COST OF ITEMS BID FOR APPLICABLE ITEM OF WORK AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR. THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE WATER COMPANY FROM WHICH WATER IS PURCHASED. IN NO CASE SHALL THE CONTRACTOR VIOLATE THE TOWN'S WATER CONSERVATION ORDINANCE.

20. WATER FOR CONSTRUCTION- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER AS REQUIRED FOR THE CONSTRUCTION AND POST-CONSTRUCTION ON THIS PROJECT, INCLUDING DUST CONTROL, AND SHALL BE CONSIDERED AS INCLUDED IN THE COSTS OF ITEMS BID FOR APPLICABLE ITEM OF WORK AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR. THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE WATER COMPANY FROM WHICH WATER IS PURCHASED. IN NO CASE SHALL THE CONTRACTOR VIOLATE THE TOWN'S WATER CONSERVATION ORDINANCE.

21. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL PROJECT PERMIT REQUIREMENTS.

GENERAL NOTES

GN-1

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE

CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO

REVISED BY
DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => Jun 20, 2022, 2:50pm | TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	3	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
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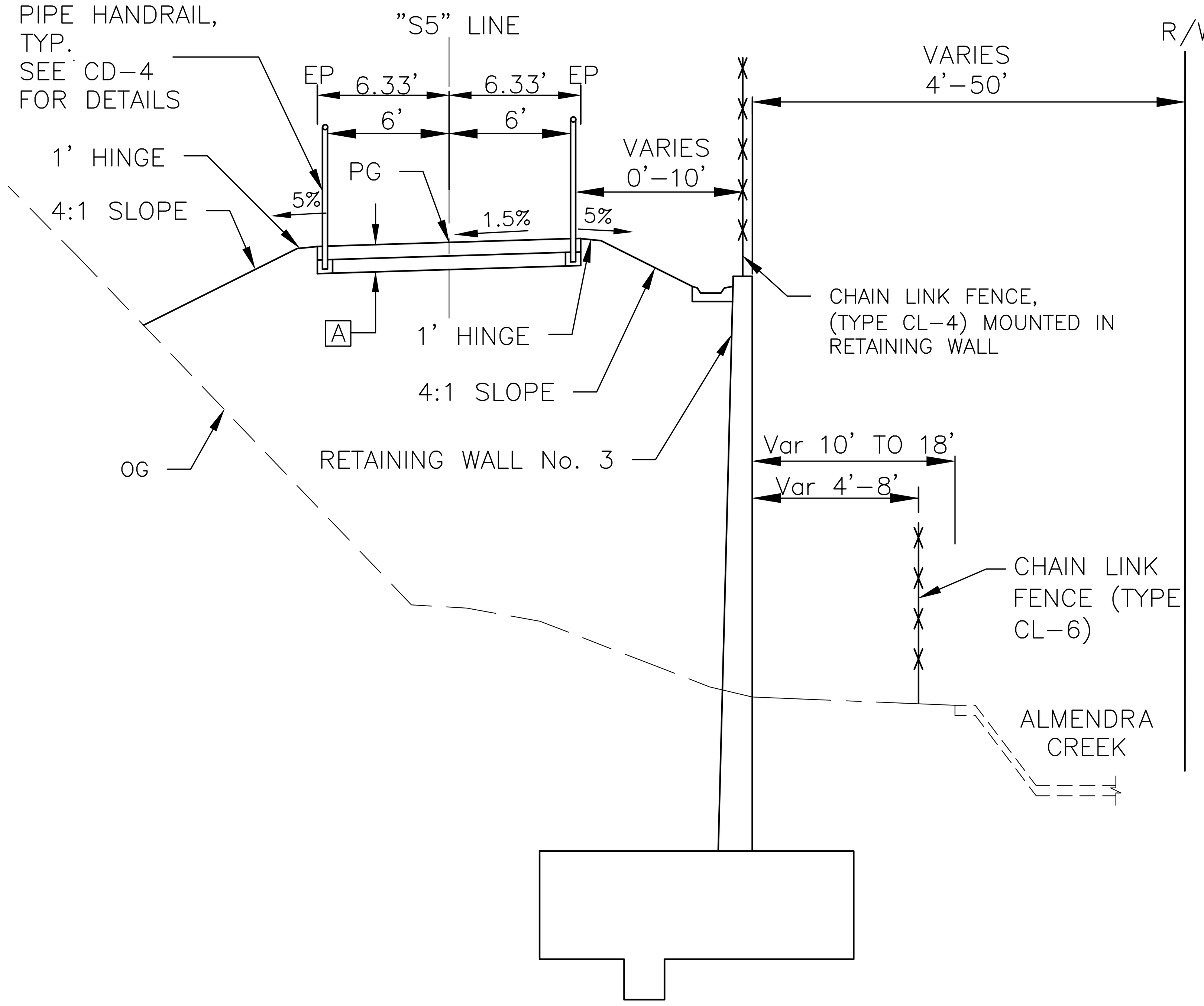
TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

TYPICAL PAVEMENT STRUCTURE SECTIONS

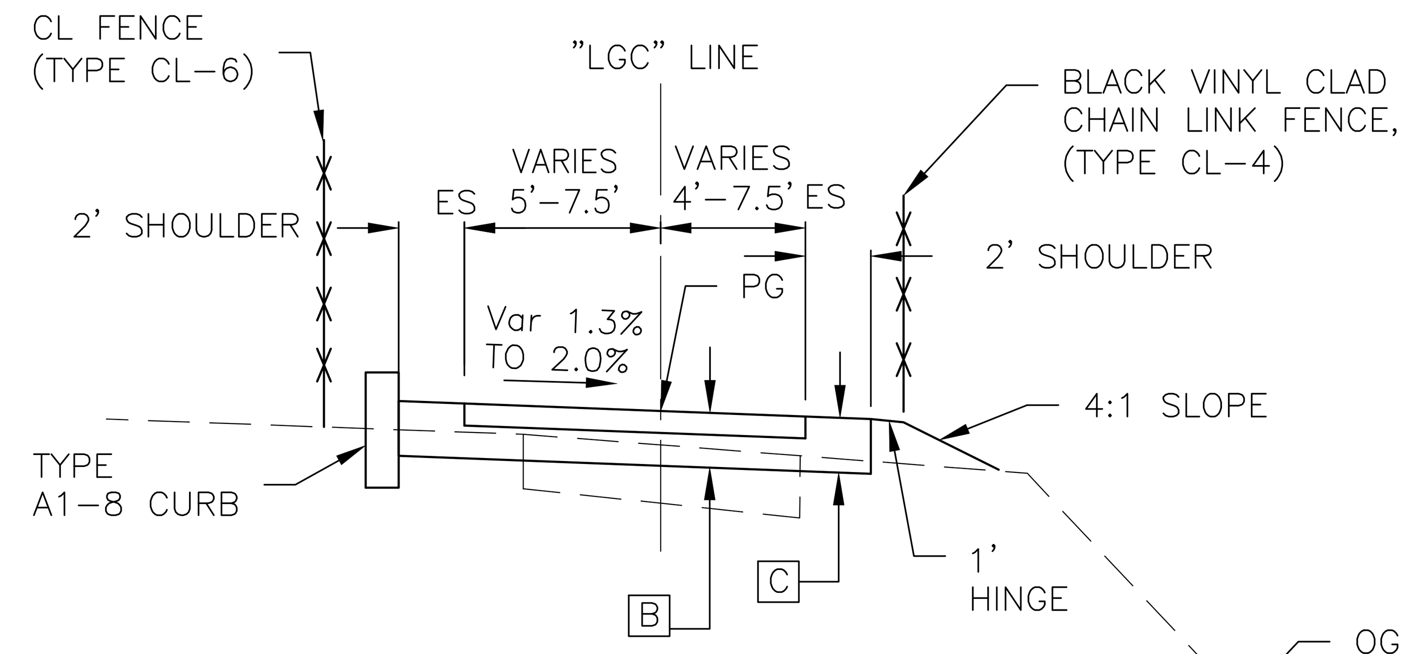
- A: 4" PCC / 6" CLASS 2 AB
- B: 4" HMA (TYPE A) / 6" CLASS 2 AB
- C: 10" CLASS 2 AB
- D: 6" PCC / 6" CLASS 2 AB

NOTES:

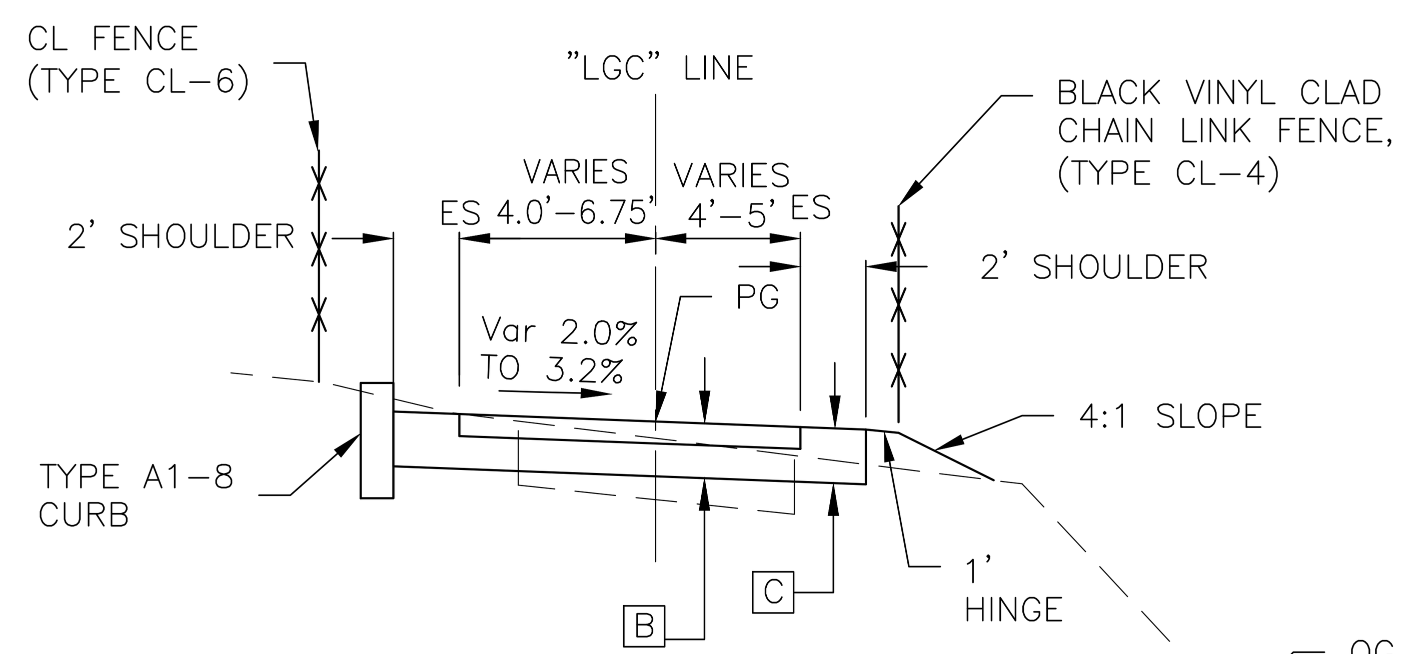
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAMS.
3. FOR RETAINING WALL LAYOUT AND DETAILS, SEE RETAINING WALL PLANS.



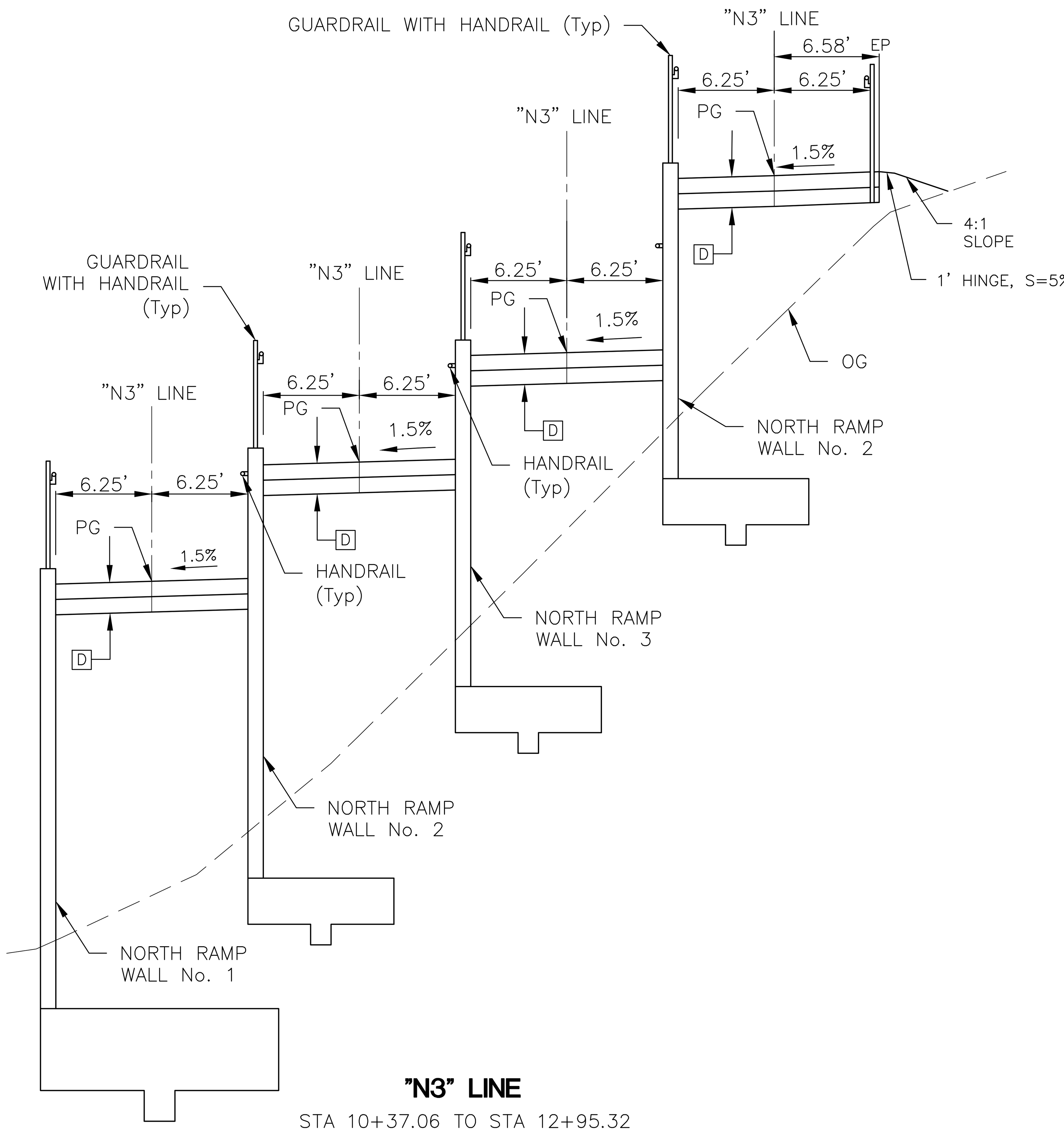
"S5" LINE
STA 12+70 TO STA 15+55.74



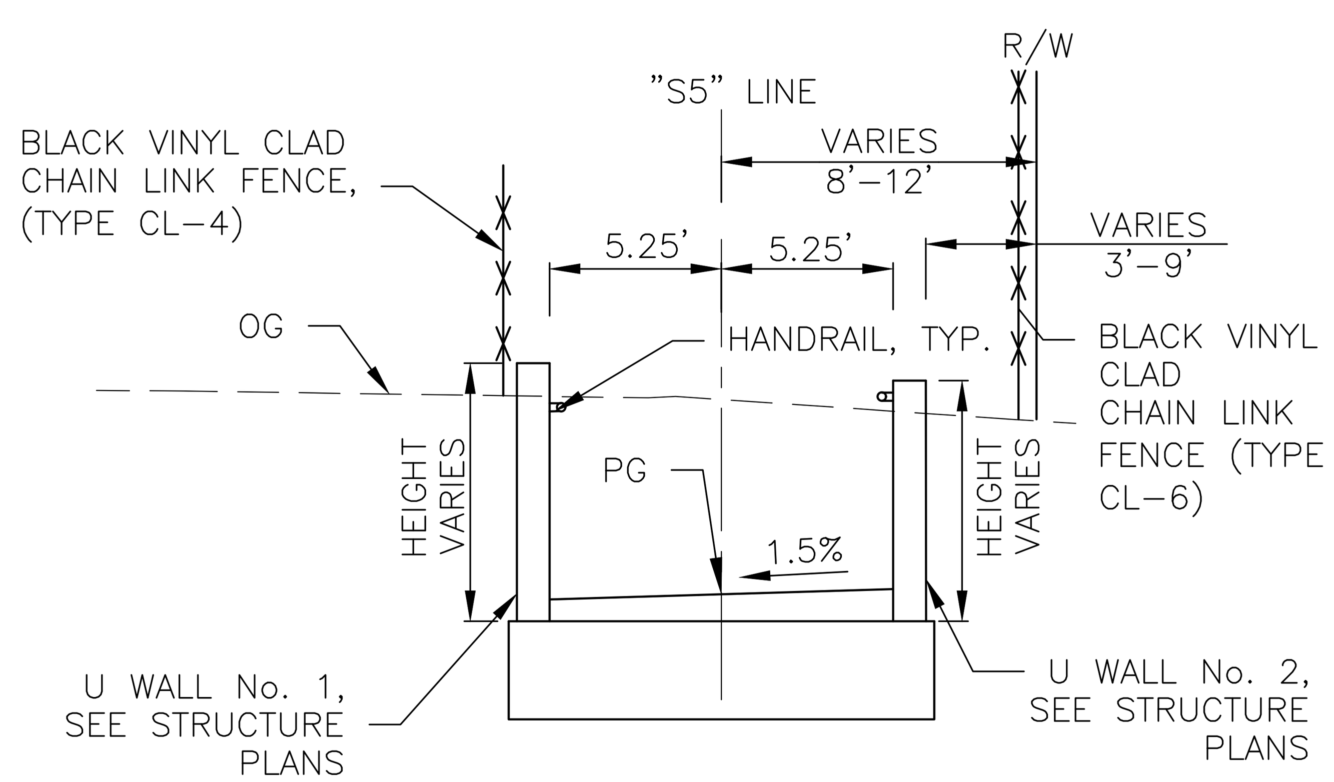
"LGC" LINE
STA 12+63.44 TO STA 13+44.78



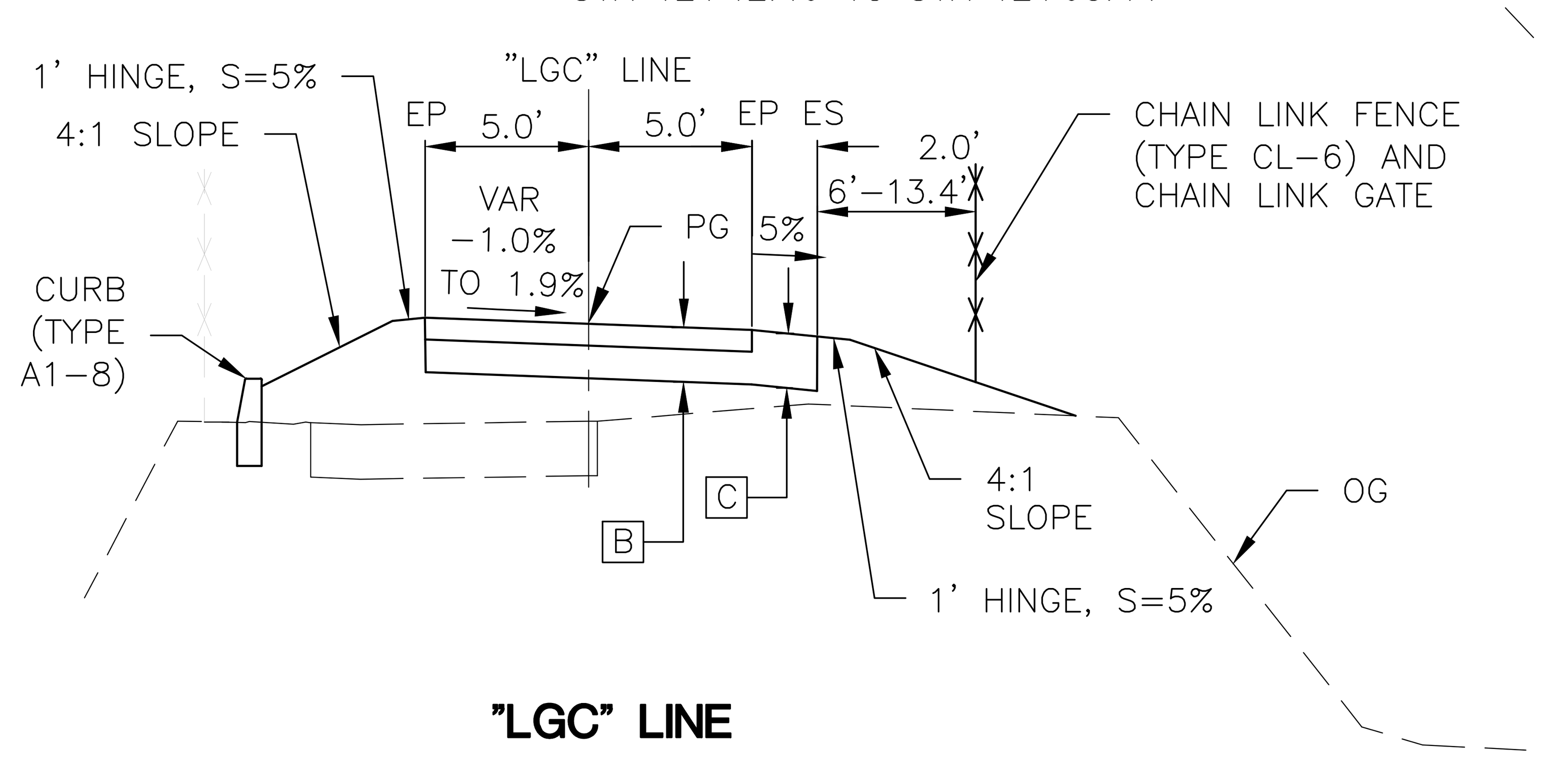
"LGC" LINE
STA 12+42.46 TO STA 12+63.44



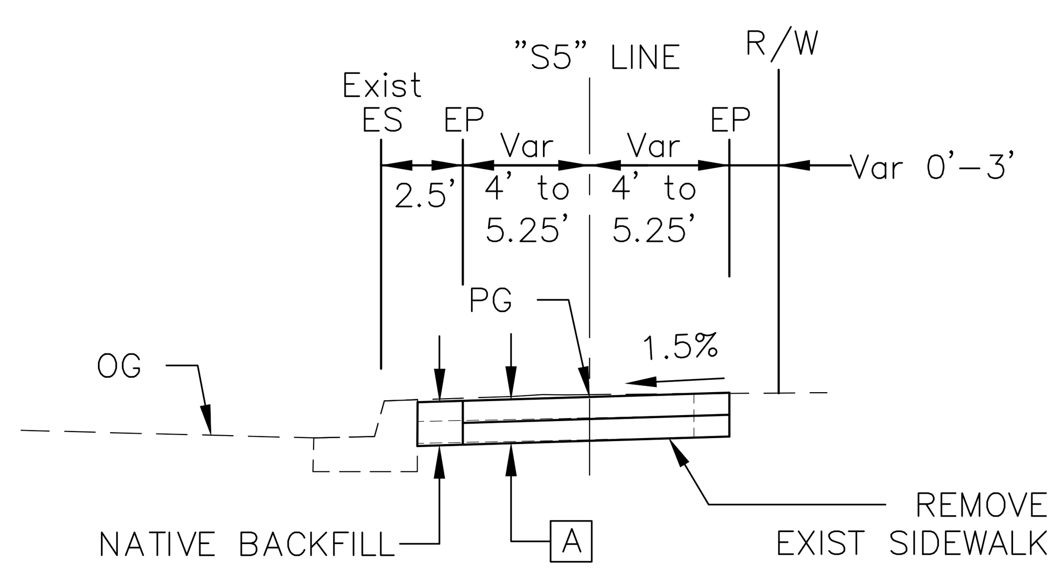
"N3" LINE
STA 10+37.06 TO STA 12+95.32



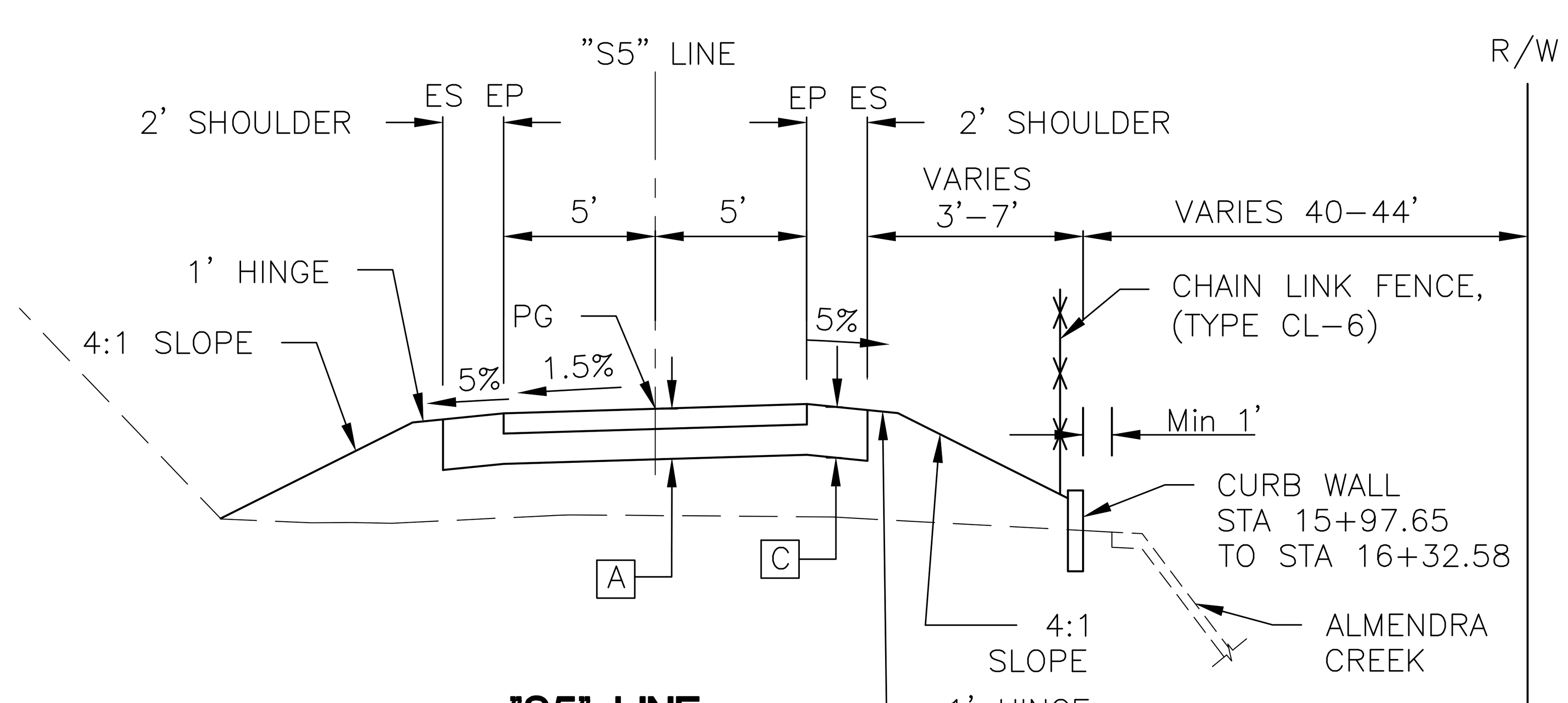
"S5" LINE
STA 11+50 TO STA 12+70



"LGC" LINE
STA 10+21.62 TO STA 11+04.30



"S5" LINE
STA 10+14.21 TO STA 11+50



"S5" LINE
STA 15+55.74 TO STA 16+29.60

TYPICAL CROSS SECTION

NO SCALE

X-1

REVISED BY | DATE REVISED

JORDAN CHO | TOMMY CHO

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => Jun 20, 2022, 3:00pm TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	4	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

KEY MAP AND LINE INDEX

NO SCALE

K-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE

CALCULATED-DESIGNED BY: JORDAN CHO

CHECKED BY: TOMMY CHO

REVISED BY

DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME =>Drawing: C:\users\cho90539\dms27761\04-K-1 Key Map.dwg
DGN FILE => $REQUEST

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 04200001581

LAST REVISION 00-00-00

DATE PLOTTED => Jun 20, 2022, 3:03pm
TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	5	79

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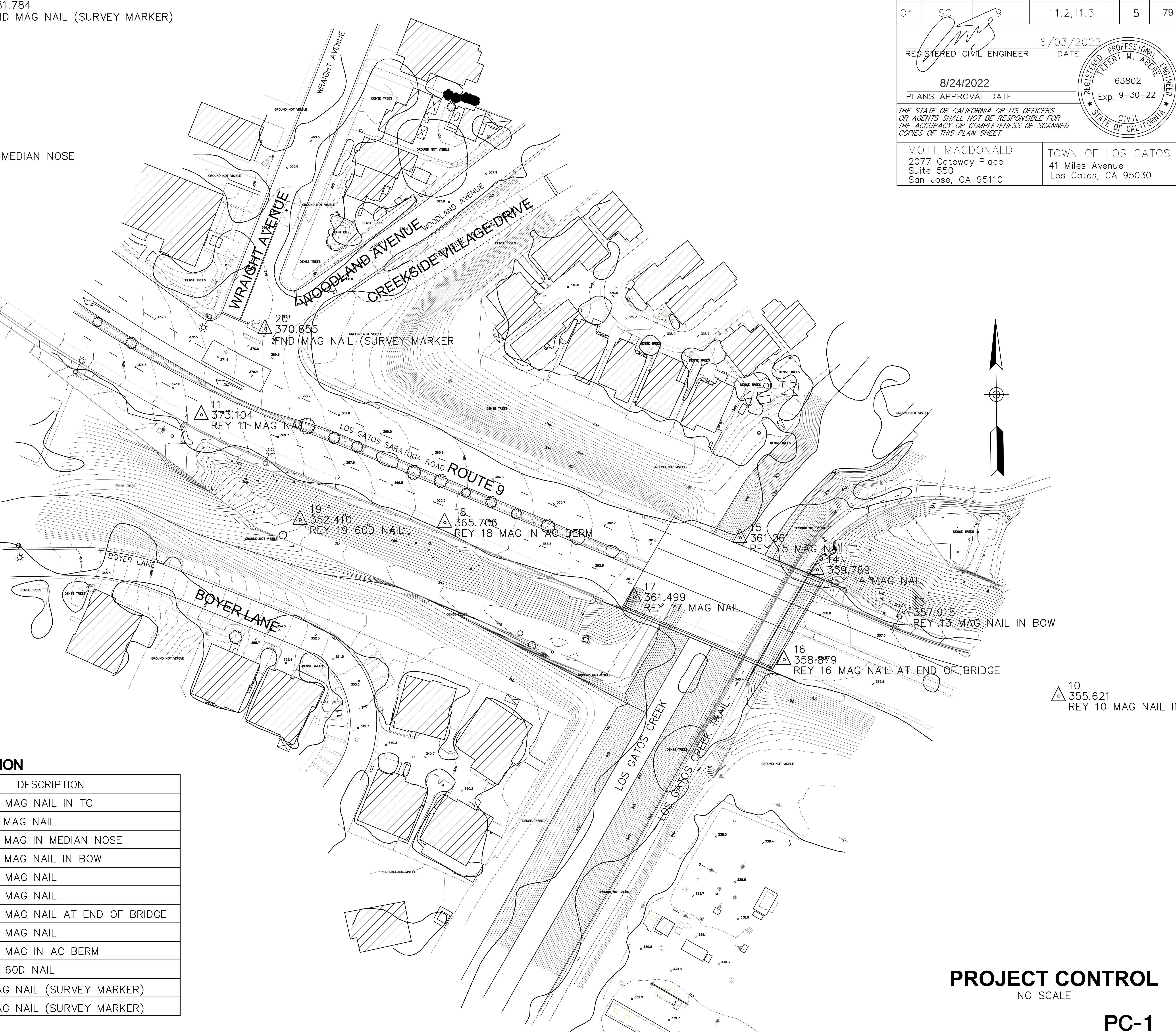

LEGEND:

△ SURVEY CONTROL

ABBREVIATIONS:

AC	ASPHALT CONCRETE
BOW	BOTTOM OF WALL
TC	TOP OF CURB

NOTES:

1. FOR COMPLETE PROJECT CONTROL DATA, SEE THE SURVEY RECORDS ON FILE IN THE SURVEY DEPARTMENT AT THE DISTRICT OFFICE.
2. BASIS OF BEARINGS AND COORDINATES: THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM (CCS) ZONE 3, NAD83 (2011), EPOCH 2017.50. BASED LOCALLY UPON GNSS TIES TO CALIFORNIA SPATIAL REFERENCE NETWORK STATIONS P213 AND LUTZ.
3. BASIS OF ELEVATIONS: ELEVATIONS SHOWN HEREON ARE IN TERMS OF NAVD88, BASED LOCALLY UPON THE SANTA CLARA VALLEY WATER VERTICAL NETWORK, EPOCH 2017.20. BENCHMARK #1009, NEAR THE SOUTHERLY CORNER OF UNIVERSITY AND HUBBEL WAY, TOWN OF LOS GATOS, ELEVATION = 370.35 FEET.

CONTROL FOR DESIGN AND CONSTRUCTION

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
10	1908557.25	6131819.83	355.62	REY 10 MAG NAIL IN TC
11	1908781.47	6131136.26	373.10	REY 11 MAG NAIL
12	1908996.32	6130897.57	384.21	REY 12 MAG IN MEDIAN NOSE
13	1908624.09	6131696.05	357.92	REY 13 MAG NAIL IN BOW
14	1908657.94	6131627.31	359.77	REY 14 MAG NAIL
15	1908683.42	6131565.85	361.06	REY 15 MAG NAIL
16	1908586.21	6131600.79	358.88	REY 16 MAG NAIL AT END OF BRIDGE
17	1908636.17	6131481.38	361.50	REY 17 MAG NAIL
18	1908695.59	6131330.24	365.71	REY 18 MAG IN AC BERM
19	1908697.90	6131214.98	352.41	REY 19 60D NAIL
20	1908850.00	6131187.04	370.66	FND MAG NAIL (SURVEY MARKER)
21	1909108.41	6130959.17	381.78	FND MAG NAIL (SURVEY MARKER)

PROJECT CONTROL

NO SCALE

PC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE

CALCULATED-DESIGNED BY: JORDAN CHO

CHECKED BY: TOMMY CHO

REVISED BY

DATE REVISED

DATE PLOTTED => Jun 20, 2022, 3:04pm
TIME PLOTTED =>

LAST REVISION 00-00-00

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NOTES:

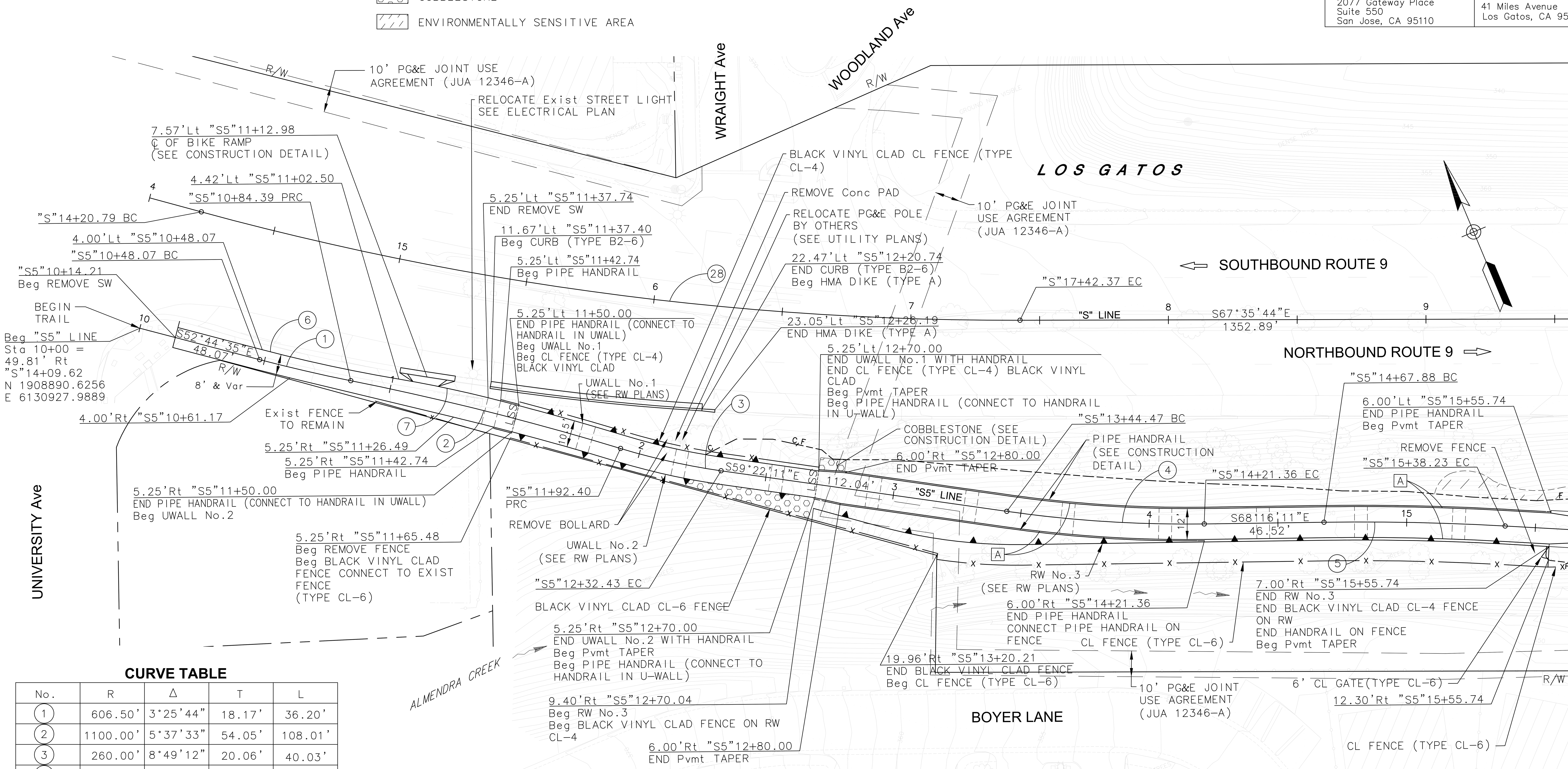
1. FOR ACCURATE RIGHT OF WAY, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR TREE REMOVAL, SEE CONSTRUCTION DETAILS.
3. FOR EXISTING UTILITIES NOT SHOWN, SEE UTILITY PLANS.
4. CONTRACTOR SHALL OBTAIN AUTHORIZATION FROM THE ENGINEER PRIOR TO ANY TRIMMINGS OF EXISTING TREE TO CONSTRUCT THE PROPOSED IMPROVEMENTS.
5. CONTRACTOR SHALL REMOVE SOD AND, MODIFY AND RESTORE IRRIGATION FACILITIES IN THE AREA THAT IS IMPACTED BY THE CONSTRUCTION AT 340 UNIVERSITY AVENUE.

LEGEND:

- (No.) CURVE NUMBER
- DIRECTION OF TRAFFIC
- HANDRAIL
- LANDING
- REMOVE ASPHALT CONCRETE SURFACING
- COLD PLANE AC PAVEMENT - SEE DETAIL CD-4
- COBBLESTONE
- ENVIRONMENTALLY SENSITIVE AREA

ABBREVIATIONS:

LSS	LIMIT OF STRUCTURAL SECTION
PG&E	PACIFIC GAS & ELECTRIC COMPANY
TW	TOP OF WALL
VWD	VALLEY WATER DISTRICT



CURVE TABLE

No.	R	Δ	T	L
1	606.50'	3°25'44"	18.17'	36.20'
2	1100.00'	5°37'33"	54.05'	108.01'
3	260.00'	8°49'12"	20.06'	40.03'
4	495.00'	8°53'57"	38.52'	76.89'
5	1005.00'	4°00'39"	35.19'	70.36'
6	602.50'	5°05'38"	27.15'	54.27'
7	450.00'	4°18'11"	17.71'	35.41'
28	1200.00'	15°21'16"	161.76'	321.58'

LAYOUT

SCALE: 1"=20'

L-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

DATE PLOTTED => Jun 20, 2022, 3:07pm
TIME PLOTTED =>
LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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8/24/2022
PLANS APPROVAL DATE

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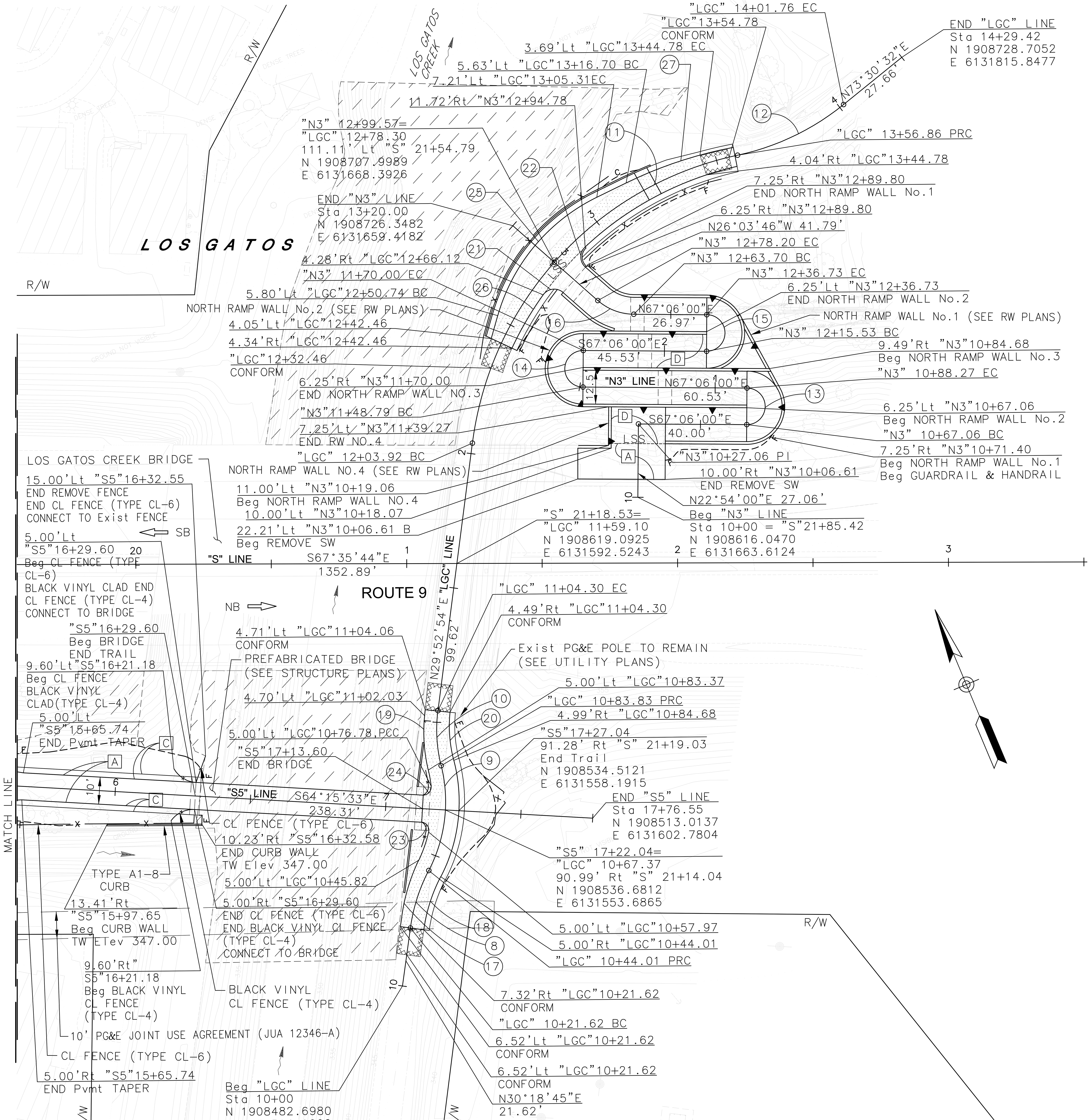

NOTES:

1. FOR ACCURATE RIGHT OF WAY, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. INFORMATION FOR GATE AND PAVEMENT SECTION NOT SHOWN, SEE PAVEMENT ELEVATION IN CONSTRUCTION DETAILS.

CURVE TABLE

No.	R	Δ	T	L
8	65.00'	19°43'53"	11.30'	22.38'
9	55.00'	41°29'03"	20.83'	39.82'
10	55.00'	21°19'19"	10.35'	20.47'
11	125.00'	70°36'31"	88.52'	154.04'
12	93.00'	26°58'54"	22.31'	43.80'
13	6.75'	180°00'00"	–	21.20'
14	6.75'	180°00'00"	–	21.20'
15	6.75'	180°00'00"	–	21.20'
16	20.25'	41°02'14"	7.58'	14.50'
17	70.00'	17°30'09"	17.76'	21.80'
18	60.00'	19°26'07"	10.43'	20.66'
19	60.00'	19°11'06"	10.21'	20.23'
20	50.00'	20°19'17"	9.06'	17.92'
21	5.00'	95°41'22"	5.52'	8.35'
22	5.00'	95°26'29"	5.50'	8.33'
23	3.00'	99°45'36"	3.56'	5.22'
24	3.00'	95°03'39"	3.28'	4.98'
25	70.00'	48°01'40"	31.19'	58.68'
26	121.00'	46°48'57"	52.38'	98.87'
27	156.00'	10°43'04"	14.63'	29.18'

LAYOUT

SCALE: 1"=20'

L-2

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CHECKED BY TOMMY CHO
REVISED BY
DATE REVISED

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	8	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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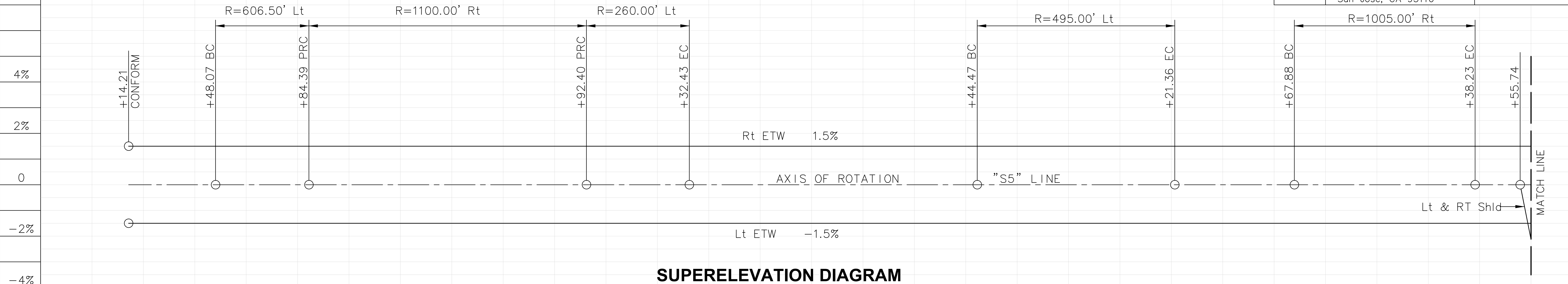
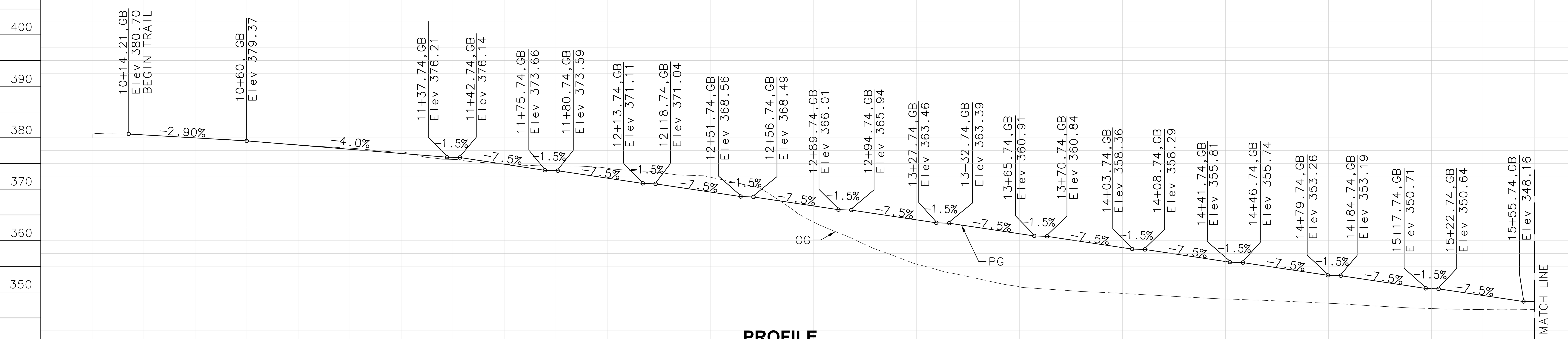
ABBREVIATIONS:
GB GRADE BREAK



SUPERELEVATION DIAGRAM



PROFILE
S5 LINE

STATION	10	11	12	13	14	15	TOTAL
CY Exc							
CY Emb							

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: (H)1"=20'; (V)1"=10'

PS-1

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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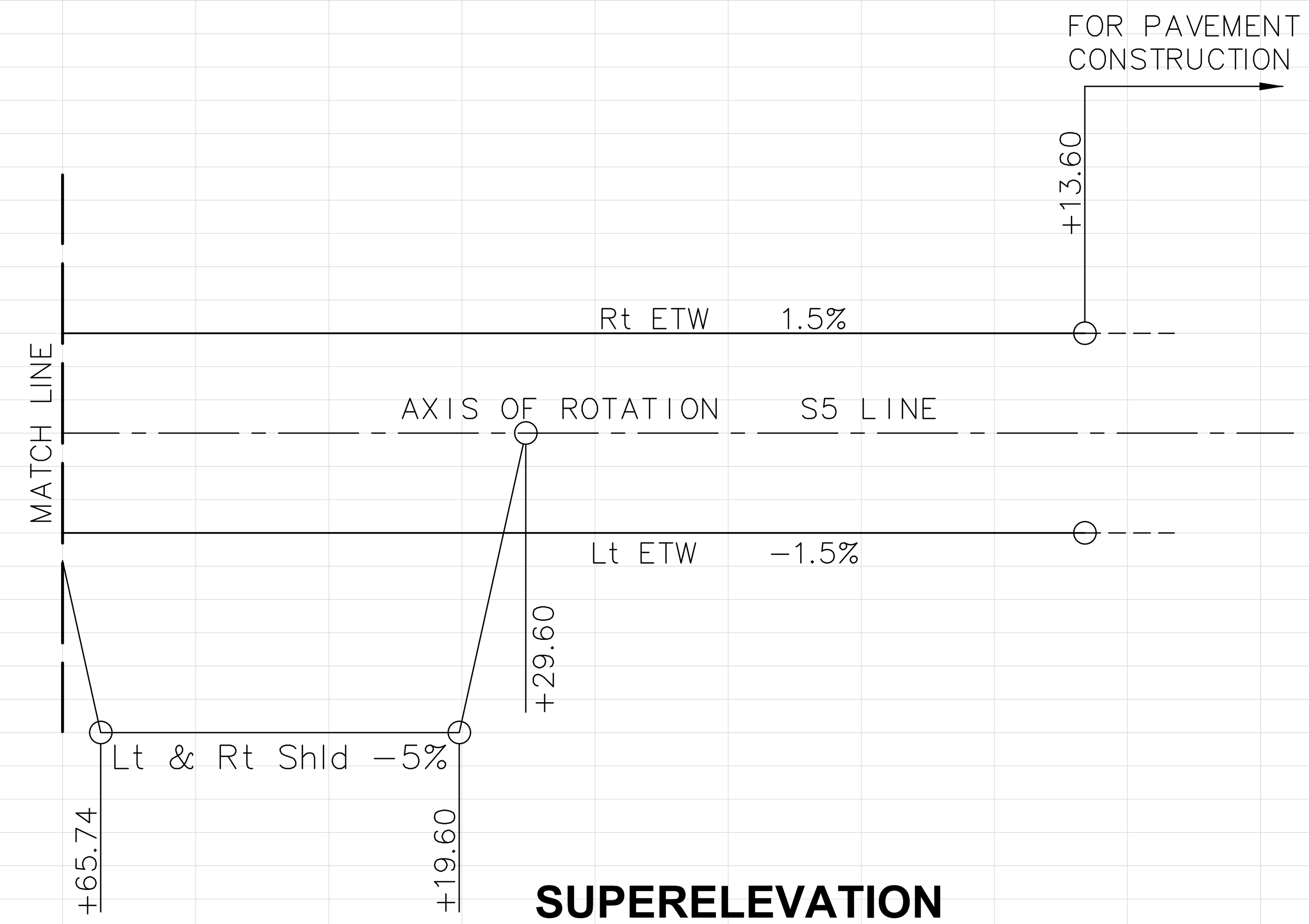

SUPERELEVATION

PROFILE
"S5" LINE

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: (H)1"=20'; (V)1"=10'

PS-2

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DATE REVISED
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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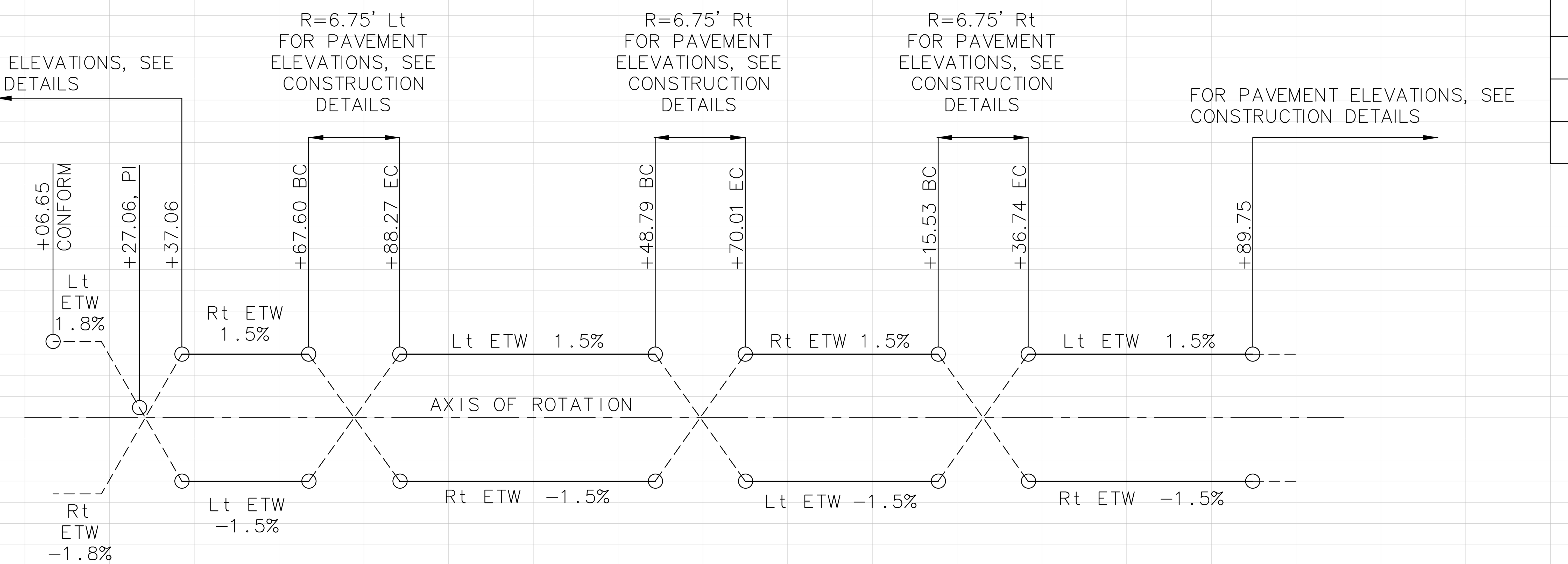
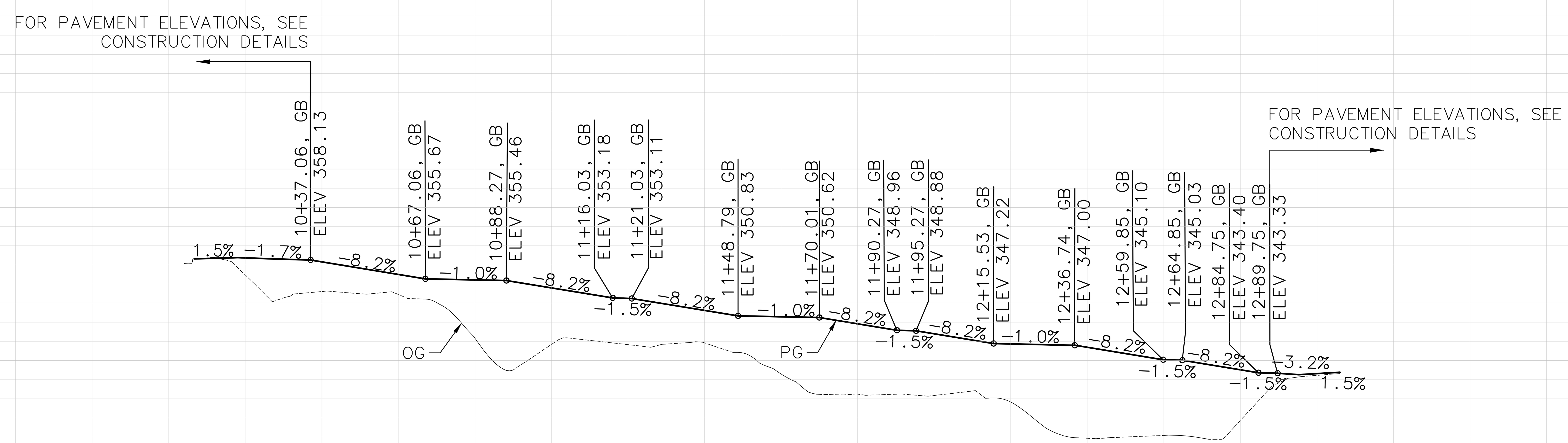


SUPERELEVATION



PROFILE
"N3" LINE

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: (H)1"=20'; (V)1"=10'

PS-3

STATION	10	11	12	13
CY Exc				
CY Emb				

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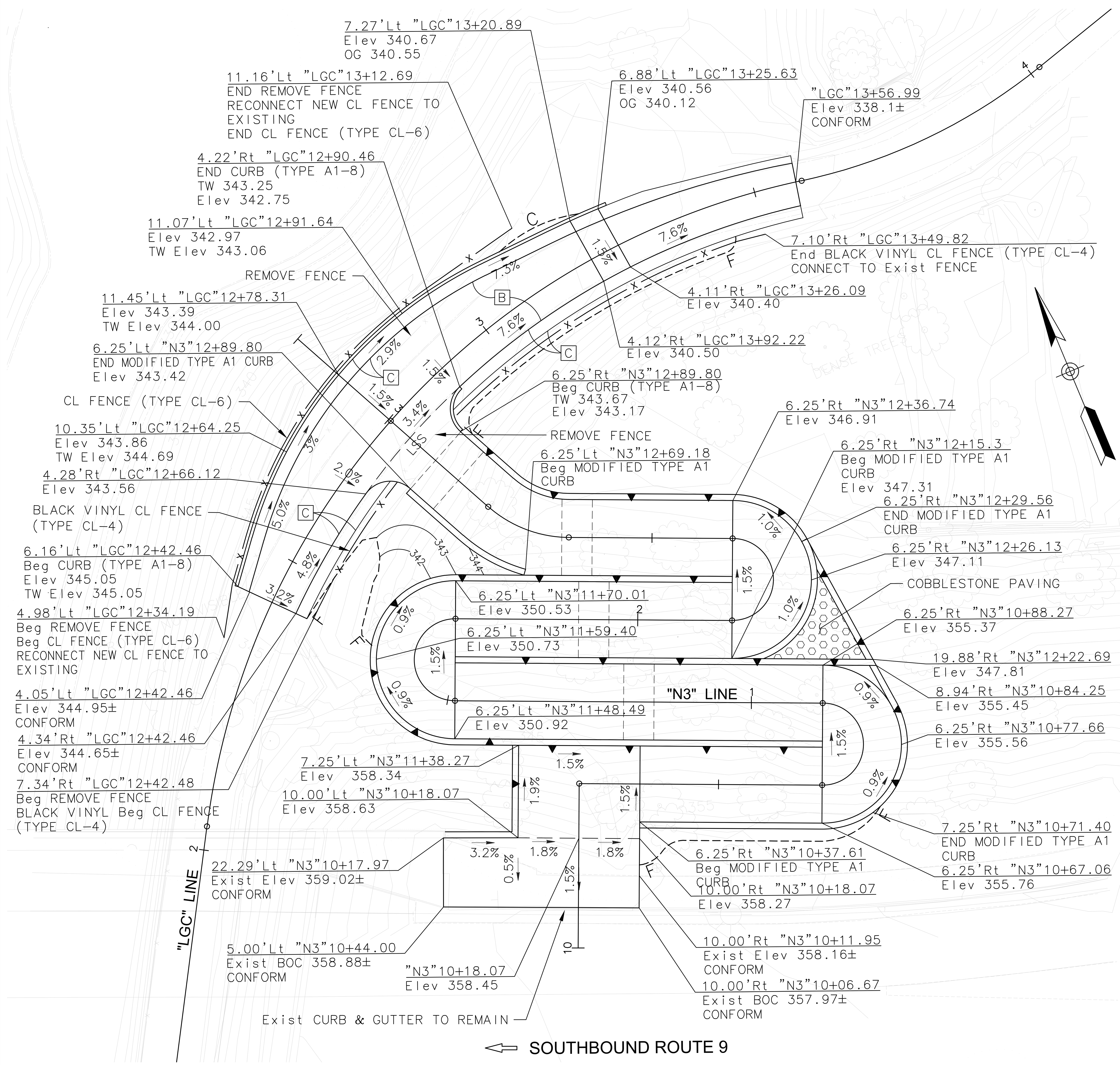
ABBREVIATIONS:

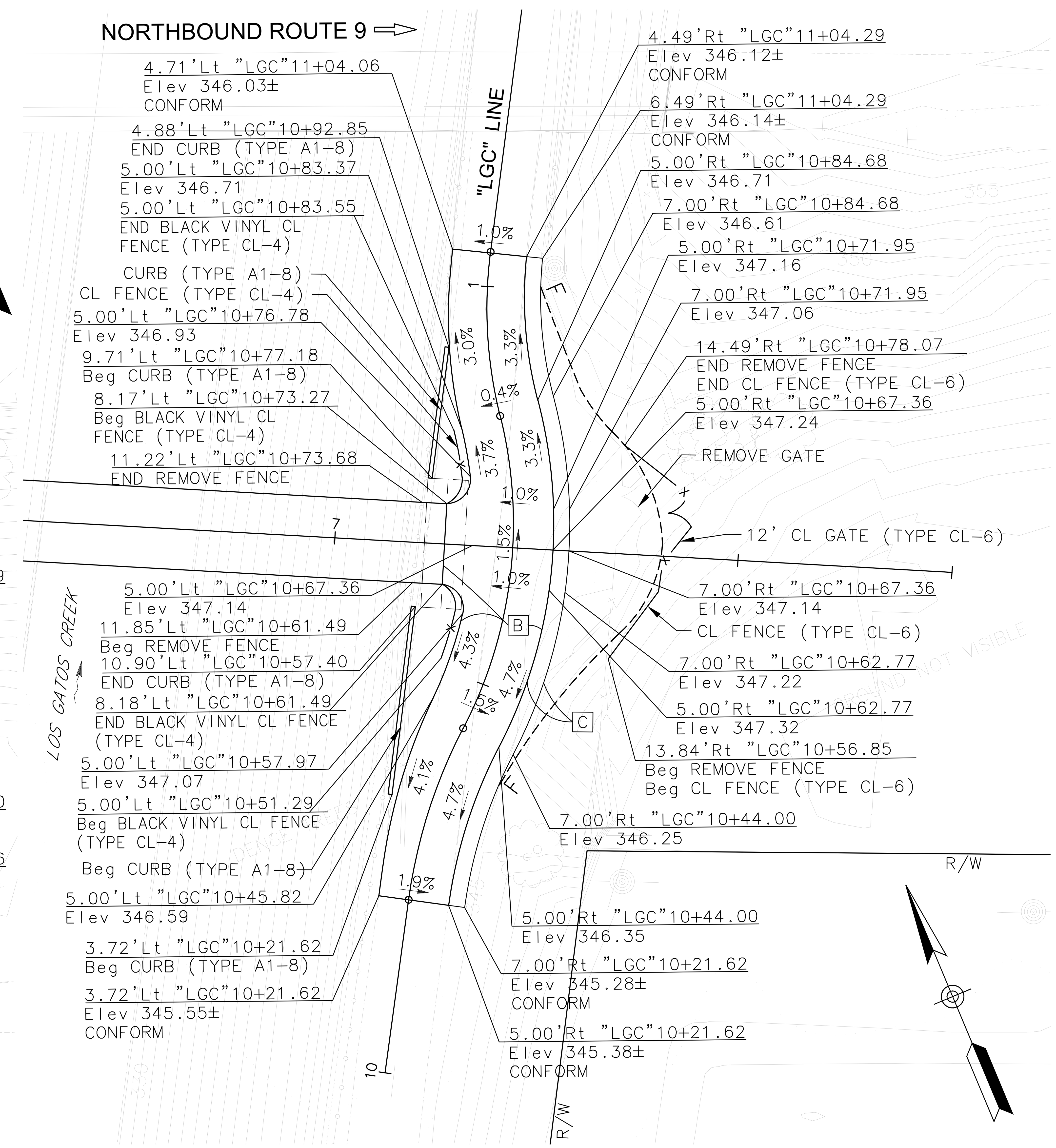
BOC BACK OF CURB
TW TOP OF WALL

LEGEND:

COBBLESTONE



SWITCHBACK RAMP AT NORTHERN PEDESTRIAN ACCESS AND INTERSECTION OF NORTHERN PEDESTRIAN ACCESS AND LOS GATOS CREEK TRAIL



INTERSECTION OF LOS GATOS CREEK BRIDGE AND LOS GATOS CREEK TRAIL

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1"=10'

CD-1

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RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 04200001581

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Los Gatos, CA 95030

NOTES:

1. FOR ACCURATE RIGHT OF WAY, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. CONTRACTOR SHALL PROTECT ALL TREES NOT SHOWN TO BE REMOVED.
3. CONTRACTOR SHALL NOTIFY THE ENGINEER 10 DAY IN ADVANCE PRIOR TO ANY TREE REMOVAL.
4. FOR ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING, SEE TEMPORARY WATER POLLUTION CONTROL PLANS.
5. CONTRACTOR MUST OBTAIN TREE REMOVAL (NO FEE) PERMIT FROM TOWN PRIOR TO REMOVAL OF ANY TREES. TREES MUST BE POSTED A MIN OF TEN DAYS PRIOR TO ANY REMOVAL.
6. SEE SPECIAL PROVISIONS FOR TREE PROTECTION AND TREE REMOVAL REQUIREMENTS

ABBREVIATIONS:

DBH DIAMETER AT BREAST HEIGHT

REMOVE TREE DATA (N)

No.	SPECIES	DBH SIZE (IN)
701	UNKNOWN	12
702	ACACIA DEALBATA	22
725	QUERCUS AGRIFOLIA	11
726	ACACIA DEALBATA	16.5
727	QUERCUS LOBATA	32
50	UNKNOWN	10
60	OAK	12
70	OAK	6
741	QUERCUS AGRIFOLIA	12
768	QUERCUS AGRIFOLIA	10
751	EUCALYPTUS GLOBULUS	13
761	QUERCUS AGRIFOLIA	23

No.	SPECIES	DBH SIZE (IN)
762	QUERCUS AGRIFOLIA	10
760	QUERCUS AGRIFOLIA	14
759	PRUNUS ILICIFOLIA	13
758	PRUNUS ILICIFOLIA	11
763	MALOSMA LAURINA	16
780	PRUNUS ILICIFOLIA	6
789	PRUNUS ILICIFOLIA	23
776	MALOSMA LAURINA	16
777	PRUNUS ILICIFOLIA	9
774	PRUNUS ILICIFOLIA	16
755	QUERCUS AGRIFOLIA	14
757	QUERCUS AGRIFOLIA	26
770	PRUNUS ILICIFOLIA	17

No.	SPECIES	DBH SIZE (IN)
775	MALOSMA LAURINA	9
779	PRUNUS ILICIFOLIA	30
778	PRUNUS ILICIFOLIA	6.5
787	PRUNUS ILICIFOLIA	9
786	UNKNOWN	6
785	QUERCUS AGRIFOLIA	18
773	QUERCUS AGRIFOLIA	18
772	MALOSMA LAURINA	9
771	SCHINUS MOLLE	8
80	UNKNOWN	30
747	EUCALYPTUS GLOBULUS	76

LEGEND:

REMOVE TREE

CONSTRUCTION DETAILS
TREE REMOVAL PLAN
SCALE: 1"= 30'

CD-2

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USERNAME =>Drawing: C:\users\cho90539\dms27761\12-CD-2 Construction Detail.dwg
DGN FILE => $REQUEST

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 04200001581

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NOTES:

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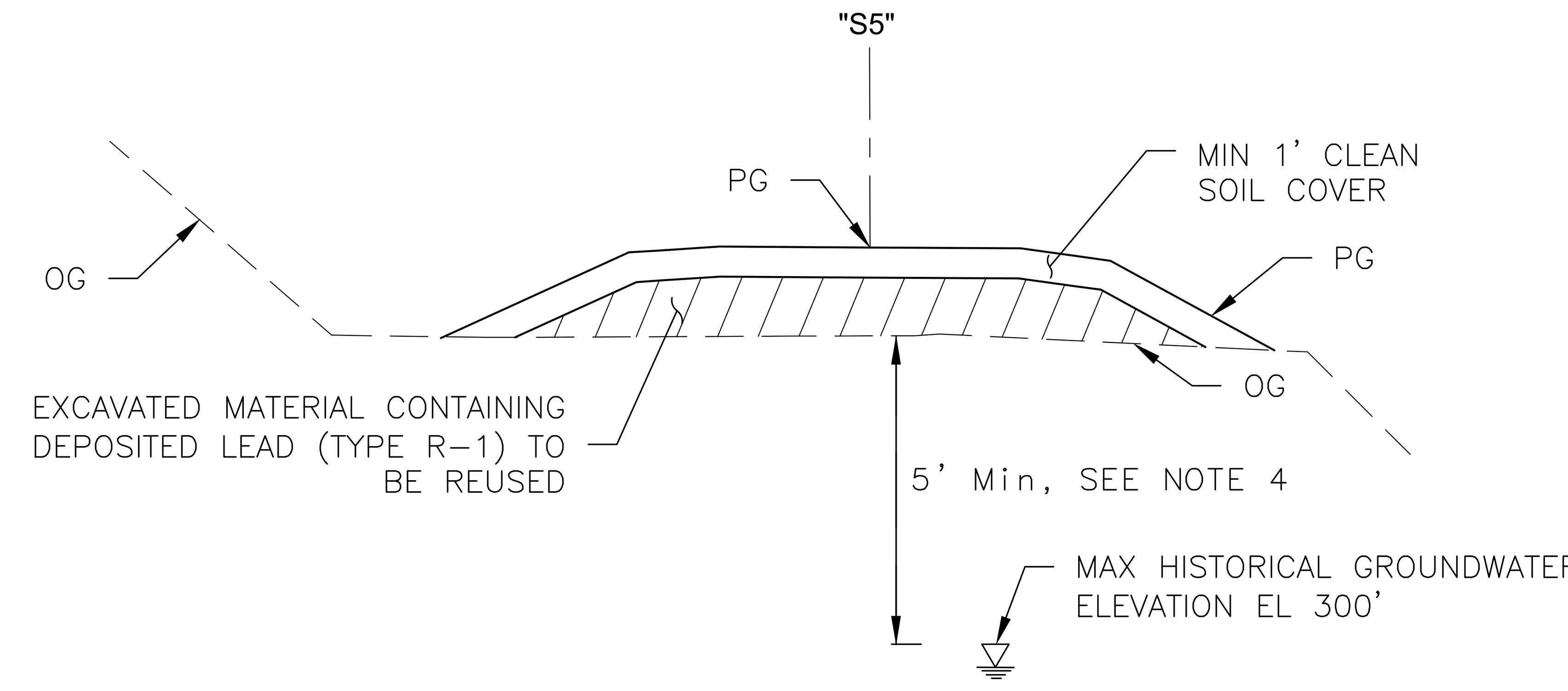
2. REUSE OF EXISTING MATERIAL CONTAINING AERIALLY DEPOSITED LEAD (TYPE R-1) SHALL REQUIRE A MINIMUM 1-FOOT OF CLEAN SOIL COVER.
3. EXISTING MATERIAL CONTAINING AERIALLY DEPOSITED LEAD (TYPE Z-3) SHALL BE TRANSPORTED TO AND DISPOSED OF AT A CALIFORNIA CLASS I DISPOSAL FACILITY.
4. THE MINIMUM DISTANCE BETWEEN THE AERIALLY DEPOSITED LEAD MATERIAL TO BE USED AND THE MAXIMUM HISTORICAL GROUNDWATER ELEVATION SHALL BE AT LEAST 5 FEET.

LEGEND:

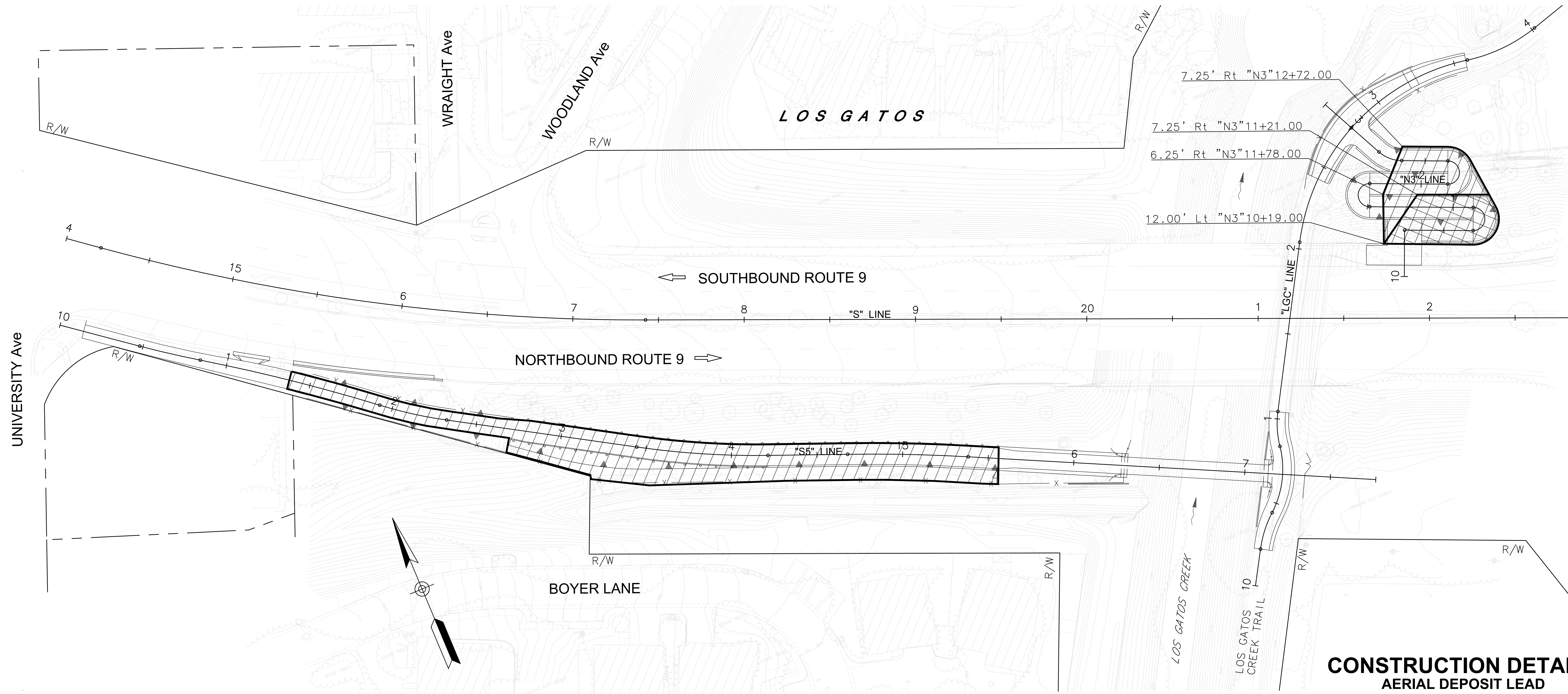
LIMIT OF Exist MATERIAL CONTAINING AERIALLY DEPOSITED LEAD (TYPE R-1) FOUND WITHIN 1 FOOT BELOW GROUND SURFACE.

LIMIT OF Exist MATERIAL CONTAINING AERIALLY DEPOSITED LEAD (TYPE R-1 & TYPE Z-3). TYPE Z-3 FOUND WITHIN 1 FOOT BELOW GROUND SURFACE AND TYPE R-1 FOUND BETWEEN 1 FOOT AND 2.5 FEET BELOW GROUND SURFACE.



TYPICAL SECTION

PLACEMENT OF AERIALLY DEPOSITED LEAD (TYPE R-1) EXCAVATED MATERIAL



CONSTRUCTION DETAILS

AERIAL DEPOSIT LEAD

SCALE: 1"= 30'

CD-3

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04	SCl	9	11.2,11.3	14	79

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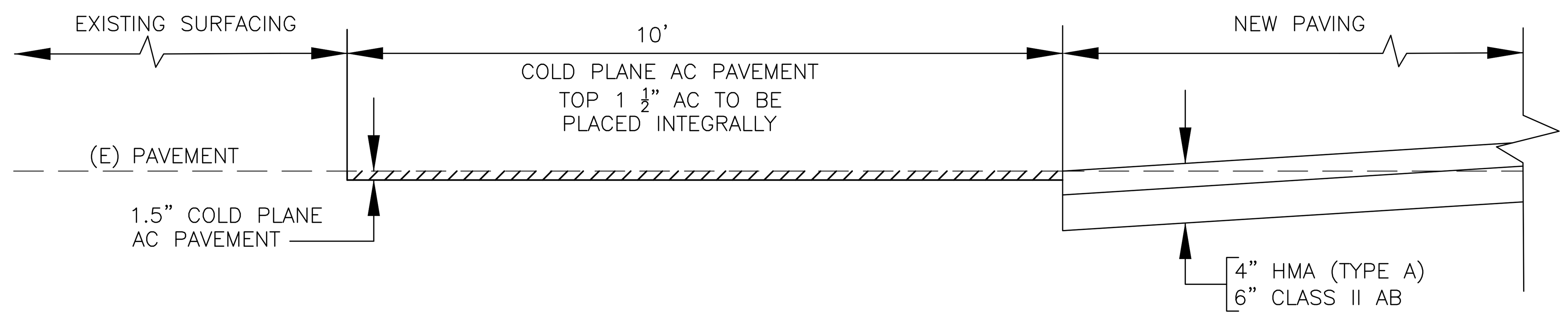
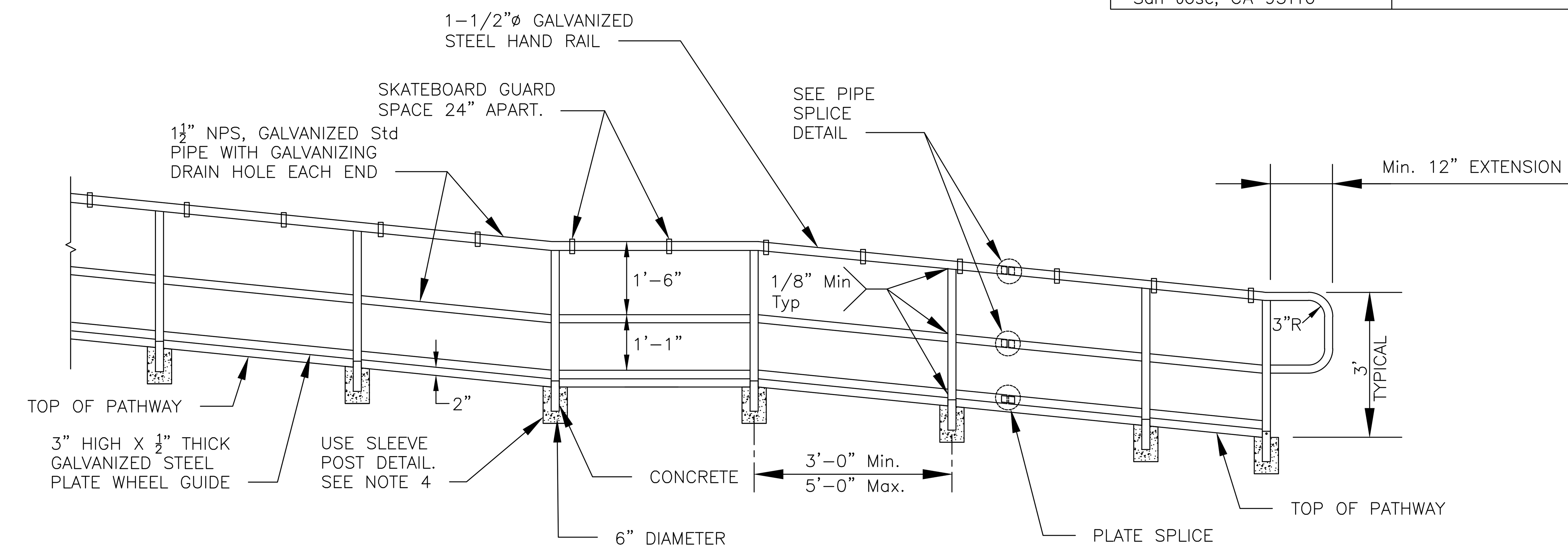
NOTES:

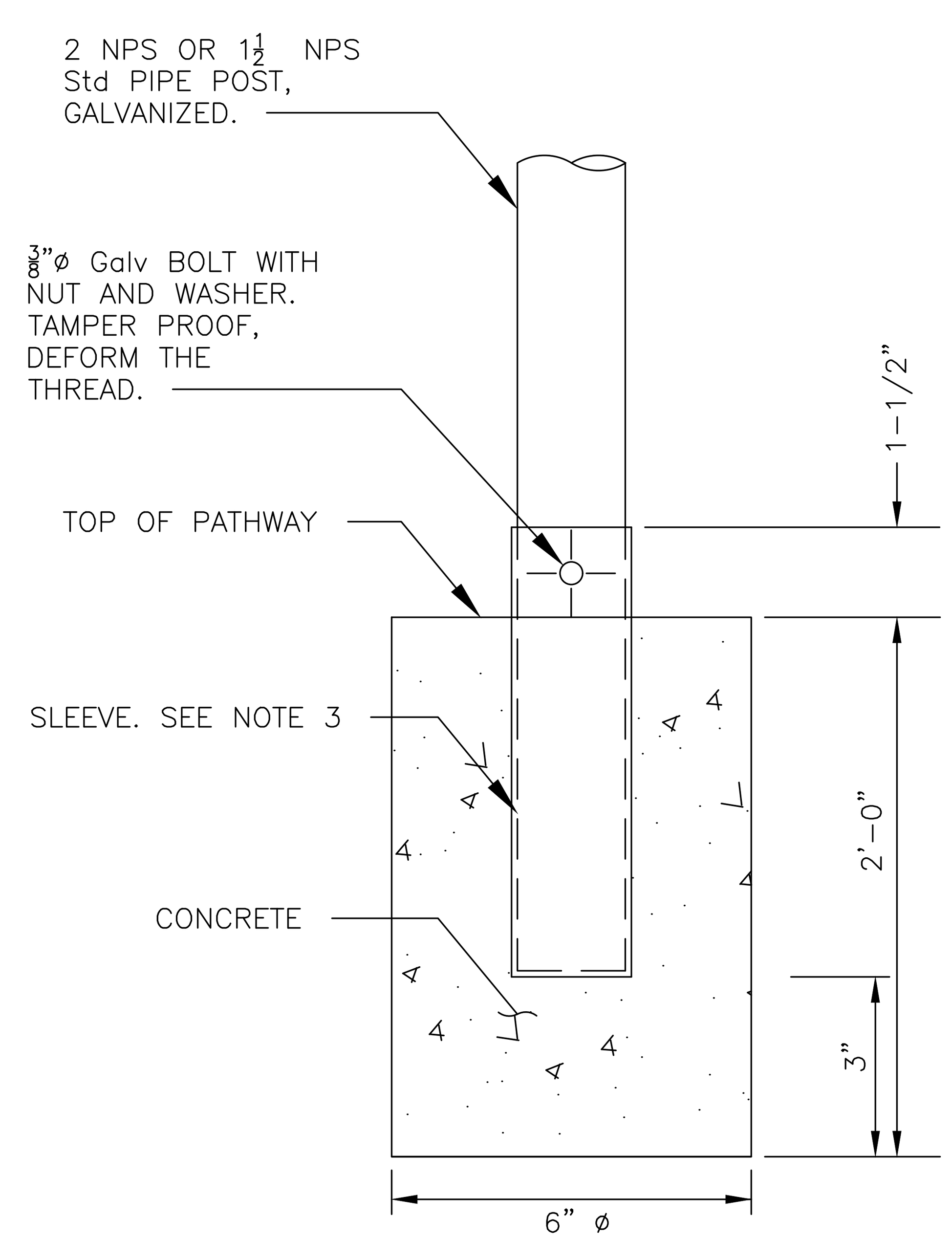
1. CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR REVIEW AND APPROVAL BEFORE ANY FABRICATION.
2. THE HANDRAIL GRIPPING SURFACE IS CIRCULAR AND SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.
3. STEEL SLEEVE SHALL BE CONSTRUCTED WITH AN INSIDE DIAMETER OF 1/10" LARGER THAN THE POST'S OUTSIDE DIAMETER. WALL THICKNESS OF SLEEVE SHALL BE SAME AS POST OR LARGER.
4. FOR SLEEVE POST ADDITIONAL DETAILS, REFER SHEET ES-7Q OF THE STANDARD PLANS.
5. HANDRAIL MATERIAL SPECIFICATION:
   - RAILS AND POSTS: ASTM A500/500M GRADE B OR ASTM A53 GRADE B
   - ANCHORS AND NUTS: ASTM F593/F594, TYPE 304
   - BOLTS: ASTM A449, GALVANIZED
   - NUTS: ASTM A563/A563M, GALVANIZED
   - PLATES: ASTM A36
   - WELDING: AWS D1.1
   - GALVANIZE ALL COMPONENTS AFTER FABRICATION



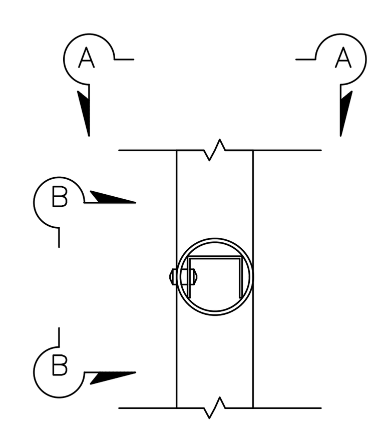
LONGITUDINAL PAVING CONFORM
NTS



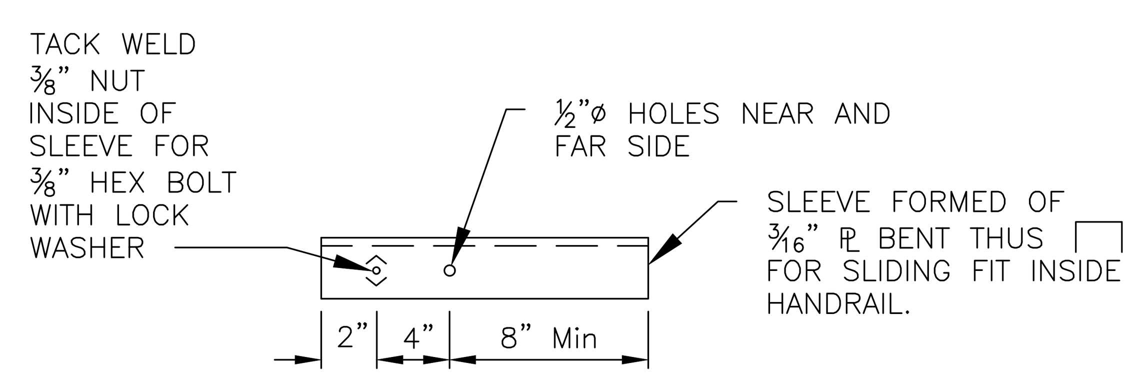
PIPE HANDRAIL
NTS
STA "S5" 12+70.00 - 15+55.74 (L)
STA "S5" 12+70.00 - 14+21.36 (R)



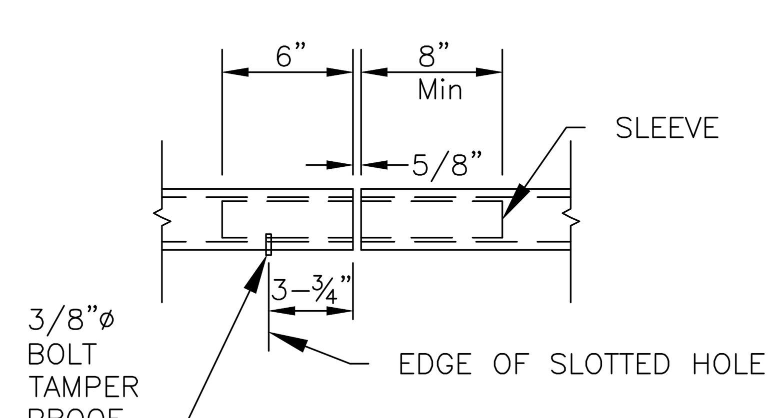
SLEEVE POST DETAIL
NTS



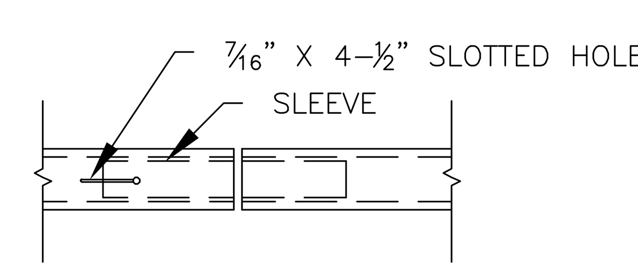
SECTION



SLEEVE



VIEW A-A



VIEW B-B

PIPE SPLICE DETAILS
NTS

CONSTRUCTION DETAILS
NO SCALE

CD-4

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REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
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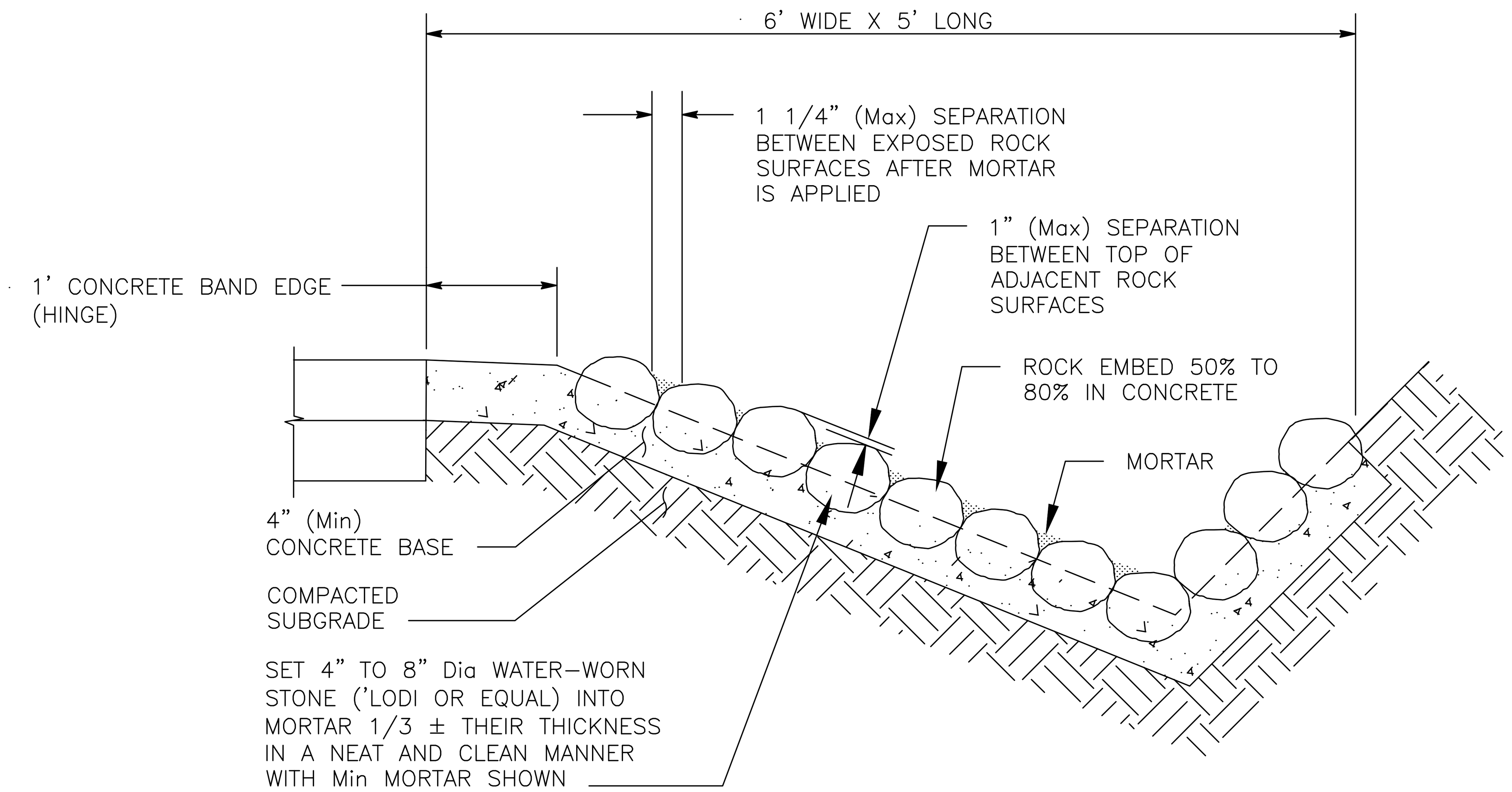
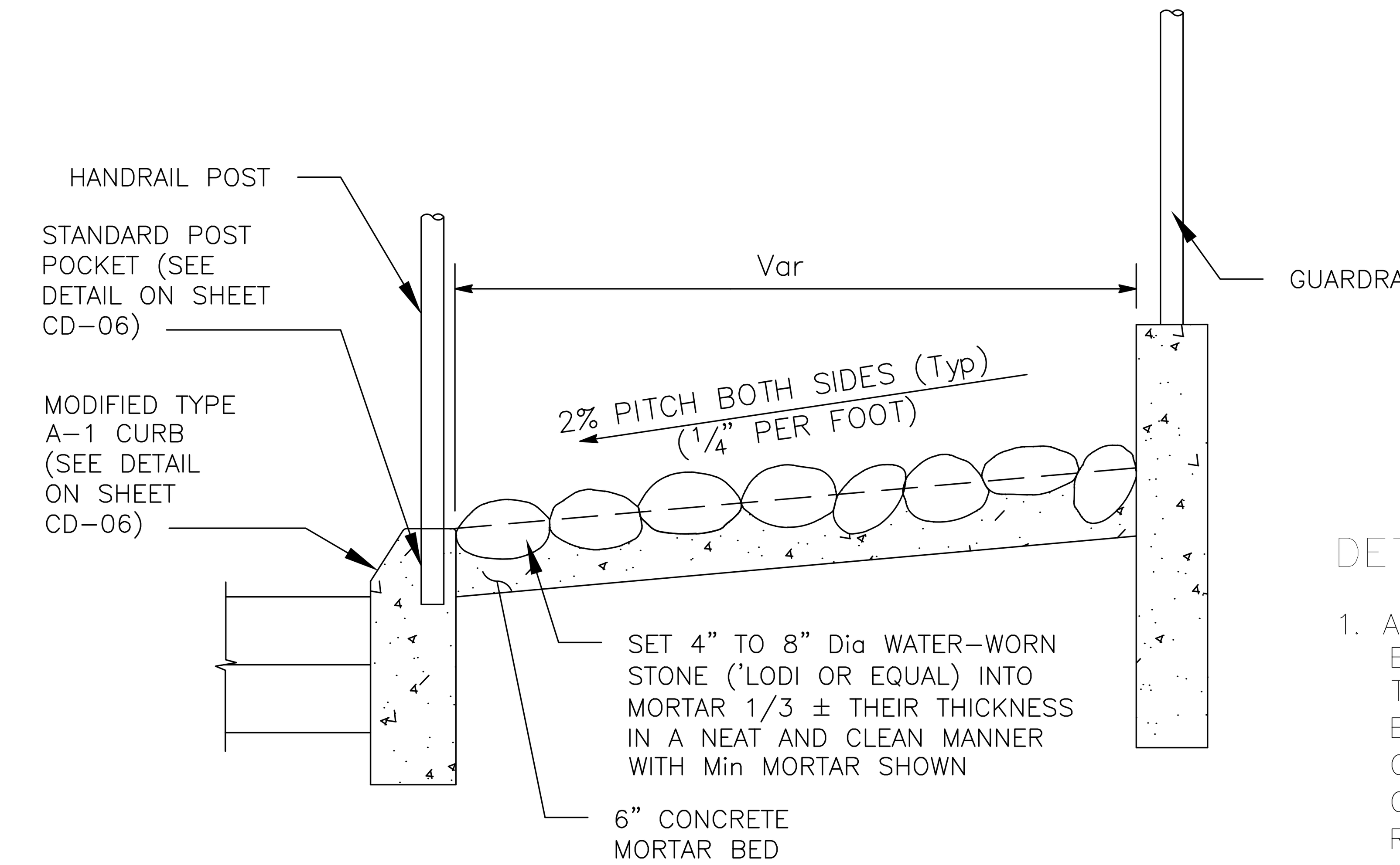


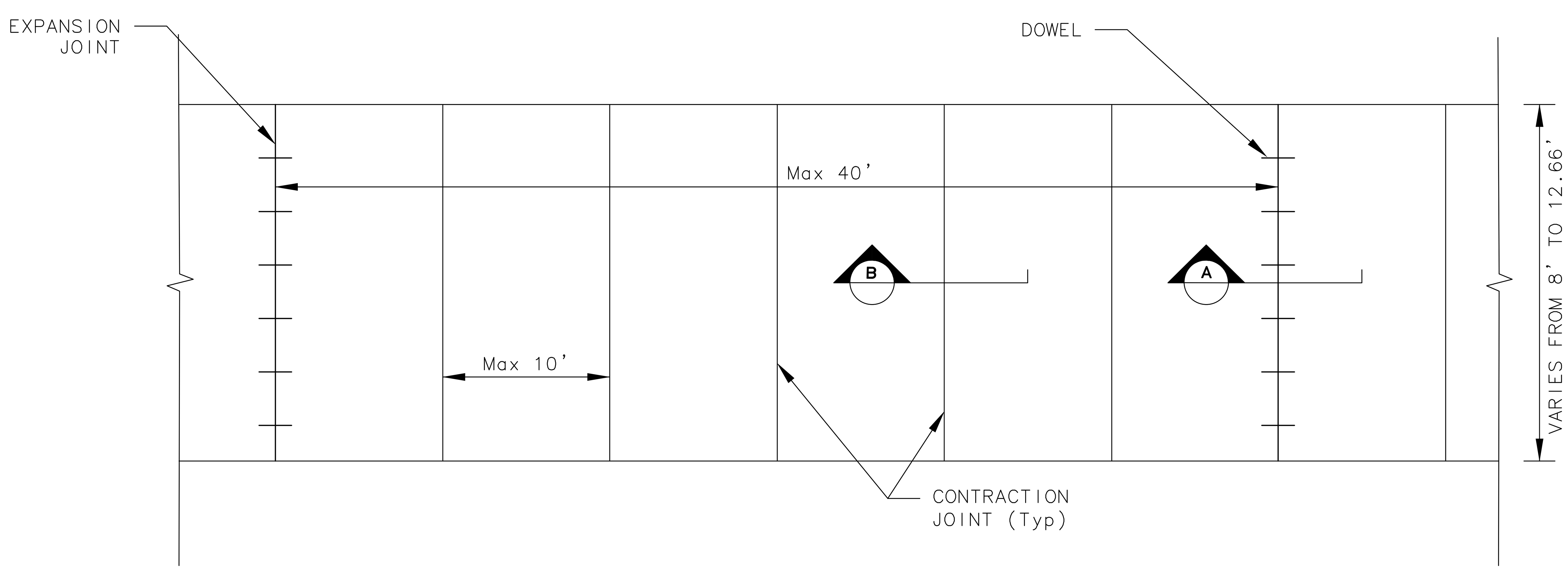
COBBLESTONE PAVING AT V-DITCH
NTS



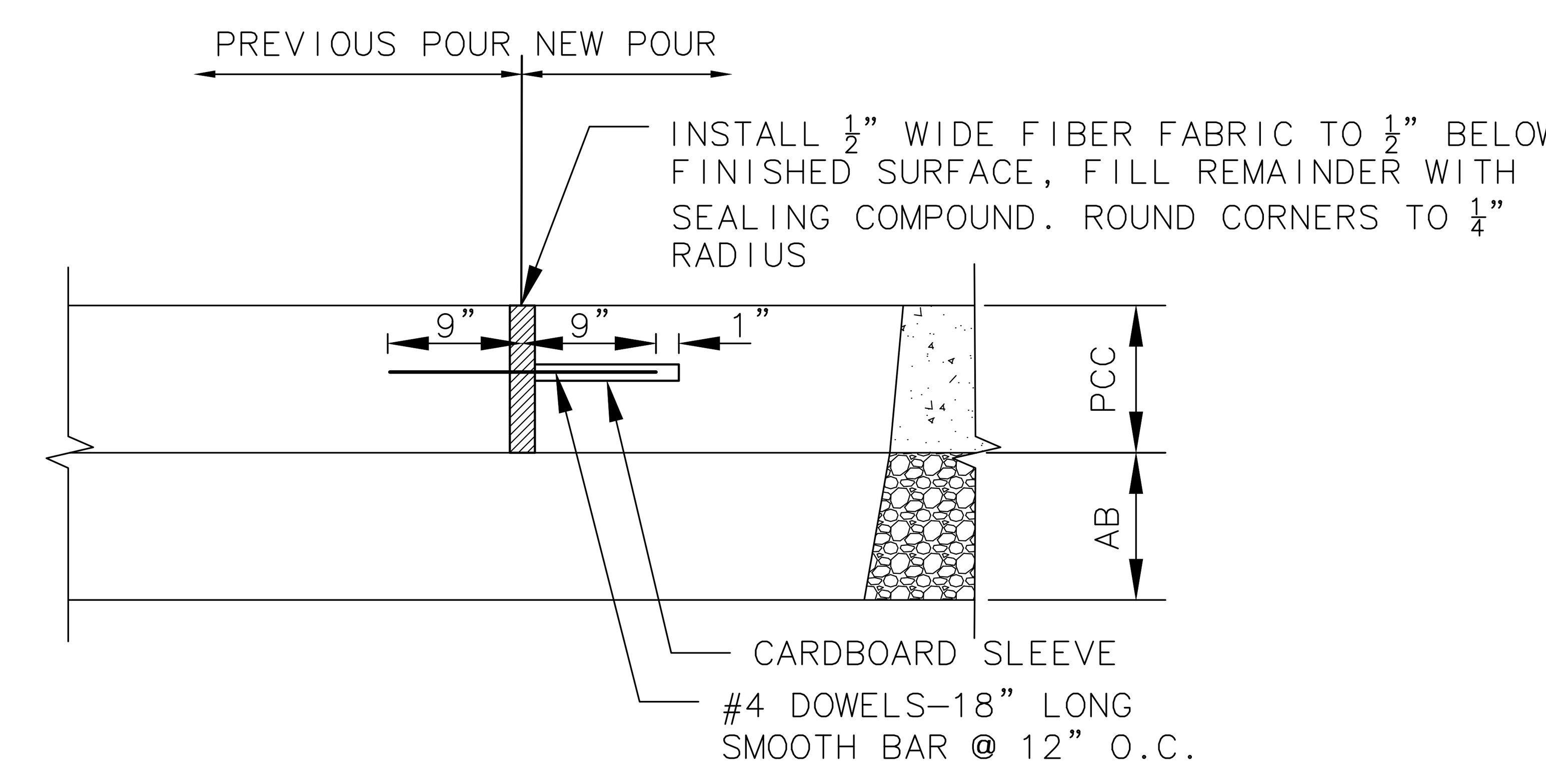
COBBLESTONE PAVING AT SWITCHBACK RAMP
NTS

DETAIL NOTES:

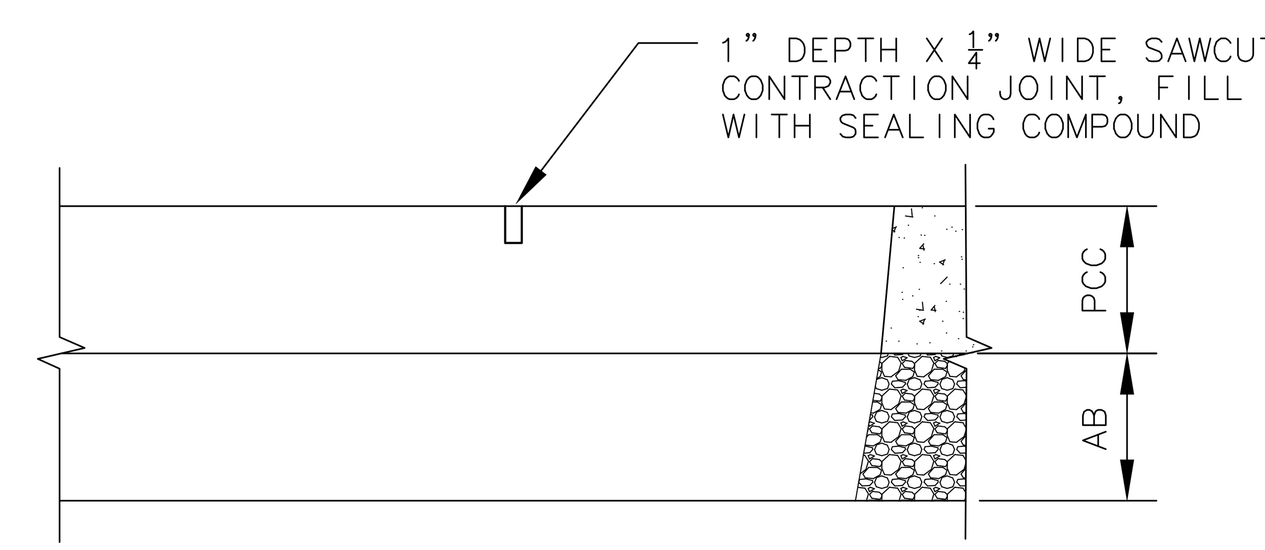
1. AFTER THE COBBLESTONE HAS BEEN SET INTO THE MORTAR, THE EXCESSIVE MORTAR IN BETWEEN THE JOINTS OF THE COBBLESTONES SHALL BE CAREFULLY REMOVED AND RAKED RAKED IN A SMOOTH JOINT (NO PROTRUSION OF MORTAR WILL BE ALLOWED).
2. SEAL FINAL SURFACE WATER SEALER.



PATHWAY SCORING & JOINTING PATTERN
PLAN VIEW



SECTION A
EXPANSION JOINT



SECTION B
CONTRACTION JOINT

CONSTRUCTION DETAILS
NO SCALE

CD-5

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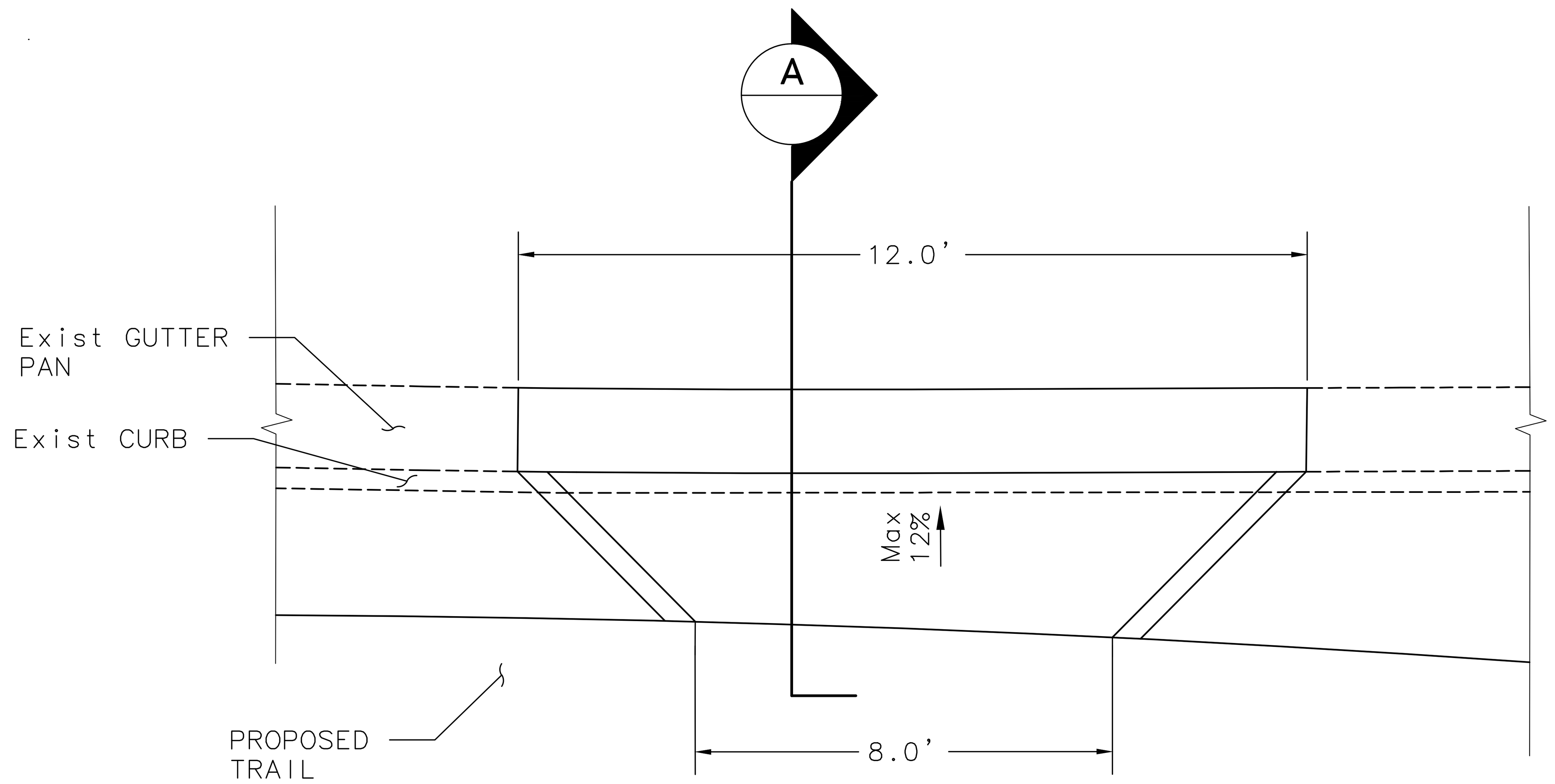
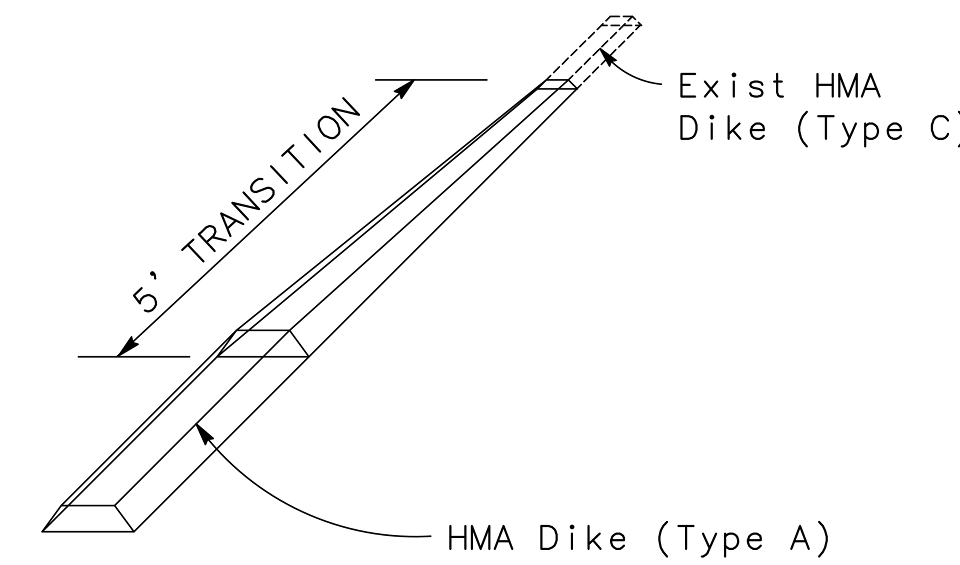
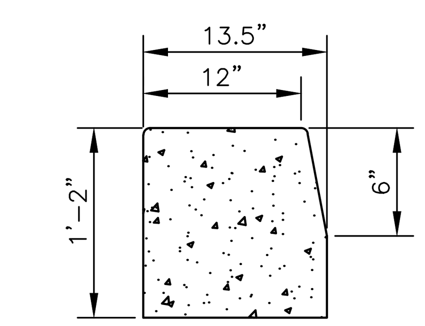


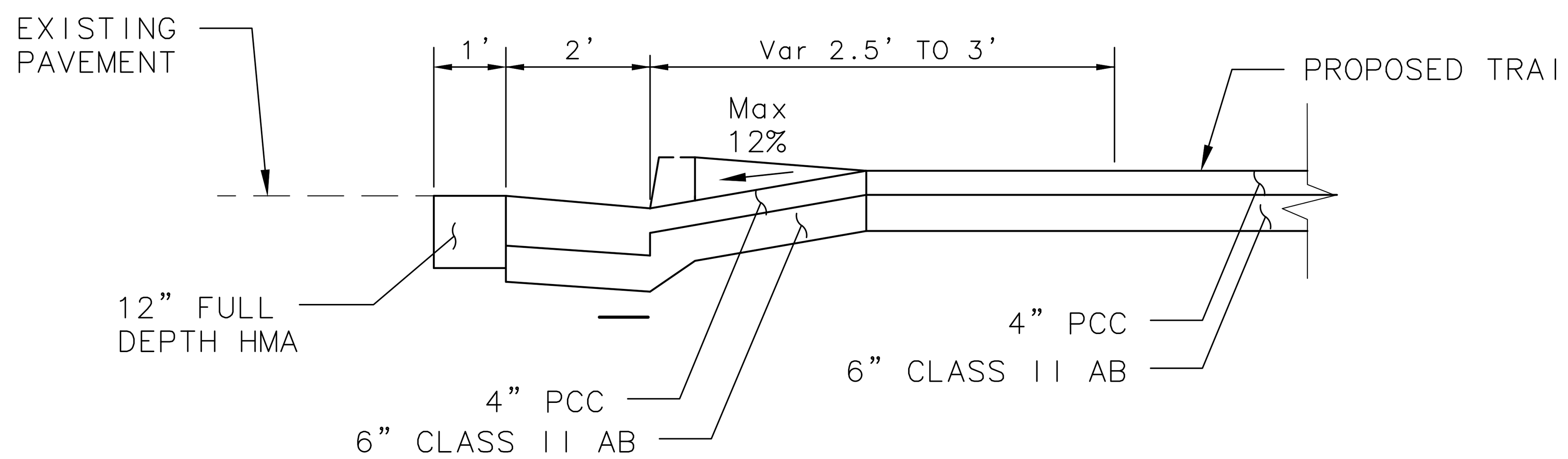
BIKE RAMP DETAIL
NTS



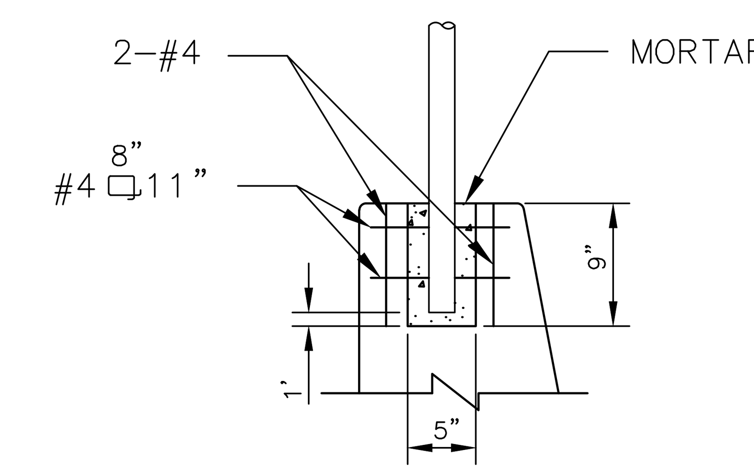
TRANSITION FROM HMA DIKE (TYPE A) TO HMA DIKE (TYPE C)
NTS



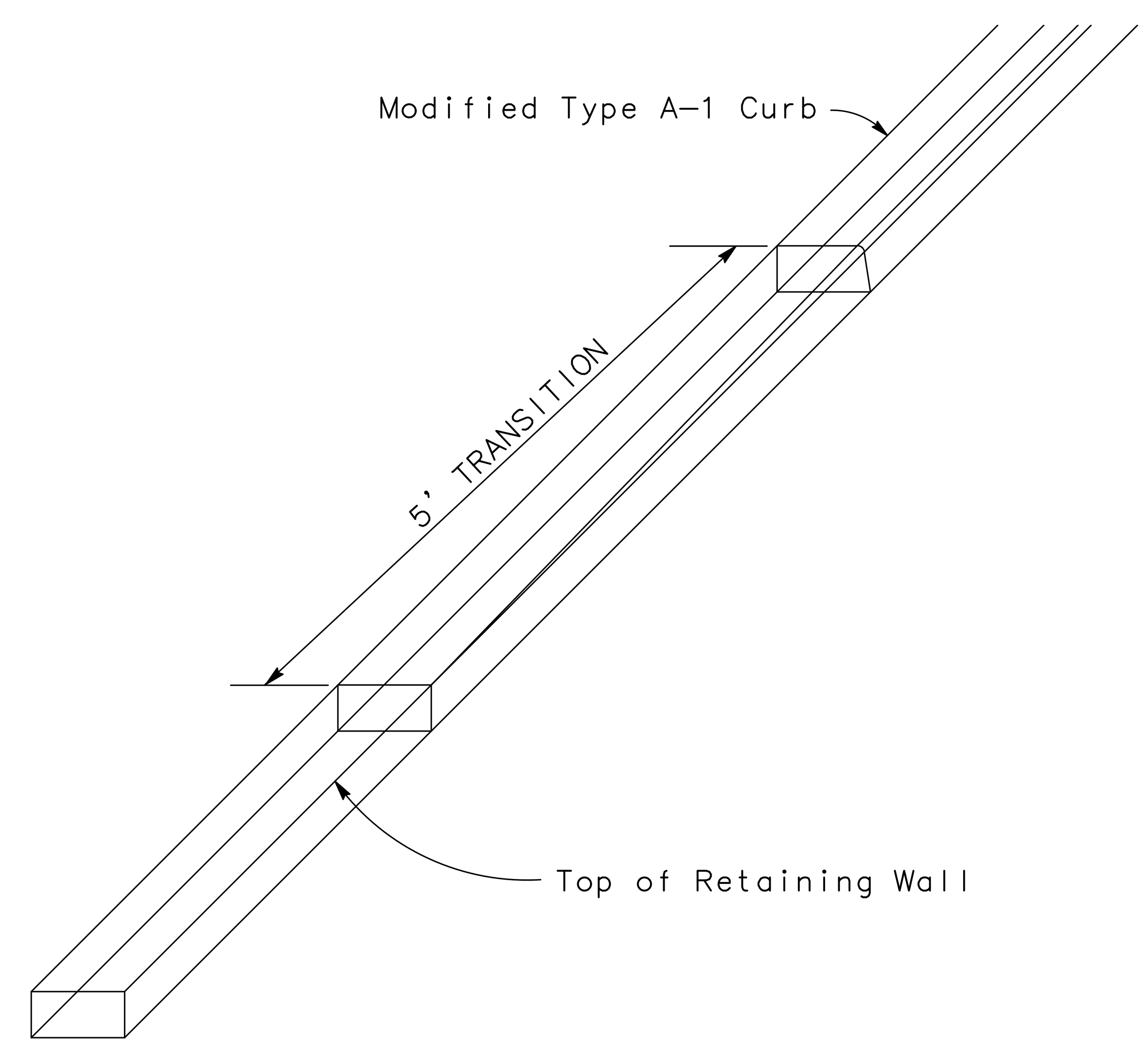
MODIFIED TYPE A-1 CURB
NTS



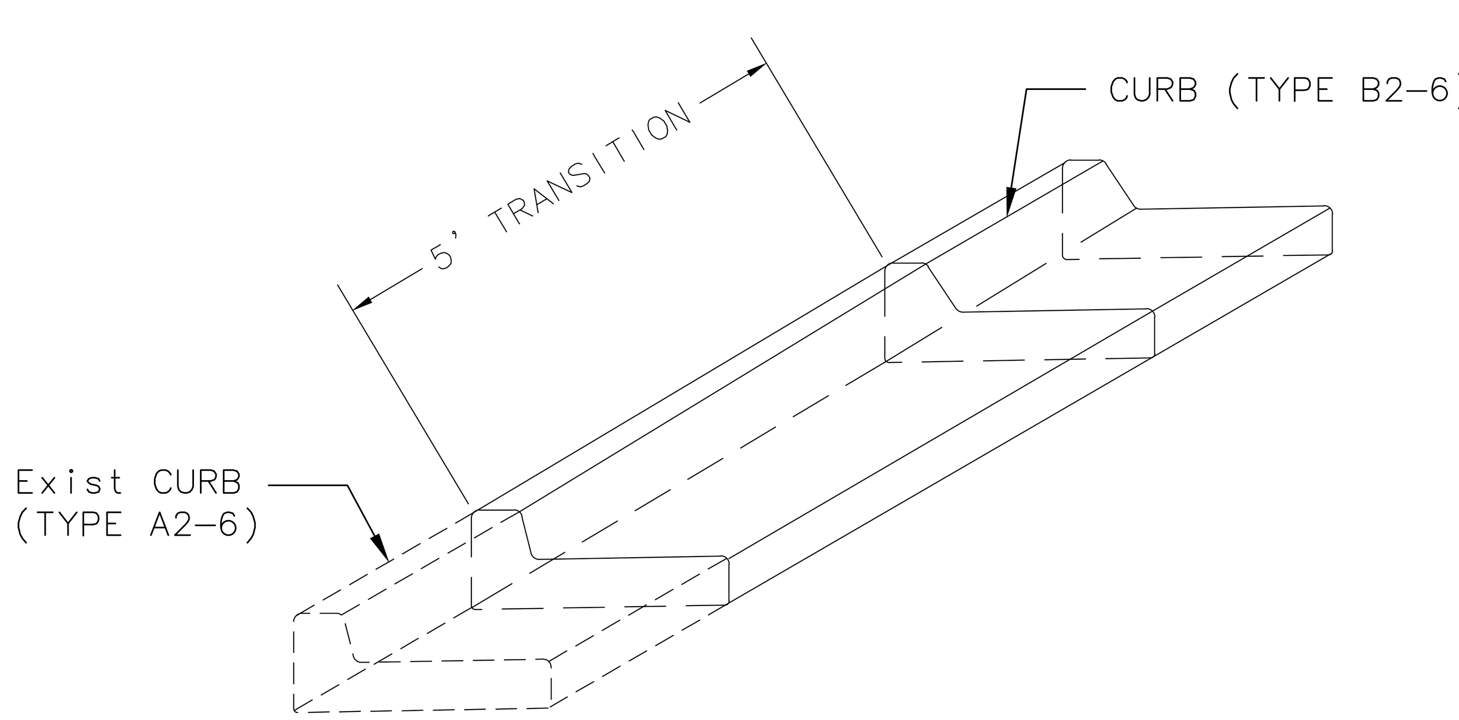
SECTION A
NTS



STANDARD POST POCKET
NTS



TRANSITION FROM RETAINING WALL TO MODIFIED TYPE A-1 CURB
NTS



TRANSITION FROM CURB (TYPE A2-6) TO CURB (TYPE B2-6)
NTS

CONSTRUCTION DETAILS
NO SCALE

CD-6

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REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => Jun 23, 2022, 4:44pm
TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	17	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ADMAS H. ZEWDIE
63469
Exp. 9-30-22
CIVIL
STATE OF CALIFORNIA

ACTIVEWAYZ ENG.
2170 The Alameda
Suite 200
San Jose, CA 95126

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

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CONSULTANT FUNCTIONAL SUPERVISOR: ADMAS ZEWDIE
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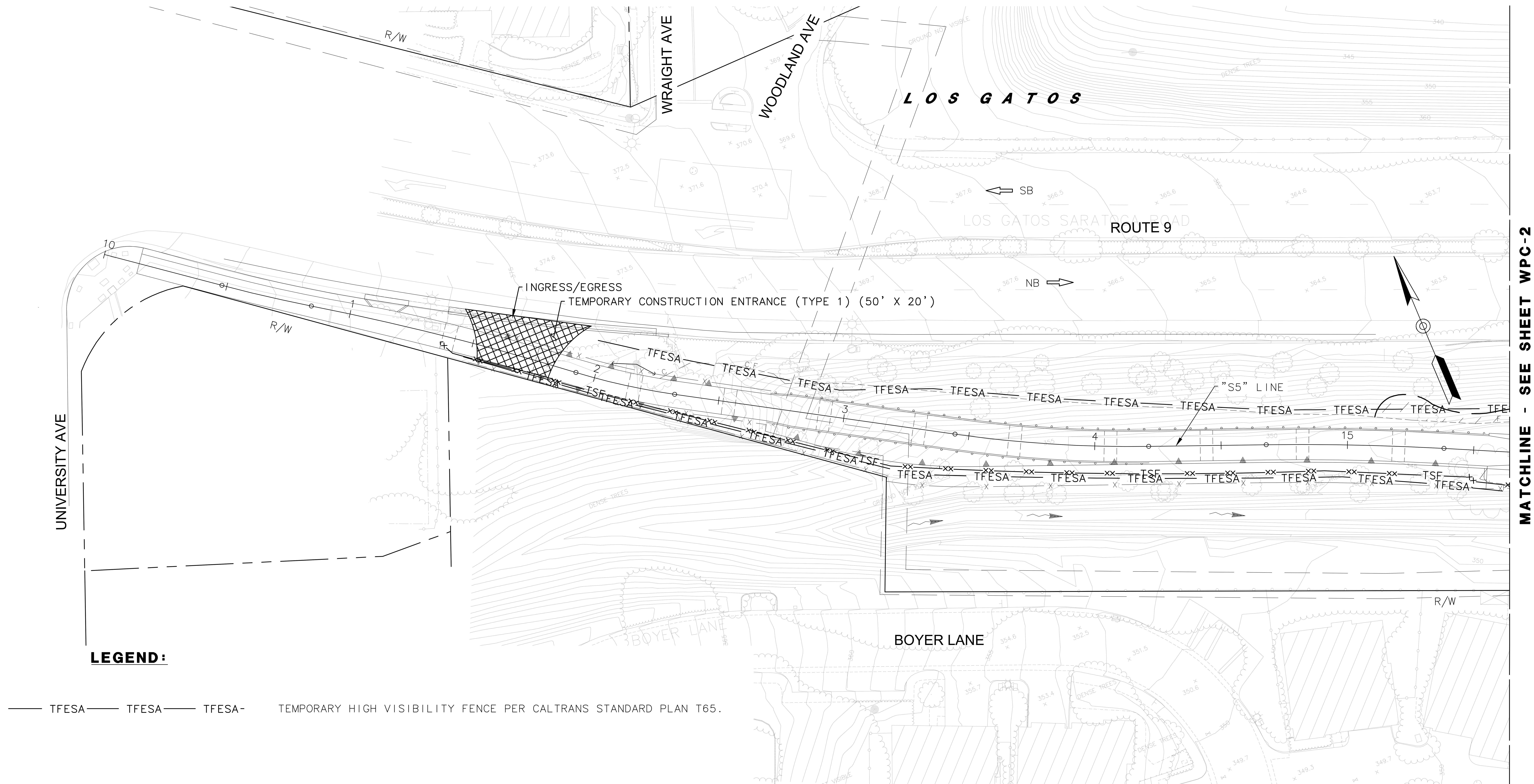

LEGEND:

—— TFESA —— TFESA —— TFESA- TEMPORARY HIGH VISIBILITY FENCE PER CALTRANS STANDARD PLAN T65.

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"= 20'

WPC-1

LAST REVISION 00-00-00 | DATE PLOTTED => October 25, 2021 | TIME PLOTTED => 5:30 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	18	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ADMAS H. ZEWDIE
63469
Exp. 9-30-22
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MATCHLINE - SEE SHEET WPC-1

NOTES:

1. PLACE TEMPORARY FIBER ROLL AT THE FENCE/PAVEMENT CORNER AND SECURE IT AGAINST FENCE.

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"= 20'

WPC-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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REVISED BY

DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => October 25, 2021
TIME PLOTTED => 5:30 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	19	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TEFERI M. ABERE
63802
Exp. 9-30-22
CIVIL
STATE OF CALIFORNIA

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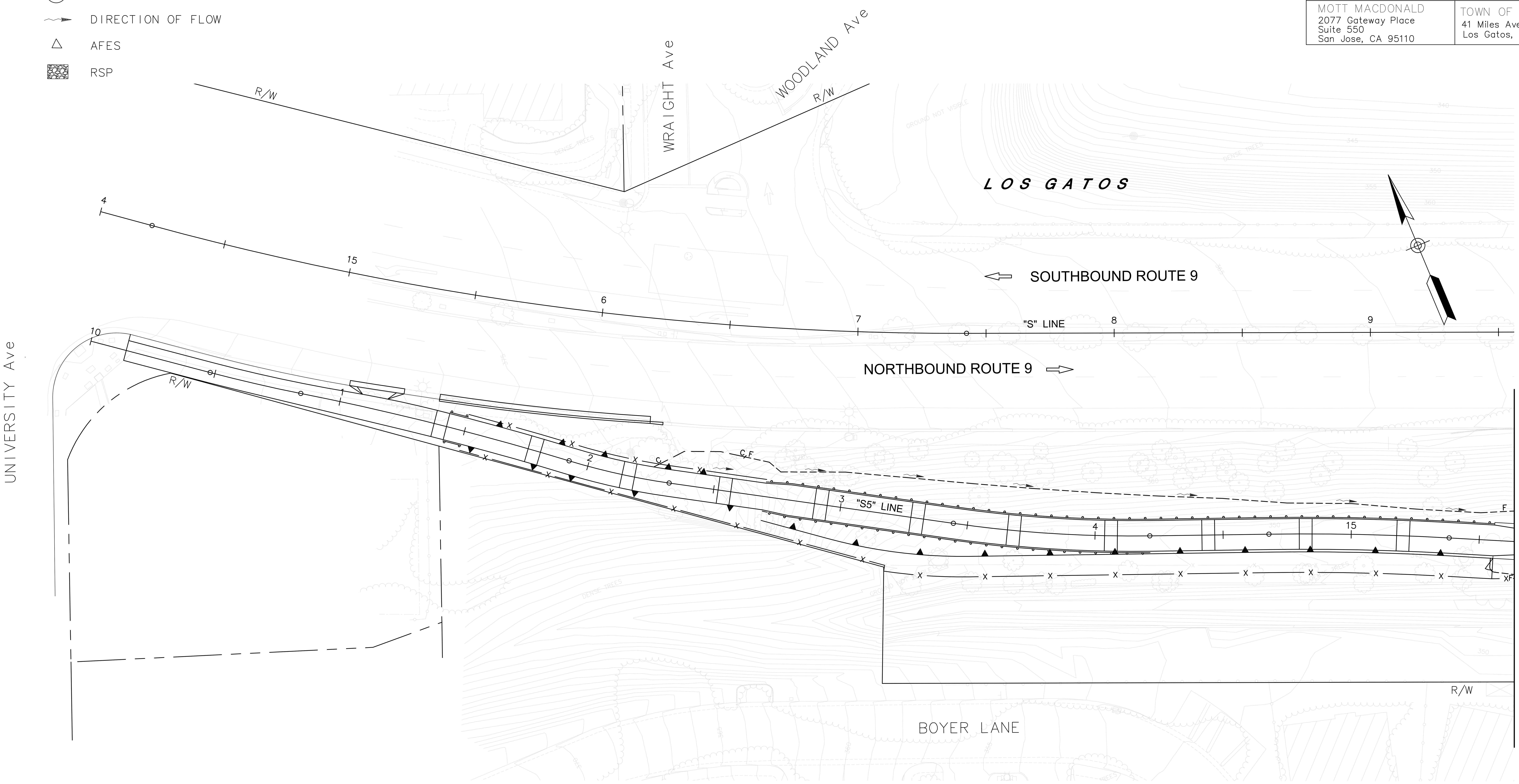
NOTE:

1. FOR ACCURATE RIGHT OF WAY, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:

- No — DRAINAGE SYSTEM NUMBER
- XX — DRAINAGE ITEM
- DIRECTION OF FLOW
- △ AFES
- RSP



DRAINAGE PLAN
SCALE: 1"=20'

APPROVED FOR DRAINAGE WORK ONLY

D-1

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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DATE PLOTTED => Jun 20, 2022, 3:50pm
TIME PLOTTED =>
LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	20	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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NOTE:

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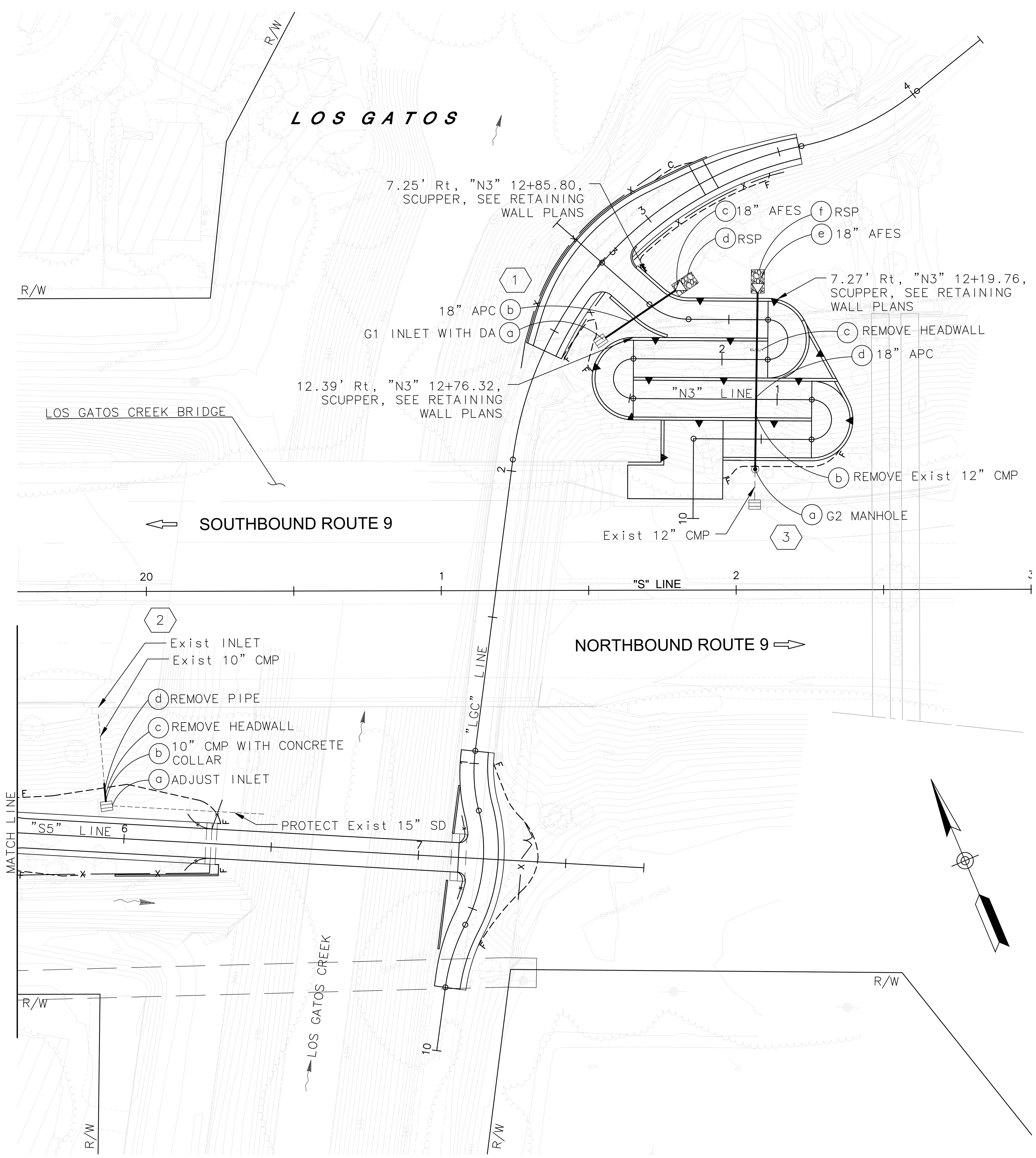

LEGEND:

No	DRAINAGE SYSTEM NUMBER
XX	DRAINAGE ITEM
	DIRECTION OF FLOW
△	AFES
	RSP
	Exist DROP INLET
-------	Exist STORM DRAIN
——	NEW STORM DRAIN
⊙	NEW STORM DRAIN MANHOLE

ABBREVIATIONS

AFES	ALTERNATIVE FLARED END SECTION
DA	DEPRESSION APRON

DRAINAGE PLAN

SCALE: 1"=20'

APPROVED FOR DRAINAGE WORK ONLY

D-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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TIME PLOTTED =>

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04	SCl	9	11.2,11.3	21	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

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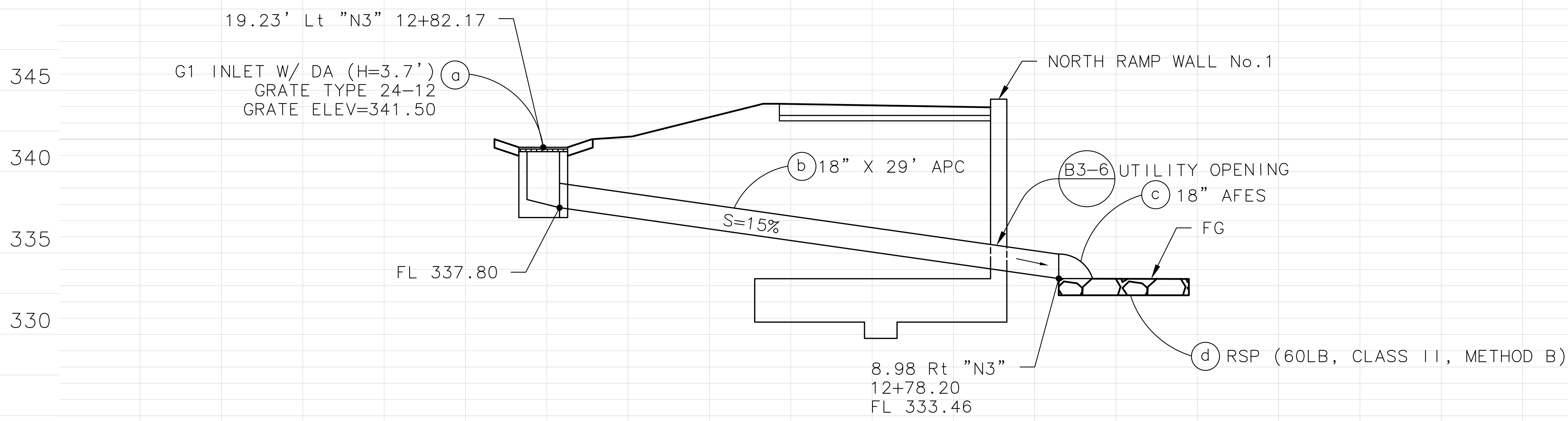
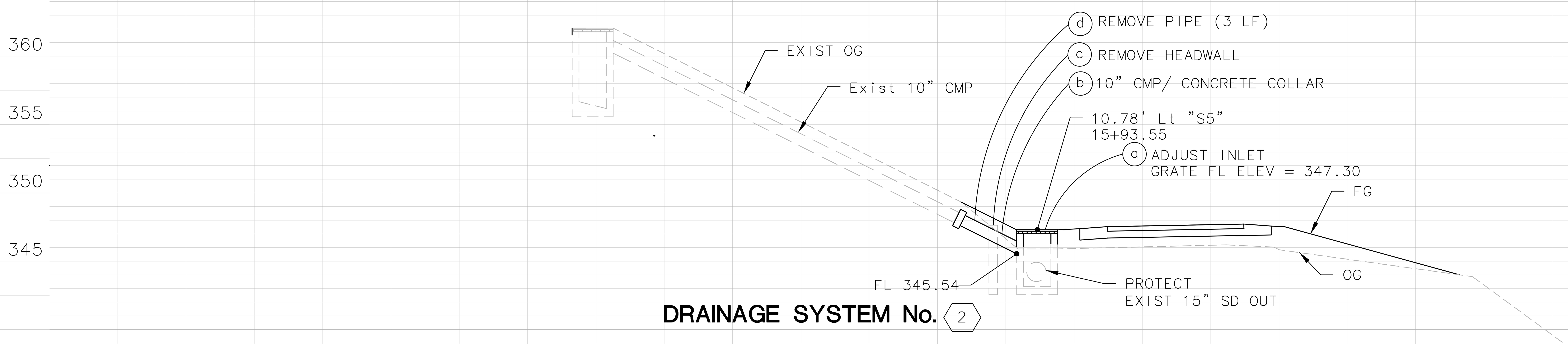
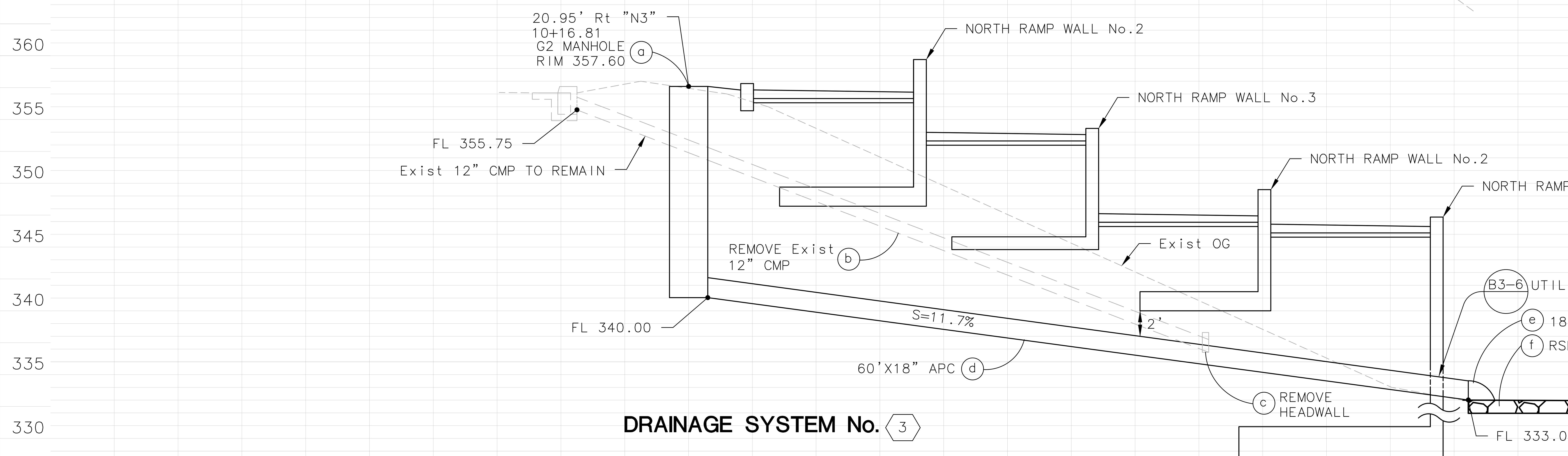


DRAINAGE SYSTEM No. 1



DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 3

DRAINAGE PROFILE

SCALE: (H)1"=5'; (V)1"=5'

DP-1

STATION		TOTAL
CY Exc		
CY Emb		

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	22	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

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San Jose, CA 95110

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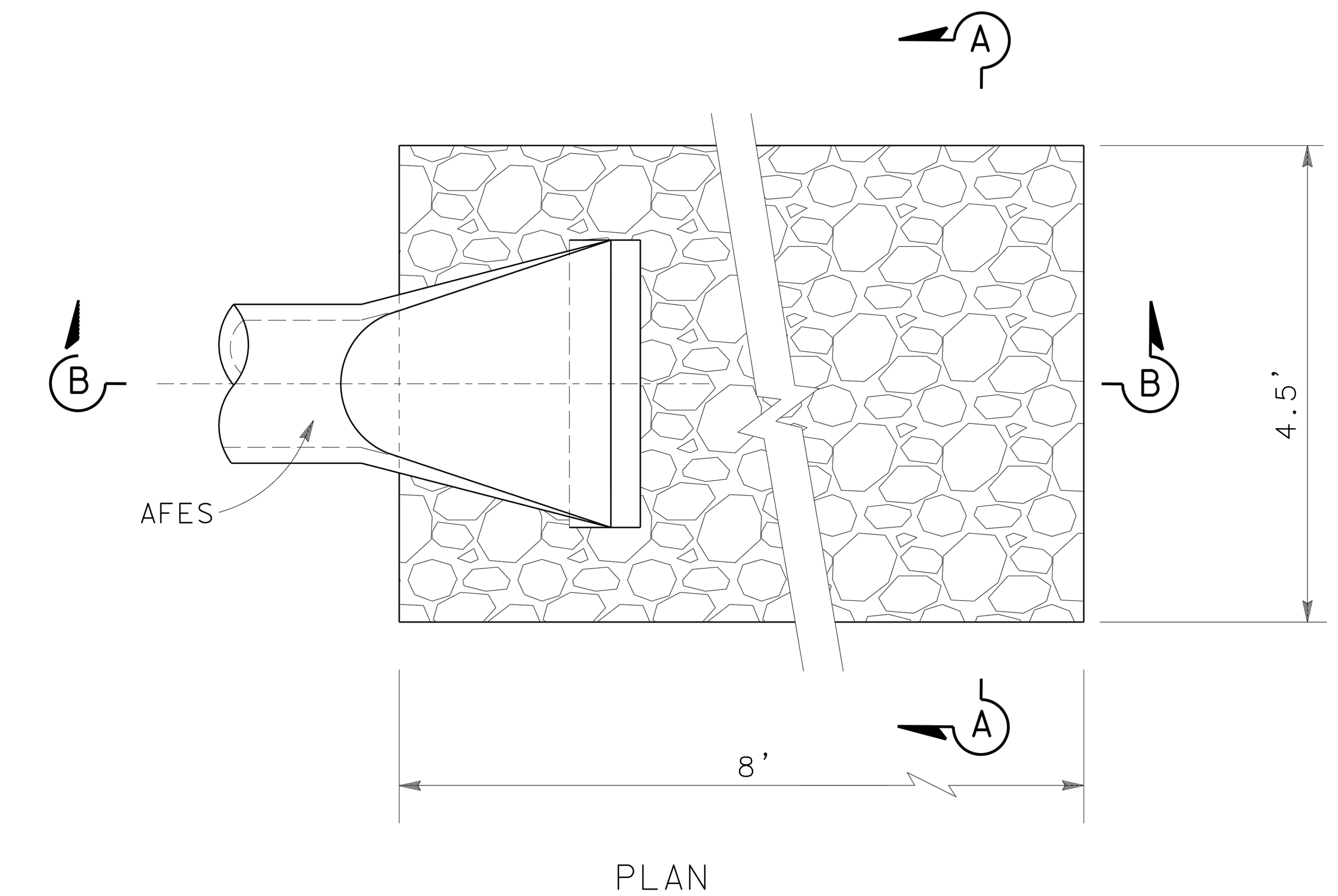
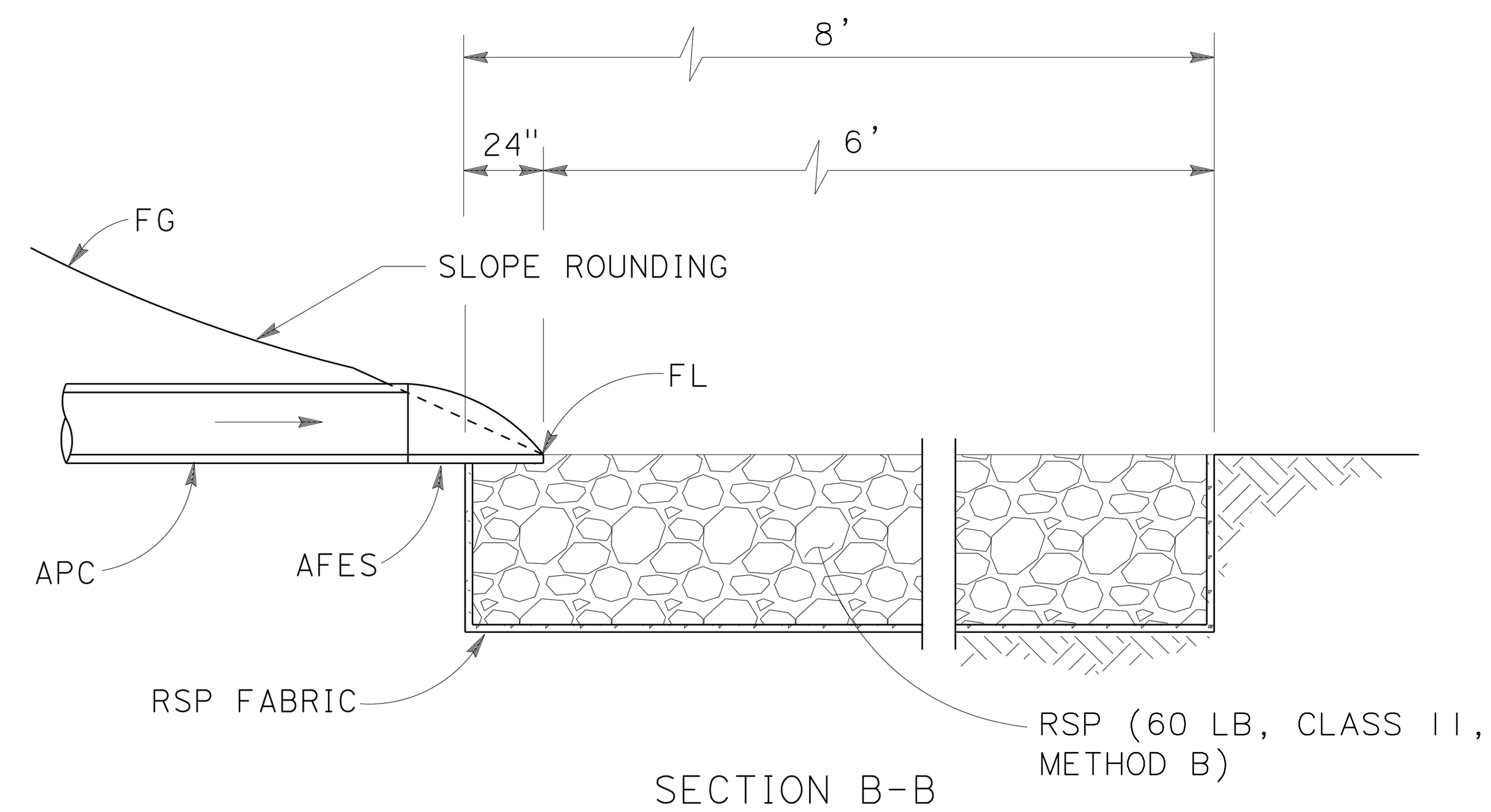
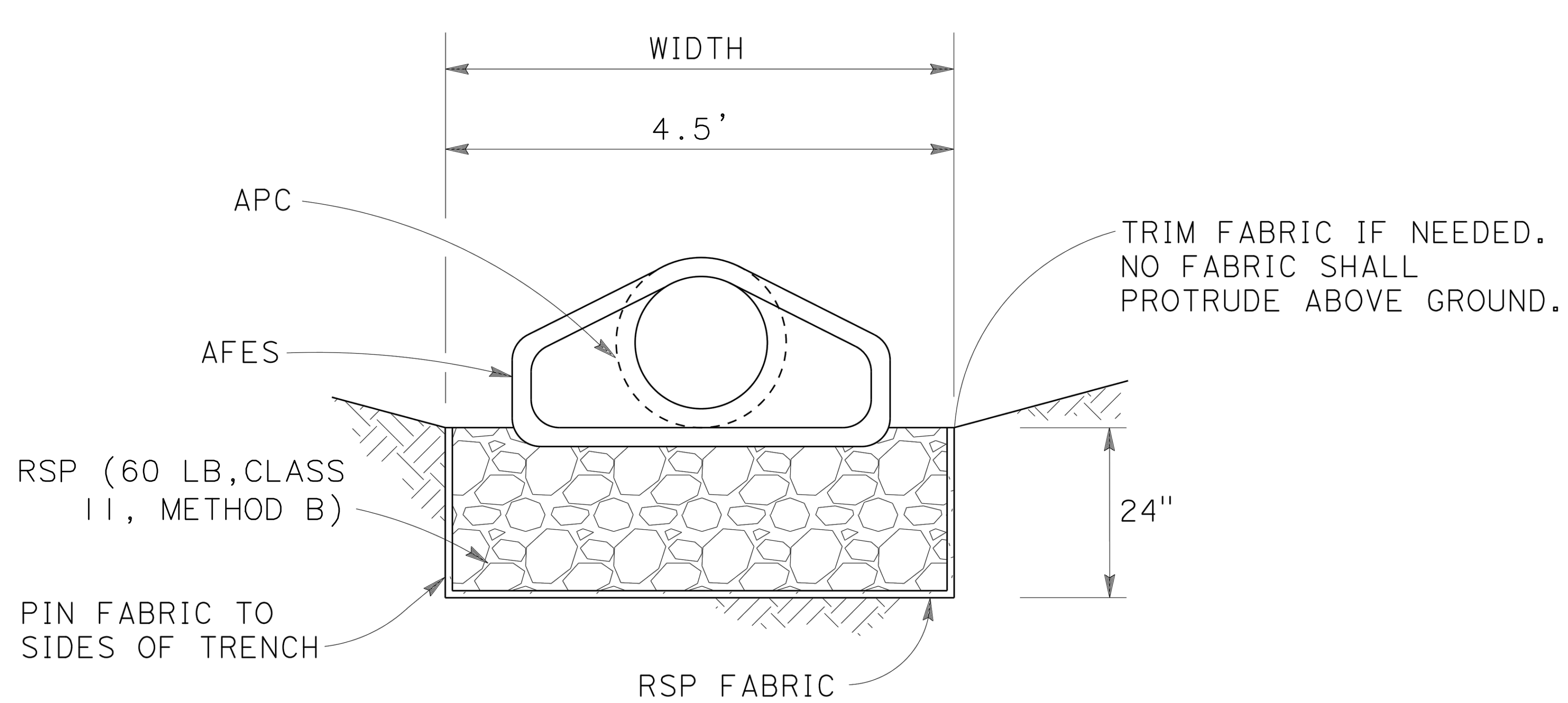


PLAN



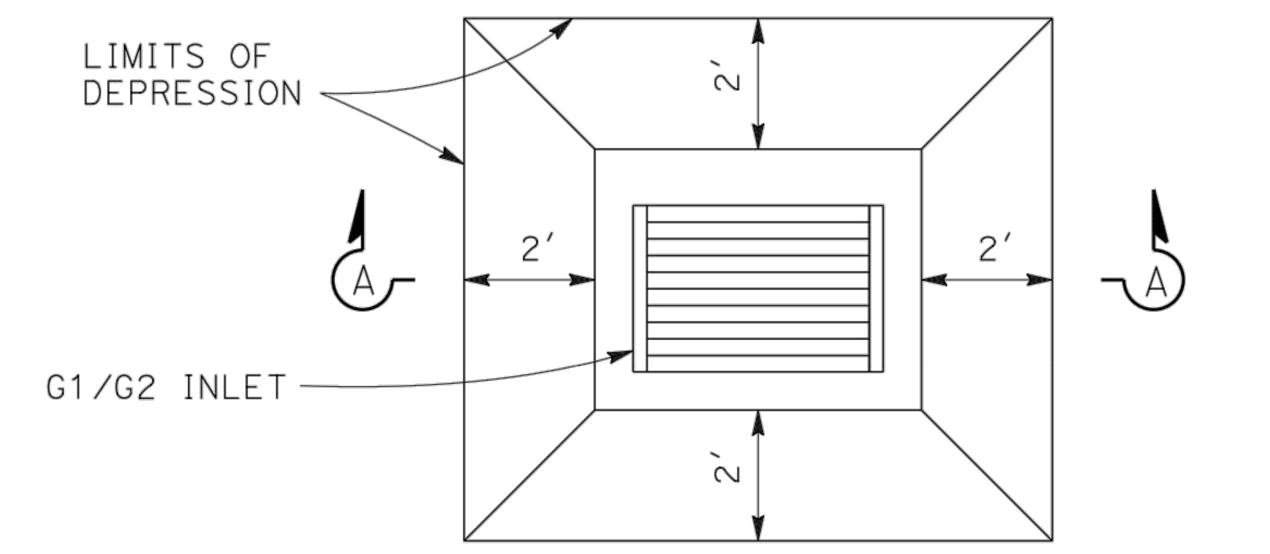
SECTION B-B



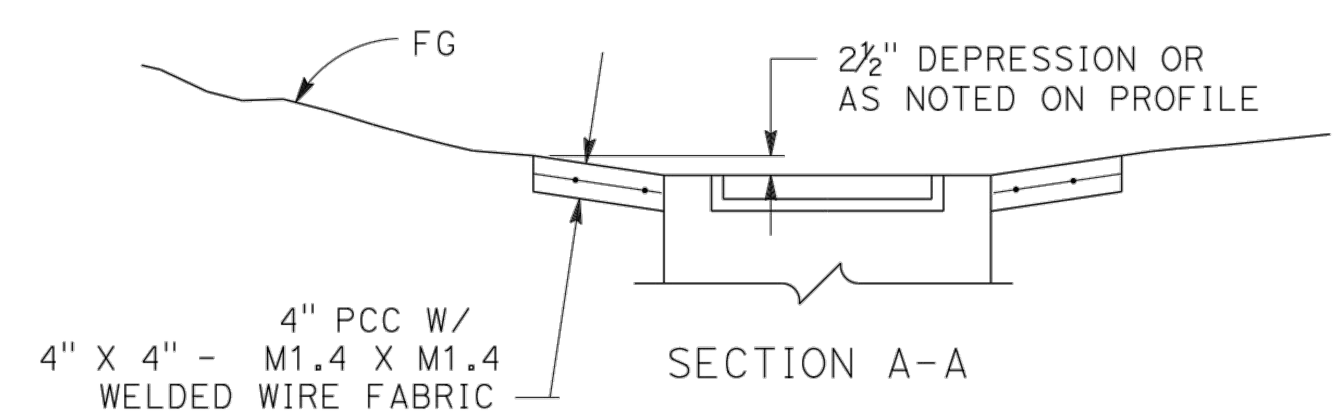
SECTION A-A

ENERGY DISSIPATOR

1 c 3 e



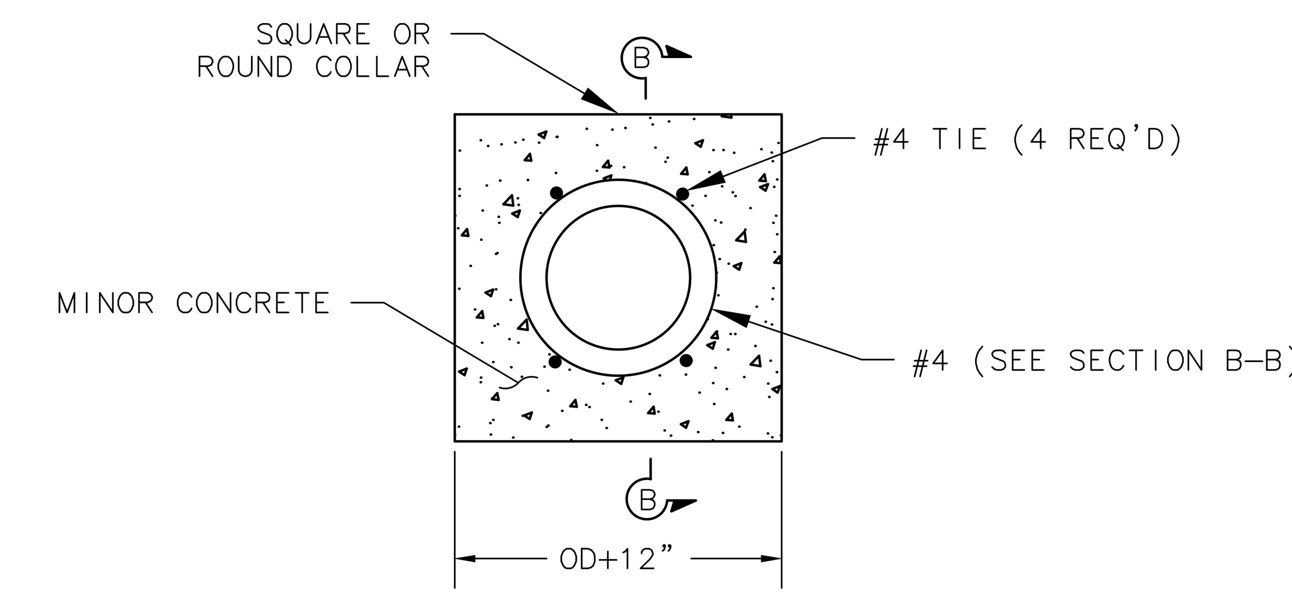
PLAN

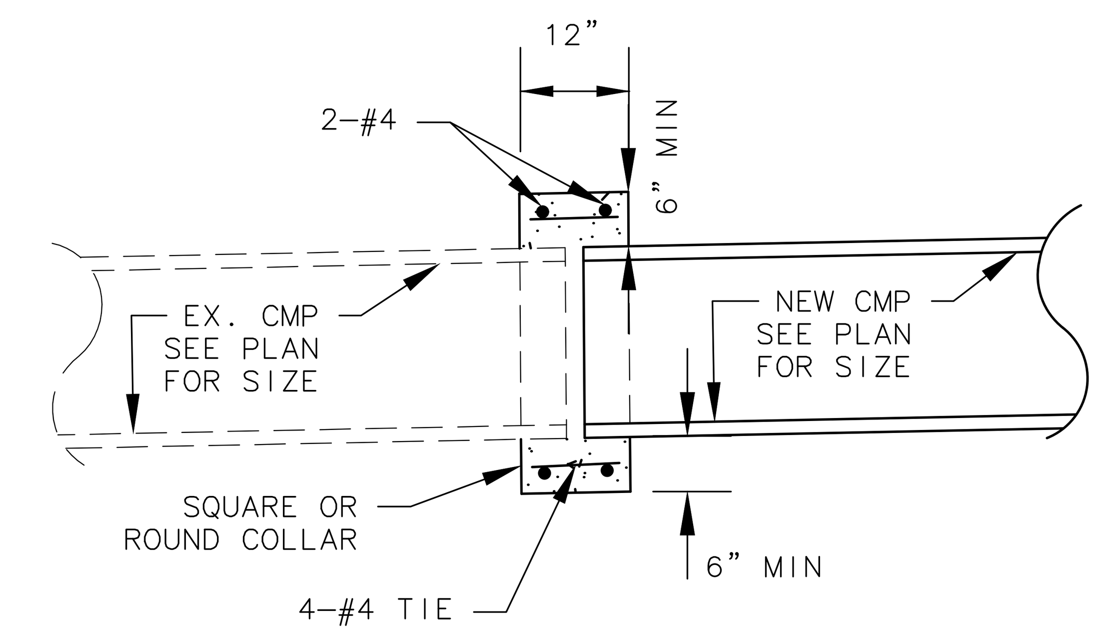


SECTION A-A

DEPRESSION APRON

1 a

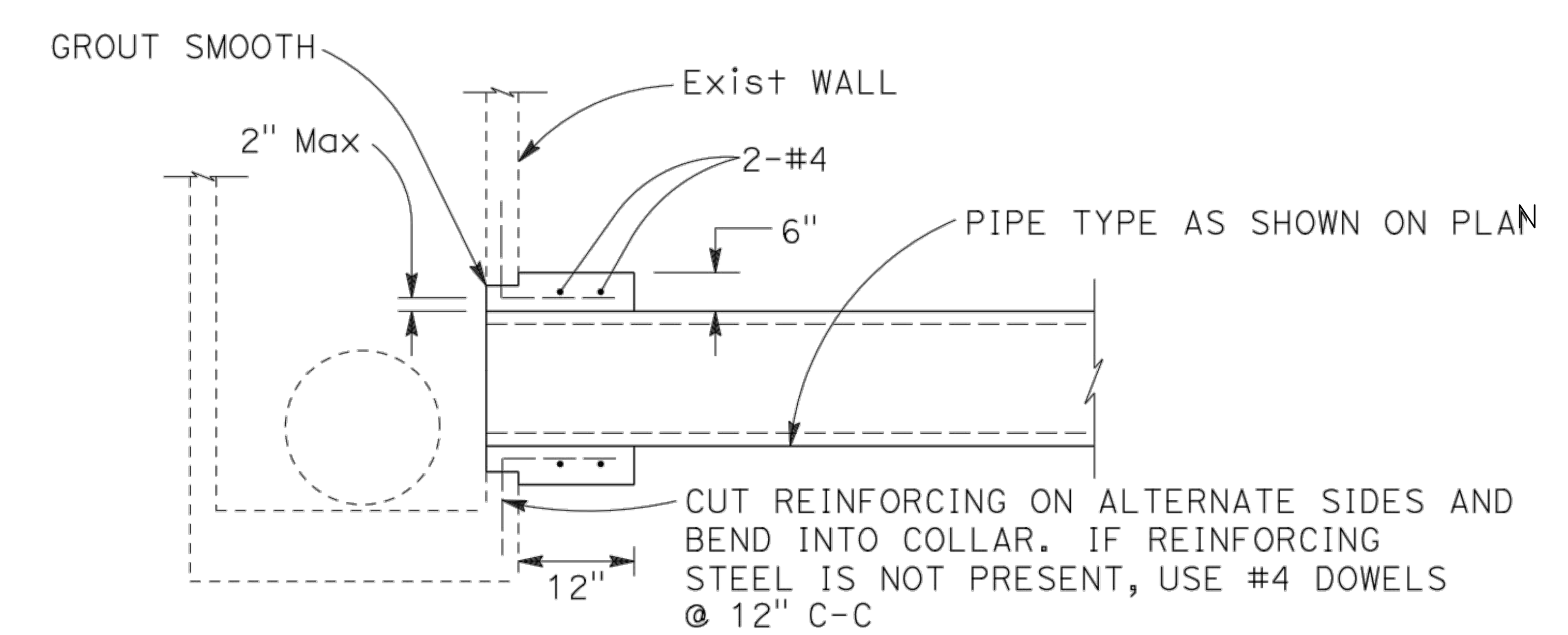




SECTION B-B

TYPICAL CONCRETE COLLAR

2 b



PIPE CONNECTION TO EXISTING DRAINAGE STRUCTURE

2 a

DRAINAGE DETAILS

NO SCALE

DD-1

REVISED BY	DATE REVISED
JORDAN CHO	TOMMY CHO
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	TEFERI ABERE

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TIME PLOTTED =>
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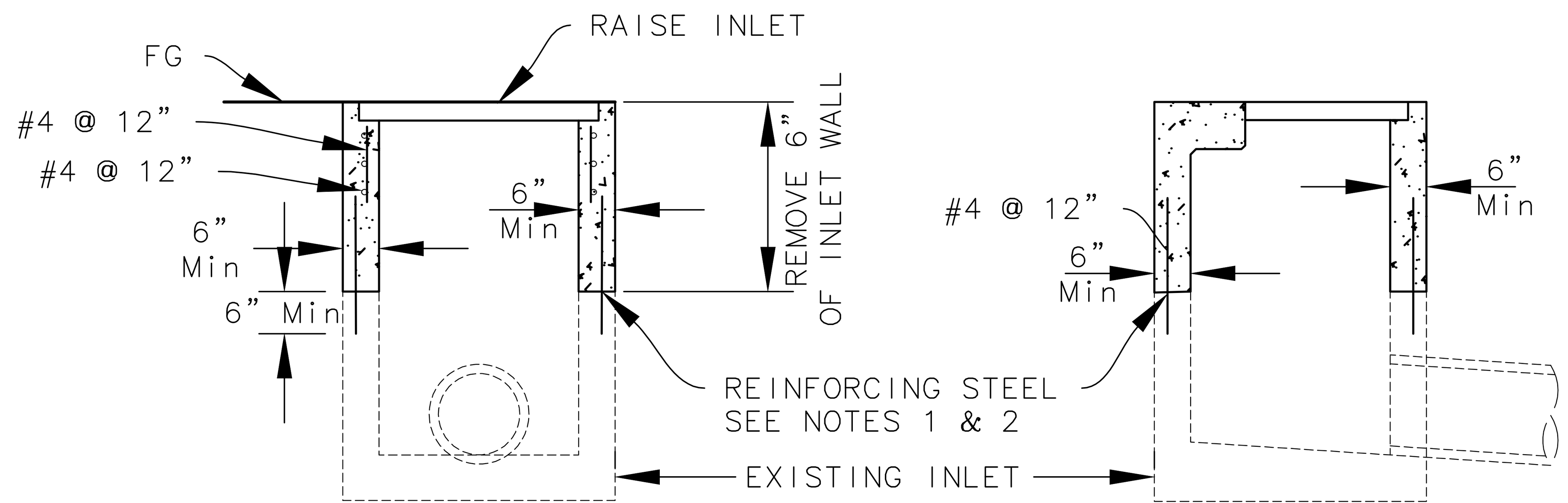
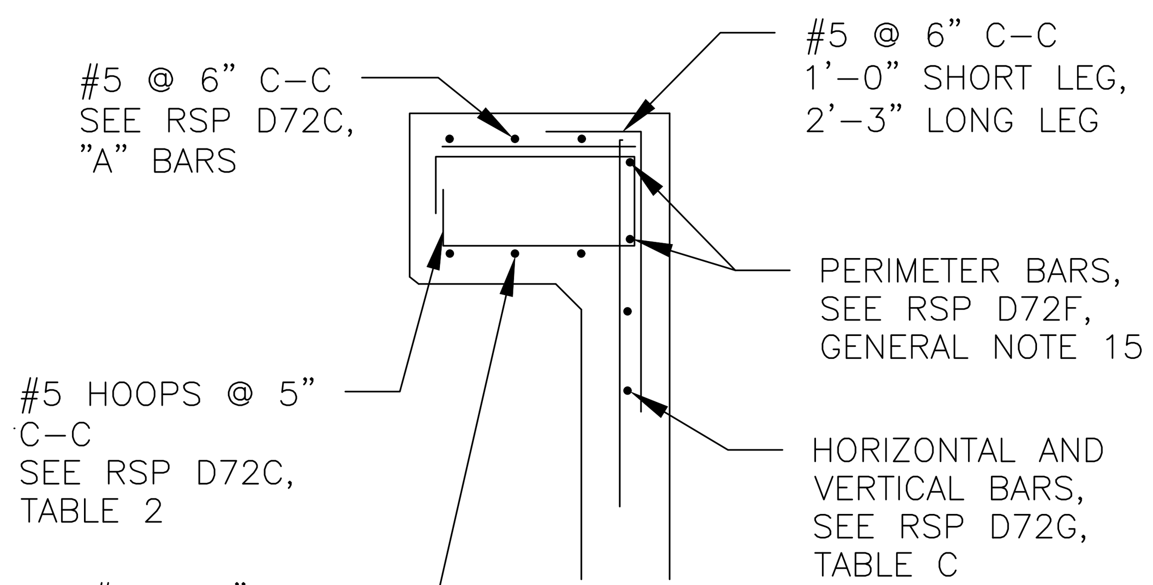


RAISE INLET

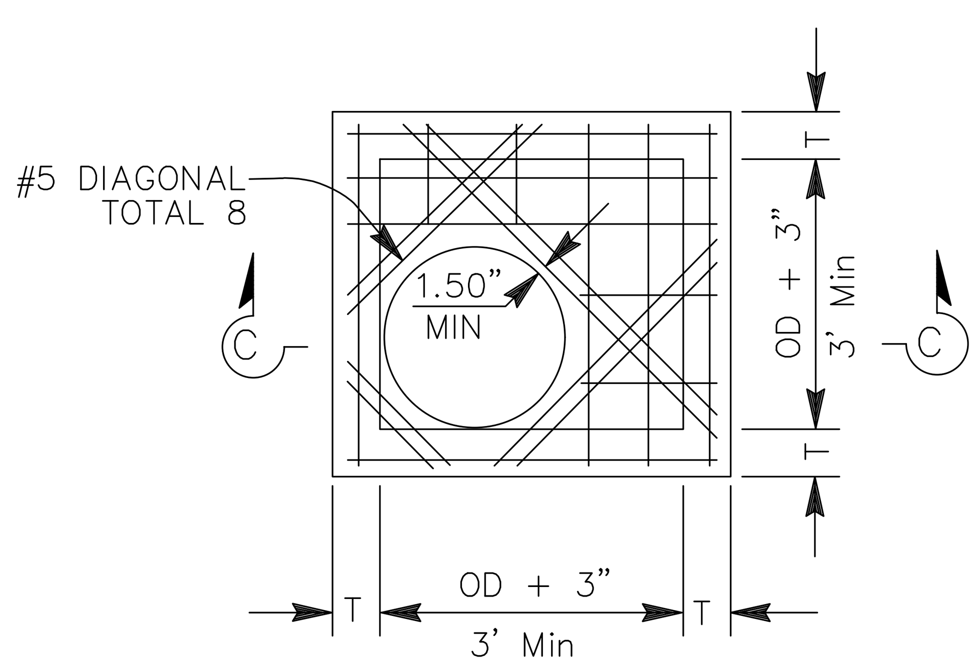
2 a

NOTES:

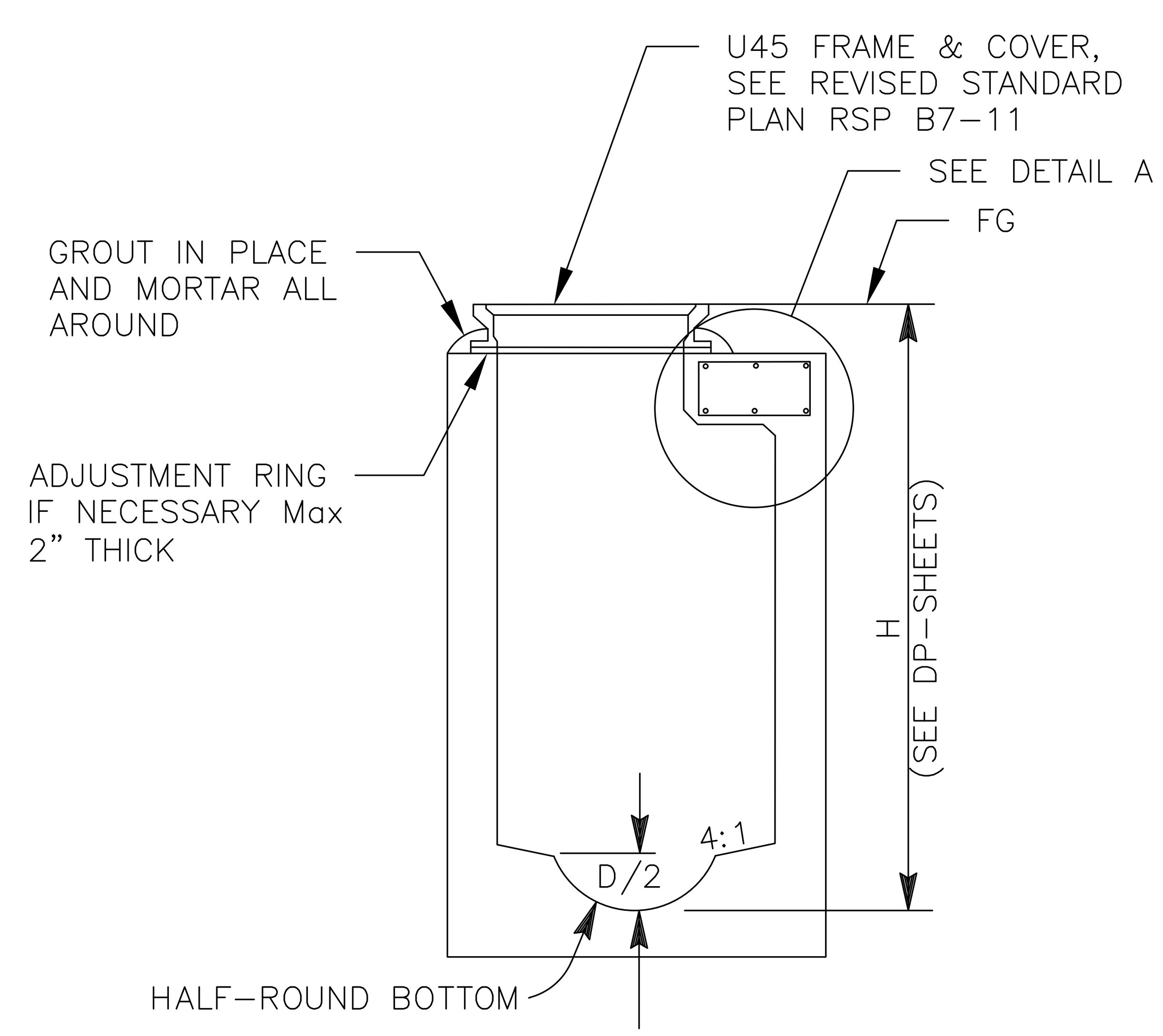
1. USE EXISTING REINFORCING STEEL WHEN JOINING NEW CONCRETE TO EXISTING CONCRETE. OTHERWISE USE #4 DOWEL @ 12", 2 PER WALL.
2. ALL DOWELS AT JOINTS BETWEEN EXISTING AND NEW CONCRETE SHALL BE EMBEDDED 6" MIN INTO EXISTING CONCRETE.



DETAIL A



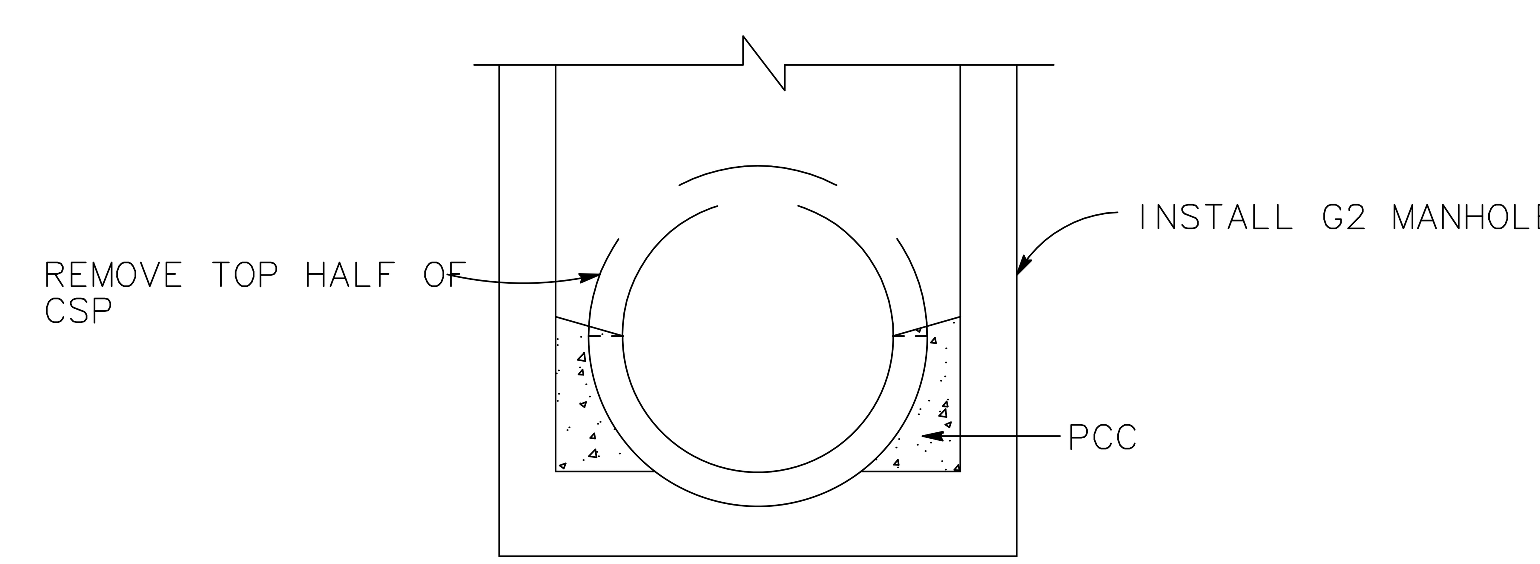
PLAN



SECTION C-C

G2 MH DETAIL

3 a



DRAINAGE MANHOLE ON EXISTING CSP

3 a

DRAINAGE DETAILS

NO SCALE

DD-2

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LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022, 4:01pm
TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	24	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ADMAS H. ZEWDIE 63469 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

ACTIVEWAYZ ENG.
2170 The Alameda
Suite 200
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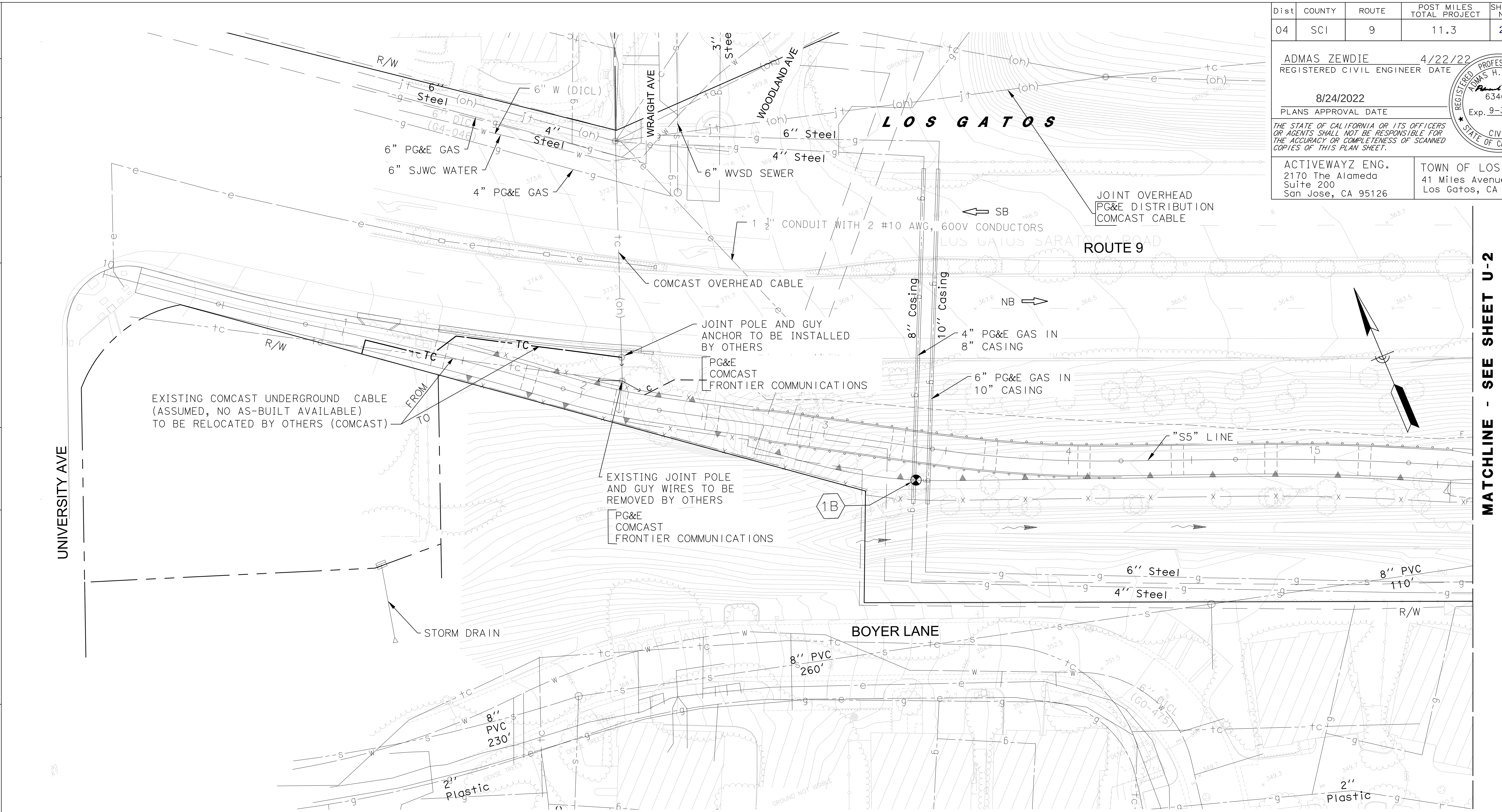
TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030



LEGEND:

POTHOLE LOCATION

ABBREVIATIONS:

PG&E – PACIFIC GAS AND ELECTRIC
SJWC – SAN JOSE WATER COMPANY
WVSD – WEST VALLEY SANITATION DISTRICT

NOTES:

1. LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. UTILITY COMPANIES AND USA SHALL BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION WITHIN THE PROJECT AREA.

No.	DESCRIPTION	APPROXIMATE LOCATION	EXISTING GROUND ELEVATION	DEPTH
1B	8" STEEL PIPE (GAS)	"S5" LINE 13+39.7,13.45Rt	352'-0"	105"

TO BE USED FOR UTILITY INFORMATION ONLY

UTILITY PLANS AND DETAILS

SCALE: 1"= 20'

U-1

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
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CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
ADMAS ZEWDIE	MERON G.	MERON G.		

LAST REVISION 00-00-00 DATE PLOTTED => November 2, 2021 TIME PLOTTED => 5:50 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	25	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

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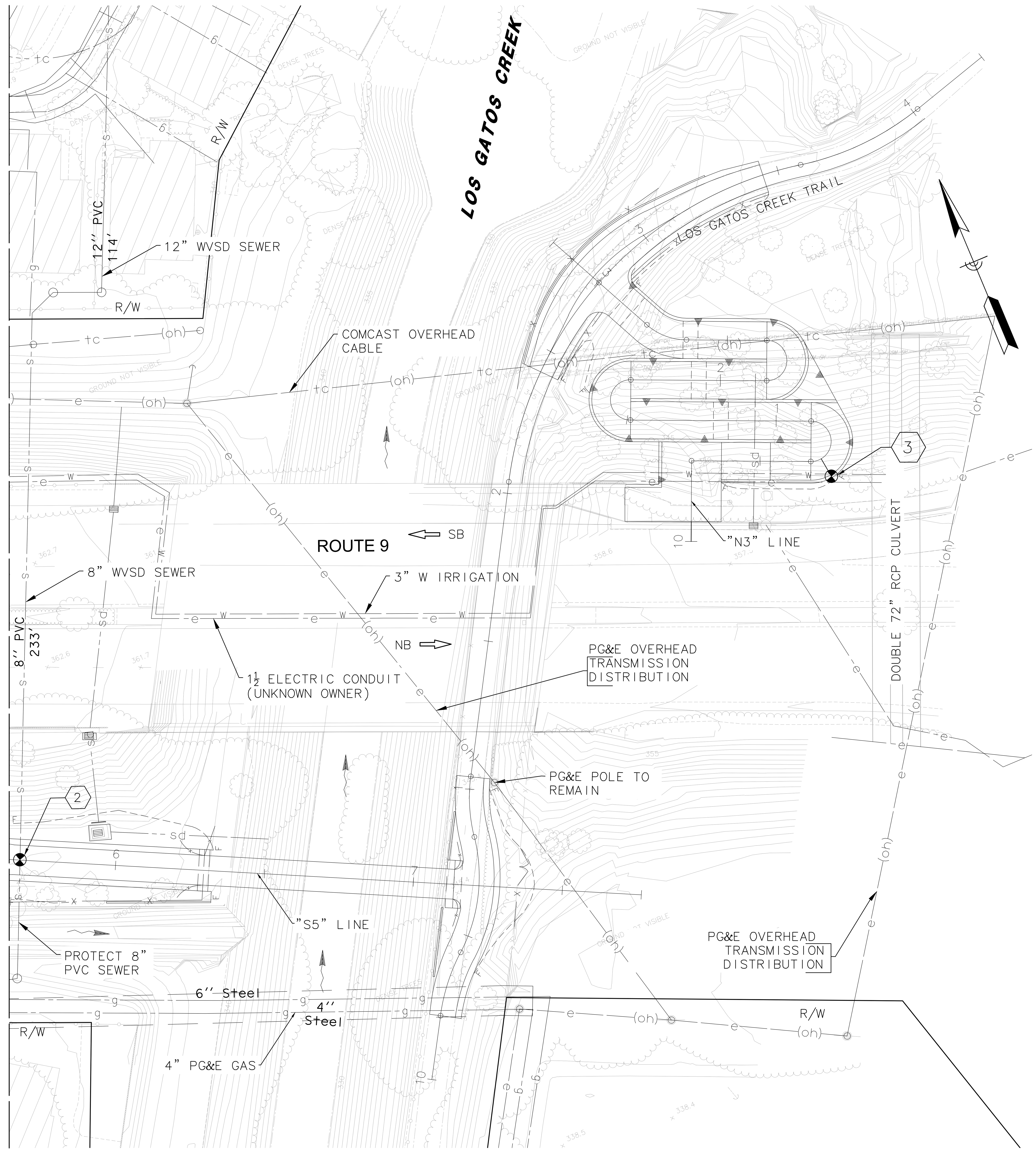
NOTES:
FOR NOTES & ABBREVIATIONS, SEE SHEET U-1.



No.	DESCRIPTION	APPROXIMATE LOCATION	EXISTING GROUND ELEVATION	DEPTH
2	8" (SEWER) (NOT FOUND	"S5" LINE 15+68.0	347'-0"	115'' CLEAR
3	2" PVC ELECTRIC	"N3" LINE 10+71, 6.88Rt	356'-0"	23''

TO BE USED FOR UTILITY INFORMATION ONLY

UTILITY PLANS AND DETAILS
SCALE: 1"= 20'

U-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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REVISED BY
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DATE PLOTTED => November 2, 2021
TIME PLOTTED => 5:50 AM
LAST REVISION 00-00-00

BORDER LAST REVISED 7/2/2010
USERNAME => MERON
DGN FILE => 2019-012_UTILITY.DWG
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 00000000001

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	26	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

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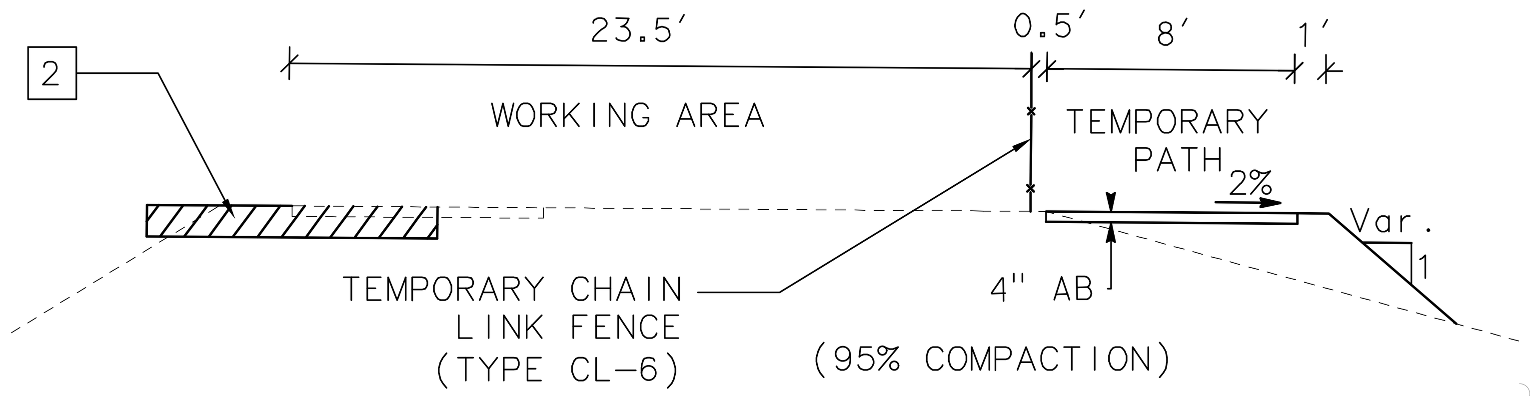
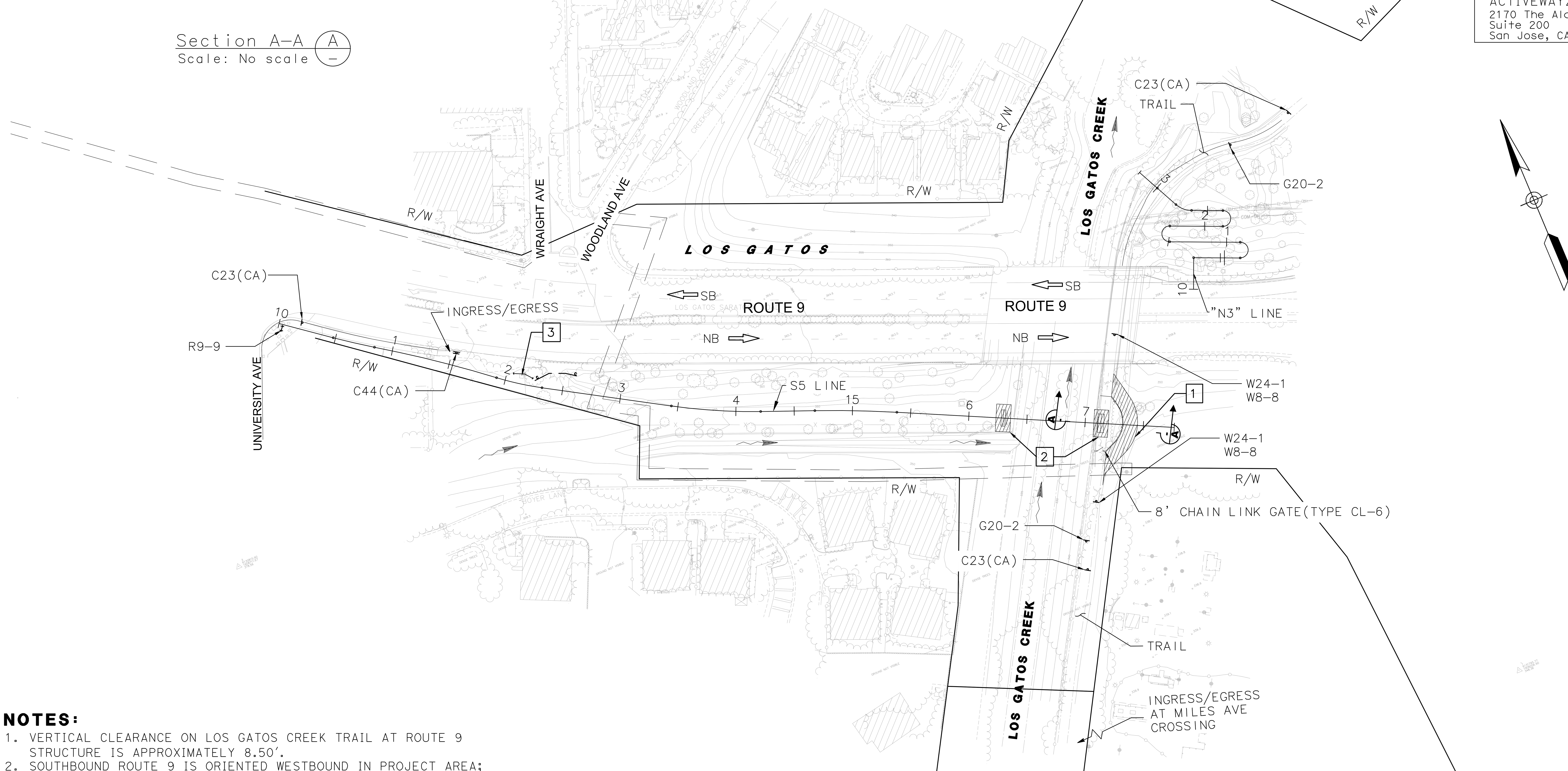


Section A-A (A)
Scale: No scale



NOTES:

1. VERTICAL CLEARANCE ON LOS GATOS CREEK TRAIL AT ROUTE 9 STRUCTURE IS APPROXIMATELY 8.50'.
2. SOUTHBOUND ROUTE 9 IS ORIENTED WESTBOUND IN PROJECT AREA; NORTH ROUTE 9 IS ORIENTED EASTBOUND.

CONSTRUCTION NOTES:

1 CONSTRUCT AND MAINTAIN 8' WIDE TEMPORARY PATH (4" FILL & COMPACTED AB) FOR TRAIL USER DETOUR.

2 CONSTRUCT BRIDGE ABUTMENTS.

3 CONSTRUCT UTILITY IMPROVEMENTS (BY OTHERS).

LEGEND:

CONSTRUCTION THIS STAGE

DIRECTION OF TRAFFIC

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 1

SCALE: 1"= 50'

SC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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CONSULTANT FUNCTIONAL SUPERVISOR: ADMAS ZEWDIE

CALCULATED-DESIGNED BY: MERON G.
CHECKED BY: MERON G.

REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => May 7, 2021
TIME PLOTTED => 10:44 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	27	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

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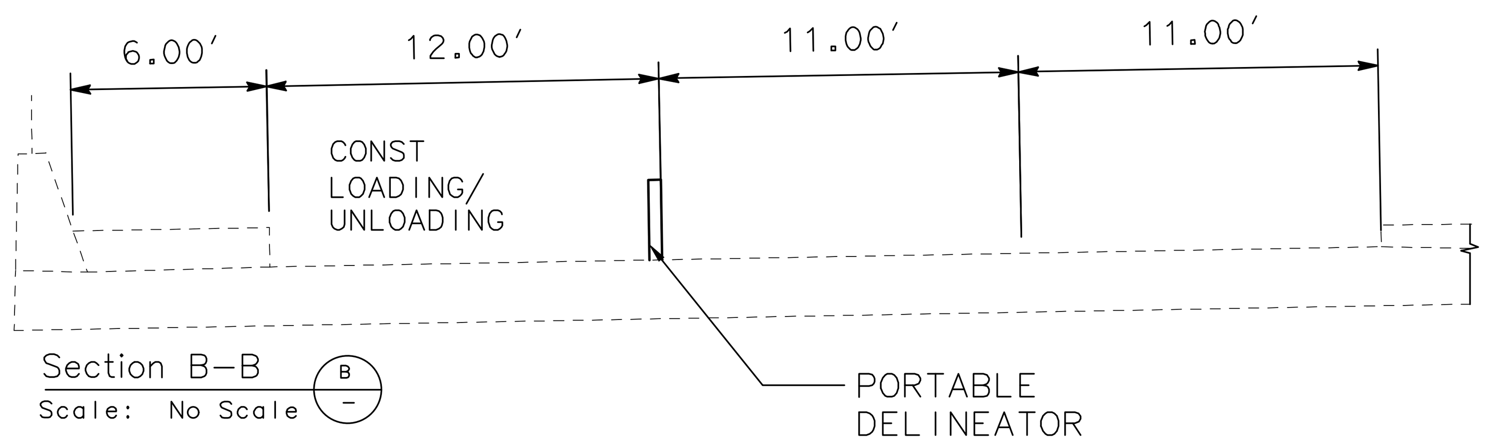


Section B-B
Scale: No Scale

FOR LOADING/UNLOADING MATERIALS, CONTRACTOR MAY USE SHOULDER AREA PER LANE CLOSURE CHARTS. CLOSURE OF WALKWAY AND SHOULDER SHALL BE LIMITED TO 30 MINUTES PER OCCURRENCE. CONTRACTOR SHALL MAKE ARRANGEMENTS TO PROVIDE SAFE PASSAGE FOR PEDESTRIANS DURING SIDEWALK CLOSURE.

NOTES:

1. VERTICAL CLEARANCE ON LOS GATOS CREEK TRAIL AT ROUTE 9 STRUCTURE IS APPROXIMATELY 8.50'.

CONSTRUCTION NOTES:

1 CONSTRUCT RETAINING WALLS AND PAVEMENT FOR NORTH CONNECTOR.
2 CONSTRUCT RETAINING WALLS AND PAVEMENT FOR SOUTH CONNECTOR.
3 CONSTRUCT TRAIL PATH.
4 CONSTRUCT TRAIL CONNECTION DURING EVENING CLOSURE OF TRAIL.

LEGEND:

CONSTRUCTION THIS STAGE
DIRECTION OF TRAFFIC

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 2

SCALE: 1"= 50'

SC-2

REVISED BY	DATE REVISED
MERON G.	MERON G.

CALCULATED-DESIGNED BY / CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: ADMAS ZEWDIE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DATE PLOTTED => May 7, 2021
TIME PLOTTED => 10:44 AM
LAST REVISION 00-00-00

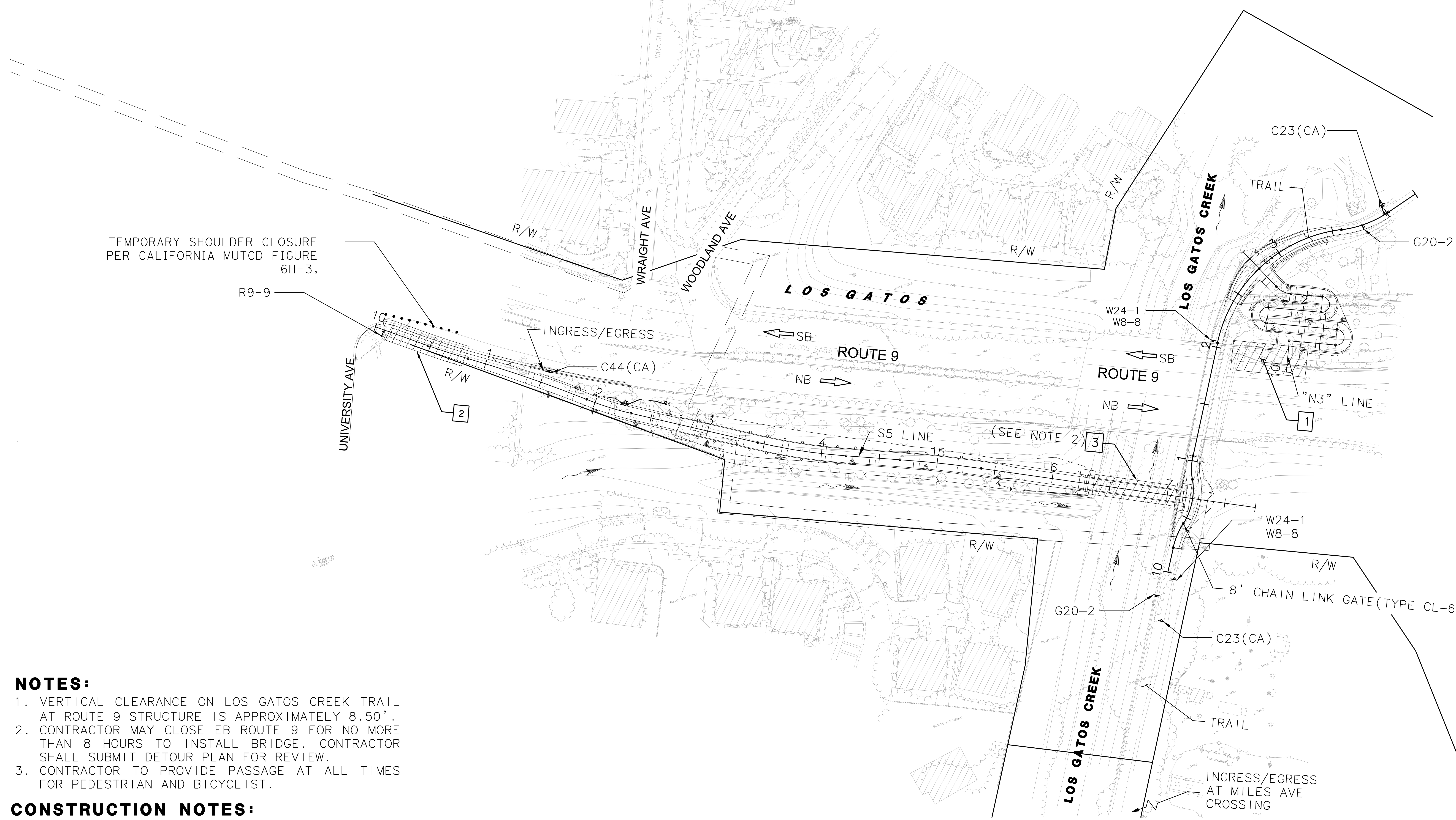
ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ADMAS H. ZEWDIE 63469 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

ACTIVEWAYZ ENG.
2170 The Alameda
Suite 200
San Jose, CA 95126

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030



NOTES:

1. VERTICAL CLEARANCE ON LOS GATOS CREEK TRAIL AT ROUTE 9 STRUCTURE IS APPROXIMATELY 8.50'.
2. CONTRACTOR MAY CLOSE EB ROUTE 9 FOR NO MORE THAN 8 HOURS TO INSTALL BRIDGE. CONTRACTOR SHALL SUBMIT DETOUR PLAN FOR REVIEW.
3. CONTRACTOR TO PROVIDE PASSAGE AT ALL TIMES FOR PEDESTRIAN AND BICYCLIST.

CONSTRUCTION NOTES:

1 CONSTRUCT SIDEWALK CONNECTION FOR NORTH CONNECTOR.

2 CONSTRUCT SIDEWALK CONNECTION FOR SOUTH CONNECTOR.

3 INSTALL PREFABRICATED BRIDGE

LEGEND:

CONSTRUCTION THIS STAGE

DIRECTION OF TRAFFIC

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 3

SCALE: 1"= 50'

SC-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	29	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ADMAS H. ZEWDIE 63469 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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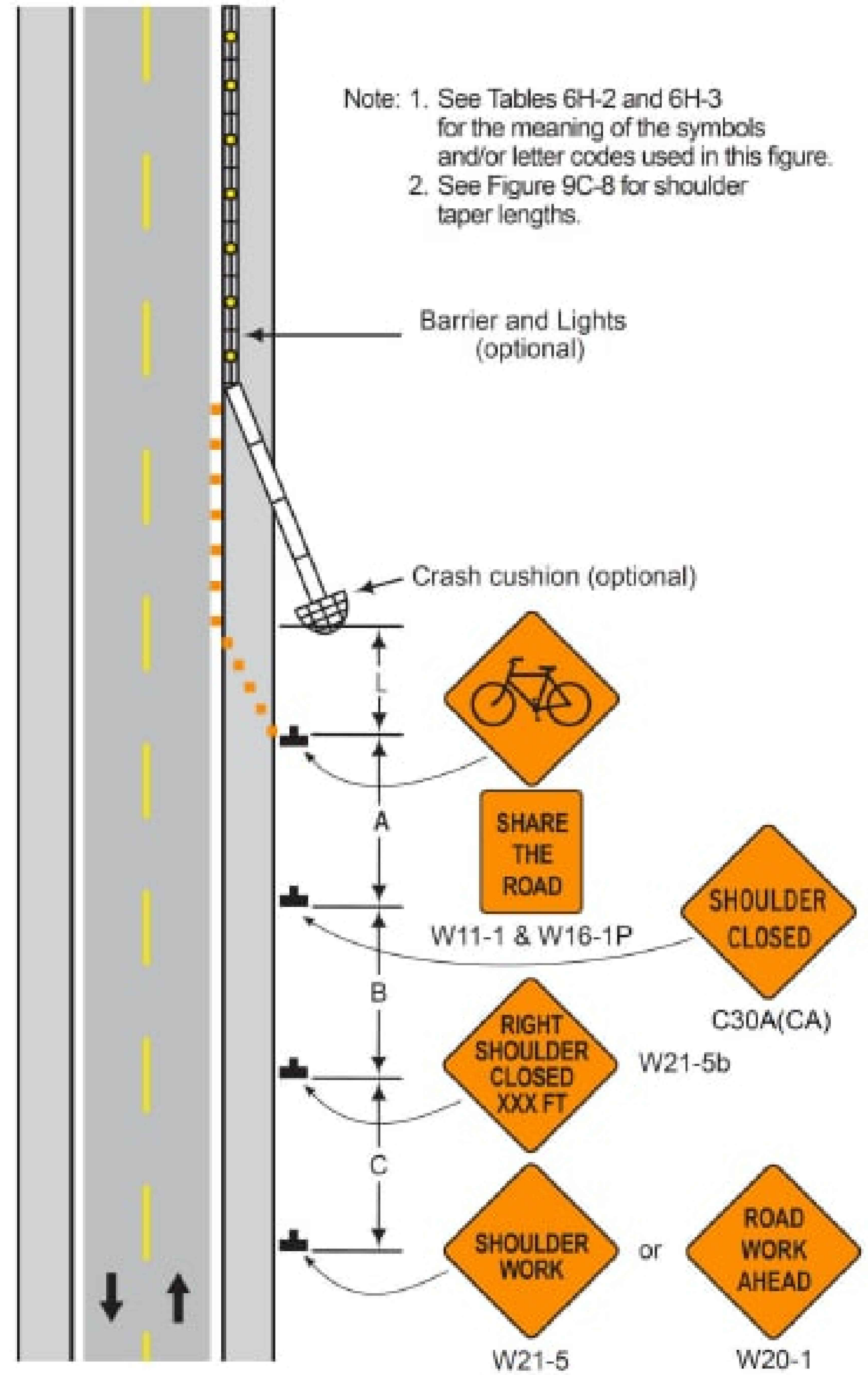
TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Figure 6H-101 (CA). Shoulder Closure on Urban (Low Speed) locations to accommodate bicyclists (TA-101 (CA))



Typical Application 101 (CA)

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

SCALE: No Scale

SC-4

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Caltrans
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REVISED BY
DATE REVISED

DATE PLOTTED => May 7, 2021
TIME PLOTTED => 10:44 AM
LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	30	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

NOTES:

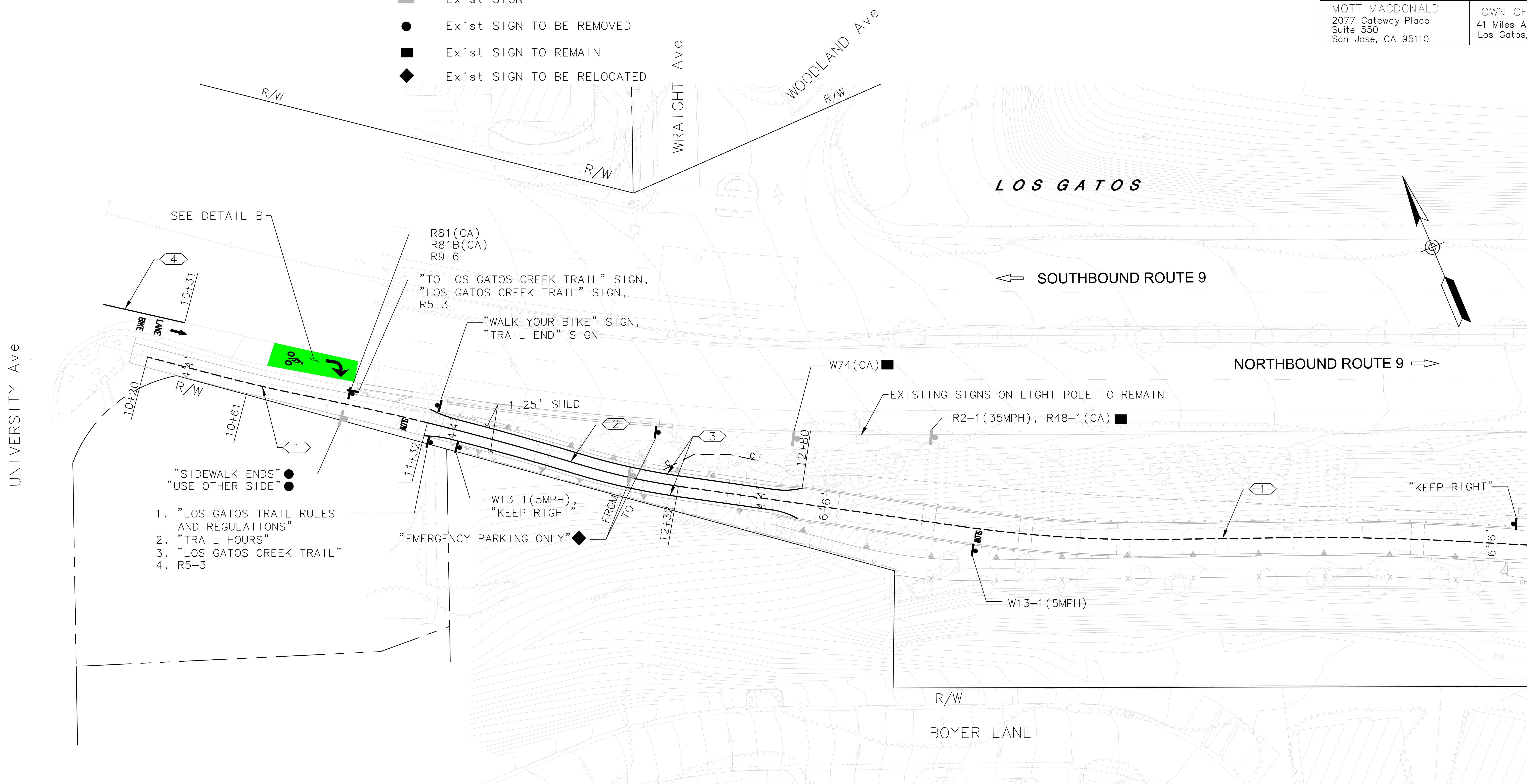
1. FOR ACCURATE RIGHT OF WAY, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FEDERAL SIGN DESIGNATIONS ARE SHOWN UNLESS DESIGNATED BY (CA) WHICH INDICATES A CALIFORNIA SIGN DESIGNATION.

LEGEND:

- (No) PAVEMENT DELINEATION DETAIL No.
- BIKE LANE ARROW
- BIKE LANE SLOW — PAVEMENT MARKING
- NEW ONE POST SIGN
- Exist SIGN
- Exist SIGN TO BE REMOVED
- Exist SIGN TO REMAIN
- Exist SIGN TO BE RELOCATED

PAVEMENT DELINEATION DETAILS:

1. 4" YELLOW DASH. SEE DETAIL A.
2. 4" YELLOW SOLID
3. 4" WHITE SOLID
4. 6" WHITE SOLID



APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

PAVEMENT DELINEATION AND SIGN PLAN

SCALE: 1"= 20'

PD-1

NOTES:

1. FOR ACCURATE RIGHT OF WAY, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. ALL PAVEMENT/TRAIL MARKINGS TO BE PAINT UNLESS OTHERWISE SPECIFIED.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	31	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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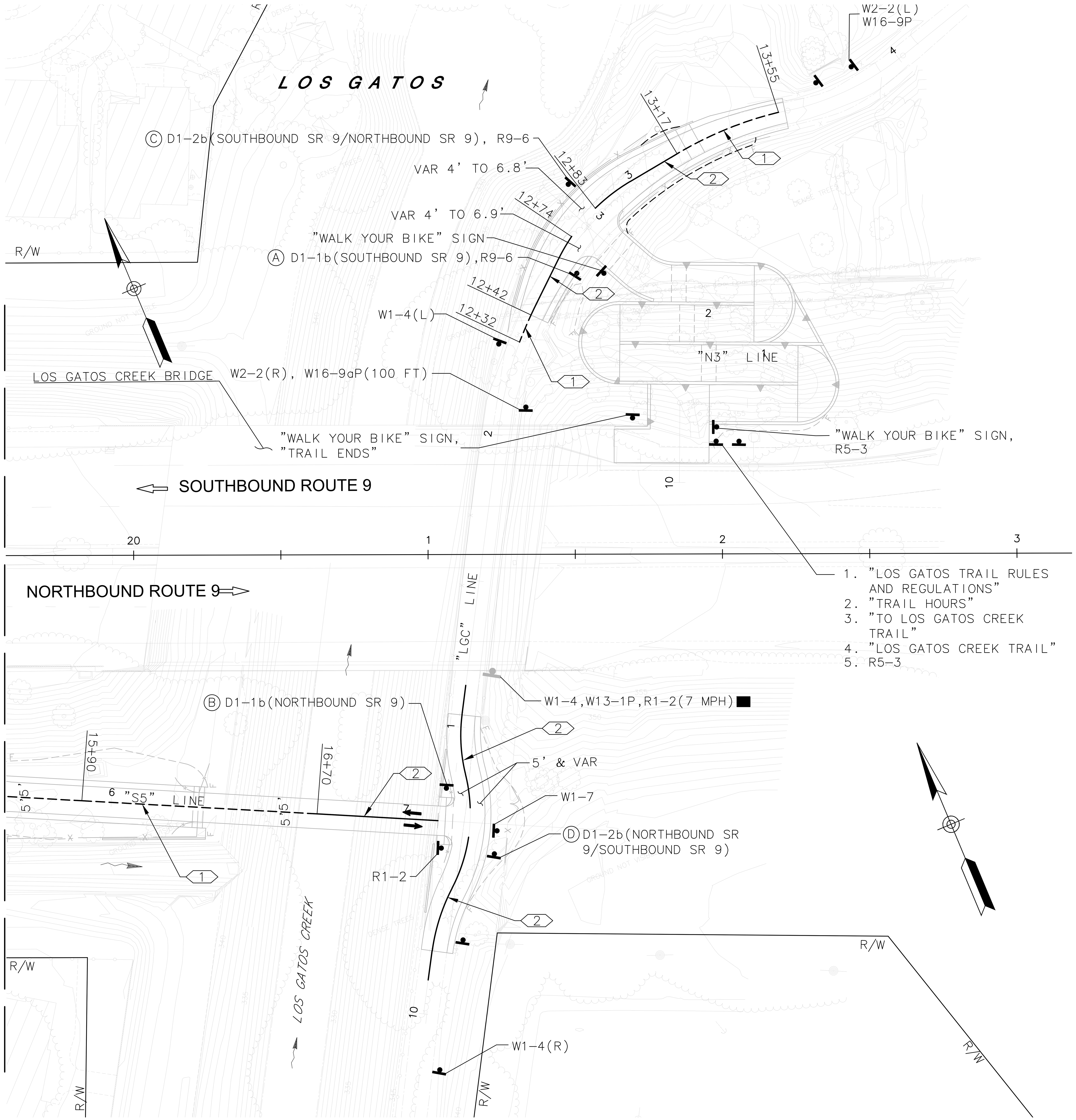
41 Miles Avenue
Los Gatos, CA 95030



APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

PAVEMENT DELINEATION AND SIGN PLAN

SCALE: 1"=20'

PD-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022, 4:10pm
TIME PLOTTED =>

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UNIT 0000
PROJECT NUMBER & PHASE 04200001581

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	32	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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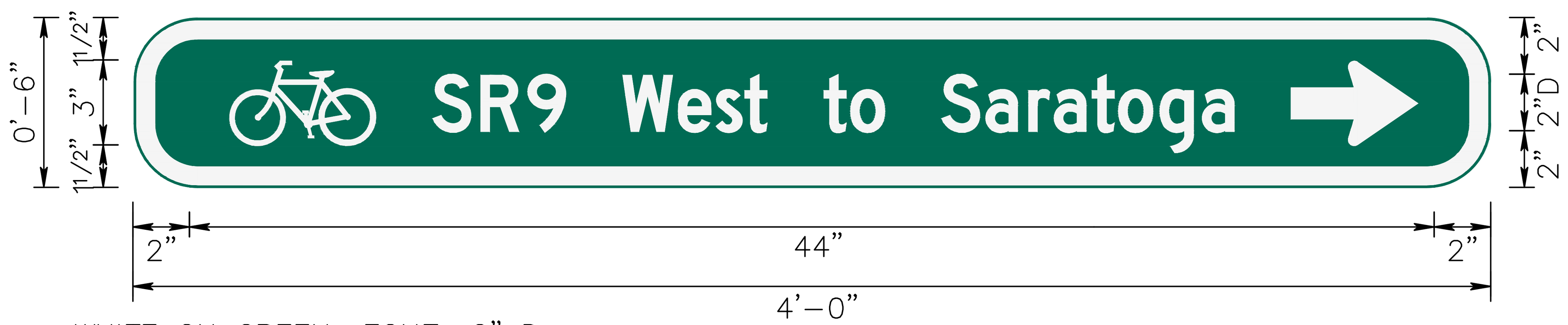
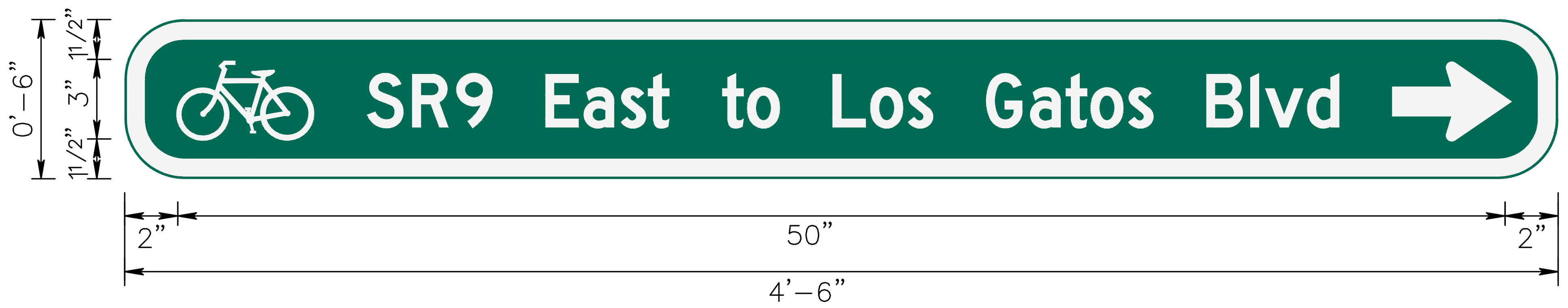


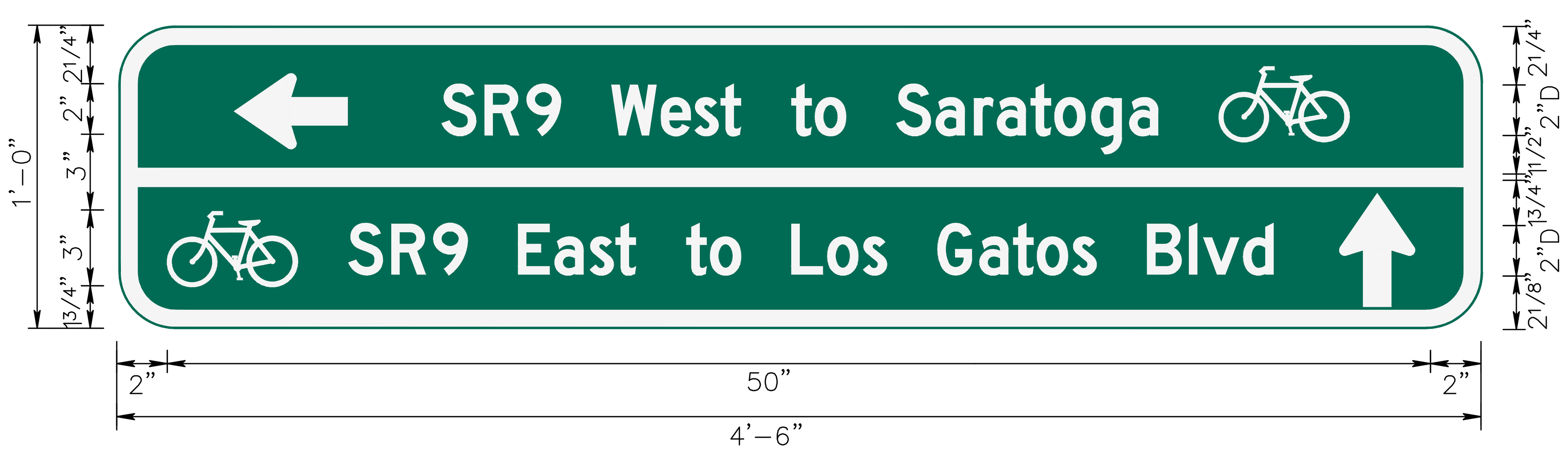
WHITE ON GREEN; FONT: 2" D

Ⓐ **D1-1b (Southbound SR 9)**



WHITE ON GREEN; FONT: 2" D

Ⓑ **D1-1b (Northbound SR 9)**



WHITE ON GREEN; FONT: 2" D

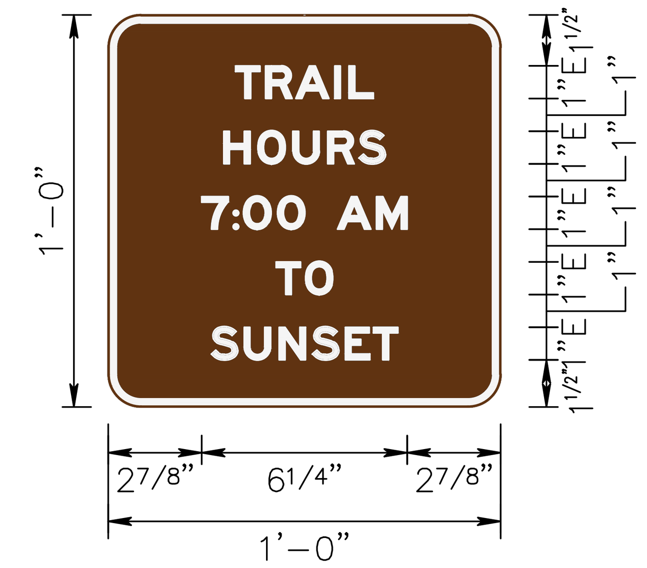
Ⓒ **D1-2b (Southbound SR 9 /Northbound SR 9)**

WHITE ON GREEN; FONT: 2" D

Ⓓ **D1-2b (Northbound SR 9 /Southbound SR 9)**

WHITE ON BROWN; FONT: 2" E

"TRAIL ENDS"



WHITE ON BROWN; FONT: 1" E

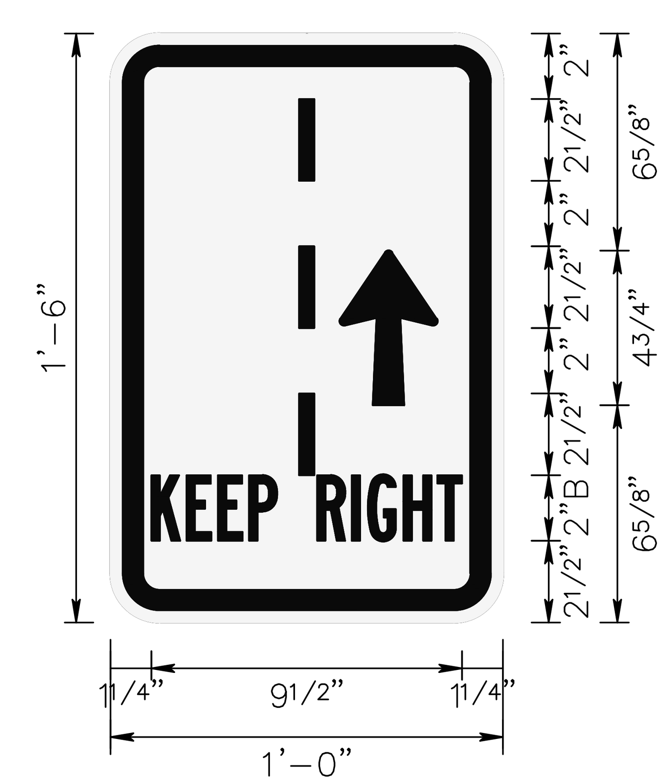
"TRAIL HOURS"

BLACK ON WHITE; FONT: 2" C

"WALK YOUR BIKE"

WHITE ON BROWN; FONT: VARIES

"LOS GATOS TRAIL RULES AND REGULATIONS"

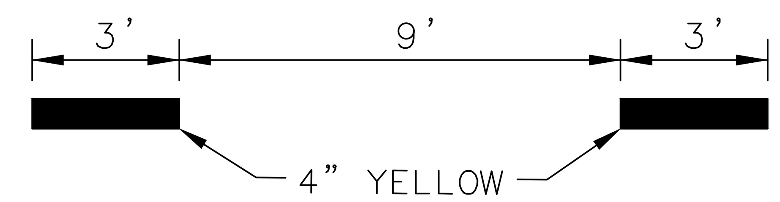


BLACK ON WHITE; FONT: 2" B

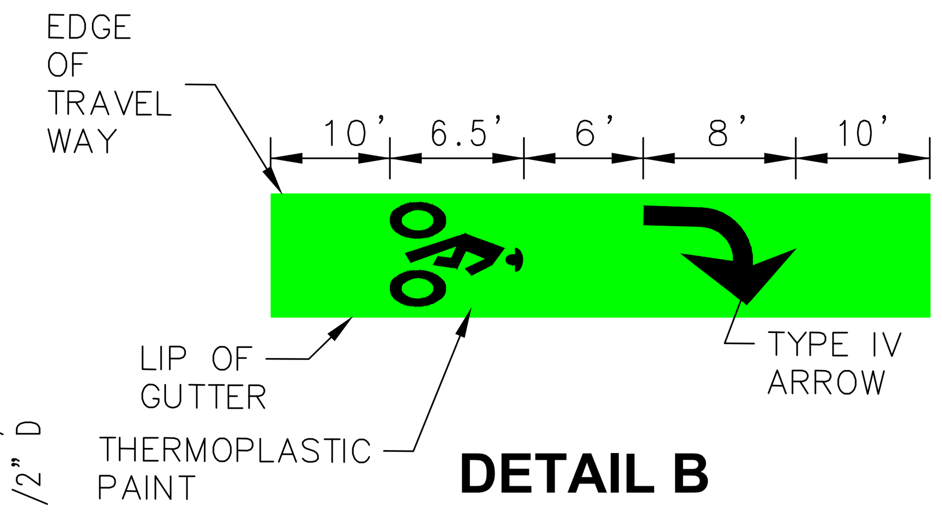
"KEEP RIGHT"

WHITE ON BROWN; FONT: 3" B

"TO LOS GATOS CREEK TRAIL"



DETAIL A



DETAIL B

"LOS GATOS CREEK TRAIL"

PAVEMENT MARKINGS AND SIGN DETAILS

NO SCALE

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SD-1

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Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR TEFERI ABERE
CALCULATED-DESIGNED BY JORDAN CHO
CHECKED BY TOMMY CHO
REVISED BY
DATE REVISED

DATE PLOTTED => Jun 20, 2022, 4:12pm
TIME PLOTTED =>
LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	33	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ADMAS H. ZEWDIE 63469 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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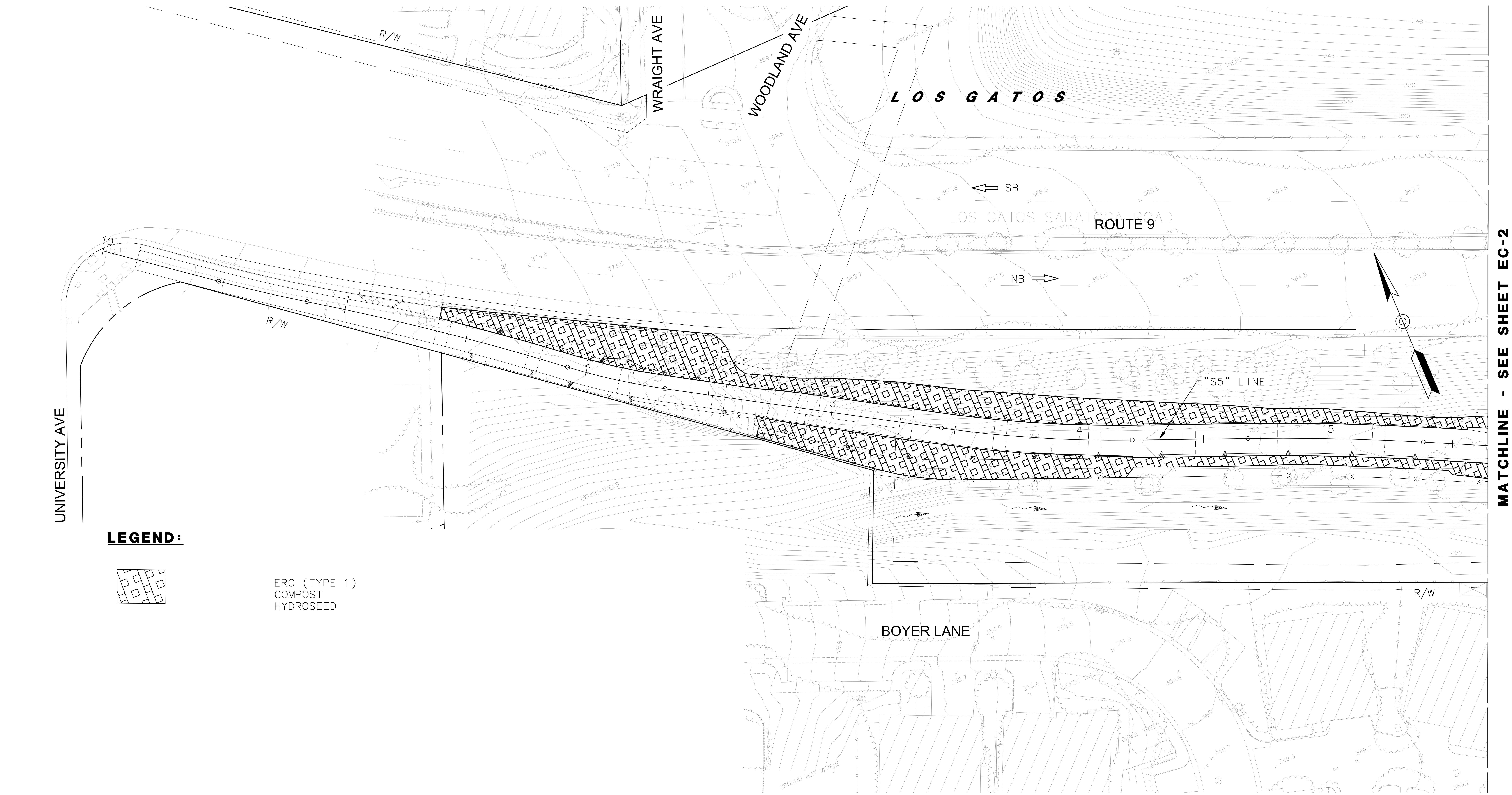
ACTIVEWAYZ ENG.
2170 The Alameda
Suite 200
San Jose, CA 95126

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030



APPROVED FOR EROSION CONTROL WORK ONLY

EROSION CONTROL PLAN

SCALE: 1"= 20'

EC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: ADMAS ZEWDIE
CALCULATED-DESIGNED BY: MERON G.
CHECKED BY: MERON G.
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => October 25, 2021
TIME PLOTTED => 5:30 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	34	79

ADMAS ZEWDIE 4/22/22
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ADMAS H. ZEWDIE 63469 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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Suite 200
San Jose, CA 95126

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

EROSION CONTROL TYPE 1

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	DEPTH	REMARK
		DESCRIPTION	TYPE			
STEP 1	COMPOST	COMPOST	FINE	68 CY/ACRE	1/2"	
STEP 2	HYDROSEED	SEED	MIX 1	47.7 LB/ACRE		
		FERTILIZER	ORGANIC	600 LB/ACRE		
		FIBER	WOOD	1,000 LB/ACRE		
		TACKIFIER	PSYLIUM	100 LB/ACRE		
STEP 3	HYDROMULCH	FIBER	ALTERNATE	1,000 LB/ACRE		
		TACKIFIER	PSYLIUM	100 LB/ACRE		

SEED MIX 1

SEED	BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX 1	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	53	20
	STIPA PULCHURA (PURPLE NEEDLEGRASS)	53	10
		45	5
	ERIOGUNUM FASCICULATUM (CALIFORNIA BUCKWHEAT)	15	1.5
		53	5
		30	0.2
		33	3
	CLARKIA PURPUREA (PURPLE CLARKIA)	35	3

NOTES:

1. HYDROSEED(FIBER) AND HYDROMULCH(FIBER) COLOR TO BE PRE-APPROVED BY TOWN OF LOS GATOS.
2. CONTRACTOR SHALL STAKE THE EXTENT OF THE EROSION CONTROL AREAS FOR ENGINEER'S APPROVAL PRIOR TO PLACEMENT OF MATERIAL.
3. SEE TOWN OF LOS GATOS STANDARD NOTES REGARDING GRADING OPERATIONS.

APPROVED FOR EROSION CONTROL WORK ONLY

EROSION CONTROL PLAN

SCALE: 1"= 20'

EC-2

REVISED BY | DATE REVISED
MERON G. | MERON G.
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR | ADMAS ZEWDIE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DATE PLOTTED => October 25, 2021
TIME PLOTTED => 5:30 AM
LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	35	79

HAILU KEREMO 4/22/22
REGISTERED ELECTRICAL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
HAILU B. KEREMO
No. E 21221
Exp. 09/30/23
ELECTRICAL
STATE OF CALIFORNIA

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

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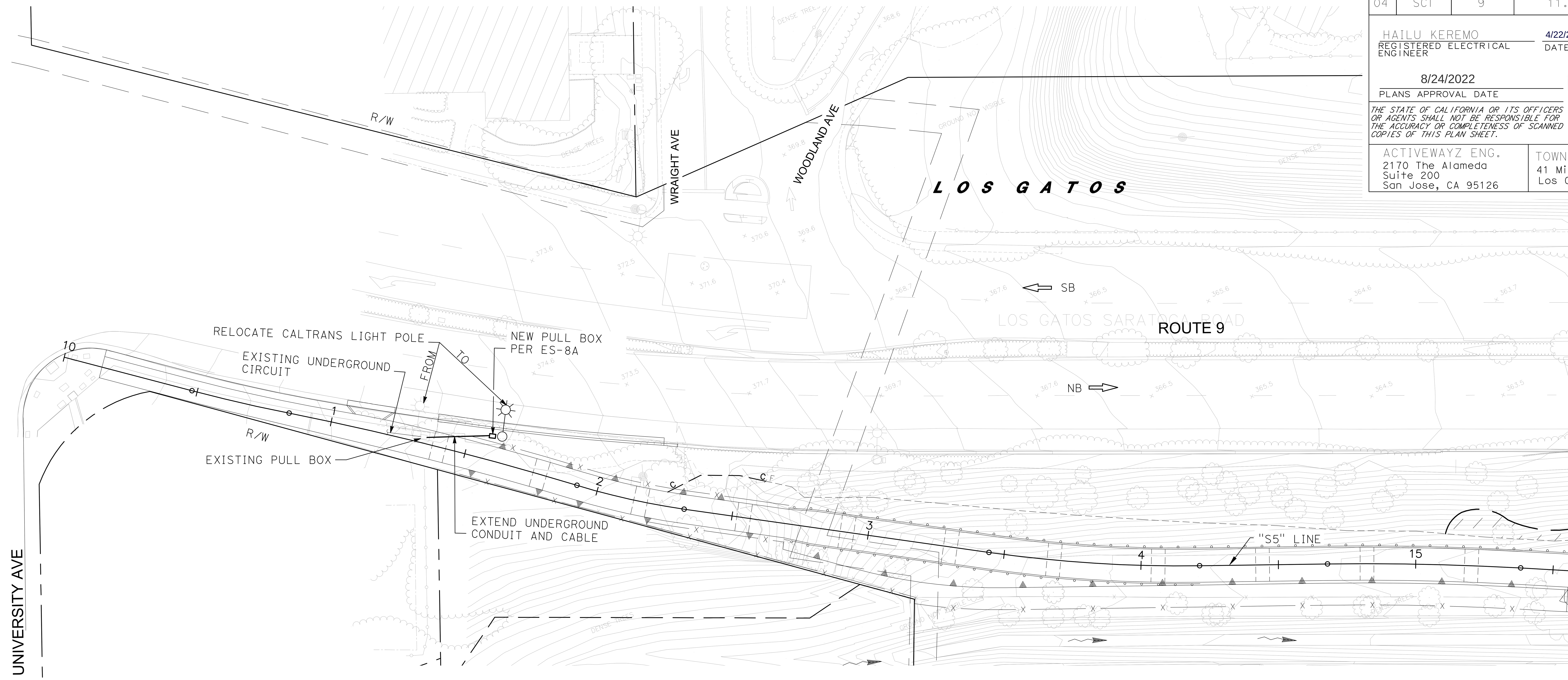
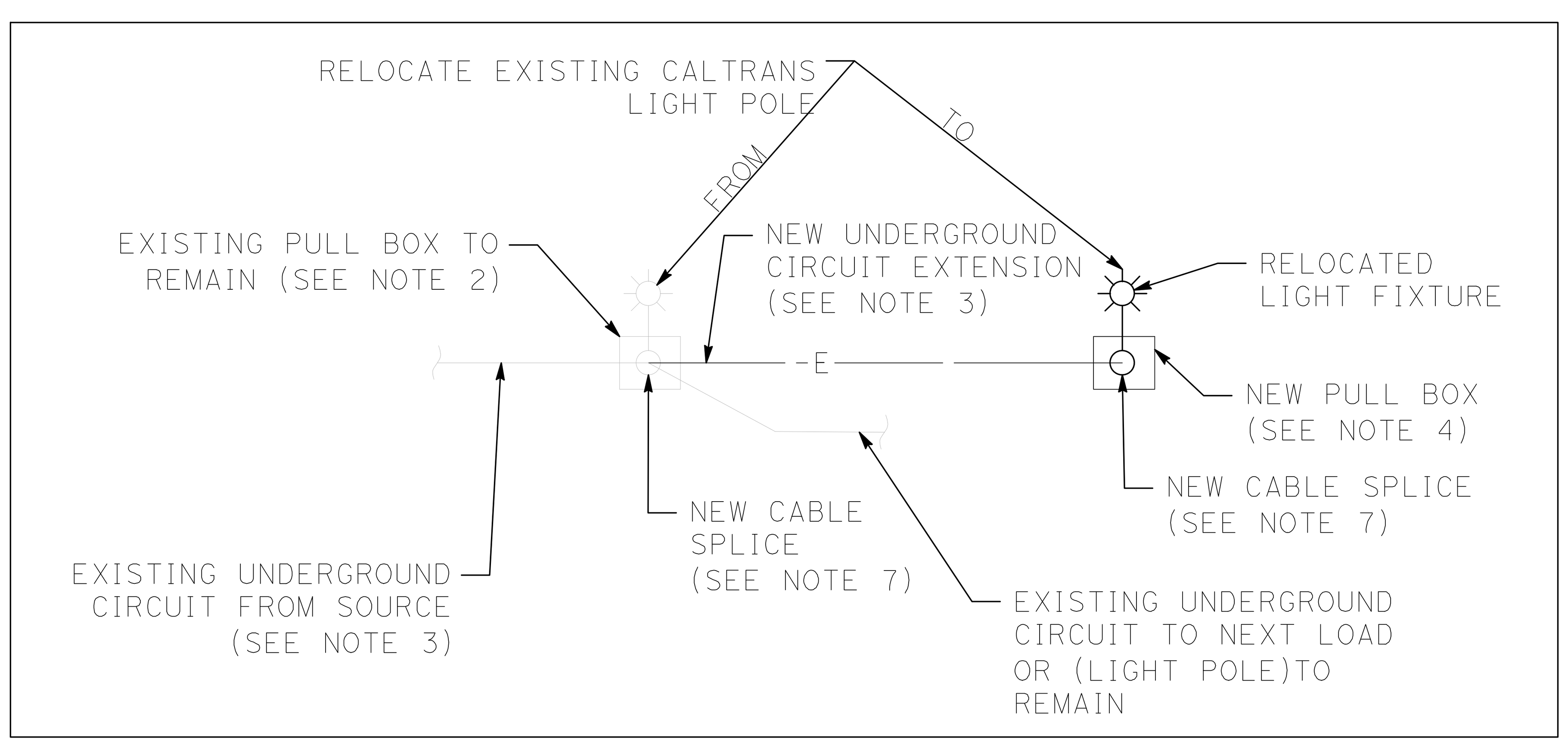
San Jose, CA 95126

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030





1

LIGHTING RELOCATION DIAGRAM

SCALE: NO SCALE

ELECTRICAL NOTES:

1. RELOCATE EXISTING STREET LIGHT POLE, ASSEMBLY AND LIGHT FIXTURE AS INDICATED. EXTEND EXISTING CIRCUIT TO THE NEW LOCATION. FOUNDATION OF LIGHT POLE SHALL MEET CALTRANS STANDARD PLAN ES-6G AND ASSOCIATED DETAILS. AT NEW LOCATION, INSTALL NEW, NON TRAFFIC RATED PULL BOX AS INDICATED.
2. RETAIN EXISTING PULL BOX IN PLACE AND USE AS SPLICE BOX TO EXTEND CIRCUIT TO NEW LOCATION.
3. CONTRACTOR SHALL FIELD VERIFY AND LOCATE EXISTING DISTRIBUTION PANEL. EXISTING CIRCUIT FEEDING LIGHT POLE SHALL BE PULLED BACK TO SOURCE AND REPLACED WITH NEW WIRE SIZE TO MATCH EXISTING. WHEN RELOCATION IS COMPLETED, CONTRACTOR SHALL MAKE SURE TO RESTORE POWER TO EXISTING LIGHTS THAT ARE IN THE SAME CIRCUIT AS THE RELOCATED POLE. PRIOR TO PULLING BACK EXISTING WIRING/CIRCUIT, CONTRACTOR SHALL COORDINATE WITH CALTRANS TO DE-ENERGIZE CIRCUIT AND LOCKOUT AND TAGOUT AT THE SOURCE. DURING REMOVAL AND INSTALLATION OF NEW CIRCUIT PROCESS, ALL SAFETY PRECAUTIONS SHALL BE OBSERVED. EXTENSION UNDERGROUND DUCTBANK SHALL BE PER CALTRANS STANDARD.
4. INSTALL NEW PULL BOX AT RELOCATED POLE PER LATEST CALTRANS STANDARD ES-8A.
5. IF POLE AND ASSEMBLY IS DAMAGED DURING RELOCATION, CONTRACTOR SHALL REPLACE POLE IN KIND AT NO COST TO THE OWNER.
6. DURING RELOCATION OF POLE, PROTECT AND MAINTAIN EXISTING UNDERGROUND CIRCUITS THAT ARE NOT PART OF THE LIGHT POLE.
7. SPLICING OF CONDUCTOR SHALL BE PERFORMED PER 86-1.02H.

APPROVED FOR ELECTRICAL WORK ONLY

ELECTRICAL PLANS

SCALE: 1"= 20'

E-1

REVISED BY | DATE REVISED
MERON G. | MERON G.
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: ADMAS ZEWDIE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => November 2, 2021
TIME PLOTTED => 12:00 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	36	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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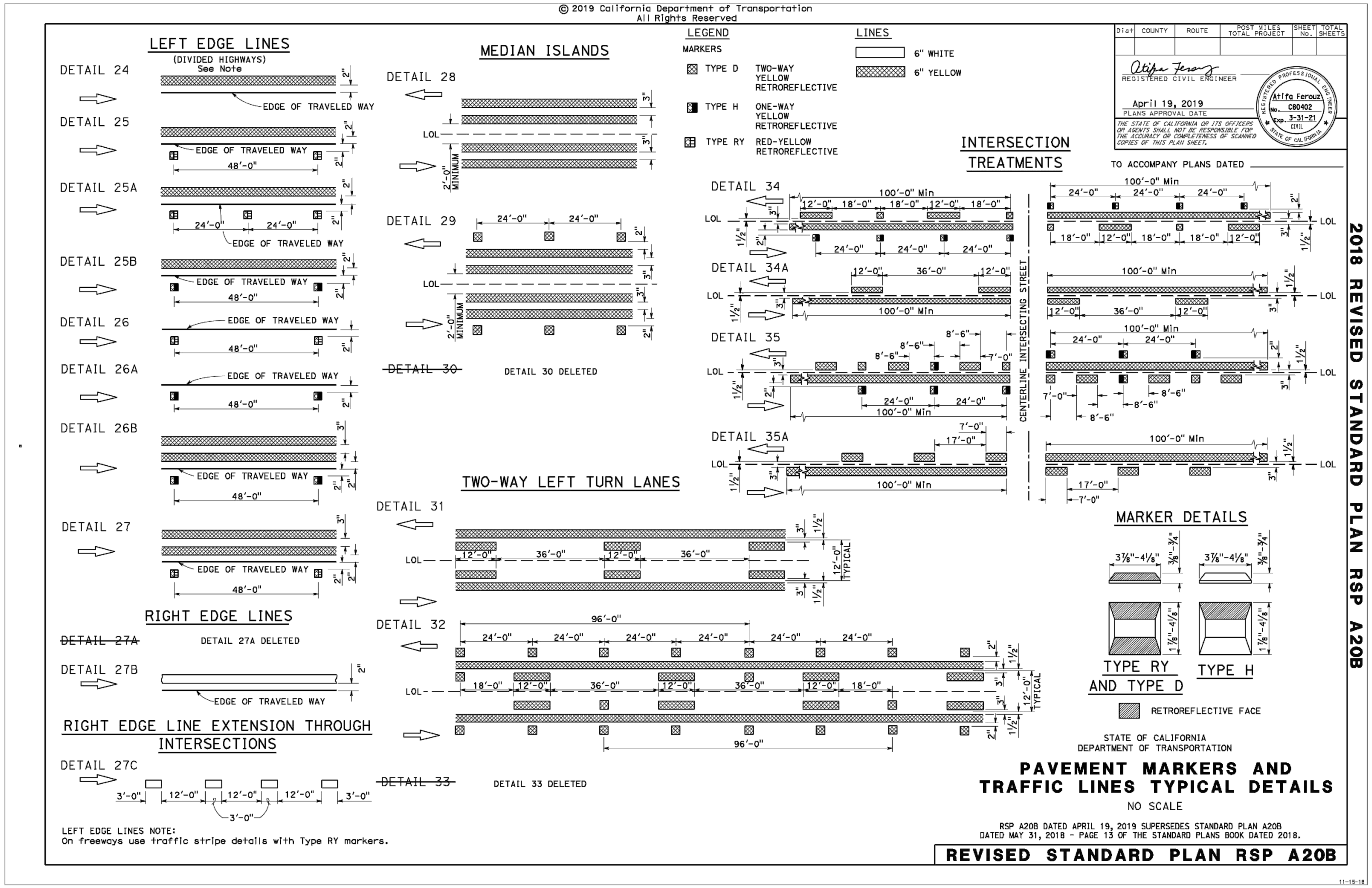

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

DATE PLOTTED => Jun 20, 2022, 6:10pm
TIME PLOTTED =>
LAST REVISION 00-00-00

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UNIT 0000
PROJECT NUMBER & PHASE 04200001581

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	37	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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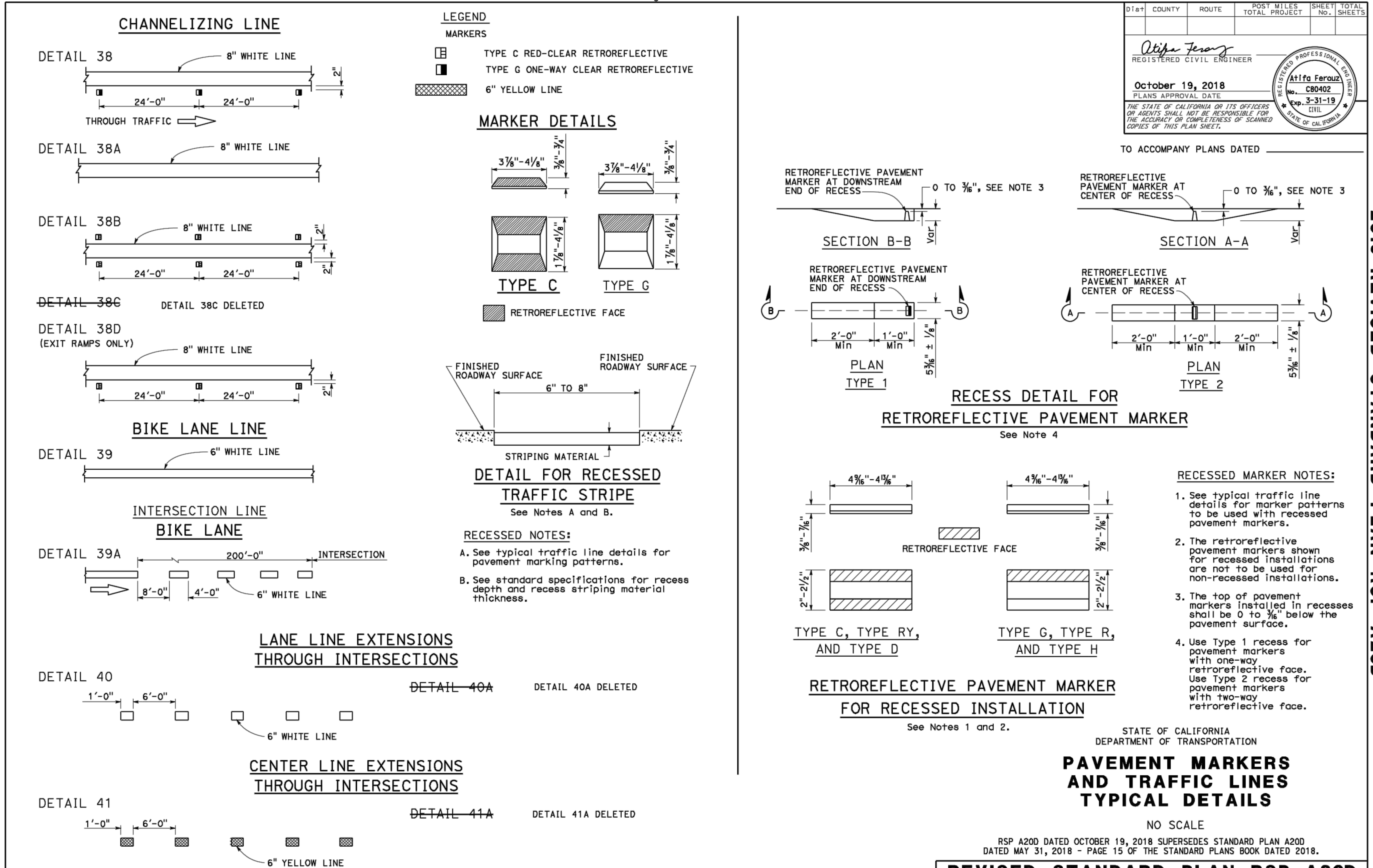

RECESSED NOTES:

A. See typical traffic line details for pavement marking patterns.

B. See standard specifications for recess depth and recess striping material thickness.

RECESSED MARKER NOTES:

1. See typical traffic line details for marker patterns to be used with recessed pavement markers.
2. The retroreflective pavement markers shown for recessed installations are not to be used for non-recessed installations.
3. The top of pavement markers installed in recesses shall be 0 to ⅛" below the pavement surface.
4. Use Type 1 recess for pavement markers with one-way retroreflective face. Use Type 2 recess for pavement markers with two-way retroreflective face.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

October 19, 2018
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Atifa Ferouz No. C80402 Exp. 3-31-19 CIVIL STATE OF CALIFORNIA

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TO ACCOMPANY PLANS DATED

2018 REVISED STANDARD PLAN RSP A20D

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS

NO SCALE

RSP A20D DATED OCTOBER 19, 2018 SUPERSEDES STANDARD PLAN A20D DATED MAY 31, 2018 - PAGE 15 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP A20D

5-10-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
TEFERI ABERE	JORDAN CHO	TOMMY CHO		

LAST REVISION 00-00-00 DATE PLOTTED => Jun 20, 2022, 6:11pm TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	38	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Atifa Ferouz
REGISTERED CIVIL ENGINEER

April 19, 2019
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Atifa Ferouz No. C80402 Exp. 3-31-21 CIVIL STATE OF CALIFORNIA

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TO ACCOMPANY PLANS DATED

NOTE:

1. See Standard Plans A20A, A20B, A20C, A20D, and A20F for pavement markers and traffic lines typical details.

TYPICAL LANE LINE OR RIGHT EDGE LINE CONTRAST DETAIL

2018 REVISED STANDARD PLAN RSP A20E

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAIL FOR CONTRAST STRIPING

NO SCALE

RSP A20E DATED APRIL 19, 2019 SUPERSEDES STANDARD PLAN A20E DATED MAY 31, 2018 - PAGE 16 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP A20E

11-9-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR	TEFERI ABERE
CALCULATED-DESIGNED BY	JORDAN CHO
CHECKED BY	TOMMY CHO
REVISED BY	
DATE REVISED	

LAST REVISION 00-00-00 DATE PLOTTED => Jun 20, 2022, 6:13pm TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	39	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Atifa Feroz
REGISTERED CIVIL ENGINEER

October 19, 2018
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Atifa Feroz No. C80402 Exp. 3-31-19 CIVIL STATE OF CALIFORNIA

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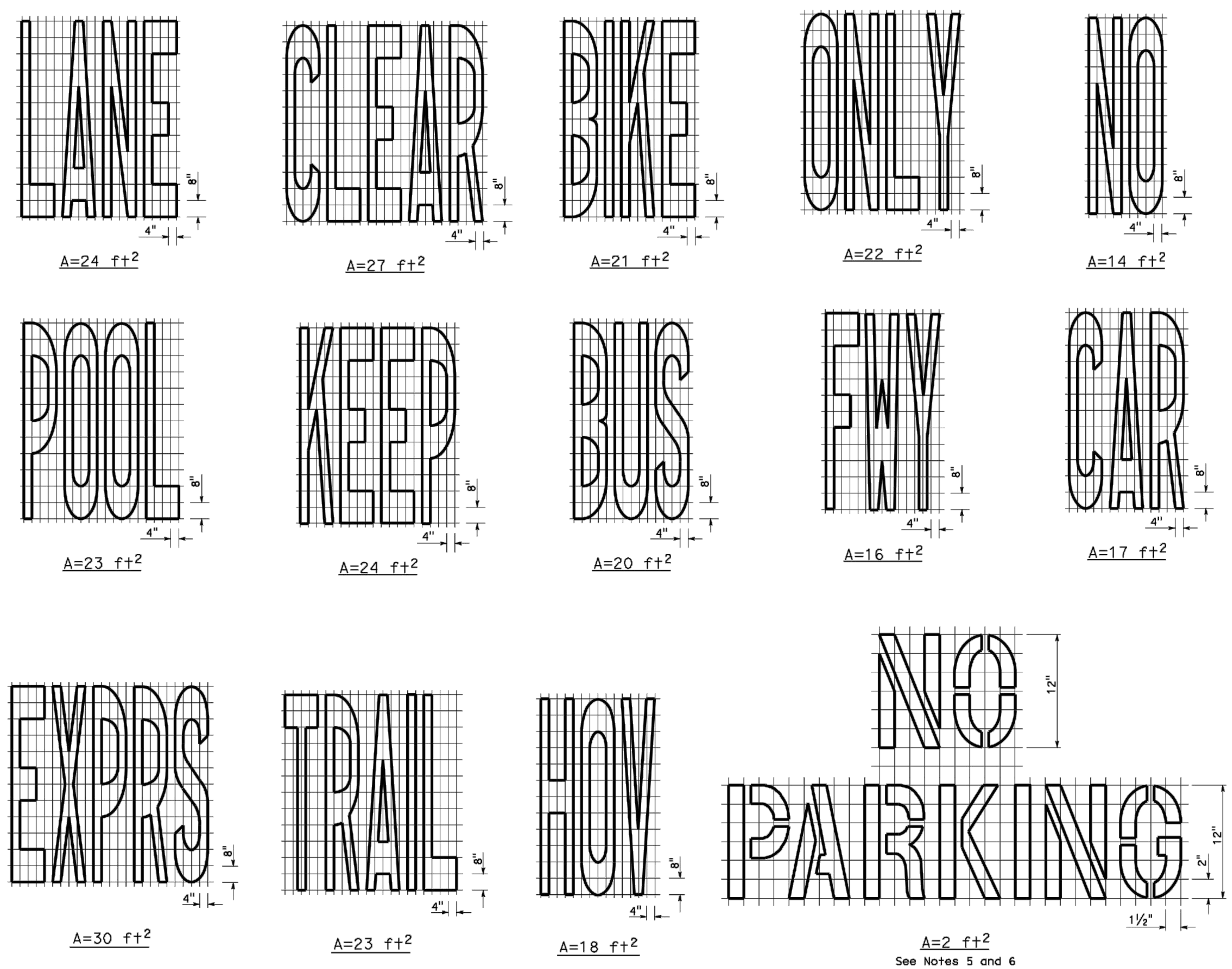
TO ACCOMPANY PLANS DATED ____________



WORD MARKINGS

ITEM	ft²	ITEM	ft²
LANE	24	NO	14
POOL	23	BIKE	21
CAR	17	BUS	20
CLEAR	27	ONLY	22
KEEP	24	FWY	16
HOV	18	EXPRS	30
TRAIL	23		

NOTES:

1. If a message consists of more than one word, it must read "UP", i.e., the first word must be nearest the driver.
2. The space between words must be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number or symbol may be separated by connecting segments not to exceed 2" in width.
5. The words "NO PARKING" pavement marking is to be used for parking facilities. For typical locations of markings, see Standard Plans A90A and A90B.
6. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high on a contrasting background and located so that it is visible to traffic enforcement officials.

2018 REVISED STANDARD PLAN RSP A24E

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS WORDS

NO SCALE

RSP A24E DATED OCTOBER 19, 2018 SUPERSEDES STANDARD PLAN A24E DATED MAY 31, 2018 - PAGE 21 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP A24E

4-17-18

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Gary Wong
REGISTERED CIVIL ENGINEER

October 15, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Gary Wong No. C56298 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

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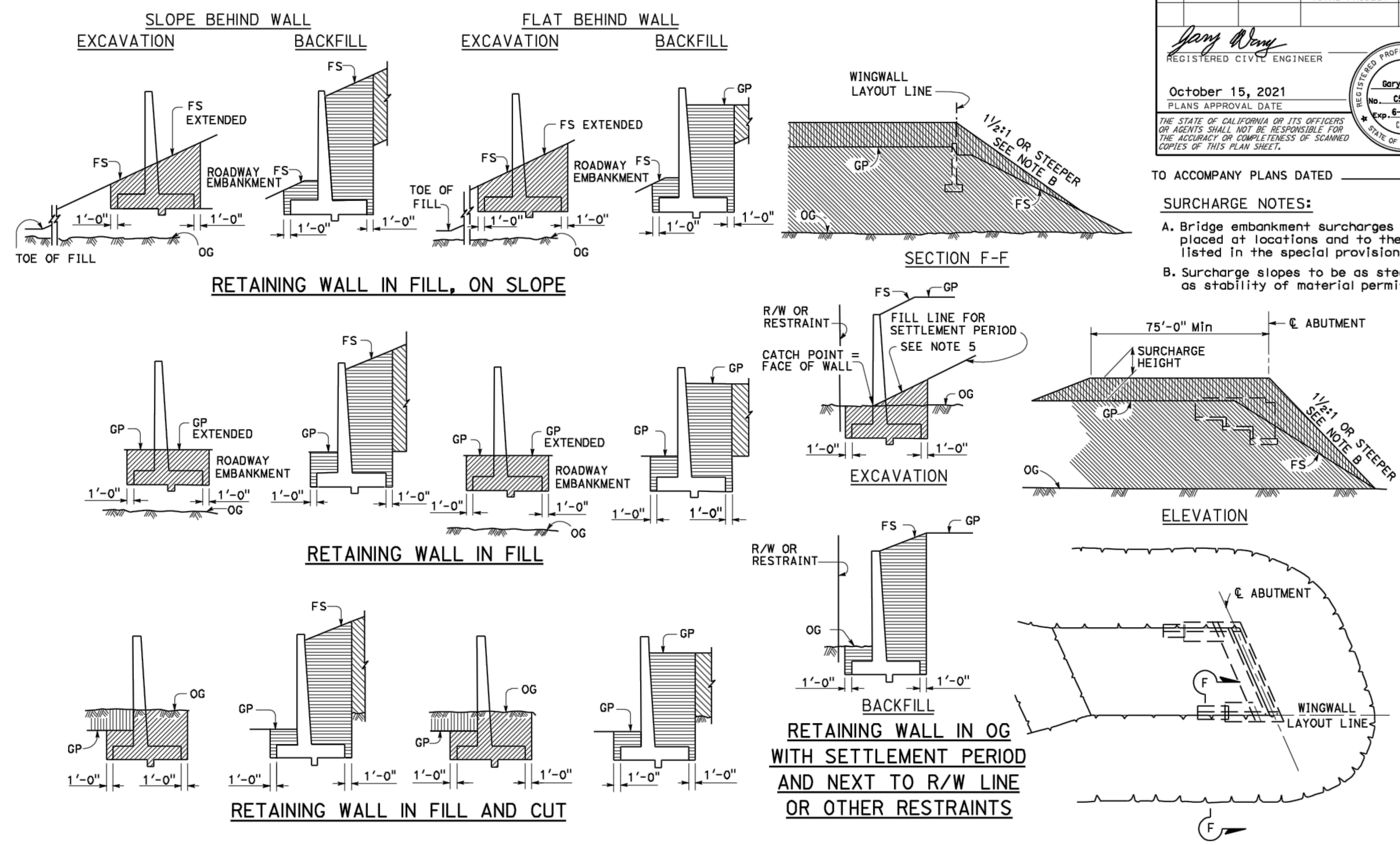
TO ACCOMPANY PLANS DATED ____________

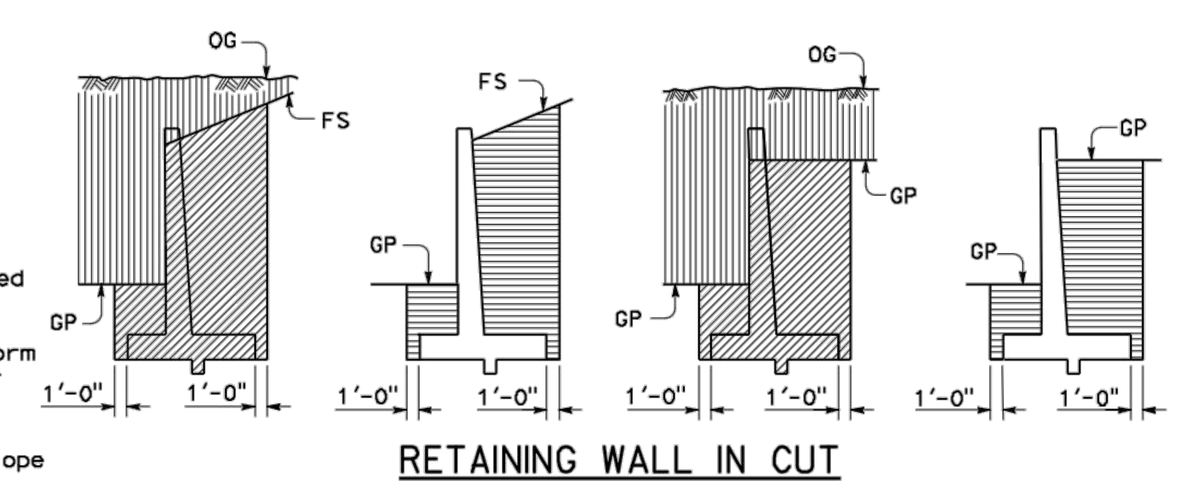
2018 REVISED STANDARD PLAN RSP A62B



SURCHARGE NOTES:

A. Bridge embankment surcharges to be placed at locations and to the heights listed in the special provisions.

B. Surcharge slopes to be as steep as stability of material permits.



NOTES:

1. Roadway embankment is not delineated on excavation drawings for clarity.
2. Embankment, if any, must be in place before structure excavation is made.
3. If no roadway or ditch excavation or embankment is involved at the wall, structure excavation will be measured from the original ground.
4. When an embankment settlement period is required, the upper limits of structure excavation are raised to conform to the elevation of the embankment after the settlement period or, when an embankment surcharge is used to the finished surface and grading plane elevations.
5. Embankment slopes to be as steep as material permits. Slope assumed to be 1:1 for purposes of quantity calculations.

LEGEND

- STRUCTURE EXCAVATION
- STRUCTURE BACKFILL
- ROADWAY EXCAVATION
- ROADWAY EMBANKMENT
- BRIDGE EMBANKMENT SURCHARGE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE SURCHARGE AND WALL

NO SCALE

RSP A62B DATED OCTOBER 15, 2021 SUPERSEDES STANDARD PLAN A62B DATED MAY 31, 2018 - PAGE 29 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP A62B

4-28-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY		REVISED BY	
TEFERI ABERE	JORDAN CHO			
	CHECKED BY	TOMMY CHO	DATE REVISED	

DATE PLOTTED => Jun 20, 2022, 6:16pm
TIME PLOTTED =>
LAST REVISION 00-00-00

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TEFERI M. ABERE
63802
Exp. 9-30-22
CIVIL
STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

October 19, 2018
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
W. Rezo Valizadeh
No. C51902
Exp. 6-30-20
CIVIL
STATE OF CALIFORNIA

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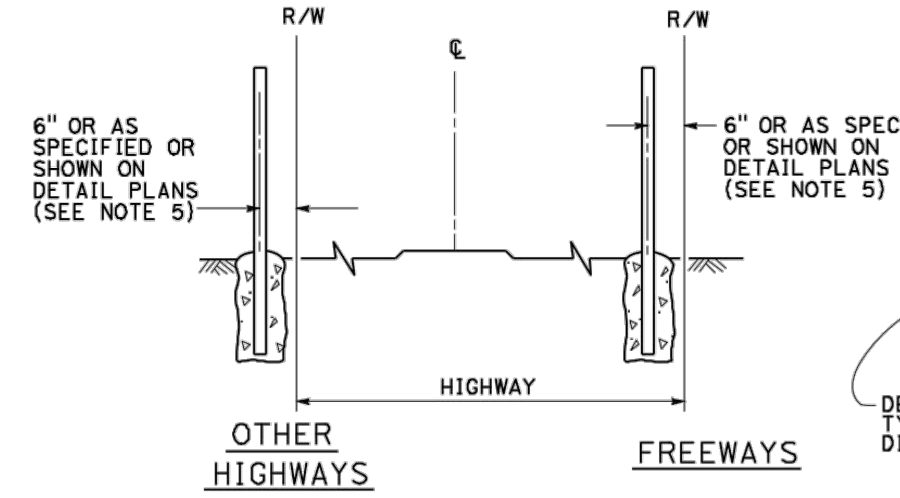
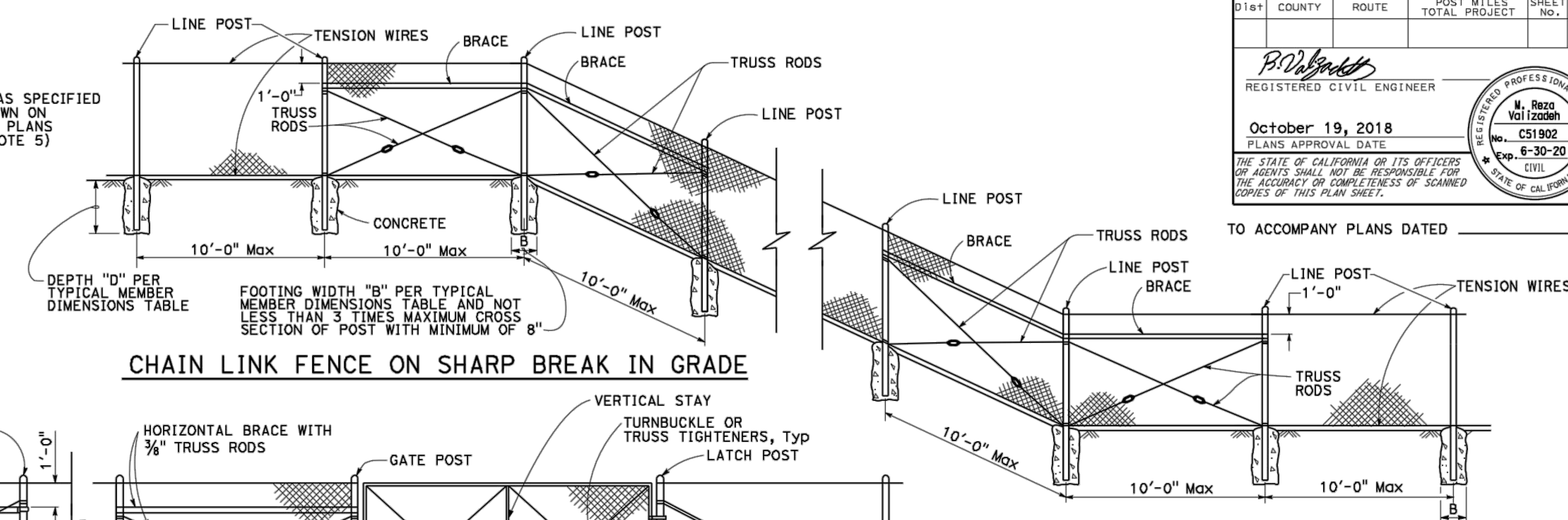
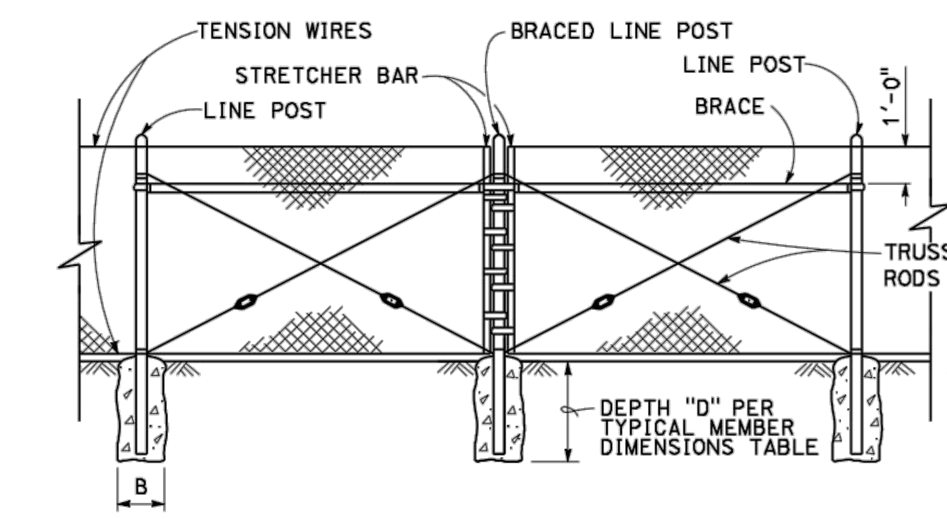
TO ACCOMPANY PLANS DATED



FENCE LOCATION

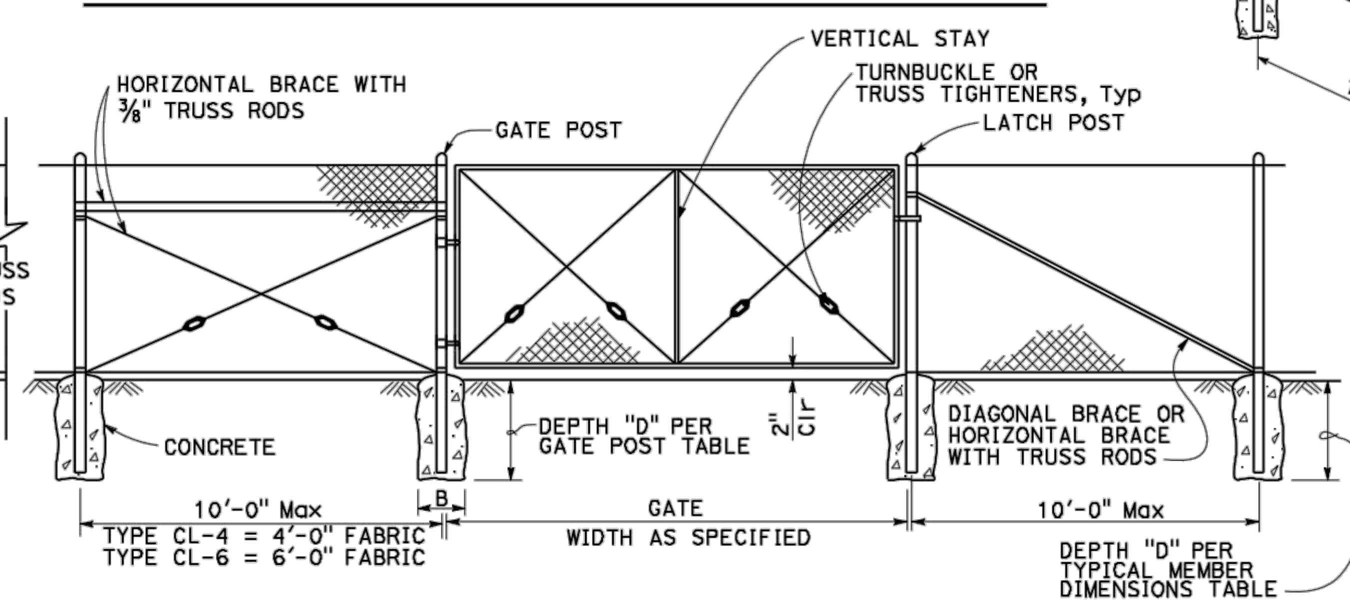


CHAIN LINK FENCE ON SHARP BREAK IN GRADE



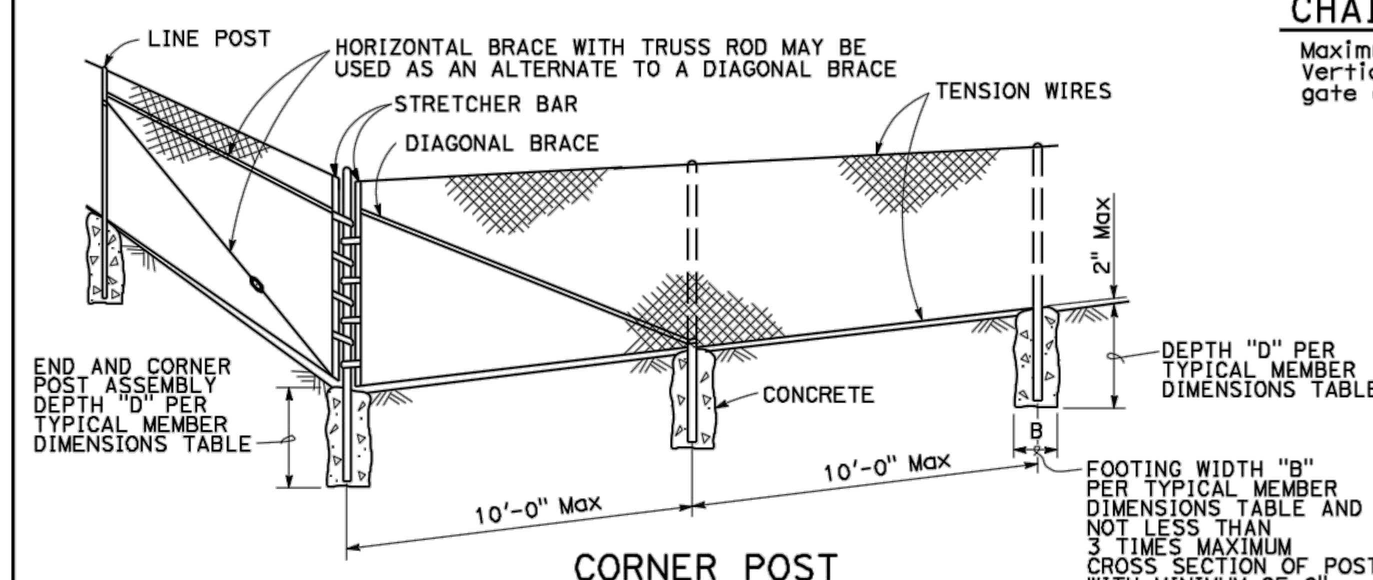
BRACED LINE POST INSTALLATION

Braced line post at intervals not exceeding 1000'



CHAIN LINK GATE INSTALLATION

Maximum Gate Width is 12'-0"
Vertical Stay is required in middle of gate greater than 8'-0" in width.



CORNER POST

GATE POST						
FENCE HEIGHT (Max)	SLATTED	B (in)	D (ft)	ROUND PIPE		
				ROUND OD PIPE	GROUP 1A WEIGHT (lb/ft)	GROUP 1C WEIGHT (lb/ft)
5'-0"	NO	12"	2'-6"	3.50"	7.58	5.71
6'-0"	NO	12"	2'-6"	3.50"	7.58	5.71
8'-0"	NO	12"	3'-0"	3.50"	7.58	5.71
10'-0"	NO	14"	3'-6"	3.50"	7.58	5.71
5'-0"	YES	12"	3'-0"	4.00"	9.12	6.56
6'-0"	YES	14"	3'-6"	4.50"	10.80	-
8'-0"	YES	18"	3'-6"	5.56"	14.60	-
10'-0"	YES	20"	4'-0"	6.63"	19.00	-

Above post dimensions and weights are minimums.
Larger sizes may be used upon approval.

TYPICAL MEMBER DIMENSIONS (See Notes)													
FENCE HEIGHT (Max)	SLATTED	B (in)	D (ft)	LINE POSTS					BRACES				
				ROUND PIPE			ROLL FORMED		ROUND PIPE			ROLL FORMED	
				ROUND OD PIPE	GROUP 1A WEIGHT (lb/ft)	GROUP 1C WEIGHT (lb/ft)	SECTION	WEIGHT (lb/ft)	ROUND OD PIPE	GROUP 1A WEIGHT (lb/ft)	GROUP 1C WEIGHT (lb/ft)	SECTION	WEIGHT (lb/ft)
5'-0"	NO	8"	2'-6"	1.90"	2.72	2.28	1.875" x 1.625"	1.85	1.90"	2.72	2.28	1.625" x 1.250"	1.35
6'-0"	NO	10"	2'-6"	2.38"	3.66	3.12	1.875" x 1.625"	2.40	2.38"	3.66	3.12	1.625" x 1.250"	1.35
8'-0"	NO	12"	3'-0"	2.88"	5.80	4.64	3.250" x 2.500"	4.50	2.38"	3.66	3.12	1.625" x 1.250"	1.35
10'-0"	NO	14"	3'-6"	3.50"	7.58	5.71	3.250" x 2.500"	4.50	2.88"	5.80	4.64	1.625" x 1.250"	1.35
5'-0"	YES	12"	3'-0"	4.00"	9.12	6.56	N/A	-	2.38"	3.66	3.12	N/A	-
6'-0"	YES	14"	3'-0"	4.50"	10.80	-	N/A	-	2.38"	3.66	3.12	N/A	-
8'-0"	YES	18"	3'-6"	5.56"	14.60	-	N/A	-	2.38"	3.66	3.12	N/A	-
10'-0"	YES	20"	4'-0"	6.63"	19.00	-	N/A	-	2.88"	5.80	4.64	N/A	-

NOTES:

1. The table to the right shows minimum sized posts and braces complying with the specifications. Larger or heavier post and brace sizes may be used upon approval.
2. Sections shown in the tables must also comply with the strength requirements and other provisions of the Specifications.
3. Other sections which comply with the strength requirements and other provisions of the Specifications may be used upon approval.
4. Options exercised shall be uniform on any one project.
5. Offset to be 2'-0" at monument locations, measured at right angles to R/W lines. Taper to achieve offset to be at least 20'-0" long.
6. See Standard Plan A85B for Brace, Stretcher Bar, and Truss Tightener Details.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CHAIN LINK FENCE

NO SCALE

RSP A85 DATED OCTOBER 19, 2018 SUPERSEDES STANDARD PLAN A85 DATED MAY 31, 2018 - PAGE 140 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP A85

2018 REVISED STANDARD PLAN RSP A85

2-1-18

REVISED BY	DATE REVISED

JORDAN CHO — CALCULATED-DESIGNED BY
TOMMY CHO — CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR — TEFERI ABERE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®

LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022
TIME PLOTTED => 6:17pm

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	42	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER
October 16, 2020
PLANS APPROVAL DATE
REGISTERED PROFESSIONAL ENGINEER Elliot Salter No. C42692 Exp. 3-31-22 CIVIL STATE OF CALIFORNIA

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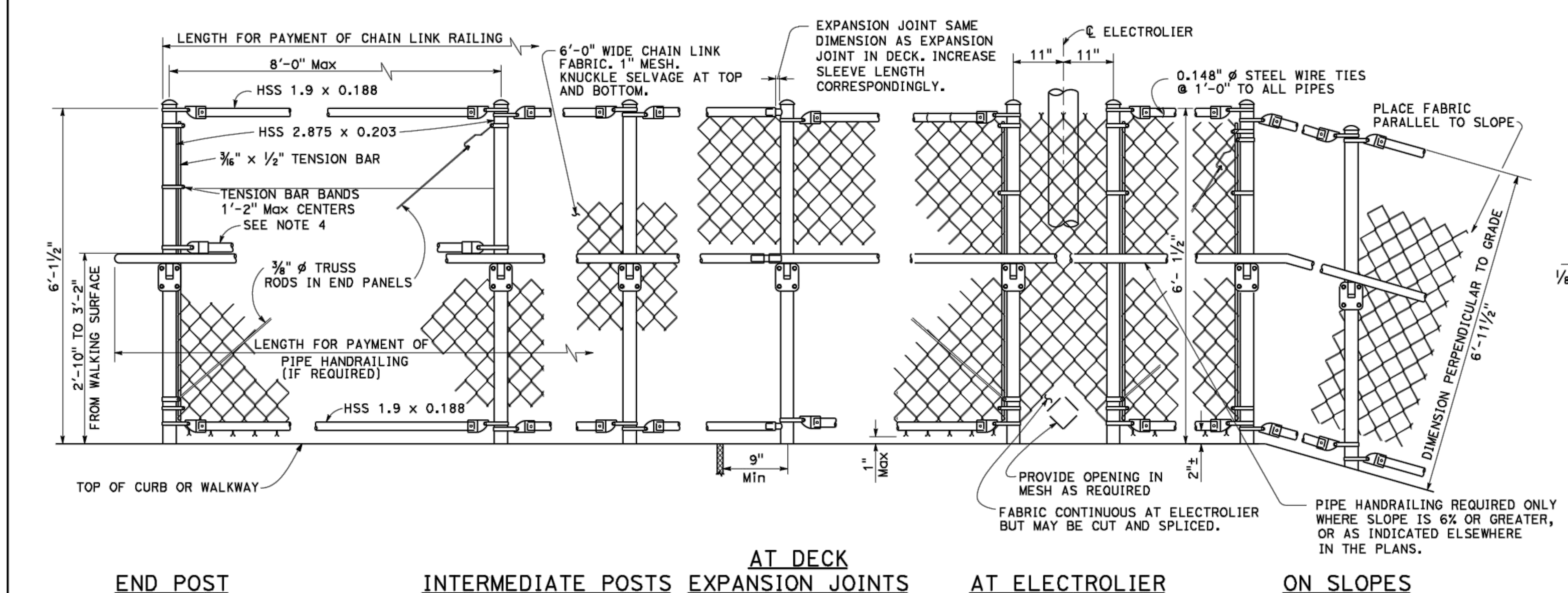
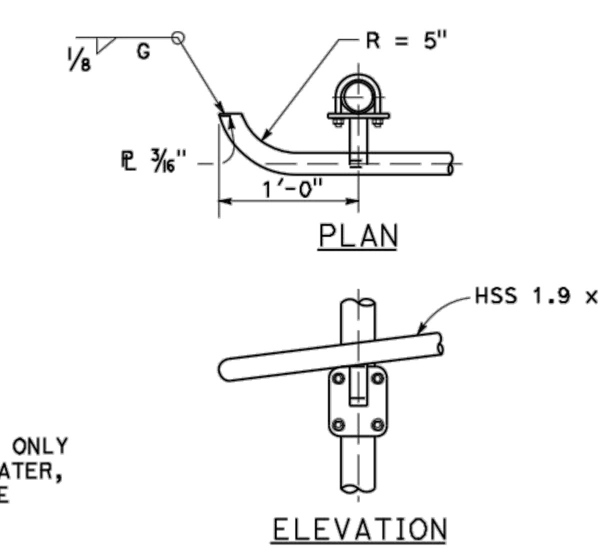
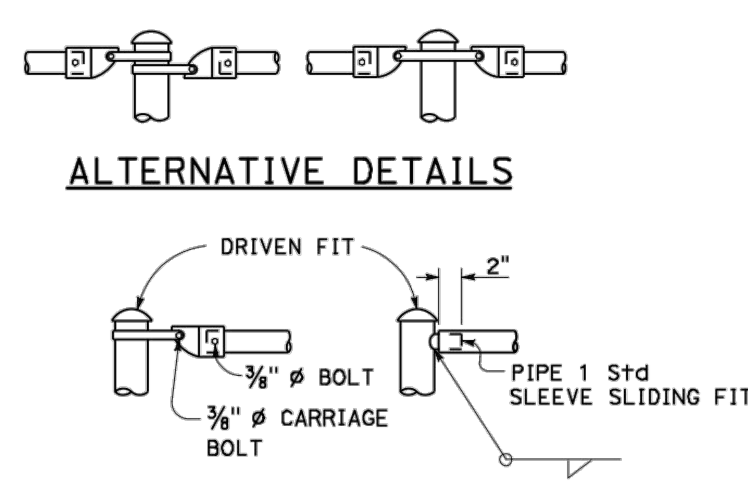
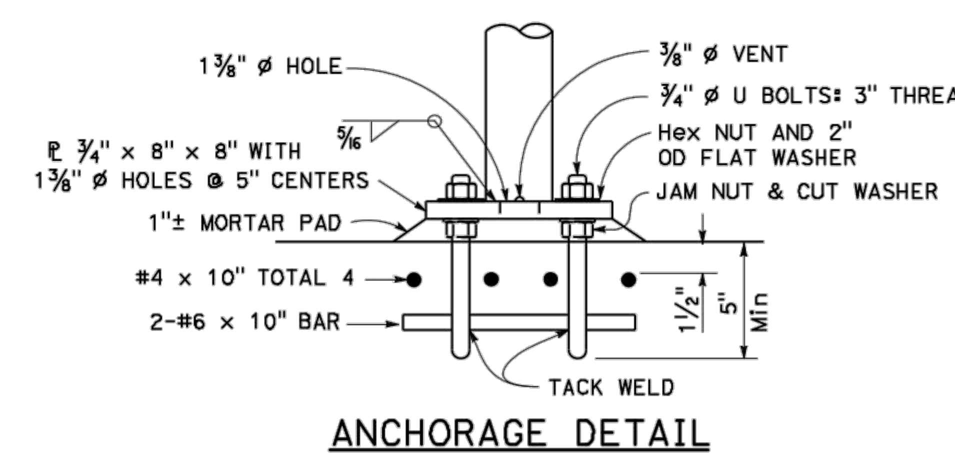
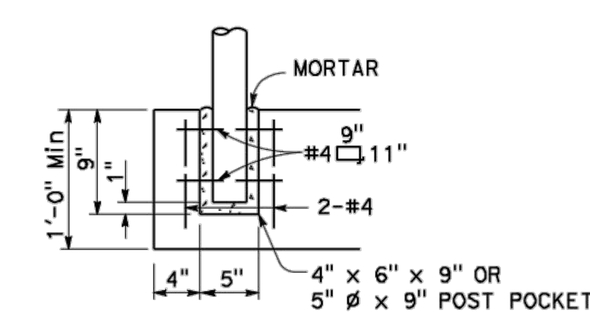
TO ACCOMPANY PLANS DATED ____











May be used when thickness of concrete is 1'-0" or more.

NOTES:

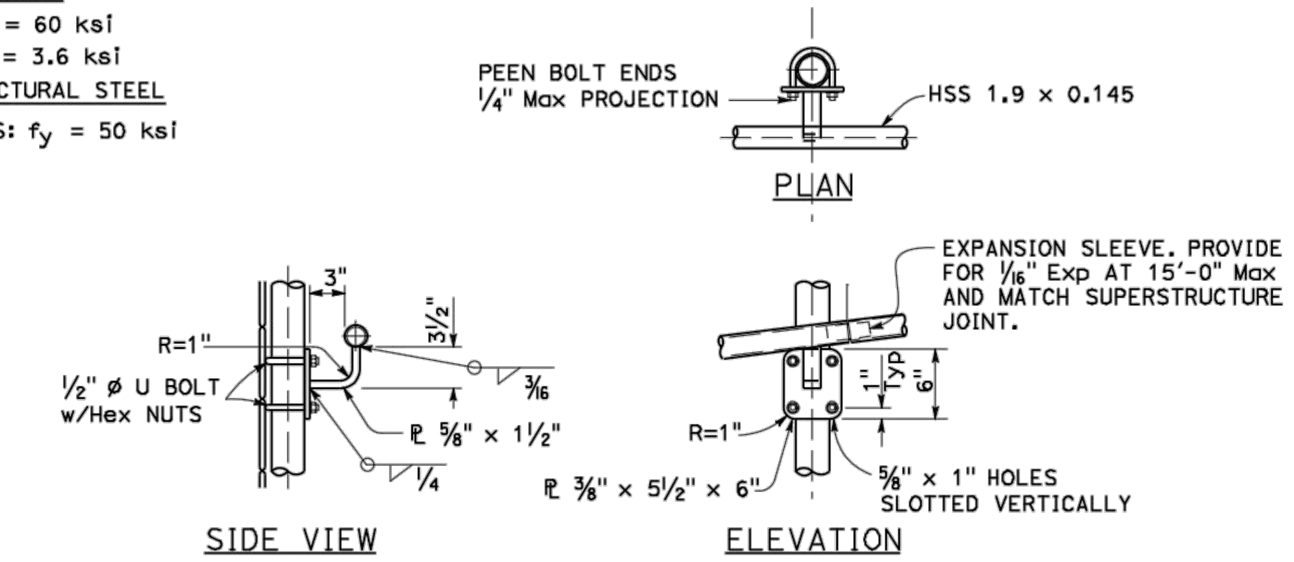
1. Peen all bolt threads.
2. Railing shall conform to horizontal and vertical alignment. Posts shall be vertical. Top and bottom pipes shall be bent if radius is 148'-0" or less; may be on 8'-0" chords if radius is over 148'-0".
3. When railing is on slope, 6'-0" chain link fabric shall be placed parallel to slope.
4. Additional HSS 1.9 x 0.188 required when radius is less than 150'-0".

DESIGN NOTES

DESIGN:
AASHTO LRFD Bridge Design Specifications 8th Edition 2017 with California Amendments April 2019

CONCRETE:
f_y = 60 ksi
f'_c = 3.6 ksi

STRUCTURAL STEEL
HSS: f_y = 50 ksi



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CHAIN LINK RAILING

NO SCALE

RSP B11-7 DATED OCTOBER 16, 2020 SUPERSEDES STANDARD PLAN B11-7 DATED MAY 31, 2018 - PAGE 358 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP B11-7

2018 REVISED STANDARD PLAN RSP B11-7

3-27-20

REVISED BY	DATE REVISED
JORDAN CHO	TOMMY CHO
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	TEFERI ABERE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DATE PLOTTED => Jun 20, 2022, 6:18pm
TIME PLOTTED =>
LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	43	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

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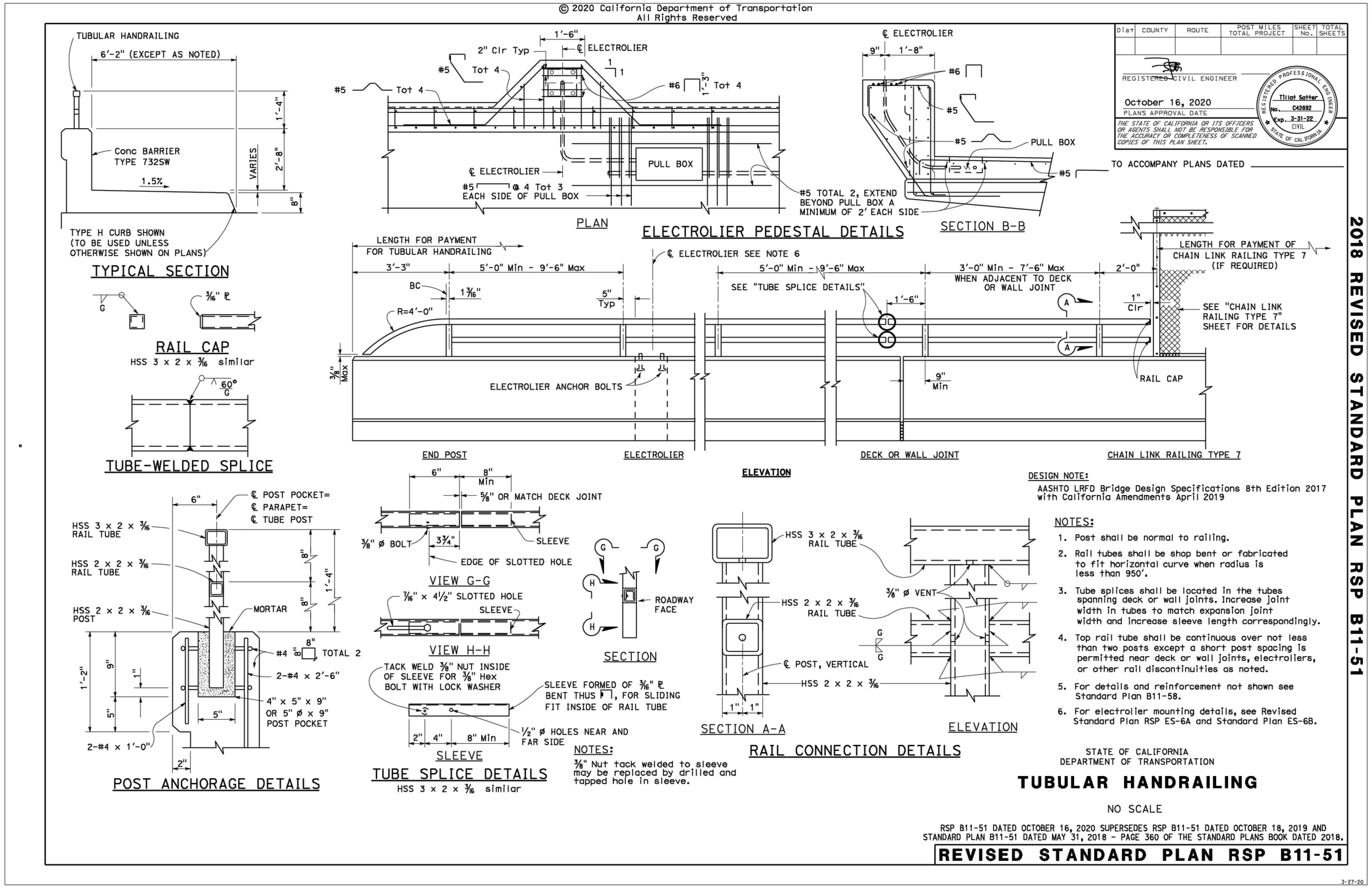
REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE

CALCULATED-DESIGNED BY: JORDAN CHO | CHECKED BY: TOMMY CHO

REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => Jun 20, 2022, 6:19pm | TIME PLOTTED =>

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	44	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED ELECTRICAL ENGINEER
April 15, 2022
PLANS APPROVAL DATE
REGISTERED PROFESSIONAL ENGINEER John L. Castro No. E17490 Exp. 6-30-23 ELECTRICAL STATE OF CALIFORNIA

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TO ACCOMPANY PLANS DATED

ANNOTATION

SYMBOL	DESCRIPTION
AB	ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS
BC	INSTALL PULL BOX IN EXISTING CONDUIT RUN
BP	PEDESTRIAN BARRICADE, TYPE AS INDICATED ON PLAN
CB	INSTALL CONDUIT INTO EXISTING PULL BOX
CC	CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED
CF	CONDUIT TO REMAIN FOR FUTURE USE. REMOVE CONDUCTORS. INSTALL PULL TAPE
DH	DETECTOR HANDHOLE
FA	FOUNDATION TO BE ABANDONED
IS	INSTALL SIGN ON SIGNAL MAST ARM
NS	NO SLIP BASE ON STANDARD
PEC	PHOTOELECTRIC CONTROL
PEU	PHOTOELECTRIC UNIT
RC	EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR
RL	RELOCATE EQUIPMENT
RR	REMOVE AND REUSE EQUIPMENT
RS	REMOVE AND SALVAGE EQUIPMENT
SC	SPLICE NEW TO EXISTING CONDUCTORS
SD	SERVICE DISCONNECT
TSP	TELEPHONE SERVICE POINT

STANDARD

NEW	EXISTING	TYPE
		15
		15D
		15 STRUCTURE
		15D STRUCTURE
		21
		21D
		21 STRUCTURE
		21D STRUCTURE
		30
		31
		32

SOFFIT AND WALL-MOUNTED LUMINAIRES

SYMBOL	DESCRIPTION
	PENDANT SOFFIT LUMINAIRE
	FLUSH-MOUNTED SOFFIT LUMINAIRE
	WALL-MOUNTED LUMINAIRE
	EXISTING SOFFIT OR WALL-MOUNTED LUMINAIRE TO REMAIN UNMODIFIED
M	EXISTING SOFFIT OR WALL-MOUNTED LUMINAIRE TO BE MODIFIED AS SPECIFIED

NOTE:
Arrow indicates "street side" of luminaire.

MISCELLANEOUS ELECTROLIERS

NEW	EXISTING	DESCRIPTION
		LUMINAIRE ON WOOD POLE
		NON-STANDARD ELECTROLIER (SEE PROJECT LEGEND)
C	C	CITY ELECTROLIER
L	L	ELECTROLIER FOUNDATION (FUTURE INSTALLATION)

2018 REVISED STANDARD PLAN RSP ES-1A

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (LEGEND)

NO SCALE

RSP ES-1A DATED APRIL 15, 2022 SUPERSEDES RSP ES-1A DATED OCTOBER 15, 2021 AND RSP ES-1A DATED OCTOBER 19, 2018 AND STANDARD PLAN ES-1A DATED MAY 31, 2018 - PAGE 475 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-1A

12-3-21

REVISED BY	DATE REVISED
JORDAN CHO	TOMMY CHO
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	TEFERI ABERE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	45	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED ELECTRICAL ENGINEER

April 17, 2020
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER John L. Castro No. E17490 Exp. 6-30-21 ELECTRICAL STATE OF CALIFORNIA

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

TO ACCOMPANY PLANS DATED

CONDUIT

NEW	EXISTING	DESCRIPTION
		LIGHTING CONDUIT, UNLESS OTHERWISE INDICATED OR NOTED
		TRAFFIC SIGNAL CONDUIT
C	c	COMMUNICATION CONDUIT
T	t	TELEPHONE CONDUIT
F	f	FIRE ALARM CONDUIT
FO	fo	FIBER OPTIC CONDUIT
		CONDUIT TERMINATION
R	r	CONDUIT RISER ATTACHED TO THE STRUCTURE OR SERVICE POLE

SERVICE EQUIPMENT

NEW	EXISTING	DESCRIPTION
OH	oh	OVERHEAD LINES
U	U	WOOD POLE, "U" INDICATES UTILITY OWNED
		POLE GUY WITH ANCHOR
		UTILITY TRANSFORMER - GROUND MOUNTED
III	III	SERVICE EQUIPMENT ENCLOSURE TYPE. DOOR INDICATES FRONT OF ENCLOSURE
T	t	TELEPHONE DEMARCATION CABINET

POLE-MOUNTED SERVICE DESIGNATION

SYMBOL	DESCRIPTION
TYPE H SERVICE, 28'-10"	TYPE OF INSTALLATION AND POLE HEIGHT ABOVE GRADE

FLASHING BEACON

NEW	EXISTING	DESCRIPTION
R	R	FLASHING BEACON (ONE VEHICLE SIGNAL HEAD WITH BACKPLATE AND VISOR) "R" INDICATES RED INDICATION "Y" INDICATES YELLOW INDICATION
Y Y	Y Y	FLASHING BEACON WITH TYPE 15-FBS STANDARD AND A SIGN.
R R	R R	FLASHING BEACON WITH TYPES 9, 9A OR 9B SIGN UNLESS OTHERWISE SPECIFIED OR INDICATED

SIGNAL EQUIPMENT

NEW	EXISTING	DESCRIPTION
		PEDESTRIAN SIGNAL HEAD
		PUSH BUTTON ASSEMBLY POST
		PEDESTRIAN BARRICADE
		VEHICLE SIGNAL HEAD CONSISTING OF RED, YELLOW, AND GREEN SECTIONS
		VEHICLE SIGNAL HEAD WITH ANGLE VISOR
PV	PV	MODIFICATIONS OF BASIC SYMBOL: "L" INDICATES ALL NON-ARROW SECTIONS LOUVERED "LG" INDICATES LOUVERED GREEN SECTION ONLY "PV" INDICATES ALL 12" SECTIONS PROGRAMMED VISIBILITY "8" INDICATES ALL 8" SECTIONS (ONLY WHEN SPECIFIED) "PHBF" INDICATES TYPE MAS-3A FOR PEDESTRIAN HYBRID BEACON FACE
		VEHICLE SIGNAL HEAD CONSISTING OF RED, YELLOW, AND GREEN LEFT ARROW SECTIONS
		VEHICLE SIGNAL HEAD CONSISTING OF RED AND YELLOW SECTIONS WITH AN UP GREEN ARROW SECTION
		VEHICLE SIGNAL HEAD (5 SECTION) CONSISTING OF RED, YELLOW, AND GREEN SECTIONS WITH YELLOW AND GREEN RIGHT ARROW SECTIONS
		TYPE 15TS STANDARD WITH VEHICLE SIGNAL HEAD, PEDESTRIAN SIGNAL HEAD, AND LUMINAIRE
		TYPE 21TS STANDARD WITH VEHICLE SIGNAL HEAD, PEDESTRIAN SIGNAL HEAD, AND LUMINAIRE
		STANDARD WITH LUMINAIRE AND SIGNAL MAST ARMS AND ATTACHED VEHICLE SIGNAL HEADS
		TYPE 1 STANDARD WITH ATTACHED VEHICLE SIGNAL HEADS
		STANDARD WITH A SIGNAL MAST ARM, ATTACHED VEHICLE SIGNAL HEADS AND STREET NAME SIGN
		CONTROLLER ASSEMBLY. DOOR INDICATES FRONT OF CABINET
		GUARD POST
		OPTICAL DETECTOR FOR THE EMERGENCY VEHICLE DETECTION

NOTES:

1. All signal sections shall be 12" unless shown otherwise.
2. Signal heads shall be provided with backplates unless shown otherwise.

OVERHEAD SIGN

NEW	EXISTING	DESCRIPTION
		SINGLE POST, SINGLE SIGN, BALANCED BUTTERFLY
		SINGLE POST, DOUBLE SIGN, BALANCED BUTTERFLY
		SINGLE POST, SINGLE SIGN, FULL CANTILEVER
		DOUBLE POST, SINGLE SIGN
		SINGLE SIGN MOUNTED ON STRUCTURE
		SINGLE POST, SINGLE SIGN, FULL CANTILEVER WITH ELECTROLIER
		DOUBLE POST, SINGLE SIGN WITH ELECTROLIER

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (LEGEND)

NO SCALE

RSP ES-1B DATED APRIL 17, 2020 SUPERSEDES RSP ES-1B DATED OCTOBER 19, 2018 AND STANDARD PLAN ES-1B DATED MAY 31, 2018 - PAGE 476 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-1B

2018 REVISED STANDARD PLAN RSP ES-1B

12-12-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022
TIME PLOTTED => 6:22pm

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	46	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
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Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED ELECTRICAL ENGINEER
April 17, 2020
PLANS APPROVAL DATE
REGISTERED PROFESSIONAL ENGINEER John L. Castro No. E11490 Exp. 6-30-21 ELECTRICAL STATE OF CALIFORNIA

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TO ACCOMPANY PLANS DATED ______

EQUIPMENT DESIGNATION

SIGN:

SIGN No. 12345
10 OSL SCl 1.0

- EQUIPMENT IDENTIFICATION CHARACTERS
- TRANSFORMER RATING (kVA)
- LIGHTING CONTROL TYPE
- NUMBER OF OVERHEAD SIGN LUMINAIRES

LIGHTING STANDARD, SIGNAL AND LIGHTING STANDARD:

L2745 - 15'-0"

- MAST ARM LENGTH
- EQUIPMENT IDENTIFICATION CHARACTERS

SOFFIT:

L98765

- EQUIPMENT IDENTIFICATION CHARACTERS

NOTE:
EXISTING EQUIPMENT IDENTIFICATION CHARACTERS ARE SHOWN IN PARENTHESIS

MISCELLANEOUS EQUIPMENT

NEW	EXISTING	DESCRIPTION
CMS	cms	CHANGEABLE MESSAGE SIGN
		CAMERA
		HIGHWAY ADVISORY RADIO POLE AND ANTENNA
EMS	ems	EXTINGUISHABLE MESSAGE SIGN
M V	m v	DETECTION DEVICE M = MICROWAVE SENSOR V = VIDEO IMAGE SENSOR
		RADAR SPEED FEEDBACK SIGN

CONDUIT AND CONDUCTORS

CONDUIT RUN NUMBER
PAIR

7 3½"C, 2#10 (Ltg), 15#14 (Sig), 2 DLC, 12P#18, 1-COAXIAL CABLE (camera), 3-3CSC, 2 SIC

- NUMBER AND SIZE OF CONDUCTORS AND CABLES
- SIZE OF CONDUIT IN INCHES

DETAILS

- STANDARD PLAN SHEET NUMBER
- DETAIL, NUMBER, SECTION, TYPE, OR ELEVATION

(B) EQUIPMENT OR MATERIAL DESIGNATION

PHASE

PEDESTRIAN
Ø1, Ø2, Ø2P, etc. TRAFFIC PHASE IDENTIFICATION FOR SIGNALS, DETECTORS, AND PHASE DIAGRAMS
PHASE

WIRING COMPONENTS

SYMBOL	DESCRIPTION
	EXTERNAL CONDUCTOR
	CONDUCTOR OR BUS
	TIE POINT
	CONTACTOR COIL
	CONTACTOR, NO CONTACT
	TERMINAL BLOCKS
	CONTACTOR, NC CONTACT
	ENCLOSURE BOND
	GROUNDING ELECTRODE
	CIRCUIT BREAKER
	RECEPTACLE

HANDHOLES, PULL BOXES, AND VAULTS

NEW	EXISTING	DESCRIPTION
DH	dh	DETECTOR HANDHOLE
		PULL BOX, No. 5 UNLESS OTHERWISE INDICATED
V	V	VAULT

DESIGNATION 6(E) TYPE (T)

DESIGNATIONS:
- 3 No. 3 PULL BOX
- 5 No. 5 PULL BOX
- 6 No. 6 PULL BOX
- 7 No. 7 PULL BOX (CEILING)
- 8 No. 8 PULL BOX
- 9 No. 9 PULL BOX (STRUCTURE)
- 9A No. 9A PULL BOX (STRUCTURE)

TYPE:
- (E) EXTENDED PULL BOX
- (T) TRAFFIC PULL BOX
- (TR) TAMPER-RESISTANT PULL BOX

VEHICLE DETECTOR DESIGNATION

5 J 9 U

- INPUT FILE (U = UPPER, L = LOWER)
- SLOT NUMBER IN INPUT FILE (1 TO 9)
- INPUT FILE (I OR J)
- PHASE (1 TO 8)

DETECTORS

NEW	EXISTING	DESCRIPTION
		TYPE A LOOP DETECTOR. OUTLINE OF SAW CUT SHOWN
		TYPE B LOOP DETECTOR. OUTLINE OF SAW CUT SHOWN
		TYPE C LOOP DETECTOR. OUTLINE OF SAW CUT SHOWN
		TYPE D LOOP DETECTOR. OUTLINE OF SAW CUT SHOWN
		TYPE E LOOP DETECTOR. OUTLINE OF SAW CUT SHOWN
		TYPE F LOOP DETECTOR. OUTLINE OF SAW CUT SHOWN
		TYPE Q LOOP DETECTOR. OUTLINE OF SAW CUT SHOWN
		MICROWAVE OR VIDEO DETECTION ZONE

2018 REVISED STANDARD PLAN RSP ES-1C

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (LEGEND)

NO SCALE

RSP ES-1C DATED APRIL 17, 2020 SUPERSEDES RSP ES-1C DATED OCTOBER 18, 2019 AND RSP ES-1C DATED OCTOBER 19, 2018 AND STANDARD PLAN ES-1C DATED MAY 31, 2018 - PAGE 477 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-1C

12-13-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022, 6:23pm
TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	47	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED ELECTRICAL ENGINEER
October 18, 2019
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Hamid Zolfaghari No. E15636 Exp. 12-31-19 ELECTRICAL STATE OF CALIFORNIA

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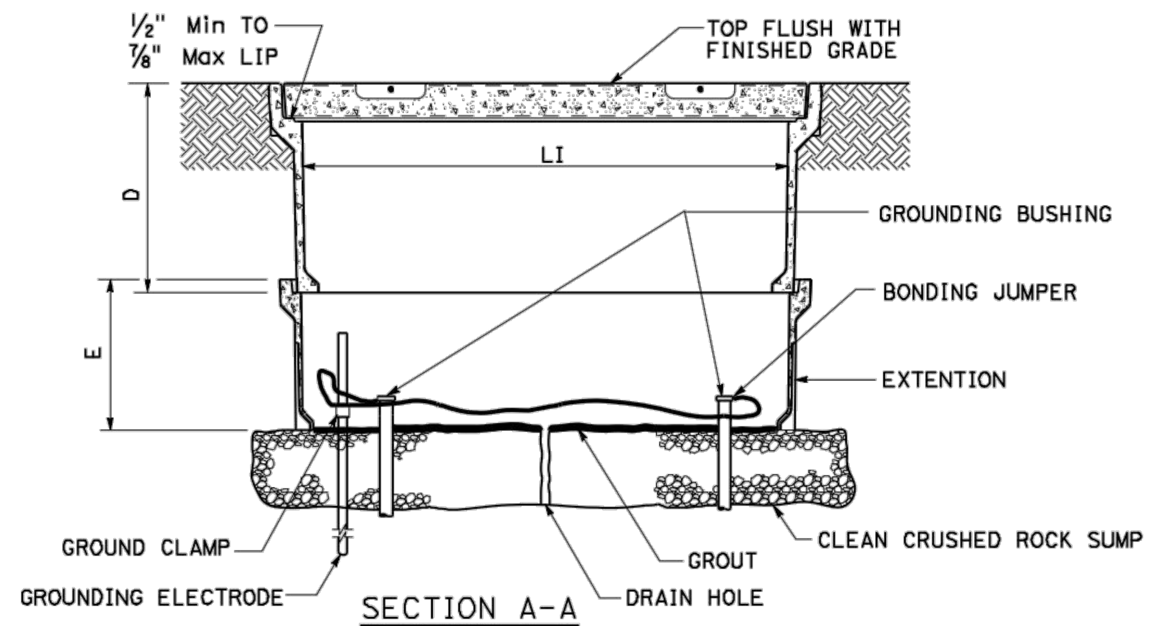
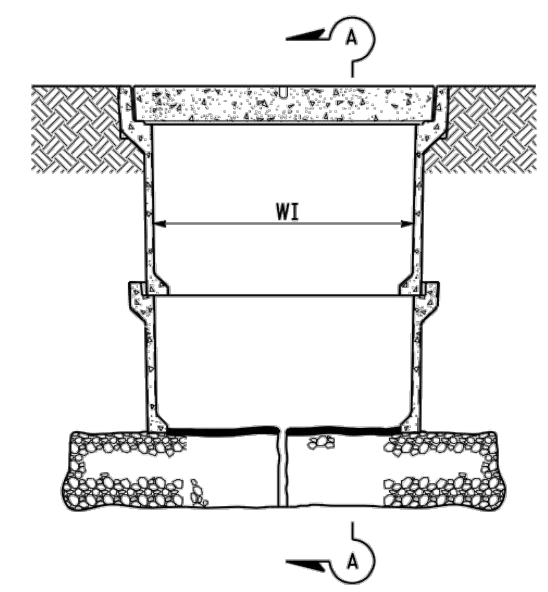
TO ACCOMPANY PLANS DATED ____________



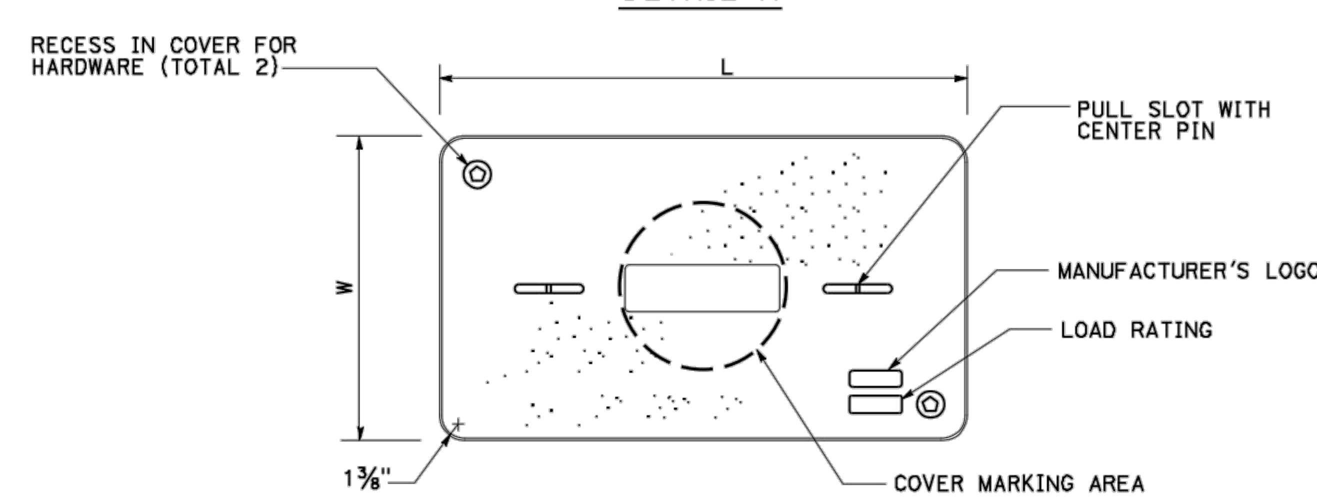
SECTION A-A



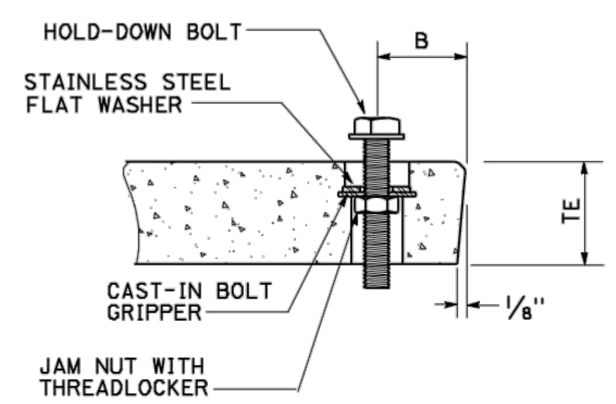
SIDE VIEW

INSTALLATION DETAILS

DETAIL A

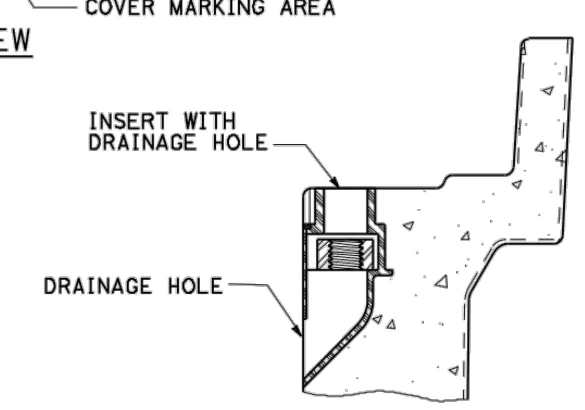


COVER TOP VIEW



TYPICAL COVER CAPTIVE BOLT

OR SIMILAR



TYPICAL THREADED INSERT

OR SIMILAR

NOMINAL DIMENSIONS TABLE

PULL BOX						COVER				
PULL BOX TYPE	MINIMUM DEPTH BOX (D)	MINIMUM DEPTH EXTENSION (E)	MAXIMUM WEIGHT	LI Min	WI Min	TE	B	L	W	MAXIMUM WEIGHT
No. 3½	12"	N/A	40 lb	1'-2⅜"	9"	1⅝"-1¾"	1¾"	1'-3¼" - 1'-3⅜"	10" - 10⅛"	30 lb
No. 5	12"	10"	65 lb	1' - 8"	11"	2"	1¾"	1'-11¼"	1'-1¾"	60 lb
No. 6	12"	10"	70 lb	2' - 4¼"	1' - 3¼"	2"	2"	2'-6½"	1'-5½"	95 lb

2018 REVISED STANDARD PLAN RSP ES-8A

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (NON-TRAFFIC PULL BOX)

NO SCALE

RSP ES-8A DATED OCTOBER 18, 2019 SUPERSEDES STANDARD PLAN ES-8A DATED MAY 31, 2018 - PAGE 532 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-8A

7-17-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022, 6:24pm
TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	48	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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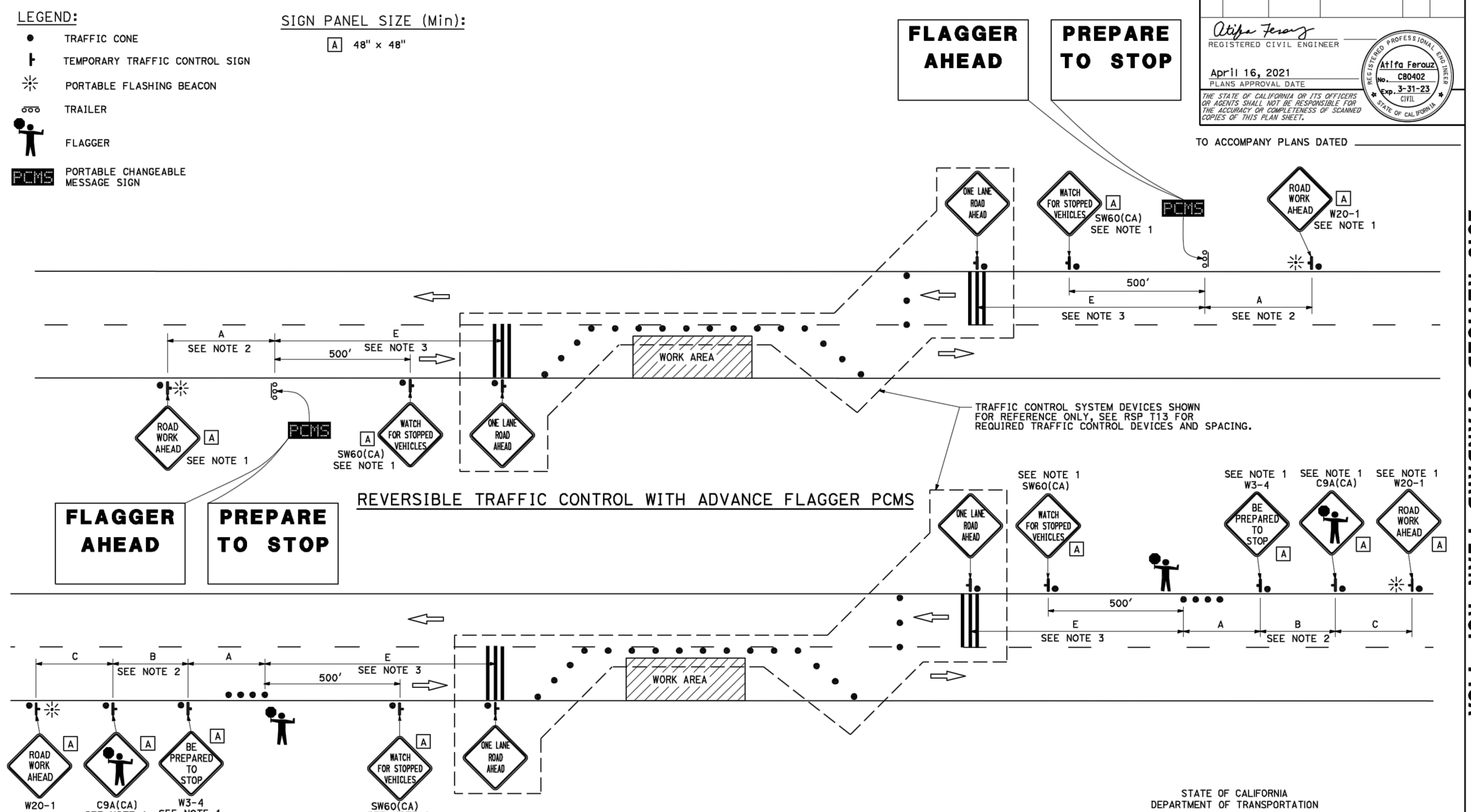
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

2018 REVISED STANDARD PLAN RSP T13A



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER
April 16, 2021
PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
REGISTERED PROFESSIONAL ENGINEER Atifa Ferouz No. C80402 Exp. 3-31-23 CIVIL STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED ______

NOTES:

1. Sign must be equiped with at least two flags for daytime closures. Flags must be orange in color and at least 16 inches by 16 inches in size. Place flashing beacons as shown for closures during hours of darkness.
2. See Standard Plan T9, Table 3 for advanced warning sign spacing.
3. See Standard Specification 12-4.02C.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM TWO LANE CONVENTIONAL HIGHWAYS

NO SCALE

RSP T13A DATED APRIL 16, 2021 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP T13A

12-9-20

STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: TEFERI ABERE
CALCULATED-DESIGNED BY: JORDAN CHO
CHECKED BY: TOMMY CHO
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022, 6:25pm
TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2,11.3	49	79

REGISTERED CIVIL ENGINEER 6/03/2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TEFERI M. ABERE 63802 Exp. 9-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

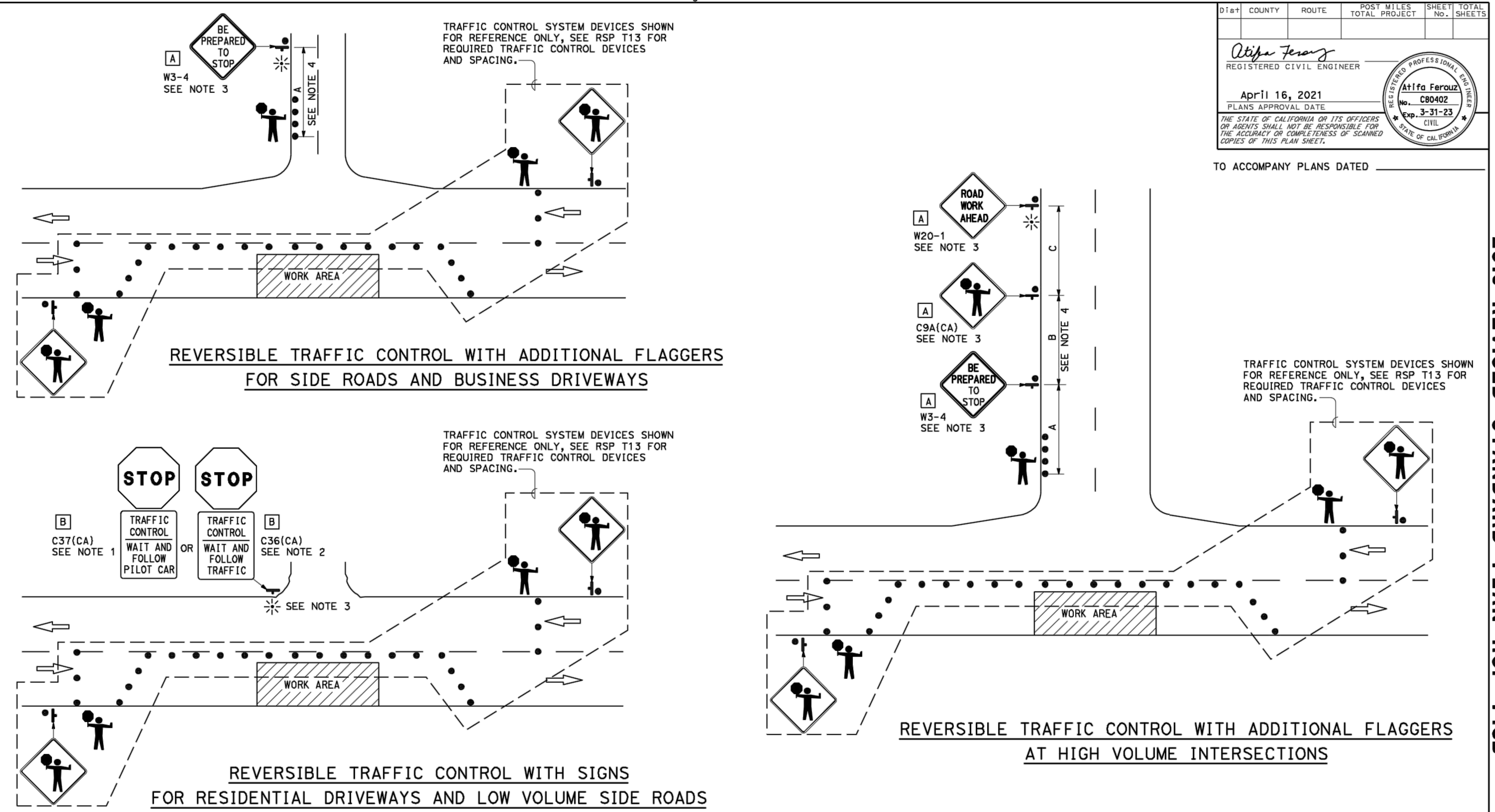
TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Atifa Ferouz
REGISTERED CIVIL ENGINEER
April 16, 2021
PLANS APPROVAL DATE
REGISTERED PROFESSIONAL ENGINEER Atifa Ferouz No. C80402 Exp. 3-31-23 CIVIL STATE OF CALIFORNIA

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

TO ACCOMPANY PLANS DATED



2018 REVISED STANDARD PLAN RSP T13B

NOTES:

1. Place C37(CA) sign when pilot car is used.
2. Place C36(CA) sign when pilot car is not used.
3. Sign must be equipped with at least two flags for daytime closures. Flags must be orange in color and at least 16 inches by 16 inches in size. Place flashing beacons as shown for closures during hours of darkness.
4. See Standard Plan T9, Table 3 for advance warning sign spacing.

LEGEND:

- ● TRAFFIC CONE
- TEMPORARY TRAFFIC CONTROL SIGN
- PORTABLE FLASHING BEACON
- FLAGGER

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 36" x 42"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM TWO LANE CONVENTIONAL HIGHWAYS

NO SCALE

RSP T13B DATED APRIL 16, 2021 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP T13B

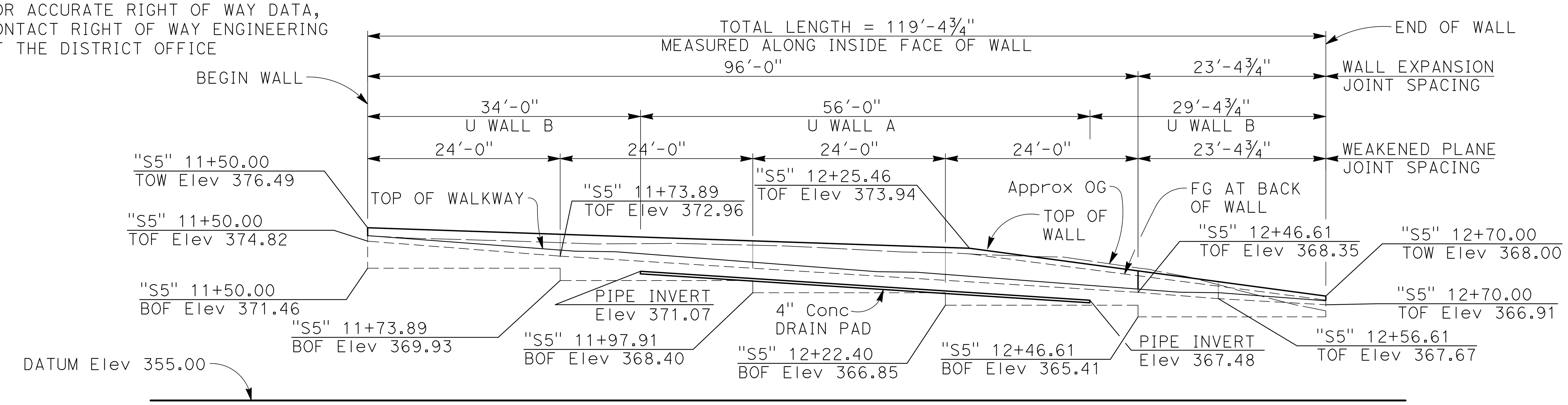
10-15-20

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR	TEFERI ABERE
CALCULATED-DESIGNED BY	JORDAN CHO
CHECKED BY	TOMMY CHO
REVISED BY	
DATE REVISED	

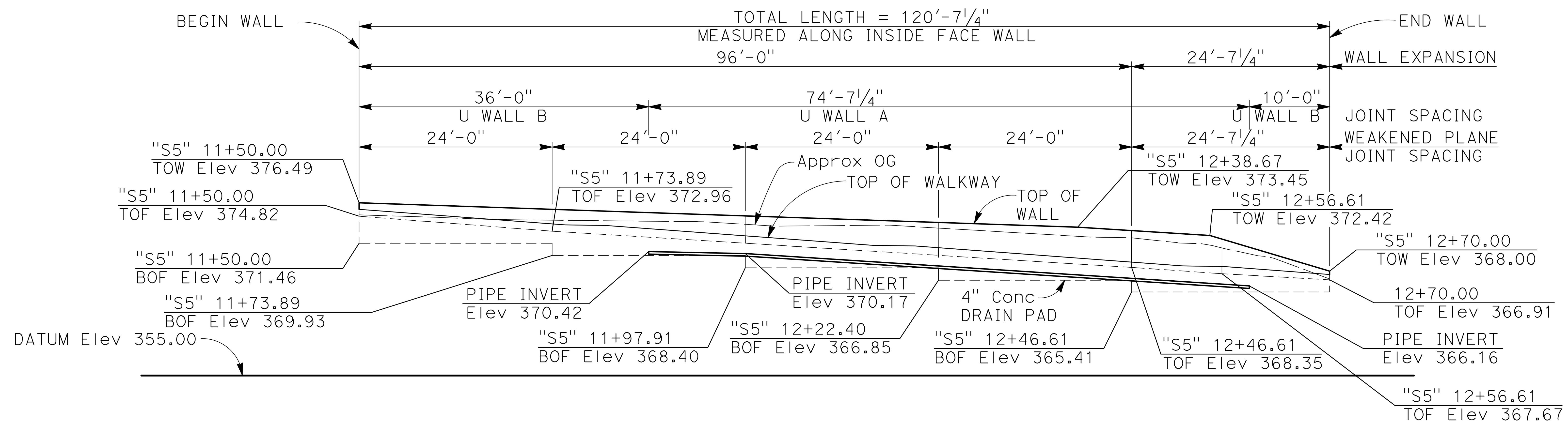
LAST REVISION 00-00-00
DATE PLOTTED => Jun 20, 2022, 6:27pm
TIME PLOTTED =>

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE



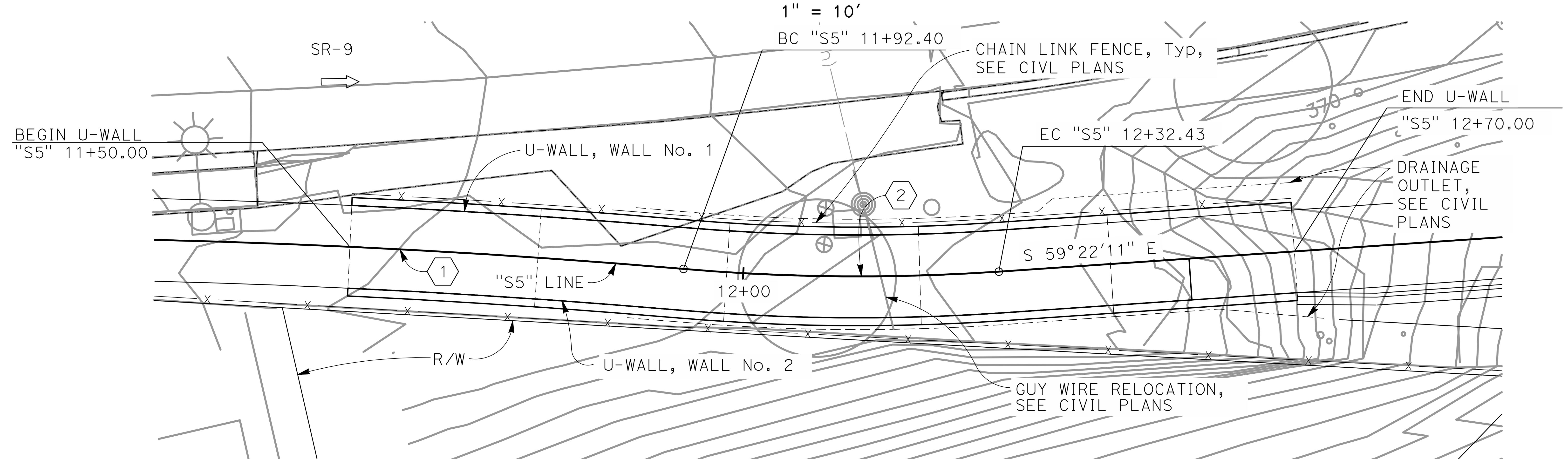
U WALL - WALL No. 1 DEVELOPED ELEVATION

1" = 10′



U-WALL - WALL No. 2 DEVELOPED MIRRORED ELEVATION

1" = 10′



NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

PLAN

1" = 10′

NOTES:
1. This plan accurate for retaining wall work only.
2. Top of wall profiles are linear between points shown unless noted otherwise.
3. Top of footing is level normal to "S5" line, Typ.
4. For footing step details, see B3-5 / -.
5. For Concrete Surface Texture, see "FORMLINER AND RAILING LAYOUT" sheet.
6. For top of walkway elevatons, see CIVIL PLANS.
7. Apply anti-graffiti coating to be sides, ends and the top of wall surface that are above finished grade.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	50	79

REGISTERED CIVIL ENGINEER 6-30-2022 DATE

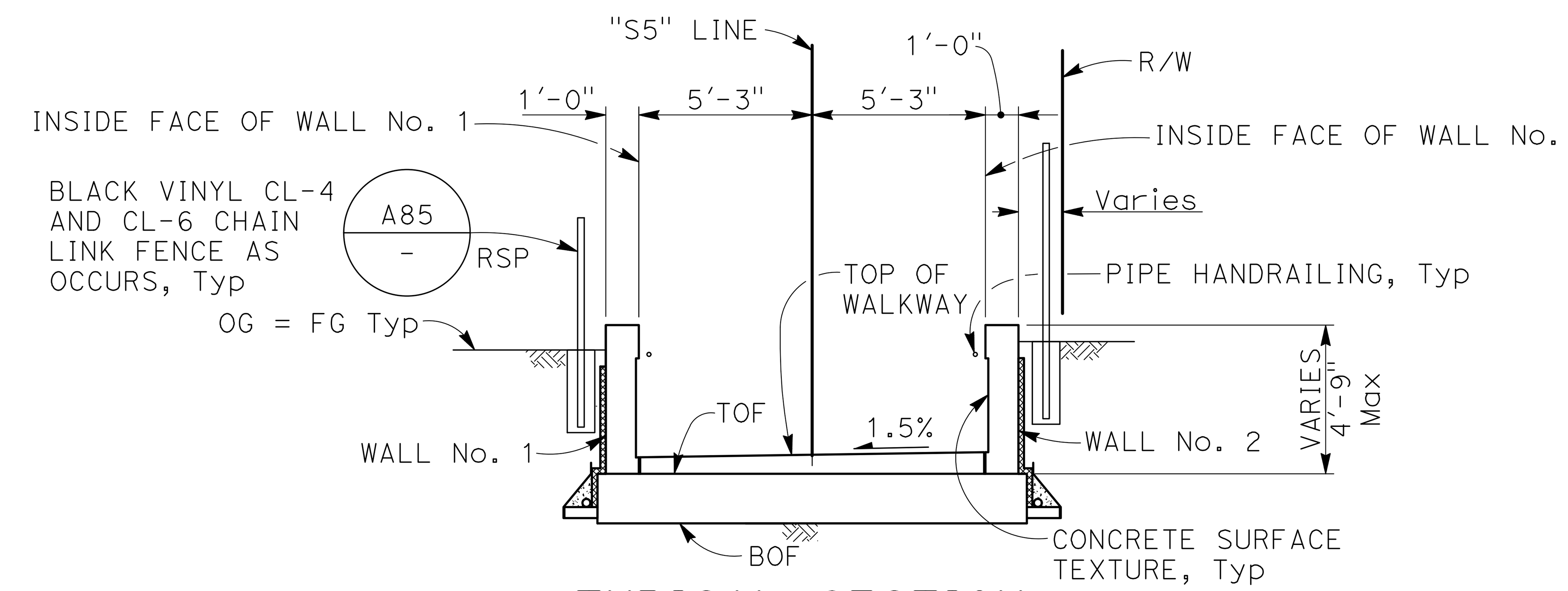
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/24 CIVIL STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



TYPICAL SECTION

¼" = 1′-0″

INDEX TO BRIDGE PLANS

SHEET	TITLE
1	GENERAL PLAN
2	FORMLINER AND RAILING LAYOUT
3	U-WALL STRUCTURE DETAILS

2018 STANDARD PLANS

	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
RSP	A85	CHAIN LINK FENCE
	B-03	BRIDGE DETAILS
	B3-5	RETAINING WALL DETAILS NO. 1
	B9-6	STRUCTURE APPROACH DRAINAGE DETAILS
	B3-6	RETAINING WALL DETAILS NO. 2
RSP	B11-7	CHAIN LINK RAILING

CURVE DATA				
CURVE	R	△	T	L
1	1100.0′	05°37′33″	54.05′	108.01′
2	260.0′	08°49′18″	20.06′	40.03′

(2019343UW_S1)

2019343

LANCE SCHREY *Lance Schrey* DESIGN OVERSIGHT 7/26/22 SIGN OFF DATE	DESIGN	BY A. RICHARDSON	CHECKED K. ELLSWORTH	SEISMIC ANALYSIS	BY	CHECKED
	DETAILS	BY A. RICHARDSON	CHECKED K. ELLSWORTH	LAYOUT	BY A. RICHARDSON	CHECKED I. LI
	QUANTITIES	BY T. TECHAJONGCHAREON	CHECKED K. ELLSWORTH	SPECIFICATIONS	BY A. RICHARDSON	PLANS AND SPECS COMPARED I. LI

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37E0137
POST MILES 11.1/11.4

LOS GATOS TRAILHEAD CONNECTOR U-WALL
GENERAL PLAN

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => $DATE TIME PLOTTED => $TIME
FILE => $REQUEST USERNAME => $USER

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE:

COUNTY/ROUTE:
CONTRACT No.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET 1 OF 3

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	51	79

REGISTERED CIVIL ENGINEER — 6-30-2022 DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

PLANS APPROVAL DATE

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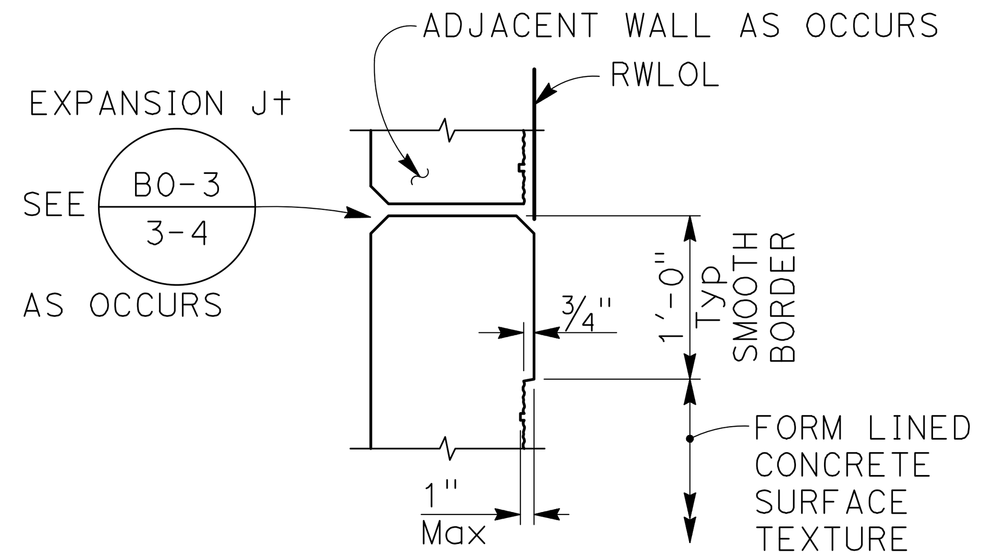
TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607

Note: Edge of formed borders and reveals may be angled at 10 degrees at contractor's option to facilitate form removal.

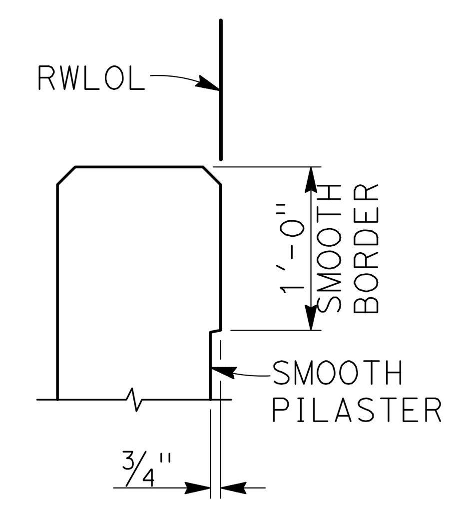
LEGEND:

Indicates form lined Conc surface texture



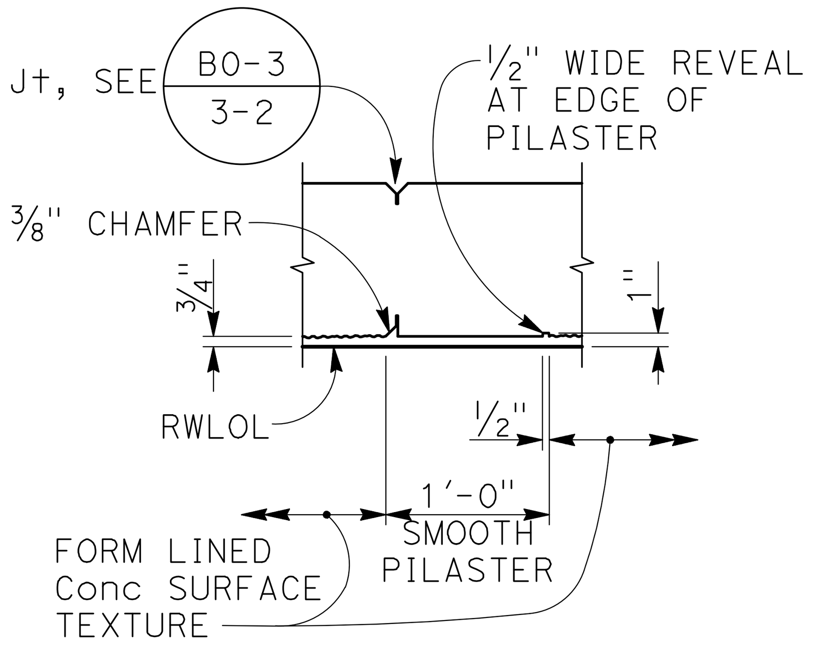
SECTION A-A

1" = 1'-0"



SECTION B-B

1" = 1'-0"

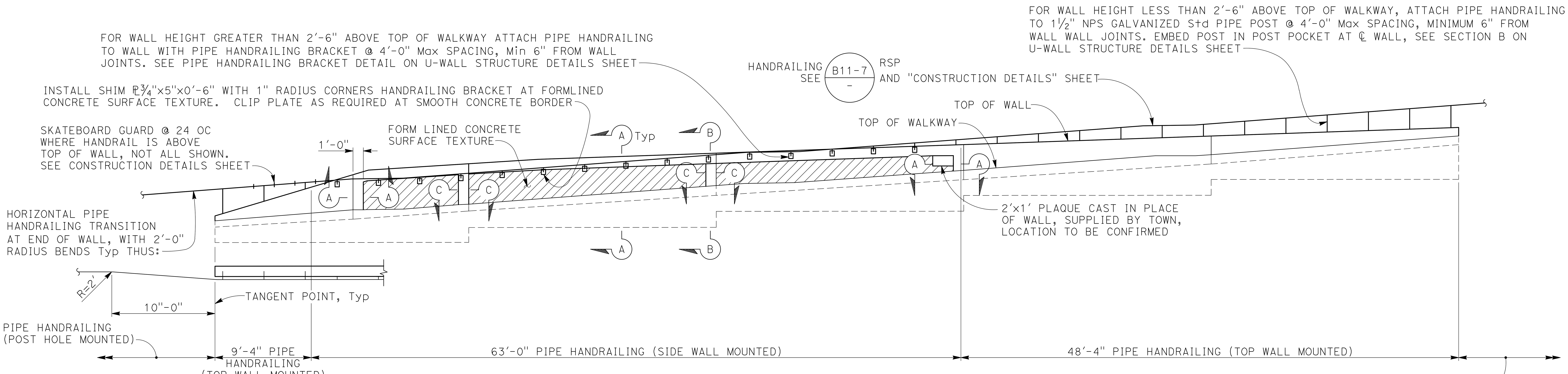


SECTION C-C

1" = 1'-0"

U-WALL - WALL No. 1 DEVELOPED ELEVATION

1" = 5'



U-WALL - WALL No. 2 DEVELOPED ELEVATION

1" = 5'

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

LANCE SCHREY *Lance Schrey*
DESIGN OVERSIGHT
7/26/22
SIGN OFF DATE

	BY	CHECKED
DESIGN	A. RICHARDSON	K. ELLSWORTH
DETAILS	A. RICHARDSON	K. ELLSWORTH
QUANTITIES	T. TECHAJONGCHAREON	K. ELLSWORTH

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37E0137
POST MILES 11.1/11.4

LOS GATOS TRAILHEAD CONNECTOR U-WALL
FORMLINER AND RAILING LAYOUT

REGISTERED CIVIL ENGINEER 6-30-2022 DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/24 CIVIL STATE OF CALIFORNIA

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607

GENERAL NOTES:

DESIGN: AASHTO LRFD Bridge Design Specifications, 8th Edition with California Amendments, preface dated September 2017

LS: Varied surcharge on level ground surface.

DC: Stem Concrete Surface Texture of thickness up to 6" of concrete (75 psf) considered.

SEISMIC: K_h = 0.28
K_v = 0.0

SOIL: ϕ = 34°
γ = 120 pcf

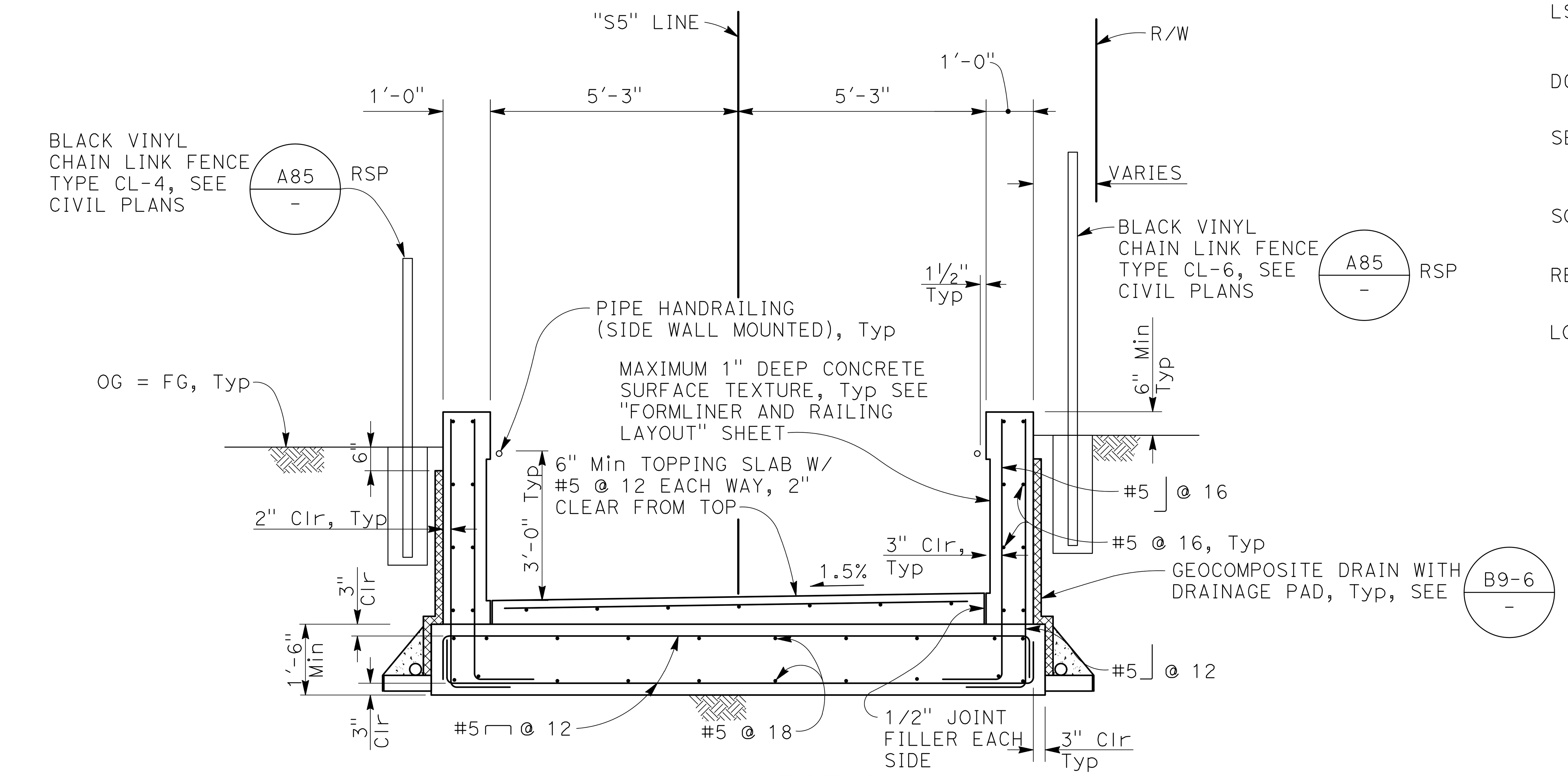
REINFORCED CONCRETE: $f'c$ = 3,600 psi
fy = 60,000 psi

LOAD COMBINATIONS AND LIMIT STATES:

- Service I: Q = 1.00DC+1.00EH+1.00LS
- Strength I: Q = aDC+bEH+nEH+1.75LS
- Extreme I: Q = 1.00DC+1.00EV+1.00EH+1.00EQD+1.00EQE

Where:

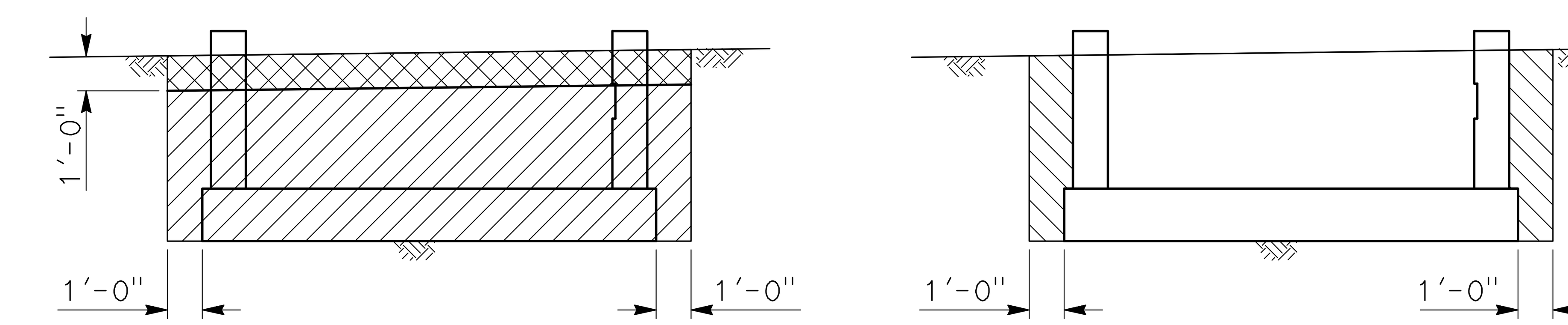
- Q: Force Effects
- a: 1.25 or 0.90, Whichever Controls Design
- b: 1.35 or 1.00, Whichever Controls Design
- n: 1.50 or 0.90, Whichever Controls Design
- DC: Dead Load of Structure Components
- EH: Horizontal Earth Fill Pressure
- EV: Vertical Earth Pressure from Earth Fill Weight
- LS: Live Load Surcharge
- EQE: Seismic Earth Pressure
- LS: Soil and Structural and Nonstructural Components Inertia



U-WALL A SECTION

½" = 1'-0"

NOTE:
See formliner and railing layout sheet for transition from pipe handrailing (post mounted) to pipe handrailing (top of wall mounted).



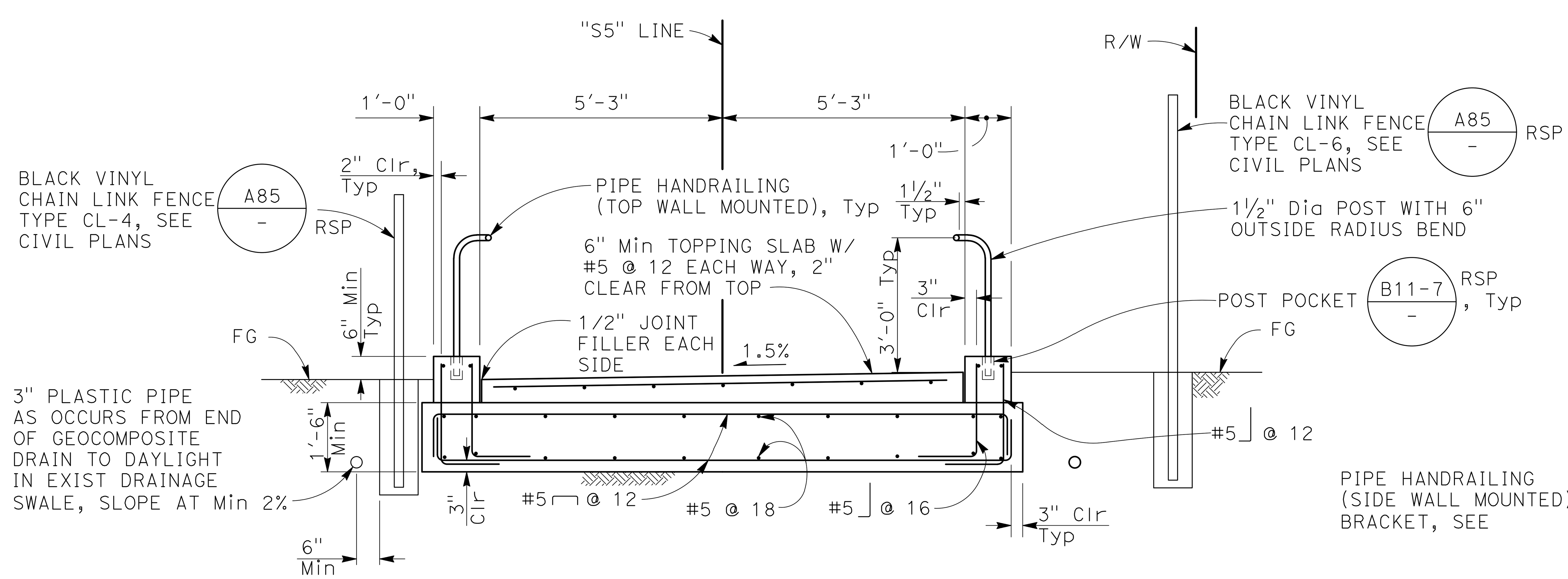
STRUCTURE EXCAVATION

STRUCTURE BACKFILL

STRUCTURE EXCAVATION (TYPE R-1) (AERIALLY DEPOSITED LEAD)

LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL

NO SCALE



U-WALL B SECTION

½" = 1'-0"

NOTE:
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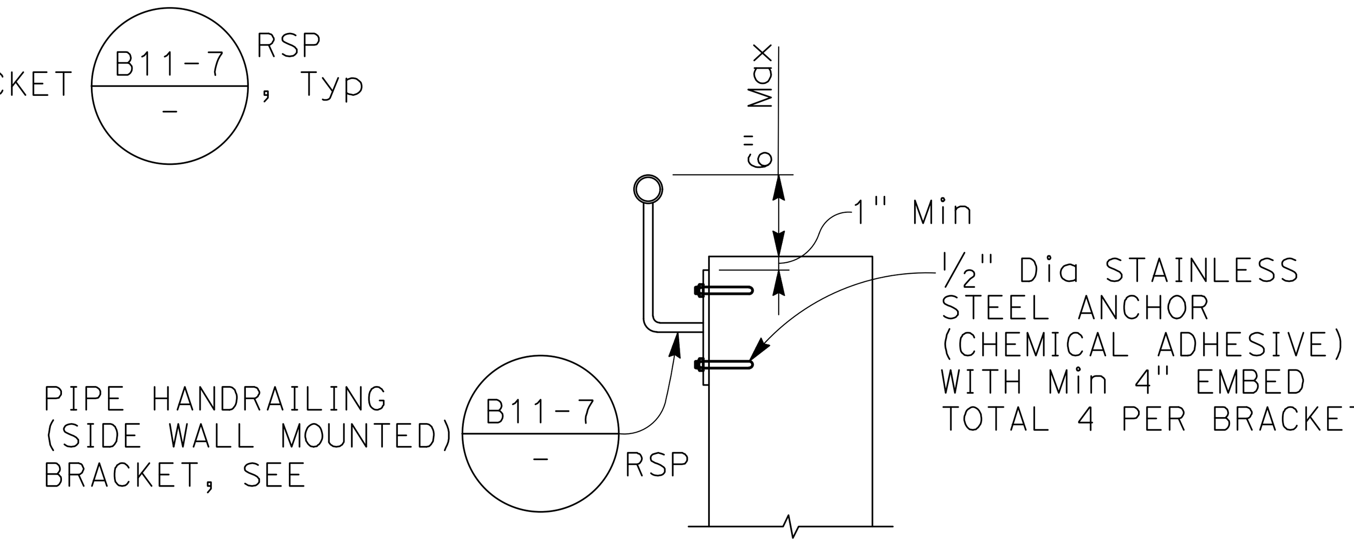
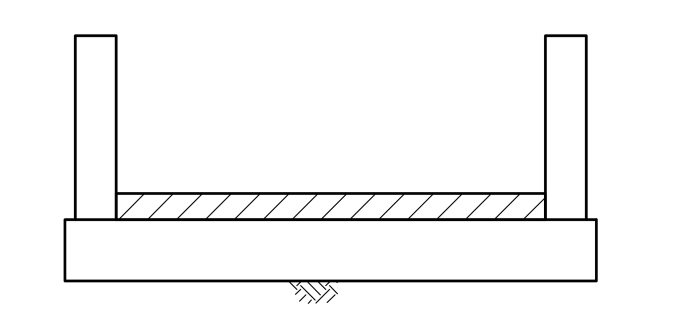


PIPE HANDRAILING BRACKET

1" = 1'-0"



STRUCTURAL CONCRETE (RETAINING WALL)

MINOR CONCRETE (SIDEWALK)

CONCRETE STRENGTH AND TYPE LIMITS

NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.1/11.4	53	79

REGISTERED CIVIL ENGINEER 4-20-2022 DATE

8/24/2022

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/22 CIVIL STATE OF CALIFORNIA

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BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE

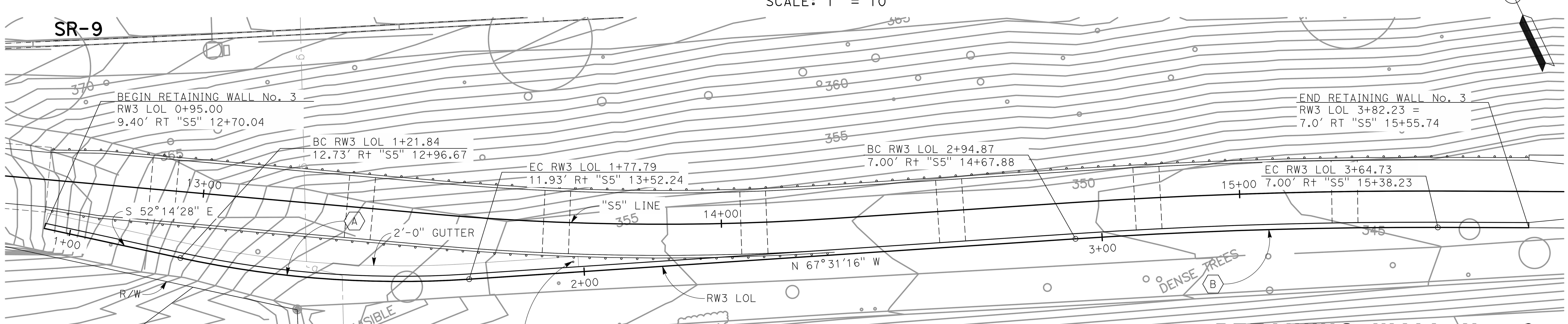
CURVE DATA				
CURVE	R	△	T	L
A	200.00′	16°01′43″	28.16	55.95
B	998.00′	04°00′39″	34.94	69.86

NOTES:

1. THIS PLAN ACCURATE FOR RETAINING WALL WORK ONLY
2. FOR TYPICAL SECTIONS, SEE "GENERAL PLAN No. 2" SHEET.
3. TOP OF WALL PROFILES ARE LINEAR BETWEEN POINTS SHOWN UNLESS NOTED OTHERWISE.
4. TOP OF FOOTING IS LEVEL, Typ.
5. SEE CIVIL PLANS FOR RIGHT-OF-WAY AND UTILITIES NOT SHOWN.
6. FOR FOOTING STEP DETAILS, SEE B3-5 / -
7. FOR CONCRETE SURFACE TEXTURE SEE "FORMLINER AND RAILING LAYOUT" SHEETS.
8. ANTI-GRAFFITI COATING SHOULD BE APPLIED TO BOTH SIDES, ENDS AND THE TOP OF WALL SURFACE THAT ARE ABOVE FINISHED GRADE.

RETAINING WALL No. 3 - DEVELOPED ELEVATION

SCALE: 1″ = 10′



PLAN

SCALE: 1″ = 10′

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

RETAINING WALL No. 3 GENERAL PLAN No. 1

SCALE: AS SHOWN

R-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: A. RICHARDSON

CALCULATED-DESIGNED BY: A. RICHARDSON | CHECKED BY: I. LI

REVISED BY | DATE REVISED

2019343 (2019343R3_R-1)

LAST REVISION 4-15-21 | DATE PLOTTED => $date | TIME PLOTTED => $time

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.1/11.4	54	79

REGISTERED CIVIL ENGINEER 4-20-2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp. 6/30/22 CIVIL STATE OF CALIFORNIA

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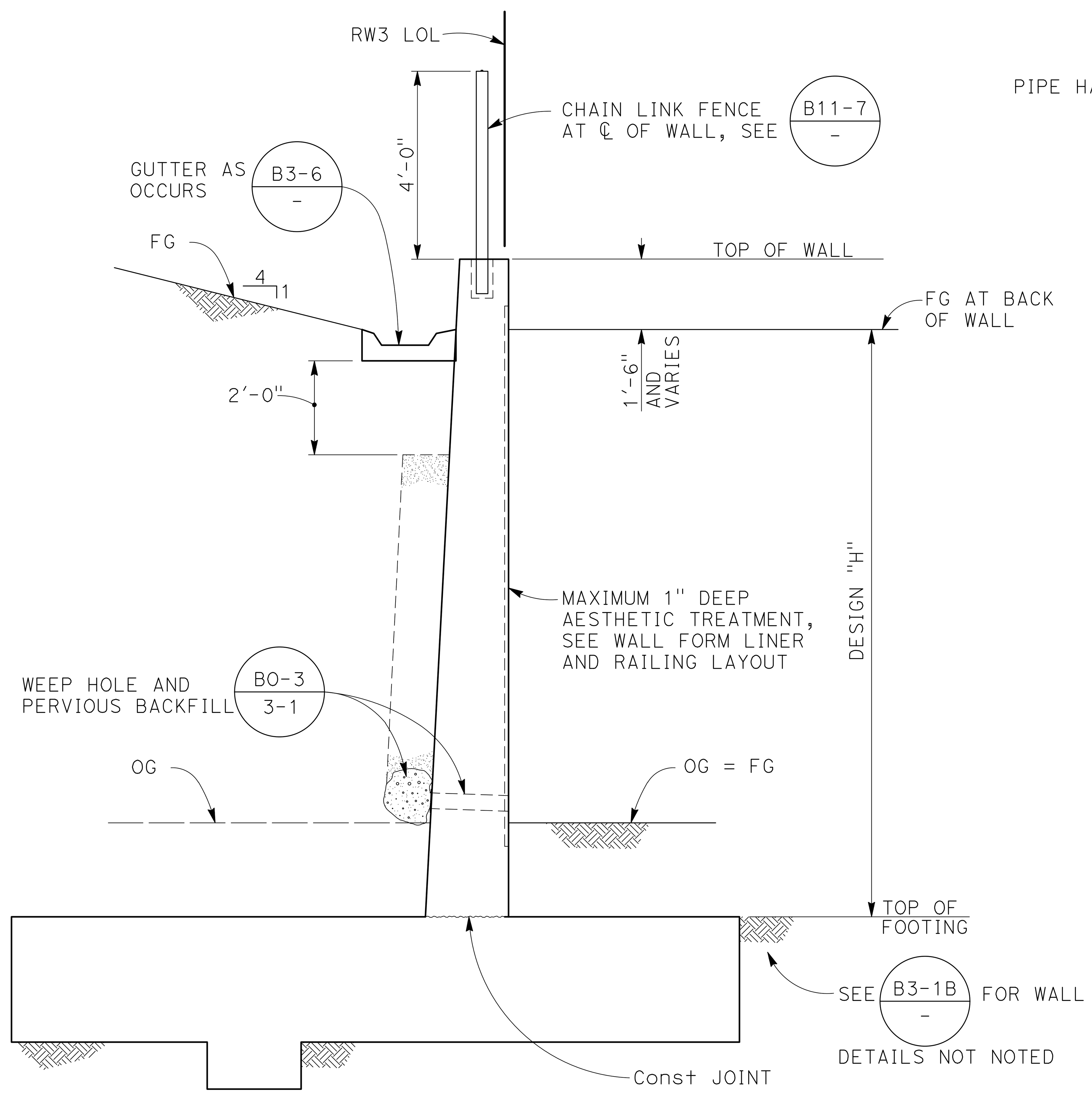
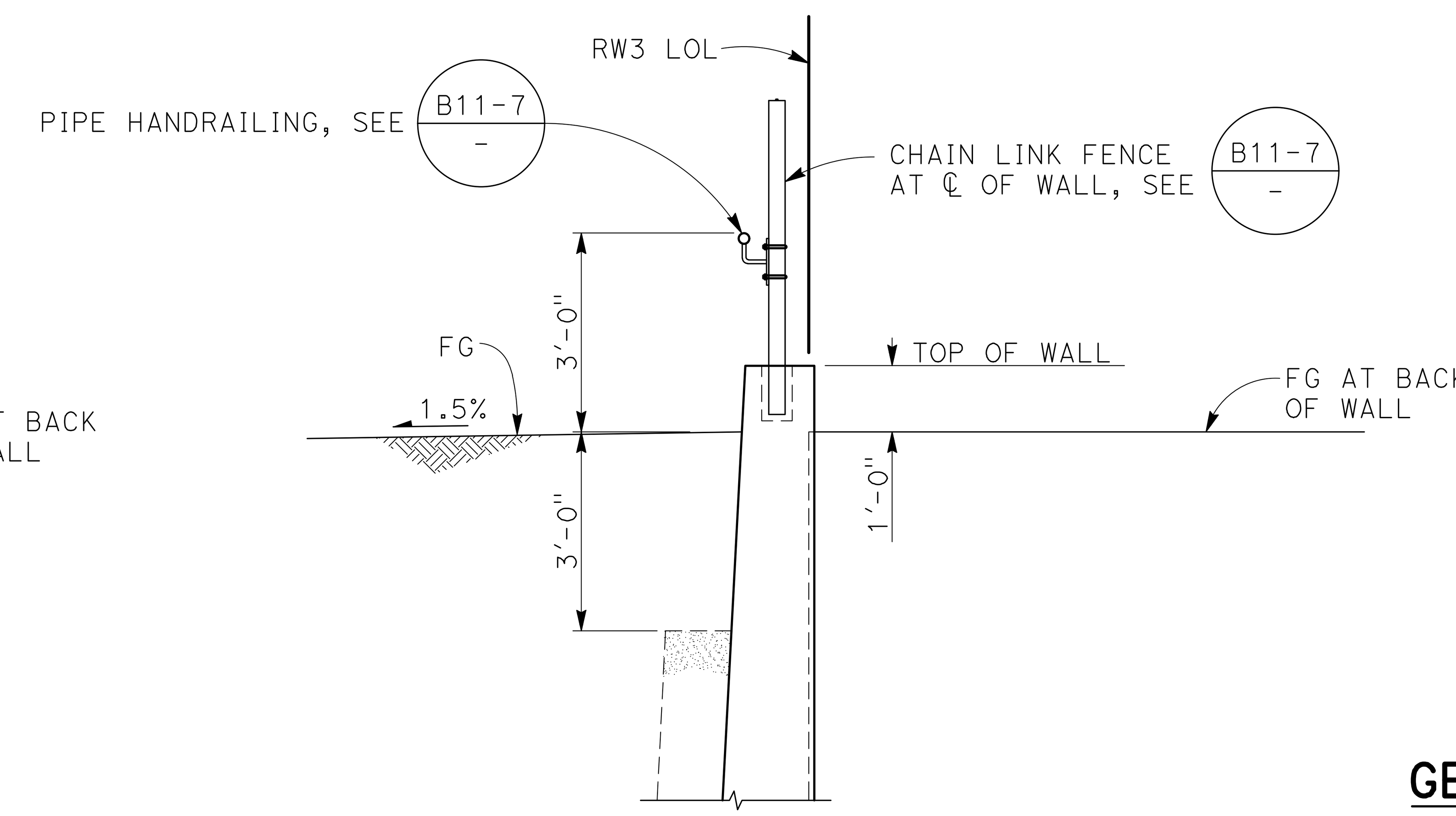
OAKLAND, CALIFORNIA 94607

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030



RETAINING WALL TYPE 1 (CASE 2)

SCALE: ½" = 1'-0"



TYPICAL SECTION AT HANDRAIL

SCALE: ½" = 1'-0"

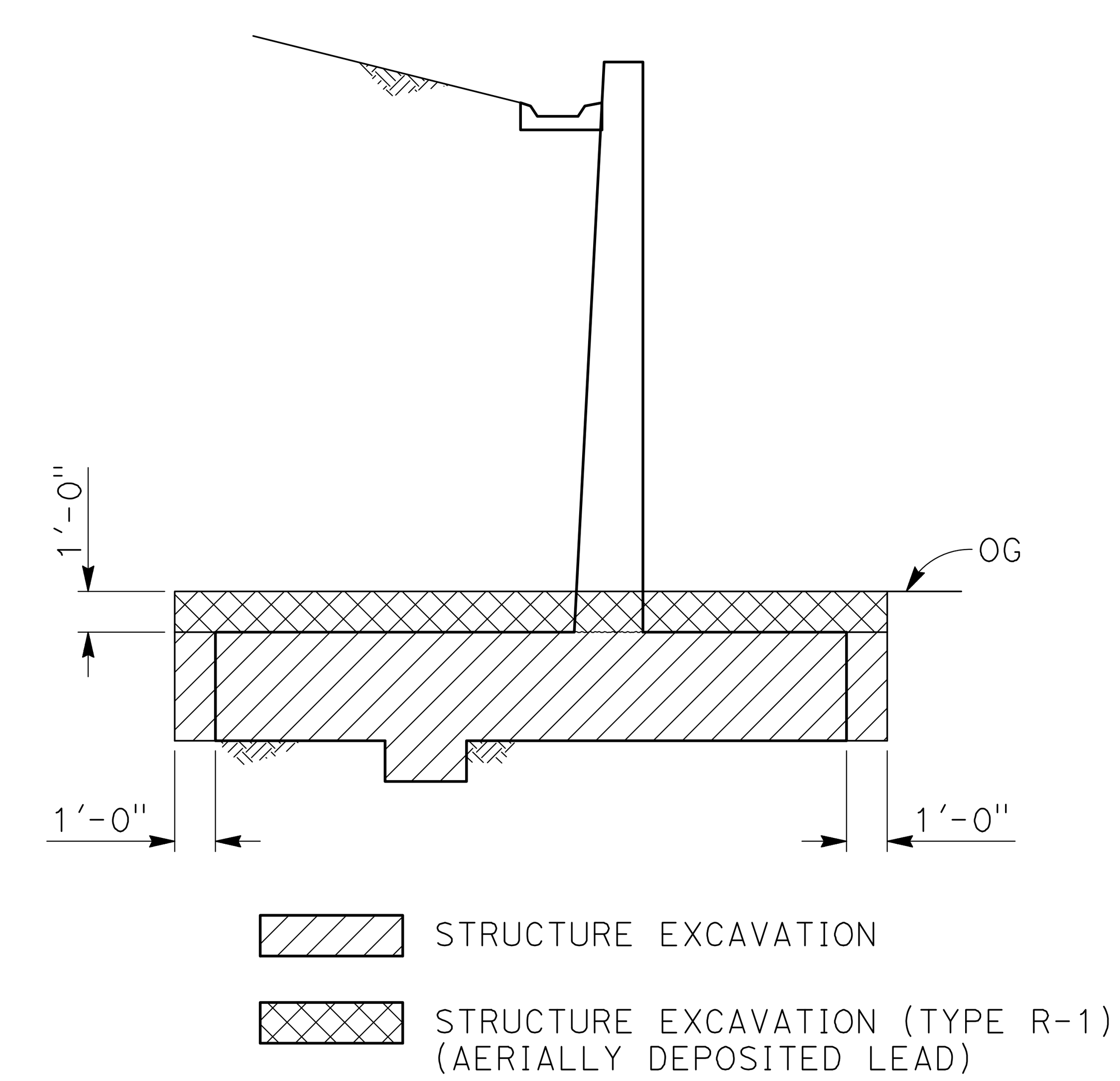
GENERAL NOTES:

See B3-1B for Design Criteria.
Calculated seismic displacement is estimated as up to 10".

INDEX TO BRIDGE PLANS

2018 STANDARD PLANS

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 BRIDGE DETAILS
A85B	CHAIN LINK FENCE DETAILS
B-03	BRIDGE DETAILS
B3-1B	RETAINING WALL TYPE 1 (CASE 2)
B3-5	RETAINING WALL DETAILS NO. 1
B3-6	RETAINING WALL DETAILS NO. 2
RSP B11-7	CHAIN LINK RAILING



LIMITS OF PAYMENT FOR EXCAVATION

NO SCALE

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

RETAINING WALL No. 3 GENERAL PLAN No. 2

SCALE: AS SHOWN

R-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: A. RICHARDSON
CALCULATED-DESIGNED BY: A. RICHARDSON
CHECKED BY: I. LI
REVISED BY
DATE REVISED

2019343 (2019343R3_R-2)

LAST REVISION 4-15-21
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TIME PLOTTED => $time

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.1/11.4	55	79

REGISTERED CIVIL ENGINEER 4-20-2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp. 6/30/22 CIVIL STATE OF CALIFORNIA

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
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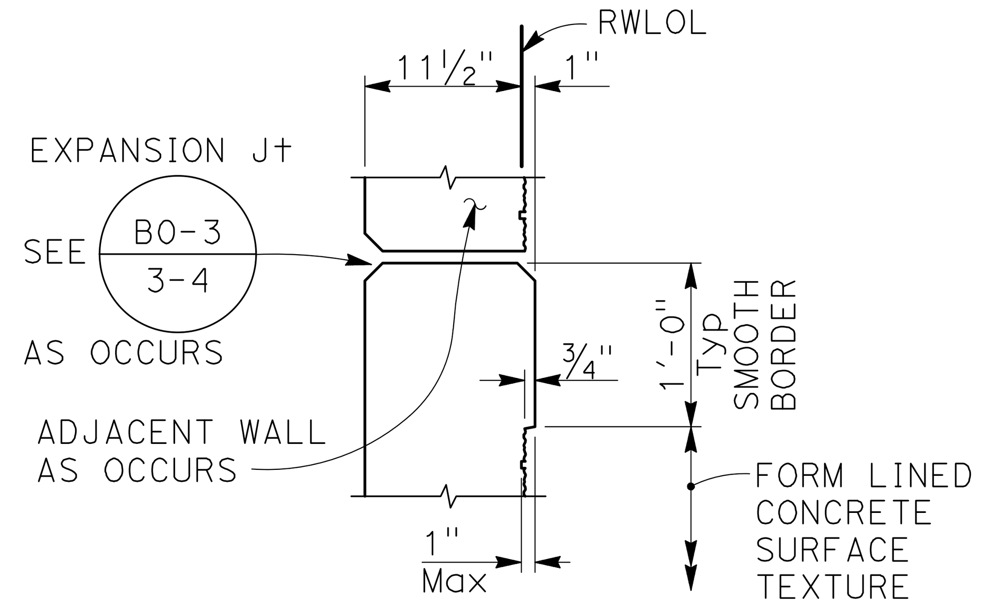
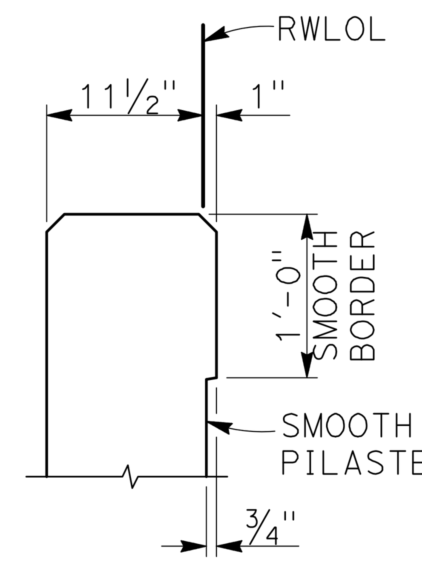
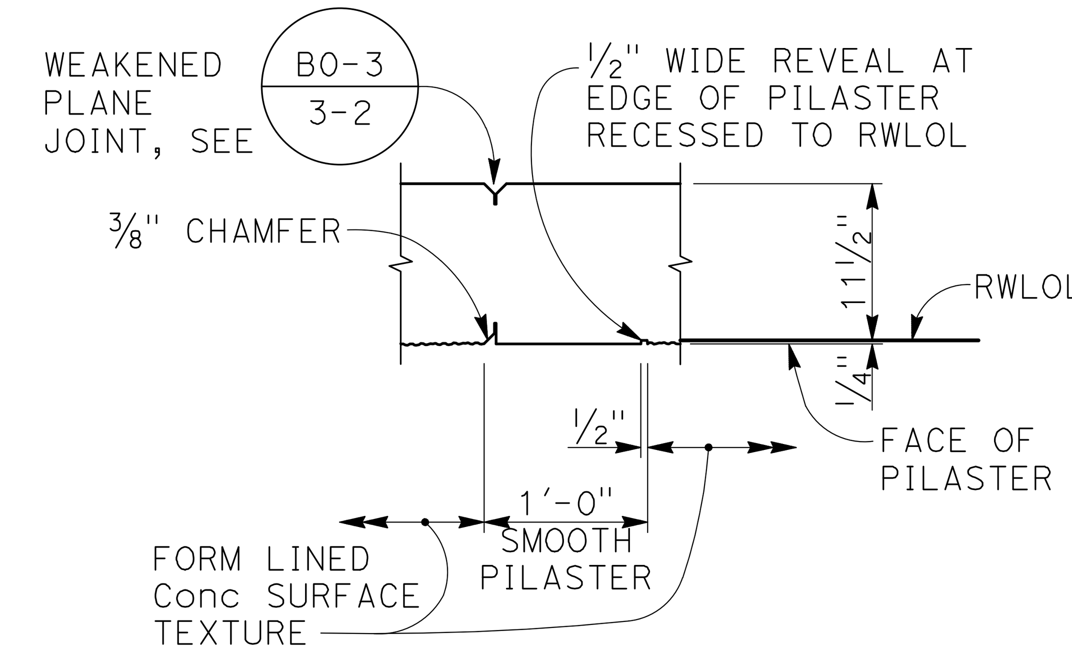


SECTION A-A
1" = 1'-0"



SECTION B-B
1" = 1'-0"



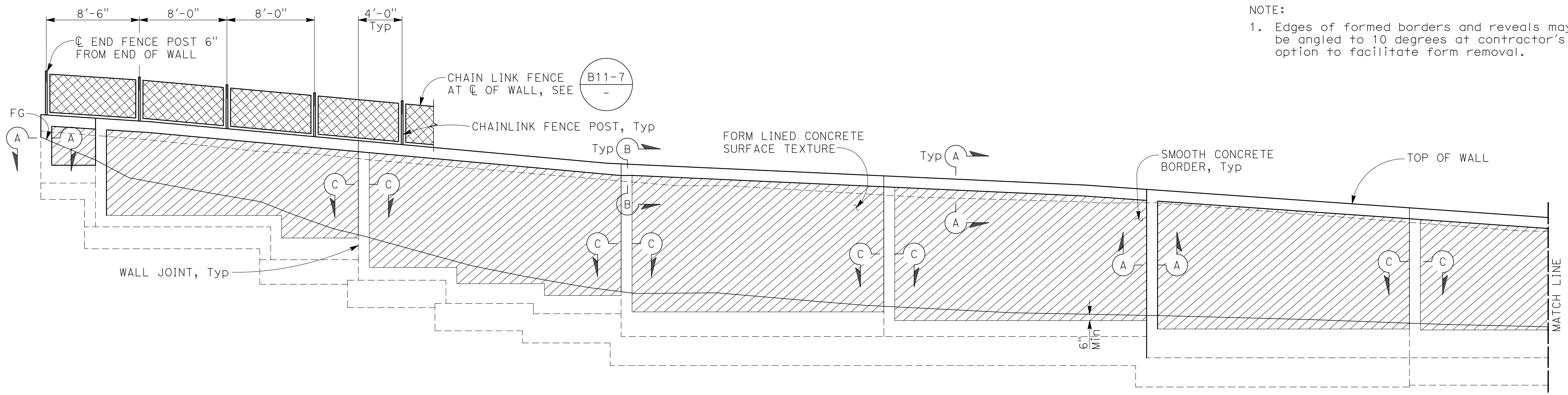
SECTION C-C
1" = 1'-0"

LEGEND:

INDICATES FORM LINED Conc SURFACE TEXTURE

NOTE:

1. Edges of formed borders and reveals may be angled to 10 degrees at contractor's option to facilitate form removal.



RETAINING WALL No. 3 - DEVELOPED ELEVATION
1" = 5'

RETAINING WALL No. 3 - DEVELOPED ELEVATION
1" = 5'

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

RETAINING WALL No. 3
FORMLINER AND RAILING LAYOUT
SCALE: AS SHOWN

R-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR	A. RICHARDSON
CALCULATED-DESIGNED BY	A. RICHARDSON
CHECKED BY	I. LI
REVISED BY	DATE REVISED

2019343 (2019343RW3_53)

DATE PLOTTED => $date
TIME PLOTTED => $time
LAST REVISION 4-15-21

REGISTERED CIVIL ENGINEER 6-30-2024 DATE

8/24/2022
PLANS APPROVAL DATE

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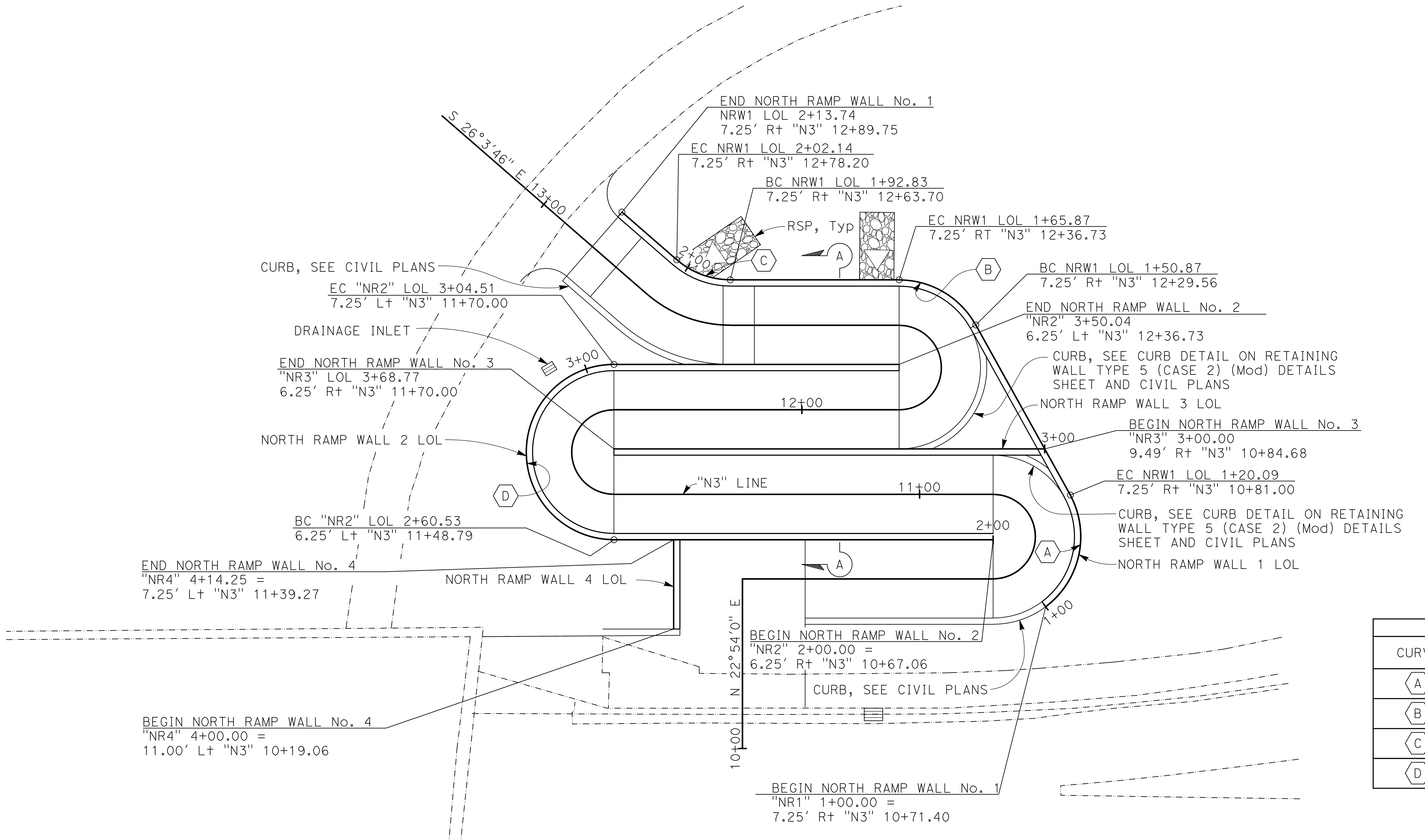
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



PLAN
1" = 10′

NOTES:

1. This plan accurate for retaining wall work only.
2. For typical sections, see GENERAL PLAN No. 2 sheet.
3. Top of wall profiles are linear between points shown unless noted otherwise.
4. Top of footing is level, typ
5. See CIVIL PLANS for right-of-way and utilities not shown.
6. For footing step details, see B3-5 / - .
7. For architectural treatment see FORM LINER LAYOUT sheets.
8. Apply anti-graffiti coating to both sides, ends and the top of wall surface that are above finished grade.
9. See GENERAL PLAN No. 3 sheet for Section AA.

CURVE DATA

CURVE	BC STATION	EC STATION	R	△	T	L
A	1+00.00	1+12.99	14.0′	53°09′16"	12.21′	12.99′
B	1+50.97	1+65.86	14.0′	60°56′44"	8.24′	14.89′
C	1+92.83	2+02.14	13.0′	41°02′14"	4.86′	9.31′
D	2+60.53	3+04.51	14.0′	180°00′00"	N/A	43.98′

2019343 (2019343SBW_S1)

NOTE:
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LANCE SCHREY Lance Schrey DESIGN OVERSIGHT 8/1/22 SIGN OFF DATE	DESIGN	BY A. RICHARDSON	CHECKED K. ELLSWORTH	SEISMIC ANALYSIS	BY	CHECKED	
	DETAILS	BY A. RICHARDSON	CHECKED K. ELLSWORTH	LAYOUT	BY A. RICHARDSON	CHECKED I. LI	
	QUANTITIES	BY T. TECHAJONGCHAREON	CHECKED K. ELLSWORTH	SPECIFICATIONS	BY A. RICHARDSON	PLANS AND SPECS COMPARED I. LI	

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37E0138
POST MILES 11.1/11.4

LOS GATOS CREEK TRAILHEAD NORTH RAMP
GENERAL PLAN No. 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	57	79

REGISTERED CIVIL ENGINEER — DATE 6-30-2024

PLANS APPROVAL DATE 8/24/2022

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/24 CIVIL STATE OF CALIFORNIA

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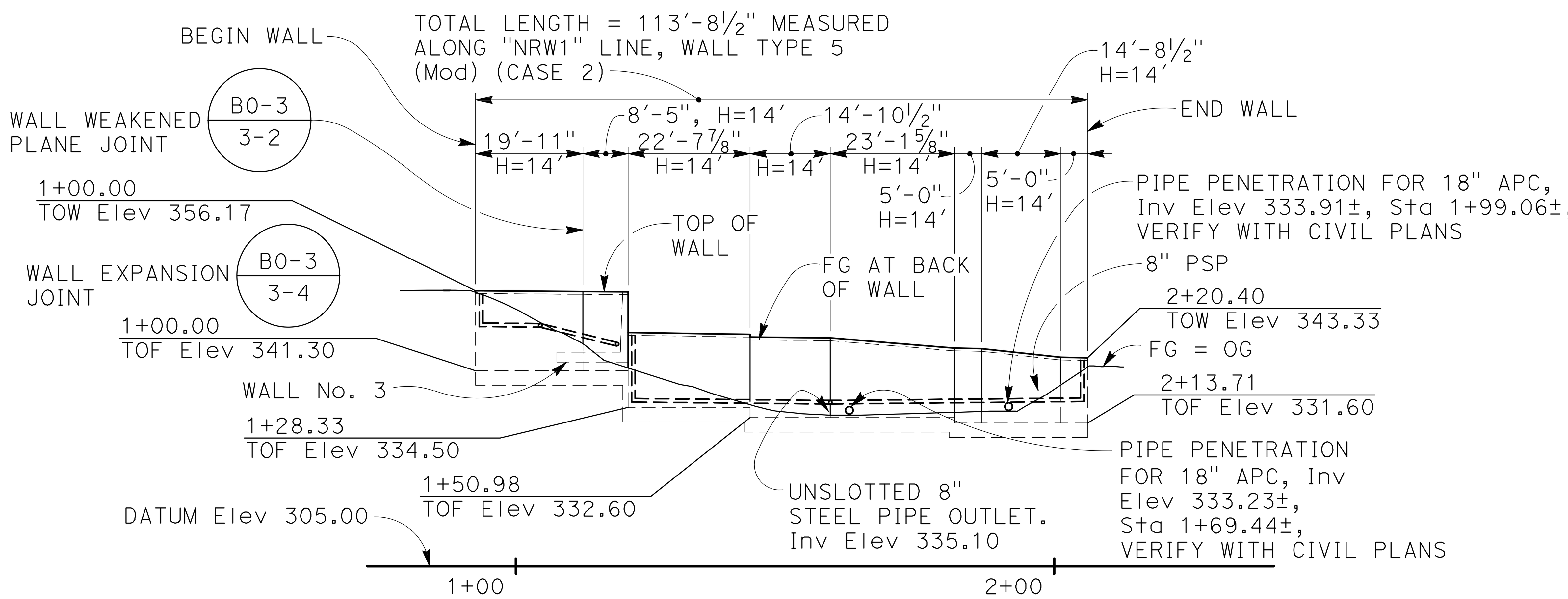
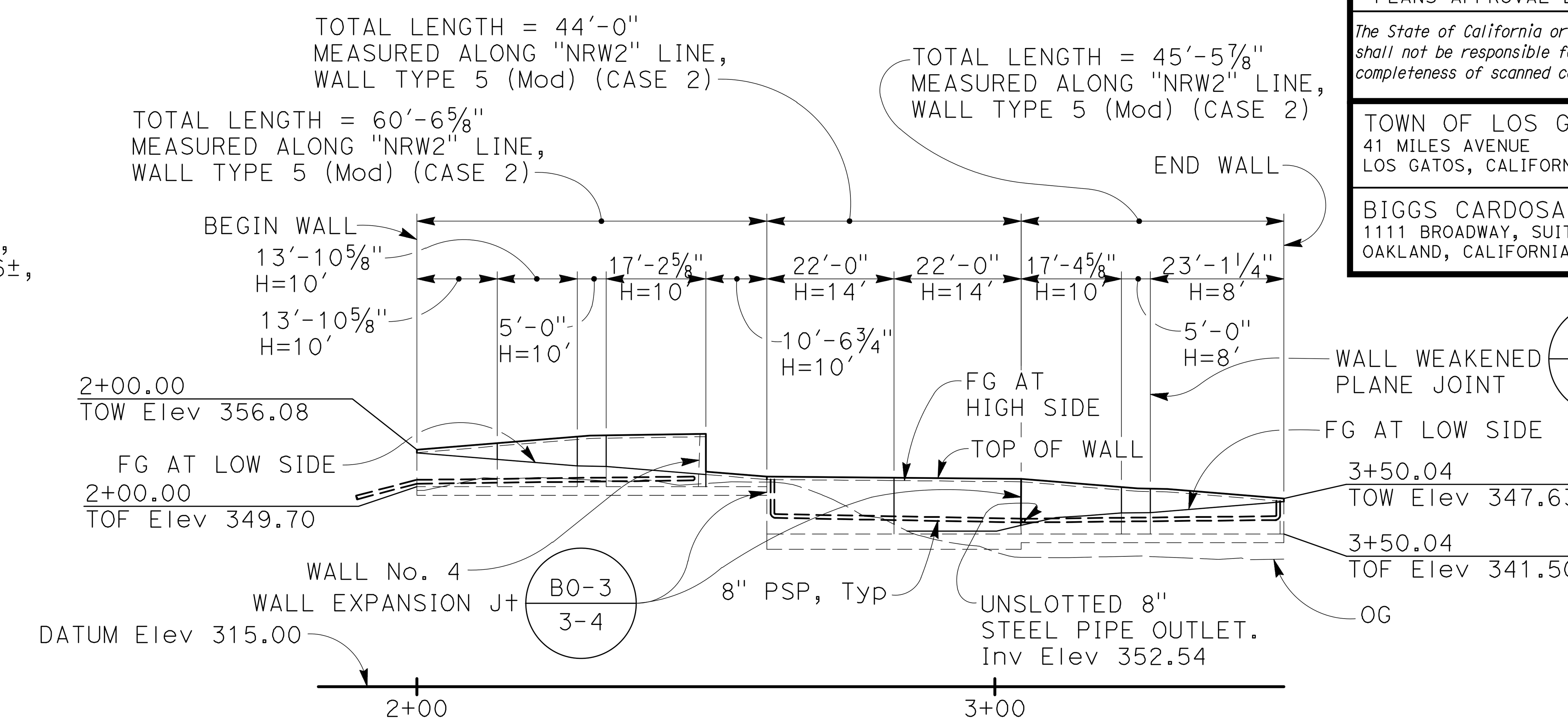
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



NORTH RAMP-WALL No. 1-DEVELOPED ELEVATION

1″ = 20′

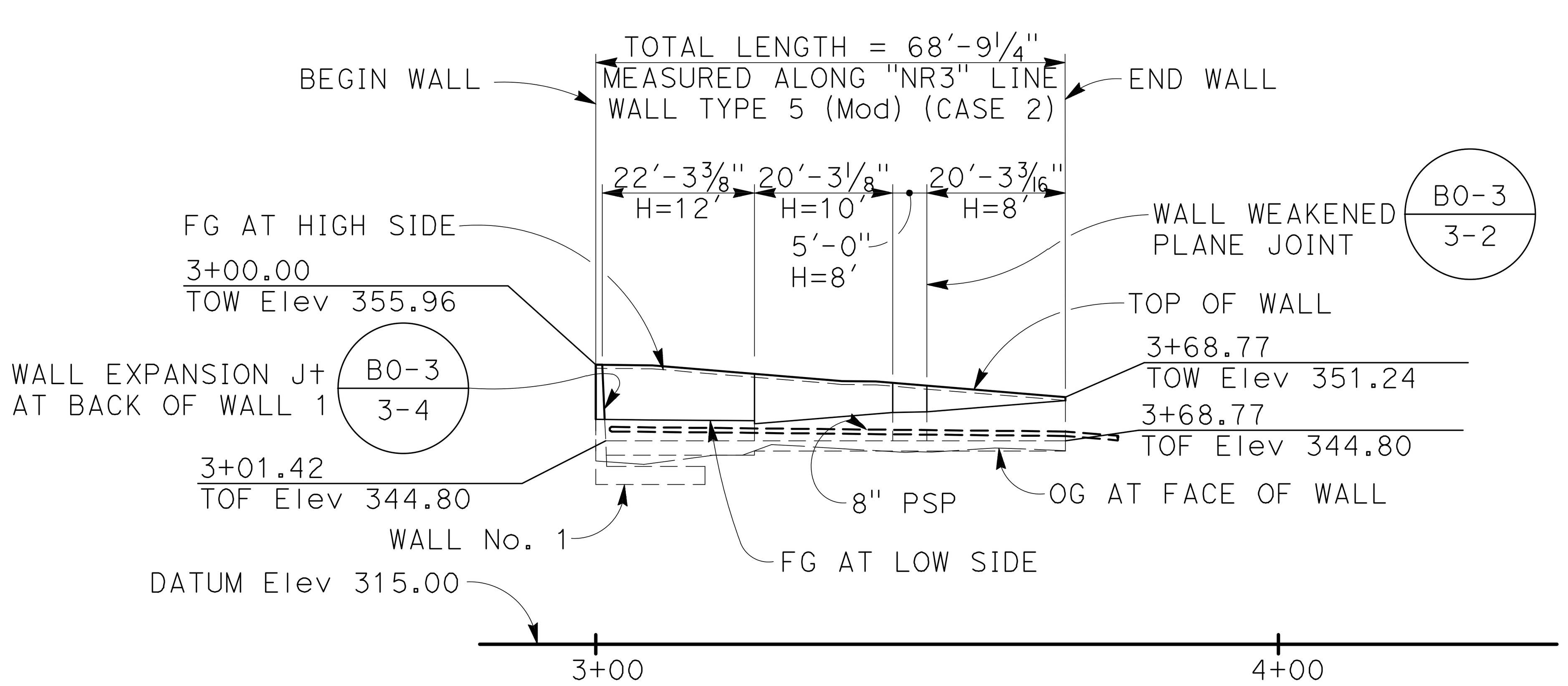


NORTH RAMP-WALL No. 2-DEVELOPED ELEVATION

1″ = 20′

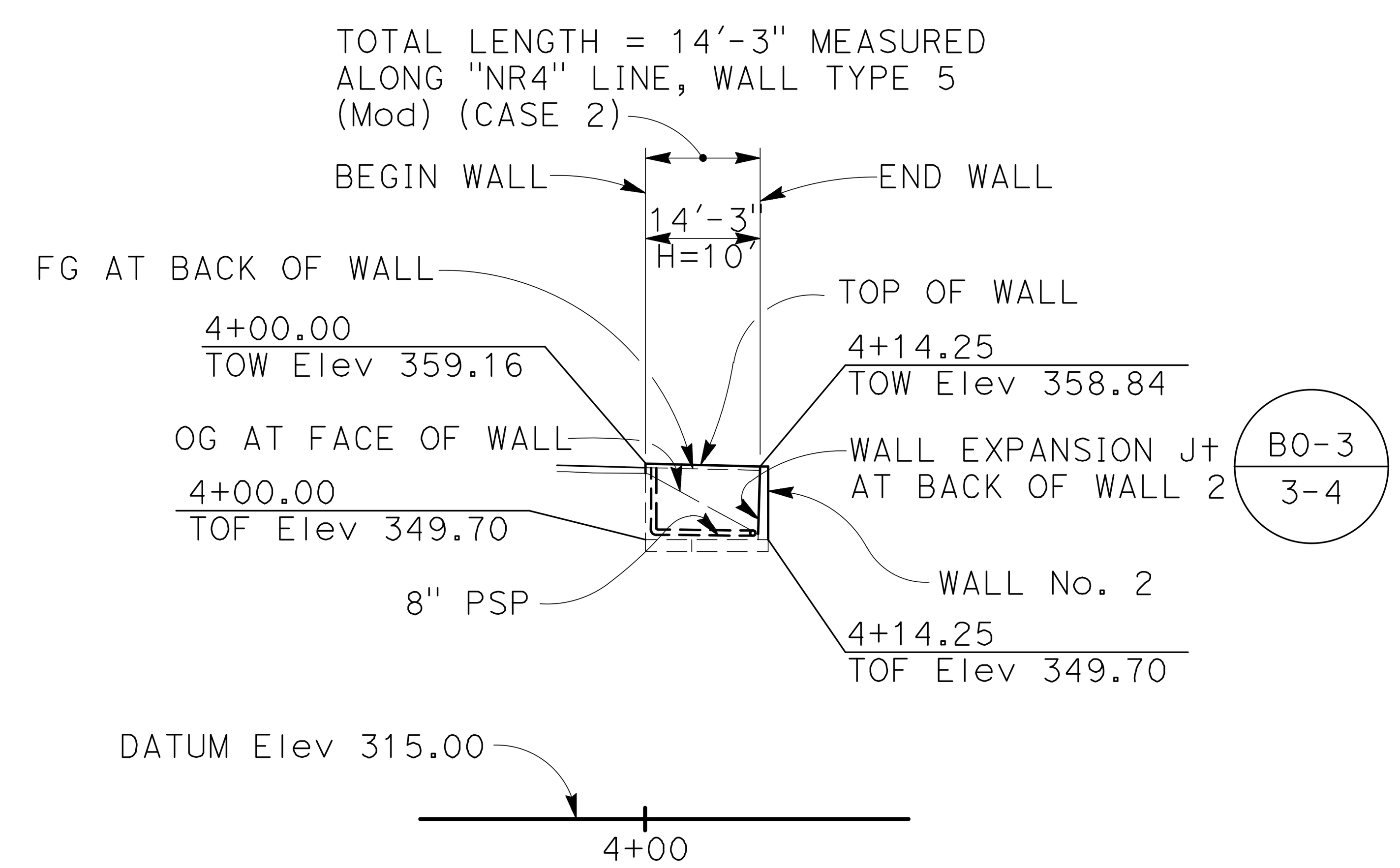
NOTES:

1. Top of wall elevation is 6″ above pavement. See CIVIL PLANS for pavement elevations.
2. For additional reinforcement at pipe penetrations, see B3-6 / -
3. Fences and railings not shown for clarity, see formliner and railing layout sheet.



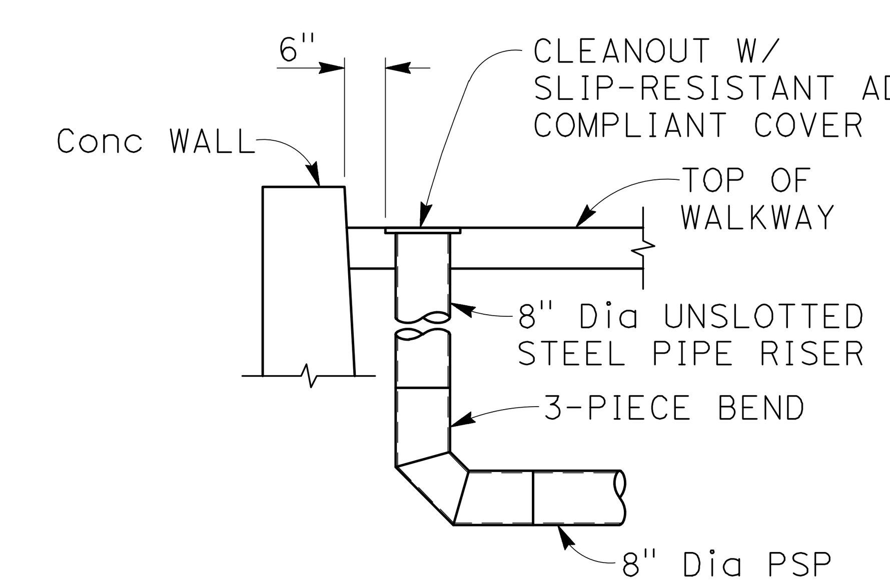
NORTH RAMP-WALL No. 3-DEVELOPED ELEVATION

1″ = 20′



NORTH RAMP-WALL No. 4-DEVELOPED ELEVATION

1″ = 20′



CLEANOUT RISER DETAIL

½″ = 1′-0″

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

(2019343SBW_S2)
2019343

		BY	CHECKED		BY	CHECKED
LANCE SCHREY *Lance Schrey* DESIGN OVERSIGHT	DESIGN	A. RICHARDSON	K. ELLSWORTH	SEISMIC ANALYSIS		
8/1/22	DETAILS	A. RICHARDSON	K. ELLSWORTH	LAYOUT	A. RICHARDSON	I. LI
SIGN OFF DATE	QUANTITIES	T. TECHAJONGCHAREON	K. ELLSWORTH	SPECIFICATIONS	A. RICHARDSON	PLANS AND SPECS COMPARED I. LI

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37E0138
POST MILES 11.1/11.4

LOS GATOS CREEK TRAILHEAD NORTH RAMP
GENERAL PLAN No. 2

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => $DATE TIME PLOTTED => $TIME
FILE => $REQUEST USERNAME => $USER

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE:

COUNTY/ROUTE:
CONTRACT No.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET 2 OF 7

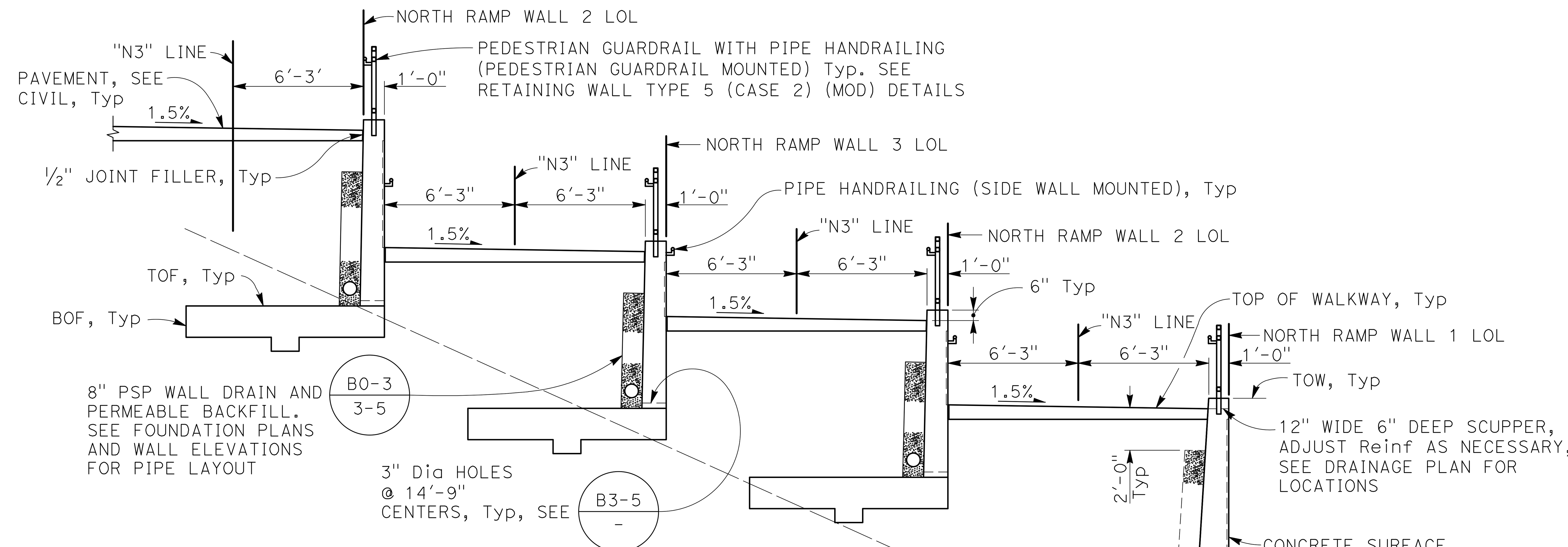
REGISTERED CIVIL ENGINEER 6-30-2024 DATE

8/24/2022
PLANS APPROVAL DATE

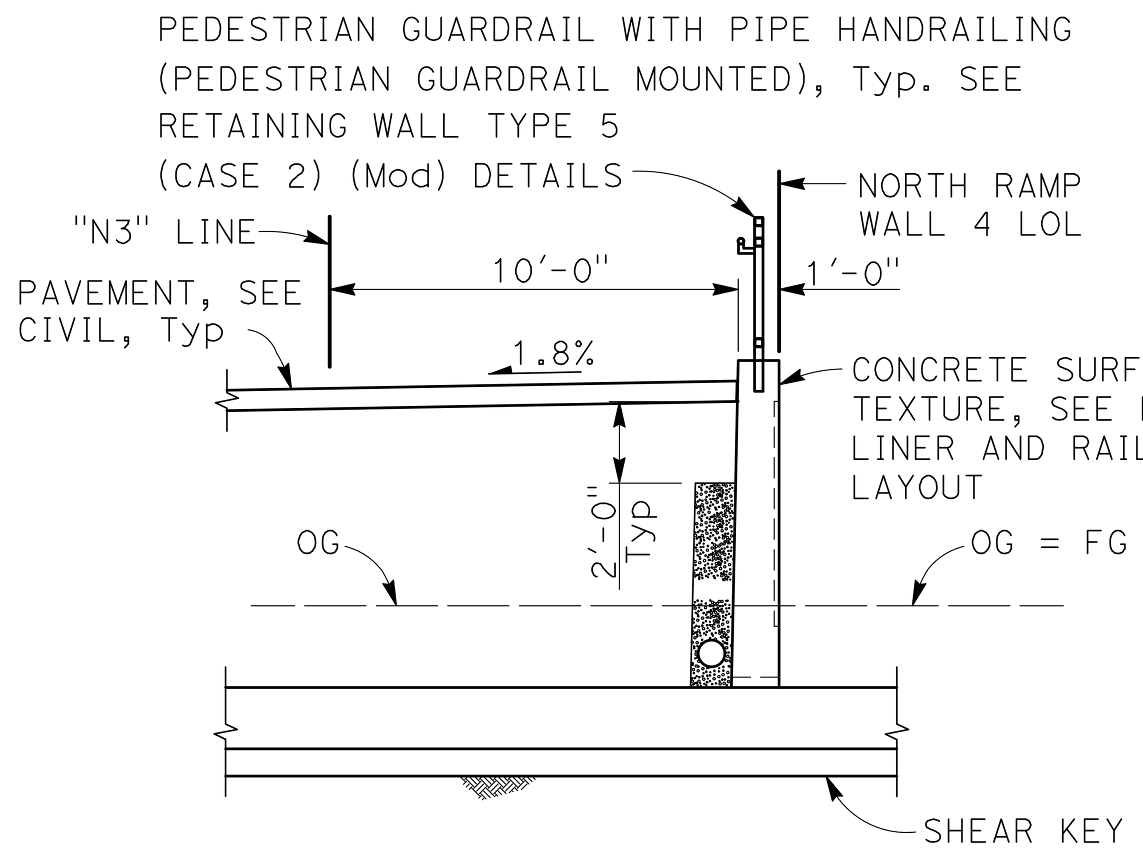
REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

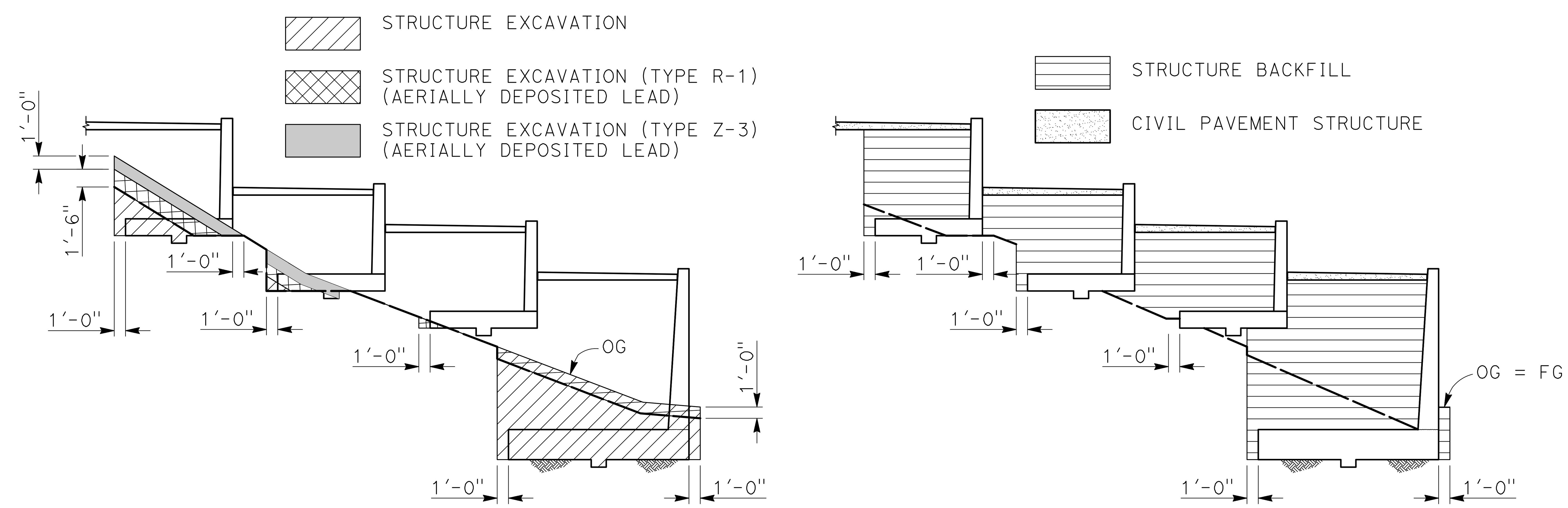
BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



SECTION A-A
¼" = 1'-0"



WALL 4 TYPICAL SECTION
¼" = 1'-0"



LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL
NO SCALE

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

INDEX TO BRIDGE PLANS

2018 STANDARD PLANS

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 BRIDGE DETAILS
B-03	BRIDGE DETAILS
B3-1B	RETAINING WALL TYPE 1 (CASE 2)
B3-5	RETAINING WALL DETAILS NO. 1
B3-6	RETAINING WALL DETAILS NO. 2
RSP B11-7	CHAIN LINK RAILING
RSP B11-51	TUBULAR HANDRAILING

GENERAL NOTES:

DESIGN: AASHTO LRFD Bridge Design Specifications, 8th Edition with California Amendments

LS: Varied surcharge on level ground surface

DC: Stem Architectural Treatment of thickness up to 6" of concrete (75 psf) considered

SEISMIC: k_h = 0.2 (H = 4' through H = 12') Calculated seismic displacement is estimated as up to 10"
k_h = 0.28 (H = 14')
$\triangle k_{ae}$ = 0.39 (H = 14')
k_v = 0.0 (H = 4' through H = 12')

SOIL: ϕ = 34°
γ = 120 pcf
K_{active} = 0.26 (slope behind wall = 0°) (H = 14' wall 2) (H = 14' wall 2)
K_{active} = 0.30 (slope behind wall = 14°) (H = 14' wall 1) (H = 14' wall 1)
$K_{at\text{-}rest}$ = 0.44 (H=14')

REINFORCED CONCRETE: $f'c$ = 3,600 psi
fy = 60,000 psi

LOAD COMBINATIONS AND LIMIT STATES:
Service I $Q = 1.00DC+1.00EV+1.00EH+1.00LS$
Strength I $Q = \alpha DC+\beta EV+\eta EH+1.75LS$
Extreme I $Q = 1.00DC+1.00EV+1.00EH+1.00EQD+1.00EQE$

Where:
Q: Force Effects
α: 1.25 or 0.90, Whichever Controls Design
β: 1.35 or 1.00, Whichever Controls Design
η: 1.50 or 0.90, Whichever Controls Design
DC: Dead Load of Structure Components
EH: Horizontal Earth Fill Pressure
EV: Vertical Earth Pressure from Earth Fill Weight
LS: Live Load Surcharge
EQE: Seismic Earth Pressure
EQD: Soil and Structural and Nonstructural Components Inertia

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	59	79

REGISTERED CIVIL ENGINEER 6-30-2024 DATE

8/24/2022
PLANS APPROVAL DATE

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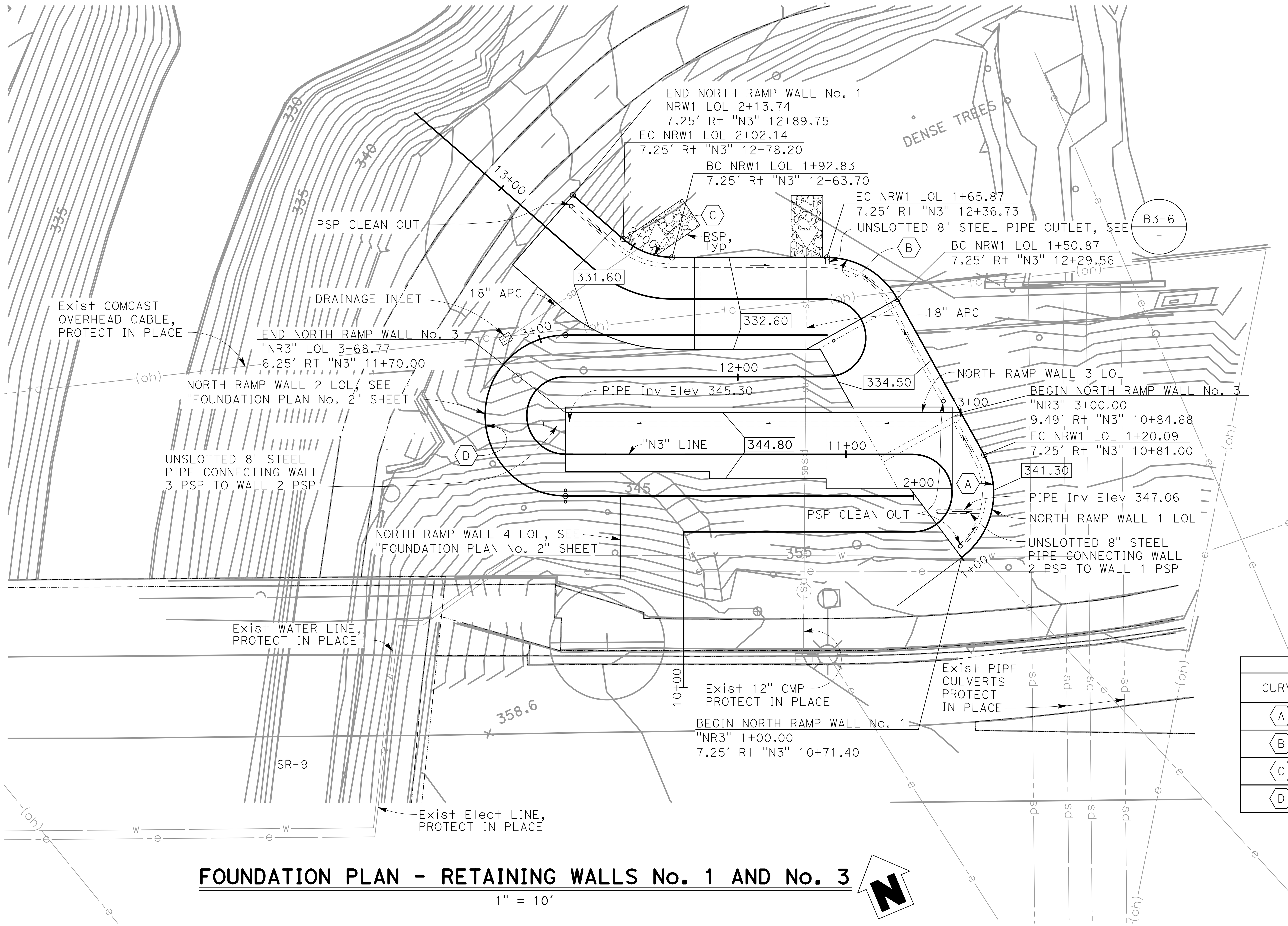
REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/24 CIVIL STATE OF CALIFORNIA

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



FOUNDATION PLAN - RETAINING WALLS No. 1 AND No. 3

1" = 10'

LEGEND:

- Indicates Top of Footing Elevation
- ×15.4 Indicates Spot Elevation
- Indicates edge of wall footing
- Indicates hidden edge of wall footing
- Indicates PSP/steel pipe as noted
- Indicates flow direction

NOTES:
1. Verify utility locations with CIVIL PLANS.
2. Slope steel pipes and PSP at Min 1% unless noted otherwise.
3. Provide pipe riser and ADA-compliant non-slip clean out cover where clean outs are shown.

CURVE DATA

CURVE	BC STATION	EC STATION	R	△	T	L
A	1+00.00	1+12.99	14.0'	53°09'16"	12.21'	12.99'
B	1+50.97	1+65.86	14.0'	60°56'44"	8.24'	14.89'
C	1+92.83	2+02.14	13.0'	41°02'14"	4.86'	9.31'
D	2+60.53	3+04.51	14.0'	180°00'00"	N/A	43.98'

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

LANCE SCHREY *Lance Schrey*
DESIGN OVERSIGHT
8/1/22
SIGN OFF DATE

SCALE:	VERT.DATUM	HORZ.DATUM
PHOTOGRAMMETRY AS OF:	ALIGNMENT TIES	
SURVEYED BY	DRAFTED BY	
FIELD CHECKED BY	CHECKED BY	

	BY	CHECKED
DESIGN	A. RICHARDSON	K. ELLSWORTH
DETAILS	A. RICHARDSON	K. ELLSWORTH
QUANTITIES	T. TECHAJONGCHAREON	K. ELLSWORTH

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37E0138
POST MILES 11.1/11.4

LOS GATOS CREEK TRAILHEAD NORTH RAMP
FOUNDATION PLAN No. 1

STRUCTURES FOUNDATION PLAN SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => $DATE TIME PLOTTED => $TIME
FILE => $REQUEST USERNAME => $USER
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE:
COUNTY/ROUTE:
CONTRACT NO.:
DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES
SHEET 4 OF 7
FILE => $REQUEST

2019343 (2019343SBW_S4)

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	60	79

REGISTERED CIVIL ENGINEER 6-30-2024 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/24 CIVIL STATE OF CALIFORNIA

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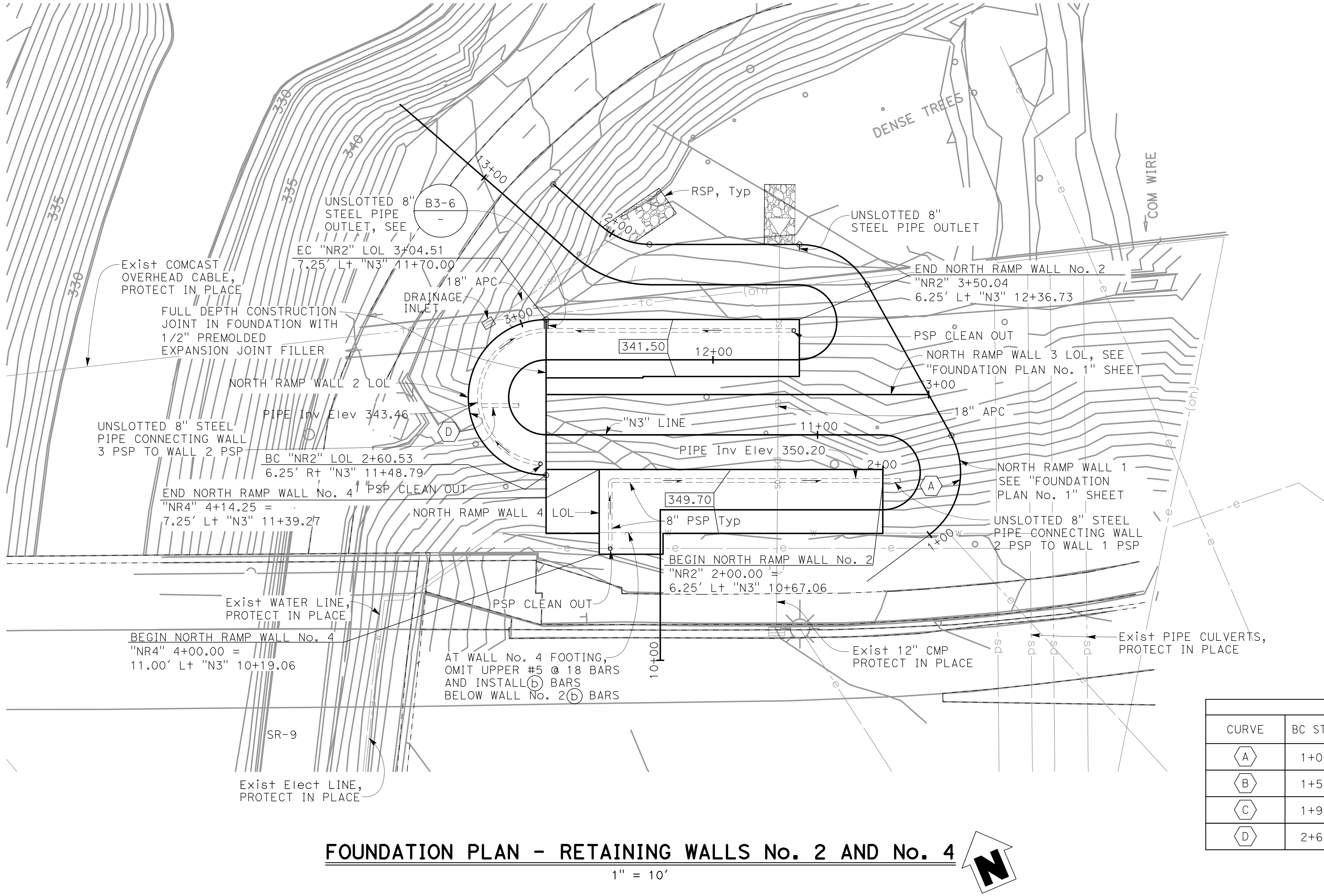
TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



LEGEND:

- Indicates Top of Footing Elevation
- ×15.4 Indicates Spot Elevation
- Indicates edge of wall footing
- Indicates hidden edge of wall footing
- Indicates PSP/steel pipe as noted
- Indicates flow direction

NOTES:
1. Verify utility locations with CIVIL PLANS.
2. See Foundation Plan No. 1 for wall drainage notes.

CURVE DATA						
CURVE	BC STATION	EC STATION	R	△	T	L
A	1+00.00	1+12.99	14.0'	53°09'16"	12.21'	12.99'
B	1+50.97	1+65.86	14.0'	60°56'44"	8.24'	14.89'
C	1+92.83	2+02.14	13.0'	41°02'14"	4.86'	9.31'
D	2+60.53	3+04.51	14.0'	180°00'00"	N/A	43.98'

FOUNDATION PLAN - RETAINING WALLS No. 2 AND No. 4

1" = 10'

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

2019343 (2019343SBW_S5)

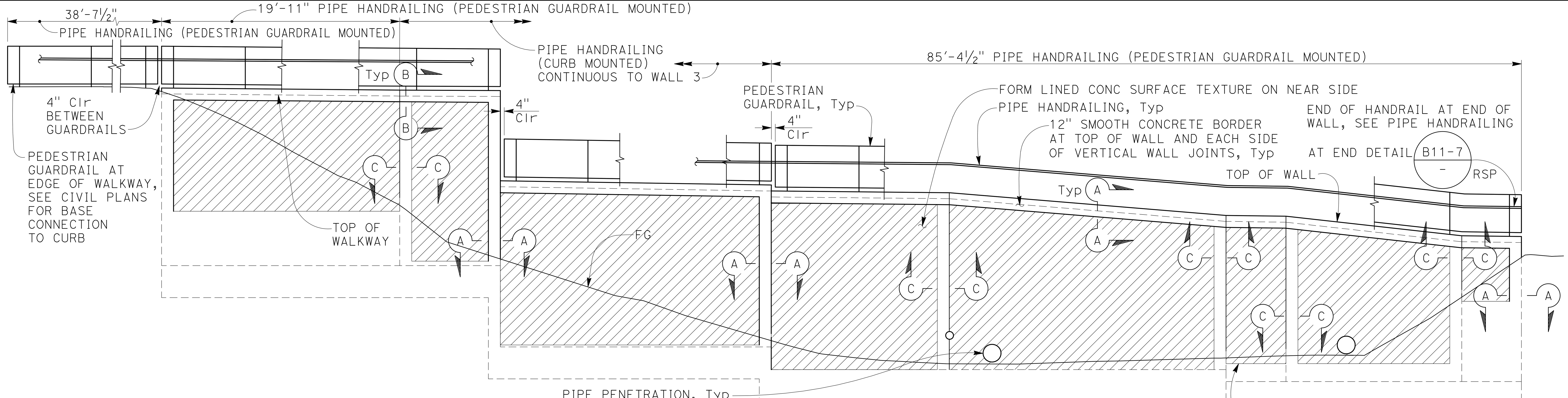
LANCE SCHREY *Lance Schrey* DESIGN OVERSIGHT 8/1/22 SIGN OFF DATE	SCALE: VERT.DATUM HORZ.DATUM	DESIGN BY A. RICHARDSON	CHECKED K. ELLSWORTH	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	A. RICHARDSON PROJECT ENGINEER
	PHOTOGRAMMETRY AS OF: / ALIGNMENT TIES	DETAILS BY A. RICHARDSON	CHECKED K. ELLSWORTH		
	SURVEYED BY / DRAFTED BY	QUANTITIES BY T. TECHAJONGCHAREON	CHECKED K. ELLSWORTH		
	FIELD CHECKED BY / CHECKED BY				

BRIDGE NO. 37E0138
POST MILES 11.1/11.4

LOS GATOS CREEK TRAILHEAD NORTH RAMP
FOUNDATION PLAN No. 2

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



NORTH RAMP - WALL No. 1 - DEVELOPED ELEVATION

1" = 5'

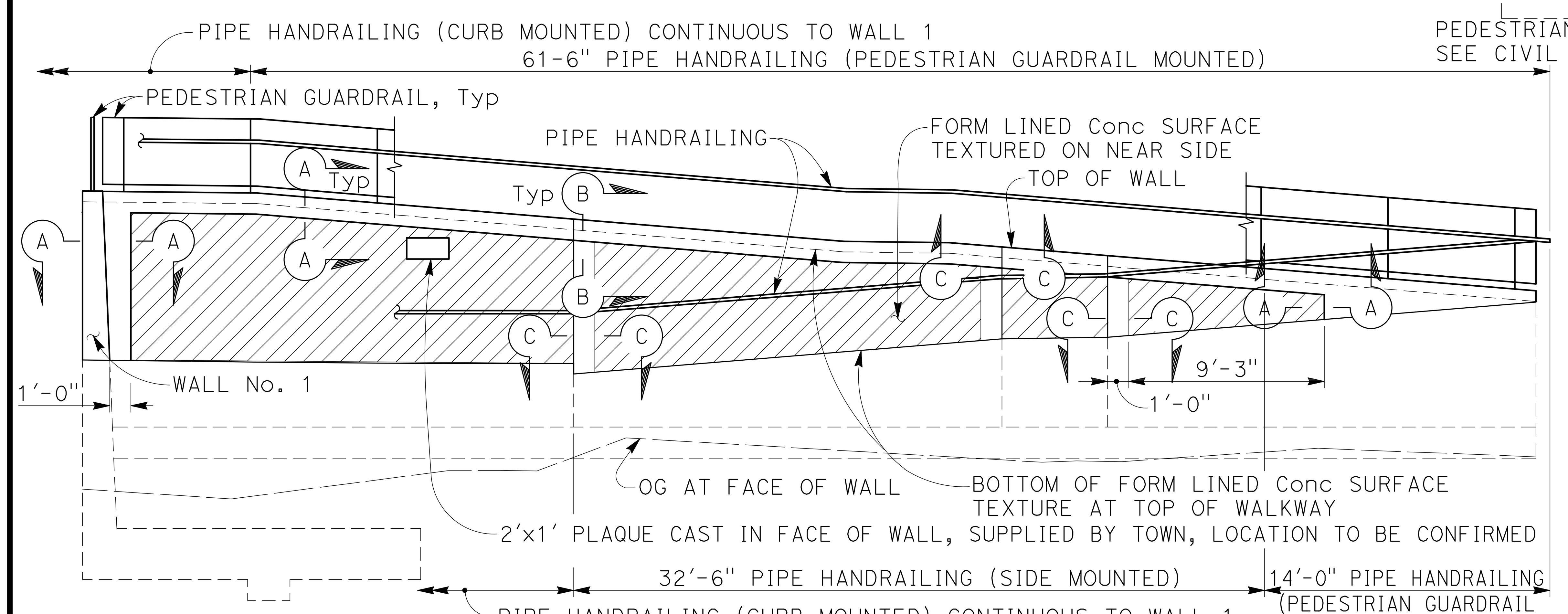
NOTE:
1. See Retaining Wall Type 5 (Case 2) (Mod) Details sheet for handrail and pedestrian guardrail details.
2. Pedestrian guardrail pickets not shown for clarity.
3. Edges of formed borders and reveals may be angled to 10 degrees at contractor's option to facilitate form removal.

LEGEND:

Indicates formlined concrete surface texture

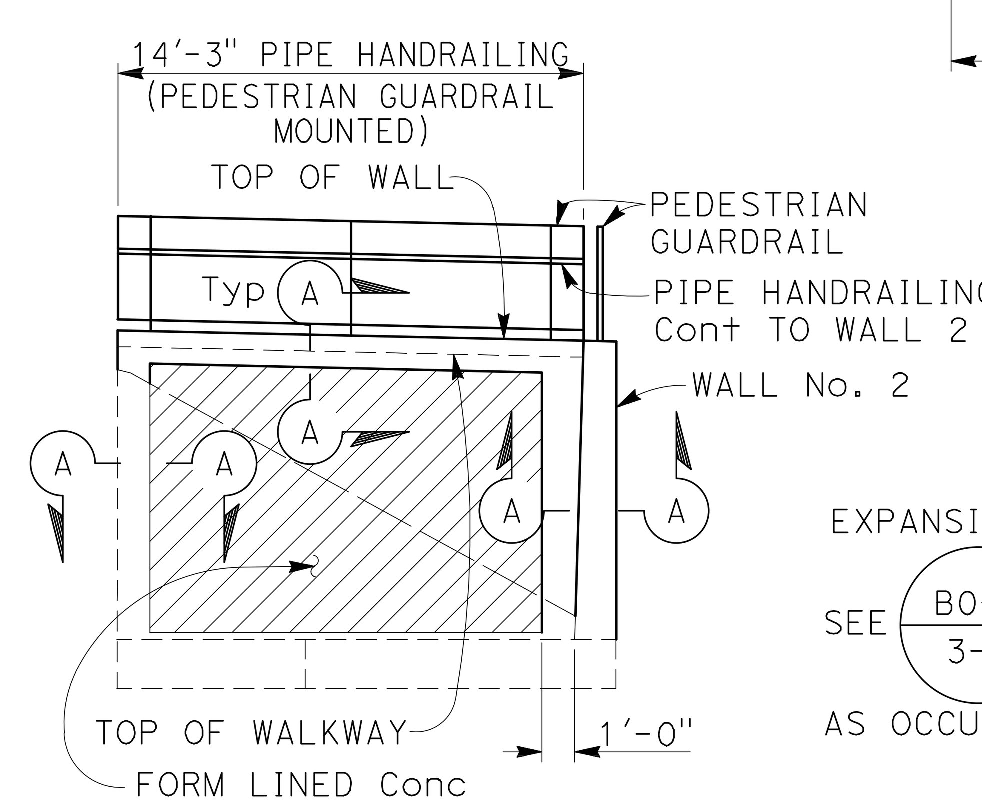
NORTH RAMP - WALL No. 2 - DEVELOPED ELEVATION

1" = 5'



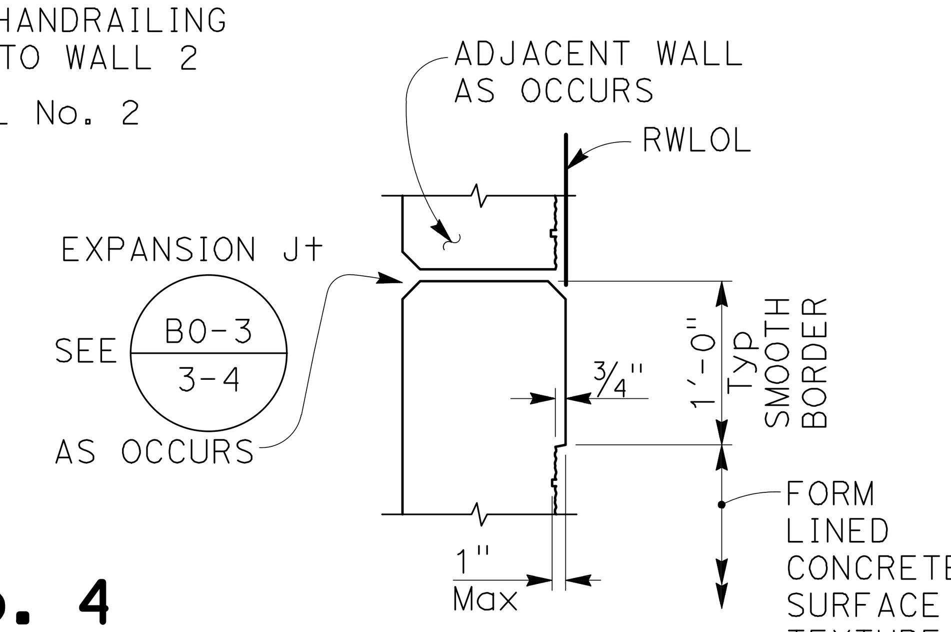
NORTH RAMP - WALL No. 3 - DEVELOPED ELEVATION

1" = 5'



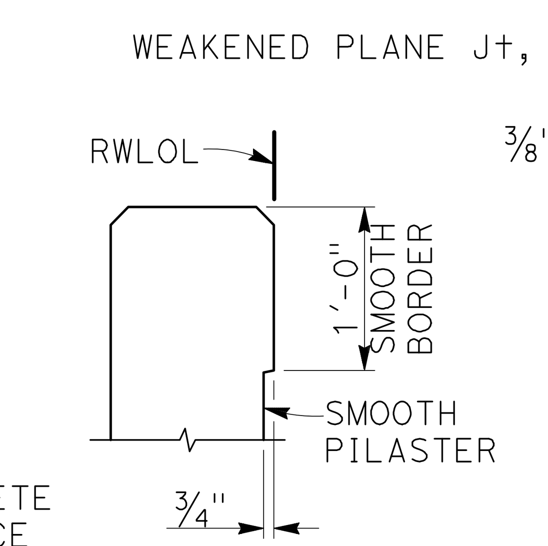
NORTH RAMP - WALL No. 4 DEVELOPED ELEVATION

1" = 5'



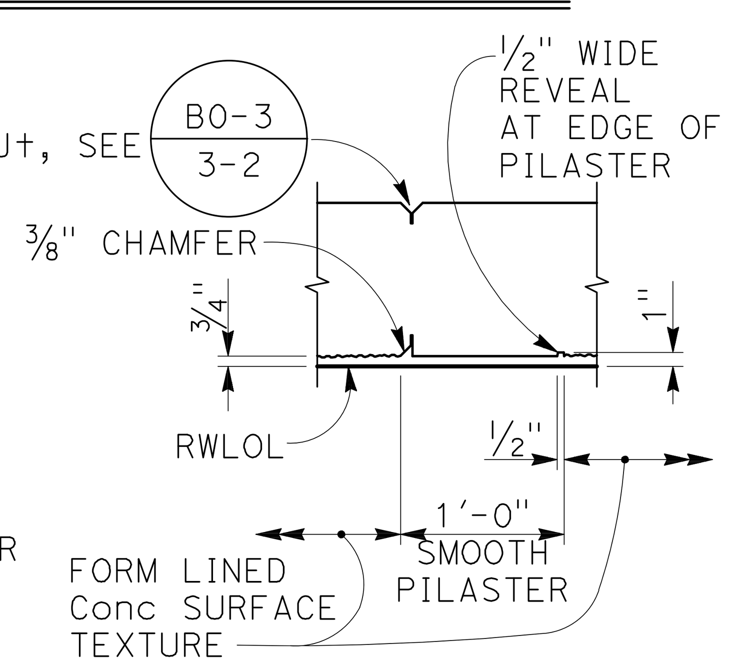
SECTION A-A

1" = 1'-0"



SECTION B-B

1" = 1'-0"



SECTION C-C

1" = 1'-0"

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

REGISTERED CIVIL ENGINEER 6-30-2024 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

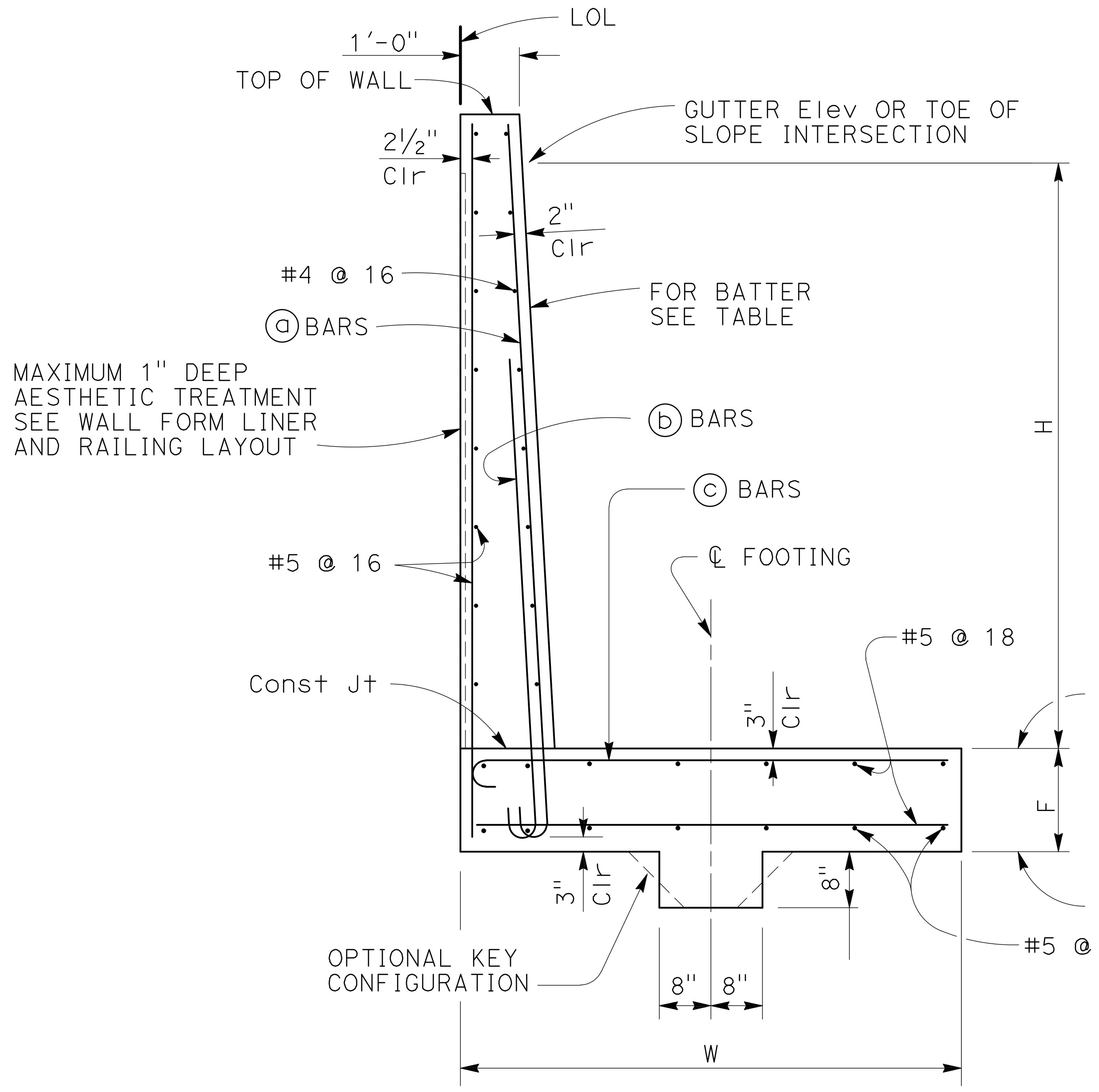
TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607

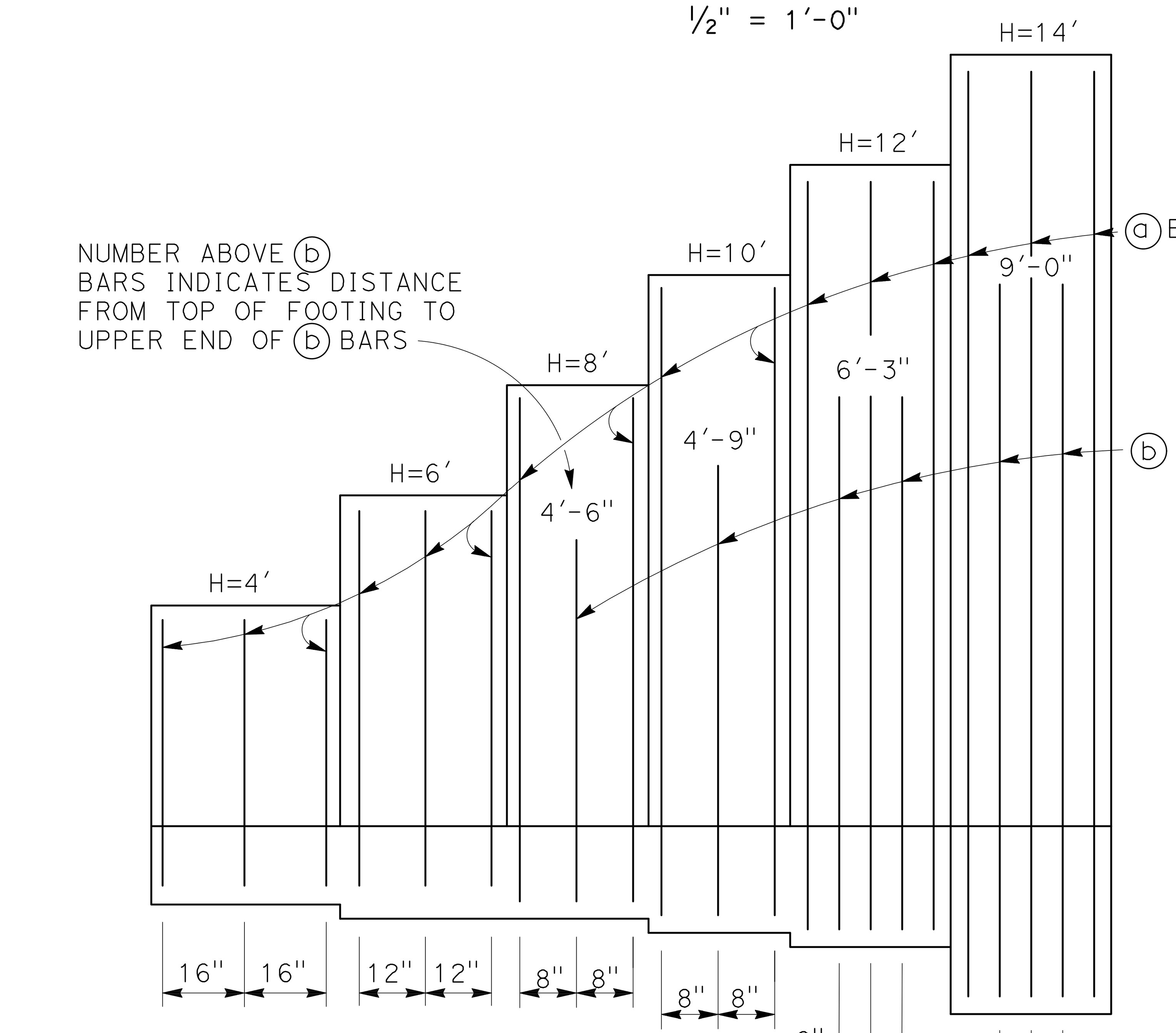
TABLE OF REINFORCING STEEL, DIMENSIONS AND DATA

DESIGN H	4′	6′	8′	10′	12′	14′
W	7′-9"	9′-0"	10′-3"	11′-6"	13′-3"	16′-0"✱
F SPREAD FOOTING	1′-4"	1′-6"	1′-6"	1′-6"	1′-10"	2′-8"
BATTER	NONE	NONE	NONE	100 : 3	100 : 5	3/4 : 12
ⓐ BARS	#5 @ 16	#5 @ 12	#5 @ 16	#6 @ 16	#5 @ 12	#7 @ 12
ⓑ BARS	NONE	NONE	#6 @ 16	#6 @ 16	#6 @ 12	#7 @ 12
ⓒ BARS	#7 @ 8	#7 @ 12	#8 @ 8	#9 @ 8	#10 @ 6	#9 @ 6
Ser: B′, ℄′	5.2,1.3	6.0,1.8	9.1,1.8	10.0,2.3	11.4,2.7	14.4,3.0
Str: B′, ℄	3.6,2.2	4.1,2.8	4.8,3.4	5.5,3.9	6.7,4.3	13.4,3.5
Ext: B′, ℄	3.7,2.9	3.6,4.5	3.7,5.9	3.9,7.2	4.4,8.4	5.7,7.2

✱ FOR CURVED PORTIONS, THE FOOTING "W" DIMENSION MAY BE SHORTER THAN 16′-0"



SPREAD FOOTING SECTION
½" = 1′-0"



ELEVATION
½" = 1′-0"

NOTE:
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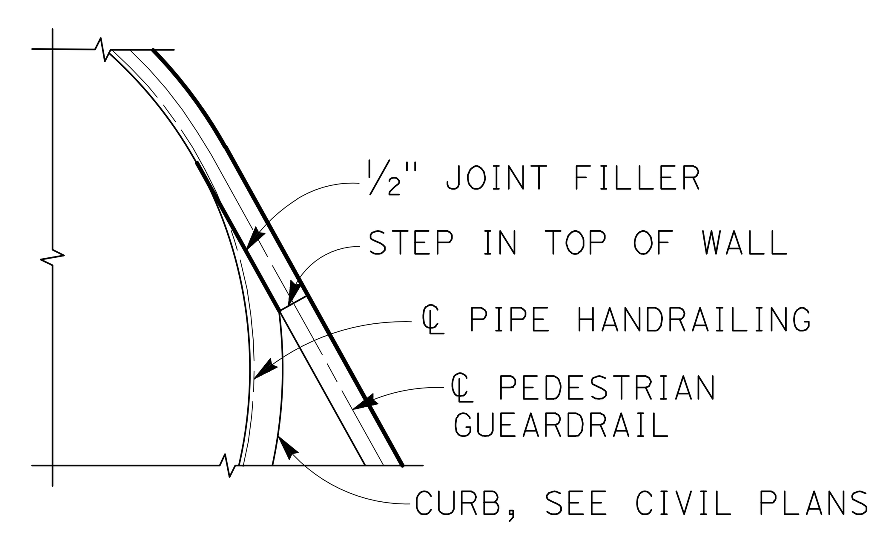
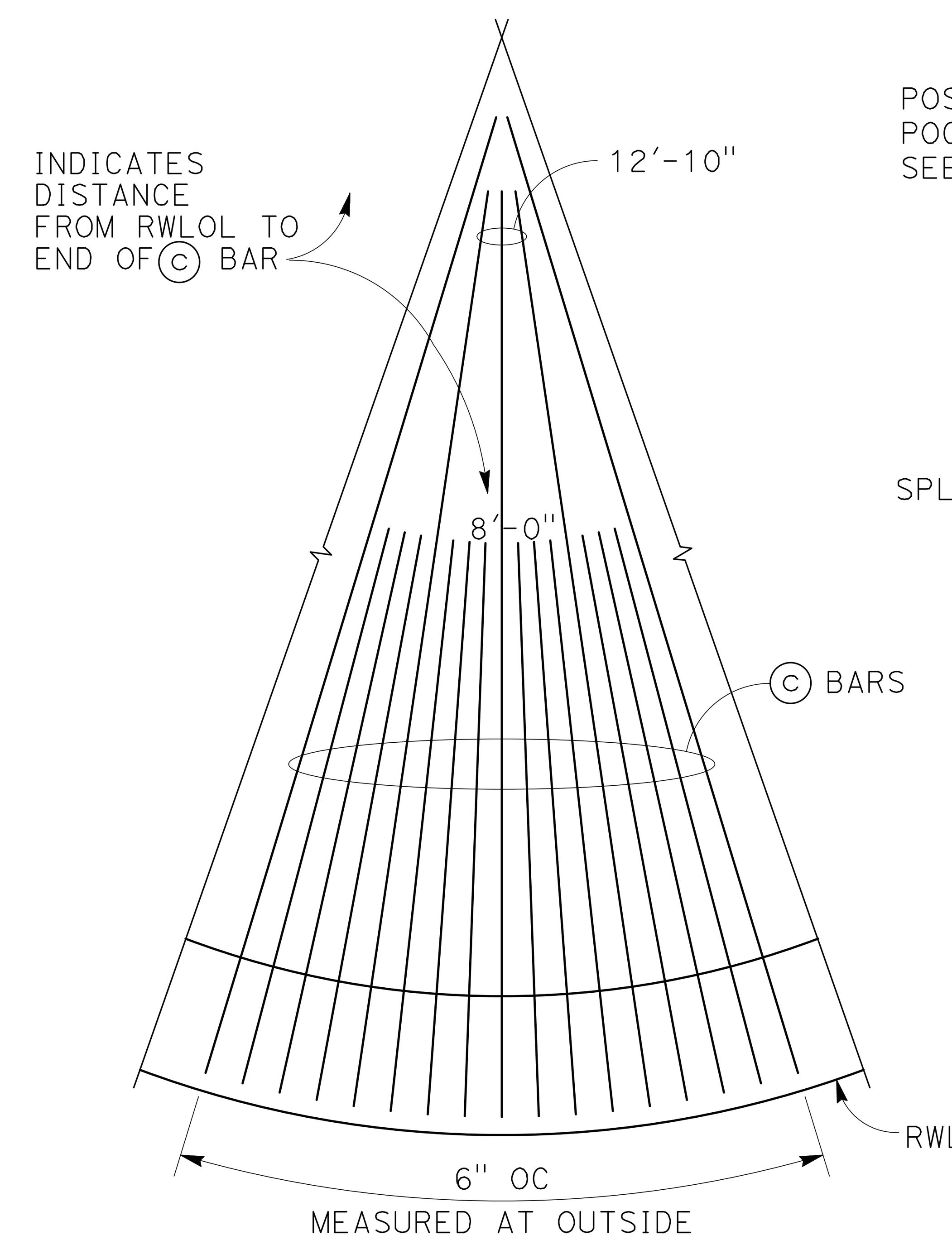
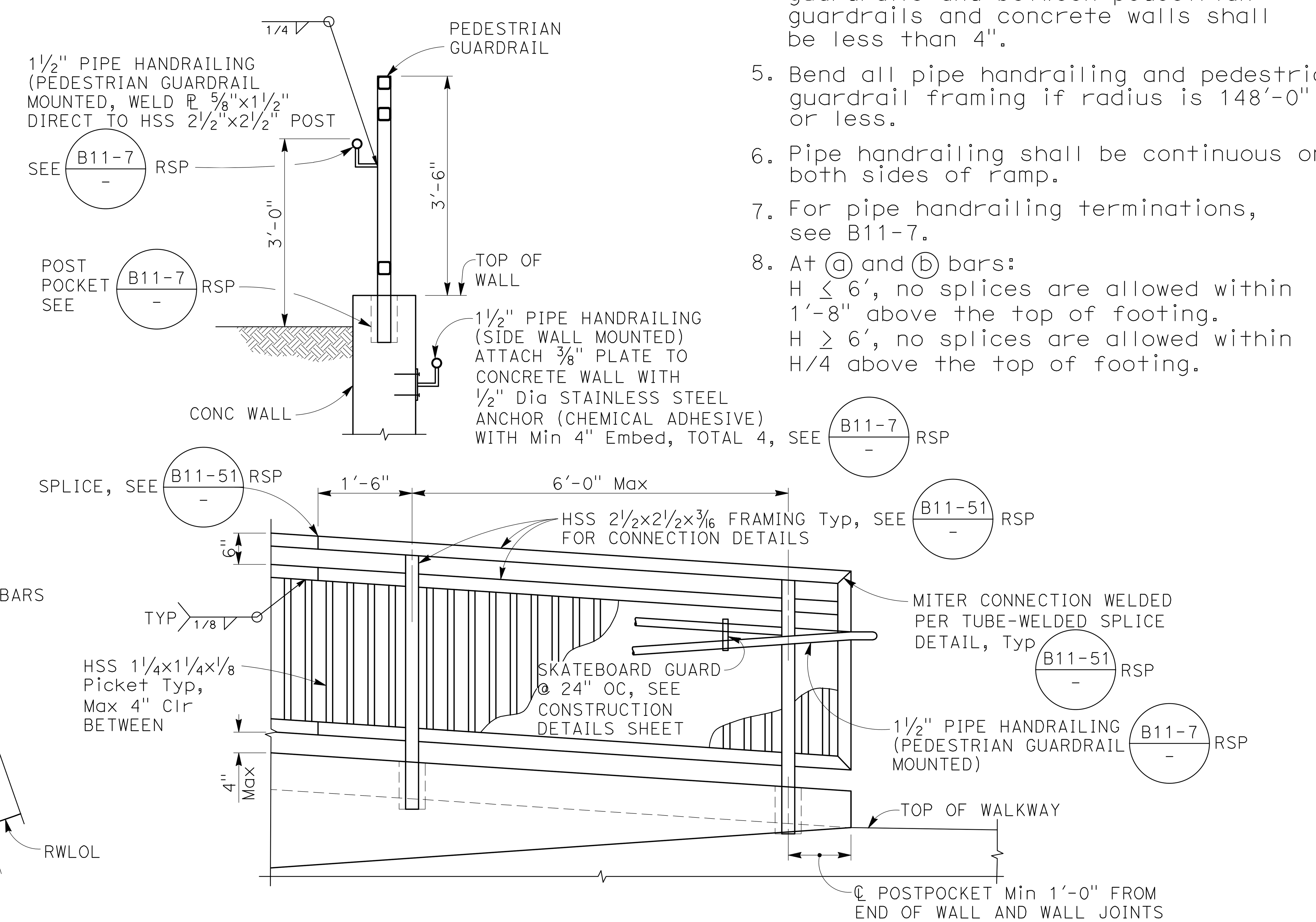


CURB DETAIL
1" = 5′



PLAN - CURVED SECTION
½" = 1′-0"



PEDESTRIAN GUARDRAIL WITH HANDRAIL DETAIL
¾" = 1′-0"

NOTES:

1. See Caltrans standard plan B3-4B for all other retaining wall details.
2. Pipe handrailing shall conform to horizontal and vertical alignment.
3. Pedestrian guardrail posts shall be vertical.
4. Maximum opening size in pedestrian guardrails and between pedestrian guardrails and concrete walls shall be less than 4".
5. Bend all pipe handrailing and pedestrian guardrail framing if radius is 148′-0" or less.
6. Pipe handrailing shall be continuous on both sides of ramp.
7. For pipe handrailing terminations, see B11-7.
8. At ⓐ and ⓑ bars:
   H ≤ 6′, no splices are allowed within 1′-8" above the top of footing.
   H ≥ 6′, no splices are allowed within H/4 above the top of footing.

(2019343SBW_S7) 2019343

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	63	79

REGISTERED CIVIL ENGINEER 6-30-2022 DATE

8/24/2022
PLANS APPROVAL DATE

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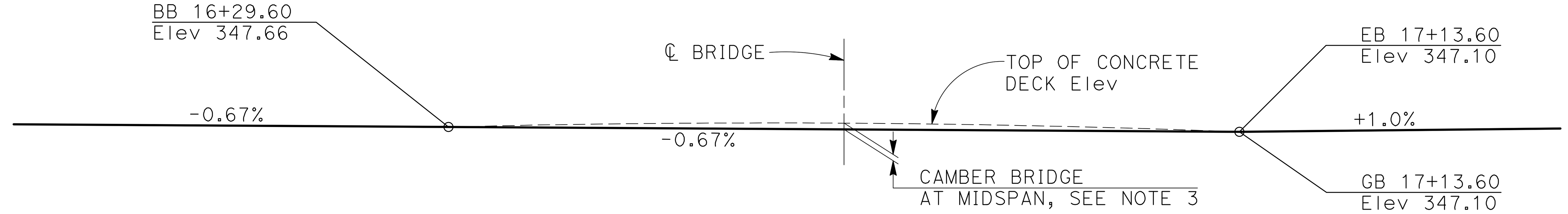
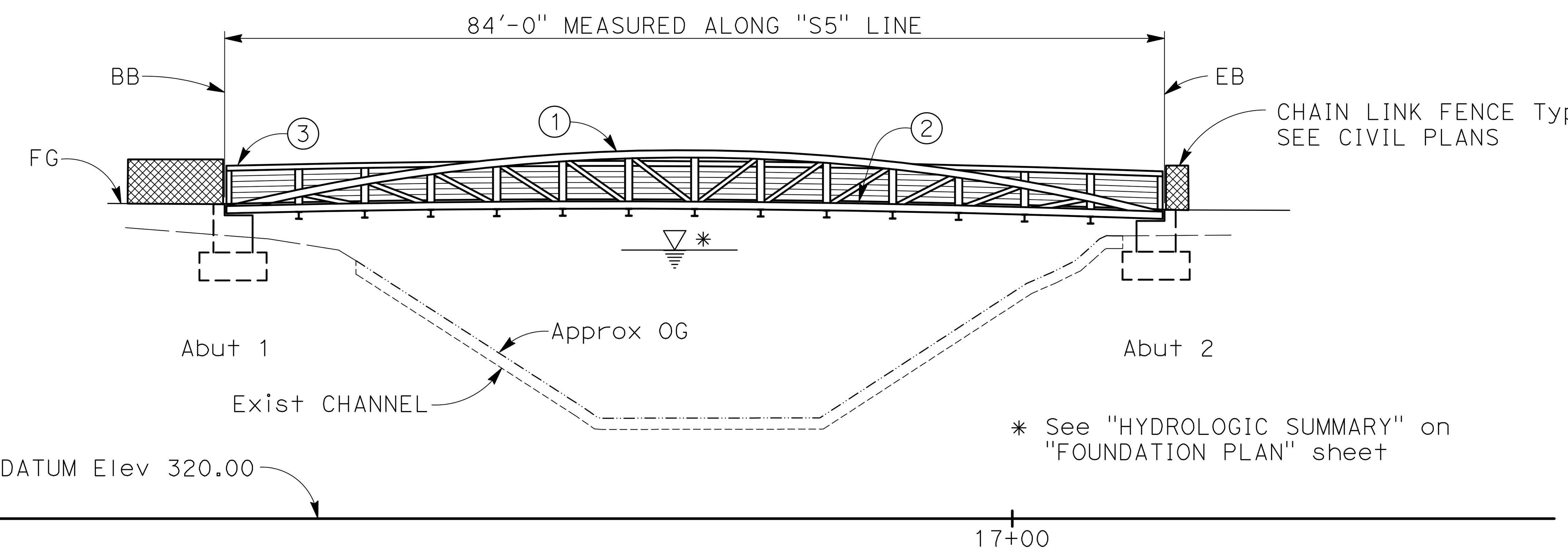
TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

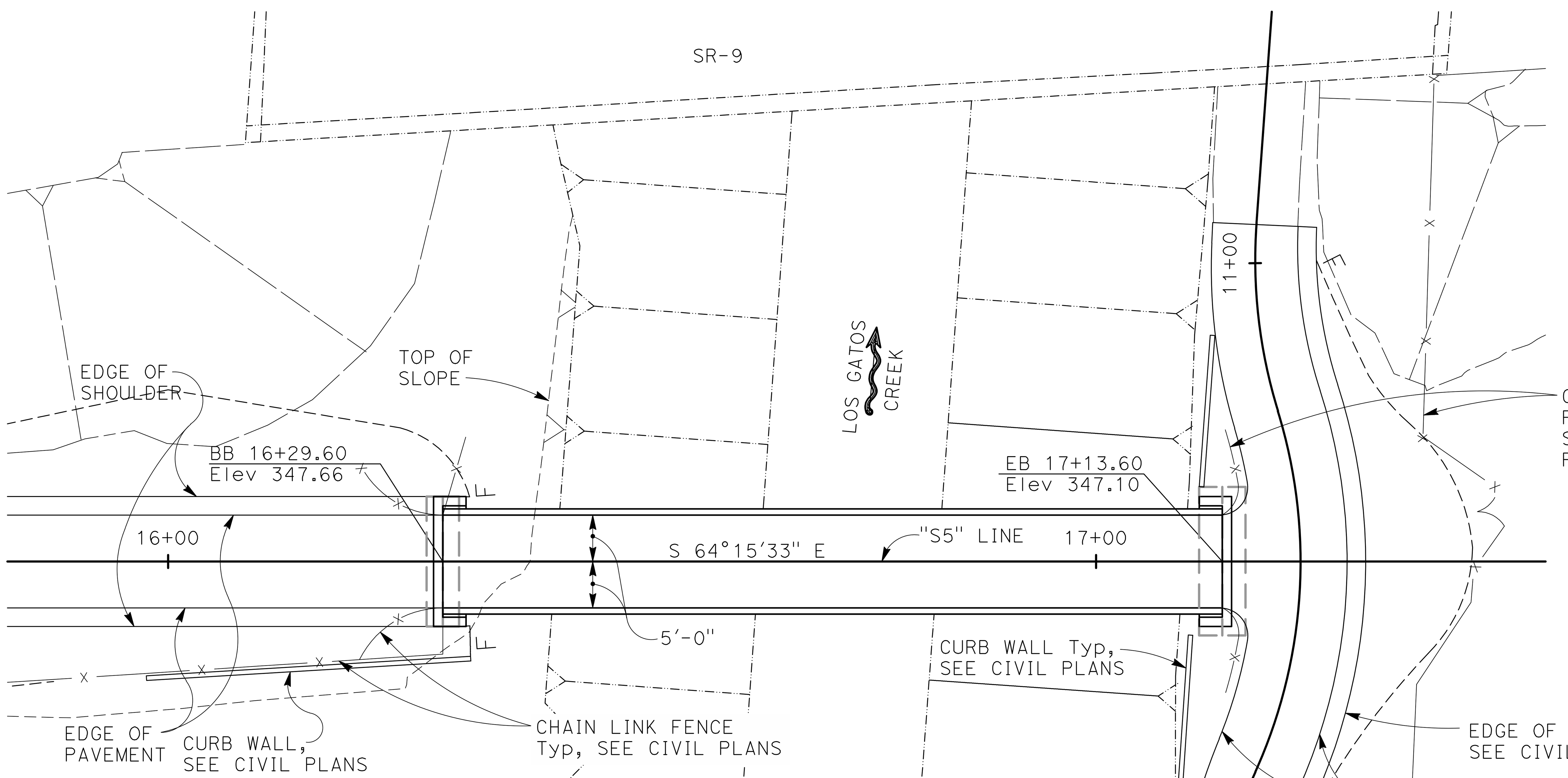
BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



PROFILE GRADE
NO SCALE



ELEVATION
1" = 10'



NOTE:
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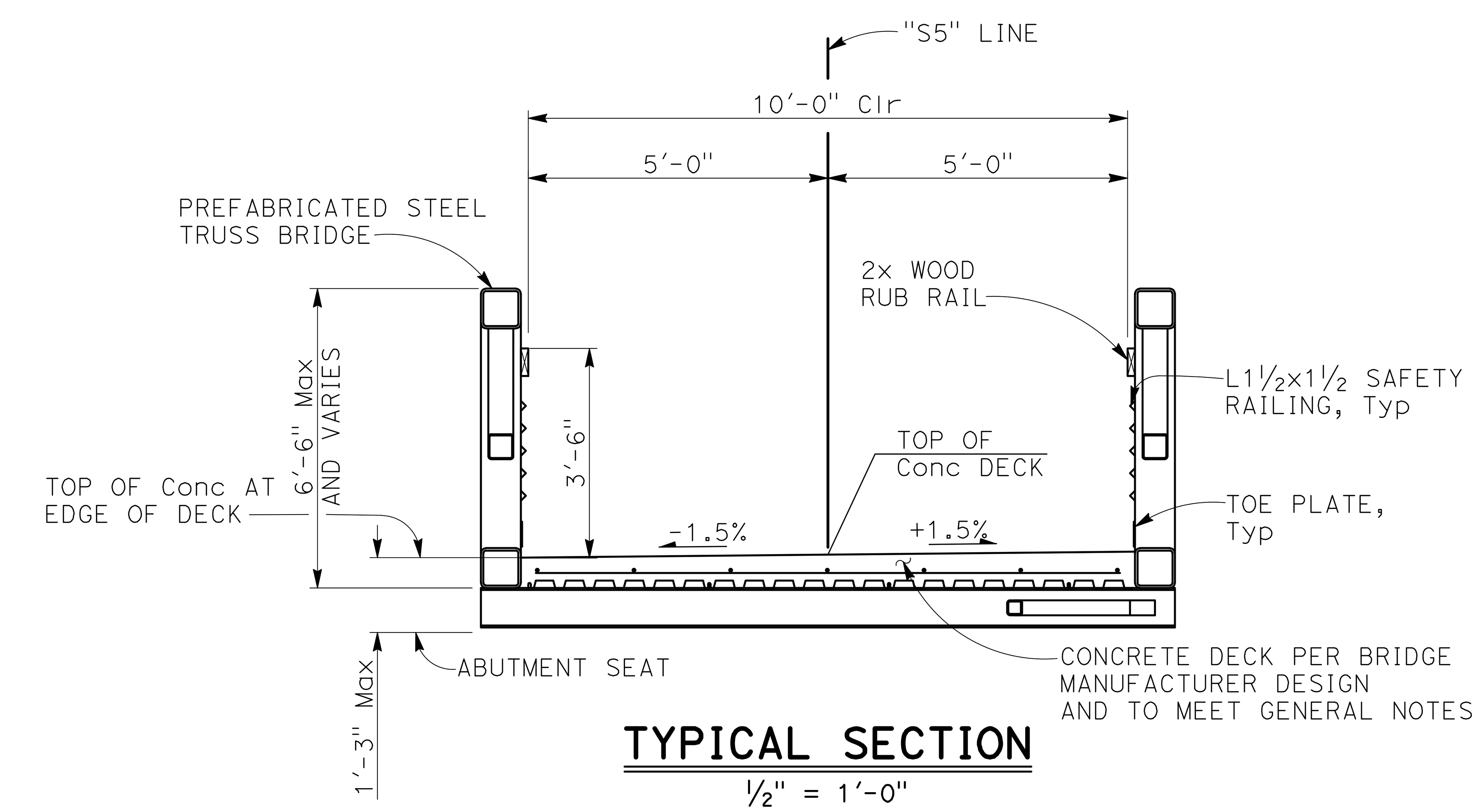
PLAN
1" = 10'



TYPICAL SECTION
½" = 1'-0"

NOTES:

1. For general notes and index to plans, see GENERAL NOTES sheet.
2. Prefabricated bridge length to be verified with In-Place location of anchor bolts prior to bridge fabrication.
3. Bridge camber at mid-span shall be equal to 100% of full dead load deflection plus 1'-0".

(1) Prefabricated steel bridge
(2) Top of walkway
(3) Safety railing

LANCE SCHREY *Lance Schrey*
DESIGN OVERSIGHT
7/26/22
SIGN OFF DATE

	BY	CHECKED
DESIGN	A. RICHARDSON	K. ELLSWORTH
DETAILS	A. RICHARDSON	K. ELLSWORTH
QUANTITIES	T. TECHAJONGCHAREON	K. ELLSWORTH

LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING: 90 PSF PEDESTRIAN LOAD AND H5 MAINTENANCE VEHICLE	
LAYOUT	BY A. RICHARDSON	CHECKED I. LI
SPECIFICATIONS	BY A. RICHARDSON	PLANS AND SPECS COMPARED I. LI

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE
GENERAL PLAN

DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 03/14/12)

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 1 OF 5

FILE => $REQUEST

2019343 (2019343_S1)
TIME PLOTTED => $TIME
DATE PLOTTED => $DATE
USERNAME => $USER

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	64	79

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8/24/2022
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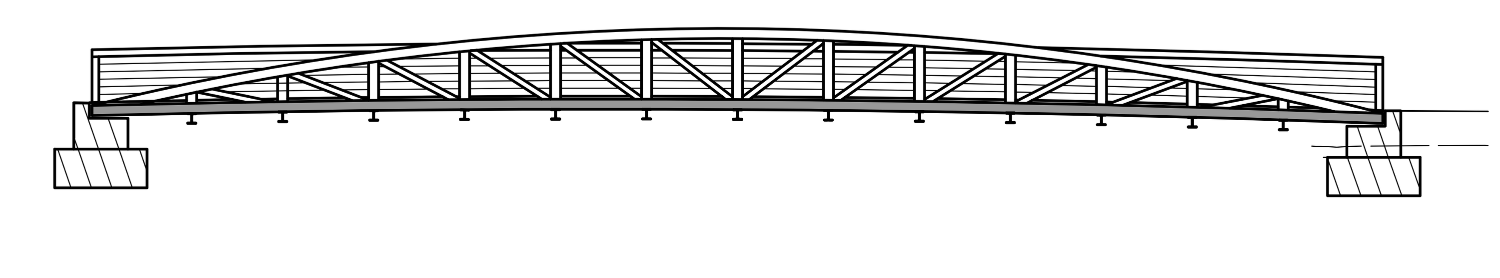
OAKLAND, CALIFORNIA 94607

INDEX TO BRIDGE PLANS



2018 STANDARD PLANS

	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)
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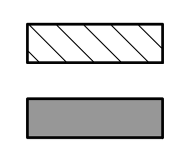
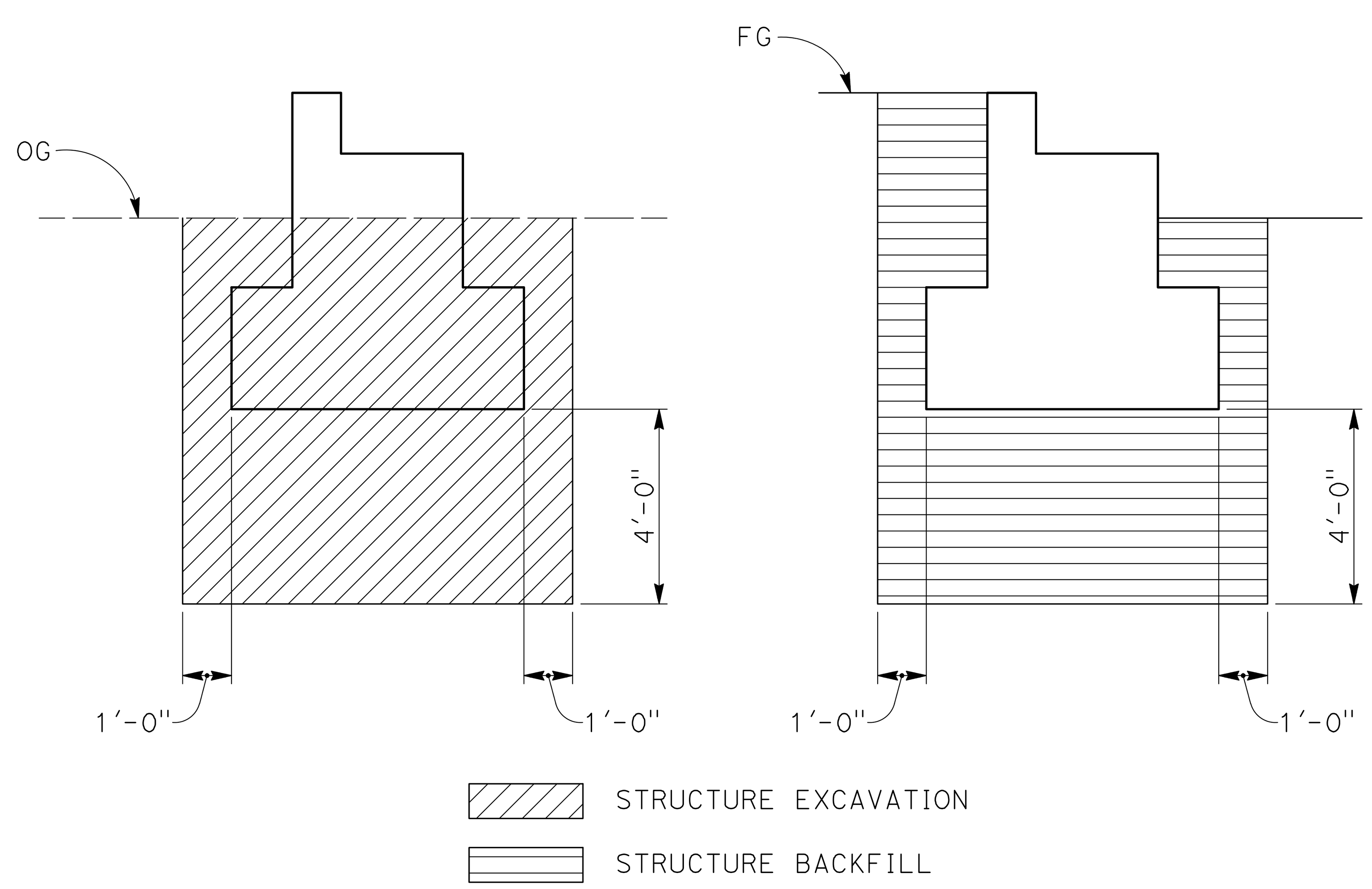
	A10D	LEGEND - LINES AND SYMBOLS (SHEET 4 OF 5)
	A10E	LEGEND - LINES AND SYMBOLS (SHEET 5 OF 5)
	A62C	LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE
RSP	B11-7	CHAIN LINK RAILING



CONCRETE STRENGTH AND TYPE LIMITS

NO SCALE



LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL

NO SCALE

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

GENERAL NOTES
LOAD & RESISTANCE FACTOR DESIGN

DESIGN: AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES (2009) WITH 2015 INTERIM REVISIONS.

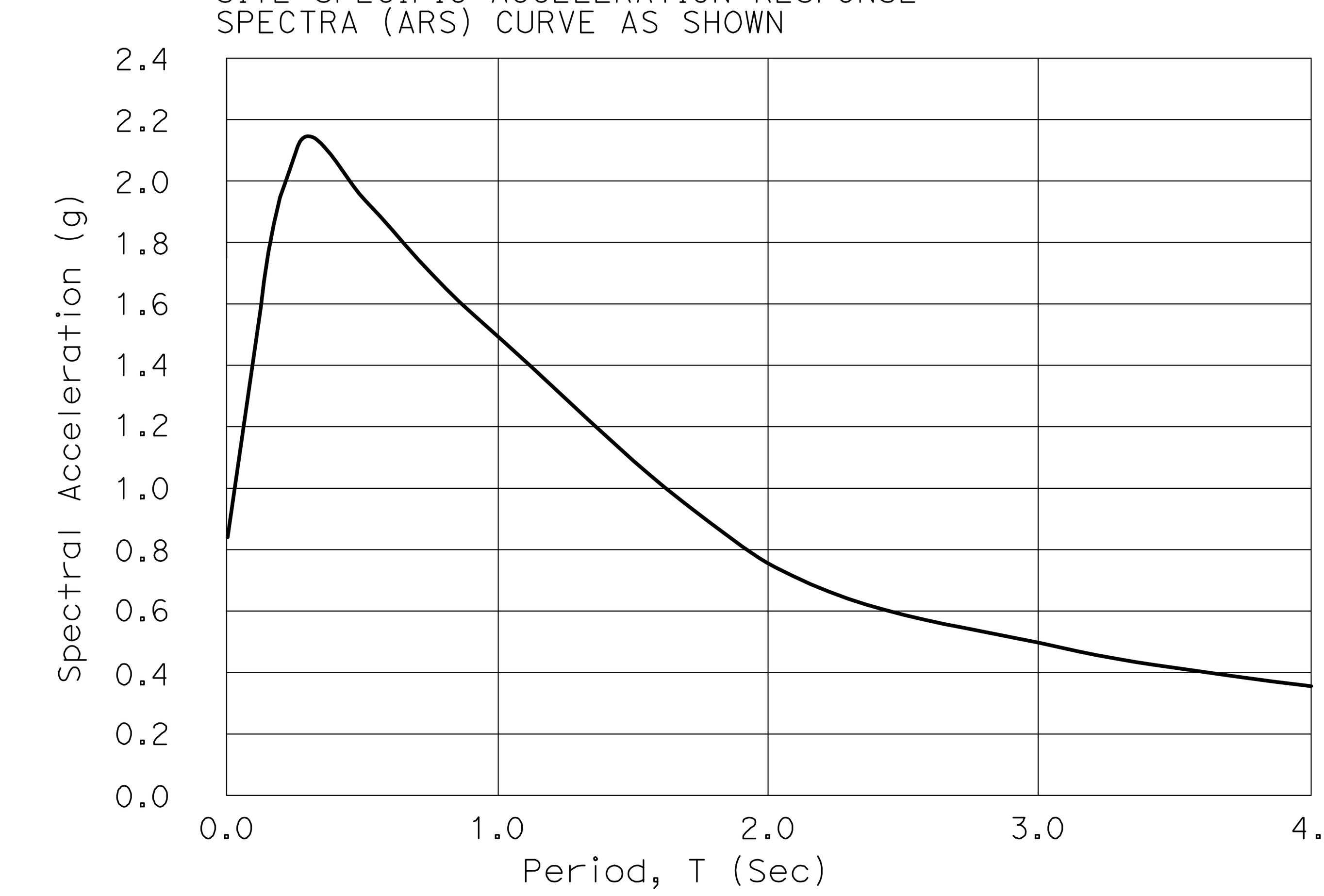
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 8th EDITION AND CALIFORNIA AMENDMENTS DATED SEPTEMBER 2017.

DEAD LOAD: BRIDGE PLUS DECK = 90 kips MAX, NOT TO BE EXCEEDED

LIVE LOAD: PEDESTRIAN LOAD = 90 POUNDS PER SQUARE FOOT
VEHICLE LOAD = H5 DESIGN VEHICLE (10,000 LB)

SEISMIC DESIGN: CALTRANS SEISMIC DESIGN CRITERIA (SDC) VERSION 2.0. DATED APRIL 2019, SUPPLEMENTED BY THE Caltrans GUIDE SPECIFICATIONS FOR SEISMIC DESIGN OF STEEL BRIDGES, SECOND EDITION.

SEISMIC LOAD: SOIL PROFILE: = D, V = 1150 FT/SEC
MOMENT MAGNITUDE: 7.3 (Ms30) MAX
PEAK GROUND ACCELERATION: 0.85g
SITE SPECIFIC ACCELERATION RESPONSE SPECTRA (ARS) CURVE AS SHOWN



ARS DESIGN CURVE

NO SCALE

REINFORCED CONCRETE: fy = 60,000 psi
f'c = SEE "CONCRETE STRENGTH AND TYPE LIMITS"
n = 8

REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A706 GRADE 60

PREFABRICATED BRIDGE:

PLATES & SHAPES:	(Fy = 50 ksi) ASTM A709, A588 OR A606, GRADE 50W
STEEL TUBING:	(Fy = 50 ksi) ASTM A847
STUD CONNECTORS:	ASTM A108
WELDING:	AWS D1.1
BOLTS:	ASTM AF3125 GRADE A325 TYPE 3
DECKING:	POLYMER FIBER CONCRETE OVER METAL DECK

ANCHOR BOLTS: ASTM F1554, GRADE 55, HOT DIPPED GALVANIZED
NON-SHRINK GROUT: f'c = 6,000 psi AT 7 DAYS

2019343 (2019343_S2)

LANCE SCHREY *Lance Schrey*
DESIGN OVERSIGHT
7/26/22
SIGN OFF DATE

DESIGN	BY A. RICHARDSON	CHECKED K. ELLSWORTH
DETAILS	BY A. RICHARDSON	CHECKED K. ELLSWORTH
QUANTITIES	BY T. TECHAJONGCHAREON	CHECKED K. ELLSWORTH

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE

GENERAL NOTES

DESIGN DETAIL SHEET (ENGLISH) (REV. 03/14/12)

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 2 OF 5

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	65	79

REGISTERED CIVIL ENGINEER 6-30-2022 DATE

8/24/2022
PLANS APPROVAL DATE

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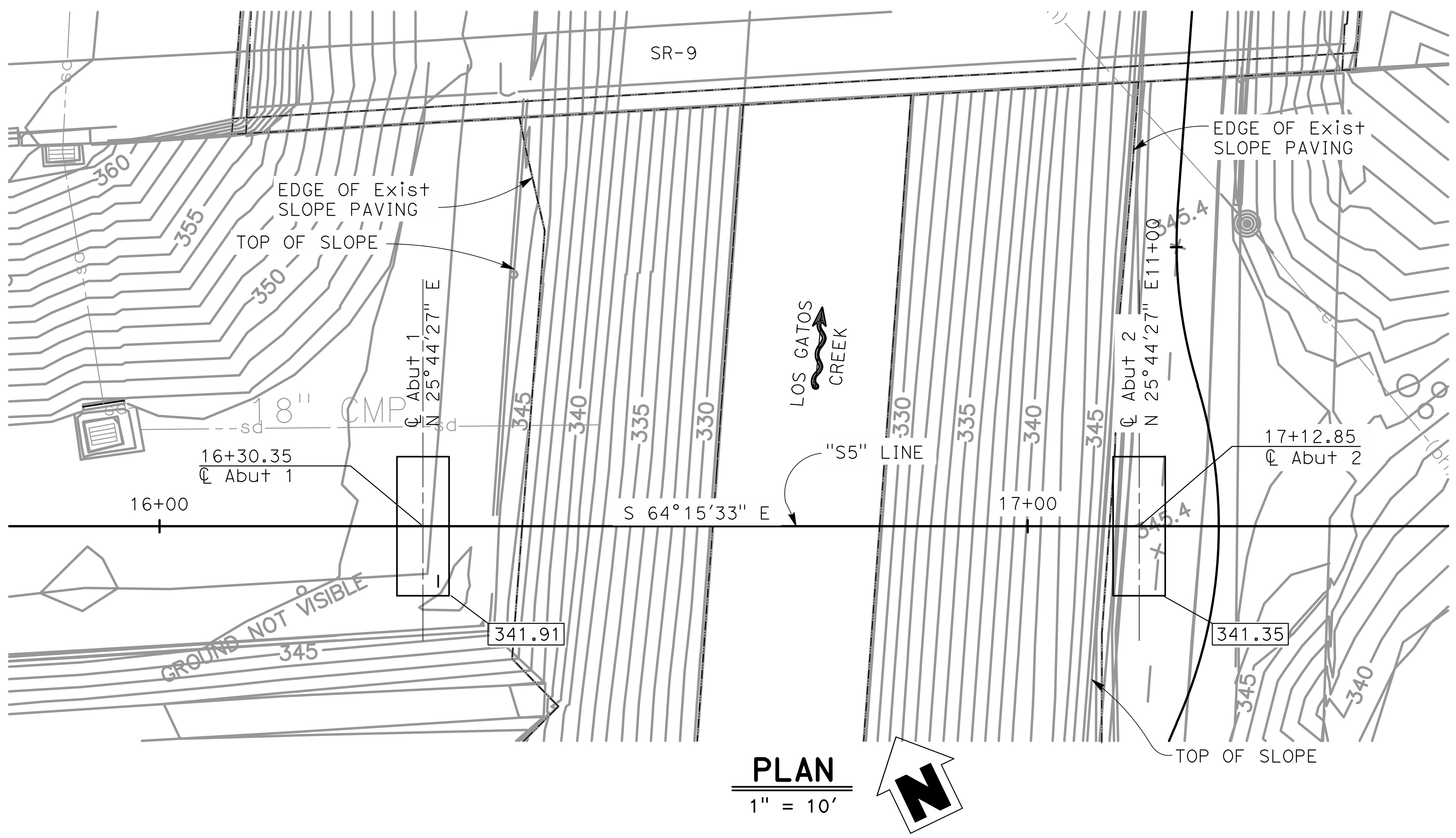
REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

TOWN OF LOS GATOS
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



PLAN
1" = 10'

LEGEND:

FC01 Indicates Bottom of Footing Elevation
x15.4 Indicates Spot Elevation

NOTE:
Verify utility locations with ROADWAY PLANS

SPREAD FOOTING DATA TABLE

SUPPORT LOCATION	SERVICE (SETTLEMENT)	STRENGTH/CONSTRUCTION θ_b = 0.45	EXTREME EVENT θ_b = 1.00
	PERMISSIBLE NET CONTACT STRESS (ksf)	FACTORED GROSS NOMINAL BEARING RESISTANCE (ksf)	FACTORED GROSS NOMINAL BEARING RESISTANCE (ksf)
Abut 1	11.85	12.38	N/A
Abut 2	11.85	12.38	N/A

HYDROLOGIC SUMMARY

FREQUENCY (YEARS)	100 YEARS	50 YEARS
DISCHARGE (CUBIC FEET PER SECOND)	7,100 CFS	5,540 CFS
WATER SURFACE (ELEVATION AT U/S FACE OF BRIDGE) (FEET)	342.9 FEET	341.0 FEET
VELOCITY (FEET PER SECOND)	13.9 FPS	13.4 FPS

GEOTECHNICAL PROFESSIONAL | APPROVAL DATE

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

LANCE SCHREIER Lance Schreier
DESIGN OVERSIGHT
7/26/22
SIGN OFF DATE

SCALE:	VERT.DATUM	HORZ.DATUM	
PHOTOGRAMMETRY AS OF:		ALIGNMENT TIES	
SURVEYED	BY	DRAFTED	BY
FIELD CHECKED	BY	CHECKED	BY

DESIGN	BY A. RICHARDSON	CHECKED	K. ELLSWORTH
DETAILS	BY A. RICHARDSON	CHECKED	K. ELLSWORTH
QUANTITIES	BY T. TECHAJONGCHAREON	CHECKED	K. ELLSWORTH

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE
FOUNDATION PLAN

FOUNDATION PLAN SHEET (ENGLISH) (REV. 03-14-12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE:
CONTRACT NO.:
FILE => $REQUEST

DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES
SHEET 3 OF 5

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME 2019343 (2019343_S1)

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCl	9	11.1/11.4	66	79

REGISTERED CIVIL ENGINEER — DATE 6-30-2022

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/24 CIVIL STATE OF CALIFORNIA

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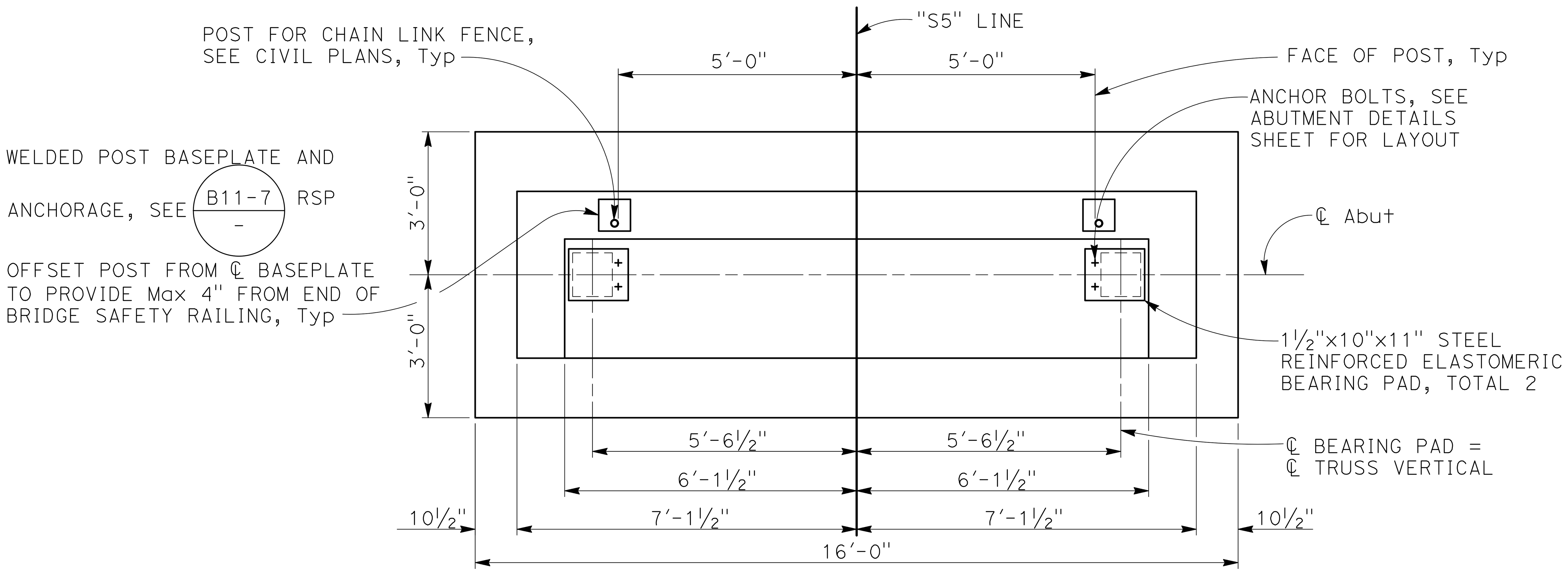
41 MILES AVENUE
LOS GATOS, CALIFORNIA 95030

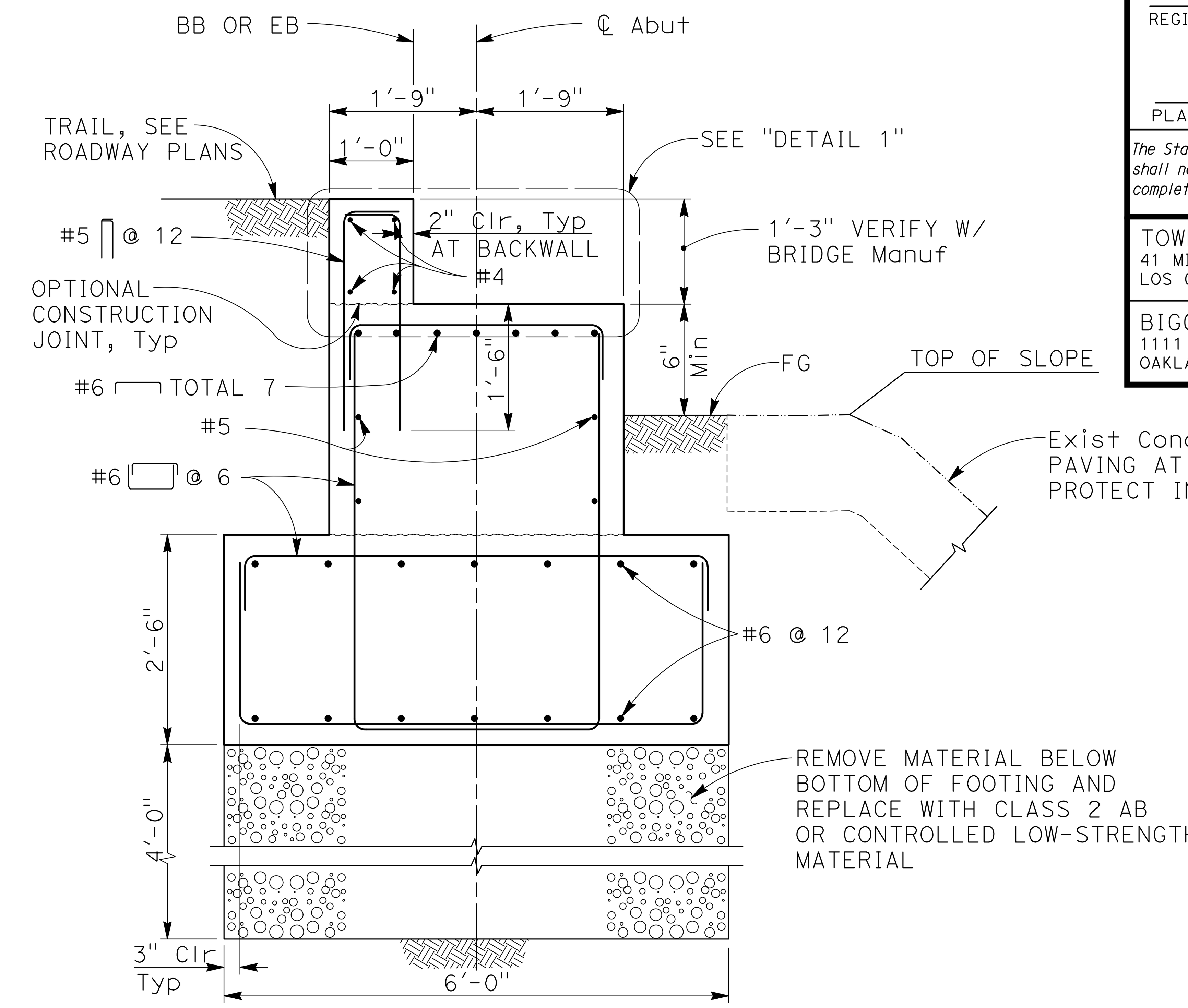
BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



ABUTMENT PLAN

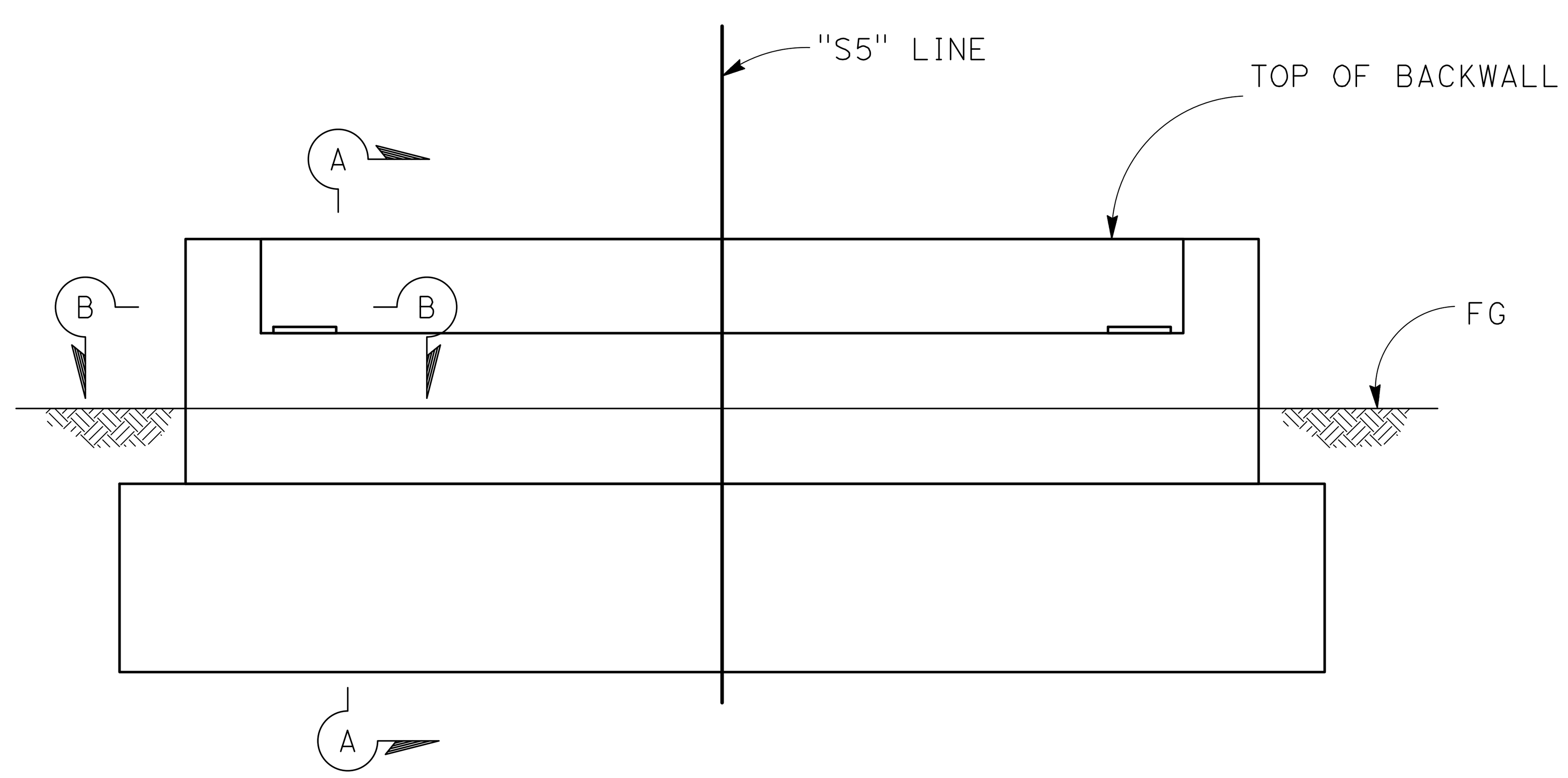
½" = 1'-0"

NOTE:
Abutment 1 shown, Abutment 2 similar



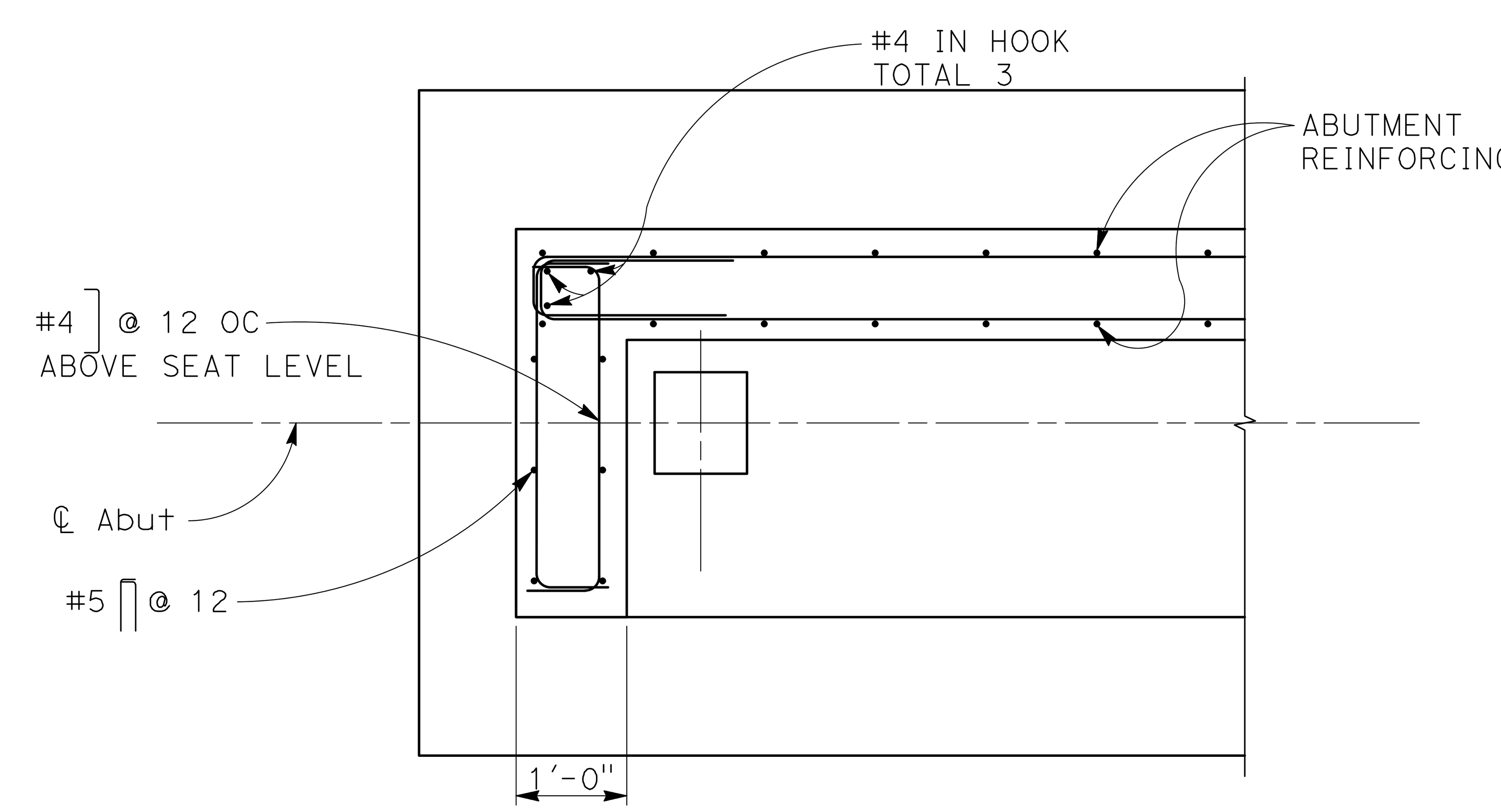
SECTION A-A

¾" = 1'-0"



ABUTMENT ELEVATION

½" = 1'-0"



SECTION B-B

¾" = 1'-0"

NOTES:
1. For sections and details, see "Abutment Details" sheet.
2. The bridge manufacturer may propose alternative bearing and anchorage details and dimensions in the bridge design submittals for review and approval by the Engineer.

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

LANCE SCHREY *Lance Schrey* DESIGN OVERSIGHT 7/26/22 SIGN OFF DATE	DESIGN	BY A. RICHARDSON	CHECKED K. ELLSWORTH	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	A. RICHARDSON PROJECT ENGINEER	BRIDGE NO. 37-0138Z
	DETAILS	BY A. RICHARDSON	CHECKED K. ELLSWORTH			POST MILES 11.3
	QUANTITIES	BY T. TECHAJONGCHAREON	CHECKED K. ELLSWORTH			

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE
ABUTMENT LAYOUT AND DETAILS

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SCI	9	11.1/11.4	67	79

REGISTERED CIVIL ENGINEER 6-30-2022 DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANTHONY W RICHARDSON No. 66373 Exp.6/30/24 CIVIL STATE OF CALIFORNIA

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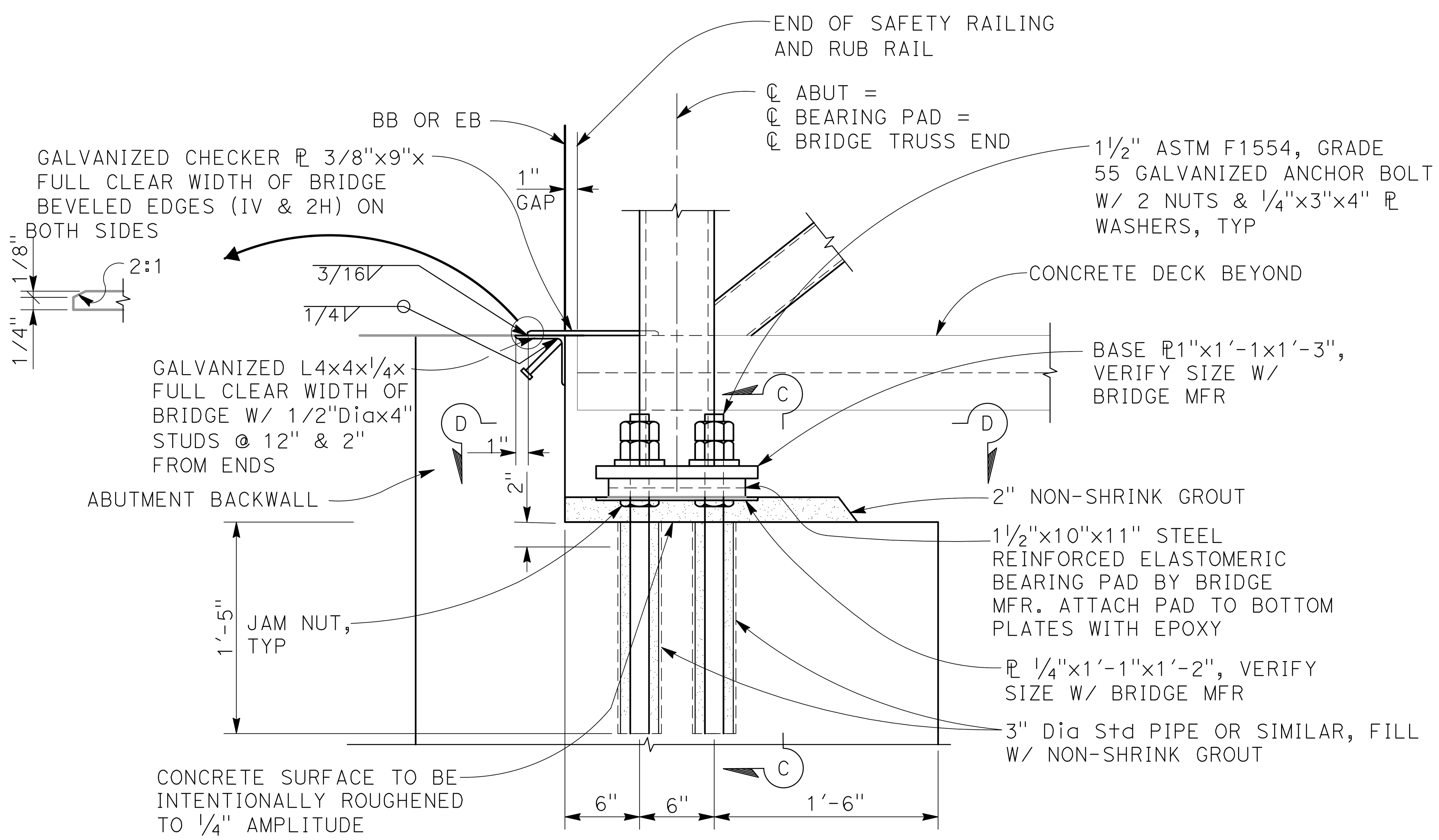
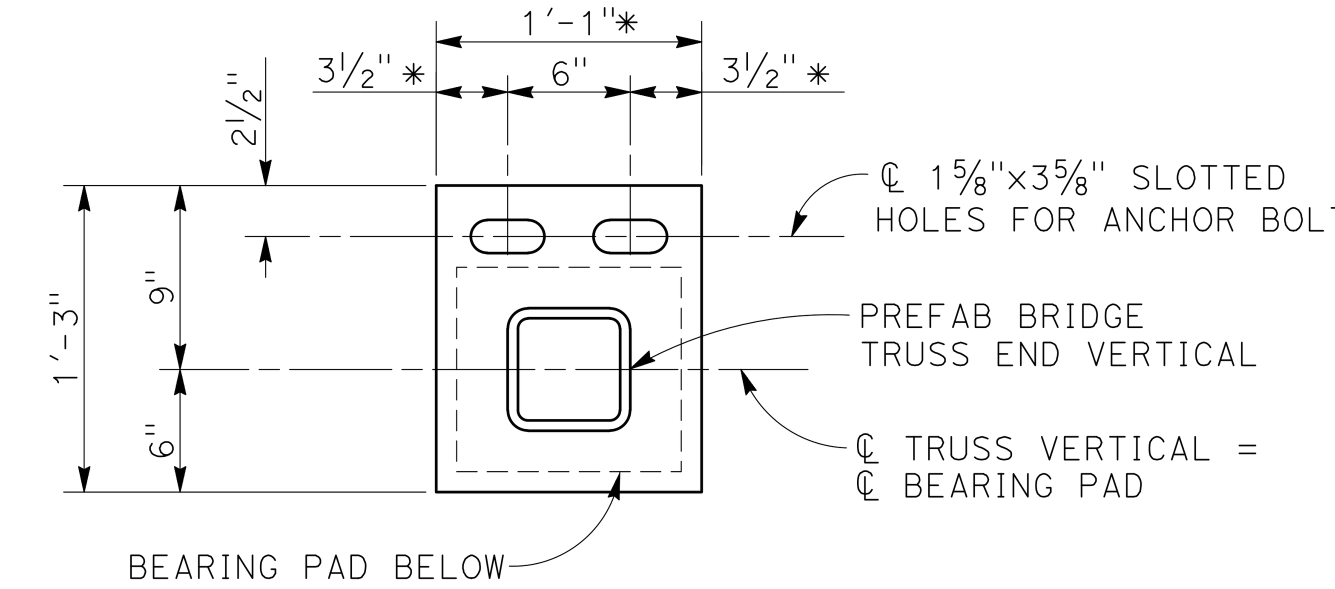
LOS GATOS, CALIFORNIA 95030

BIGGS CARDOSA ASSOCIATES INC.
1111 BROADWAY, SUITE 1510
OAKLAND, CALIFORNIA 94607



NOTE:
AT EXPANSION BEARING, BACK-OUT NUT 1/2" TURN, TIGHTEN AGAINST SECOND NUT AND PEEN BOLT THREADS.

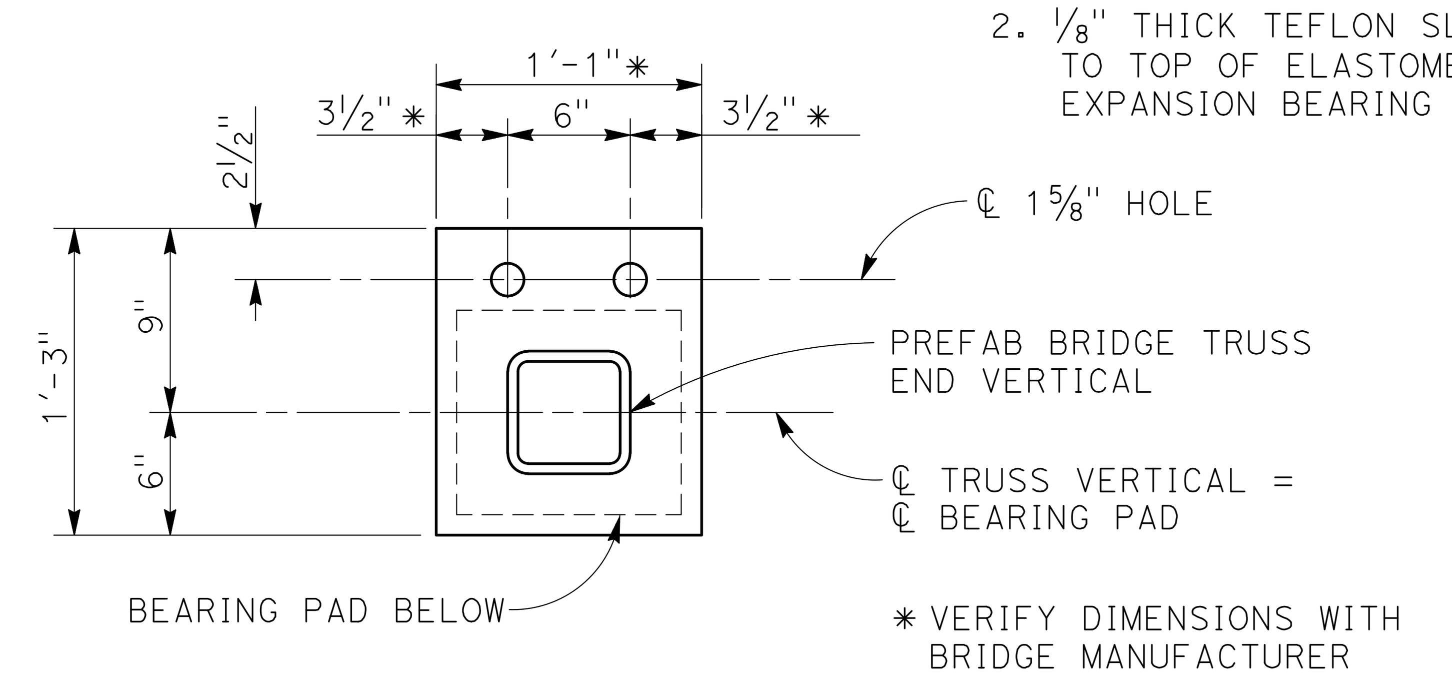
DETAIL 1/S4
1½" = 1'-0"



EXPANSION BEARING - ABUTMENT 2

* VERIFY DIMENSIONS WITH BRIDGE MANUFACTURER

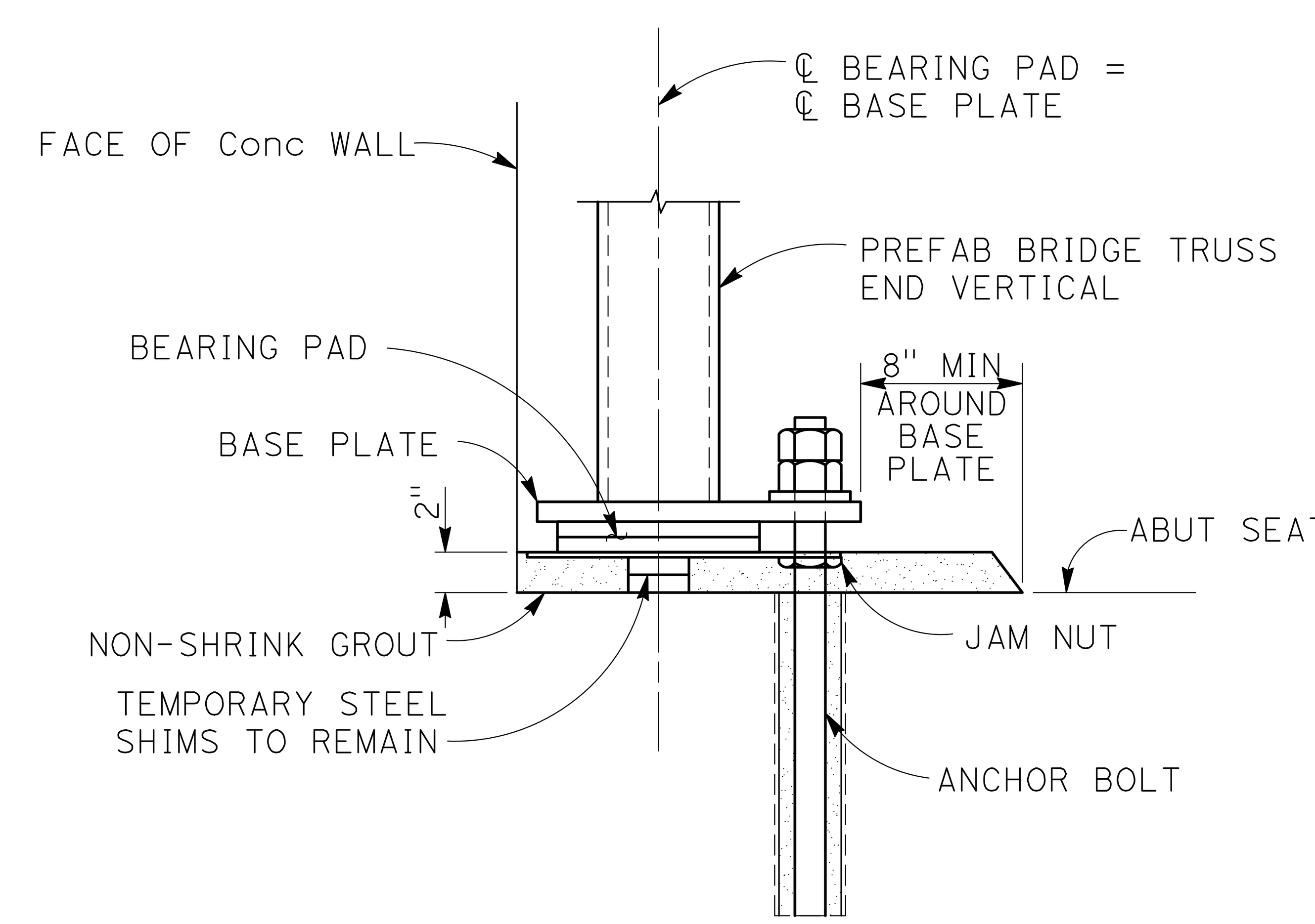
NOTES:
1. ANCHOR BOLTS TO BE CENTERED AT TIME OF INSTALLATION
2. ⅛" THICK TEFLON SLIDE BEARING BONDED TO TOP OF ELASTOMERIC BEARING AT EXPANSION BEARING ONLY



* VERIFY DIMENSIONS WITH BRIDGE MANUFACTURER

FIXED BEARING - ABUTMENT 1

SECTION D-D
BASEPLATE DETAILS
1½" = 1'-0"



SECTION C-C
1½" = 1'-0"

NOTE:
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LANCE SCHREY *Lance Schrey* DESIGN OVERSIGHT 7/26/22 SIGN OFF DATE	DESIGN	BY A. RICHARDSON	CHECKED K. ELLSWORTH	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
	DETAILS	BY A. RICHARDSON	CHECKED K. ELLSWORTH	
	QUANTITIES	BY T. TECHAJONGCHAREON	CHECKED K. ELLSWORTH	

A. RICHARDSON
PROJECT ENGINEER

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE
ABUTMENT DETAILS

ERIC JOHNSON
REGISTERED CIVIL ENGINEER
DATE 6/30/2022

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ERIC G. JOHNSON
79514
Exp. 6-30-22
CIVIL
STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

REFERENCE: CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

CEMENTATION

Description	Criteria
Weak	Crumbles or breaks with handling or little finger pressure.
Moderate	Crumbles or breaks with considerable finger pressure.
Strong	Will not crumble or break with finger pressure.

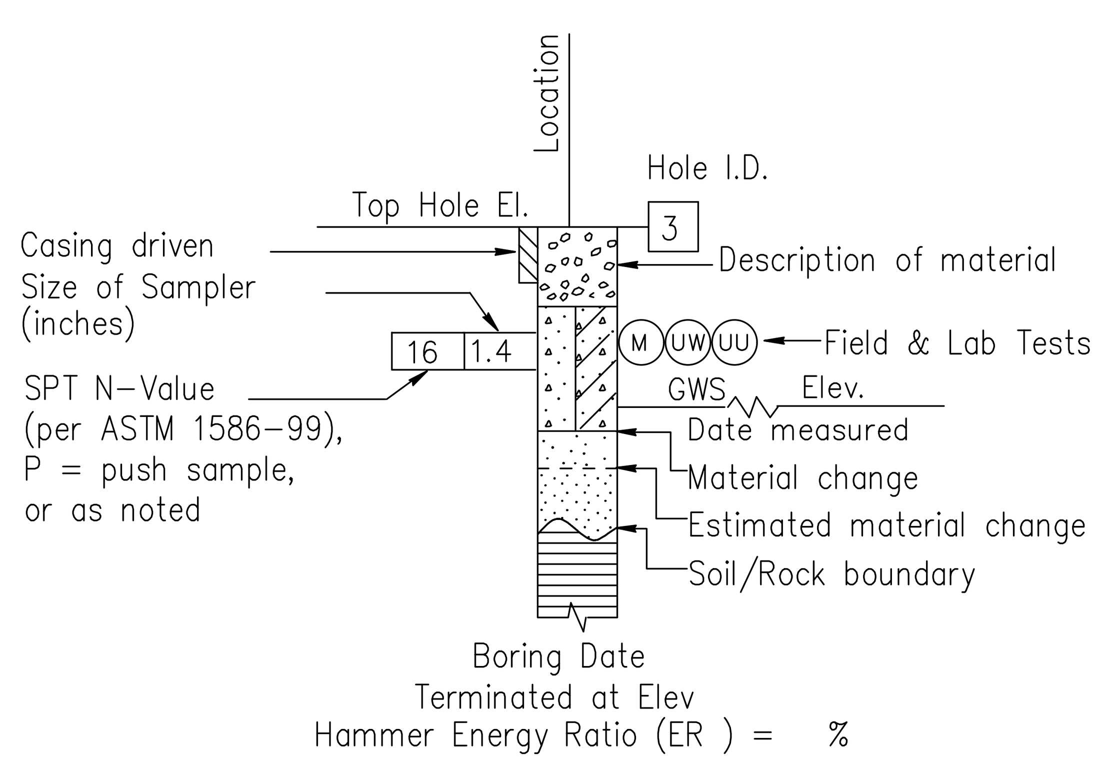
BOREHOLE IDENTIFICATION

Symbol	Hole Type	Description
Size	A	Auger Boring (hollow or solid stem bucket)
Size	R RW RC P	Rotary drilled boring (conventional) Rotary drilled with self-casing wire-line Rotary core with continuously-sampled, self-casing wire-line Rotary percussion boring (air)
Size	R	Rotary drilled diamond core
Size	HD HA	Hand driven (1-inch soil tube) Hand Auger
◎	D	Dynamic Cone Penetration Boring
▲	CPT	Cone Penetration Test (ASTM D 5778)
⬚	O	Other (note on LOTB)

Note: Size in inches.

CONSISTENCY OF COHESIVE SOILS

Description	Shear Strength (tsf)	Pocket Penetrometer Measurement, PP, (tsf)	Torvane Measurement, TV, (tsf)	Vane Shear Measurement, VS, (tsf)
Very Soft	Less than 0.12	Less than 0.25	Less than 0.12	Less than 0.12
Soft	0.12 - 0.25	0.25 - 0.5	0.12 - 0.25	0.12 - 0.25
Medium Stiff	0.25 - 0.5	0.5 - 1	0.25 - 0.5	0.25 - 0.5
Stiff	0.5 - 1	1 - 2	0.5 - 1	0.5 - 1
Very Stiff	1 - 2	2 - 4	1 - 2	1 - 2
Hard	Greater than 2	Greater than 4	Greater than 2	Greater than 2



ROTARY BORING

REFERENCE: CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.3	69	79

ERIC JOHNSON 6/30/2022
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
ERIC G. JOHNSON
79514
Exp. 6-30-22
CIVIL
STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

GROUP SYMBOLS AND NAMES

Graphic/Symbol		Group Names	Graphic/Symbol		Group Names
	GW	Well-graded GRAVEL Well-graded GRAVEL with SAND		CL	Lean CLAY Lean CLAY with SAND Lean CLAY with GRAVEL SANDY lean CLAY SANDY lean CLAY with GRAVEL GRAVELLY lean CLAY GRAVELLY lean CLAY with SAND
	GP	Poorly-graded GRAVEL Poorly-graded GRAVEL with SAND			
	GW-GM	Well-graded GRAVEL with SILT Well-graded GRAVEL with SILT and SAND		CL-ML	SILTY CLAY SILTY CLAY with SAND SILTY CLAY with GRAVEL SANDY SILTY CLAY SANDY SILTY CLAY with GRAVEL GRAVELLY SILTY CLAY GRAVELLY SILTY CLAY with SAND
	GW-GC	Well-graded GRAVEL with CLAY (or SILTY CLAY) Well-graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)			
	GP-GM	Poorly-graded GRAVEL with SILT Poorly-graded GRAVEL with SILT and SAND		ML	SILT SILT with SAND SILT with GRAVEL SANDY SILT SANDY SILT with GRAVEL GRAVELLY SILT GRAVELLY SILT with SAND
	GP-GC	Poorly-graded GRAVEL with CLAY (or SILTY CLAY) Poorly-graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)			
	GM	SILTY GRAVEL SILTY GRAVEL with SAND		OL	ORGANIC lean CLAY ORGANIC lean CLAY with SAND ORGANIC lean CLAY with GRAVEL SANDY ORGANIC lean CLAY SANDY ORGANIC lean CLAY with GRAVEL GRAVELLY ORGANIC lean CLAY GRAVELLY ORGANIC lean CLAY with SAND
	GC	CLAYEY GRAVEL CLAYEY GRAVEL with SAND			
	GC-GM	SILTY, CLAYEY GRAVEL SILTY, CLAYEY GRAVEL with SAND		OL	ORGANIC SILT ORGANIC SILT with SAND ORGANIC SILT with GRAVEL SANDY ORGANIC SILT SANDY ORGANIC SILT with GRAVEL GRAVELLY ORGANIC SILT GRAVELLY ORGANIC SILT with SAND
	SW	Well-graded SAND Well-graded SAND with GRAVEL			
	SP	Poorly-graded SAND Poorly-graded SAND with GRAVEL		CH	Fat CLAY Fat CLAY with SAND Fat CLAY with GRAVEL SANDY fat CLAY SANDY fat CLAY with GRAVEL GRAVELLY fat CLAY GRAVELLY fat CLAY with SAND
	SW-SM	Well-graded SAND with SILT Well-graded SAND with SILT and GRAVEL			
	SW-SC	Well-graded SAND with CLAY (or SILTY CLAY) Well-graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL)		MH	Elastic SILT Elastic SILT with SAND Elastic SILT with GRAVEL SANDY elastic SILT SANDY elastic SILT with GRAVEL GRAVELLY elastic SILT GRAVELLY elastic SILT with SAND
	SP-SM	Poorly-graded SAND with SILT Poorly-graded SAND with SILT and GRAVEL			
	SP-SC	Poorly-graded SAND with CLAY (or SILTY CLAY) Poorly-graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL)		OH	ORGANIC fat CLAY ORGANIC fat CLAY with SAND ORGANIC fat CLAY with GRAVEL SANDY ORGANIC fat CLAY SANDY ORGANIC fat CLAY with GRAVEL GRAVELLY ORGANIC fat CLAY GRAVELLY ORGANIC fat CLAY with SAND
	SM	SILTY SAND SILTY SAND with GRAVEL			
	SC	CLAYEY SAND CLAYEY SAND with GRAVEL		OH	ORGANIC elastic SILT ORGANIC elastic SILT with SAND ORGANIC elastic SILT with GRAVEL SANDY ORGANIC elastic SILT SANDY ORGANIC elastic SILT with GRAVEL GRAVELLY ORGANIC elastic SILT GRAVELLY ORGANIC elastic SILT with SAND
	SC-SM	SILTY, CLAYEY SAND SILTY, CLAYEY SAND with GRAVEL			
	PT	PEAT		OL/OH	ORGANIC SOIL ORGANIC SOIL with SAND ORGANIC SOIL with GRAVEL SANDY ORGANIC SOIL SANDY ORGANIC SOIL with GRAVEL GRAVELLY ORGANIC SOIL GRAVELLY ORGANIC SOIL with SAND
		COBBLES COBBLES and BOULDERS BOULDERS			

FIELD AND LABORATORY TESTING

- (C) Consolidation (ASTM D 2435)
- (CL) Collapse Potential (ASTM D 5333)
- (CP) Compaction Curve (CTM 216)
- (CR) Corrosivity Testing (CTM 643, CTM 422, CTM 417)
- (CU) Consolidated Undrained Triaxial (ASTM D 4767)
- (DS) Direct Shear (ASTM D 3080)
- (EI) Expansion Index (ASTM D 4829)
- (M) Moisture Content (ASTM D 2216)
- (OC) Organic Content-% (ASTM D 2974)
- (P) Permeability (CTM 220)
- (PA) Particle Size Analysis (ASTM D 422)
- (PI) Plasticity Index (AASHTO T 90) Liquid Limit (AASHTO T 89)
- (PL) Point Load Index (ASTM D 5731)
- (PM) Pressure Meter
- (R) R-Value (CTM 301)
- (SE) Sand Equivalent (CTM 217)
- (SG) Specific Gravity (AASHTO T 100)
- (SL) Shrinkage Limit (ASTM D 427)
- (SW) Swell Potential (ASTM D 4546)
- (UC) Unconfined Compression-Soil (ASTM D 2166) Unconfined Compression-Rock (ASTM D 2938)
- (UU) Unconsolidated Undrained Triaxial (ASTM D 2850)
- (UW) Unit Weight (ASTM D 4767)

APPARENT DENSITY OF COHESIONLESS SOILS

Description	SPT N_{60} (Blows / 12 in.)
Very Loose	0 - 5
Loose	5 - 10
Medium Dense	10 - 30
Dense	30 - 50
Very Dense	Greater than 50

MOISTURE

Description	Criteria
Dry	No discernable moisture
Moist	Moisture present, but no free water
Wet	Visible free water

PERCENT OR PROPORTION OF SOILS

Description	Criteria
Trace	Particles are present but estimated to be less than 5%
Few	5% - 10%
Little	15% - 25%
Some	30% - 45%
Mostly	50% - 100%

PARTICLE SIZE

Description		Size (in.)
Boulder		Greater than 12
Cobble		3 - 12
Gravel	Coarse	3/4 - 3
	Fine	1/5 - 3/4
Sand	Coarse	1/16 - 1/5
	Medium	1/64 - 1/16
	Fine	1/300 - 1/64
Silt and Clay		Less than 1/300

X
DESIGN OVERSIGHT
X
SIGN OFF DATE

DRAWN BY JORDAN CHO
CHECKED BY TOMMY CHO

JOSEPH ANG
FIELD INVESTIGATION BY:
DATE: JANUARY 2020

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37E0137
POST MILES 11.1 / 11.4

LOS GATOS TRAILHEAD CONNECTOR U-WALL
LOG OF TEST BORINGS

GS LOTB LEGEND SHEET 2 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES | SHEET 2 | OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	70	79

ERIC JOHNSON 6/30/2022
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER ERIC G. JOHNSON 79514 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

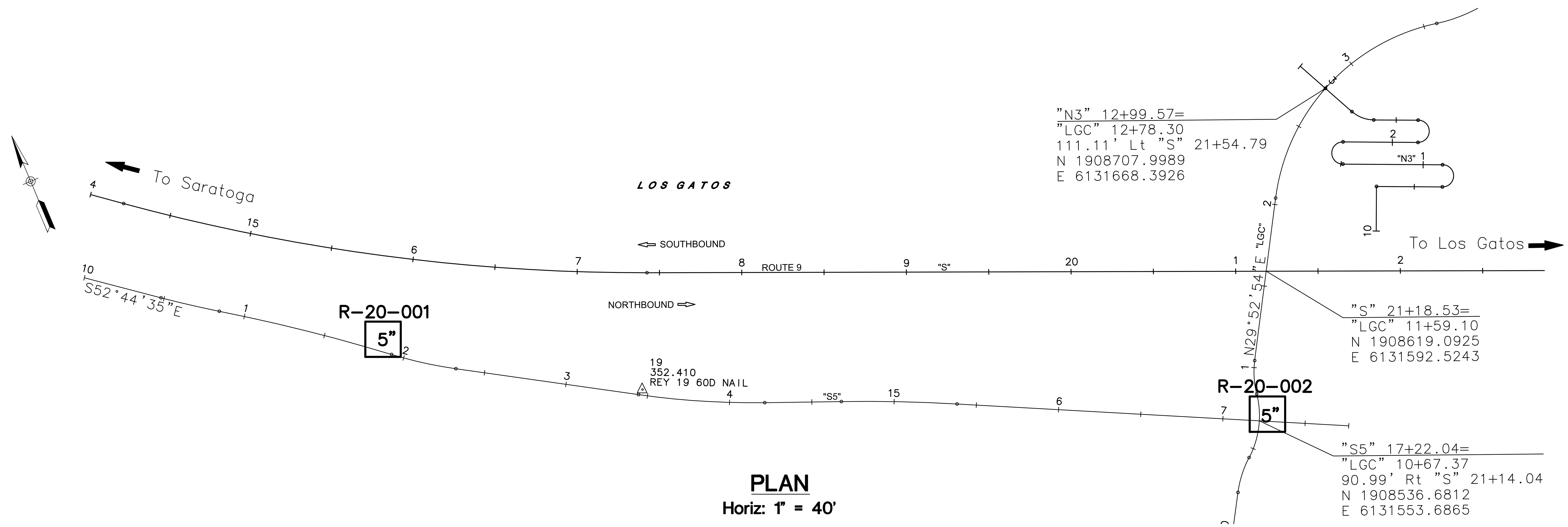
BENCH MARK
REY 19 60D NAIL
Elev 352.41

N 1908697.90
E 6131214.98

Vert: NAD83 (2011)
Horiz: NAVD88

NOTES:

1. THIS LOTB SHEET WAS PREPARED IN ACCORDANCE WITH THE CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PREPARATION MANUAL (2010).
2. BENCH MARKS SHOWN ON THE LOG OF TEST BORING SHEETS ARE FOR DESIGN PURPOSES ONLY. FOR COMPLETE LIST OF SURVEY MONUMENTS FOR THIS PROJECT, SEE SURVEY CONTROL INFORMATION (SHEET PC-01).



PLAN
Horiz: 1" = 40'

BOREHOLE LOCATION TABLE

HOLE ID	NORTHING	EASTING	"S5" LINE STATION	OFFSET (FT)	Rt/Lt
RC-21-001	1908786.5326	6131081.2064	10+88	7.00'	Lt
RC-21-002	1908538.5153	6131559.8750	17+25	0.50'	Lt

X
DESIGN OVERSIGHT
X
SIGN OFF DATE

DRAWN BY JORDAN CHO
CHECKED BY TOMMY CHO

JOSEPH ANG
FIELD INVESTIGATION BY:
DATE: JANUARY 2020

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37E0137
POST MILES 11.1/11.4

LOS GATOS TRAILHEAD CONNECTOR U-WALL
LOG OF TEST BORINGS

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET 1 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET 3 OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	71	79

ERIC JOHNSON 6/30/2022
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8/24/2022
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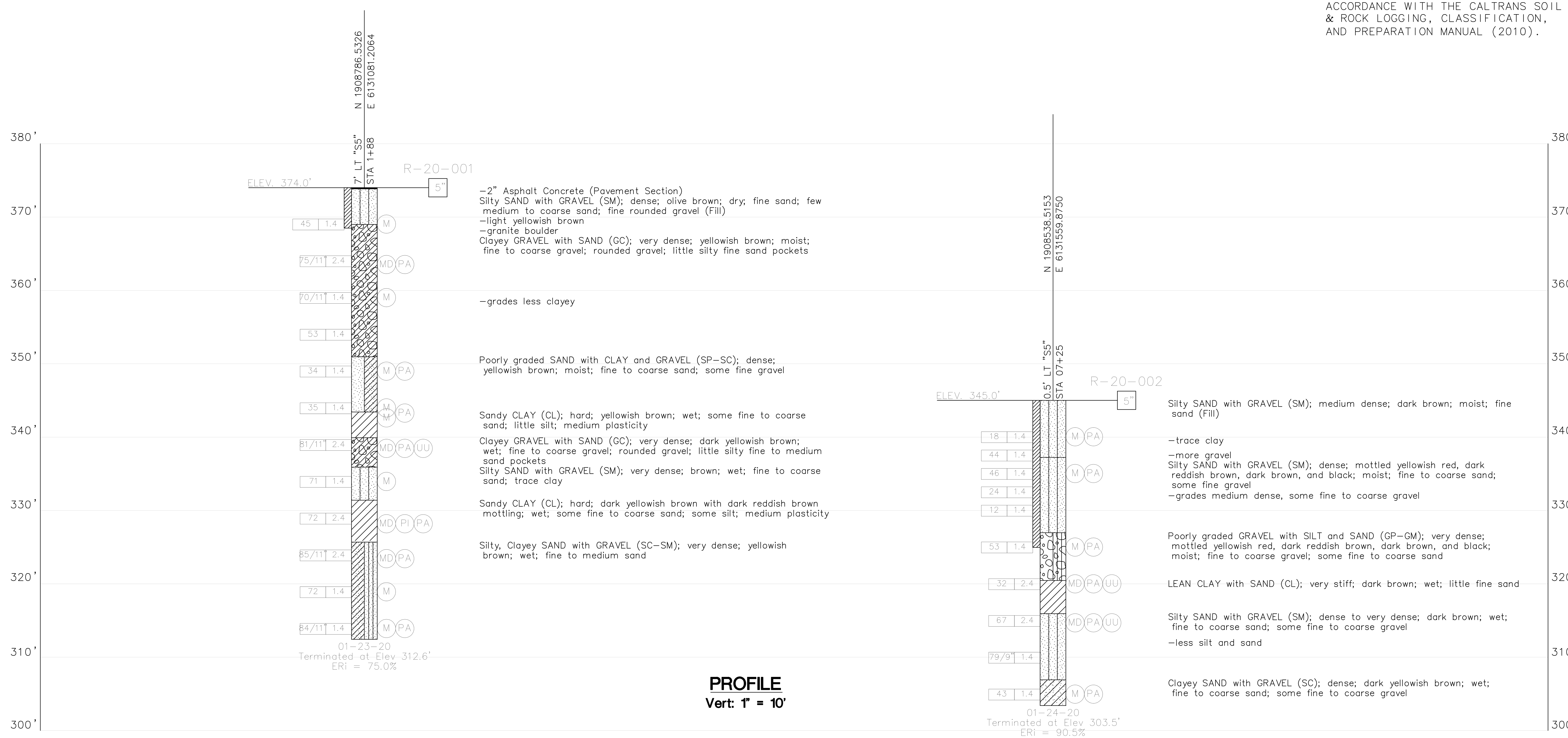
NOTES:

1. THIS LOTB SHEET WAS PREPARED IN ACCORDANCE WITH THE CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PREPARATION MANUAL (2010).



X DESIGN OVERSIGHT	DRAWN BY	JORDAN CHO	JOSEPH ANG FIELD INVESTIGATION BY:	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
X SIGN OFF DATE	CHECKED BY	TOMMY CHO	DATE: JANUARY 2020	

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37E0137
POST MILES 11.1 / 11.4

LOS GATOS TRAILHEAD CONNECTOR U-WALL
LOG OF TEST BORINGS

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET 1 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET 4 OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	72	79

ERIC JOHNSON 6/30/2022
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC G. JOHNSON 79514 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

REFERENCE: CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

CEMENTATION

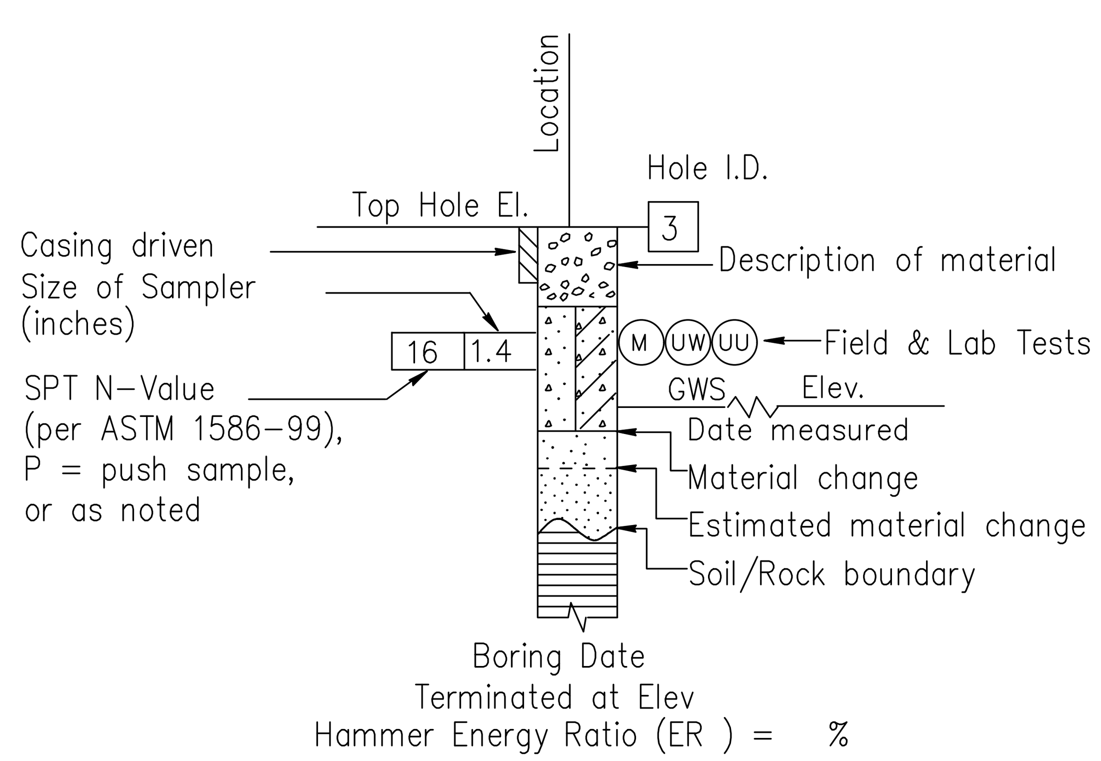
Description	Criteria
Weak	Crumbles or breaks with handling or little finger pressure.
Moderate	Crumbles or breaks with considerable finger pressure.
Strong	Will not crumble or break with finger pressure.

BOREHOLE IDENTIFICATION

Symbol	Hole Type	Description
Size	A	Auger Boring (hollow or solid stem bucket)
Size	R RW RC P	Rotary drilled boring (conventional) Rotary drilled with self-casing wire-line Rotary core with continuously-sampled, self-casing wire-line Rotary percussion boring (air)
Size	R	Rotary drilled diamond core
Size	HD HA	Hand driven (1-inch soil tube) Hand Auger
	D	Dynamic Cone Penetration Boring
	CPT	Cone Penetration Test (ASTM D 5778)
	O	Other (note on LOTB)
Note: Size in inches.		

CONSISTENCY OF COHESIVE SOILS

Description	Shear Strength (tsf)	Pocket Penetrometer Measurement, PP, (tsf)	Torvane Measurement, TV, (tsf)	Vane Shear Measurement, VS, (tsf)
Very Soft	Less than 0.12	Less than 0.25	Less than 0.12	Less than 0.12
Soft	0.12 - 0.25	0.25 - 0.5	0.12 - 0.25	0.12 - 0.25
Medium Stiff	0.25 - 0.5	0.5 - 1	0.25 - 0.5	0.25 - 0.5
Stiff	0.5 - 1	1 - 2	0.5 - 1	0.5 - 1
Very Stiff	1 - 2	2 - 4	1 - 2	1 - 2
Hard	Greater than 2	Greater than 4	Greater than 2	Greater than 2



ROTARY BORING

X DESIGN OVERSIGHT	DRAWN BY	JORDAN CHO	JOSEPH ANG FIELD INVESTIGATION BY:
X SIGN OFF DATE	CHECKED BY	TOMMY CHO	DATE: JANUARY 2020

GS LOG OF TEST BORINGS LEGEND SHEET 1 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37E0138
POST MILES 11.1/11.4

LOS GATOS TRAILHEAD NORTH RAMP

LOG OF TEST BORINGS

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES | SHEET 1 | OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

REFERENCE: CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCl	9	11.2, 11.3	73	79

ERIC JOHNSON 6/30/2022
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC G. JOHNSON 79514 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

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MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

GROUP SYMBOLS AND NAMES

Graphic/Symbol	Group Names
GW	Well-graded GRAVEL Well-graded GRAVEL with SAND
GP	Poorly-graded GRAVEL Poorly-graded GRAVEL with SAND
GW-GM	Well-graded GRAVEL with SILT Well-graded GRAVEL with SILT and SAND
GW-GC	Well-graded GRAVEL with CLAY (or SILTY CLAY) Well-graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)
GP-GM	Poorly-graded GRAVEL with SILT Poorly-graded GRAVEL with SILT and SAND
GP-GC	Poorly-graded GRAVEL with CLAY (or SILTY CLAY) Poorly-graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)
GM	SILTY GRAVEL SILTY GRAVEL with SAND
GC	CLAYEY GRAVEL CLAYEY GRAVEL with SAND
GC-GM	SILTY, CLAYEY GRAVEL SILTY, CLAYEY GRAVEL with SAND
SW	Well-graded SAND Well-graded SAND with GRAVEL
SP	Poorly-graded SAND Poorly-graded SAND with GRAVEL
SW-SM	Well-graded SAND with SILT Well-graded SAND with SILT and GRAVEL
SW-SC	Well-graded SAND with CLAY (or SILTY CLAY) Well-graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL)
SP-SM	Poorly-graded SAND with SILT Poorly-graded SAND with SILT and GRAVEL
SP-SC	Poorly-graded SAND with CLAY (or SILTY CLAY) Poorly-graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL)
SM	SILTY SAND SILTY SAND with GRAVEL
SC	CLAYEY SAND CLAYEY SAND with GRAVEL
SC-SM	SILTY, CLAYEY SAND SILTY, CLAYEY SAND with GRAVEL
PT	PEAT
	COBBLES COBBLES and BOULDERS BOULDERS

Graphic/Symbol	Group Names
CL	Lean CLAY Lean CLAY with SAND Lean CLAY with GRAVEL SANDY lean CLAY SANDY lean CLAY with GRAVEL GRAVELLY lean CLAY GRAVELLY lean CLAY with SAND
CL-ML	SILTY CLAY SILTY CLAY with SAND SILTY CLAY with GRAVEL SANDY SILTY CLAY SANDY SILTY CLAY with GRAVEL GRAVELLY SILTY CLAY GRAVELLY SILTY CLAY with SAND
ML	SILT SILT with SAND SILT with GRAVEL SANDY SILT SANDY SILT with GRAVEL GRAVELLY SILT GRAVELLY SILT with SAND
OL	ORGANIC lean CLAY ORGANIC lean CLAY with SAND ORGANIC lean CLAY with GRAVEL SANDY ORGANIC lean CLAY SANDY ORGANIC lean CLAY with GRAVEL GRAVELLY ORGANIC lean CLAY GRAVELLY ORGANIC lean CLAY with SAND
OL	ORGANIC SILT ORGANIC SILT with SAND ORGANIC SILT with GRAVEL SANDY ORGANIC SILT SANDY ORGANIC SILT with GRAVEL GRAVELLY ORGANIC SILT GRAVELLY ORGANIC SILT with SAND
CH	Fat CLAY Fat CLAY with SAND Fat CLAY with GRAVEL SANDY fat CLAY SANDY fat CLAY with GRAVEL GRAVELLY fat CLAY GRAVELLY fat CLAY with SAND
MH	Elastic SILT Elastic SILT with SAND Elastic SILT with GRAVEL SANDY elastic SILT SANDY elastic SILT with GRAVEL GRAVELLY elastic SILT GRAVELLY elastic SILT with SAND
OH	ORGANIC fat CLAY ORGANIC fat CLAY with SAND ORGANIC fat CLAY with GRAVEL SANDY ORGANIC fat CLAY SANDY ORGANIC fat CLAY with GRAVEL GRAVELLY ORGANIC fat CLAY GRAVELLY ORGANIC fat CLAY with SAND
OH	ORGANIC elastic SILT ORGANIC elastic SILT with SAND ORGANIC elastic SILT with GRAVEL SANDY ORGANIC elastic SILT SANDY ORGANIC elastic SILT with GRAVEL GRAVELLY ORGANIC elastic SILT GRAVELLY ORGANIC elastic SILT with SAND
OL/OH	ORGANIC SOIL ORGANIC SOIL with SAND ORGANIC SOIL with GRAVEL SANDY ORGANIC SOIL SANDY ORGANIC SOIL with GRAVEL GRAVELLY ORGANIC SOIL GRAVELLY ORGANIC SOIL with SAND

FIELD AND LABORATORY TESTING

- C — Consolidation (ASTM D 2435)
- CL — Collapse Potential (ASTM D 5333)
- CP — Compaction Curve (CTM 216)
- CR — Corrosivity Testing (CTM 643, CTM 422, CTM 417)
- CU — Consolidated Undrained Triaxial (ASTM D 4767)
- DS — Direct Shear (ASTM D 3080)
- EI — Expansion Index (ASTM D 4829)
- M — Moisture Content (ASTM D 2216)
- OC — Organic Content-% (ASTM D 2974)
- P — Permeability (CTM 220)
- PA — Particle Size Analysis (ASTM D 422)
- PI — Plasticity Index (AASHTO T 90) Liquid Limit (AASHTO T 89)
- PL — Point Load Index (ASTM D 5731)
- PM — Pressure Meter
- R — R-Value (CTM 301)
- SE — Sand Equivalent (CTM 217)
- SG — Specific Gravity (AASHTO T 100)
- SL — Shrinkage Limit (ASTM D 427)
- SW — Swell Potential (ASTM D 4546)
- UC — Unconfined Compression-Soil (ASTM D 2166); Unconfined Compression-Rock (ASTM D 2938)
- UU — Unconsolidated Undrained Triaxial (ASTM D 2850)
- UW — Unit Weight (ASTM D 4767)

APPARENT DENSITY OF COHESIONLESS SOILS

Description	SPT N_{60} (Blows / 12 in.)
Very Loose	0 - 5
Loose	5 - 10
Medium Dense	10 - 30
Dense	30 - 50
Very Dense	Greater than 50

MOISTURE

Description	Criteria
Dry	No discernable moisture
Moist	Moisture present, but no free water
Wet	Visible free water

PERCENT OR PROPORTION OF SOILS

Description	Criteria
Trace	Particles are present but estimated to be less than 5%
Few	5% - 10%
Little	15% - 25%
Some	30% - 45%
Mostly	50% - 100%

PARTICLE SIZE

Description		Size (in.)
Boulder		Greater than 12
Cobble		3 - 12
Gravel	Coarse	3/4 - 3
	Fine	1/5 - 3/4
Sand	Coarse	1/16 - 1/5
	Medium	1/64 - 1/16
	Fine	1/300 - 1/64
Silt and Clay		Less than 1/300

X
DESIGN OVERSIGHT
X
SIGN OFF DATE

DRAWN BY JORDAN CHO
CHECKED BY TOMMY CHO

JOSEPH ANG
FIELD INVESTIGATION BY:
DATE: JANUARY 2020

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37E0138
POST MILES 11.1/11.4

LOS GATOS TRAILHEAD NORTH RAMP
LOG OF TEST BORINGS

GS LOTB LEGEND SHEET 2 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET 2 OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	74	79

ERIC JOHNSON 6/30/2022
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER ERIC G. JOHNSON 79514 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

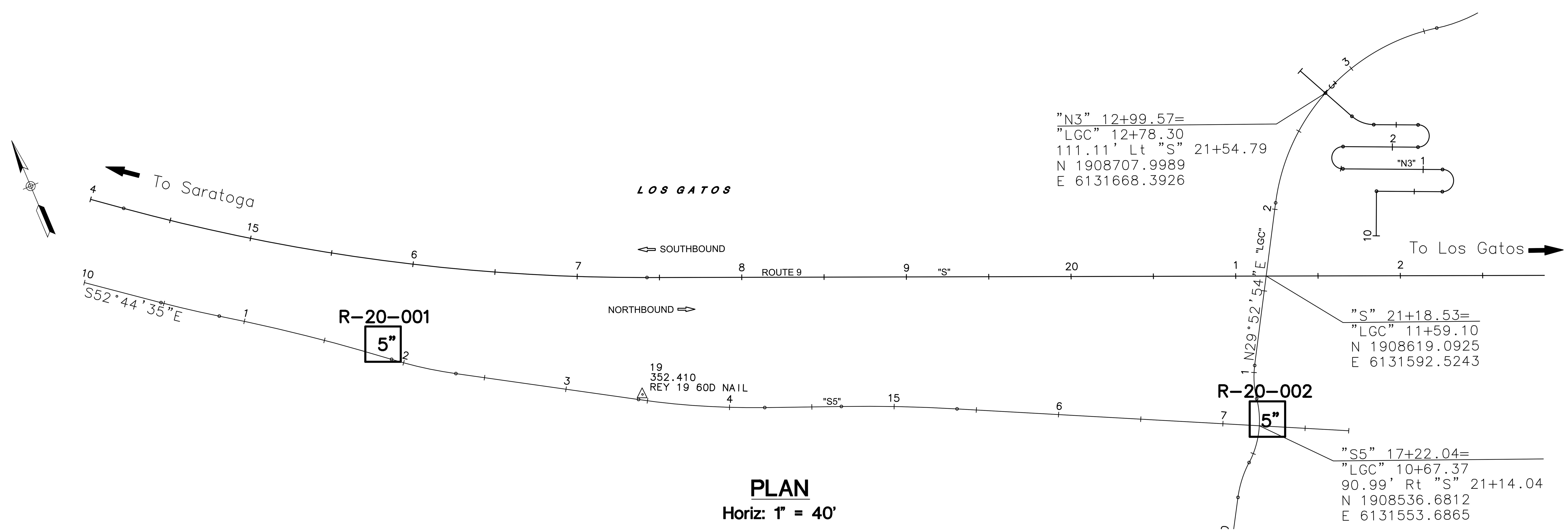
NOTES:

1. THIS LOTB SHEET WAS PREPARED IN ACCORDANCE WITH THE CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PREPARATION MANUAL (2010).
2. BENCH MARKS SHOWN ON THE LOG OF TEST BORING SHEETS ARE FOR DESIGN PURPOSES ONLY. FOR COMPLETE LIST OF SURVEY MONUMENTS FOR THIS PROJECT, SEE SURVEY CONTROL INFORMATION (SHEET PC-01).

BENCH MARK
REY 19 60D NAIL
Elev 352.41

N 1908697.90
E 6131214.98

Vert: NAD83 (2011)
Horiz: NAVD88



PLAN
Horiz: 1" = 40'

BOREHOLE LOCATION TABLE					
HOLE ID	NORTHING	EASTING	"S5" LINE		
			STATION	OFFSET (FT)	Rt/Lt
RC-21-001	1908786.5326	6131081.2064	10+88	7.00'	Lt
RC-21-002	1908538.5153	6131559.8750	17+25	0.50'	Lt

X
DESIGN OVERSIGHT
X
SIGN OFF DATE

DRAWN BY JORDAN CHO
CHECKED BY TOMMY CHO

JOSEPH ANG
FIELD INVESTIGATION BY:
DATE: JANUARY 2020

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37E0138
POST MILES 11.1 / 11.4

LOS GATOS TRAILHEAD NORTH RAMP
LOG OF TEST BORINGS

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET 1 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET 3 OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME 19, 2022, 11:03am

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	75	79

ERIC JOHNSON
REGISTERED CIVIL ENGINEER — DATE 6/30/2022

REGISTERED PROFESSIONAL ENGINEER — ERIC G. JOHNSON — 79514 — Exp. 6-30-22 — CIVIL — STATE OF CALIFORNIA

PLANS APPROVAL DATE 8/24/2022

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TOWN OF LOS GATOS
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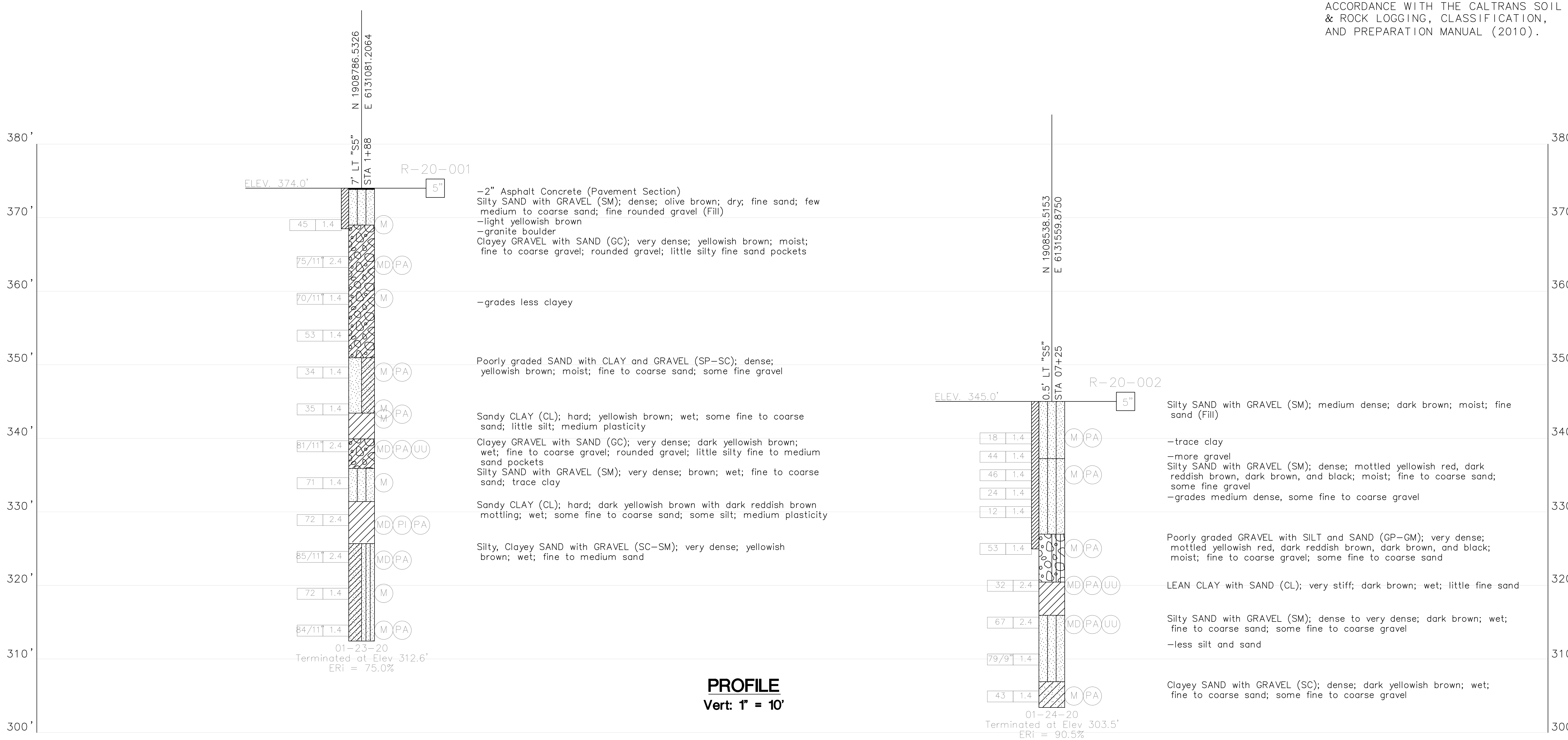

PROFILE
Vert: 1" = 10'

X DESIGN OVERSIGHT	DRAWN BY	JORDAN CHO	JOSEPH ANG FIELD INVESTIGATION BY:
X SIGN OFF DATE	CHECKED BY	TOMMY CHO	DATE: JANUARY 2020

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET 1 (ENGLISH) (REV. 03/14/12)

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37E0138
POST MILES 11.1 / 11.4

LOS GATOS TRAILHEAD NORTH RAMP
LOG OF TEST BORINGS

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES
SHEET 4 OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

REFERENCE: CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	76	79

ERIC JOHNSON 6/30/2022
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER ERIC G. JOHNSON 79514 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

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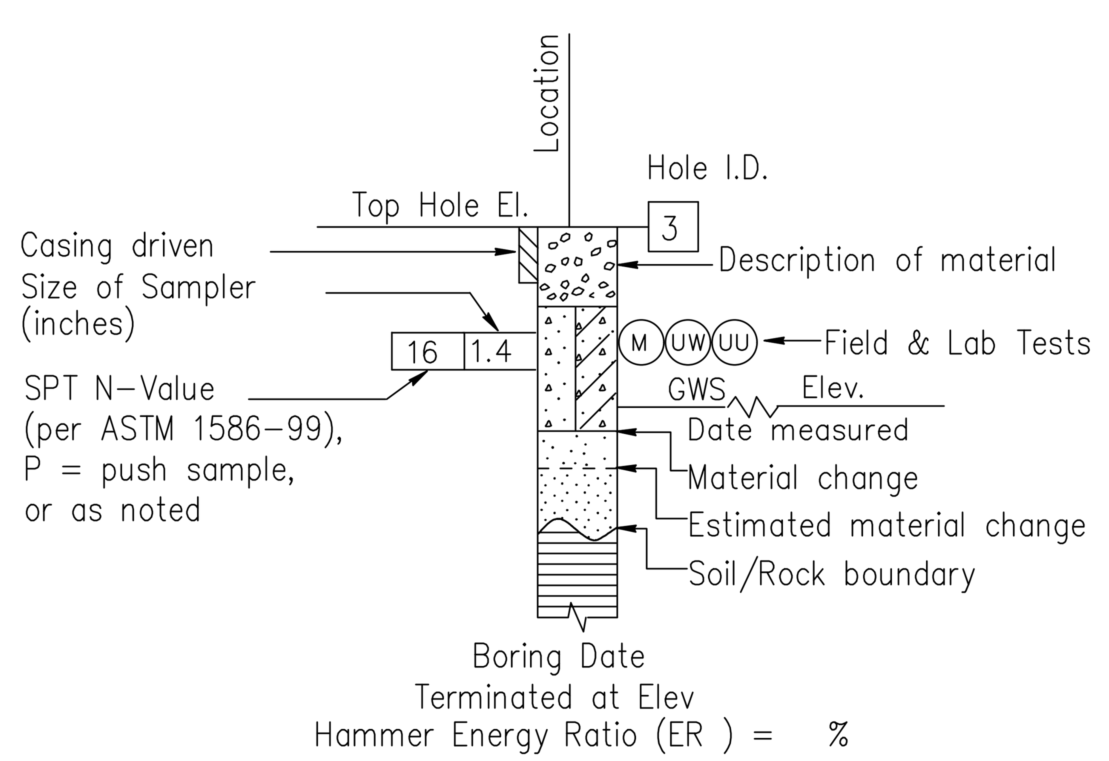

ROTARY BORING

TIME PLOTTED => $TIME
DATE PLOTTED => $DATE
USERNAME => $USER

X
DESIGN OVERSIGHT
X
SIGN OFF DATE
GS LOG OF TEST BORINGS LEGEND SHEET 1 (ENGLISH) (REV. 03/14/12)

DRAWN BY JORDAN CHO
CHECKED BY TOMMY CHO

JOSEPH ANG
FIELD INVESTIGATION BY:
DATE: JANUARY 2020

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE

LOG OF TEST BORINGS

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES
SHEET 1 OF 4

FILE => $REQUEST

REFERENCE: CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	77	79

ERIC JOHNSON
REGISTERED CIVIL ENGINEER
6/30/2022
DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ERIC G. JOHNSON
79514
Exp. 6-30-22
CIVIL
STATE OF CALIFORNIA

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TOWN OF LOS GATOS
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GROUP SYMBOLS AND NAMES

Graphic/Symbol	Group Names
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SC-SM	SILTY, CLAYEY SAND SILTY, CLAYEY SAND with GRAVEL
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	COBBLES COBBLES and BOULDERS BOULDERS

Graphic/Symbol	Group Names
CL	Lean CLAY Lean CLAY with SAND Lean CLAY with GRAVEL SANDY lean CLAY SANDY lean CLAY with GRAVEL GRAVELLY lean CLAY GRAVELLY lean CLAY with SAND
CL-ML	SILTY CLAY SILTY CLAY with SAND SILTY CLAY with GRAVEL SANDY SILTY CLAY SANDY SILTY CLAY with GRAVEL GRAVELLY SILTY CLAY GRAVELLY SILTY CLAY with SAND
ML	SILT SILT with SAND SILT with GRAVEL SANDY SILT SANDY SILT with GRAVEL GRAVELLY SILT GRAVELLY SILT with SAND
OL	ORGANIC lean CLAY ORGANIC lean CLAY with SAND ORGANIC lean CLAY with GRAVEL SANDY ORGANIC lean CLAY SANDY ORGANIC lean CLAY with GRAVEL GRAVELLY ORGANIC lean CLAY GRAVELLY ORGANIC lean CLAY with SAND
OL	ORGANIC SILT ORGANIC SILT with SAND ORGANIC SILT with GRAVEL SANDY ORGANIC SILT SANDY ORGANIC SILT with GRAVEL GRAVELLY ORGANIC SILT GRAVELLY ORGANIC SILT with SAND
CH	Fat CLAY Fat CLAY with SAND Fat CLAY with GRAVEL SANDY fat CLAY SANDY fat CLAY with GRAVEL GRAVELLY fat CLAY GRAVELLY fat CLAY with SAND
MH	Elastic SILT Elastic SILT with SAND Elastic SILT with GRAVEL SANDY elastic SILT SANDY elastic SILT with GRAVEL GRAVELLY elastic SILT GRAVELLY elastic SILT with SAND
OH	ORGANIC fat CLAY ORGANIC fat CLAY with SAND ORGANIC fat CLAY with GRAVEL SANDY ORGANIC fat CLAY SANDY ORGANIC fat CLAY with GRAVEL GRAVELLY ORGANIC fat CLAY GRAVELLY ORGANIC fat CLAY with SAND
OH	ORGANIC elastic SILT ORGANIC elastic SILT with SAND ORGANIC elastic SILT with GRAVEL SANDY ORGANIC elastic SILT SANDY ORGANIC elastic SILT with GRAVEL GRAVELLY ORGANIC elastic SILT GRAVELLY ORGANIC elastic SILT with SAND
OL/OH	ORGANIC SOIL ORGANIC SOIL with SAND ORGANIC SOIL with GRAVEL SANDY ORGANIC SOIL SANDY ORGANIC SOIL with GRAVEL GRAVELLY ORGANIC SOIL GRAVELLY ORGANIC SOIL with SAND

FIELD AND LABORATORY TESTING

- (C) Consolidation (ASTM D 2435)
- (CL) Collapse Potential (ASTM D 5333)
- (CP) Compaction Curve (CTM 216)
- (CR) Corrosivity Testing (CTM 643, CTM 422, CTM 417)
- (CU) Consolidated Undrained Triaxial (ASTM D 4767)
- (DS) Direct Shear (ASTM D 3080)
- (EI) Expansion Index (ASTM D 4829)
- (M) Moisture Content (ASTM D 2216)
- (OC) Organic Content-% (ASTM D 2974)
- (P) Permeability (CTM 220)
- (PA) Particle Size Analysis (ASTM D 422)
- (PI) Plasticity Index (AASHTO T 90) Liquid Limit (AASHTO T 89)
- (PL) Point Load Index (ASTM D 5731)
- (PM) Pressure Meter
- (R) R-Value (CTM 301)
- (SE) Sand Equivalent (CTM 217)
- (SG) Specific Gravity (AASHTO T 100)
- (SL) Shrinkage Limit (ASTM D 427)
- (SW) Swell Potential (ASTM D 4546)
- (UC) Unconfined Compression-Soil (ASTM D 2166) Unconfined Compression-Rock (ASTM D 2938)
- (UU) Unconsolidated Undrained Triaxial (ASTM D 2850)
- (UW) Unit Weight (ASTM D 4767)

APPARENT DENSITY OF COHESIONLESS SOILS

Description	SPT N_{60} (Blows / 12 in.)
Very Loose	0 - 5
Loose	5 - 10
Medium Dense	10 - 30
Dense	30 - 50
Very Dense	Greater than 50

MOISTURE

Description	Criteria
Dry	No discernable moisture
Moist	Moisture present, but no free water
Wet	Visible free water

PERCENT OR PROPORTION OF SOILS

Description	Criteria
Trace	Particles are present but estimated to be less than 5%
Few	5% - 10%
Little	15% - 25%
Some	30% - 45%
Mostly	50% - 100%

PARTICLE SIZE

Description		Size (in.)
Boulder		Greater than 12
Cobble		3 - 12
Gravel	Coarse	3/4 - 3
	Fine	1/5 - 3/4
Sand	Coarse	1/16 - 1/5
	Medium	1/64 - 1/16
	Fine	1/300 - 1/64
Silt and Clay		Less than 1/300

X
DESIGN OVERSIGHT
X
SIGN OFF DATE

DRAWN BY: JORDAN CHO
CHECKED BY: TOMMY CHO

JOSEPH ANG
FIELD INVESTIGATION BY:
DATE: JANUARY 2020

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE
LOG OF TEST BORINGS

GS LOTB LEGEND SHEET 2 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET 2 OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	78	79

ERIC JOHNSON 6/30/2022
REGISTERED CIVIL ENGINEER DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC G. JOHNSON 79514 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

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

MOTT MACDONALD
2077 Gateway Place
Suite 550
San Jose, CA 95110

TOWN OF LOS GATOS
41 Miles Avenue
Los Gatos, CA 95030

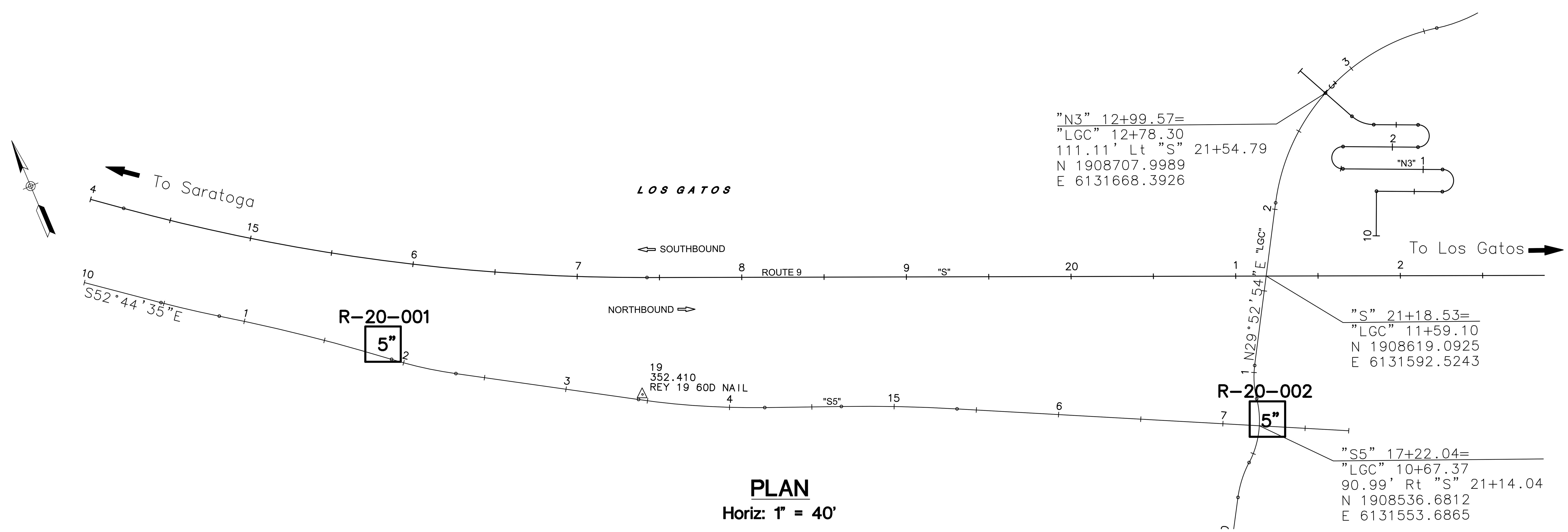
BENCH MARK
REY 19 60D NAIL
Elev 352.41

N 1908697.90
E 6131214.98

Vert: NAD83 (2011)
Horiz: NAVD88

NOTES:

1. THIS LOTB SHEET WAS PREPARED IN ACCORDANCE WITH THE CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PREPARATION MANUAL (2010).
2. BENCH MARKS SHOWN ON THE LOG OF TEST BORING SHEETS ARE FOR DESIGN PURPOSES ONLY. FOR COMPLETE LIST OF SURVEY MONUMENTS FOR THIS PROJECT, SEE SURVEY CONTROL INFORMATION (SHEET PC-01).



PLAN
Horiz: 1" = 40'

BOREHOLE LOCATION TABLE

HOLE ID	NORTHING	EASTING	"S5" LINE STATION	"S5" LINE OFFSET (FT)	"S5" LINE Rt/Lt
RC-21-001	1908786.5326	6131081.2064	10+88	7.00'	Lt
RC-21-002	1908538.5153	6131559.8750	17+25	0.50'	Lt

X DESIGN OVERSIGHT	DRAWN BY	JORDAN CHO	JOSEPH ANG FIELD INVESTIGATION BY:
X SIGN OFF DATE	CHECKED BY	TOMMY CHO	DATE: JANUARY 2020

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET 1 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEFERI ABERE
PROJECT ENGINEER

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE
LOG OF TEST BORINGS

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES
SHEET 3 OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	9	11.2, 11.3	79	79

ERIC JOHNSON — 6/30/2022
REGISTERED CIVIL ENGINEER — DATE

8/24/2022
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC G. JOHNSON 79514 Exp. 6-30-22 CIVIL STATE OF CALIFORNIA

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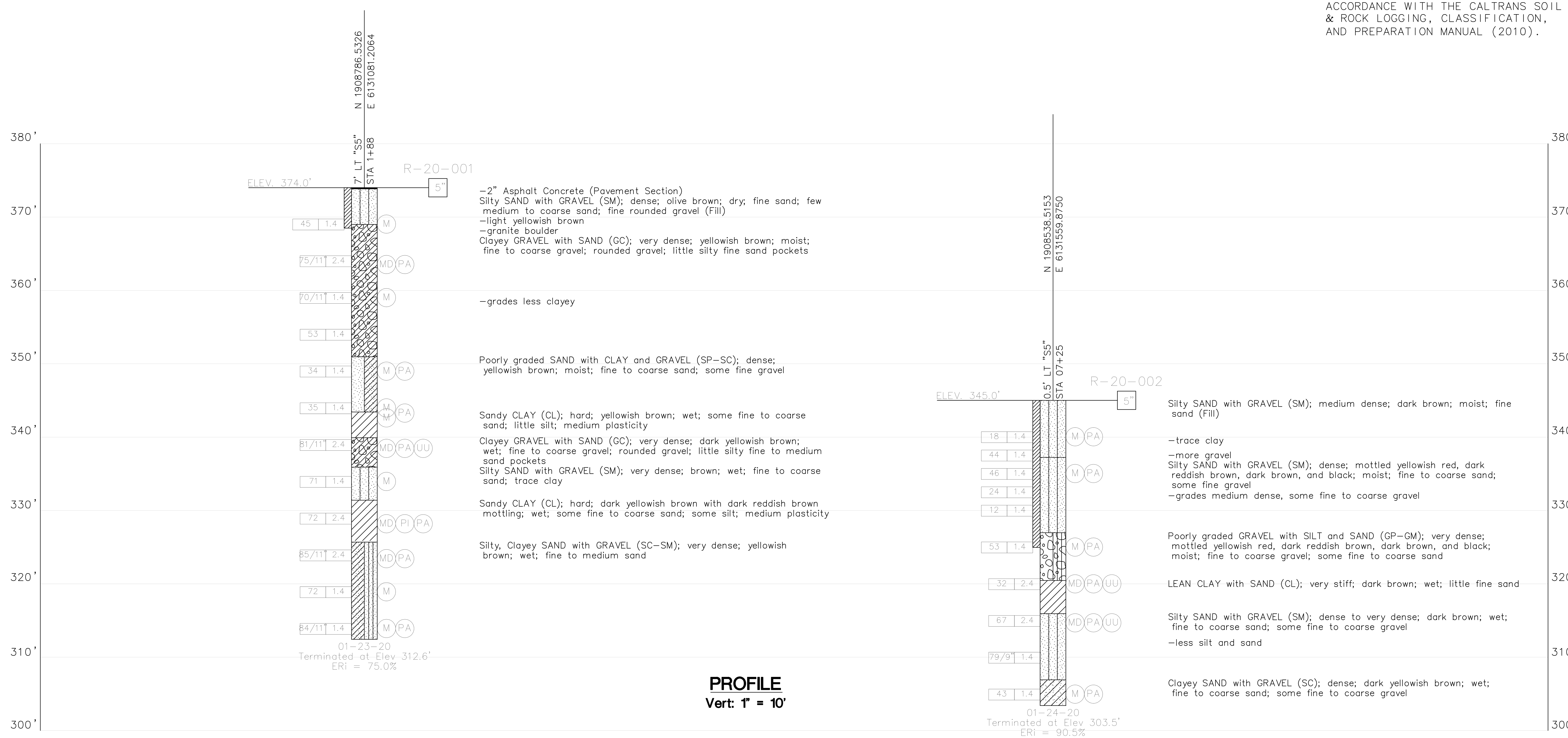
1. THIS LOTB SHEET WAS PREPARED IN ACCORDANCE WITH THE CALTRANS SOIL & ROCK LOGGING, CLASSIFICATION, AND PREPARATION MANUAL (2010).



PROFILE
Vert: 1" = 10'

X DESIGN OVERSIGHT	DRAWN BY	JORDAN CHO	JOSEPH ANG FIELD INVESTIGATION BY:	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	TEFERI ABERE PROJECT ENGINEER
X SIGN OFF DATE	CHECKED BY	TOMMY CHO	DATE: JANUARY 2020		

BRIDGE NO. 37-0138Z
POST MILES 11.3

LOS GATOS BICYCLE/PEDESTRIAN CONNECTOR BRIDGE
LOG OF TEST BORINGS

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET 1 (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES | SHEET 4 | OF 4

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME