

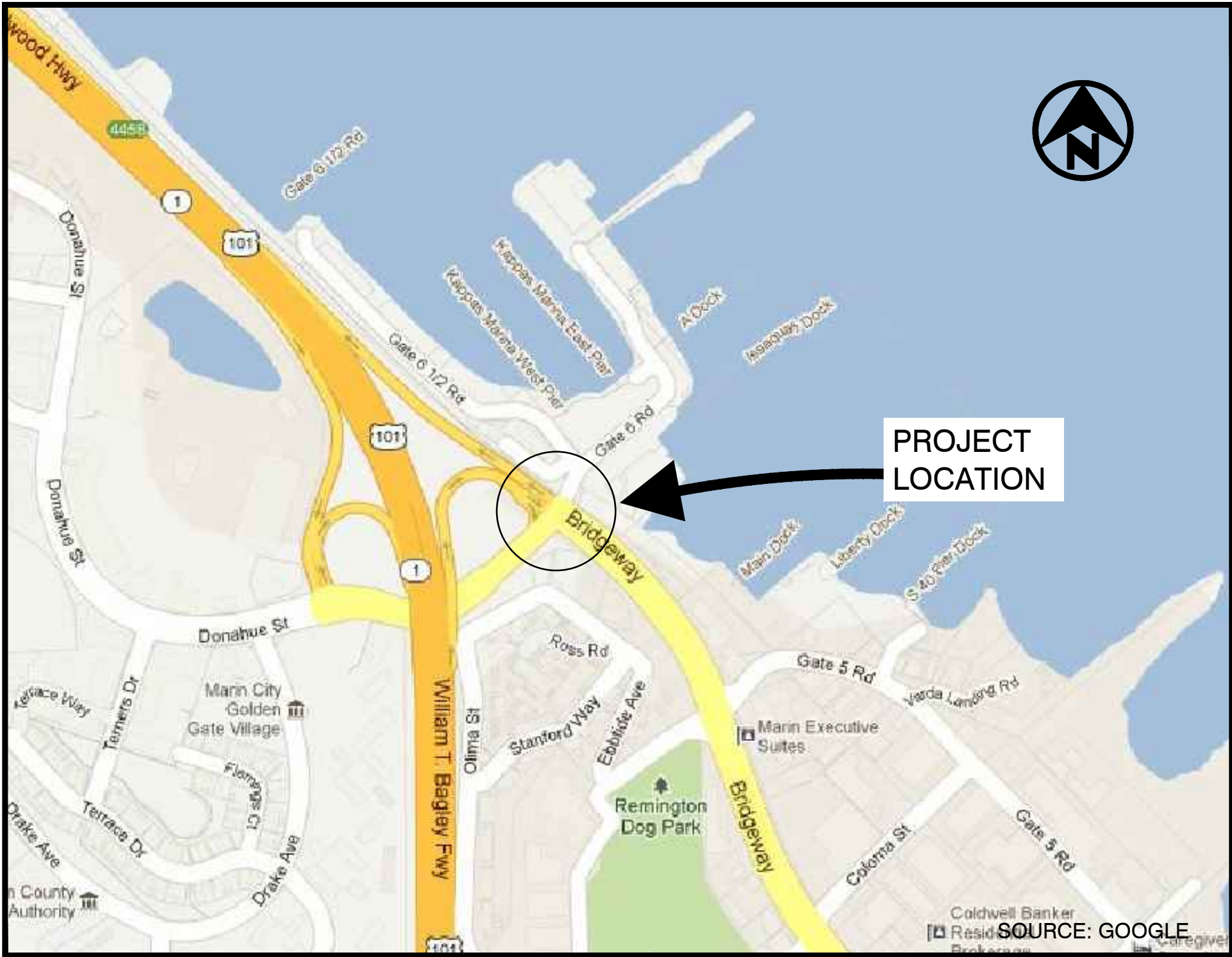
CITY OF SAUSALITO, CALIFORNIA

GATE 6 ROAD / BRIDGE ROAD /
BRIDGEWAY AND NB US 101 ON-RAMP
INTERSECTION IMPROVEMENTS

PROJECT NO: CML5098(012)

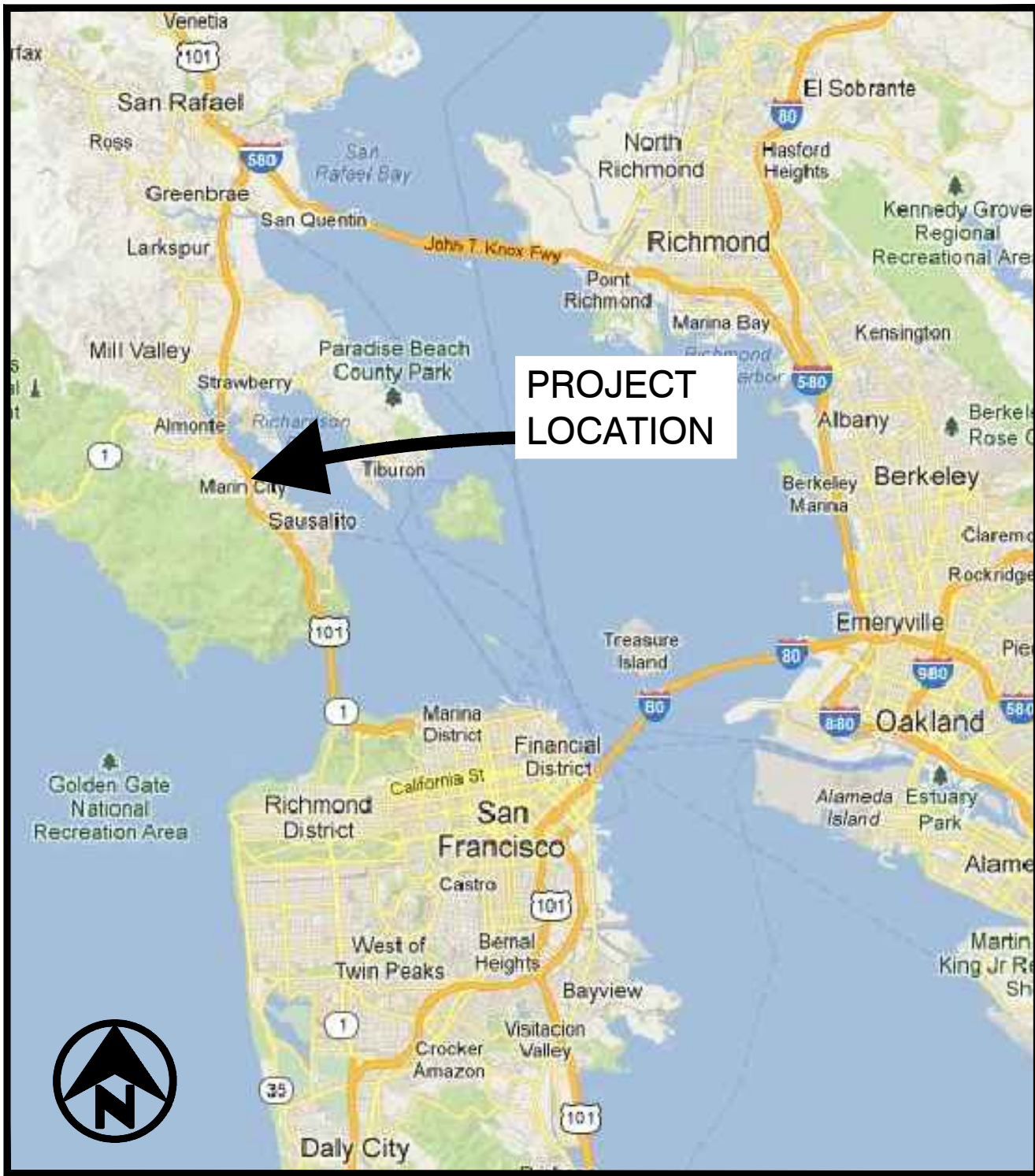
INDEX OF DRAWINGS

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25	E-5	MODIFY EXISTING ELECTRICAL SYSTEM



LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE

PROJECT CONSULTANTS			
<u>CLIENT</u>	CITY OF SAUSALITO CITY ENGINEER 420 LITHO STREET SAUSALITO, CA 94965 (415) 289-4176 tel	<u>BICYCLE/ PEDESTRIAN SPECIALIST</u>	BICYCLE SOLUTIONS 511 ANDERSON STREET SAN FRANCISCO, CA 94110 (415) 912-6999 tel
<u>PRIME CONSULTANT</u>	URBAN DESIGN CONSULTING ENGINEERS 4400 MARKET STREET, STE. 800 OAKLAND, CA 94608 510 868 1085 tel 510 225 1782 fax	<u>SIGNAL DESIGNER</u>	Y&C TRANSPORTATION CONSULTANTS, INC. 3250 RAMOS CIRCLE SACRAMENTO, CA 95827 (916) 366-8000 tel
<u>TRANSPORTATION ENGINEER</u>	KITTLESON & ASSOCIATES, INC. 155 GRAND AVENUE, STE. 900 OAKLAND, CA 941612 (510) 839-1742 tel	<u>LAND SURVEYOR</u>	CINQUINI & PASSARINO LAND SURVEYING, INC. 1360 NORTH DUTTON, STE. 150 SANTA ROSA, CA 95401 (707) 542-6268 tel (707) 542-2106 fax

APPROVED
JONATHON GOLDMAN
CITY ENGINEER

DATE



REVISIONS	
△	



420 Litho St.,
Sausalito CA 94965
415-289-4113 tel.



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02/27/17

GATE 6 INTERSECTION
IMPROVEMENTS
TITLE SHEET
LOCATION AND VICINITY MAP

DATE: 02/27/2017

SCALE: AS SHOWN

DRAWN BY: MLK

PROJECT NO: CML5098(012)

SHEET

G-1.0

1 OF 25 SHEETS

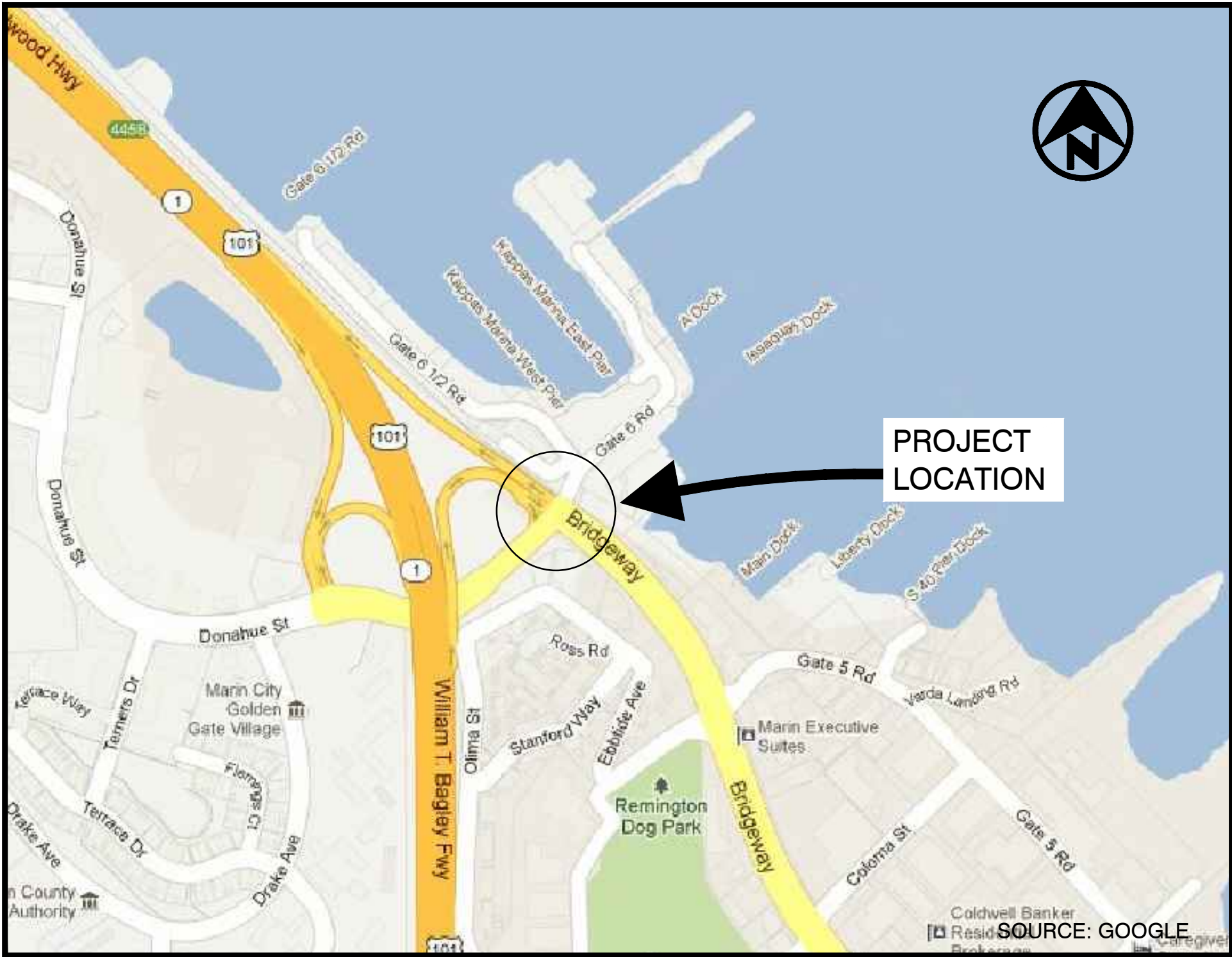
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GATE 6 ROAD / BRIDGE ROAD /
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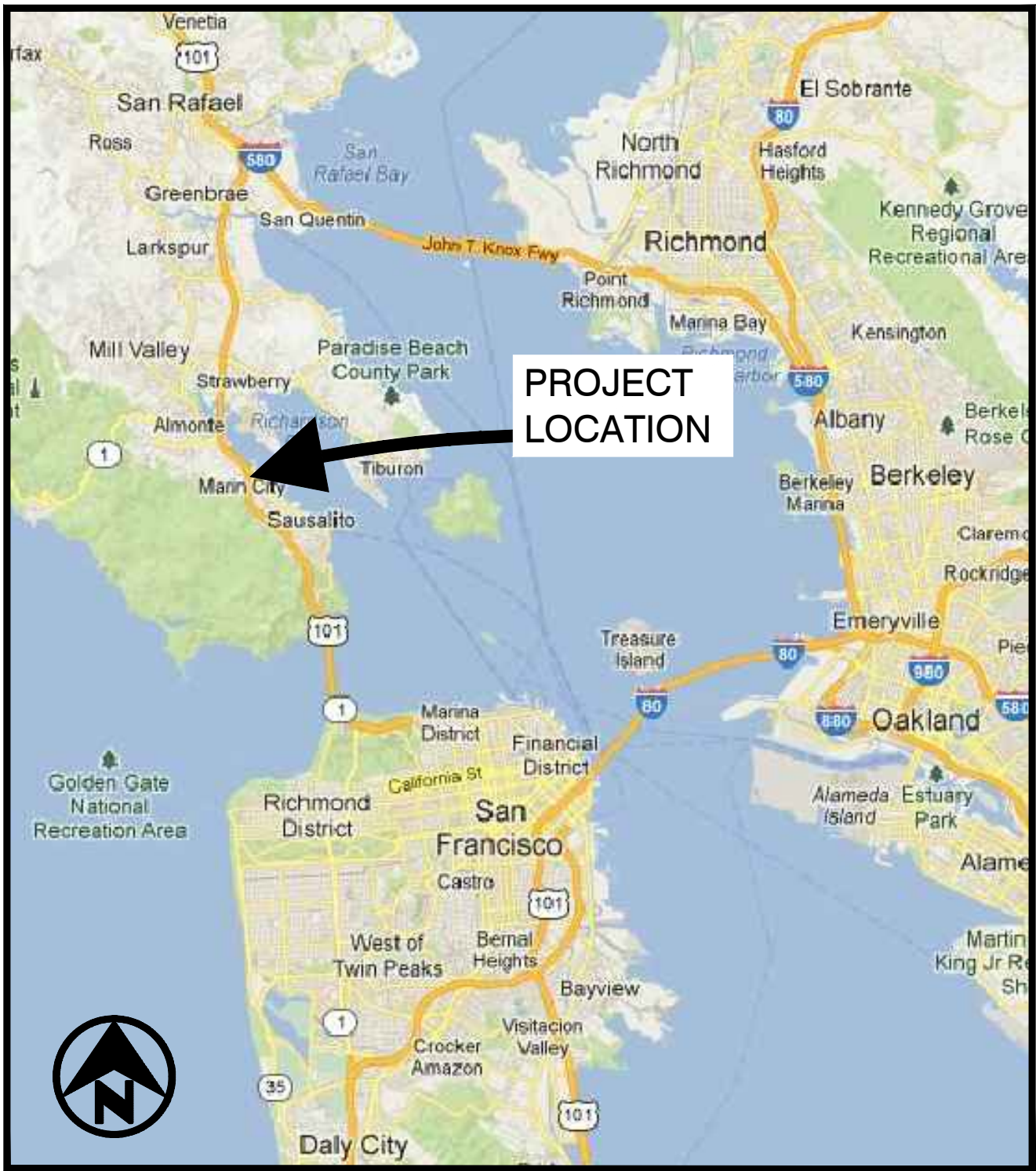
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LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE

PROJECT CONSULTANTS			
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APPROVED
JONATHON GOLDMAN
CITY ENGINEER

DATE



REVISIONS	
1	SIDEWALK GRADING REVISED



420 Litho St.,
Sausalito CA 94965
415-289-4113 tel.

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415 658 5850 tel.
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10/12/18

GATE 6 INTERSECTION
IMPROVEMENTS
TITLE SHEET
LOCATION AND VICINITY MAP

DATE: 10/12/2018

SCALE: AS SHOWN

DRAWN BY: MLK

PROJECT NO: CML5098(012)

SHEET

G-1.0

1 OF 25 SHEETS

U:\Projects\190319 Gate 6 Intersection\Drawings\01 Sheets\02 G-1 1 GENERAL NOTES.dwg
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GENERAL NOTES

1.

NO WORK SHALL START UNTIL ALL NECESSARY PERMITS ARE OBTAINED FROM THE CITY OF SAUSALITO.
2.

PROPOSED IMPROVEMENTS IN CITY & COUNTY RIGHT OF WAY SHALL BE DONE IN ACCORDANCE WITH THE UNIFORM CONSTRUCTION STANDARDS, ALL CITIES AND COUNTY OF MARIN, AND SHALL MEET THE APPROVALS OF THE CITY ENGINEER OF THE CITY OF SAUSALITO. FOR DETAILS NOT SHOWN ON THESE PLANS, REFER TO THE UNIFORM CONSTRUCTION STANDARDS, CURRENT EDITION. WORK IN CALTRANS RIGHT OF WAY SHALL CONFORM TO CALTRANS STANDARDS, REVISIONS THERETO, AND THE PROJECT SPECIAL PROVISIONS.
3.

ALL GENERAL CONTRACTORS AND SUBCONTRACTORS MUST HAVE A CITY OF SAUSALITO BUSINESS LICENSE.
4.

CONTRACTOR IS REQUIRED TO OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF SAUSALITO. CITY HAS OBTAINED ENCROACHMENT PERMITS FROM COUNTY (NO. 16-603A) AND CALTRANS (NO. 0414-NSN1454 & 0416-NRT2594). CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF EACH ENCROACHMENT PERMIT.
5.

CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A PERMIT COPY OF CONSTRUCTION PLANS AND PERMITS AT THE PROJECT SITE DURING CONSTRUCTION.
6.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ROADS OR ADJACENT PUBLIC OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION RELATED WORK, AND SHALL BE RESPONSIBLE FOR ANY OTHER WORK REQUIRED TO PREVENT SUCH DAMAGE.
7.

CONTRACTOR SHALL PROVIDE AND MAINTAIN VEHICULAR, BICYCLE, AND PEDESTRIAN TRAFFIC ON ALL EXISTING STREETS DURING CONSTRUCTION. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLAN TO BE APPROVED BY THE CITY AND CALTRANS.
8.

CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (U.S.A) AT (800) 227-2600 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION. CONTACTING U.S.A. DOES NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO DETERMINE LOCATION AND DEPTH OF BURIED UTILITIES.
9.

ANY POTHOLING SHALL BE DONE BY THE VACUUM TYPE METHOD, NOT WITH HEAVY EXCAVATION EQUIPMENT.
10.

ALL EXCAVATIONS 5 FEET IN DEPTH OR GREATER SHALL BE SHORED AND BRACED ACCORDING TO OSHA REGULATIONS.
11.

THE REMOVAL AND DISPOSAL OF DEMOLITION ITEMS (POWER POLES, FENCES, RETAINING WALLS, TREES, STRUCTURES, PIPELINES, ETC.) SHALL BE AT THE CONTRACTOR'S EXPENSE.
12.

CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL DEMOLITION AND CONSTRUCTION STAGING AMONG ALL ADJACENT PROJECTS, INCLUDING BUT NOT LIMITED TO TRAFFIC HANDLING, CURB RETURNS, UTILITIES, TRAFFIC SIGNALS AND DRAINAGE.
13.

ALL DEBRIS AND UNSUITABLE MATERIAL WITHIN THE AREA OF WORK, WHICH IS NOT INCORPORATED IN THE WORK, SHALL BE REMOVED TO A LEGAL DUMPSITE AT THE EXPENSE OF THE CONTRACTOR.
14.

STREET SIGNAGE SHALL BE MAINTAINED UNTIL RELOCATION OR ALTERNATE SIGNAGE IS INSTALLED AND APPROVED OR REMOVAL IS AUTHORIZED BY THE CITY IN ACCORDANCE WITH APPLICABLE LAW.
15.

THE CONTRACTOR SHALL EXERCISE CARE WHEN WORKING NEAR EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGE, BREAKAGE OR LEAKS CAUSED BY HIS WORK.
16.

PIPE INSTALLED WITH THIS PROJECT SHALL BE AS SPECIFIED ON THESE PLANS.
17.

EXISTING CONTOURS SHOWN ARE INTERPRETED FROM THE FIELD SURVEY'S EXISTING SPOT ELEVATIONS.
18.

THE CONTRACTOR SHALL CONFIRM BY POTHOLING PROPOSED STORM DRAIN PIPE ALIGNMENTS ARE FREE OF OBSTRUCTIONS. NOTIFY ENGINEER IF OBSTRUCTIONS ARE ENCOUNTERED.
19.

THE CONTRACTOR SHALL NOT TURN OFF ANY VALVES OR MAKE ANY CONNECTIONS TO THE EXISTING DOMESTIC WATER DISTRIBUTION SYSTEM WITHOUT WRITTEN CONSENT OF THE MARIN MUNICIPAL WATER DISTRICT. CONNECTIONS REQUIRING SHUTDOWN OF THE EXISTING SYSTEMS SHALL BE DONE BETWEEN THE HOURS OF MIDNIGHT AND 6 A.M. OR AS DIRECTED BY THE CITY ENGINEER.
20.

SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR FURTHER EXPLANATION AS MAY BE NECESSARY PRIOR TO CONSTRUCTION.
21.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN CONSENT OF THE ENGINEER AND CITY ENGINEER.
22.

WHERE A CONFLICT OCCURS BETWEEN THE PROJECT SPECIFICATIONS, THE UNIFORM CONSTRUCTION STANDARDS, CALTRANS STANDARD SPECIFICATION AND STANDARD PLANS, AND RECOMMENDATIONS BY THE CONTRACTOR, THE MOST STRINGENT SHALL APPLY.
23.

ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.
24.

CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, MARKINGS, BARRICADES, FLAGMAN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY AS REQUIRED, OR AS DIRECTED BY CITY ENGINEER. THE CONTRACTOR SHALL PROVIDE THE CITY ENGINEER WITH A TRAFFIC CONTROL PLAN FOR THE PORTIONS OF WORK WHICH WILL REQUIRE LANE CLOSURES OR DETOURS. THIS PLAN SHALL BE SUBMITTED FOUR WEEKS IN ADVANCE OF THESE CONSTRUCTION ACTIVITIES FOR CITY & CALTRANS REVIEW AND APPROVAL.
25.

CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE, COUNTY, CITY AND OSHA CONSTRUCTION SAFETY ORDERS.
26.

ALL CONSTRUCTION EQUIPMENT POWERED BY INTERNAL COMBUSTION ENGINES SHALL BE MUFFLED AND MAINTAINED. STATIONARY NOISE-GENERATING CONSTRUCTION EQUIPMENT, SUCH AS AIR COMPRESSORS, SHALL BE LOCATED AS FAR AWAY AS POSSIBLE FROM EXISTING RESIDENCES.
27.

ALL STORM DRAIN INLETS MUST BE LABELED "NO DUMPING - DRAINS TO BAY" USING APPROVED METHODS.
28.

ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BY START OF CONSTRUCTION AND MUST BE MAINTAINED AND OPERATIONAL UNTIL THE COMPLETION OF CONSTRUCTION ACTIVITIES.
29.

ALL GRADING ACTIVITIES SHALL COMPLY WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION CONTROL PLAN. THE CONTRACTOR SHALL MEET AND FOLLOW ALL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION. CONTRACTOR SHALL PREPARE AND OBTAIN APPROVAL OF A SWPPP FOR THE PROJECT.
30.

ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AND THE UTILITY OWNER AT THE CONTRACTOR'S SOLE EXPENSE.
31.

ALL WORK AND NOISE CREATED BY THIS PROJECT, INCLUDING BUT NOT LIMITED TO, WARMING OF EQUIPMENT MOTORS IN RESIDENTIAL ZONES, OR WITHIN FIVE HUNDRED (500) FEET OF ANY RESIDENTIAL OCCUPANCY, SHALL BE LIMITED TO THE HOURS OF 8:00 AM TO 6:00 PM WEEKDAYS, AND SATURDAYS 9:00 AM TO 5:00 PM UNLESS OTHER HOURS ARE APPROVED BY THE CITY ENGINEER, AND UPON RECEIPT OF EVIDENCE THAT AN EMERGENCY EXISTS WHICH WOULD CONSTITUTE A HAZARD TO PERSONS OR PROPERTY. SEE ALSO NOTE 38.
32.

STOCKPILING OF MATERIALS SHALL BE SUBJECT TO CITY APPROVAL AND SHALL BE REMOVED OR RELOCATED WHEN REQUIRED FOR PUBLIC HEALTH AND SAFETY.
33.

THE LOCATION AND SIZES OF THE UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE OR SCHEMATIC IN NATURE USING INFORMATION FURNISHED BY THE RESPECTIVE AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITY INFORMATION AND TAKING PROPER PRECAUTIONS TO PROTECT EXISTING UTILITIES. UTILITIES SHALL BE FIELD-VERIFIED BY POTHOLING PRIOR TO COMMENCING ANY GRADING, DEMOLITION, TRENCHING OR ROAD EXCAVATION.
34.

THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT UTILITY LINES AND STRUCTURES SHOWN AS WELL AS ANY AND ALL OTHERS NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS. EXISTING UTILITY SERVICE LATERALS ARE SPECIFICALLY NOT SHOWN ON THESE DRAWINGS AND ARE TO BE PROTECTED BY THE CONTRACTOR.
35.

ALL EXISTING SURVEY MONUMENTS SHALL BE PRESERVED. ANY MONUMENT DISTURBED WITHOUT THE WRITTEN CONSENT OF THE CITY SURVEYOR MAY INCUR A FINE OF UP TO \$5000. CONTRACTOR SHALL ARRANGE AND PAY FOR PREVIOUS STRUCTURE REFERENCING AND REPLACEMENT OF ANY MONUMENT WHICH MAY BE DISTURBED BY HIS WORK. REFER TO SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE.
36.

THE CONTRACTOR SHALL NOT DESTROY ANY PERMANENT SURVEY POINTS WITHOUT THE CONSENT OF THE CITY ENGINEER. ANY PERMANENT MONUMENT OR BENCHMARK DESTROYED SHALL BE REPLACED BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE. THE PROJECT SURVEYOR SHALL FILE A CORNER RECORD WITH THE COUNTY AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE SURVEY IS DONE BY THE CONTRACTOR, MONUMENTS WITH THE POTENTIAL TO BE IMPACTED BY THE WORK SHALL BE REFERENCED AND RECORDS FILED (BY THE CONTRACTOR'S SURVEYOR) WITH THE COUNTY SURVEYOR. PRIOR TO THE START OF ANY EXCAVATION AT THE SITE, COPIES OF THE RECORDED DOCUMENTS SHALL BE DELIVERED TO THE CITY SURVEYOR.
37.

CURB RAMPS: DETECTABLE SURFACE SHALL BE ARMOR-TILE ADA-C, YELLOW COLOR NO. 33538, FED-STD-395.
38.

WORK ON COUNTY PROPERTY SHALL BE LIMITED TO WORK HOURS STIPULATED IN COUNTY ENCROACHMENT PERMIT.

REVISIONS

1

SIDEWALK GRADING REVISED



420 Litho St.,
Sausalito CA 94965
415-289-4113 tel.



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10/12/18

GATE 6 INTERSECTION IMPROVEMENTS

GENERAL NOTES

DATE:

10/12/2018

SCALE:

AS SHOWN

DRAWN BY

MLK

PROJECT NO:

CML5098(012)

SHEET

G-1.1

2 OF 25 SHEETS

SYMBOLS & LEGEND

REVISIONS	
1	SIDEWALK GRADING REVISED



420 Litho St.,
Sausalito CA 94965
415-289-4113 tel.



10/12/18

GATE 6 INTERSECTION IMPROVEMENTS

SYMBOLS AND LEGEND

DATE: 10/12/2018

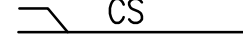
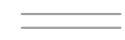
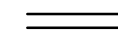
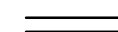
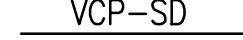
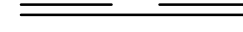
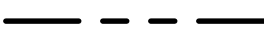
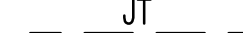
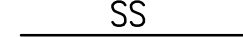
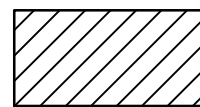
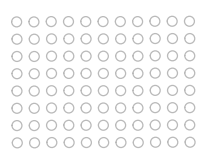
SCALE: AS SHOWN

DRAWN BY MLK

PROJECT NO: CML5098(01)

C-1.1

3 OF 25 SHEETS

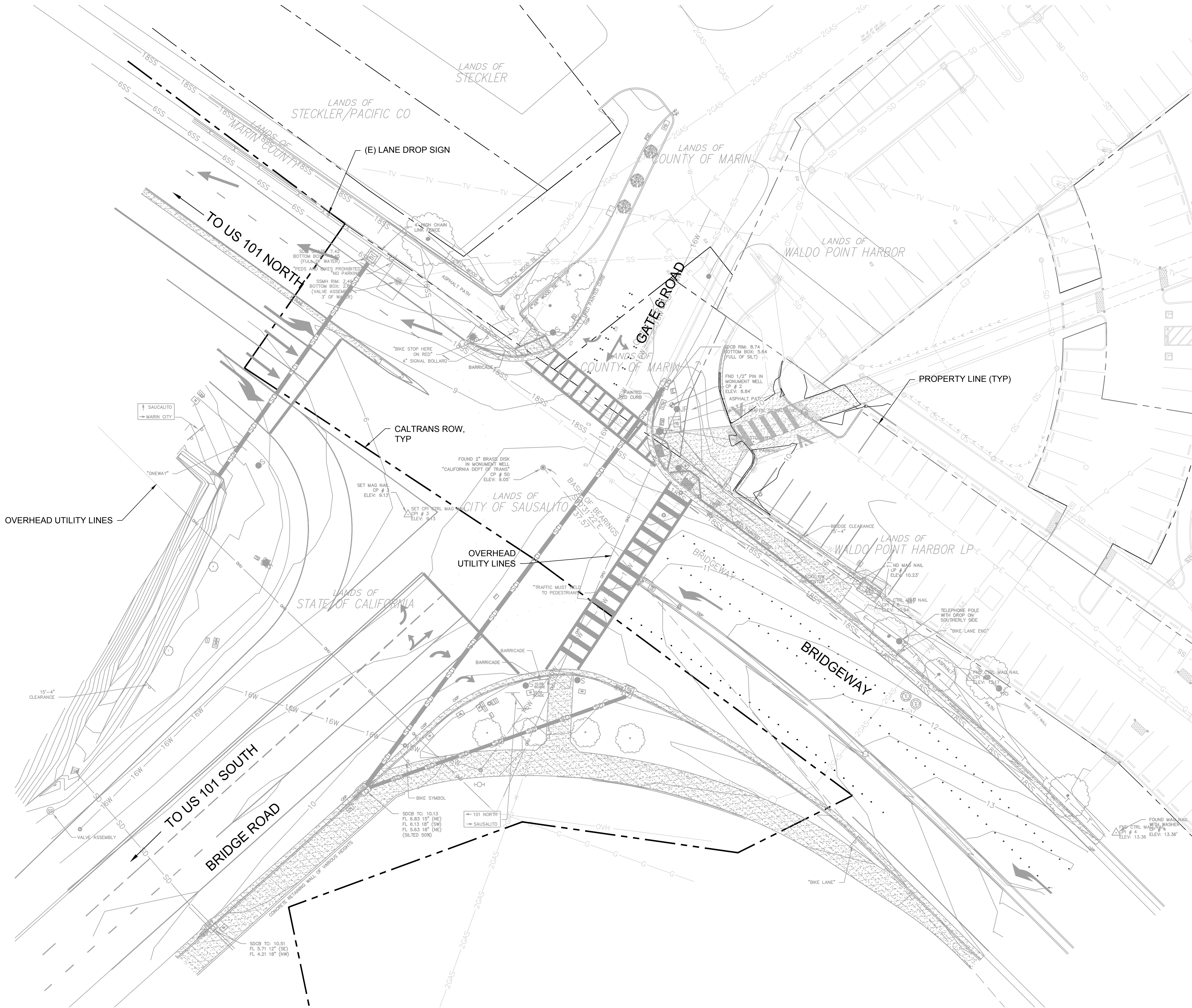
SYMBOL		LEGEND	SYMBOL		LEGEND	SYMBOL		LEGEND	SYMBOL		LEGEND
<u>EXISTING</u>	<u>PROPOSED</u>		<u>EXISTING</u>	<u>PROPOSED</u>		<u>EXISTING</u>	<u>PROPOSED</u>				
× 157.7	× 158.5	SPOT ELEVATION			COMBINED SEWER SERVICE / MAIN			CURB	AC	ASPHALT CONCRETE	
		CATCH BASIN			COMBINED SEWER BOX			CURB & GUTTER	BKW	BACK OF WALK	
		SAND TRAP			STORM DRAIN			(E) CONTOURS	CC	CENTER OF CIRCLE	
		SIGN			VITRIFIED CLAY PIPE - STORM DRAIN			(E) FENCE	CONC	CONCRETE	
		ROAD SIGN			UNDER DRAIN			R/W	CP	CONTROL POINT	
		MANHOLE/MANWAY			JOINT TRENCH UTILITIES			LIMIT OF WORK	(E)	EXISTING	
		CLEANOUT/VENT			SANITARY SEWER SERVICE / MAIN			WATER SERVICE	EF	EACH FACE	
		WATER METER			GAS			COMCAST	EP	EDGE OF PAVEMENT	
		FIRE HYDRANT			UNDERGROUND GST			2in GAS LINE	FF	FINISH FLOOR	
		ELECTRICAL MANHOLE OR HANDHOLE			HETCH HETCHY POWER			18in SANITARY SEWER	FG	FINISH GRADE	
		POST OR GUARD POST			HIGH VOLTAGE ELECTRIC				FL	FLOW LINE	
		VALVE AND CORP. STOP			LOW PRESSURE WATER				FP	FINISH PAVEMENT	
		COMBINATION AIR RELEASE VALVE			HIGH PRESSURE WATER			AREA DRAIN	FNC	FENCE	
		BLOWOFF			FIRE WATER			SANITARY SEWER MANHOLE	FH	FIRE HYDRANT	
		CATHODIC PROTECTION TEST STATION			DOMESTIC WATER			STORM DRAIN MANHOLE	GB	GRADE BREAK	
		NEW GATE VALVE			RECLAIMED WATER LINE			STORM DRAIN CATCH BASIN	INV	INVERT	
		REDUCER						DRAINAGE INLET	MDD	MAXIMUM DRY DENSITY	
		SLOPE WITH FLOW DIRECTION						DRAINAGE INLET	MH	MANHOLE	
		ASPHALT CONCRETE PAVEMENT			UNDERGROUND MCI			TRAFFIC SIGNAL	(N)	NEW	
		CONCRETE SIDEWALK			UNDERGROUND MFN			TRAFFIC SIGNAL POLE W/STREET LIGHT	NIC	NOT IN CONTRACT	
		TRUNCATED DOMES			UNDERGROUND MFS			STREET LIGHT	OFF	OFFSET	
		GRANITE CURB & CONC GUTTER/ CONCRETE CURB AND GUTTER			UNDERGROUND MSN			STREET LIGHT BOX	OG	ORIGINAL GRADE	
		CHAIN LINK FENCE			UNDERGROUND NEXTLINK						

NOTES

1. SYMBOLS ON THIS SHEET APPLY ONLY TO THE CIVIL DRAWINGS. REFER TO OTHER DISCIPLINES FOR APPLICABLE SYMBOLS NOT PROVIDED HERE.
2. THIS IS A STANDARD SYMBOL SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET AND MAY NOT BE UTILIZED ON THIS PROJECT.

U:\Projects\130319 Gate 6 Intersection\Drawings\01 Sheets\04 C-1.2 EXISTING CONDITIONS.dwg

7/30/2019 5:29 PM



A
C-1.2 EXISTING CONDITIONS PLAN
SCALE: 1" = 20'

SURVEY NOTES:

BENCHMARK

CINQUINI & PASSARINO, INC. CONTROL PT NO. 2, A FOUND 1/2" STAINLESS STEEL ROD IN A STANDARD MONUMENT WELL WITH A 5" LOGO CAP, BEING NATIONAL GEODETIC SERVICE BENCHMARK F 1444 (PID HT 3533). ELEVATION 8.84 FEET NAVD 88.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 2, NAD 83, EPOCH 2011.00 AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING SYSTEMS (CGPS) STATION T1B8 AND STATION P224; BEING SOUTH 81°35'58" EAST AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC).

SURVEYOR'S STATEMENT

THIS MAP REPRESENTS A FIELD SURVEY MADE BY ME OR UNDER MY DIRECTION ON APRIL 24, 2013 AND REPRESENTS THE VISUAL SURFACE CONDITIONS AS OF AFORESAID DATE.

ORIGINAL
SIGNED BY:
Anthony G. Cinquini P.L.S. 8614

NOTES:

- SEE SHEET G-1.1 FOR LEGEND AND ABBREVIATIONS.
- DRAWING PREPARED BASED ON THE SURVEY DATA PREPARED BY: CINQUINI & PASSARINO, INC., DATED APRIL 24, 2013.
- UNDERGROUND UTILITIES SHOWN ARE BASED ON RECORD INFORMATION AND HAVE NOT BEEN VERIFIED. CONTRACTOR TO LOCATE AND VERIFY BY POTHOLING ALL UTILITIES ALONG PROPOSED UTILITY ROUTES.

REVISIONS

1	SIDEWALK GRADING REVISED



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10/12/18

**GATE 6 INTERSECTION
IMPROVEMENTS**

EXISTING CONDITIONS

DATE: 10/12/2018

SCALE: AS SHOWN

DRAWN BY: MLK

PROJECT NO: CML5098(012)

SHEET

C-1.2

4 OF 25 SHEETS

LEGEND

- REMOVE (E) ASPHALT CONCRETE & AGGREGATE BASE
- REMOVE (E) PAVEMENT
- REMOVE (E) PLANTING
- REMOVE (E) CURB & GUTTER
- REMOVE (E) CURB RAMP
- REMOVE (E) WOOD TIE
- REMOVE (E) CONCRETE
- SAWCUT LINE

KEYNOTES

1. PROTECT (E) UTILITY BOX
2. ADJUST (E) UTILITY VALVE COVER TO FINISH GRADE
3. REMOVE (E) BOLLARDS
4. NOT USED
5. REMOVE (E) DI
6. REMOVE (E) SIGN
7. REMOVE BARRICADE AND RELOCATE SIGN
8. PROTECT (E) LID
9. PROTECT (E) JOINT POLE
10. PROTECT (E) MONUMENT, ADJUST COVER TO NEW FINISH GRADE
11. PROTECT (E) TRAFFIC SIGNAL
12. REMOVE (E) CHAIN LINK FENCE
13. REMOVE (E) WOOD HEADER
14. PROTECT (E) CONCRETE SEWER VAULT
15. ADJUST (E) UTILITY BOX TO FINISH GRADE
16. PROTECT (E) SIGN IN PLACE
17. RELOCATE (E) SIGN, SEE SHEET C-3.2
18. NOT USED
19. RELOCATE (E) TRAFFIC SIGNAL BOX, SEE SIGNAL AND LIGHTING PLAN FOR LOCATION
20. PROTECT (E) DRAINAGE INLET, SEE NOTE 18
21. PROTECT (E) CURB & GUTTER
22. REMOVE (E) CURB & GUTTER, SEE NOTE 19
23. PROTECT (E) WOOD TIE

NOTES:

1. SEE SHEET C-1.4 FOR ALIGNMENT DATA.
2. STA 10+00 TO STA 14+50 ARE FOR ALIGNMENT "BRIDGEWAY". STA 50+00 TO STA 54+30 ARE FOR ALIGNMENT "GATE"

DEMOLITION NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE DUE TO CONTRACTOR OPERATIONS.
2. THIS DEMOLITION PLAN IS NOT INTENDED TO DETERMINE THE METHOD, DETAILS AND/OR MEANS OF PERFORMING THE DEMOLITION WORK. THIS PLAN MAKES NO INQUIRY OR DETERMINATION AS TO THE EXISTENCE OF HAZARDOUS OR TOXIC MATERIALS EXISTING ON SITE. IT IS RECOMMENDED THAT AN INDEPENDENT INQUIRY BE PERFORMED PRIOR TO DEMOLITION WORK TO DETERMINE THE EXISTENCE OF ANY POTENTIAL HAZARDOUS OR TOXIC RISK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK. IN ADDITION TO OBTAINING USA MARKINGS, CONTRACTOR SHALL POTHOLE EXISTING UTILITIES ALONG PROPOSED UTILITY ALIGNMENTS TO CONFIRM NO CONFLICTS.
4. ALL EXISTING UTILITIES AND APPURTENANCES THERETO SERVING ANY EXISTING STRUCTURE OR BUILDINGS ARE TO REMAIN AND SHALL BE PROTECTED IN PLACE UNLESS DIRECTED TO BE REMOVED AND REPLACED ELSEWHERE ON THESE PLANS.
5. THE FINISHED GROUND SURFACE SHALL BE LEFT IN A SMOOTH, UNIFORM GRADED CONDITION.
6. DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS SHALL BE CONDUCTED IN A MANNER TO INSURE MINIMUM INTERFERENCE WITH STREETS, SIDEWALKS AND OTHER ADJACENT OCCUPIED OR UTILIZED FACILITIES.
7. THE CONTRACTOR SHALL INSURE THE SAFE PASSAGE OF PERSONS AROUND THE DEMOLITION AREA. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES AND OTHER FACILITIES.
8. THE CONTRACTOR SHALL PROMPTLY REPAIR ANY DAMAGE CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COST TO THE OWNER.
9. USE WATER SPRINKLING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT SCATTERING AND RISING IN AIR TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. CONTRACTOR IS RESPONSIBLE FOR CLEANLINESS OF ADJACENT STRUCTURES AND IMPROVEMENTS. SUCH IMPROVEMENTS SHALL BE KEPT FREE OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITIONS EXISTING PRIOR TO START OF WORK.
10. DUST CONTROL SHALL BE IMPLEMENTED DURING ALL DEMOLITION AND GRADING OPERATIONS. PUBLIC STREETS SHALL BE KEPT CLEAN BY SWEEPING AS NECESSARY. AT A MINIMUM, STREETS SHALL BE SWEEP WEEKLY WITH A MECHANICAL/VACUUM TYPE STREET SWEEPER.
11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TRAFFIC CONTROL AND PEDESTRIAN AND BICYCLE MANAGEMENT.
12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION COORDINATION WITH ALL ADJACENT PROPERTY OWNERS FOR WORK TO BE PERFORMED ON THEIR PROPERTIES.
13. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING SWPPP MEASURES.
14. PROTECT AND REPAIR THE SIDEWALK WHERE THE EXISTING SIDEWALK SLOPE IS NOT CHANGING FROM THAT SHOWN IN THE SURVEY.
15. DEMOLISH CONCRETE SIDEWALK TO NEAREST CONCRETE SCORELINE FOR PROPOSED CONNECTIONS.
16. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING IRRIGATION SYSTEM AT NO COST TO THE OWNER.
17. FOR PAVEMENT MARKING DEMOLITION SEE SHEET C-3.1.
18. CONTRACTOR SHALL REPLACE IN-KIND ANY PLANTING/LANDSCAPING DAMAGED BY HIS WORK.
19. WHERE CURBS ARE TO BE REMOVED, SAWCUT THROUGH CURB AND GUTTER AT LIMITS OF REMOVAL.
20. ALL REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF AT THE CONTRACTORS EXPENSE.

REVISIONS

1	SIDEWALK GRADING REVISED



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10/12/18

GATE 6 INTERSECTION
IMPROVEMENTS

DEMOLITION PLAN

DATE: 10/12/2018

SCALE: AS SHOWN

DRAWN BY: MLK

PROJECT NO: CML5098(012)

SHEET

C-1.3

5 OF 25 SHEETS



REVISIONS

1	SIDEWALK GRADING REVISED

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MARIN CO. CALIF.

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REGISTERED PROFESSIONAL ENGINEER

JASON J. LING

C60493

EXP. 6/30/20

CIVIL

STATE OF CALIFORNIA

10/12/18

GATE 6 INTERSECTION IMPROVEMENTS

TYPICAL SECTIONS

DATE: 10/12/2018

SCALE: AS SHOWN

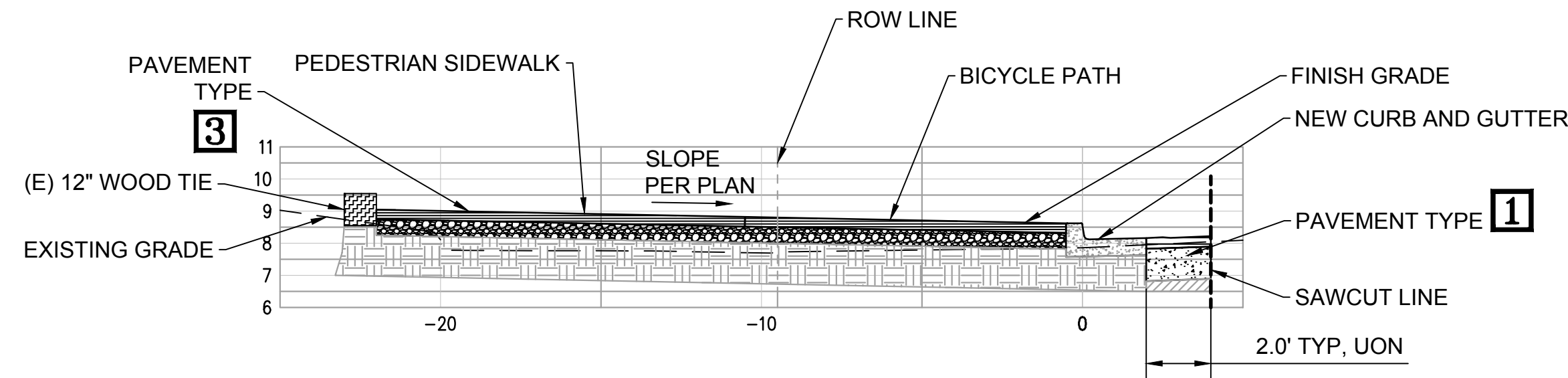
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PROJECT NO: CML5098(012)

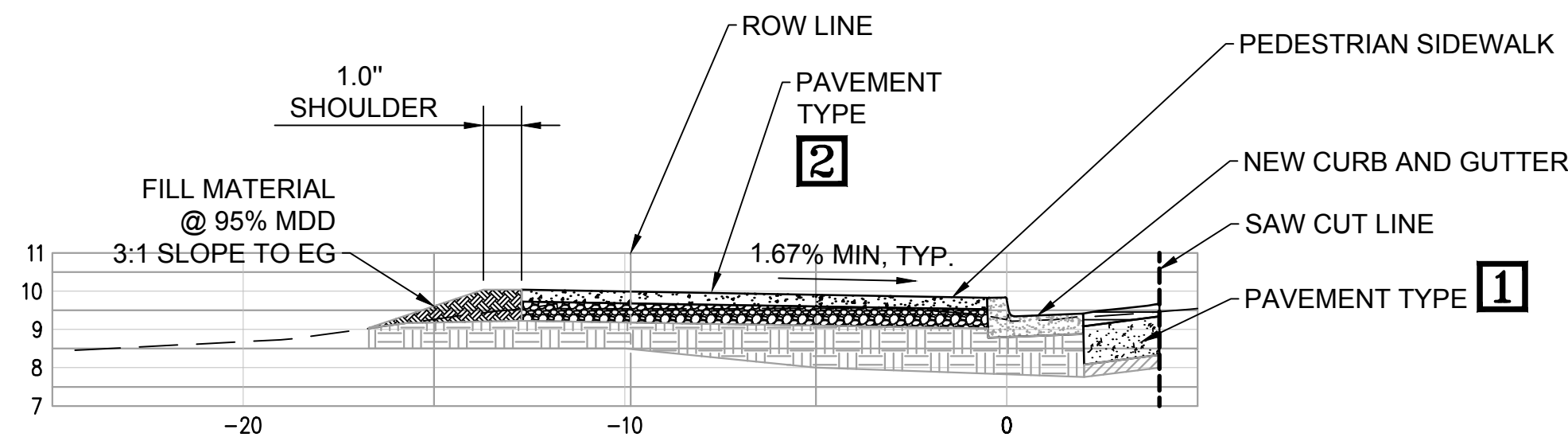
SHEET

C-2.1

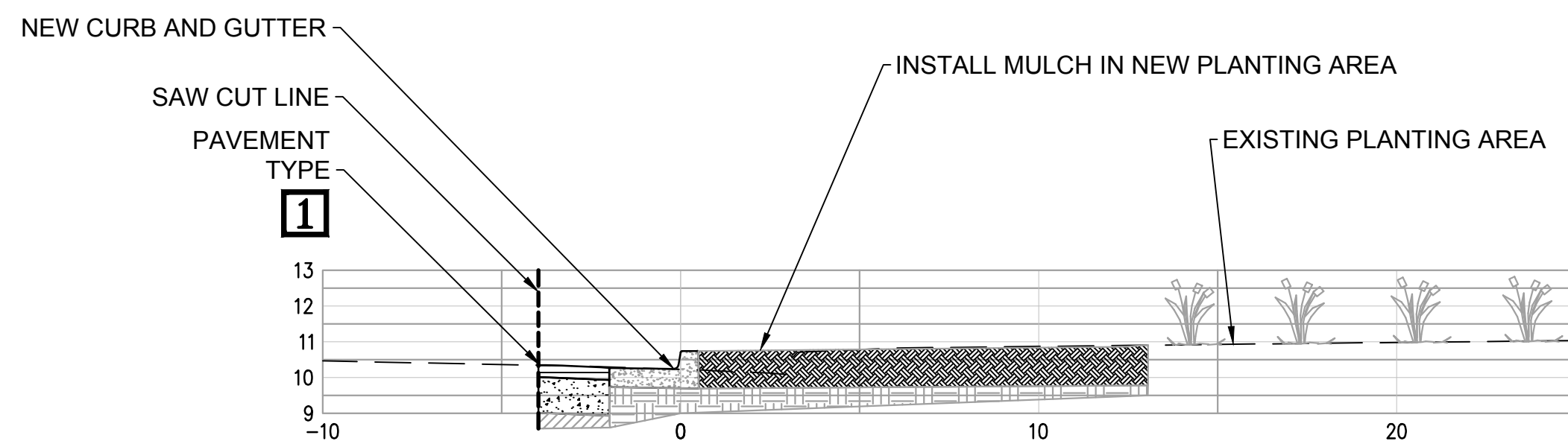
7 OF 25 SHEETS



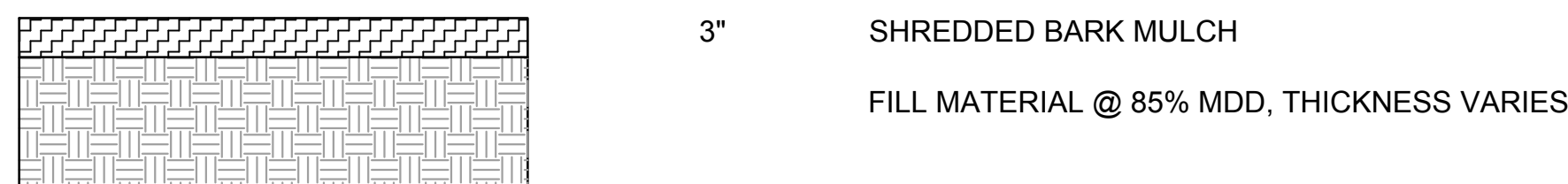
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BIKE LANE AND SIDEWALK TYPICAL SECTION
C-2.1 SCALE: 1" = 4'



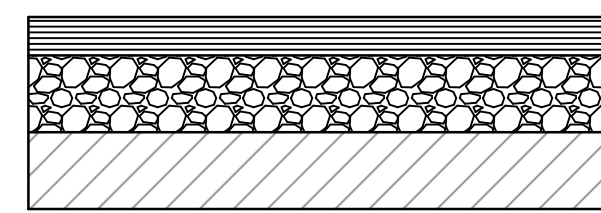
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SIDEWALK TYPICAL SECTION
C-2.1 SCALE: 1" = 4'



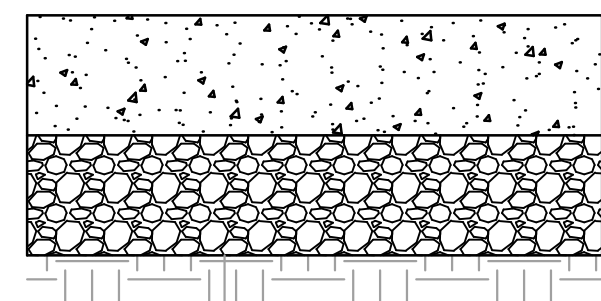
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SIDEWALK TYPICAL SECTION
C-2.1 SCALE: 1" = 4'



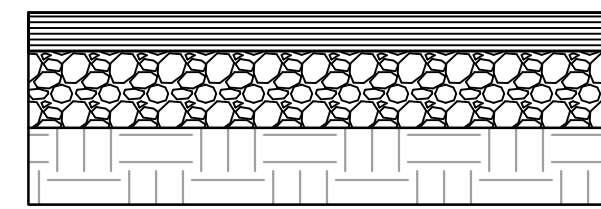
4
TYPICAL PLANTER SECTION
C-2.1 SCALE: N.T.S.



PAVEMENT TYPE 1
ASPHALT CONCRETE



PAVEMENT TYPE 2
CONCRETE SIDEWALK



PAVEMENT TYPE 3
ASPHALT CONCRETE

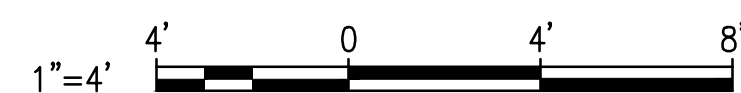
- 6.0", MIN HOT MIX ASPHALT CONCRETE (AC) TYPE A, MATCH (E) THICKNESS IF GREATER THAN 6"
- 12.0" AGGREGATE BASE CLASS 2 COMPACT TO 95% MDD
- EXISTING SUB BASE, COMPACT TO 95% MDD

- 4" CONCRETE
- 4" AGGREGATE BASE, CLASS 2, COMPACT TO 95% MDD
- EXISTING GROUND, COMPACTED TO 95% MDD

- 4.0" HOT MIX ASPHALT CONCRETE (AC) TYPE A
- 6.0" AGGREGATE BASE CLASS 2 COMPACT TO 95% MDD
- 6.0" EXISTING GROUND, SUBGRADE, SCARIFIED AND COMPACTED TO 95% MDD

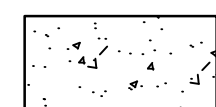
LEGEND:

- CONCRETE
- ASPHALT CONCRETE
- AGGREGATE BASE
- EXISTING GROUND
- EXISTING SUB BASE
- MULCH

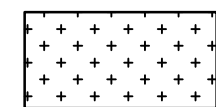


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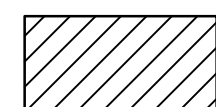
LEGEND:



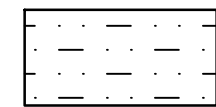
INSTALL CONCRETE PAVEMENT



INSTALL MULCH



INSTALL ASPHALT CONCRETE PAVEMENT VEHICLE TRAVEL WAY



INSTALL ASPHALT CONCRETE BIKE PATH

2

PAVEMENT TYPE
SEE SHEET C-2.1 FOR DETAILS

--- SAW-CUT LINE

A
C-2.2

LAYOUT

SCALE: 1" = 20'

1" = 20'



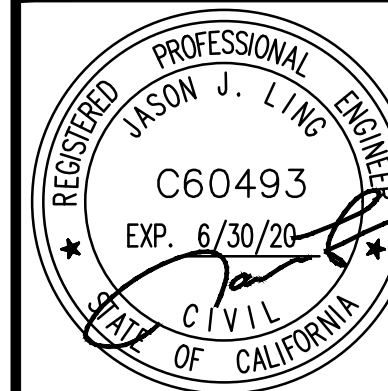
REVISIONS

1	SIDEWALK GRADING REVISED



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GATE 6 INTERSECTION
IMPROVEMENTS

LAYOUT PLAN

DATE: 10/12/2018

SCALE: AS SHOWN

DRAWN BY: MLK

PROJECT NO: CML5098(012)

SHEET

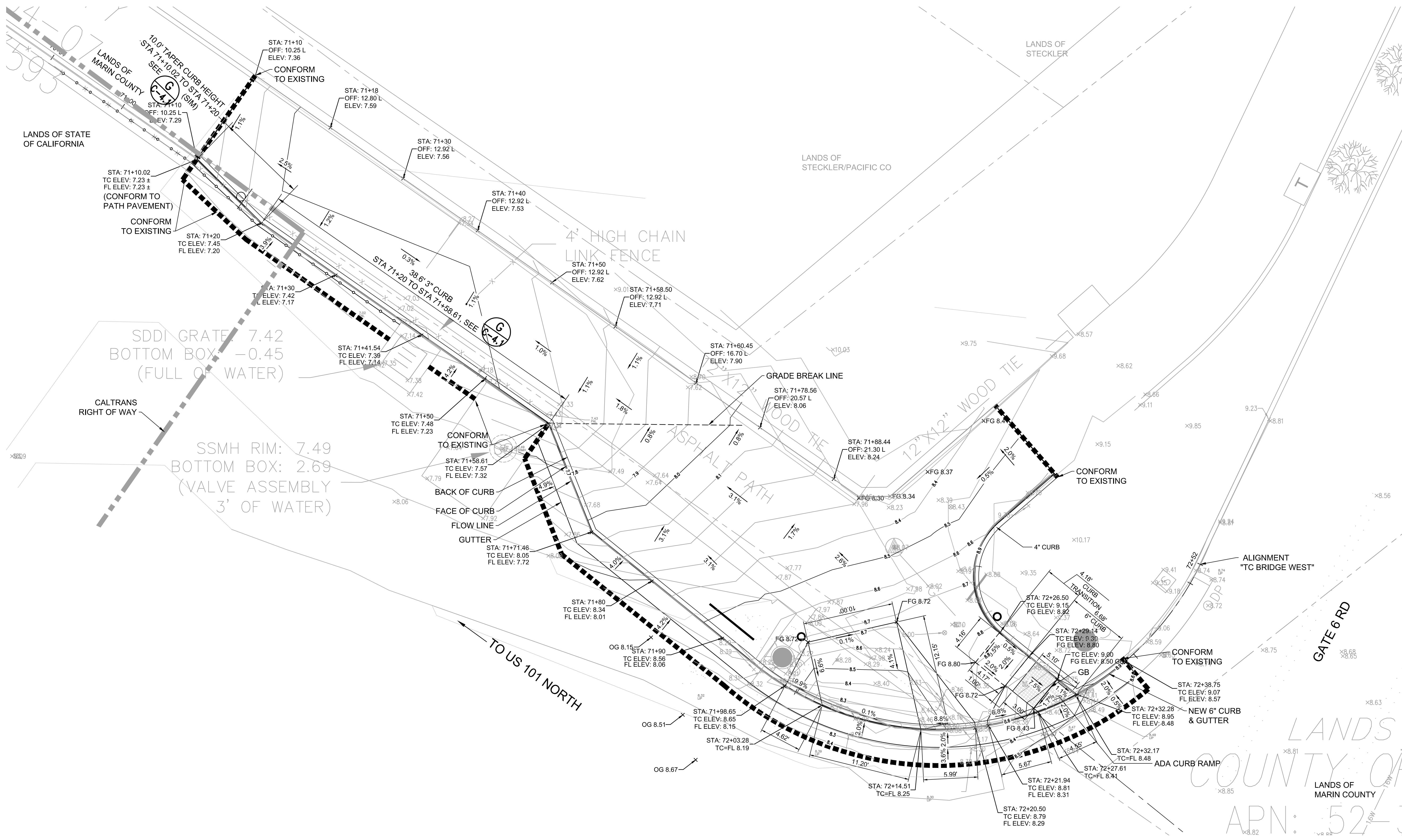
C-2.2

8 OF 25 SHEETS

NOTES:

- SEE SHEET C-1.4 FOR ALIGNMENT DATA AND ADDITIONAL DIMENSIONS.
- STA 70+00 TO STA 73+86 ARE FOR ALIGNMENT "TC BRIDGE WEST".
STA 80+00 TO STA 80+75 ARE FOR ALIGNMENT "TC BRIDGE EAST".
STA 90+00 TO STA 91+40 ARE FOR ALIGNMENT "TC BRIDGE SOUTH"
- FOR PROPOSED PAVEMENT DELINEATION, SEE C-3.1. EXISTING
DELINEATION IS SHOWN.
- NEW CURB TO MATCH EXISTING WOOD HEADER.
- NEW FENCE SHALL BE CONSTRUCTED OF NEW MATERIALS WHICH
MATCH EXISTING FENCE IN ALL RESPECTS.
- PROVIDE NEW AC RAMP, CONNECTING STREET TO PAVED PATH.
- NEW SD PIPE EXTENSION SHALL BE TYPE S CORRUGATED
POLYETHYLENE, CORRUGATED PVC, OR CLASS III REINFORCED
CONCRETE PER CALTRANS STANDARDS.
- TYPE I PEDESTRIAN BARRICADE PER DETAILS C AND E, CALTRANS RSP
ES-7Q, WIDTH AS REQUIRED FOR SIGN.
- NEW CURB & GUTTER SHALL BE TYPE A, DET **B** UNLESS
OTHERWISE NOTED. **C-4.1**

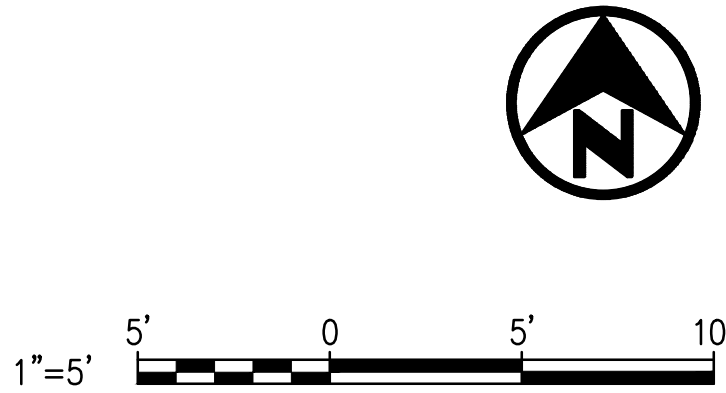
U:\Projects\130319 Gate 6 Intersection\Drawings\01 Sheets\09 C-2.3 CURB RAMPS.dwg 1/30/2019 5:58 PM



A CURB RAMP ENLARGED PLAN
C-2.3 SCALE: 1" = 5'

NOTES:

- SEE SHEET C-1.4 FOR ALIGNMENT DATA AND ADDITIONAL DIMENSIONS.
- SEE SHEET C-2.2 FOR PAVEMENT AND LANDSCAPE AREA.
- STA 70+00 TO STA 73+86 ARE FOR ALIGNMENT "TC BRIDGE WEST".
STA 80+00 TO STA 80+75 ARE FOR ALIGNMENT "TC BRIDGE EAST".
STA 90+00 TO STA 91+40 ARE FOR ALIGNMENT "TC BRIDGE SOUTH".
- CONTRACTOR SHALL PROVIDE SURVEYED ELEVATIONS AT 10' O.C. ALONG ALL SAWCUT LINES AND AT CURB CONFORM POINTS. SUBMIT TO ENGINEER FOR CONFIRMATION OF CURB GRADING. OBTAIN ENGINEERS APPROVAL PRIOR TO STAKING NEW CURB.



REVISIONS	
1	SIDEWALK GRADING REVISED



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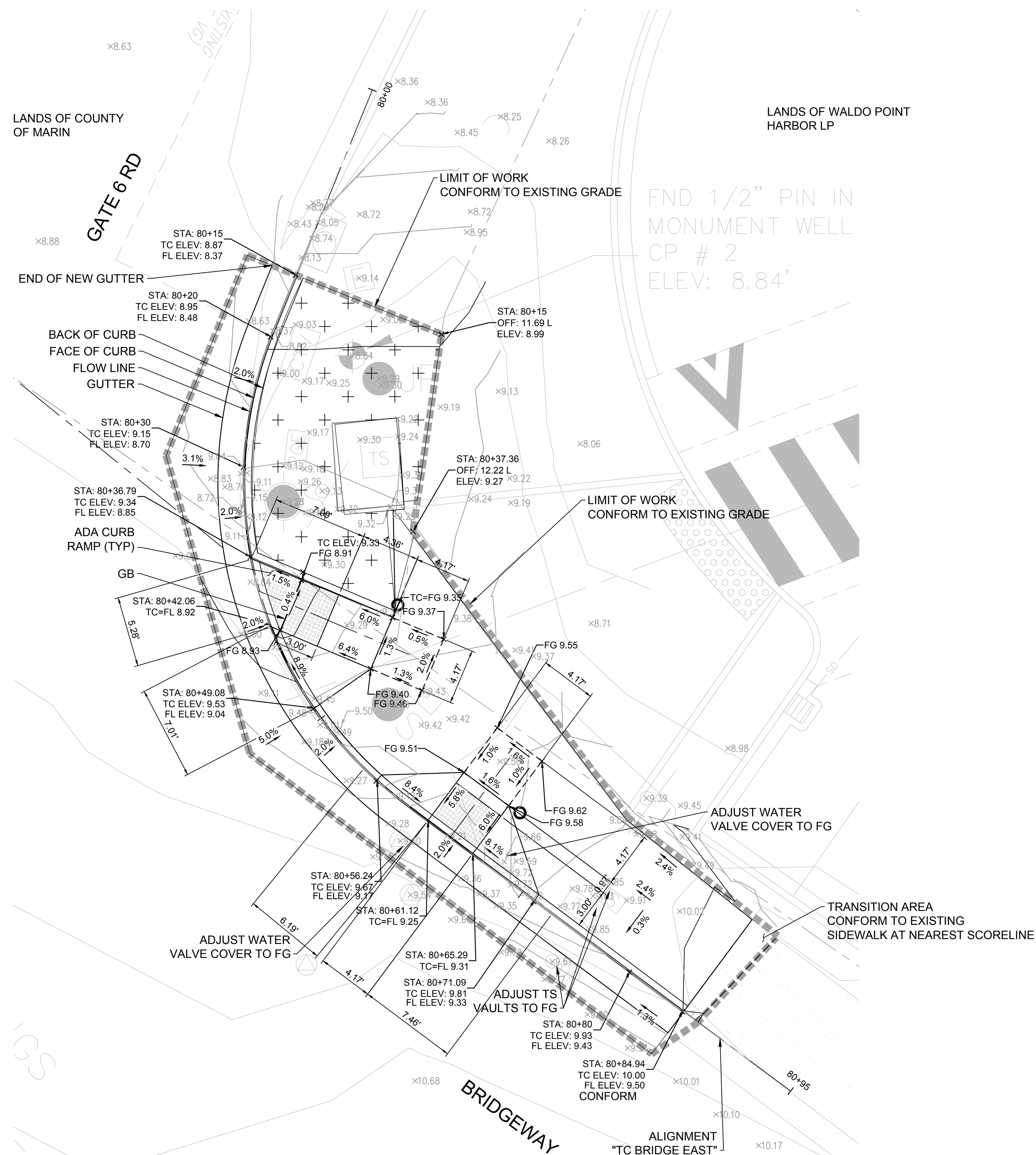


10/12/18

GATE 6 INTERSECTION IMPROVEMENTS
CURB RAMP ENLARGE PLAN

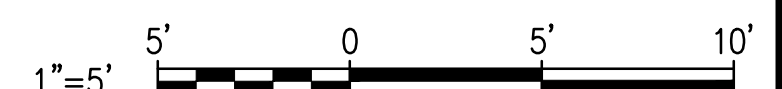
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DRAWN BY: MLK
PROJECT NO: CML5098(012)
SHEET

C-2.3



NOTES:

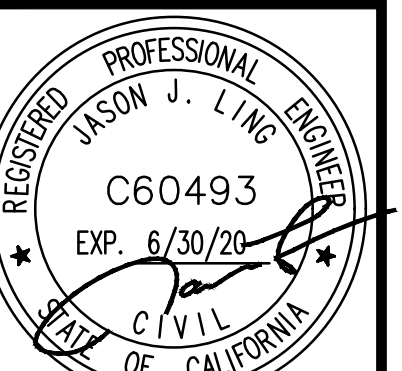
1. SEE SHEET C-1.4 FOR ALIGNMENT DATA AND ADDITIONAL DIMENSIONS.
2. SEE SHEET C-2.2 FOR PAVEMENT AND LANDSCAPE AREA.
3. STA 70+00 TO STA 73+86 ARE FOR ALIGNMENT "TC BRIDGE WEST".
STA 80+00 TO STA 80+75 ARE FOR ALIGNMENT "TC BRIDGE EAST".
STA 90+00 TO STA 91+40 ARE FOR ALIGNMENT "TC BRIDGE SOUTH".
4. CONTRACTOR SHALL PROVIDE SURVEYED ELEVATIONS AT 10' O.C.ALONG ALL SAWCUT LINES AND AT CURB CONFORM POINTS. SUBMIT TO ENGINEER FOR CONFIRMATION OF CURB GRADING. OBTAIN ENGINEERS APPROVAL PRIOR TO STAKING NEW CURB.



REVISIONS	
1	SIDEWALK GRADING REVISED



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GATE 6 INTERSECTION IMPROVEMENTS	CURB RAMP ENLARGE PLAN
----------------------------------	------------------------

DATE: 10/12/2018

SCALE: AS SHOWN

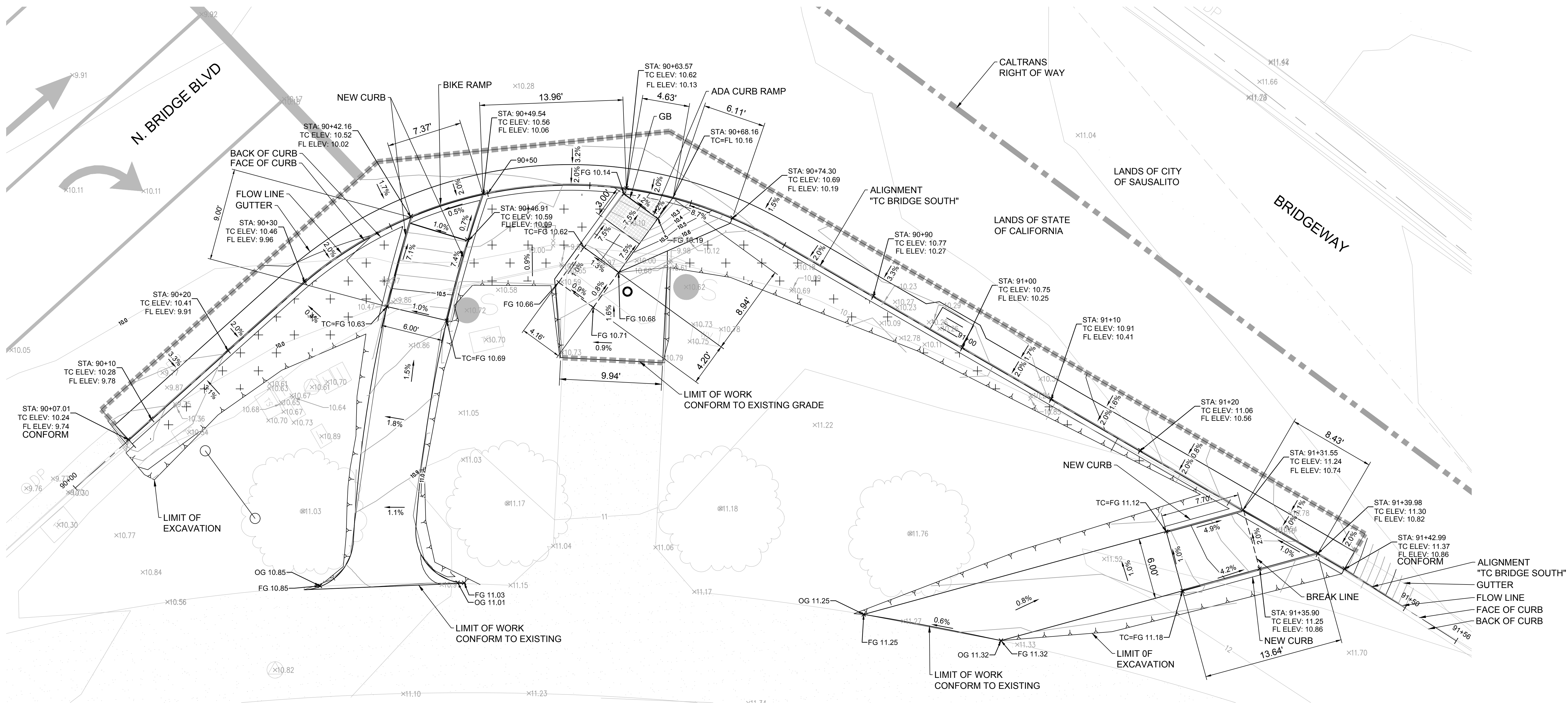
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PROJECT NO: CML5098(012)

SHEET

C-2.4

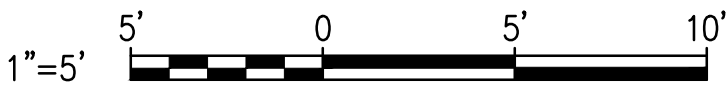
10 OF 25 SHEETS



A CURB RAMP ENLARGED PLAN
C-2.5 SCALE: 1" = 5'

NOTES:

- SEE SHEET C-1.4 FOR ALIGNMENT DATA AND ADDITIONAL DIMENSIONS.
- SEE SHEET C-2.2 FOR PAVEMENT AND LANDSCAPE AREA.
- STA 70+00 TO STA 73+86 ARE FOR ALIGNMENT "TC BRIDGE WEST".
STA 80+00 TO STA 80+75 ARE FOR ALIGNMENT "TC BRIDGE EAST".
STA 90+00 TO STA 91+40 ARE FOR ALIGNMENT "TC BRIDGE SOUTH".
- CONTRACTOR SHALL PROVIDE SURVEYED ELEVATIONS AT 10' O.C. ALONG ALL SAWCUT LINES AND AT CURB CONFORM POINTS. SUBMIT TO ENGINEER FOR CONFIRMATION OF CURB GRADING. OBTAIN ENGINEERS APPROVAL PRIOR TO STAKING NEW CURB.
- COVER ALL EXPOSED SOIL WITH MULCH PER DETAIL **4** TOP OF MULCH SHALL BE AT FINISH GRADES INDICATED.



REVISIONS	
1	SIDEWALK GRADING REVISED



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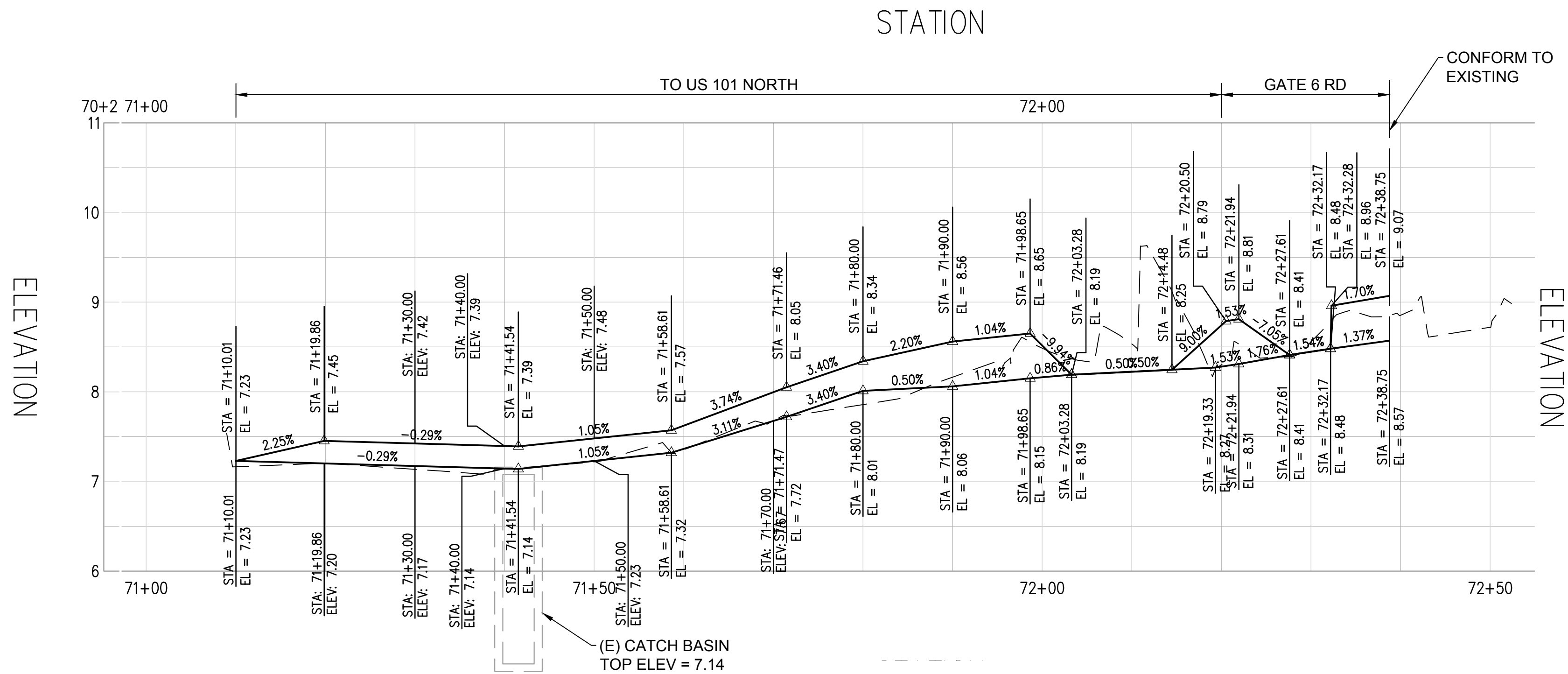
GATE 6 INTERSECTION IMPROVEMENTS
CURB RAMP ENLARGE PLAN

DATE:	10/12/2018
SCALE:	AS SHOWN
DRAWN BY:	MLK
PROJECT NO:	CML5098(012)
SHEET	

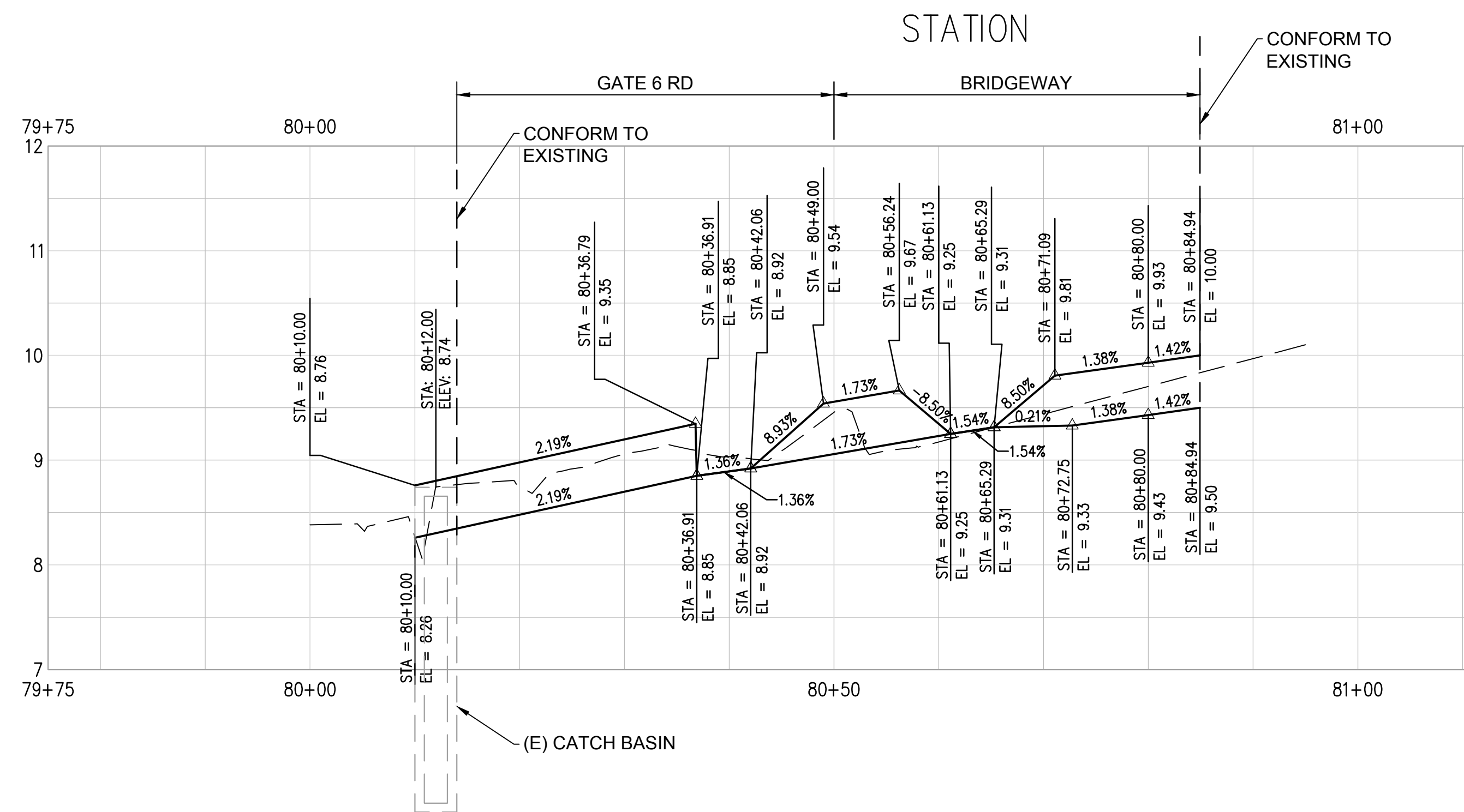
C-2.5

U:\Projects\130319 Gate 6 Intersection\Drawings\01 Sheets\12 C-2.6 PROFILES.dwg

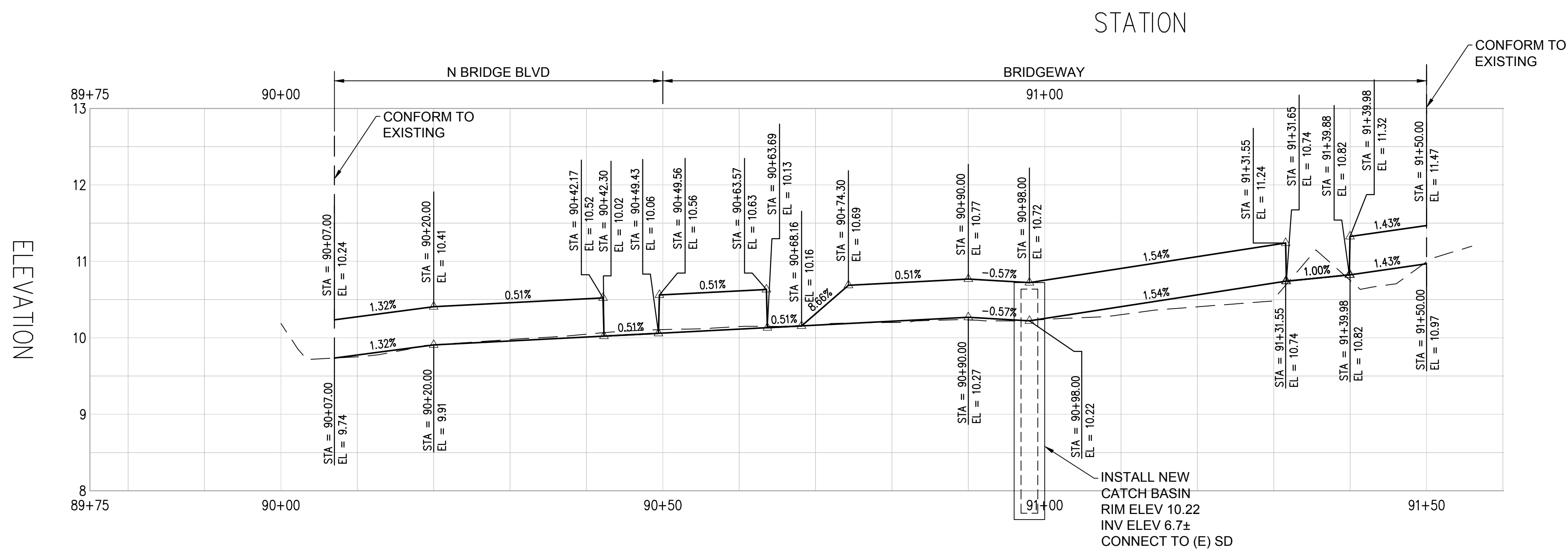
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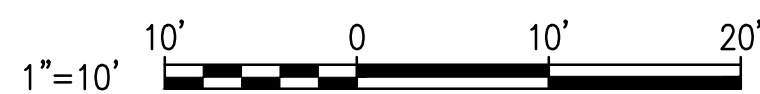
A CURB 1 PROFILE
C-2.6 SCALE: H 1"=10' V 1"=1'



B CURB 2 PROFILE
C-2.6 SCALE: H 1"=10' V 1"=1'



C CURB 3 PROFILE
C-2.6 SCALE: H 1"=10' V 1"=1'



REVISIONS	
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GATE 6 INTERSECTION IMPROVEMENTS

CURB PROFILES

DATE: 10/12/2018
SCALE: AS SHOWN
DRAWN BY: MLK
PROJECT NO: CML5098(012)
SHEET

C-2.6

BICYCLE LANE LEGEND:



EXISTING SIGNAGE



PROPOSED SIGNAGE



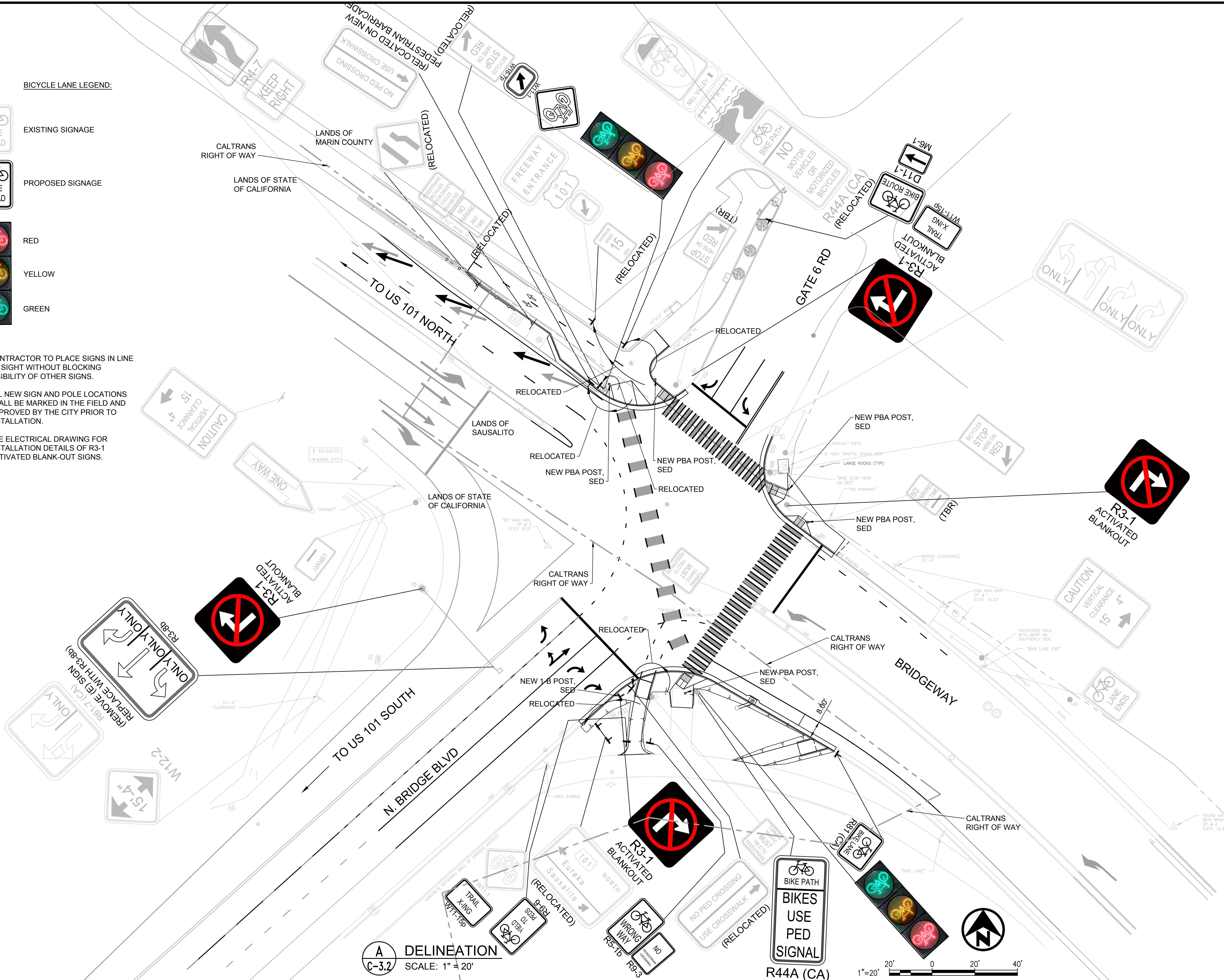
RED

YELLOW

GREEN

NOTE:

1. CONTRACTOR TO PLACE SIGNS IN LINE OF SIGHT WITHOUT BLOCKING VISIBILITY OF OTHER SIGNS.
2. ALL NEW SIGN AND POLE LOCATIONS SHALL BE MARKED IN THE FIELD AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
3. SEE ELECTRICAL DRAWING FOR INSTALLATION DETAILS OF R3-1 ACTIVATED BLANK-OUT SIGNS.

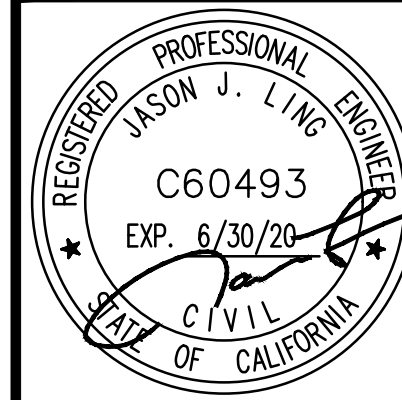


REVISIONS	
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10/12/18

GATE 6 INTERSECTION IMPROVEMENTS

SIGNAGE PLAN

DATE: 10/12/2018

SCALE: AS SHOWN

DRAWN BY: MLK

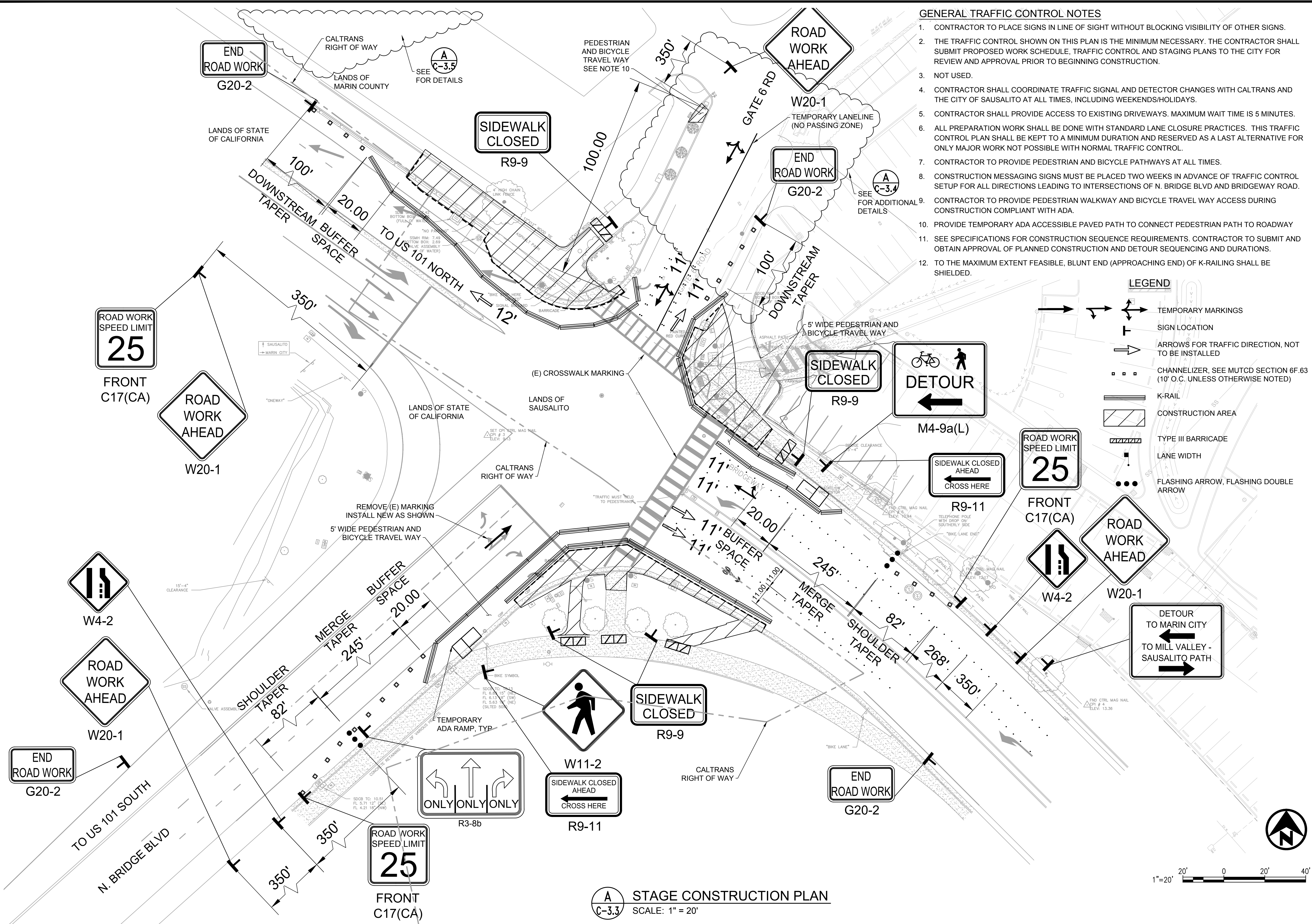
PROJECT NO: CML5098(012)

SHEET

C-3.2

14 OF 25 SHEETS

U:\Projects\190319 Gate 6 Intersection\Drawings\01 Sheets\16 C-3.3 TRAFFIC CONTROL.dwg 1/30/2019 5:37 PM



- GENERAL TRAFFIC CONTROL NOTES**
1. CONTRACTOR TO PLACE SIGNS IN LINE OF SIGHT WITHOUT BLOCKING VISIBILITY OF OTHER SIGNS.
 2. THE TRAFFIC CONTROL SHOWN ON THIS PLAN IS THE MINIMUM NECESSARY. THE CONTRACTOR SHALL SUBMIT PROPOSED WORK SCHEDULE, TRAFFIC CONTROL AND STAGING PLANS TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
 3. NOT USED.
 4. CONTRACTOR SHALL COORDINATE TRAFFIC SIGNAL AND DETECTOR CHANGES WITH CALTRANS AND THE CITY OF SAUSALITO AT ALL TIMES, INCLUDING WEEKENDS/HOLIDAYS.
 5. CONTRACTOR SHALL PROVIDE ACCESS TO EXISTING DRIVEWAYS. MAXIMUM WAIT TIME IS 5 MINUTES.
 6. ALL PREPARATION WORK SHALL BE DONE WITH STANDARD LANE CLOSURE PRACTICES. THIS TRAFFIC CONTROL PLAN SHALL BE KEPT TO A MINIMUM DURATION AND RESERVED AS A LAST ALTERNATIVE FOR ONLY MAJOR WORK NOT POSSIBLE WITH NORMAL TRAFFIC CONTROL.
 7. CONTRACTOR TO PROVIDE PEDESTRIAN AND BICYCLE PATHWAYS AT ALL TIMES.
 8. CONSTRUCTION MESSAGING SIGNS MUST BE PLACED TWO WEEKS IN ADVANCE OF TRAFFIC CONTROL SETUP FOR ALL DIRECTIONS LEADING TO INTERSECTIONS OF N. BRIDGE BLVD AND BRIDGEWAY ROAD.
 9. CONTRACTOR TO PROVIDE PEDESTRIAN WALKWAY AND BICYCLE TRAVEL WAY ACCESS DURING CONSTRUCTION COMPLIANT WITH ADA.
 10. PROVIDE TEMPORARY ADA ACCESSIBLE PAVED PATH TO CONNECT PEDESTRIAN PATH TO ROADWAY
 11. SEE SPECIFICATIONS FOR CONSTRUCTION SEQUENCE REQUIREMENTS. CONTRACTOR TO SUBMIT AND OBTAIN APPROVAL OF PLANNED CONSTRUCTION AND DETOUR SEQUENCING AND DURATIONS.
 12. TO THE MAXIMUM EXTENT FEASIBLE, BLUNT END (APPROACHING END) OF K-RAILING SHALL BE SHIELDED.

- LEGEND**
- TEMPORARY MARKINGS
 - SIGN LOCATION
 - ARROWS FOR TRAFFIC DIRECTION, NOT TO BE INSTALLED
 - CHANNELIZER, SEE MUTCD SECTION 6F.63 (10' O.C. UNLESS OTHERWISE NOTED)
 - K-RAIL
 - CONSTRUCTION AREA
 - TYPE III BARRICADE
 - LANE WIDTH
 - FLASHING ARROW, FLASHING DOUBLE ARROW

REVISIONS	
1	SIDEWALK GRADING REVISED



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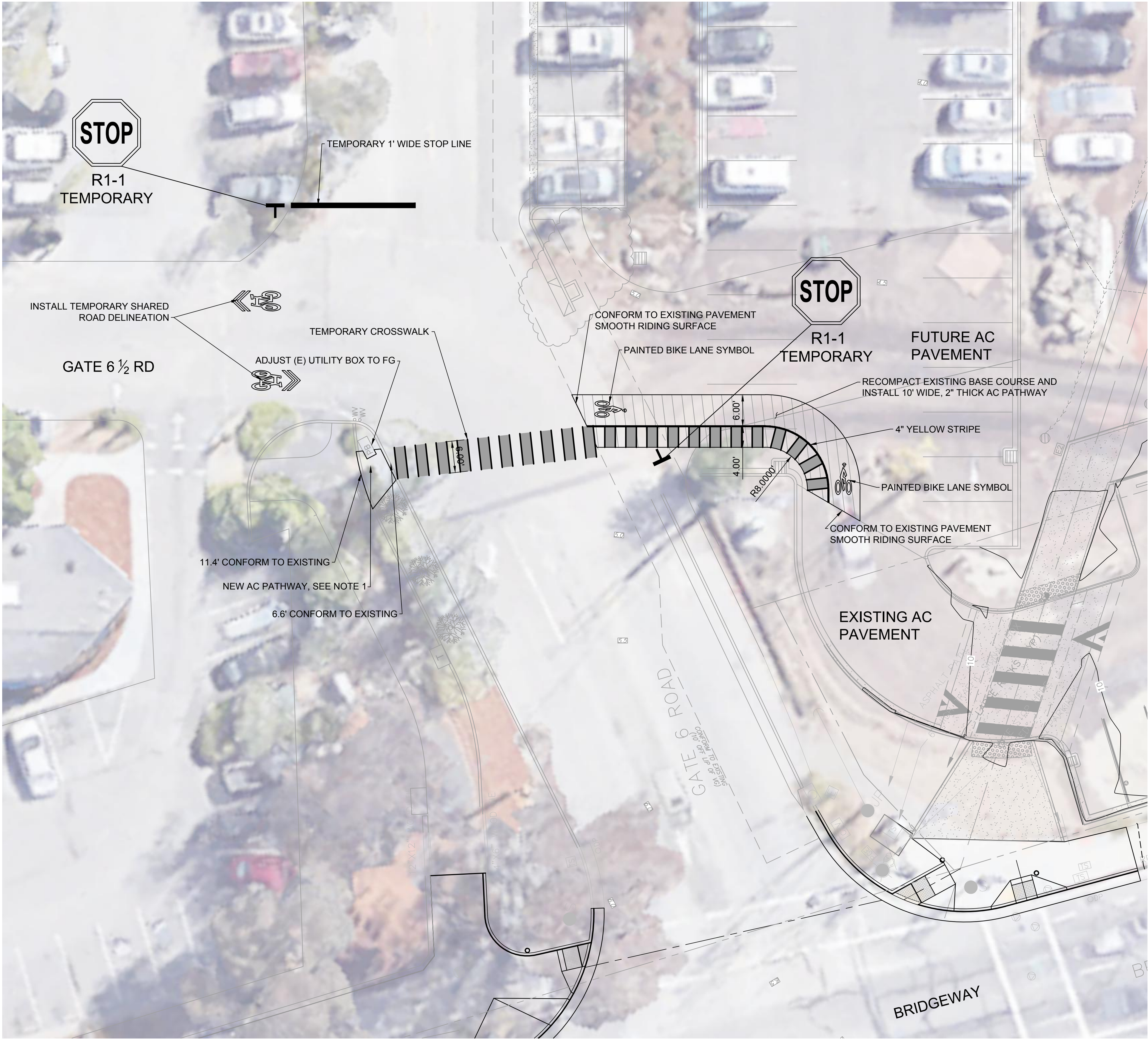
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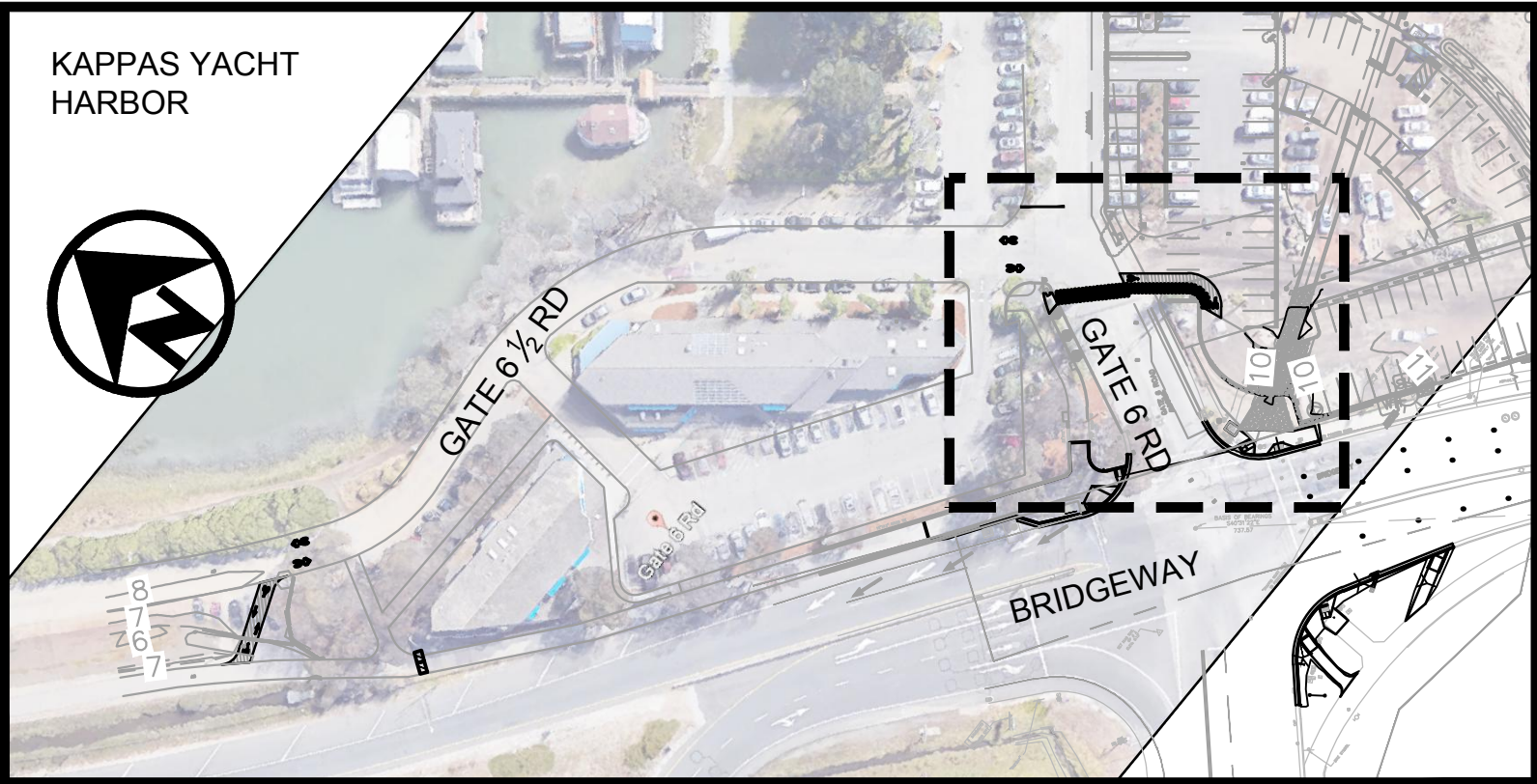
REGISTERED PROFESSIONAL ENGINEER
JASON J. LING
C60493
EXP. 6/30/20
CIVIL
STATE OF CALIFORNIA

10/12/18

GATE 6 INTERSECTION IMPROVEMENTS	
STAGE CONSTRUCTION PLAN	
DATE:	10/12/2018
SCALE:	AS SHOWN
DRAWN BY:	MLK
PROJECT NO:	CML5098(012)
SHEET	
C-3.3	
15 OF 25 SHEETS	

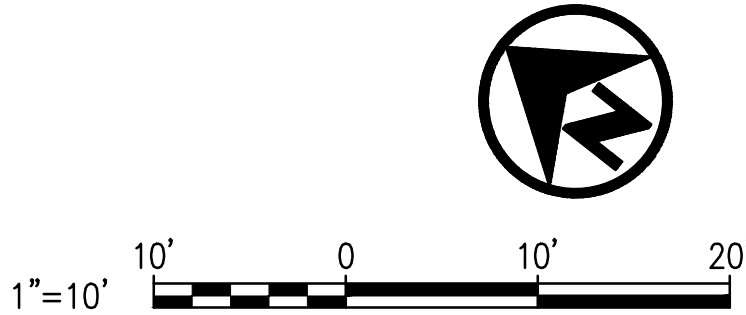


A
C-3.4 TEMPORARY DETOUR PLAN
SCALE: 1" = 10'



- LEGEND:**
- SHARED ROAD MARKING
 - RECOMPACT EXISTING BASE COURSE AND INSTALL 10' WIDE, 2" THICK AC PATHWAY
 - TEMPORARY DELINEATION
 - SIGN

- NOTES:**
1. PROVIDE NEW AC RAMP, CONNECTING STREET TO PAVED PATH. STRAIGHT GRADE FROM STREET TO EXISTING PATH.
 2. PROVIDE FLAGGERS TO PRECLUDE LONG VEHICLE QUEUES AT PEAK BICYCLE HOURS. SEE SPECIFICATIONS.



REVISIONS	
1	SIDEWALK GRADING REVISED

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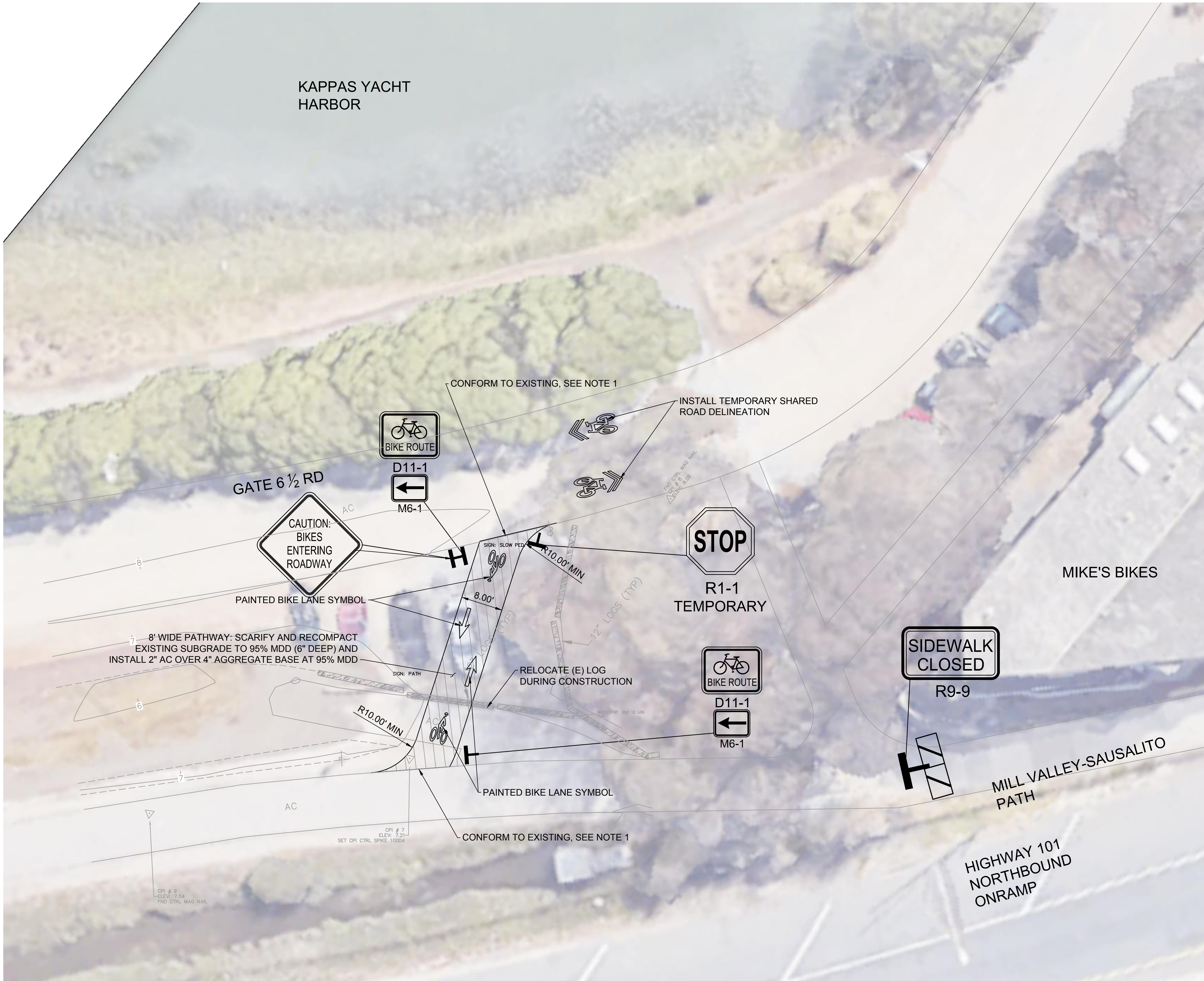
10/12/18

GATE 6 INTERSECTION IMPROVEMENTS

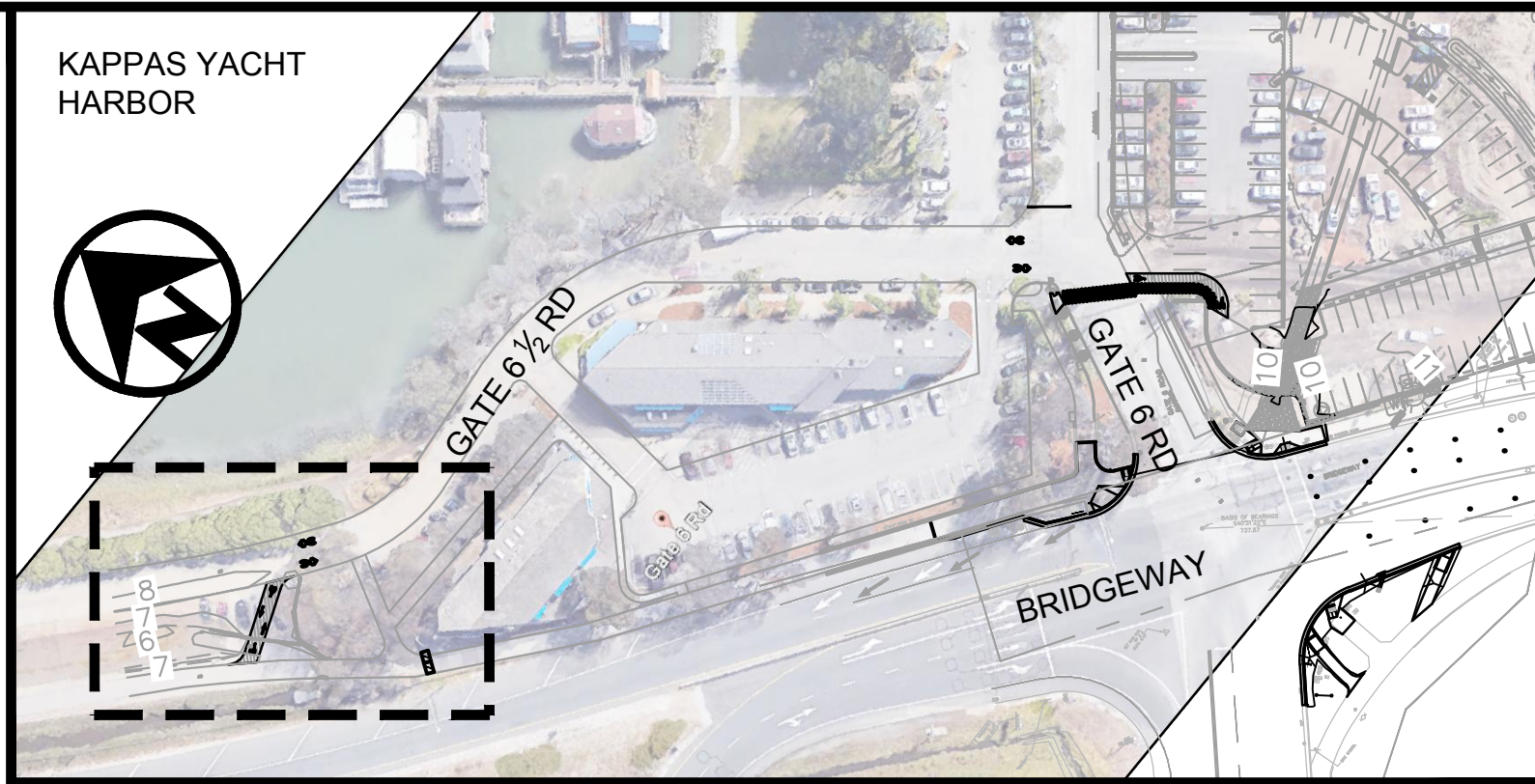
TEMPORARY DETOUR PLAN

DATE:	10/12/2018
SCALE:	AS SHOWN
DRAWN BY:	MLK
PROJECT NO:	CML5098(012)
SHEET	
C-3.4	
16 OF 25 SHEETS	

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A
C-3.5 **TEMPORARY DETOUR PLAN**
SCALE: 1" = 10'

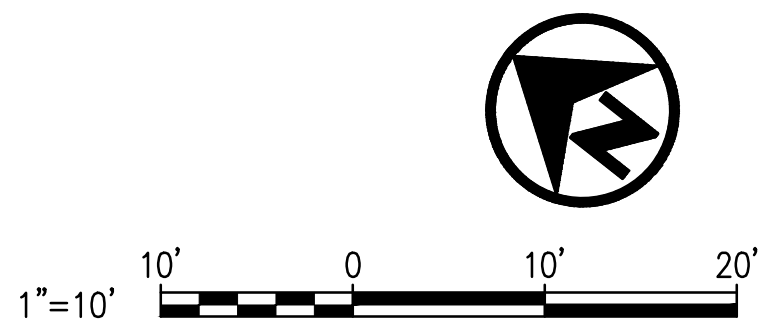


LEGEND:

- SHARED ROAD MARKING
- AC PATHWAY
- TEMPORARY DELINEATION
- TYPE III BARRICADE
- SIGN

NOTE:

1. TEMPORARY PATHWAY TO CONFORM TO EXISTING PAVEMENT WITH SLOPE NOT MORE THAN 5%.
2. REMOVE AC PAVEMENT AT COMPLETION OF WORK AND RETURN SITE TO ORIGINAL CONDITION.



REVISIONS	
1	SIDEWALK GRADING REVISED

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10/12/18

GATE 6 INTERSECTION IMPROVEMENTS	TEMPORARY DETOUR PLAN
DATE:	10/12/2018
SCALE:	AS SHOWN
DRAWN BY:	MLK
PROJECT NO:	CML5098(012)
SHEET	
C-3.5	
17 OF 25 SHEETS	

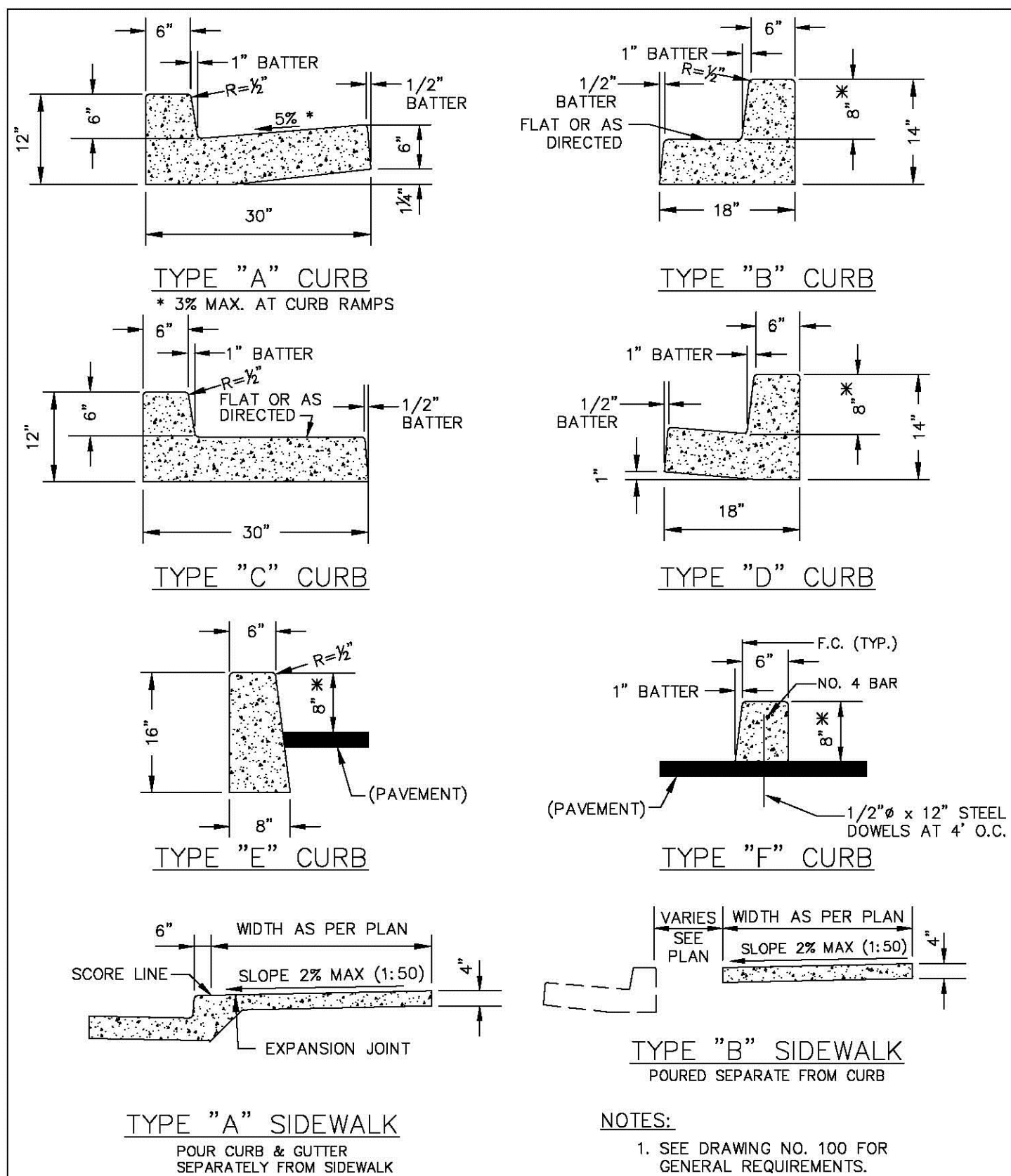
- EXISTING CONCRETE SHALL BE REMOVED AT EXPANSION OR WEAKENED PLANE JOINTS OR AT SAWCUTS AS FIELD MARKED BY AGENCY ENGINEER. SAWCUTS MUST GO ENTIRELY THROUGH CONCRETE.
- FOR NEW DEVELOPMENT, NO UTILITY BOXES OR POLES WILL BE PERMITTED IN THE SIDEWALK AREA WITHOUT THE PRIOR WRITTEN APPROVAL OF THE AGENCY ENGINEER.
- WHERE UNDERCUT SUBGRADE OR UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED, THE AGENCY ENGINEER MAY REQUIRE REMEDIAL WORK TO BE DONE, INCLUDING OVER EXCAVATION AND BACKFILLING WITH CRUSHED ROCK AND, WHEN DIRECTED BY THE ENGINEER, PLACING GEOTEXTILE FABRIC BENEATH THE NEW CONCRETE SECTION.
- SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION IN THE TOP SIX INCHES.
- NEW WORK SHALL MATCH EXISTING AS CLOSELY AS POSSIBLE IN FINISH, SCORING AND COLOR. FOR NEW INSTALLATIONS PLACED ADJACENT TO EXISTING, 2LB. DAVIS BLACK #8084 (OR EQUIVALENT) PER CU. YD. CONCRETE SHALL BE ADDED TO MIX.
- EXCEPT WHERE SPECIFIED OTHERWISE HEREIN, NO ADMIXTURES SHALL BE USED WITHOUT THE PERMISSION OF THE AGENCY ENGINEER.
- FORMS SHALL MEET GRADE AND FORM FACES SHALL NOT VARY FROM THE DIMENSIONS SHOWN BY MORE THAN 1/2 INCH.
- NO CONCRETE SHALL BE PLACED UNTIL THE AGENCY ENGINEER HAS INSPECTED AND APPROVED FORMS AND SUBGRADE/BASE.
- SUBGRADE/BASE SHALL BE THOROUGHLY WETTED IMMEDIATELY PRIOR TO PLACING CONCRETE.
- CONCRETE SHALL BE A MINIMUM CLASS B (5 SACK MIX) WITH 1 INCH MAXIMUM AGGREGATE FROM AN APPROVED MIXING PLANT. NO BAGGED MIX IS PERMITTED.
- CONCRETE SHALL HAVE A SLUMP OF NOT MORE THAN FOUR INCHES.
- FOR SIDEWALKS AND DRIVEWAY APPROACHES, 1/4 INCH DEEP SCORE LINES SHALL BE PLACED AT FOUR FEET ON CENTER OR AS DIRECTED BY THE AGENCY ENGINEER.
- WEAKENED PLANE JOINTS AT LEAST 3/4" DEEP SHALL BE PLACED AT A MINIMUM 16 FEET ON CENTER EXCEPT FOR SIDEWALKS AND DRIVEWAY APPROACHES WHICH SHALL BE A MINIMUM 5 FEET ON CENTER.
- 3/8 INCH THICK EXPANSION JOINTS SHALL BE PLACED ON BOTH SIDES OF DRIVEWAY APPROACHES, AT CURB AND SIDEWALK RETURN POINTS, DRAINAGE STRUCTURES AND OTHER LOCATIONS AS SHOWN ON THE PLANS.
- ALL EXPOSED EDGES SHALL BE ROUNDED WITH 1/2 INCH RADIUS TOOL.
- ALL FLAT SURFACES SHALL BE LIGHT BROOM FINISHED UNLESS OTHERWISE SPECIFIED BY AGENCY ENGINEER.
- CURBS, SIDEWALKS AND DRIVEWAY APPROACHES SHALL HAVE FORMS REMOVED AND BE BACKFILLED WITHIN SEVEN DAYS AFTER POURING.
- THE DESIGNATED DIMENSIONS AND SLOPES MAYBE MODIFIED TO ACCOMMODATE EXISTING ADJACENT FACILITIES SUBJECT TO THE APPROVAL OF THE AGENCY ENGINEER.

UNIFORM STANDARDS ALL CITIES AND COUNTY OF MARIN	REQUIREMENTS FOR CONCRETE CURB, GUTTER, SIDEWALK, DRIVEWAY AND OTHER "FLATWORK"				MAY 2008
					DWG. NO.
		REV.	DATE	BY	100

CURB, GUTTER, SIDEWALK, DRIVEWAY AND OTHER FLATWORK DETAILS

A
C-4.1

SCALE: N.T.S.

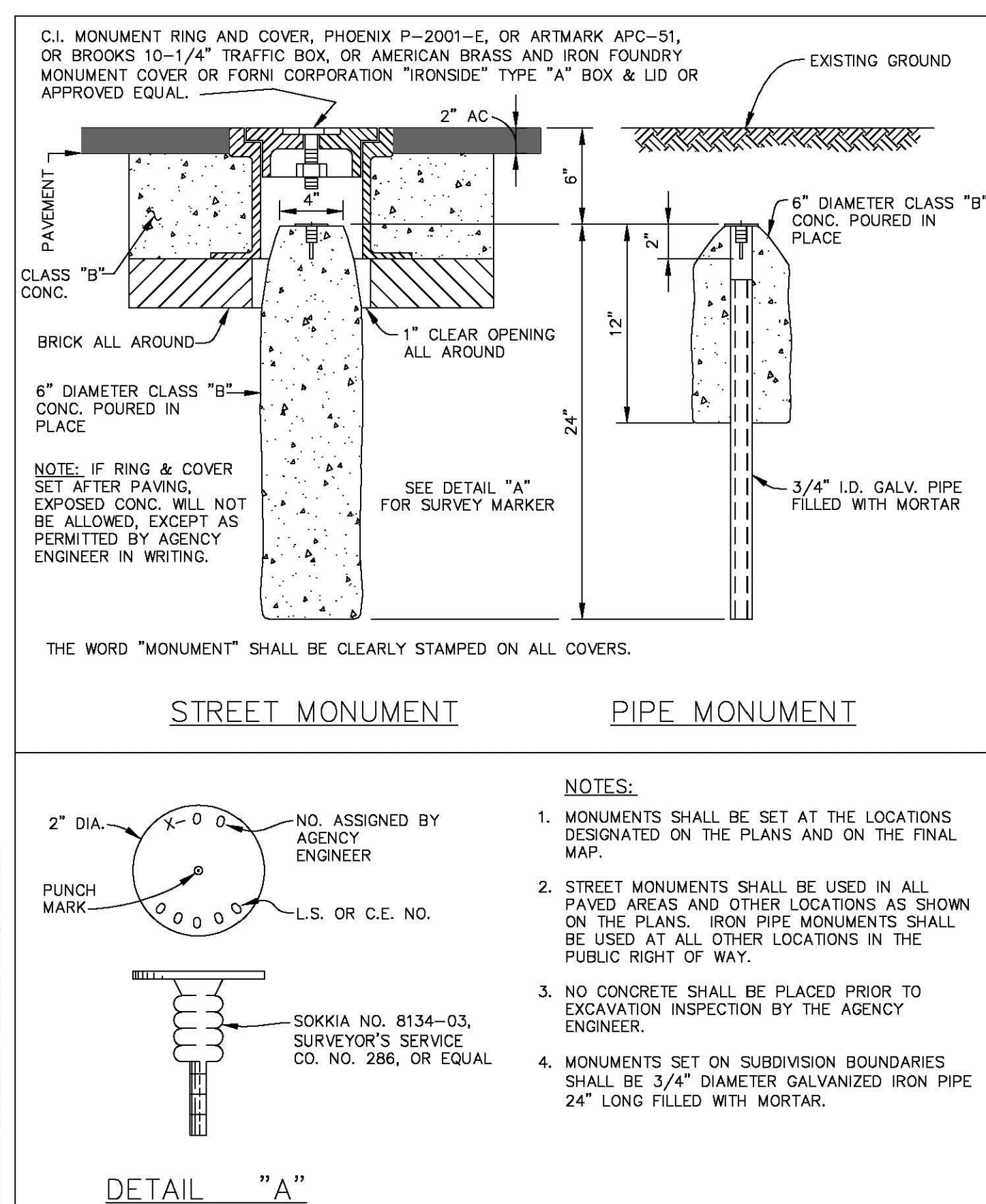


UNIFORM STANDARDS ALL CITIES AND COUNTY OF MARIN	CURB, GUTTER AND SIDEWALK DETAILS				MAY 2008
					DWG. NO.
		REV.	DATE	BY	105

CURB, GUTTER AND SIDEWALK DETAILS

B
C-4.1

SCALE: N.T.S.

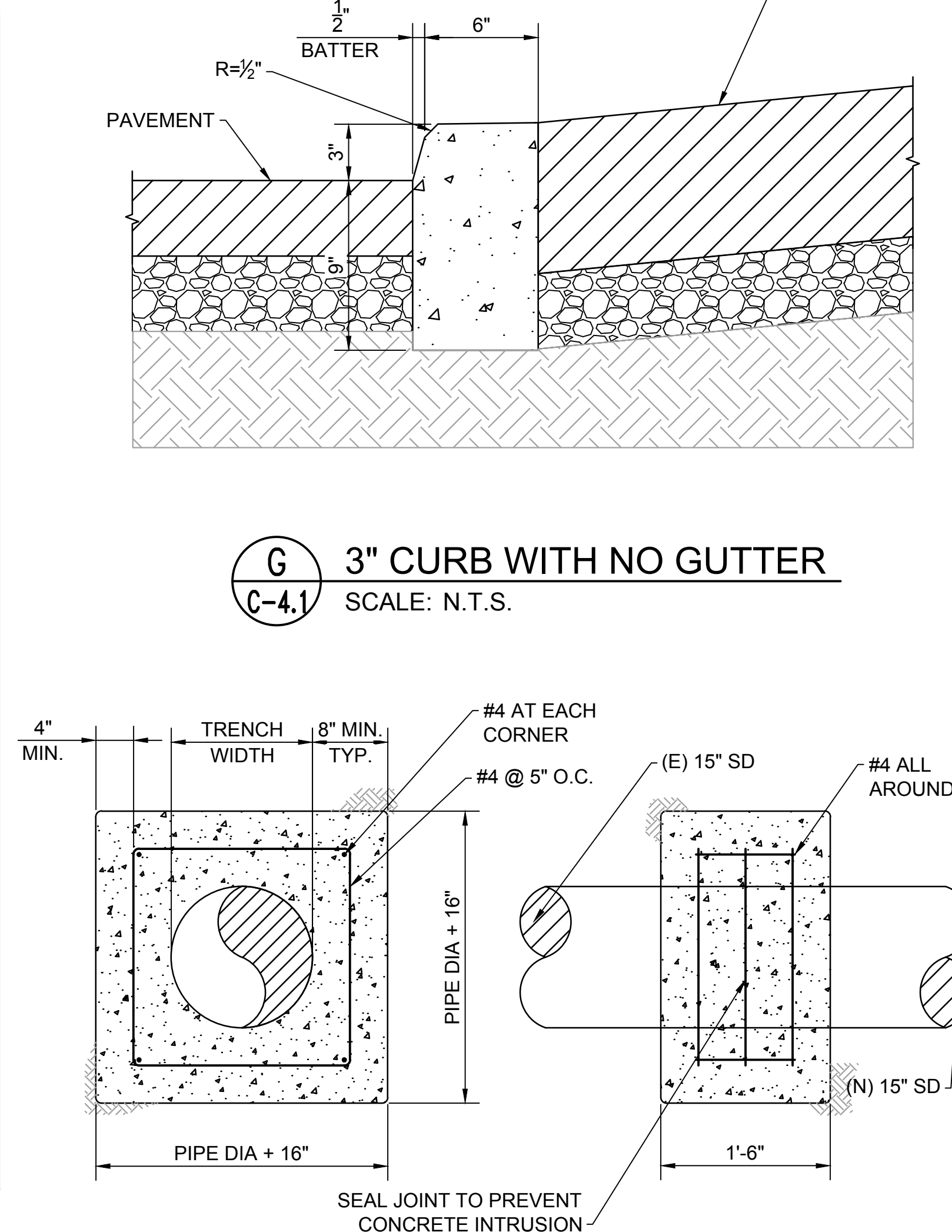


UNIFORM STANDARDS ALL CITIES AND COUNTY OF MARIN	MONUMENTS				MAY 2008
					DWG. NO.
		REV.	DATE	BY	300

MONUMENT DETAILS

C
C-4.1

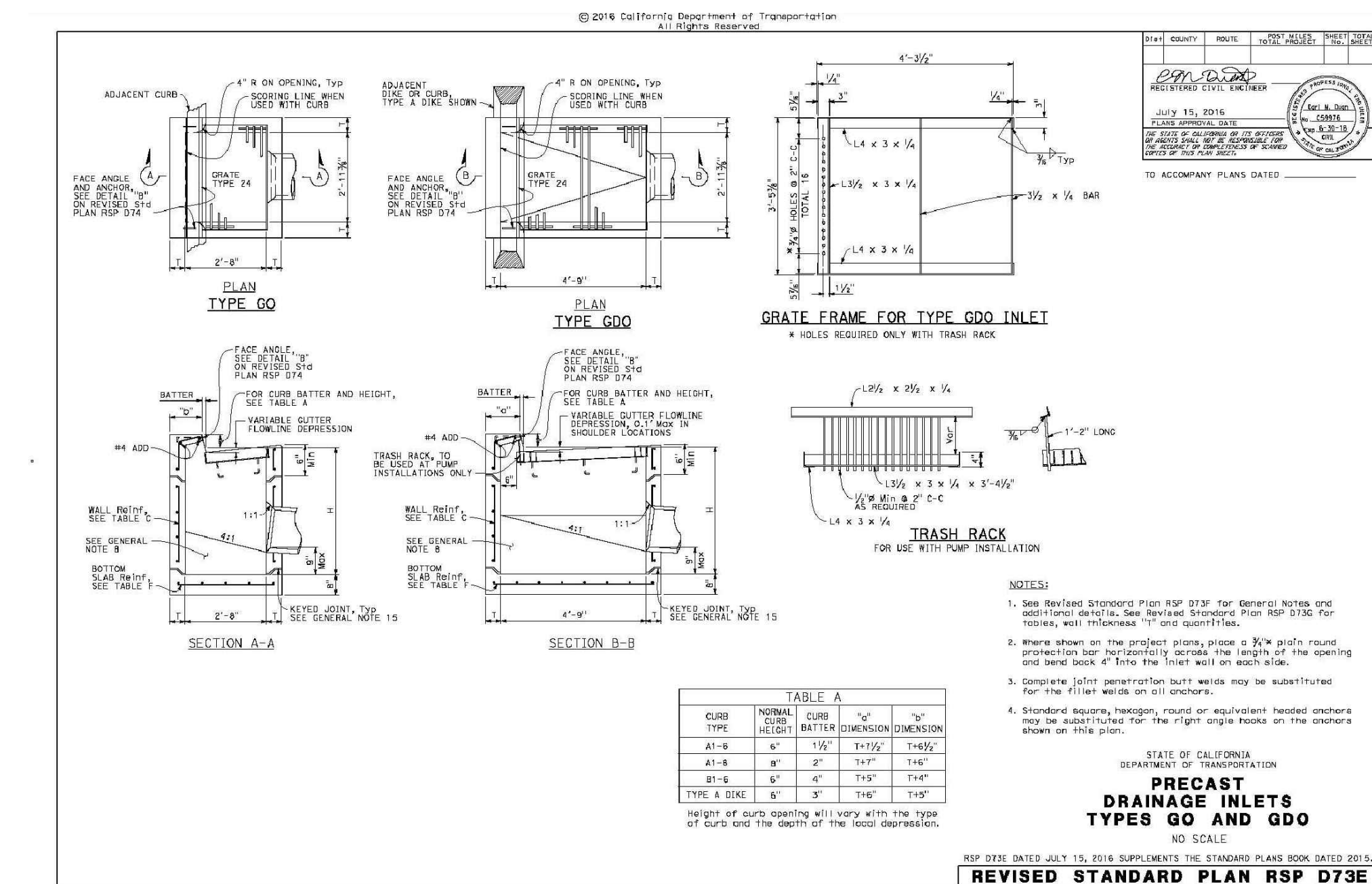
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STORM DRAIN CONCRETE COLLAR DETAIL

H
C-4.1

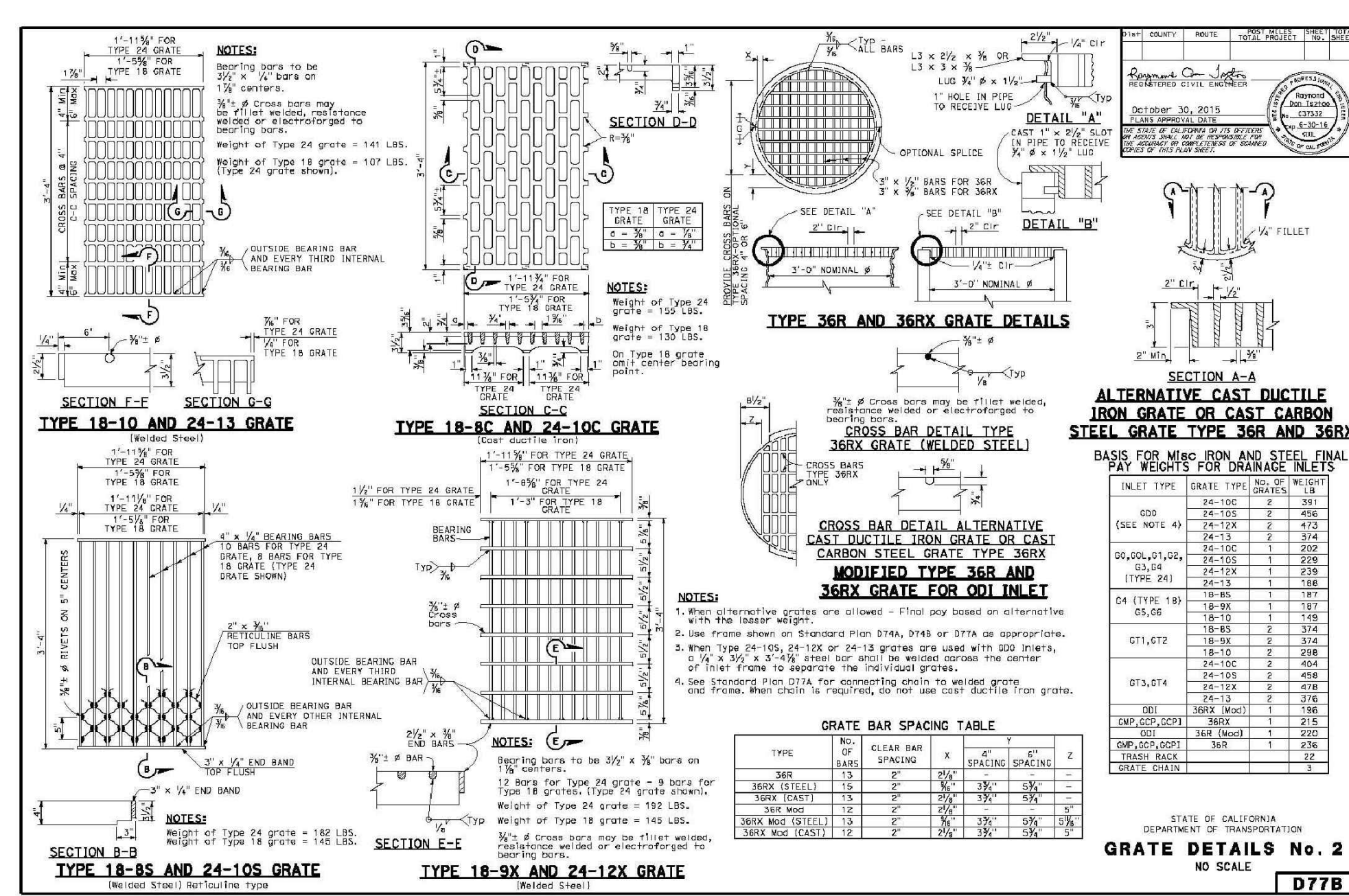
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DRAINAGE INLET DETAILS

D
C-4.1

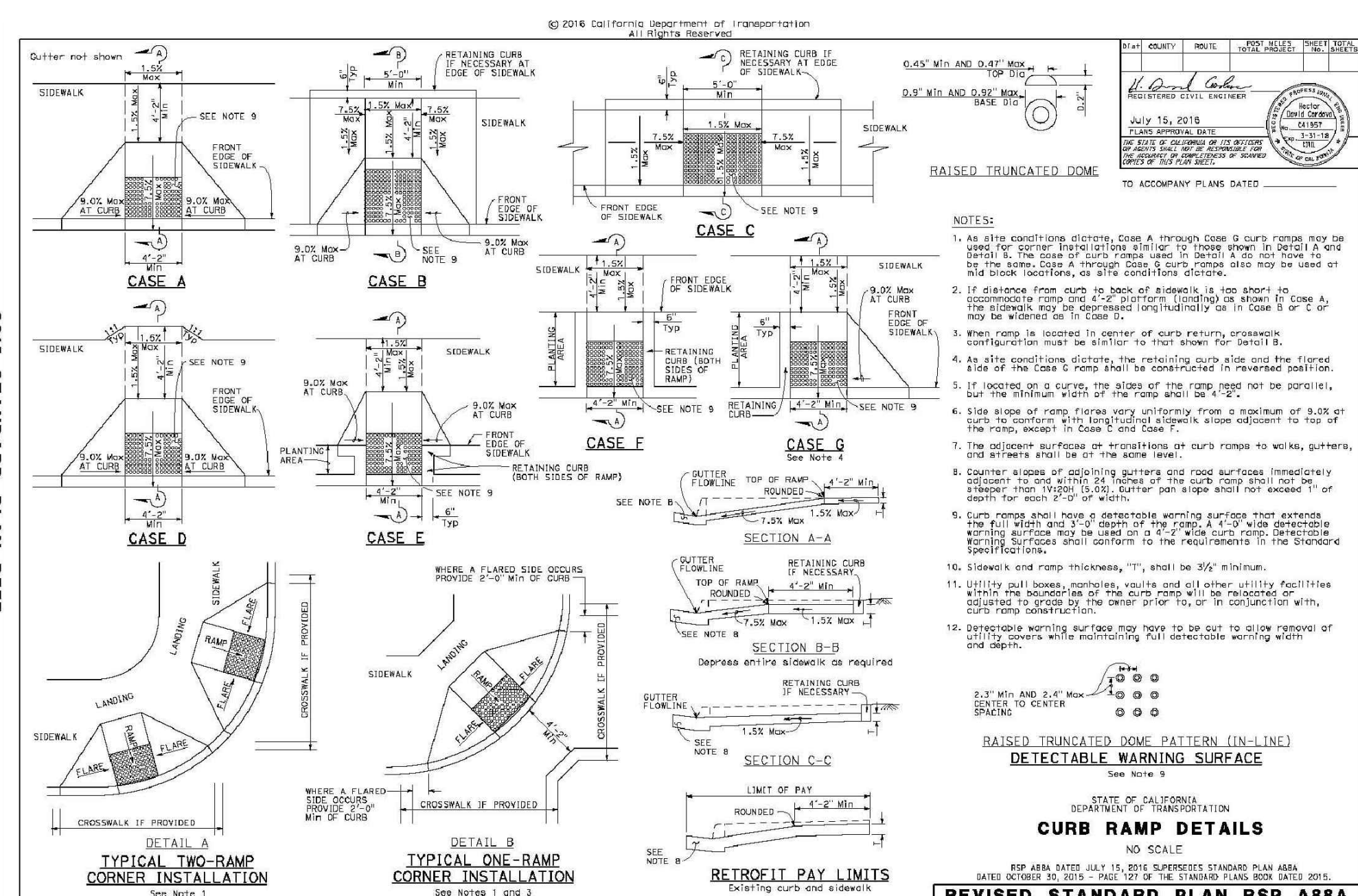
SCALE: N.T.S.



GRATE DETAILS

E
C-4.1

SCALE: N.T.S.



CURB RAMP DETAILS

F
C-4.1

SCALE: N.T.S.

NOTE:
REGARDING DETECTABLE SURFACE, SEE
GENERAL NOTE 39 ON G-1.1.

REVISIONS

1	SIDEWALK GRADING REVISED
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GATE 6 INTERSECTION
IMPROVEMENTS

CIVIL DETAILS

DATE: 10/12/2018

SCALE: AS SHOWN

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PROJECT NO: CML5098(012)

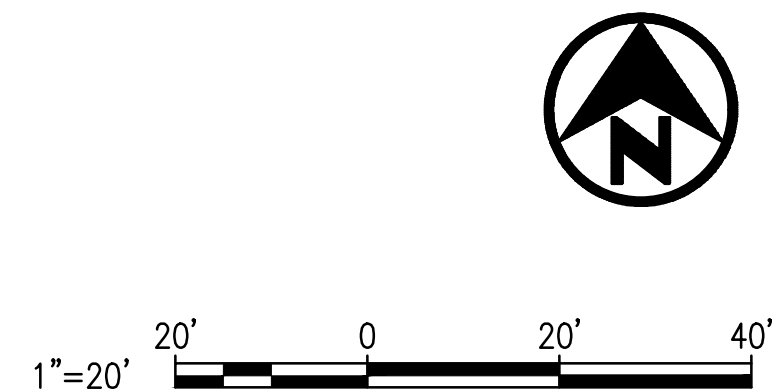
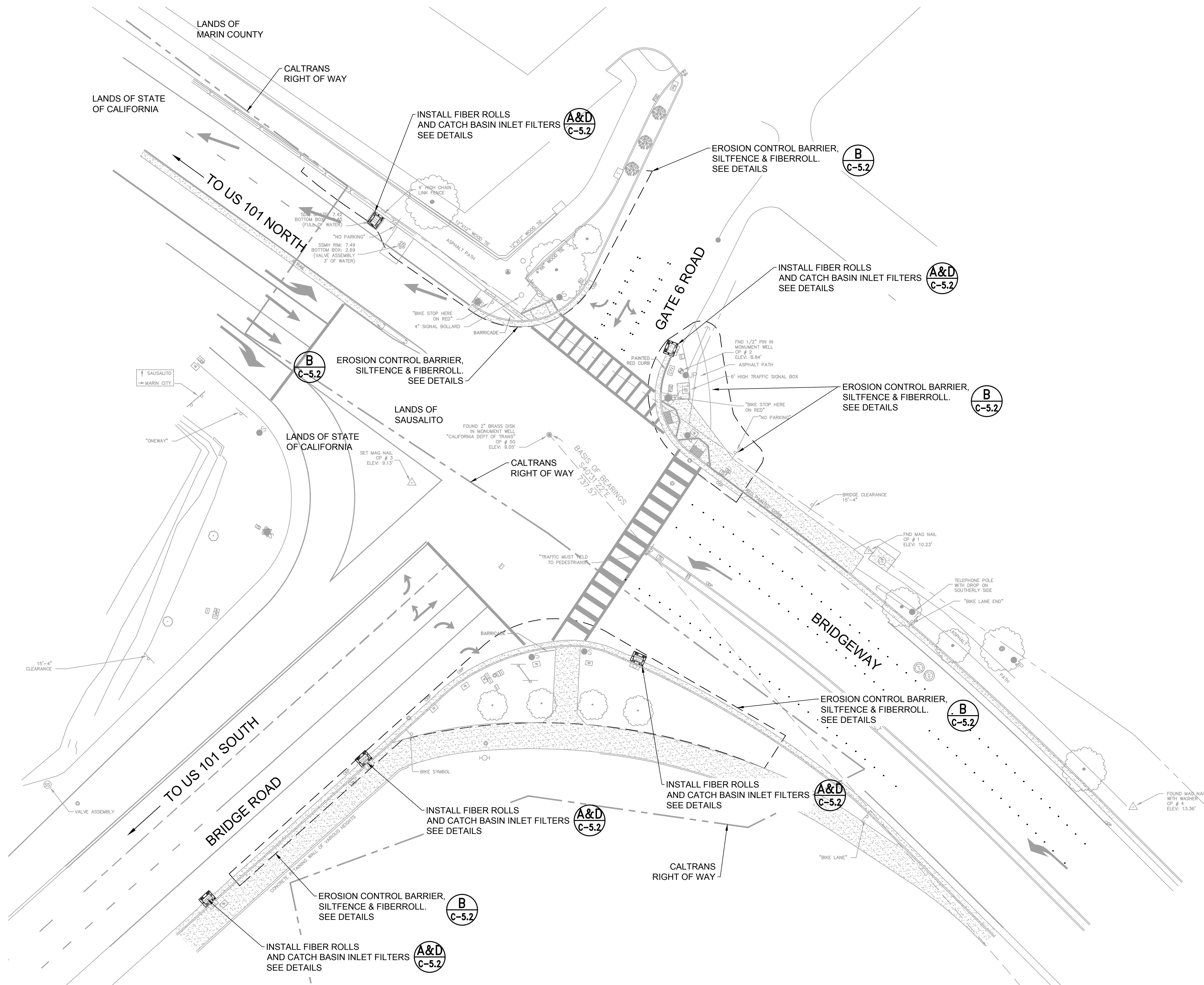
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18 OF 25 SHEETS

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A
C-5.1 **EROSION CONTROL**
SCALE: 1" = 20'

REVISIONS	
1	SIDEWALK GRADING REVISED



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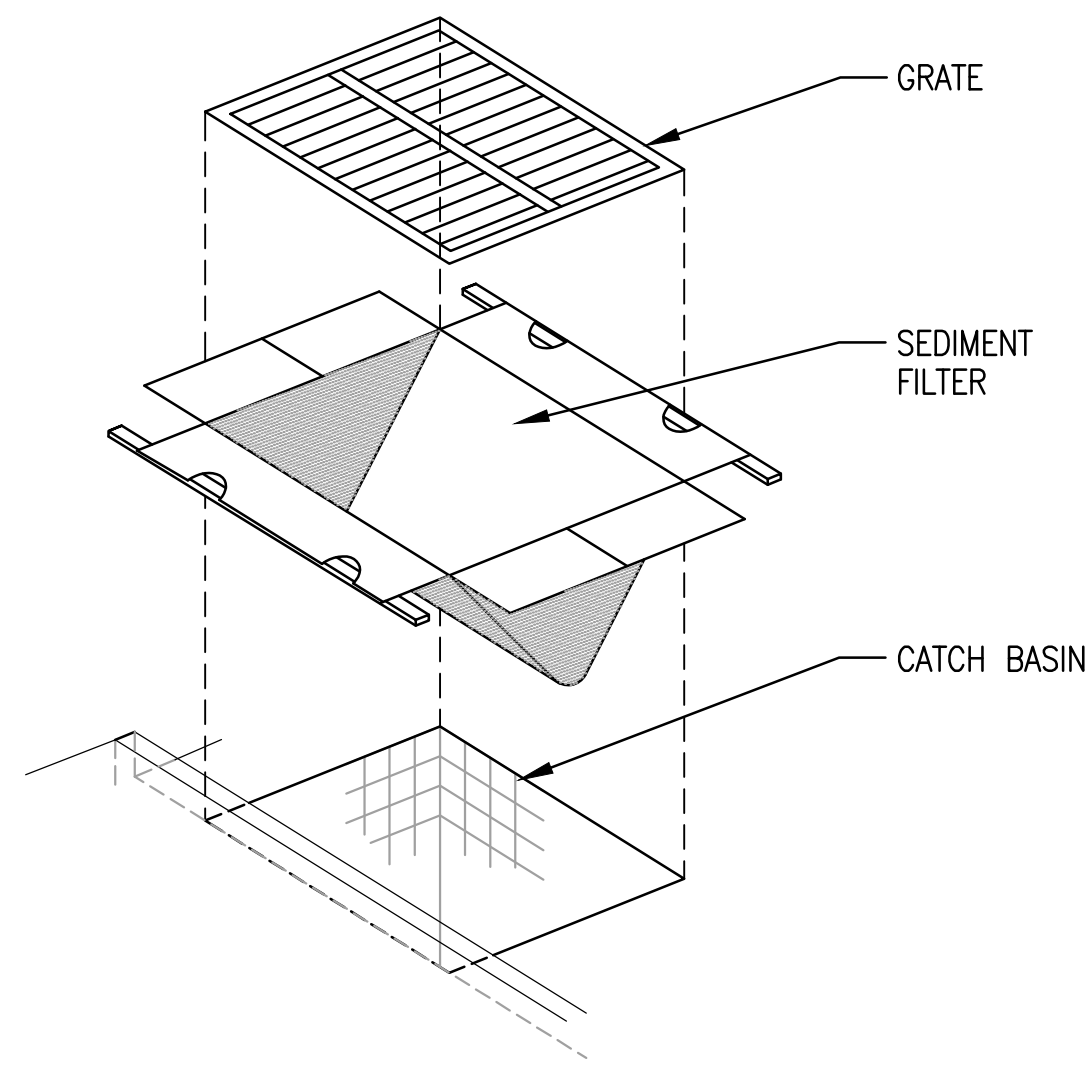


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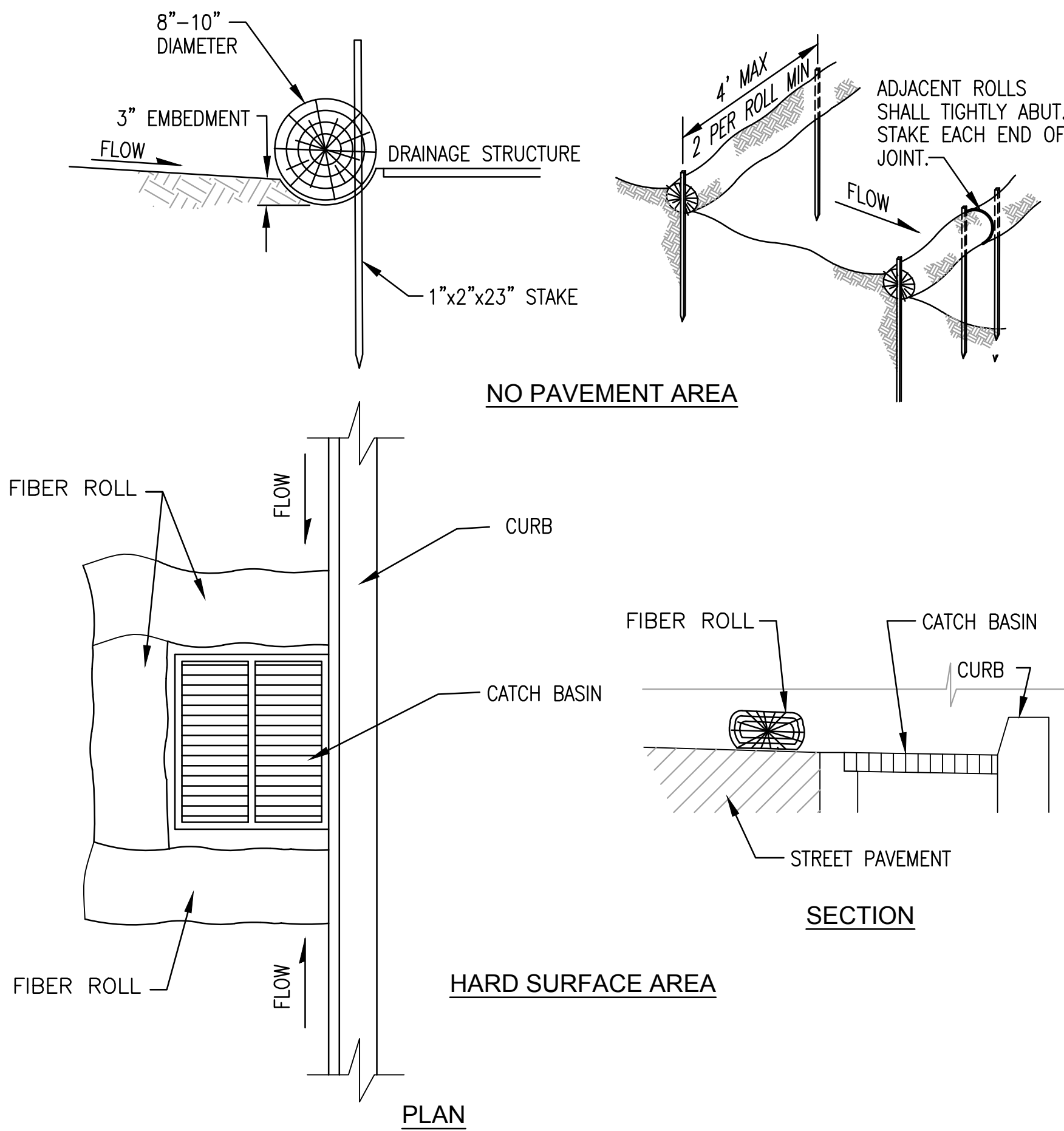
GATE 6 INTERSECTION IMPROVEMENTS	EROSION CONTROL PLAN
DATE:	10/12/2018
SCALE:	AS SHOWN
DRAWN BY:	MLK
PROJECT NO:	CML5098(012)
SHEET	
C-5.1	
19 OF 25 SHEETS	

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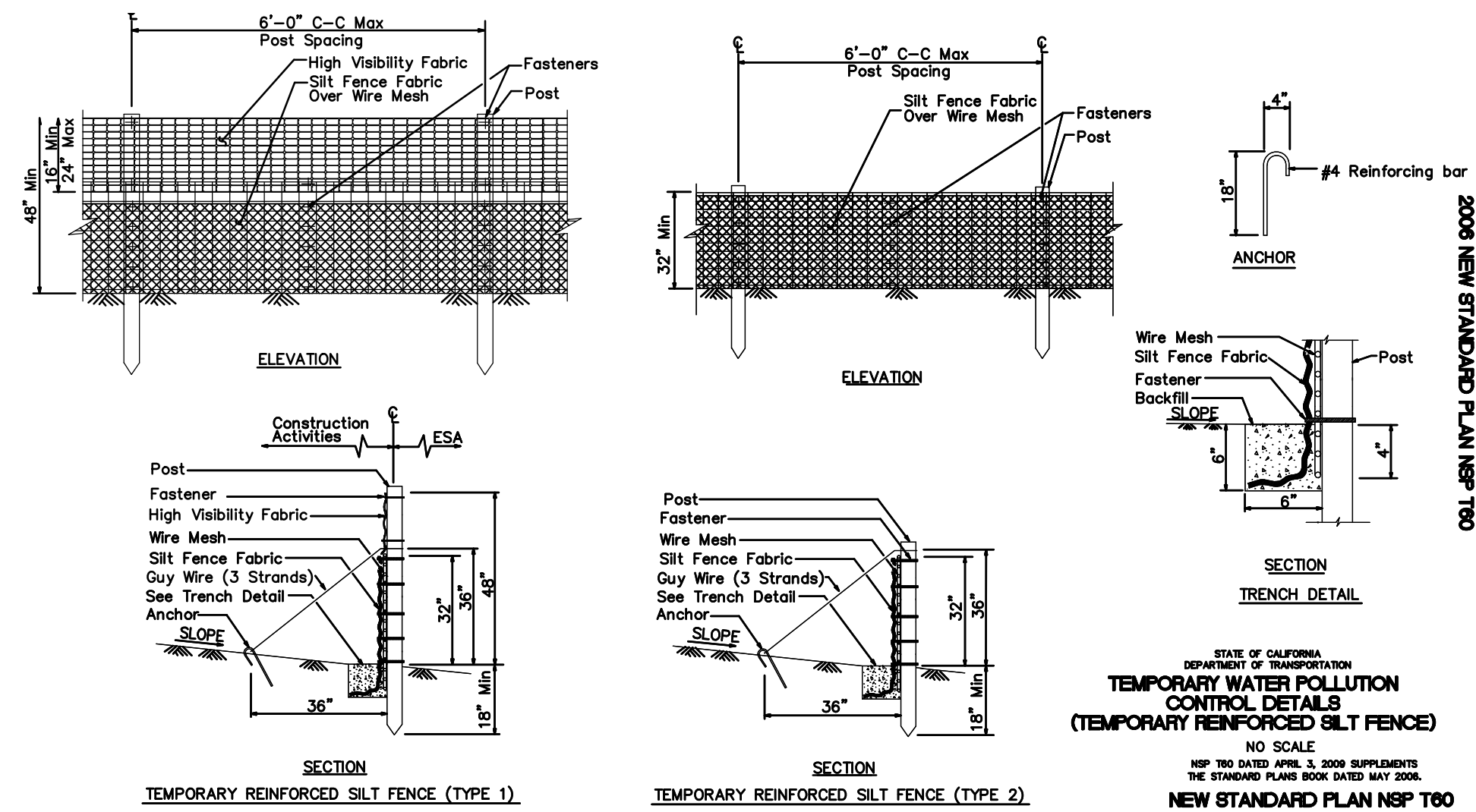
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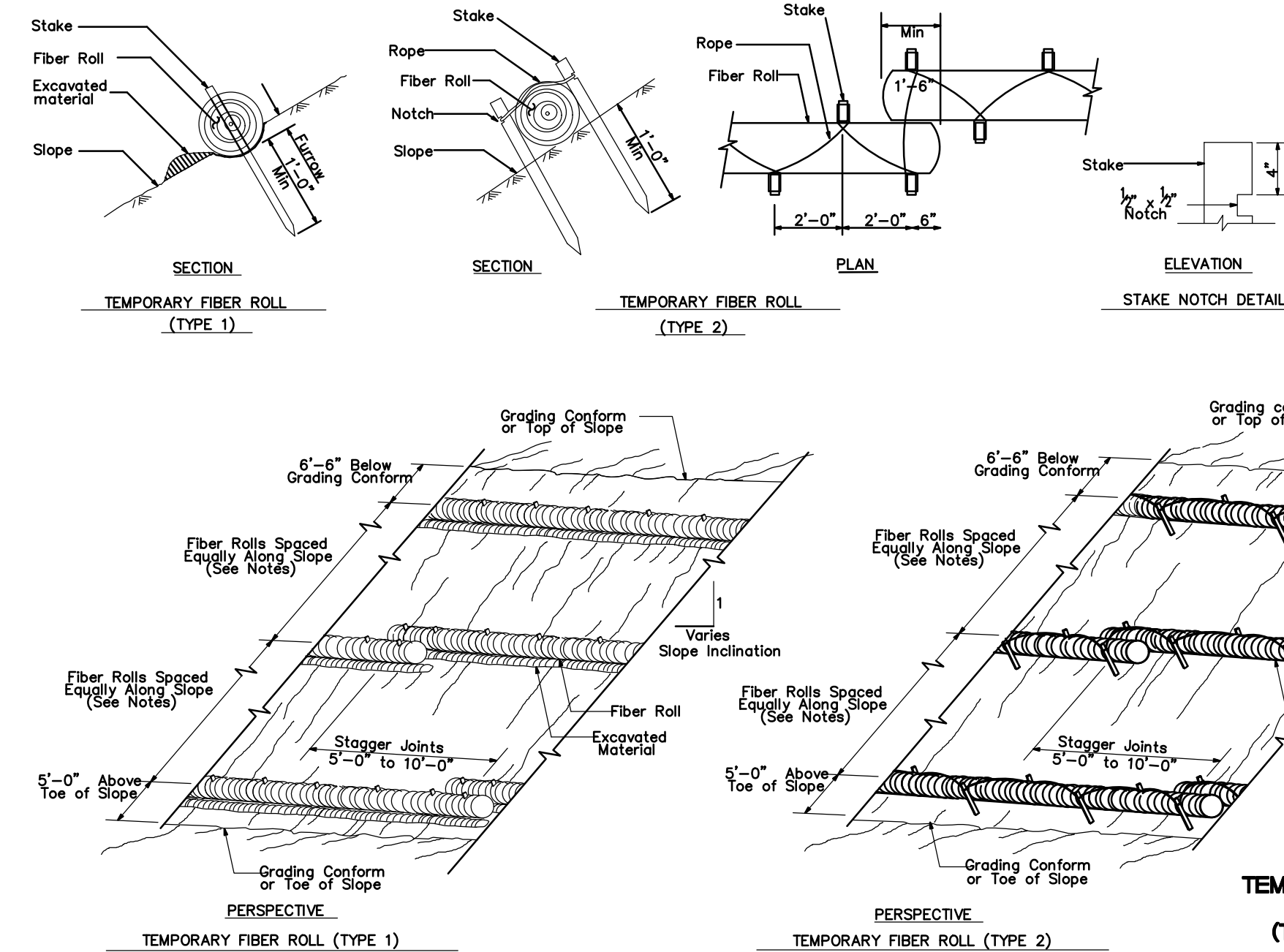
A INLET FILTER DETAIL
C-5.2 SCALE: N.T.S.



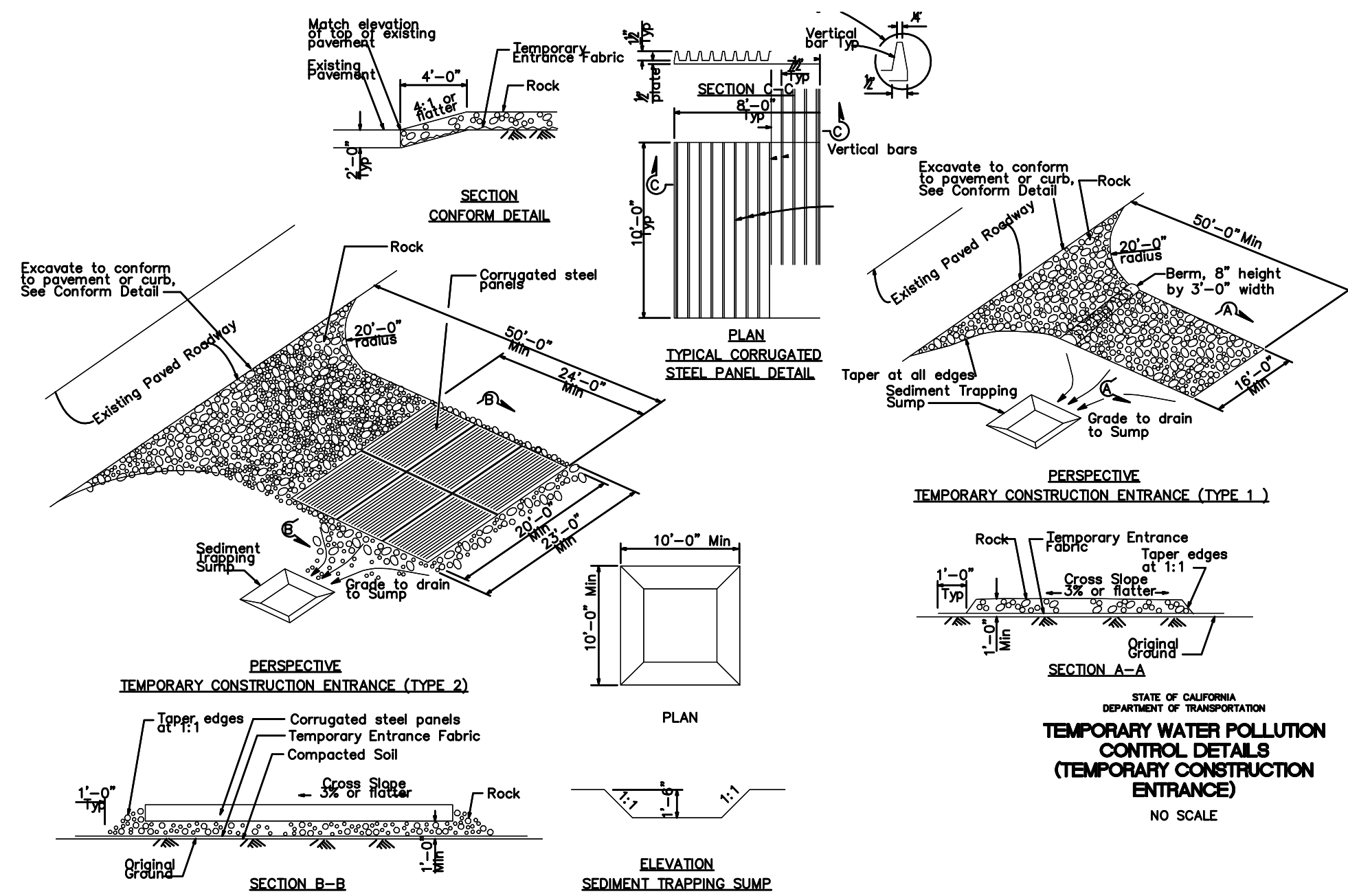
D FIBER ROLL DETAILS
C-5.2 SCALE: N.T.S.



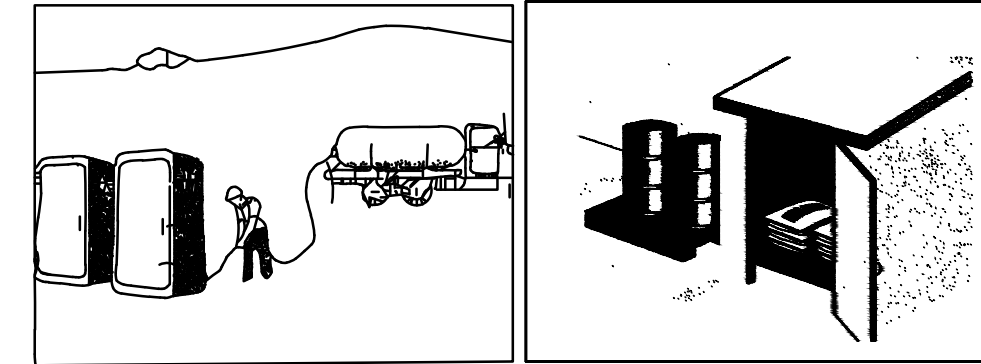
B TEMPORARY REINFORCED SILT FENCE
C-5.2 SCALE: N.T.S.



E TEMPORARY FIBER ROLL
C-5.2 SCALE: N.T.S.



C TEMPORARY CONSTRUCTION ENTRANCE
C-5.2 SCALE: N.T.S.



- Storage and Disposal Procedures
- Temporary sanitary facilities should be located away from drainage facilities, watercourses, and from traffic circulation. When subjected to high winds or risk of high winds, temporary sanitary facilities should be secured to prevent overturning.
 - Wastewater should not be discharged or buried within the project site.
 - Only reputable, professional sanitary and septic waste haulers should be used. Sanitary facilities should be located in a convenient location. Untreated raw wastewater should never be discharged or buried. If using an onsite disposal system (septic), such as a septic system, State of CA Department of Health requirements must be followed.
 - Temporary septic systems should treat wastes to appropriate levels before discharging. Temporary sanitary facilities that discharge to the sanitary sewer system should be properly connected to avoid illicit discharges.
 - Sanitary and septic facilities should be maintained in good working order by a professional service.
 - Regular waste collection by a professional hauler should be arranged before facilities overflow.

- Material Storage Procedures
- Liquids, petroleum products, and substances listed in 40 CFR Parts 110, 117, or 302 should be stored in approved containers and drums and should not be overfilled. Containers and drums should be placed in temporary containment facilities for storage.
 - A temporary containment facility should provide for a spill containment volume able to contain precipitation from a 25 year storm event, plus the greater of 10% of the aggregate volume of all containers or 100 of the capacity of the largest container within its boundary, whichever is greater.
 - A temporary containment facility should be impervious to the materials stored therein for a minimum contact time of 72 hours.
 - A temporary containment facility should be maintained free of accumulated rainwater and spills. In the event of spills or leaks, accumulated rainwater and spills should be collected and placed into drums. These liquids should be handled as a hazardous waste unless testing determines them to be non-hazardous. All collected liquids or non-hazardous liquids should be sent to an approved disposal site.
 - Sufficient separation should be provided between stored containers to allow for spill cleanup and emergency response access.
 - Incompatible materials, such as chrome and ammonia, should not be stored in the same temporary containment facility.
 - Materials should be covered prior to, and during rain events.
 - Materials should be stored in their original containers and the original product labels should be maintained in place in a legible condition. Damaged or otherwise illegible labels should be replaced immediately.

F CHEMICAL & WASTE MANAGEMENT
C-5.2 SCALE: N.T.S.

REVISIONS

NO.	DESCRIPTION
1	SIDEWALK GRADING REVISED

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GATE 6 INTERSECTION
IMPROVEMENTS
EROSION CONTROL DETAILS

DATE: 10/12/2018
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PROJECT NO: CML5098(012)
SHEET

C-5.2
20 OF 25 SHEETS

ELECTRICAL INDEX

E-1 ELECTRICAL INDEX, NOTES, ABBREVIATIONS AND LEGEND
E-2 TO E-4 MODIFYING EXISTING ELECTRICAL SYSTEM
E-5 ELECTRICAL DETAILS

GENERAL NOTES

1. NO ABOVE GROUND ELECTRICAL WORK SHALL BE PERFORMED ON ANY SYSTEM WITHIN THE PROJECT SITE UNTIL ALL CONTRACTOR-FURNISHED ELECTRICAL MATERIALS FOR THAT INDIVIDUAL SYSTEM HAVE BEEN TESTED AND DELIVERED TO CONTRACTOR.
2. THE NEUTRAL CONDUCTOR SHALL RUN FROM THE SERVICE EQUIPMENT ENCLOSURE TO THE CONTROLLER CABINET WITHOUT SPLICING TO ANY OTHER NEUTRAL CONDUCTOR.
3. THE CLEARANCE BETWEEN THE BOTTOM OF THE LOWEST CIRCUIT BREAKER AND THE BOTTOM OF THE SERVICE EQUIPMENT ENCLOSURE FOR A TYPE III-A SERIES SHALL BE 24 INCHES MINIMUM.
4. WHERE ONE OR MORE TRAFFIC SIGNAL DETECTOR(S) CONSIST OF A SEQUENCE OF 4 LOOPS IN A SINGLE LANE, THE FRONT LOOP CLOSEST TO THE LIMIT LINE OR CROSSWALK SHALL BE LOCATED 1 FOOT FROM THE LINE. THE SET OF 3 LOOPS OR 4 LOOPS ASSIGNED TO THE SAME LOOP DETECTOR LEAD-IN CABLE (DLC) SHALL BE CONNECTED IN SERIES FOR TRAFFIC SIGNAL SYSTEM ONLY AND NOT FOR RAMP METERING SYSTEM.
5. COLOR CODING OF TRAFFIC SIGNAL CONDUCTOR FOR OVERLAP PHASES, SEE DETAIL F ON SHEET E-4.
6. AT LEAST THREE WORKING DAYS PRIOR TO PERFORMING ANY WORK ON EACH EXISTING SYSTEM, THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF TRANSPORTATION, ELECTRICAL AND SIGNAL MAINTENANCE SUPERINTENDENT, PHONE (415) 330-6500.
7. COUPLING NUTS MUST BE USED ON TYPE 1-B STANDARD.
8. TRAFFIC SIGNAL MUST BE IN OPERATION DURING CONSTRUCTION, EXCEPT OTHERWISE NOTED ON THE PLANS OR SPECIAL PROVISIONS.
9. BOTH CITY AND CALTRANS REPRESENTATIVES SHALL BE PRESENT DURING THE MARKING OF LOCATION OF POLES, CABINETS, DETECTOR LOOPS AND ETC.
10. R3-1 ACTIVATED BLANK-OUT LED SIGN SHALL BE MANUFACTURED BY MCCAIN, SIGN TECHNOLOGIES, TAPCO TRAFFIC AND PARKING CONTROL COMPANY OR APPROVED EQUAL.
11. ONE SPARE VIDEO DETECTION CAMERA MUST BE DELIVERED TO CALTRANS.
12. ONE SPARE R3-1 ACTIVATED BLANK-OUT LED SIGN MUST BE DELIVERED TO THE CITY CORPORATION YARD.

ABBREVIATIONS

ADA AMERICANS WITH DISABILITIES ACT
AT&T AMERICAN TELEPHONE AND TELEGRAPH
CCU CAMERA CONTROL UNIT
PG&E PACIFIC GAS AND ELECTRIC
TOU TIME-OF-USE METER

LEGEND

- 1 FURNISH AND INSTALL TYPE III-AF SERVICE EQUIPMENT ENCLOSURE.
- 2

RS

 MODEL 170E CONTROLLER UNIT. INSTALL DEPARTMENT-FURNISHED MODEL 2070 CONTROLLER UNIT IN EXISTING MODEL 332 CABINET. INSTALL DEPARTMENT-FURNISHED LOAD SWITCH FOR Ø3 BIKE PHASE, GPS CLOCK AND VIDEO DETECTION CONTROL UNIT.
- 3 INSTALL 3-SECTION BICYCLE SIGNAL HEAD. SEE DETAIL A ON E-3.
- 4 ADJUST EXISTING PULL BOX TO FINAL GRADE.
- 5

RC

 EXISTING PULL BOX. INSTALL A NEW PULL BOX AS INDICATED IN EXISTING CONDUIT RUN.
- 6 EXISTING 2"C, 1 SIC.
- 7 INSTALL VIDEO DETECTION CAMERA ON SMA.
- 8 2"C, 2#10 (120V, R3-1 ACTIVATED BLANK-OUT SIGN).
- 9

RC

 EXISTING NON-ADA PBA.
- 10 INSTALL R3-1 ACTIVATED BLANK-OUT SIGN PER 2014 CA MUTCD REQUIREMENT. SEE GENERAL NOTE 10 ON THIS SHEET.
- 11 EXISTING 2"C, 2 DLC. REMOVE 2 DLC. ADD 2 DLC.
- 12 EXISTING 2"C, 4 DLC. REMOVE 4 DLC. ADD 4 DLC.
- 13 EXISTING 3"C, 8 DLC. REMOVE 8 DLC. ADD 4 DLC.
- 14 EXISTING 2"C, 3#2 (120/240V, SERVICE).
- 15 INSTALL GPS CLOCK IN EXISTING CONTROLLER ASSEMBLY ON THE NORTHWEST CORNER OF BRIDGEWAY AND GATE 5 RD INTERSECTION.
- 16 EXISTING 3"C, 6 DLC. REMOVE 6 DLC. ADD 2 DLC.
- 17 2"C, 3#2 (120/240V, SERVICE).
- 18 MAINTAIN 4' MINIMUM CLEAR PATH BETWEEN PBA POST AND EDGE OF SIDEWALK.
- 19

RC

 3-SECTION VEHICLE SIGNAL HEAD (8"). INSTALL 3-SECTION VEHICLE SIGNAL HEAD (12").
- 20 2"C, 2#6 (120V, CONTROLLER), 2#8 (240V, LIGHTING), 3#14 (120V, PEU).

REVISIONS



420 Lido St.,
Sausalito CA 94965
415-289-4113 tel.



GATE 6 INTERSECTION
IMPROVEMENTS

ELECTRICAL INDEX, NOTES,
ABBREVIATIONS AND LEGEND

DATE: 2/17/17

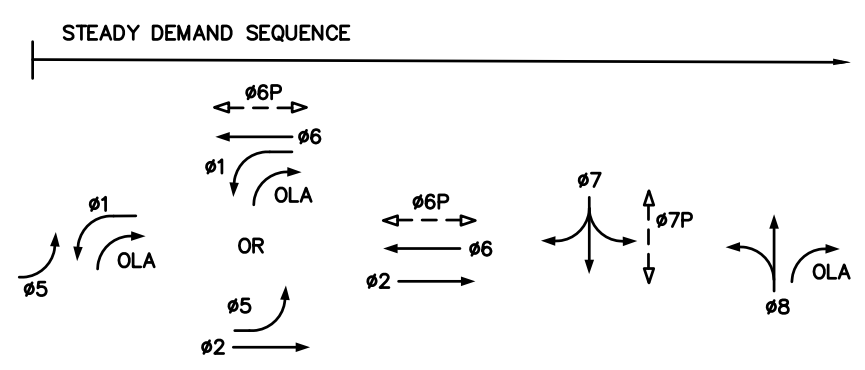
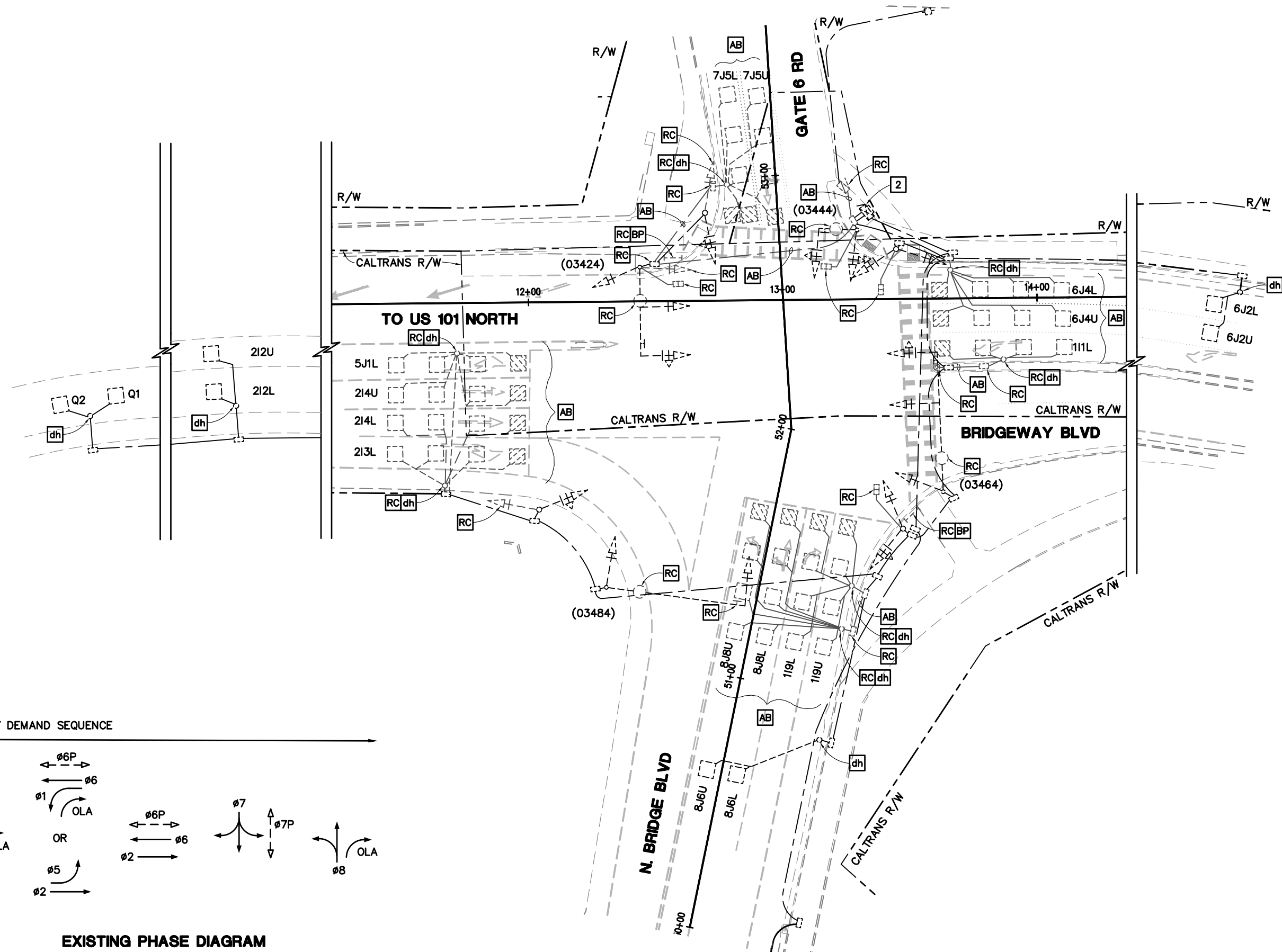
SCALE: NO SCALE

DRAWN BY VRB

PROJECT NO:

SHEET

E-1



EXISTING PHASE DIAGRAM

FOR NOTES, ABBREVIATIONS AND LEGEND,
SEE SHEET E-1

MODIFYING A EXISTING SIGNAL AND LIGHTING SYSTEM
APPROVED FOR ELECTRICAL WORK ONLY

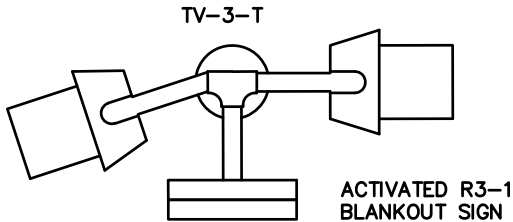
REVISIONS	
 CITY OF SAUSALITO MARIN CO. CALIF. 420 Lido St., Sausalito CA 94965 415-289-4113 tel.	
 Y&C TRANSPORTATION CONSULTANTS, INC. 3250 RAMOS CIRCLE SACRAMENTO, CA 95827	
 REGISTERED PROFESSIONAL ENGINEER KIN Y. CHAN No. 55391 Exp. 12/31/18 CIVIL STATE OF CALIFORNIA	
GATE 6 INTERSECTION IMPROVEMENTS MODIFYING EXISTING ELECTRICAL SYSTEM	
DATE:	2/17/17
SCALE:	1"=20'
DRAWN BY:	VRB
PROJECT NO:	
SHEET	
E-2	
20 OF 23 SHEETS	

CONDUIT AND CONDUCTOR SCHEDULE											
CONDUCTOR SCHEDULE		CONDUIT RUN NUMBER									
		1	2	3	4	5	6	7	8	9	10
No. 14 CONDUCTORS											
Ø1		3	3	3	3	3	3		3	6	3
Ø2		3	3	3	3	3	3		3	6	3
Ø3						3	3		3	6	3
Ø5						3	3	3	6	6	
Ø6								3	6	6	3
Ø7			3	3	3	3	3		3	6	3
Ø8					3	3	3		3	6	3
ØOLA					2	2	2		2	2	
Ø3P					2	2	2	2	4	4	
Ø6P										4	2
APS (Ø3P)						2	2		4	4	
APS (Ø6P)								2	4	4	2
BPB (Ø3)										2	2
SPARE		3	3	3	3	3	3	3	6	6	3
TOTAL No. 14		9	12	12	19	27	27	13	47	68	27
No. 10 CONDUCTORS											
ACTIVATED BLANK-OUT SIGN			2	2	4	4	4	2	4	4	2
No. 8 CONDUCTORS											
LIGHTING (240V)			2	2	2	2	2		2		2
SIGNAL NEUTRAL		1	1	1	1	1	1	1	1	1	1
TOTAL No. 8		1	3	3	3	3	3	1	3	1	3
No. 6 CONDUCTORS											
CONTROLLER (120V)										2	
APS CABLE											
VIDEO DETECTION CABLE			1	1	1	2	2		2	4	1
LOOP DETECTOR LEAD-IN CABLE (DLC)											
Q1/Q2		2	2	2	2	2	2		2	2	
2I2U/2I2L		2	2	2	2	2	2		2	2	
6J2U/6J2L										2	2
8J6U/8J6L				2	2	2	2			2	2
TOTAL LOOP DETECTOR LEAD-IN CABLE		4	4	6	6	6	6		8	10	2
EXISTING (E) / NEW (N)											
CONDUIT SIZE (INCHES)		2	2 1/2	3	3	3	3	3	3	2-4"	3
% FILL		16	23	17	21	27	27	6	35	15	17

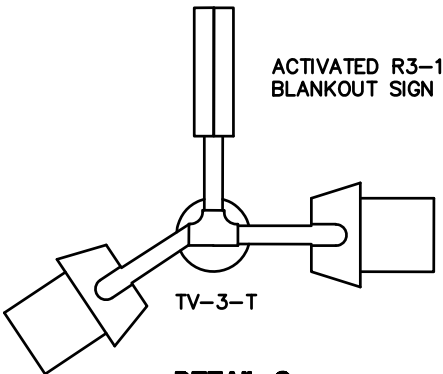
ALL CONDUCTORS/CABLES AS SHOWN ARE NEW.
"–" REMOVE ALL EXISTING CONDUCTORS/CABLES. INSTALL NEW.

POLE AND EQUIPMENT SCHEDULE												
No.	STANDARD			VEH SIG MTG		PED * SIGNAL MTG	APS **		BPB (NEW)		LED *** LUMINAIRE	SPECIAL REQUIREMENTS
	TYPE	SMA (FEET)	LMA (FEET)	MAST ARM	POLE		Ø	ARROW	Ø	ARROW		
(A)	EXISTING 24-3-70	35	15	MAS MAS	NEW SV-2-TA SV-1-T	SP-1-T					165W	SEE PROJECT NOTES 3, 7 AND 19 ON SHEET E-1.
(B)	PBA POST								3	←		
(C)	PBA POST						6P	→				
(D)	EXISTING 1-B				NEW TV-3-T							SEE PROJECT NOTES 10 AND 19 ON SHEET E-1. SEE DETAIL C ON THIS SHEET.
(E)	EXISTING 19-3-70	15	12	MAS-48	SV-1-T	SP-1-T					235W	SEE PROJECT NOTE 7 ON SHEET E-1.
(F)	PBA POST						6P	←				
(G)	EXISTING 1-B				NEW TV-3-T	SP-1-T						SEE PROJECT NOTES 9 AND 10 ON SHEET E-1. SEE DETAIL B ON THIS SHEET.
(H)	PBA POST						3P	→				
(I)	EXISTING 29-5-70	55	15	MAS MAS	NEW SV-2-TB						165W	SEE PROJECT NOTES 3 AND 7 ON SHEET E-1.
(J)	PBA POST						3P	←				
(K)	EXISTING 1-B				TV-2-T	SP-1-T						
(L)	1-B				TV-1-T							SEE PROJECT NOTE 10 ON SHEET E-1. SEE DETAIL E ON THIS SHEET.
(M)	EXISTING 29-5-70	55	15	MAS	NEW SV-2-TA						235W	RC EXISTING R61-7 (CA) SIGN. IS R3-8b SIGN. SEE PROJECT NOTES 7 AND 10 ON SHEET E-1. SEE DETAIL D ON THIS SHEET.
(N)	EXISTING 1-B				NEW TV-2-T							SEE PROJECT NOTE 19 ON SHEET E-1.

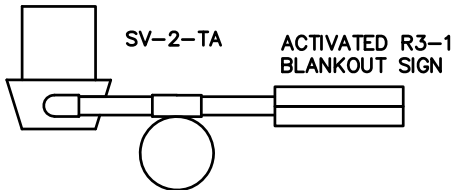
- * RC EXISTING PEDESTRIAN SIGNAL HEAD. INSTALL NEW LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD.
** RC EXISTING PBA. INSTALL NEW APS.
*** RC EXISTING HPS LUMINAIRE. INSTALL NEW LED LUMINAIRE.



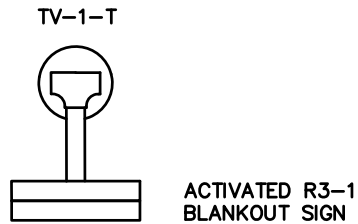
DETAIL B
NO SCALE



DETAIL C
NO SCALE



DETAIL D
NO SCALE



DETAIL E
NO SCALE

TRAFFIC SIGNAL CONDUCTORS FOR PHASE OVERLAPS SHALL BE DOUBLE STRIPED AS FOLLOWS:

SIGNAL PHASE	BASE COLOR	DOUBLE STRIPE COLOR
OLA	RE, YE, BRN	BLACK/BLUE
OLB	RE, YE, BRN	BLACK/ORANGE
OLC	RE, YE, BRN	BLACK/PURPLE
OLD	RE, YE, BRN	BLACK/GRAY

DETAIL F

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GATE 6 INTERSECTION
IMPROVEMENTS

MODIFYING EXISTING ELECTRICAL SYSTEM

DATE: 2/17/17

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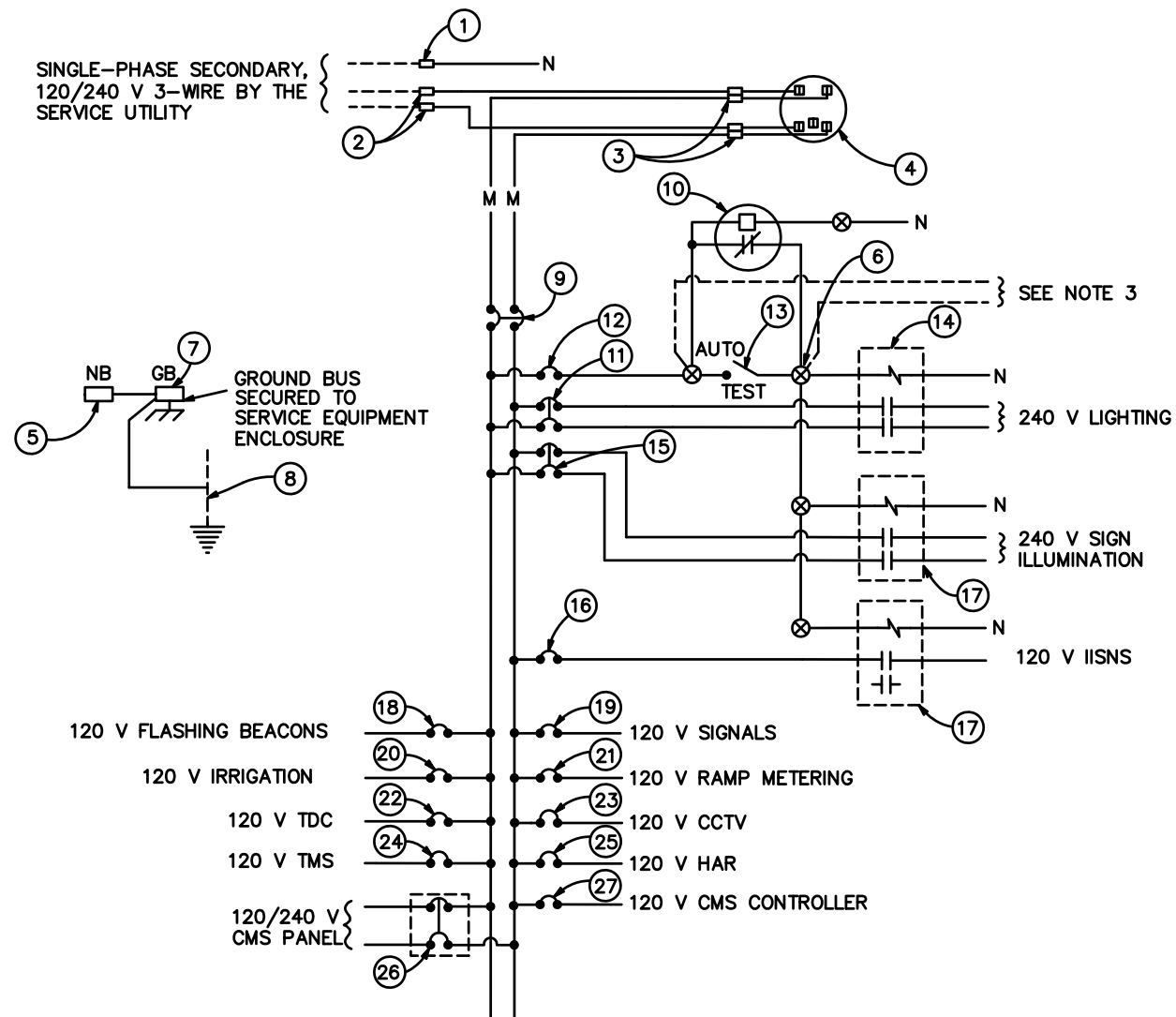
DRAWN BY: VRB

PROJECT NO:

SHEET

E-4

22 OF 23 SHEETS



120/240 V SERVICE WIRING DIAGRAM (TYPICAL)

TYPE III-A SERVICE EQUIPMENT ENCLOSURE LEGEND (120/240 V)					
ITEM No.	COMPONENT	NAME PLATE DESCRIPTION	ITEM No.	COMPONENT	NAME PLATE DESCRIPTION
①	NEUTRAL LUG		⑮	30 A, 240 V, 2P, CB	SIGN ILLUMINATION
②	LANDING LUG		⑯	15 A, 120 V, 1P, CB	IISNS
③	TEST BYPASS FACILITY		⑰	30 A, 2P, CONTACTOR	
④	METER SOCKET AND SUPPORT		⑱	15 A, 120 V, 1P, CB	FLASHING BEACON
⑤	NEUTRAL BUS		⑲	50 A, 120 V, 1P, CB	SIGNALS
⑥	TERMINAL BLOCKS		⑳	20 A, 120 V, 1P, CB	IRRIGATION
⑦	GROUND BUS		㉑	30 A, 120 V, 1P, CB	RAMP METERING
⑧	GROUNDING ELECTRODE		㉒	15 A, 120 V, 1P, CB	TELEPHONE DEMARCATION CABINET
⑨	100 A, 240 V, 2P, CB	MAIN BREAKER	㉓	30 A, 120 V, 1P, CB	CCTV
⑩	PHOTOELECTRIC UNIT (NOTE 7)		㉔	30 A, 120 V, 1P, CB	TMS
⑪	30 A, 240 V, 2P, CB	LIGHTING	㉕	30 A, 120 V, 1P, CB	HAR
⑫	15 A, 120 V, 1P, CB	LIGHTING CONTROL	㉖	30 A, 120 V, 1P, CB	CMS PANEL
⑬	15 A, 120 V, 1P, TEST SWITCH	TEST SWITCH	㉗	30 A, 240 V, 2P, CB	CMS CONTROLLER
⑭	60 A, 2P, CONTACTOR				

NOTES: (FOR SERVICE EQUIPMENT)

- VOLTAGE RATINGS OF SERVICE EQUIPMENT SHALL CONFORM TO THE SERVICE VOLTAGES INDICATED ON THE PLANS.
- UNLESS OTHERWISE INDICATED ON THE PLANS, SERVICE EQUIPMENT ITEMS SHALL BE PROVIDED FOR EACH SERVICE EQUIPMENT ENCLOSURE AS SHOWN.
- CONNECT TO REMOTE TEST SWITCH MOUNTED ON LIGHTING STANDARDS, SIGN POST OR STRUCTURE WHEN REQUIRED.
- ITEM No. ① AND No. ⑤ SHALL BE ISOLATED FROM THE CABINET.
- METER SOCKETS SHALL MEET SERVICE UTILITY REQUIREMENTS.
- THE LANDING LUG SHALL BE SUITABLE FOR MULTIPLE CONDUCTORS.
- PHOTOELECTRIC CONTROL SHALL BE TYPE II.
- SERVICE UTILITY WILL INSTALL THE TIME-OF-USE METER IF APPLICABLE.
- UNLESS OTHERWISE NOTED, THE MAXIMUM NUMBER OF SINGLE-POLE CIRCUIT BREAKERS SPACES IN THE ENCLOSURE IS FOURTEEN.
- SEE STANDARD PLANS ES-2D FOR OTHER DETAILS.

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GATE 6 INTERSECTION
IMPROVEMENTS

ELECTRICAL DETAILS

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SCALE: NO SCALE

DRAWN BY: VRB

PROJECT NO:

SHEET

E-5

22 OF 23 SHEETS