



UPRR Project No.: 0593197

SUPPLEMENTAL AGREEMENT

THIS SUPPLEMENTAL AGREEMENT (the "Supplement") is made as of the _____ day of _____, 20____, by and between **UNION PACIFIC RAILROAD COMPANY**, a Delaware corporation ("Railroad") and **CITY OF COACHELLA** ("Political Body"), a municipal corporation of the State of California to be addressed at 53990 Enterprise Way, Coachella, California 92236.

RECITALS:

By instrument dated January 31, 2001, Railroad and the Political Body entered into a New Public Highway Crossing Agreement identified as the Railroad's Folder No. 0189265, UPRR Audit No. 219292 (the "2001 Agreement") covering the construction of a new grade separated structure (the "Structure") that will carry vehicular traffic traversing on Dillon Road over Railroad's tracks at DOT Number 748449W, Railroad's Milepost 613.03 on Railroad's Yuma Subdivision at or near Coachella, Riverside County, California (the "Crossing Area") as shown on the Railroad Survey Print attached to the 2001 Agreement.

The Political Body is undertaking improvements to the Structure and has requested a Supplemental Agreement to include the **Exhibit A-2** type, size and location prints of the Structure to the 2001 Agreement.

AGREEMENT:

NOW, THEREFORE, IT IS MUTUALLY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

SECTION 1 - AMENDMENT OF THE 2023 AGREEMENT

The 2001 Agreement Recitals are amended to include the Political Body's type, size and location prints of the Structure marked **Exhibit A-2**, attached hereto and hereby made a part hereof as **Exhibit A-2** to the 2001 Agreement, which shall be, and hereby is amended to include the attached **Exhibit A-2**.

SECTION 2 - AGREEMENT SUPPLEMENTAL

This agreement is supplemental to the 2001 Agreement, as herein amended, and nothing herein contained shall be construed as amending or modifying the same except as herein specifically provided.



IN WITNESS WHEREOF, the parties hereto have caused this Supplement to be executed in duplicate as of the date first herein written.

UNION PACIFIC RAILROAD COMPANY
(Federal Tax ID No. 94-6001323)

By _____

Printed Name: _____

Title: _____

CITY OF COACHELLA

By _____

Printed Name: _____

Title: _____

EXHIBIT A-2
TO
PUBLIC HIGHWAY UNDERPASS AGREEMENT

Exhibit A-2 will be the Political Body's type, size and location prints of the Structure.

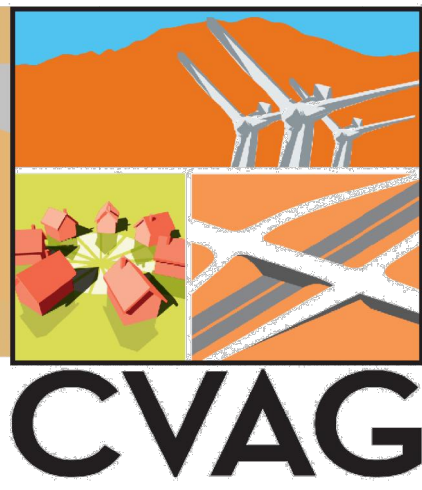
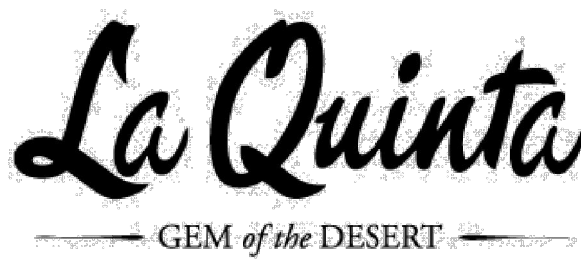
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IN THE CITY OF LA QUINTA, INDIO, COACHELLA, & COUNTY OF RIVERSIDE

ARTS & MUSIC LINE

CONSTRUCTION PLANS



100% SUBMITTAL

ISSUE	INFO		 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG		 ENGINEERING CONSULTANTS 3788 MCCRAY STREET RIVERSIDE CA. 92506 PH: (951) 686-1070 FAX (951) 788-1256	DESIGNED BY: _____ CHECKED BY: _____ DATE: _____	APPROVED BY: _____ DATE: _____	R.C.E. NO. _____ DATE: _____	 	SHEET TITLE ARTS & MUSIC LINE GENERAL SHEETS TITLE SHEET	DRAWING NO. GI 0000
	PROJECT NO:	CAD DWG FILE:									
	DESIGNED BY:	DRAWN BY:									
MARK DATE	DESCRIPTION	REVIEWED BY:	DATE:	SCALE: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF:	DESIGNED BY:	CHECKED BY:	DATE:			

1. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY, OWNER AND ENGINEER HARMLESS FROM ALL AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
2. ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED OR FOUND IN PUBLIC RECORDS/MAINLINE, NO (LATERALS OR SERVICES SHOWN), ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH THE IMPROVEMENTS HEREON, AGREES TO ASSUME LIABILITY AND HOLD THE ENGINEER HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED OR INDICATED ON PUBLIC RECORDS, OR THOSE CONSTRUCTED IN VARIANCE WITH REPORTED OR RECORD LOCATIONS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER FOUND AT THE SITE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNERS OF ALL UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.
3. THE ENGINEER PREPARING THESE PLANS SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THIS PLANS MUST BE REQUESTED IN WRITING AND MUST BE APPROVED BY THE ENGINEER OF RECORD.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN HEREON AT THE JOB SITE PRIOR TO ANY CONSTRUCTION. SHOULD THERE BE ANY DISCREPANCY, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT ONCE. REVISIONS AND/OR DEVIATIONS FROM THE PLAN SHALL BE APPROVED BY THE ENGINEER IN WRITING TO THE IMPLEMENTATION OF SUCH REVISION OR DEVIATION IN THE FIELD. BEGINNING OF CONSTRUCTION MEANS ACCEPTANCE OF THIS CONDITIONS.
5. CONTRACTOR SHALL NOTIFY "UNDERGROUND SERVICE ALERT" AT (800) 422-4133 AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF WORK SO AS TO HAVE LOCATION OF UNDERGROUND UTILITIES LOCATED AND MARKED FOR CONSTRUCTION / SAFETY COORDINATION.
6. CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF FEDERAL STATE AND LOCAL LAWS AN REGULATIONS PERTAINING TO CLEAN AIR AND CLEAN WATER ACT.

1. CONTRACTOR SHALL VERIFY ALL UTILITIES, GRADES, EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK. ALL DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF CVAG CONSTRUCTION MANAGER.
2. ALL EXISTING ITEMS TO REMAIN SHALL BE PROTECTED AS REQUIRED. ANY DAMAGED ITEMS SHALL BE FULLY REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE FULL SATISFACTION OF THE OWNER.
3. ALL WRITTEN DIMENSIONS SUPERCEDE ALL SCALED DISTANCES AND DIMENSIONS. DIMENSIONS SHOWN ARE FROM THE FACE OF THE BUILDING, WALL, BACK OF CURB, EDGE OF WALK PROPERTY LINE, OR CENTERLINE OF OBJECT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
4. ALL CURVES AND ALL TRANSITIONS BETWEEN CURVES AND STRAIGHT EDGES SHALL BE SMOOTH.
5. STATIONING HERON IS ALONG CONSTRUCTION CENTERLINE UNLESS OTHERWISE SHOWN OR INDICATED.
6. EXCAVATION MATERIAL SHALL NOT BE SIDECAST INTO WHITEWATER CHANNEL OR ADJACENT PERCOLATION PONDS. CONTRACTOR TO STOCKPILE OUTSIDE OF ALL CHANNELS AND PONDS.
7. ALL PATHS TO MEET OR EXCEED ADA STANDARDS FOR ACCESSIBLE DESIGN. PATH CROSS SLOPE TO NOT EXCEED 2.0%.

RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1988 RECOVERED IN GOOD CONDITION. NEW DESCRIPTION FOLLOWS.
2.4 KM (1.50 MI) SOUTHEAST ALONG STATE HIGHWAY 111 FROM THE JUNCTION OF INTERSTATE HIGHWAY 10 BUSINESS
ROUTE (INDIO AVENUE) IN INDIO, THENCE 1.1 KM (0.70 MI) NORTHEAST ALONG DILLON ROAD, IN THE SOUTHEAST ABUTMENT
OF A BRIDGE OVER WHITEWATER RIVER, 5.0 M (16.4 FT) SOUTHEAST OF THE ROAD CENTERLINE.

[THE ELEVATION PER THIS SURVEY WAS ADJUSTED UP BY 500.00 FEET TO AVOID NEGATIVE ELEVATION].

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CSM83, ZONE 6, BASED LOCALLY ON CONTROL STATIONS "DSSC", "P486", AND "SLMS" NAD 83(NSR2011) AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GRID, QUOTED BEARINGS AND DISTANCES FROM REFERENCE NOS OF DEFS ARE NOT SHOWN BUT ARE TO BE SHOWN FROM THE REFERENCE. ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS SPECIFIED OTHERWISE. GRID DISTANCES, MAY BE OBTAINED BY MULTIPLYING THE GROUND DISTANCE BY A COMBINATION FACTOR OF 0.999975768. CALCULATIONS ARE MADE AT POINT #1 WITH COORDINATES OF: N: 2192253.712, E: 6562480.792, USING AN ELEVATION OF 43.77 FEET.

THE CONVERGENCE ANGLE AT POINT #1 IS 00°00'05.29".

SOUTHERN CALIFORNIA GAS COMPANY (909) 335-7883

VERIZON - PALM SPRINGS (760) 778-3603

SOUTHERN CALIFORNIA EDISON (760) 202-4229

TIME WARNER CABLE (760) 250-6942

DESERT WATER AGENCY (760) 323-4971

COACHELLA WATER DISTRICT (760) 398-2851

INDIO WATER AUTHORITY (760) 391-4038

VALLEY SANITARY DISTRICT (760) 238-5400

IMPERIAL IRRIGATION DISTRICT (760) 335-3640

COACHELLA VALLEY ASSOCIATIONS OF GOVERNMENT (760) 346-1127

ISSUE	MARK DATE DESCRIPTION		INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ENGINEERING CONSULTANTS	APPROVED BY:	R.C.E. NO.		SHEET TITLE	DRAWING NO.
			PROJECT NO: CAD DWG FILE: DESIGNED BY: DRAWN BY: REVIEWED BY: DATE: SCALE: AS SHOWN	 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG	 ALBERT A. WEBB ASSOCIATES 3788 MCGRAY STREET RIVERSIDE, CA. 92506 PH. (951) 686-1070 FAX. (951) 788-1256 PLANS PREPARED UNDER THE SUPERVISION OF: _____ DESIGNED BY: _____ CHECKED BY: _____ DILESH SHETH _____ DATE _____ R.C.E. NO.: _____	APPROVED BY: 					

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Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.

ISSUE

ABBREVIATIONS

A.B.C.	AGGREGATE BASE COURSE
AC	ASPHALT CONCRETE
ASPH	ASPHALT CONCRETE PAVEMENT
B.B.C.	BITUMINOUS BASE COURSE
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BLDG	BUILDING
BP	BEGINNING PROJECT (ALIGNMENT)
BTM	BOTTOM
CB	CATCH BASIN
C&G	CURB AND GUTTER
CIP	CAST-IN-PLACE
C/L, CL	CENTER LINE
CO	CLEANOUT
CONC	CONCRETE
CONDTs	CONDUITS
CONT	CONTINUOUS
CR-GUT	CROSS GUTTER
D	DELTA
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
D/W	DRIVEWAY
DWG	DRAWING
(E)	EXISTING
EAC	EDGE OF ASPHALT
EB	EASTBOUND
EC	END CURVE
ECR	END CURB RETURN
EG	EXISTING GRADE
EL	ELECTRIC
ELEV	ELEVATION
EOC	EDGE OF CONCRETE
EP, EOP	END OF PROJECT (ALIGNMENT)
	EDGE OF PAVEMENT
EPB	ELECTRIC PULL BOX
EQ.	EQUAL
ETW	EDGE OF TRAVEL WAY
EVLT	ELECTRIC VAULT
EW	EACH WAY
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FND	FOUND
FS	FINISH SURFACE
GB	GRADE BREAK
GV	GAS VALVE
GRND	GROUND
HH-MM-SS	HOURL, MINUTES, SECONDS (ANGLE)
HMAC	HOT MIX ASPHALT CONCRETE
HP	HIGH POINT
IE	INVERT ELEVATION
J	JUNCTION
L	LEFT, LENGTH
LF	LINEAL FOOT/FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
MH	MANHOLE
MW	MONITORING WELL
NIC	NOT IN CONTRACT
OC	ON CENTER

PCC	PORTLAND CEMENT CONCRETE
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
PP	POWER POLE
PT	POINT
R	RIGHT, RADIUS
RSP	ROCK-LINED SLOPE PROTECTION
RT	RIGHT
S	SLOPE
SD	STORM DRAIN
SF	SQUARE FOOT
SHT	SHEET
STA	STATION
S/W	SIDEWALK
TBD	TO BE DETERMINED
TBV	TO BE VERIFIED
TEL.VLT	TELEPHONE VAULT
TYP	TYPICAL
UC, U/C	UNDERCROSSING
UVLT	UTILITY VAULT
WB	WESTBOUND
w/	WITH
Ø or DIA	DIAMETER

ABBREVIATIONS HORIZONTAL CURVES

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PCC	POINT OF COMPOUND CURVE
PCR	POINT OF REVERSE CURVE
PT	POINT OF TANGENCY

ABBREVIATIONS VERTICAL CURVES

BVCE	BEGINNING VERTICAL CURVE ELEVATION
BVCS	BEGINNING VERTICAL CURVE STATION
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
K	RATE OF CURVATURE
LVC	LENGTH OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION

ABBREVIATIONS AGENCY

CPS	CITY OF PALM SPRINGS
CVWD	COACHELLA VALLEY WATER DISTRICT
RCFC	RIVERSIDE COUNTY FLOOD CONTROL & WCD AND WATER CONTROL DISTRICT
U.P.R.R	UNION PACIFIC RAILROAD

ABBREVIATIONS PROJECT SPECIFIC

CCWWBP	CATHEDRAL CITY WHITEWATER BIKE PATH
CV LINK	COACHELLA VALLEY MULTI-USE PATH
CVS	COACHELLA VALLEY STORMWATER CHANNEL
NEV	NEIGHBORHOOD ELECTRIC VEHICLE
WRS	WHITEWATER RIVER STORMWATER CHANNEL

LEGEND

EXISTING

	RIGHT-OF-WAY		12" STORM DRAIN
	STREET CENTERLINE		18" STORM DRAIN
	CURB / CURB & GUTTER		24" STORM DRAIN
	WALL		36" STORM DRAIN
	FENCE		42" STORM DRAIN
	RETAINING WALL		48" STORM DRAIN
	CABLE		54" STORM DRAIN
	TELECOM		STORM DRAIN (UNKNOWN SIZE)
	OVERHEAD ELECTRIC		TELEPHONE
	BURIED ELECTRIC		TRAFFIC SIGNAL CONDUIT
	FIBER OPTIC		6" WATER
	6" FORCE MAIN SEWER		8" WATER
	12" FORCE MAIN SEWER		10" WATER
	18" FORCE MAIN SEWER		12" WATER
	2" GAS		16" WATER
	3" GAS		18" WATER
	4" GAS		24" WATER
	6" GAS		WATER (UNKNOWN SIZE)
	8" GAS		ABANDONED 8" WATER
	GAS (UNKNOWN SIZE)		ABANDONED 12" WATER
	IRRIGATION LINE		TREE
	OVERHEAD UTILITY		PALM
	RECYCLED WATER LINE		SAGUARO CACTUS
	4" SEWER		TRAFFIC SIGNAL POST
	8" SEWER		STREET LIGHT
	10" SEWER		UTILITY POLE
	12" SEWER		GUY WIRE
	15" SEWER		FIRE HYDRANT
	18" SEWER		MANHOLE
	21" SEWER		SIGN
	24" SEWER		SIGN - DOUBLE POST
	27" SEWER		SIGN - ENTRY/BILLBOARD
	30" SEWER		FLAG POLE
	SEWER (UNKNOWN SIZE)		UTILITY VAULT
	ABANDONED 8" SEWER		GATE
	ABANDONED 10" SEWER		STORM HEADWALL
	ABANDONED 12" SEWER		

PROPOSED

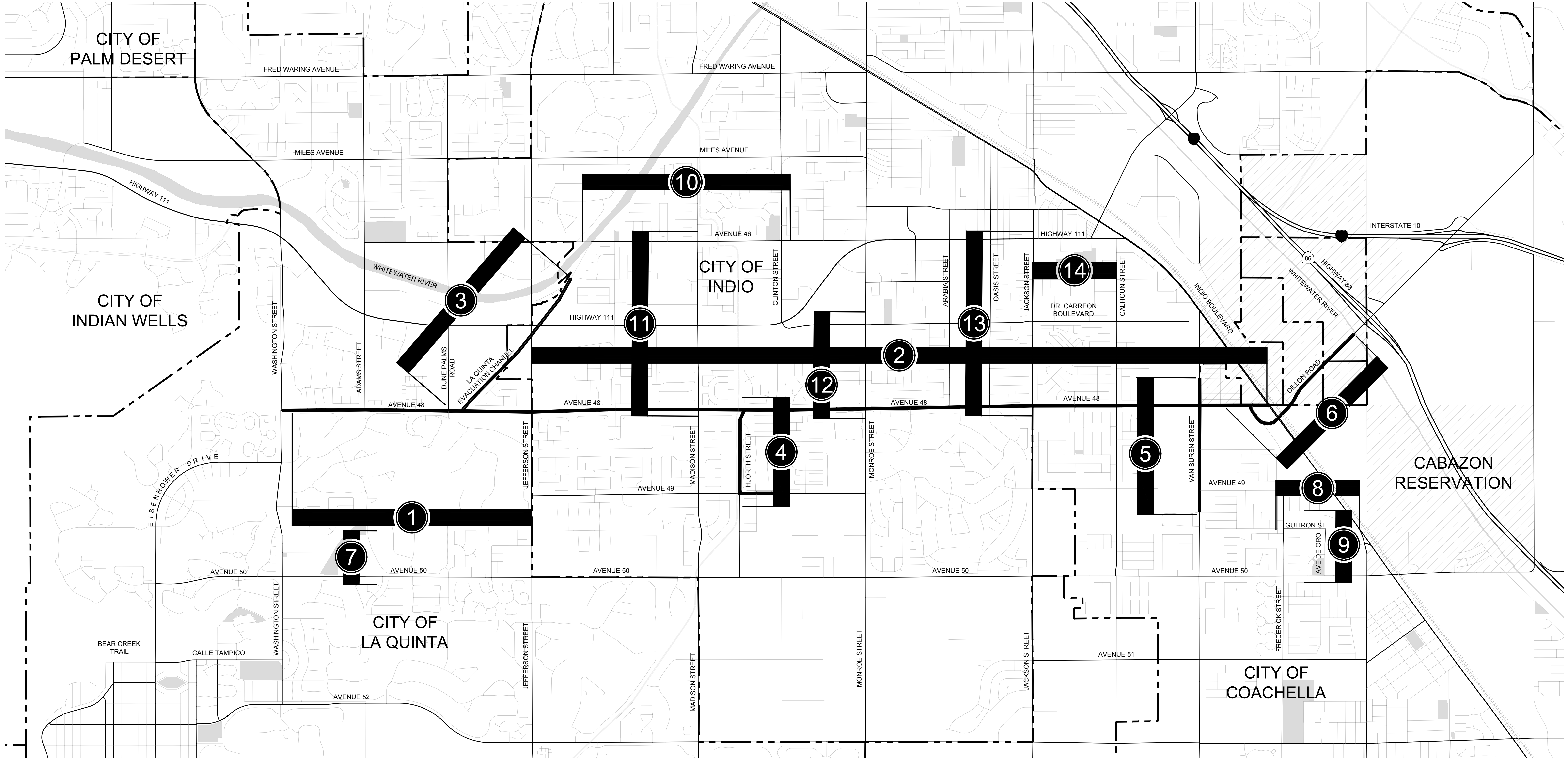
	AC PAVEMENT
	REMOVAL CONCRETE PAVEMENT
	CONCRETE PAVEMENT
	PAVEMENT REMOVAL
	AC OVERLAY
	MEDIAN REMOVAL
	CENTERLINE
	SAWCUTLINE
	KEY NOTE
	NORTH ARROW

ISSUE		INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS 3788 MCCRAY STREET RIVERSIDE CA. 92506 PH: (951) 686-1070 FAX (951) 788-1256 PLANS PREPARED UNDER THE SUPERVISION OF: DILESH SHETH R.C.E. NO.: DESIGNED BY: _____ CHECKED BY: _____ DATE: _____	APPROVED BY: _____	R.C.E. NO. _____		SHEET TITLE	ARTS & MUSIC LINE GENERAL SHEETS LEGEND & ABBREVIATIONS	DRAWING NO.	
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100% SUBMITTAL

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Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.



- 1

AVENUE 48 (LA QUINTA)
- 2

AVENUE 48 (INDIO)
- 3

LA QUINTA EVACUATION CHANNEL
- 4

HJORTH STREET & AVENUE 49
- 5

VAN BUREN STREET

6

DILLON ROAD

7

MOON RIVER DRIVE

8

GUISTRON STREET

9

AVENIDA DE ORO

10

AVENUE 46

11

MADISON STREET

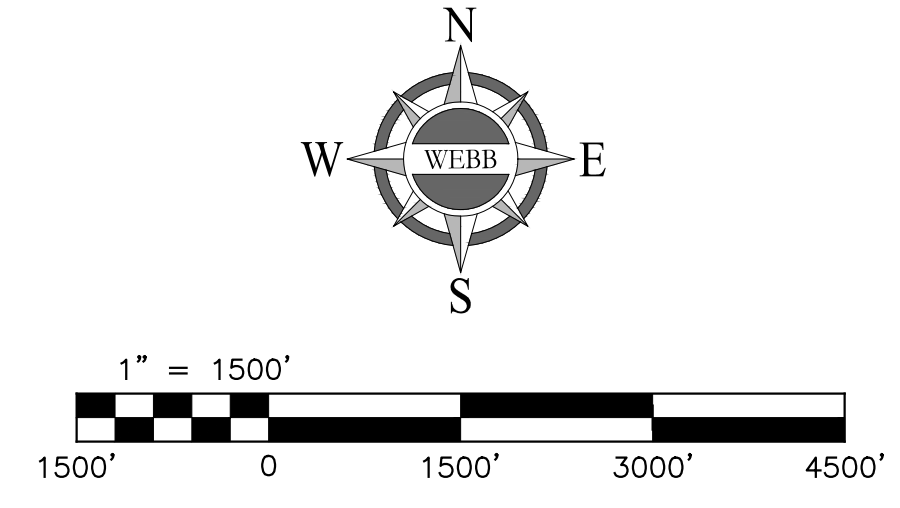
12

MONROE STREET

13

JACKSON STREET

14

DR CARREON BOULEVARD

100% SUBMITTAL

ISSUE MARK DATEDESCRIPTION	INFO PROJECT NO: CAD DWG FILE: DESIGNED BY: DRAWN BY: REVIEWED BY: DATE: SCALE: AS SHOWN	UNDERGROUND SERVICE ALERT  DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG	ENGINEER OF RECORD'S SEAL  CIVIL	ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS 3788 MCCRAY STREET RIVERSIDE, CA 92506 PH: (951) 686-1070 FAX: (951) 788-1256 PLANS PREPARED UNDER THE SUPERVISION OF: DILESH SHETH R.C.E. NO.: DESIGNED BY: CHECKED BY: DATE:	APPROVED BY: APPROVED BY: R.C.E. NO.: DATE: R.C.E. NO.: DATE:		SHEET TITLE ARTS & MUSIC LINE GENERAL SHEETS PROJECT MAP	DRAWING NO. GI 0005 SHEET 6 OF 269

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Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.

CITY OF LA QUINTA GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD PLANS OF THE CITY OF LA QUINTA AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY TO THE CITY OF LA QUINTA PUBLIC WORKS DEPARTMENT FOR THE NECESSARY PERMITS AND TO BE RESPONSIBLE FOR SATISFACTORY COMPLIANCE FOR ALL CURRENT ENVIRONMENTAL REGULATIONS DURING THE LIFE OF CONSTRUCTION ACTIVITIES FOR THE PROJECT. ADDITIONAL STUDIES AND/OR PERMITS MAY BE REQUIRED.
3. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AS REQUIRED BY THE CITY OF LA QUINTA OR OTHER GOVERNING AGENCIES.
4. THE CONTRACTOR SHALL NOTIFY THE CITY OF LA QUINTA PUBLIC WORKS DEPARTMENT FORTY-EIGHT (48) HOURS PRIOR TO ANY GRADING, BRUSHING, OR CLEARING AND EACH PHASE OF CONSTRUCTION AT (760) 777-7048.
5. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT, OR RELOCATION OF ALL REGULATORY, WARNING AND GUIDE SIGNS.
7. THE CITY ENGINEER SHALL APPROVE THE DESIGN AND INSTALLATION OF ALL STREET NAME SIGNS, TRAFFIC CONTROL SIGNS, TRAFFIC STRIPING, LEGENDS, AND PAVEMENT MARKERS TYPE AND LOCATION.
8. THE CONTRACTOR SHALL NOT DISTURB EXISTING SURVEY MONUMENTS OR BENCH MARKS NOTED ON THE PLANS, OR FOUND DURING CONSTRUCTION. REMOVAL AND REPLACEMENT SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 33,966, OR A LICENSED LAND SURVEYOR ONLY.
9. CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL BE PERFORMED ONLY DURING THE TIME PERIODS AS FOLLOWS:

OCTOBER 1ST TO APRIL 30TH: MONDAY THROUGH FRIDAY 7:00AM TO 5:30PM
MAY 1ST TO SEPTEMBER 30TH: MONDAY THROUGH FRIDAY 6:00AM TO 7:00PM

WORK SHALL BE PROHIBITED ANY TIME ON SUNDAYS OR ON FEDERAL HOLIDAYS.

NO REDUCTION OF THE TRAVELED WAY WIDTH SHALL BE PERMITTED ON ANY CITY STREET ON WEEKENDS OR HOLIDAYS, OR WHEN ACTIVE WORK IS NOT BEING DONE, UNLESS PRIOR AUTHORIZATION TO DO SO IS GRANTED BY THE CITY ENGINEER.

NO LANE CLOSURES SHALL BE PERMITTED OR ALLOWED ON ANY CITY STREET BEFORE 8:30AM AND AFTER 3:30PM UNLESS AUTHORIZATION TO DO SO IS GRANTED BY THE CITY ENGINEER.
10. ALL TRAVELED WAYS MUST BE CLEANED DAILY OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE GRADING OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE CITY ENGINEER.
11. ALL CONSTRUCTION AREAS SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE CALIFORNIA STATE MANUAL OF WARNING SIGNS, LIGHTS, AND DEVICES FOR USE IN THE PERFORMANCE OF WORK UPON HIGHWAYS IN ORDER TO ELIMINATE ANY HAZARDS.
12. CONSTRUCTION PROJECTS DISTURBING MORE THAN 1-ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNERS/DEVELOPERS ARE REQUIRED TO:
A) FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB); B) PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP); AND C) HAVE A MONITORING PLAN FOR THE SITE. THE NPDES IS A NATIONAL PROGRAM TO CONTROL NON-POINT SOURCE POLLUTANTS CARRIED BY STORM WATER. THE PROGRAM IS IMPLEMENTED AND ENFORCED BY THE SWRCB.

ISSUE		INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ALBERT A. WEBB ASSOCIATES	ENGINEERING CONSULTANTS 3788 MCCRAY STREET RIVERSIDE CA. 92506 PH: (951) 686-1070 FAX (951) 788-1256	APPROVED BY:	R.C.E. NO.			SHEET TITLE	ARTS & MUSIC LINE CIVIL IMPROVEMENT PLANS CITY OF LA QUINTA GENERAL NOTES	DRAWING NO.
		PROJECT NO: CVAG_PROJ_# CAD DWG FILE: CVAG_DWG_# DESIGNED BY: MC DRAWN BY: NAA REVIEWED BY: DRS DATE: XX SCALE: AS SHOWN	 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG		PLANS PREPARED UNDER THE SUPERVISION OF: DILESH SHETH R.C.E. NO.: C65078	DESIGNED BY: MC CHECKED BY: DRS	APPROVED BY:	DATE					CG 0001
	MARK DATE	DESCRIPTION											SHEET 7 OF 269

100% SUBMITTAL

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Line measures 1 inch on full scale drawing. If not 1 inch scale accordingly.

CITY OF INDIO GENERAL NOTES:

1.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT ENGINEERING STANDARDS FOR THE CITY OF INDIO, UNLESS OTHERWISE NOTED ON THE APPROVED PROJECT PLANS, OR AS DIRECTED BY THE CITY ENGINEER.
2.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR (OR DEVELOPER/OWNER FOR A DEVELOPMENT PROJECT) TO OBTAIN FROM THE CITY OF INDIO, AND OTHER GOVERNING AGENCIES, ALL NECESSARY PERMITS PRIOR TO THE BEGINNING OF CONSTRUCTION.
3.

THE CONTRACTOR (OR DEVELOPER/OWNER FOR A DEVELOPMENT PROJECT) IS RESPONSIBLE FOR SATISFACTORY COMPLIANCE WITH ALL CURRENT ENVIRONMENTAL REGULATIONS.
4.

THE CONTRACTOR MUST NOTIFY THE ENGINEERING DIVISION OF THE CITY OF INDIO'S PUBLIC WORKS DEPARTMENT (760.391.4019) AT LEAST 48 HOURS IN ADVANCE OF BEGINNING ANY NEW PHASE OF WORK ANY IMPROVEMENT(S) INSTALLED WITHOUT INSPECTION(S) BY THE CITY WILL BE SUBJECT TO REMOVAL.
5.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING UNDERGROUND SERVICE ALERT AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION AND AS OTHERWISE REQUIRED BY LAW.
6.

CONTACT PHONE NUMBERS FOR SOME OF THE LOCAL UTILITIES IN INDIO ARE:

IMPERIAL IRRIGATION DISTRICT	ELECTRIC	760-339-9232
THE GAS COMPANY	GAS	909-335-7507
VERIZON	TELEPHONE	760-864-1726
VALLEY SANITARY DISTRICT	SEWER	760-238-5400
TIME WARNER CABLE	CABLE	760-346-3714
INDIO WATER AUTHORITY	WATER	760-391-4140
CITY OF INDIO	ENGINEERING	760-391-4017
COACHELLA VALLEY WATER DISTRICT	WATER	760-398-2651
7.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT, PROTECTION, AND/OR RELOCATION OF ALL REGULATORY, WARNING, AND GUIDE SIGNS; AND FOR THE REMOVAL, REPLACEMENT, AND PROTECTION OF ANY PAVEMENT STRIPING, AND /OR PAVEMENT LEGENDS/MARKINGS. THE CONTRACTOR IS REQUIRED TO INSTALL NEW STRIPING AND PAVEMENT LEGENDS/MARKINGS, AND SIGNING (INCLUDING STREET NAME SIGNS FOR ALL NEW STREETS OR AS OTHERWISE APPROVED OR DIRECTED BY THE CITY ENGINEER).
8.

NO WALKWAY, TRAVEL LANE OR STREET CLOSURES ARE ALLOWED WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER AND/OR CITY COUNCIL. WORK ZONE TRAFFIC CONTROL SHALL BE PER THE LATEST EDITION OF THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD).
9.

ALL TRAVELED WAYS MUST BE CLEANED DAILY OF ALL DIRT, MUD, AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE CONTRACTOR'S WORK. CLEANING TO BE DONE PER THE SATISFACTION OF THE CITY ENGINEER.
10.

IN GENERAL, THE CONTRACTOR SHALL NOT DISTURB EXISTING SURVEY MONUMENTS OR BENCH MARKS NOTED ON THE PLANS OR FOUND DURING CONSTRUCTION. IF THIS OCCURS DURING CONSTRUCTION, REPLACEMENT SHALL BE PERFORMED TO CITY/ COUNTY STANDARDS BY A LICENSED LAND SURVEYOR (OR A LICENSED CIVIL ENGINEER WITH NUMBER BELOW 33,966).
11.

THE REGISTERED CIVIL ENGINEER (R.C.E.) SIGNING THESE DESIGN PLANS, AND ANY IMPROVEMENT PLAN (INCLUDING GRADING) SHALL BE RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN THROUGHOUT CONSTRUCTION. IN THE EVENT OF DISCREPANCIES DURING CONSTRUCTION, INCLUDING ANY ALTERATIONS OR VARIANCES NEEDED FROM THE APPROVED PLANS (EXCEPT MINOR ADJUSTMENTS IN THE FIELD NEEDED TO MEET EXISTING CONDITIONS), SHALL BE THE RESPONSIBILITY OF THE R.C.E. TO DETERMINE AN ACCEPTABLE SOLUTION, TO REVISE THE PLANS, AND TO OBTAIN APPROVAL FROM THE CITY ENGINEER.
12.

FOR ALL DEVELOPMENT PROJECTS, THE DEVELOPER/OWNER SHALL BE RESPONSIBLE FOR THE ACTIONS OF HIS CONTRACTORS.
13.

"AS-BUILT," OR "RECORD" PLANS MUST BE SUBMITTED PRIOR TO ANY RELEASE OF SECURITIES AND/OR ISSUANCE OF A CERTIFICATE OF USE.
14.

AT NO TIME SHALL PRIVATE PROPERTY BE USED IN CONJUNCTION WITH THE PROJECT UNLESS PROPERTY-OWNER APPROVAL IS OBTAINED IN WRITING AND GIVEN TO THE CITY.
15.

FOR ALL DEVELOPMENT PROJECTS INVOLVING EARTHWORK, A FINAL SOILS REPORT SHALL BE SUBMITTED TO THE CITY ENGINEER. THIS FINAL SOILS REPORT SHALL SHOW, AT A MINIMUM, THE LOCATION AND RESULTS FOR ALL SOIL TESTS, AND SHALL CONTAIN AN APPROVAL STATEMENT FROM THE SOILS ENGINEER STATING THAT THE SOIL IS SUITABLE FOR ITS INTENDED USE. THIS FINAL SOILS REPORT SHALL BE SIGNED BY THE SOILS ENGINEER OF RECORD.
16.

ALL IMPROVEMENT PLANS (INCLUDING GRADING) ARE APPROVED FOR A PERIOD OF EIGHTEEN (18) MONTHS FROM THE DATE SIGNED BY THE CITY ENGINEER. AFTER AN 18 MONTH LAPSE OF SIGNIFICANT WORK, THE "ENGINEER OF RECORD " SHALL BE REQUIRED TO SUBMIT AND PROCESS FOR CITY ENGINEER APPROVAL, UPDATED PLANS THAT COMPLY WITH THE MOST CURRENT CITY STANDARDS, PRACTICES, AND POLICIES.
17.

CITY INSPECTION OF THE WORK CALLED FOR ON THE PLANS SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF THEIR OBLIGATION TO PERFORM THE WORK IN COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.
18.

NO TRENCHES SHALL BE LEFT OPEN OVERNIGHT WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER.

CITY OF INDIO GENERAL STREET IMPROVEMENT NOTES:

1.

THE CITY OF INDIO'S STANDARD GENERAL NOTES" SHALL BE CONSIDERED PART OF THE CITY OF INDIO'S STANDARD STREET IMPROVEMENT NOTES."
2.

ALL UNDERGROUND FACILITIES, INCLUDING SERVICE LATERALS, SHALL BE IN PLACE WITH TRENCHES COMPACTED AND TESTED PRIOR TO BASE GRADE INSPECTION AND PAVING.THE CONTRACTOR SHALL SUBMIT WRITTEN EVIDENCE TO THE CITY ISSUED BY THE RESPECTIVE UTILITY PURVEYOR INDICATING THE SUBSURFACE PORTION OF THEIR UNDERGROUND FACILITIES HAVE BEEN INSTALLED AND ACCEPTED.
3.

THE FOLLOWING ARE MINIMUM COMPACTION REQUIREMENTS FOR ITEMS CONSTRUCTED IN THE PUBLIC RIGHT-OF-WAY:

A. TRENCH BACKFILL =	90%
B. DIRT FILL =	90%
C. TOP 12" OF SUBGRADE UNDER IMPROVEMENTS NOT EXPECTED TO RECEIVE VEHICULAR TRAFFIC (INCLUDES SIDEWALK) =	90%
D. AGGREGATE BASE (NON-VEHICULAR AREAS) =	90%
E. TOP 12" OF SUBGRADE OF ALL AREAS THAT MAY RECEIVE VEHICULAR TRAFFIC (INCLUDES ROADWAY, DRIVE APPROACH, CURB AND GUTTER, AND CROSS GUTTER) =	95%
F. AGGREGATE BASE (VEHICULAR AREAS) =	95%
G. ASPHALT CONCRETE =	95%
4.

ALL AGGREGATE BASE SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SECTION 26. FOR CLASS 2 AGGREGATE BASE (CL 2 AB).
5.

ALL ASPHALT CONCRETE (AC) SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SECTIONS 39 AND 92. THE AGGREGATE GRADING SHALL CONFORM AS FOLLOWS:

A. SURFACE COURSE (UPPER COURSE): TYPE A: 1/2-INCH MAXIMUM, MEDIUM.

B. BASE COURSE (LOWER COURSE): TYPE A: 3/4-INCH MAXIMUM, MEDIUM.

PLEASE NOTE WHERE THERE IS ONLY ONE LIFT OF AC, THE AGGREGATE GRADING SHALL BE TYPE A: 1/2-INCH MAXIMUM, MEDIUM, PERFORMANCE GRADED ASPHALT BINDER CONFORMING TO PG 70-10 SHALL BE USED FOR BOTH AGGREGATE GRADING ABOVE. AC MIX DESIGNS SHALL BE SUBMITTED FOR THE CITY ENGINEER'S REVIEW AND APPROVAL AT LEAST 7 DAYS PRIOR TO THE PLANNED PAVING DATE.
6.

THE MAXIMUM AC LIFT THICKNESS SHALL BE 3.0 INCHES; HOWEVER, AC THICKNESS OF 5.5" TO 7.5" SHALL BE PLACED IN A MINIMUM OF 3 LIFTS. PROPOSED SURFACE COURSES OTHER THAN 1.5 INCHES (OR .10') THICK SHALL BE APPROVED BY THE CITY ENGINEER BEFORE ANY BASE LIFT ARE PLACED.
7.

A TACK COAT SHALL BE APPLIED TO EXISTING PAVEMENT, CONCRETE SURFACES, AND THE A.C. BASE COURSE(S) PRIOR TO PLACING A NEW LIFT OF ASPHALT CONCRETE. IF MULTIPLE AC LIFTS ARE PLACED ON THE SAME DAY AND THE SURFACE REMAINS "CLEAN", TACK COAT ON THE EXISTING FRESH AC SURFACE CAN BE WAIVED BY THE CITY ENGINEER. THE TACK COAT SHALL BE APPLIED AT A RATE OF 0.10 GAL/ SQ YD.
8.

NEW IMPROVEMENTS THAT JOIN EXISTING IMPROVEMENTS SHALL JOIN, OR MATCH, IN A MANNER SATISFACTORY TO THE CITY ENGINEER. CONSTRUCTIONS OPERATIONS REQUIRED TO ACHIEVE A SAFE, DURABLE, AESTHETICALLY PLEASING TRANSITION BETWEEN THE NEW AND EXISTING IMPROVEMENTS MAY INCLUDE CUTTING, REMOVAL, REPLACEMENT, CAPPING, AND/OR COLD PLANING, AS NEEDED.
9.

ALL MANHOLES AND VALVE BOX FRAMES SHALL BE ADJUSTED TO FINAL GRADE AFTER PAVEMENT INSTALLATION IS COMPLETED.
10.

ALL ON-SITE IMPROVEMENTS, INCLUDING EARTHWORK GRADING, SHALL BE COMPLETED AND/OR REPAIRED AS NEEDED) PRIOR TO PLACING THE SURFACE AC COURSE.

ISSUE		INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ALBERT A. WEBB ASSOCIATES	ENGINEERING CONSULTANTS 3788 McCRAY STREET RIVERSIDE CA. 92506 PH: (951) 686-1070 FAX (951) 788-1256	APPROVED BY:	R.C.E. NO.			SHEET TITLE	ARTS & MUSIC LINE CIVIL IMPROVEMENT PLANS CITY OF INDIO GENERAL NOTES	DRAWING NO.	
		PROJECT NO: CVAG_PROJ_# CAD DWG FILE: CVAG_DWG_# DESIGNED BY: MC DRAWN BY: NAA REVIEWED BY:DRS DATE: XX	 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG		PLANS PREPARED UNDER THE SUPERVISION OF: _____ DESIGNED BY: MC CHECKED BY: DRS	APPROVED BY:	DATE	R.C.E. NO.					DATE	CG 0002
	MARK DATE	DESCRIPTION	SCALE: AS SHOWN		DILESH SHETH R.C.E. NO.: C65078	DATE								SHEET 8 OF 269

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CITY OF COACHELLA GENERAL NOTES:

- ALL DESIGN, MATERIALS, AND CONSTRUCTION WORK SHALL CONFORM TO THE CITY OF COACHELLA STANDARD SPECIFICATIONS AND PROCEDURES AND THE CITY OF COACHELLA STANDARD DRAWINGS AND TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), MOST CURRENT EDITIONS AND THESE APPROVED PLANS.
- THE CONTRACTOR SHALL, AT NO EXPENSE TO THE CITY, PROVIDE ALL NECESSARY SAMPLES AND TESTS REQUIRED BY THE CITY TO ASSURE THAT THE QUALITY OF THE MATERIALS AND WORKMANSHIP ARE IN ACCORDANCE WITH THESE PLANS AND SAID SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES COMPLETE AND UNCOMPLETED UNTIL ACCEPTED BY THE CITY.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AT NO COST TO THE CITY.
- THE CONTRACTOR SHALL OBTAIN AND REVIEW ALL NECESSARY STANDARDS, PLANS, AND SPECIFICATIONS IN DETAIL PRIOR TO START OF CONSTRUCTION. ALL DOCUMENTS, INCLUDING APPROVED PLANS AND REFERENCED STANDARDS SHALL BE ON-SITE AT ALL TIMES. CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY INSPECTOR PRIOR TO WORK IN THAT AREA.
- ALL ELEVATIONS SHOWN TO BE EXISTING FROM RECENT SURVEY OF THE ENGINEER AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- PRIOR TO BEGINNING ANY WORK, CONTRACTOR SHALL SECURE A CITY OF COACHELLA PERMIT FOR CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CITY OF COACHELLA (760) 398-5744, 72 HOURS PRIOR TO STARTING ANY WORK. A PRE-CONSTRUCTION MEETING SHALL BE SET UP WITH THE CITY OF COACHELLA ENGINEERING DEPARTMENT AND ALL AFFECTED UTILITY COMPANIES SHALL BE PRESENT.
- CONTRACTOR SHALL CALL U.S.A., UNDERGROUND SERVICE ALERT, AT 1-800-227-2600 AND SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES 24 HOURS IN ADVANCE OF THE COMMENCEMENT OF CONSTRUCTION.
- OSHA SAFETY ORDERS AND OSHA CONFINED SPACE ENTRY REQUIREMENTS SHALL BE FOLLOWED AT ALL TIMES WITHOUT EXCEPTION.
- THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE BY CITY OF COACHELLA IN ACCORDANCE WITH THE CITY OF COACHELLA STANDARD SPECIFICATIONS.
- QUANTITIES SHOWN HEREON ARE FOR ESTIMATE PURPOSES ONLY. NEITHER THE DESIGN ENGINEER NOR THE CITY OF COACHELLA GUARANTEE THE ACCURACY OR COMPLETENESS OF THE CONSTRUCTION QUANTITIES.
- CONTRACTOR SHALL CONFORM TO LABOR CODE SECTION 6705 BY SUBMITTING A DETAIL PLAN TO THE CITY ENGINEER SHOWING THE DESIGN OF SHORING, BRACING, SLOPING, OR OTHER PROVISIONS TO BE MADE FOR PROTECTION OF WORKERS FROM THE HAZARD OF CAVING GROUND DURING TRENCH EXCAVATION AND PIPE INSTALLATION THEREIN. THIS PLAN MUST BE PREPARED FOR ALL TRENCHES FIVE FEET OR MORE IN DEPTH. IF THE PLAN VARIES FROM THE SHORING SYSTEM STANDARDS ESTABLISHED BY THE CONSTRUCTION SAFETY ORDERS, TITLE 8, CALIFORNIA ADMINISTRATIVE CODE, THE PLAN SHALL BE PREPARED BY A REGISTERED ENGINEER. A COPY OF THE OSHA EXCAVATION PERMIT MUST BE SUBMITTED TO THE CITY OF COACHELLA INSPECTOR PRIOR TO EXCAVATION.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS WAS OBTAINED BY AVAILABLE RECORDS SEARCH BY THE DESIGN ENGINEER. TO THE BEST OF THE DEISGN ENGINEER'S KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. ATTENTION IS CALLED TO THE POSSIBLE EXISTENCE OF OTHER UTILITIES OR STRUCTURES NOT SHOWN, OR IN A DIFFERENT LOCATION FROM THAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN ON THE PLANS AND OTHER EXISTING FACILITIES OR STRUCTURES NOT SHOWN.
- APPROVAL OF THIS PLAN BY THE CITY OF COACHELLA DOES NOT CONSTITUTE A REPRESENTATION OF THE ACCURACY OF THE LOCATION OF, OR THE EXISTENCE OR NON-EXISTENCE OF, ANY UNDERGROUND UTILITY, PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS INCLUDING, BUT NOT LIMITED TO, TRENCH SAFETY AND CONFINED SPACE ENTRY.
- SOILS REPORTS SHALL BE SUBMITTED TO THE CITY OF COACHELLA BY A QUALIFIED SOILS ENGINEER WHICH CERTIFIES THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH ON SITE EARTHWORK SPECIFICATIONS AND THE CITY OF COACHELLA STANDARD SPECIFICATIONS.
- ALL REVISIONS TO DRAWINGS SHALL BE APPROVED BY THE CITY ENGINEER IN WRITING PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR KEEPING COMPLETE RECORD OF CHANGES AND SHALL MAKE SUCH RECORD AVAILABLE TO THE DESIGN ENGINEER. THE PRIVATE ENGINEER SHALL PROVIDE AS-BUILT DRAWINGS TO THE CITY OF COACHELLA FOR REVIEW AND APPROVAL PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- THE CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTATION. IF ANY SURVEY MONUMENTS ARE DISTURBED OR DESTROYED, THE CONTRACTOR SHALL RETAIN A LICENSED SURVEYOR TO RE-ESTABLISH AND RECORD THE MONUMENT CHANGE PER STATE LAW.
- CONTRACTOR SHALL NOT INTERRUPT OR DISTURB ANY UTILITY FACILITY WITHOUT AUTHORITY FROM THE UTILITY COMPANIES. WHERE PROTECTION IS REQUIRED TO ENSURE INTEGRITY OF UTILITY FACILITIES (INCLUDING CITY-OWNED UTILITIES), CONTRACTOR SHALL FURNISH AND PLACE ALL NECESSARY PROTECTION.

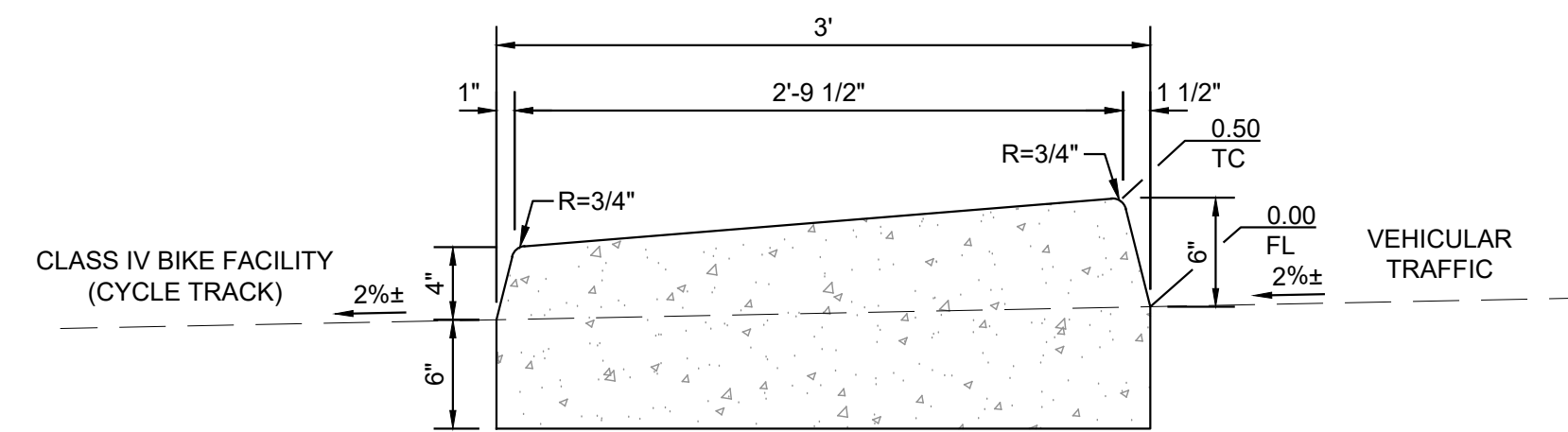
ISSUE	INFO		UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ALBERT A. WEBB ASSOCIATES	ENGINEERING CONSULTANTS 3788 McCRAy STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256	APPROVED BY:	R.C.E. NO.	 	SHEET TITLE	ARTS & MUSIC LINE CIVIL IMPROVEMENT PLANS CITY OF COACHELLA GENERAL NOTES	DRAWING NO. CG 0003
	PROJECT NO: CVAG_PROJ_#		 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG		PLANS PREPARED UNDER THE SUPERVISION OF:	DESIGNED BY: MC CHECKED BY: DRS	APPROVED BY:	R.C.E. NO.				
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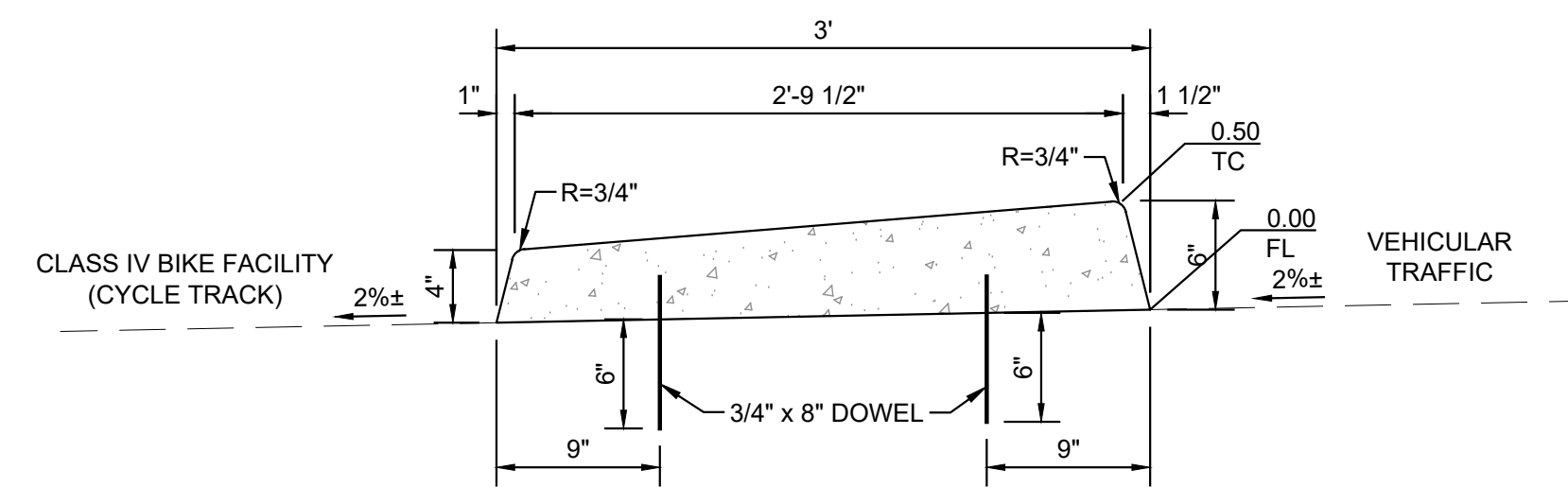
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/OWNER OR CONTRACTOR TO APPLY TO THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY, DEDICATED AND ACCEPTED FOR PUBLIC USE; AND TO BE RESPONSIBLE FOR SATISFACTORY COMPLIANCE FOR ALL CURRENT ENVIRONMENTAL REGULATIONS DURING THE LIFE OF CONSTRUCTION ACTIVITIES FOR THIS PROJECT. ADDITIONAL STUDIES AND/OR PERMITS MAY BE REQUIRED.
2. THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR THE CLEARING OF THE WORK AREA, AND RELOCATION COSTS OF ALL EXISTING UTILITIES. THIS INCLUDES UNDERGROUNDING OF EXISTING OVERHEAD LINES ALONG THE PROJECT FRONTAGE AS REQUIRED BY THE CONDITIONS OF APPROVAL. PERMITEE MUST INFORM COUNTY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. PHONE: (951) 955-6790 FOR PERMIT CASES (CUP, PUP, PP OR VOLUNTARY MS CASES.), CABAZON AND AREA WEST. PHONE: (951) 955-6885 FOR PARCEL AND TRACT MAPS. PHONE: (760) 342-8267 FOR PERMIT CASES EAST OF CABAZON.
3. THE DEVELOPER WILL INSTALL STREET NAME SIGNS CONFORMING TO COUNTY STANDARD NO. 1220 AND 1221.
4. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT IMPROVEMENT STANDARDS AND SPECIFICATIONS, LATEST EDITION, COUNTY ORDINANCE NO. 461 AND SUBSEQUENT AMENDMENTS.
5. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO NOTIFY THE ENGINEER TO INSTALL STREET CENTERLINE MONUMENTS AS REQUIRED BY RIVERSIDE COUNTY ORDINANCE NO. 461. IF CONSTRUCTION CENTERLINE DIFFERS, PROVIDE A TIE TO EXISTING CENTERLINE OF RIGHT-OF-WAY. PRIOR TO ROAD CONSTRUCTION, SURVEY MONUMENTS INCLUDING CENTERLINE MONUMENTS, TIE POINTS, PROPERTY CORNERS AND BENCH MARKS SHALL BE REFERENCED OUT AND CORNER RECORDS FILED WITH THE COUNTY SURVEYOR PURSUANT TO SECTION 8771 OF THE BUSINESS & PROFESSIONAL CODE. SURVEY POINTS DESTROYED DURING CONSTRUCTION SHALL BE RESET, AND A SECOND CORNER RECORD FILED FOR THOSE POINTS PRIOR TO COMPLETION AND ACCEPTANCE OF THE IMPROVEMENTS.
6. ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE IN PLACE PRIOR TO PAVING THE STREET, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: SEWER, WATER, ELECTRIC, GAS, STORM DRAINS.
7. CURB DEPRESSIONS AND DRIVEWAY APPROACHES WILL BE INSTALLED AND CONSTRUCTED ACCORDING TO COUNTY STANDARD NO. 206 AND/OR NO. 207, AS DIRECTED IN THE FIELD.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR DEVELOPER TO INSTALL AND MAINTAIN ALL CONSTRUCTION, REGULATORY, GUIDE AND WARNING SIGNS WITHIN THE PROJECT LIMITS AND ITS SURROUNDINGS TO PROVIDE SAFE PASSAGE FOR THE TRAVELING PUBLIC AND WORKERS UNTIL THE FINAL COMPLETION AND ACCEPTANCE OF THE PROJECT BY THE COUNTY.
9. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED WITH APPROVED STREET PLAN FOR REVIEW TO THE PERMITS SECTION OR INSPECTION SECTION (FOR MAP CASES) PRIOR TO OBTAINING AN ENCROACHMENT PERMIT.
10. ALL STREET SECTIONS ARE TENTATIVE. ADDITIONAL SOIL TESTS FOR PARCEL AND TRACT MAPS SHALL BE TAKEN AND MAY BE TAKEN FOR PERMIT CASES BY THE COUNTY AFTER ROUGH GRADING TO DETERMINE THE EXACT STREET SECTION REQUIREMENTS. USE STANDARD NO. 401 IF EXPANSIVE SOILS ARE ENCOUNTERED.
11. ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NOT LESS THAN 14 DAYS FOLLOWING PLACEMENT OF THE ASPHALT SURFACING. FOG SEAL AND PAINT BINDER SHALL BE APPLIED AT A RATE OF 0.05 AND 0.03 GALLON PER SQUARE YARD RESPECTIVELY. ASPHALTIC EMULSION SHALL CONFORM TO SECTION 37, 39 AND 94 OF THE STATE STANDARD SPECIFICATIONS.
12. PRIME COAT IS REQUIRED PRIOR TO PAVING ON ALL GRADES IN EXCESS OF TEN PERCENT.
13. INSTALL STREET TREES IN ACCORDANCE WITH ORDINANCE NO. 461 AND THE COMPREHENSIVE LANDSCAPING GUIDELINES (CHOOSE THREE SPECIES AND NAME THEM HERE).
14. STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED STREET LIGHTING PLAN.
15. AS DETERMINED BY THE TRANSPORTATION DIRECTOR, THE DEVELOPER IS RESPONSIBLE AS A MINIMUM FOR ROAD IMPROVEMENTS TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND MATCHING OVERLAY REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC INDEX.
16. ONLY LANDSCAPING CONSISTING OF GRASS AND PARKWAY TREES MAY BE INSTALLED WITHIN PARKWAYS ON LOCAL RESIDENTIAL STREETS WITHOUT SEPARATE LANDSCAPE PLANS. ALL OTHER TYPES OF LANDSCAPING IN THESE AREAS, AND ALL LANDSCAPING ON ALL OTHER STREETS, SHALL REQUIRE SEPARATE LANDSCAPE PLANS. ALL LANDSCAPING ENCROACHMENTS SHALL CONFORM TO RIVERSIDE COUNTY COMPREHENSIVE LANDSCAPING GUIDELINES DATED OCTOBER 2009.
17. ANY PRIVATE DRAINAGE FACILITIES SHOWN ON THESE PLANS NOT PART OF THIS PROJECT ARE FOR INFORMATION ONLY. BY SIGNING THESE IMPROVEMENT PLANS, NO REVIEW OR APPROVAL OF THOSE PRIVATE FACILITIES IS IMPLIED OR INTENDED BY THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT.
 - A. CONSTRUCTION PROJECTS MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNERS/DEVELOPERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB), PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.
 - B. PRIOR TO ANY CONSTRUCTION, THE DEVELOPER SHALL PROVIDE THE COUNTY A COPY OF THE NOI WITH A VALID WQID NUMBER.
18. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL SIGNS AND MARKINGS NOT INCLUDED IN THE SIGNING AND STRIPING PLAN WITHIN THE PROJECT AREAS, OR ON ROADWAYS ADJACENT TO THE PROJECT BOUNDARIES, UPON THE REQUEST OF THE DIRECTOR OF TRANSPORTATION OR HIS DESIGNEE TO IMPROVE TRAFFIC SAFETY ON THE ROADS UNDER THE JURISDICTION OF THE DEVELOPER.
19. EXISTING STORM DRAIN PIPES / CULVERTS (WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO, OR JUST IN THE PROJECT VICINITY) MUST BE REPAIRED, AND/OR CLEANED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE TRANSPORTATION DEPARTMENT.
20. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR TO APPLY TO RIVERSIDE COUNTY FLOOD CONTROL (RCFC) FOR PERMITS WHEN ANY STORM DRAIN PIPE NEEDS TO BE CONNECTED WITH A RCFC FACILITY AND ADD PERMIT # _____ ON THE PLAN.
21. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO THE CITY AND OR CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN THEIR RIGHT-OF-WAY.
22. FOR ALL DRIVEWAY RECONSTRUCTION BEYOND RIGHT-OF-WAY, PROOF OF DRIVEWAY OWNER NOTIFICATION IS REQUIRED PRIOR TO CONSTRUCTION.

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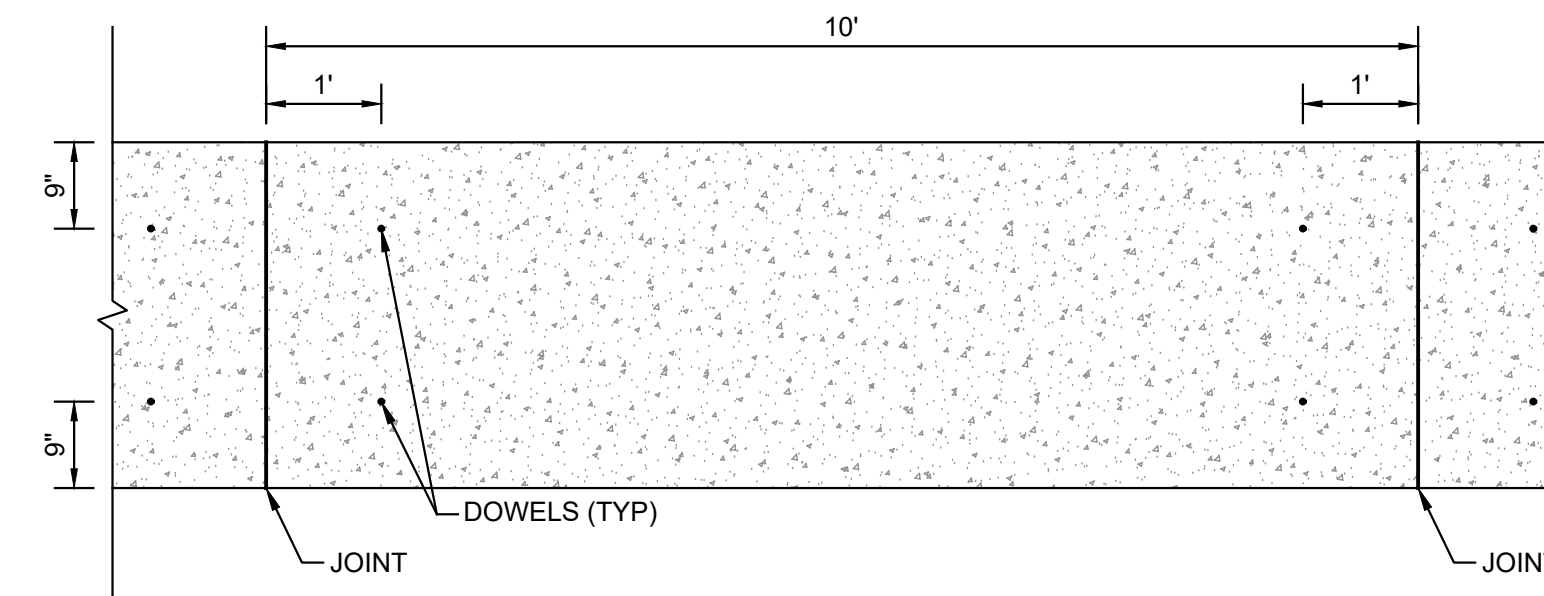
ENSS



31 FULL DEPTH BIKE BARRIER
4" CURB, 4V:1H SLOPE & 6" CURB, 4V:1H SLOPE
N.T.S.

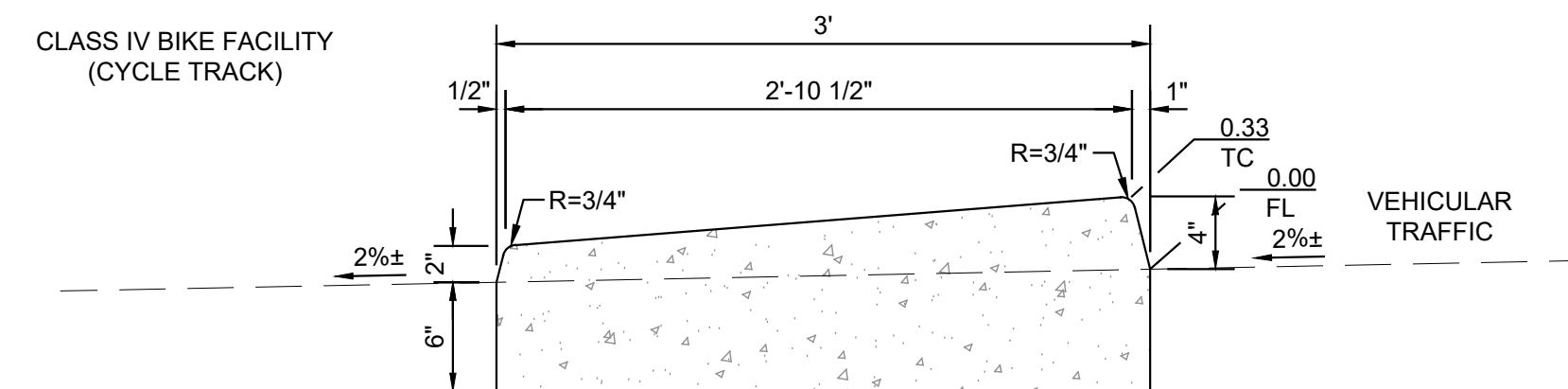


SECTION VIEW

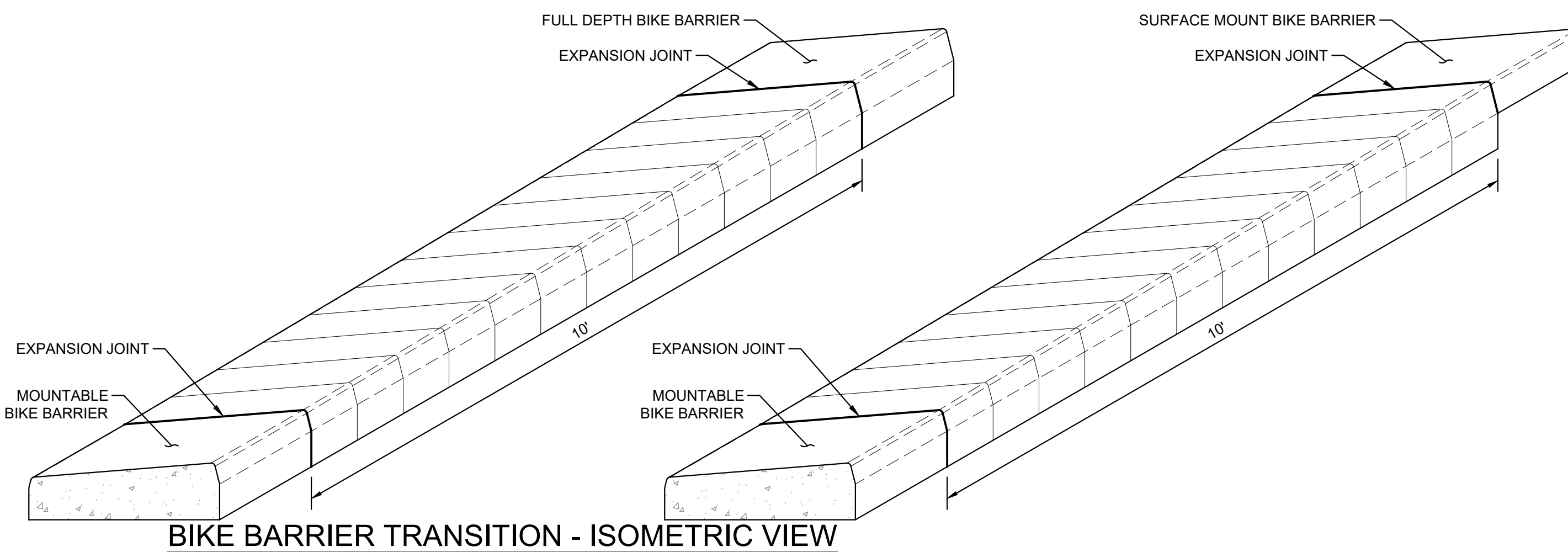


PLAN VIEW

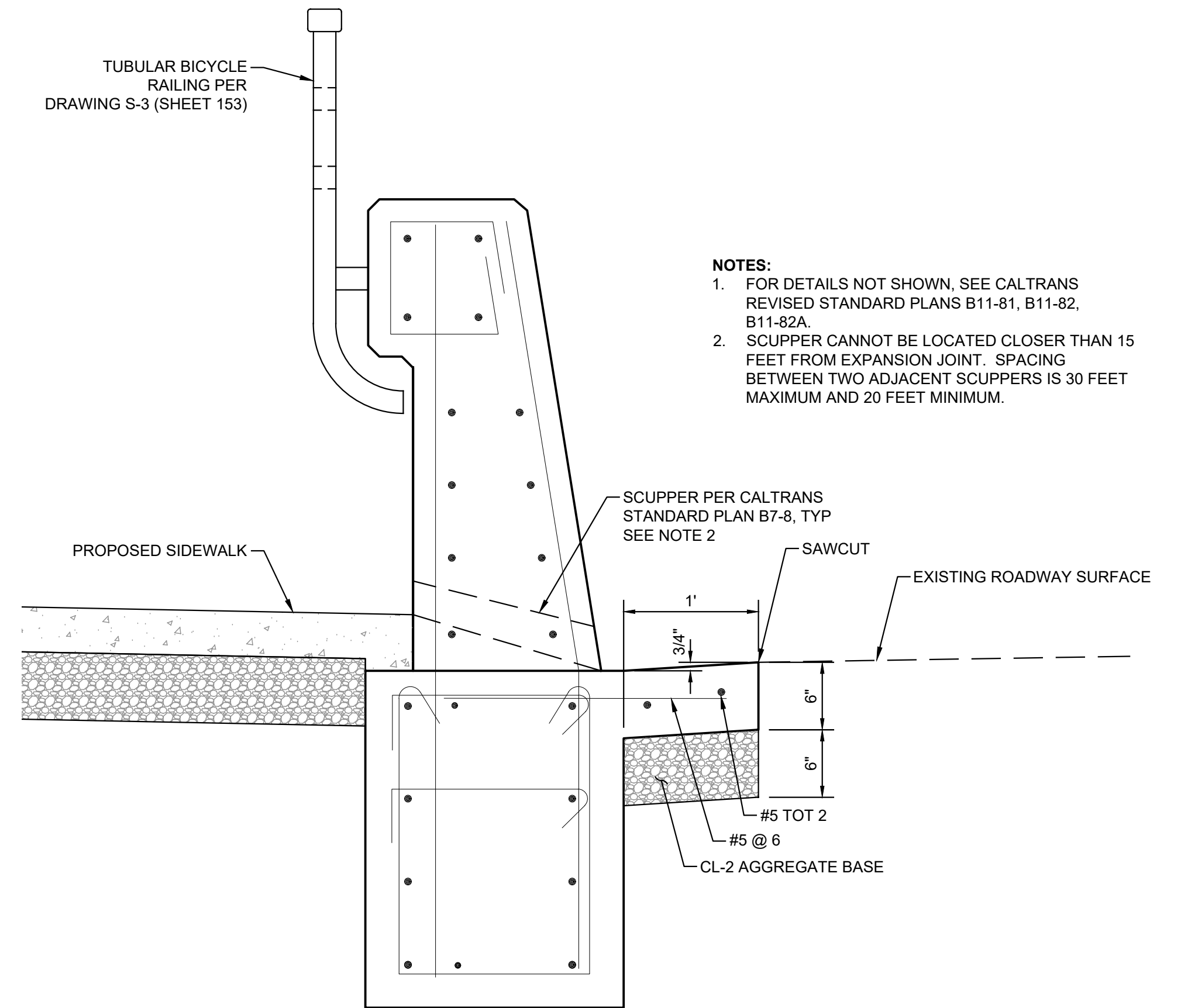
32 SURFACE MOUNT BIKE BARRIER
4" CURB, 4V:1H SLOPE & 6" CURB, 4V:1H SLOPE
N.T.S.



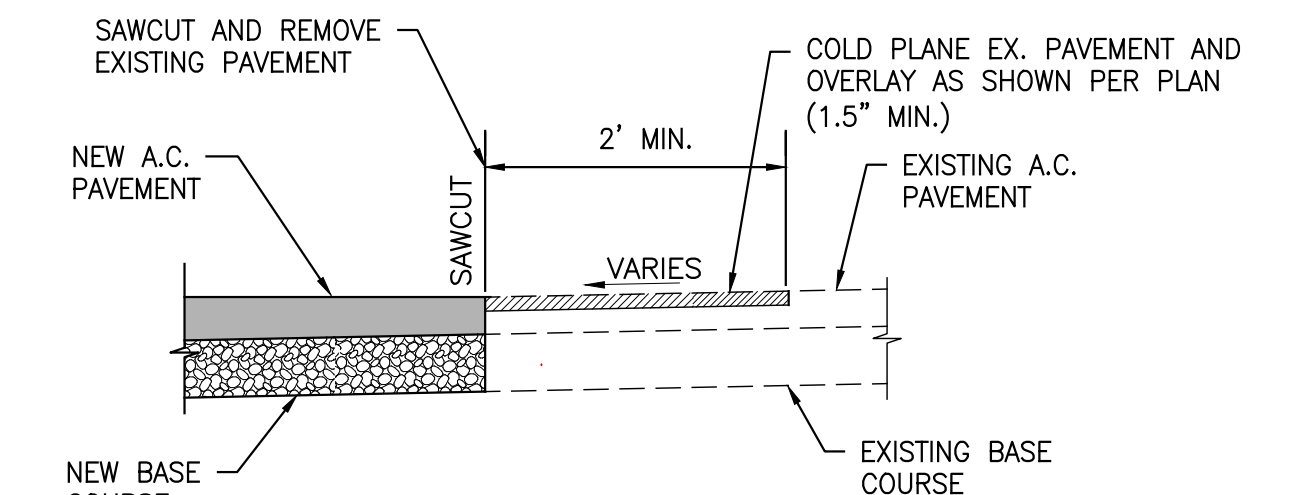
SECTION VIEW



33 MOUNTABLE BIKE BARRIER
2" CURB, 4V:1H SLOPE & 4" CURB, 4V:1H SLOPE
N.T.S.



34 MODIFIED TYPE 842B BARRIER
N.T.S.

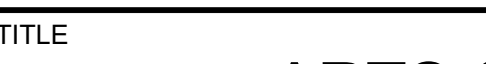


OVERLAY JOIN DETAIL

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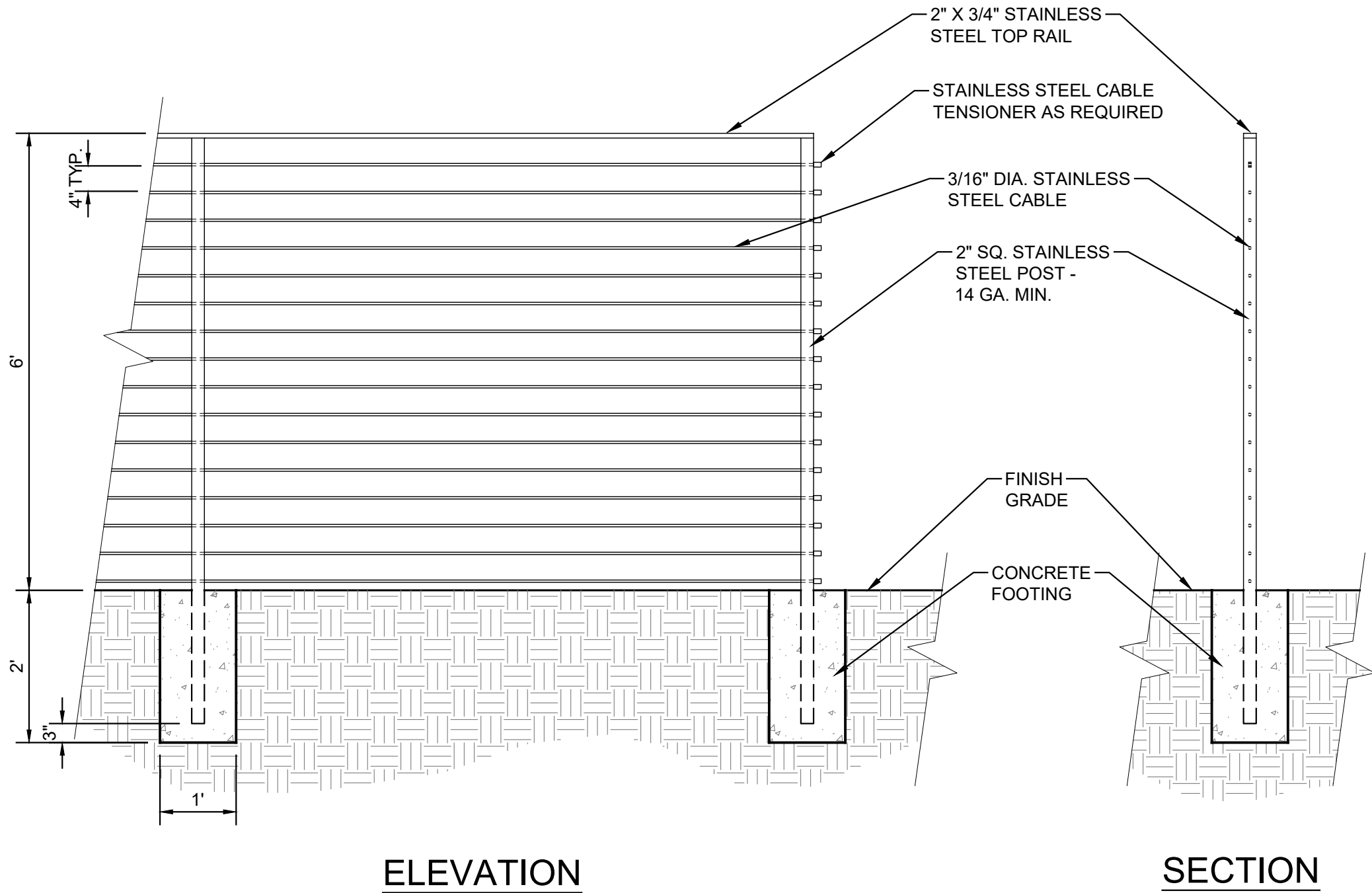
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100% SUBMITTAL

ISSUE	INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS 3758 MCCRAY STREET RIVERSIDE, CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256	APPROVED BY: APPROVED BY: 	R.C.E. NO. 		SHEET TITLE ARTS & MUSIC LINE CIVIL IMPROVEMENT PLANS DETAIL SHEET	DRAWING NO. CG 0401
	PROJECT NO: CAD DWG FILE: DESIGNED BY: DRAWN BY: REVIEWED BY: DATE: SCALE: AS SHOWN	 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG	 REGISTERED PROFESSIONAL ENGINEER DILESH R. No. C65078 CIVIL STATE OF CALIFORNIA	PLANS PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: _____ CHECKED BY: _____ DILESH SHETH R.C.E. NO.: _____ DATE _____	R.C.E. NO. 	R.C.E. NO. 			SHEET 11 OF 269

DWG FILENAME: H:\2020\20-0003\DRAWINGS\PLAN SHEETS\20-0003-ST-CG-0400-DETAIL SHEETS.DWG 9/9/2024 8:58:15 AM myuragc

Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.



84

ELEVATION

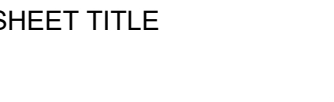
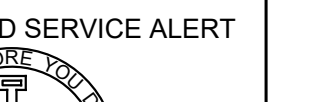
SECTION

CABLE RAIL FENCE

N.T.S.

THIS DOCUMENT IS PRELIMINARY
AND THE INFORMATION CONTAINED
HEREIN IS SUBJECT TO CHANGE

100% SUBMITTAL

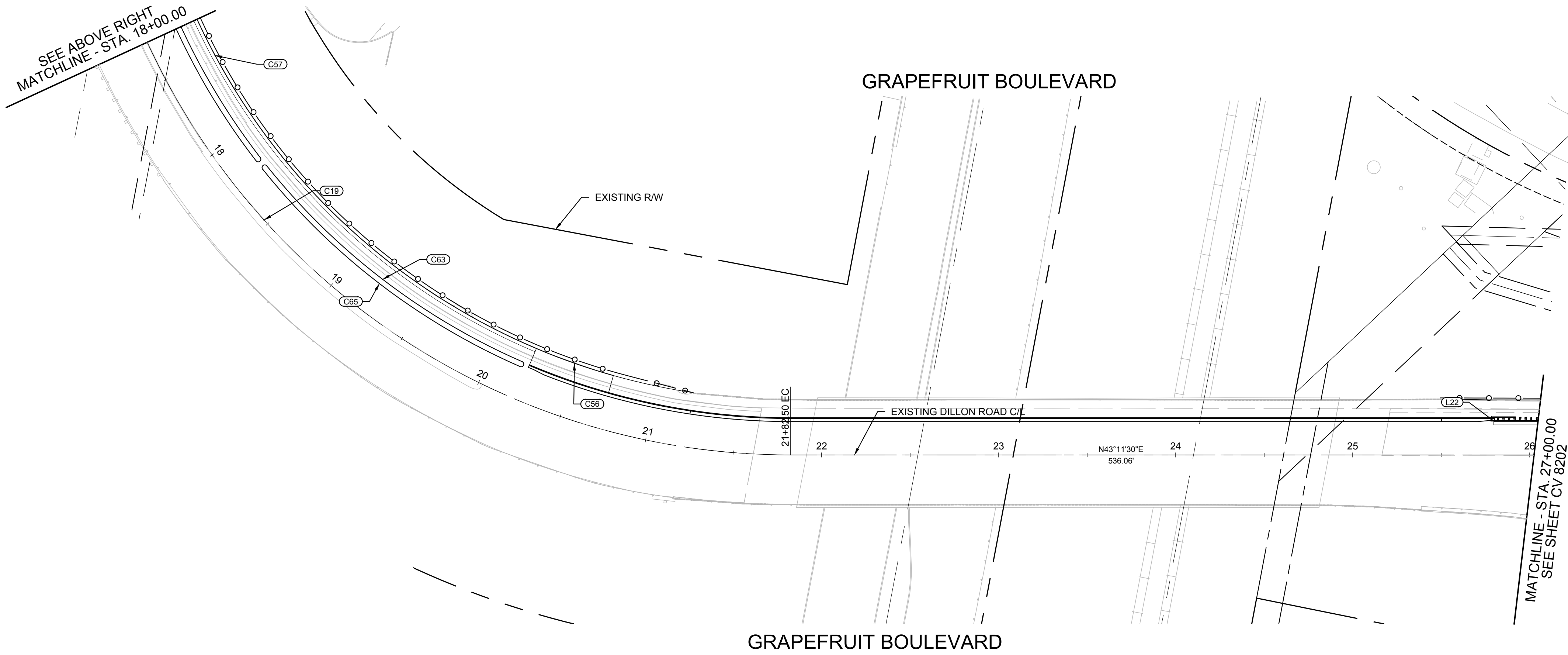
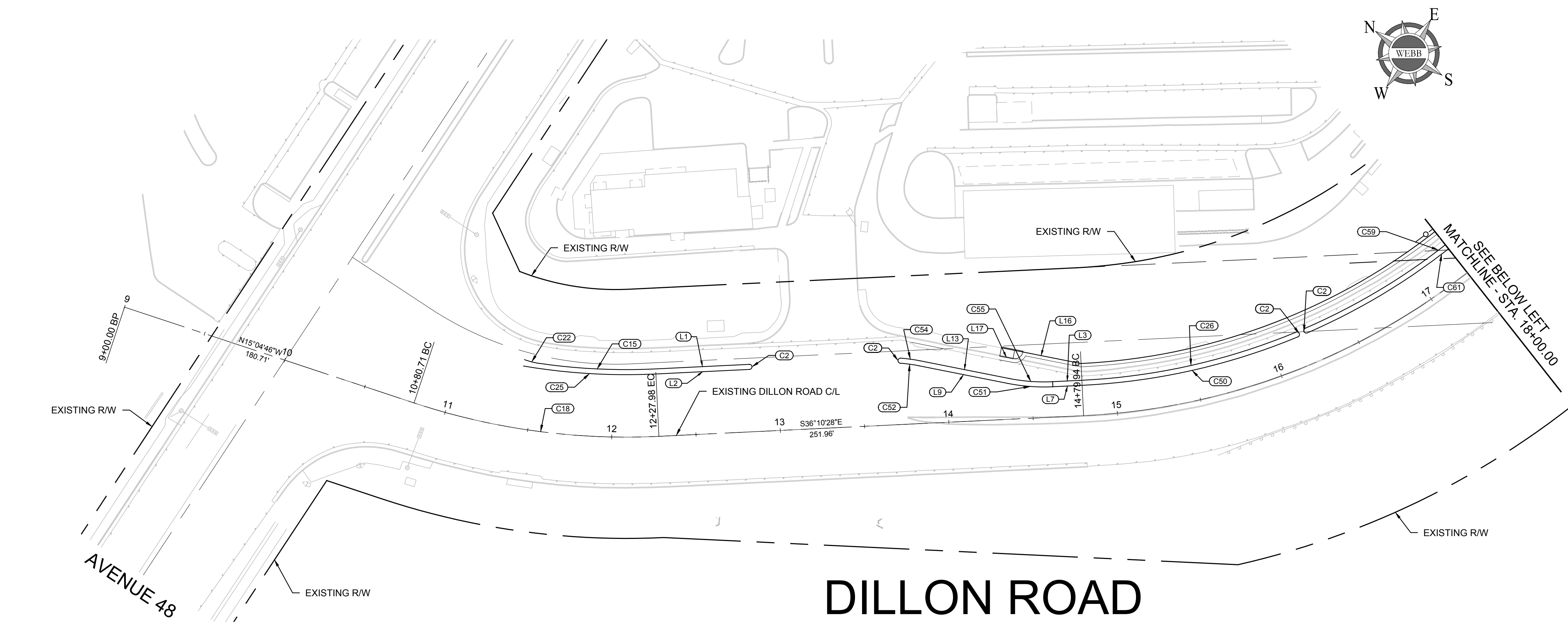
ISSUE	INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ALBERT A. WEBB ASSOCIATES	ENGINEERING CONSULTANTS 3788 MCCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256	APPROVED BY:	R.C.E. NO.	 	SHEET TITLE	DRAWING NO.	
	PROJECT NO:	 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG		PLANS PREPARED UNDER THE SUPERVISION OF:	DESIGNED BY: _____ CHECKED BY: _____	APPROVED BY:	DATE				R.C.E. NO.
	CAD DWG FILE:										
	DESIGNED BY:										
	DRAWN BY:										
REVIEWED BY:	DATE:	SCALE: AS SHOWN	DILESH SHETH R.C.E. NO.:	DATE			ARTS & MUSIC LINE CIVIL IMPROVEMENT PLANS	DETAIL SHEET	SHEET 12 OF 269		

DWG FILENAME: H:\2020\20-0003\DRAWINGS\PLAN SHEETS\20-0003-ST-CV-8200-DILLON ROAD - ALIGNMENT CONTROL.DWG 9/18/2024 10:42:19 AM myyunge

Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.

DILLON ROAD CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C18	147.27	400.00	21°05'42"	74.48
C19	702.56	400.00	100°38'02"	482.09

CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C2	4.71	1.50	180°00'00"	INFINITY
C15	69.26	360.00	11°01'21"	34.74
C22	8.86	41.00	12°22'31"	4.45
C25	78.72	363.00	12°25'28"	39.51
C26	130.68	379.00	19°45'18"	65.99
C50	131.71	381.99	19°45'20"	66.52
C51	26.65	109.00	14°00'37"	13.39
C52	11.08	91.00	6°58'44"	5.55
C54	11.45	94.00	6°58'44"	5.73
C55	25.92	106.00	14°00'37"	13.02
C59	183.52	379.00	27°44'36"	93.59
C61	184.97	381.99	27°44'40"	94.34



FOR PRELIMINARY REVIEW ONLY

ISSUE <table><thead><tr><th>MARK DATE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>	MARK DATE	DESCRIPTION									<table><tr><th>INFO</th></tr><tr><td>PROJECT NO:</td></tr><tr><td>CAD DWG FILE:</td></tr><tr><td>DESIGNED BY: XX</td></tr><tr><td>DRAWN BY:</td></tr><tr><td>REVIEWED BY: XX</td></tr><tr><td>DATE:</td></tr><tr><td>SCALE: AS SHOWN</td></tr></table>	INFO	PROJECT NO:	CAD DWG FILE:	DESIGNED BY: XX	DRAWN BY:	REVIEWED BY: XX	DATE:	SCALE: AS SHOWN	UNDERGROUND SERVICE ALERT  DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG	ENGINEER OF RECORD'S SEAL  REGISTERED PROFESSIONAL ENGINEER DILESH R. SHETH No. C65078 CIVIL STATE OF CALIFORNIA	ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS 3788 MCCRAY STREET RIVERSIDE CA. 92506 PH: (951) 686-1070 FAX (951) 788-1256 PLANS PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: _____ CHECKED BY: _____ DATE: _____ DILESH SHETH R.C.E. NO.: CXXXXX	APPROVED BY: APPROVED BY:	<table><tr><td>R.C.E. NO.</td><td rowspan="3"></td></tr><tr><td>DATE</td></tr><tr><td>R.C.E. NO.</td></tr><tr><td>DATE</td><td> </td></tr></table>	R.C.E. NO.	  	DATE	R.C.E. NO.	DATE		SHEET TITLE ARTS & MUSIC LINE ALIGNMENT CONTROL DILLON ROAD FROM STA. 9+00.00 TO STA. 27+00.00	DRAWING NO. CV 6201 SHEET 43 OF 269
	MARK DATE	DESCRIPTION																														
INFO																																
PROJECT NO:																																
CAD DWG FILE:																																
DESIGNED BY: XX																																
DRAWN BY:																																
REVIEWED BY: XX																																
DATE:																																
SCALE: AS SHOWN																																
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DATE																																

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ISSUE

MARK DATE	DESCRIPTION

INFO
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CAD DWG FILE: CVAG_DWG_#
DESIGNED BY: JWB
DRAWN BY: JWB
REVIEWED BY: JWB
DATE: 09/02/2020
SCALE: AS SHOWN

UNDERGROUND SERVICE ALERT



DIAL TOLL FREE
1-800-422-4133
DATE: 09/02/2020
AT LEAST TWO WORKING DAYS
BEFORE YOU DIG

ENGINEER OF RECORD'S SEAL



DILESH R. SHETH
No. C65078
CIVIL
STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES

ENGINEERING CONSULTANTS
3788 MCCRAY STREET
RIVERSIDE CA. 92506
PH: (951) 686-1070
FAX (951) 788-1256

PLANS PREPARED UNDER THE SUPERVISION OF:
DILESH SHETH
R.C.E. NO.: C65078

DESIGNED BY: JWB
CHECKED BY: DRS
DATE:

APPROVED BY:

APPROVED BY:

R.C.E. NO.

DATE

R.C.E. NO.

DATE





SHEET TITLE

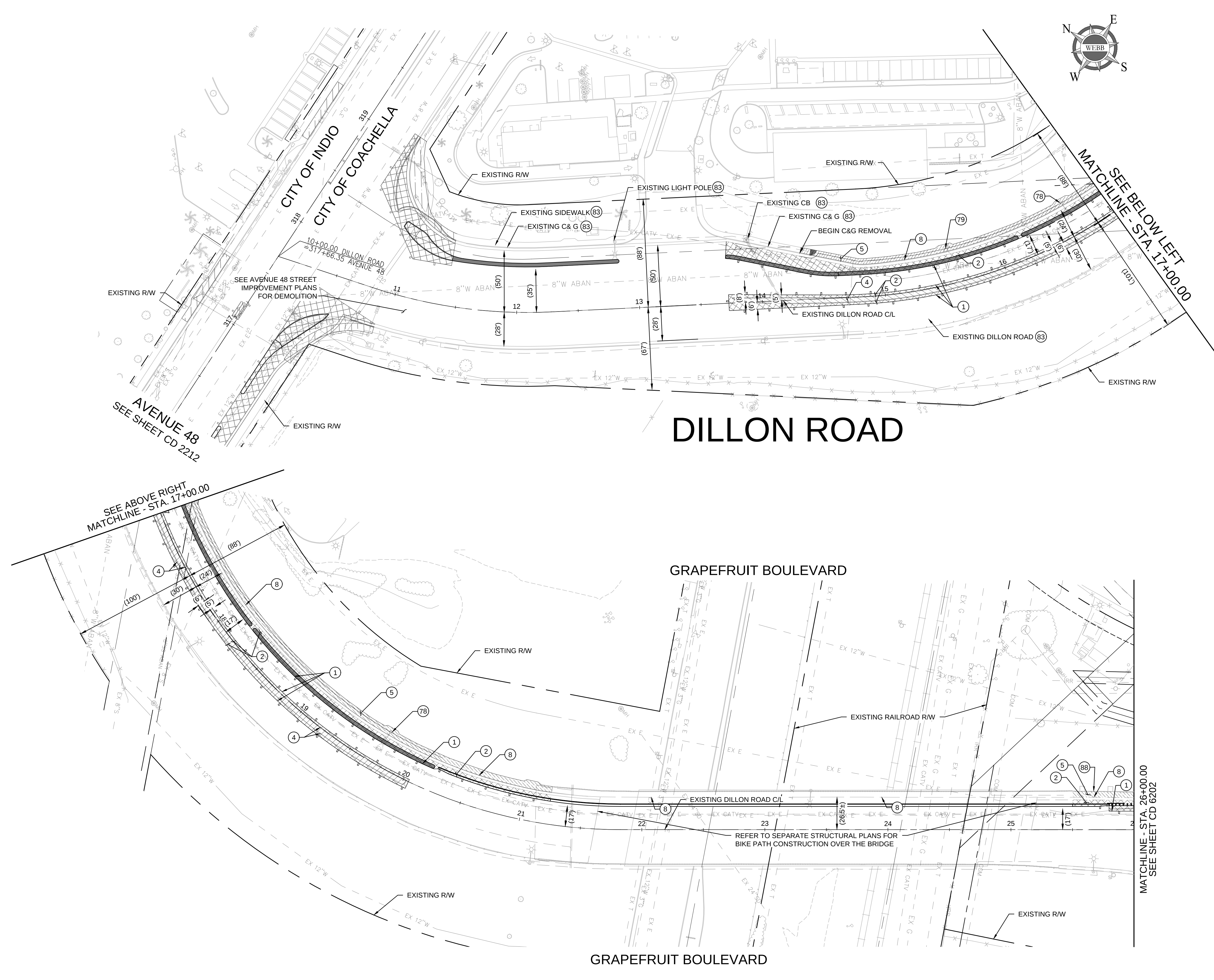
ARTS & MUSIC LINE
DEMOLITION PLANS

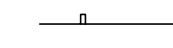
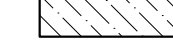
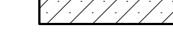
DILLON ROAD
FROM STA. 9+00.00 TO STA. 27+00.00

DRAWING NO.

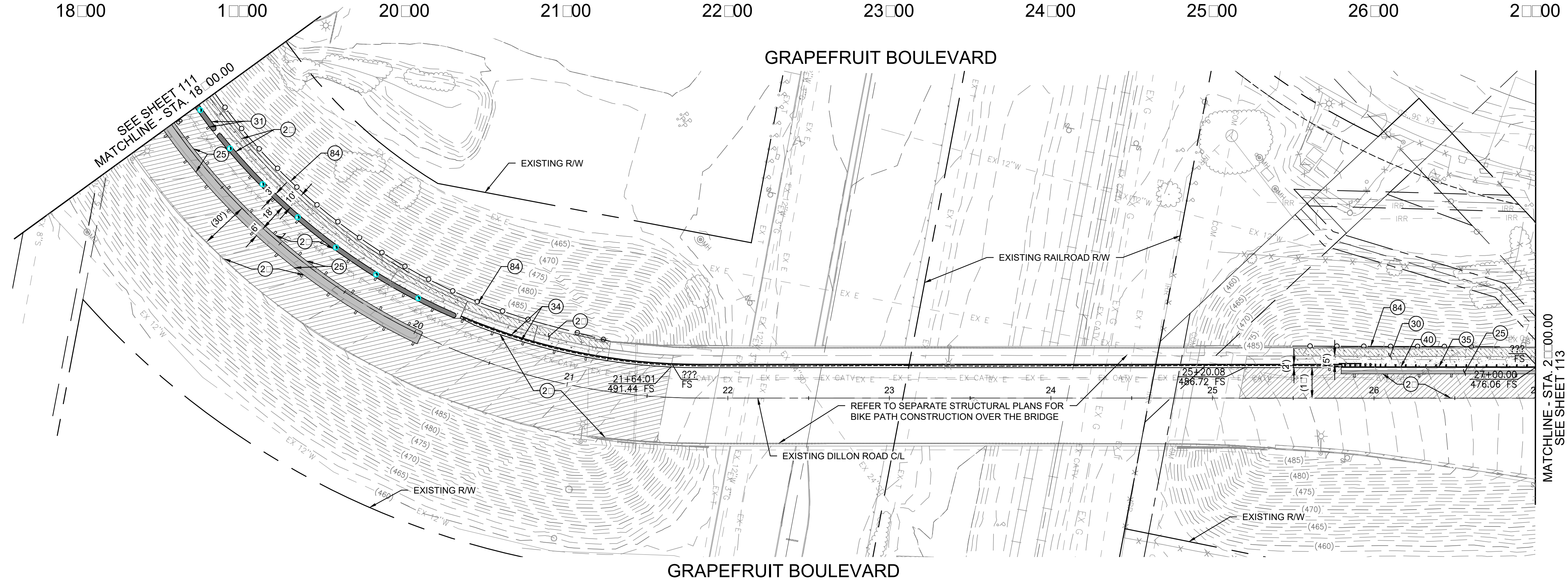
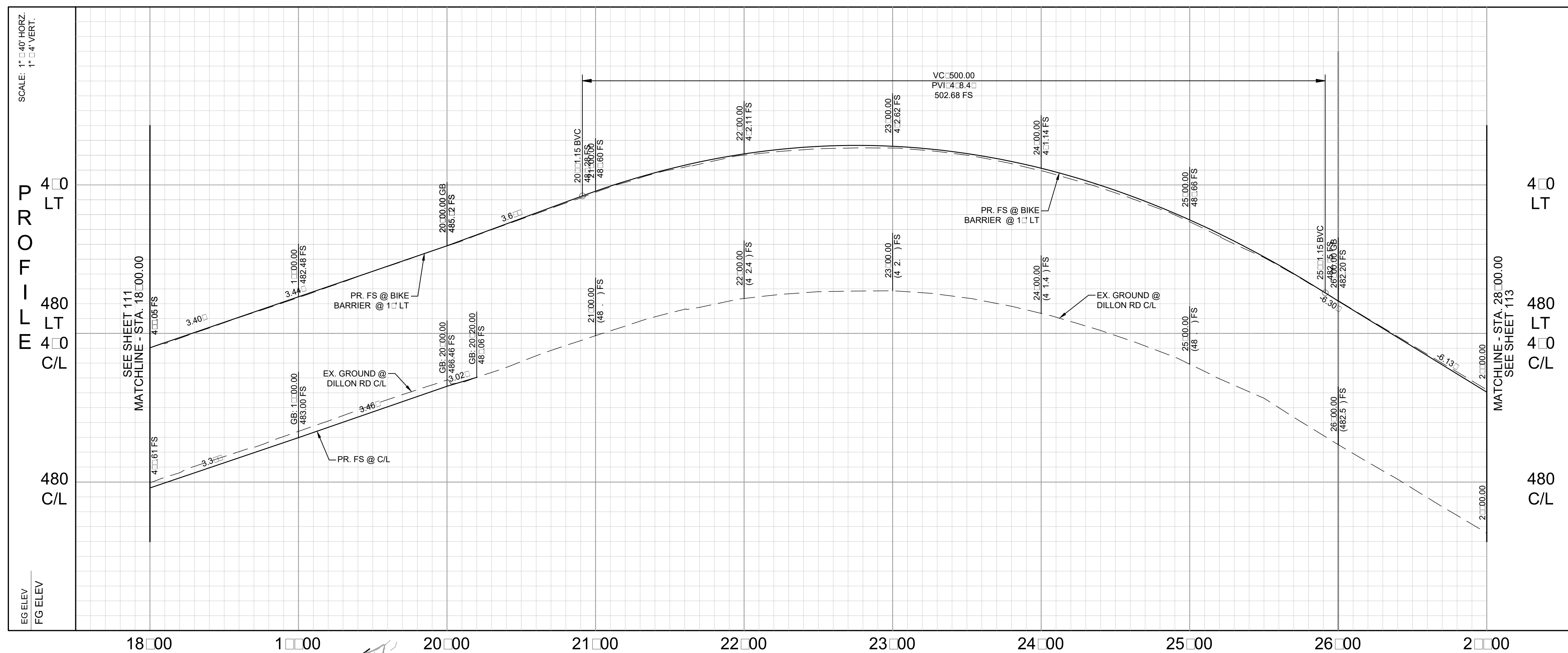
CD 6201

SHEET 67 OF 269



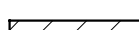
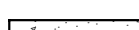
- CONSTRUCTION NOTES
- 1 SAWCUT EXISTING PAVEMENT
 - 2 REMOVE EXISTING PAVEMENT
 - 4 REMOVE EXISTING PCC MEDIAN
 - 5 REMOVE EXISTING PCC SIDEWALK
 - 8 REMOVE EXISTING CURB & GUTTER
 - 69 CONSTRUCT SLOUGH WALL (H=3')
 - 70 CONSTRUCT CATCH BASIN PER SPPWC DWG. NO. 300-3, W PER PLAN
 - 73 CONSTRUCT TRENCH DRAIN PER DETAILS ON SHEET 12
 - 78 REMOVE AND RELOCATE EXISTING STREET LIGHT PER SEPARATE PLAN
- LEGEND
-  REMOVE EXISTING PAVEMENT
 -  SAWCUT EXISTING PAVEMENT
 -  REMOVE EXISTING PCC SIDEWALK
 -  REMOVE EXISTING PCC MEDIAN

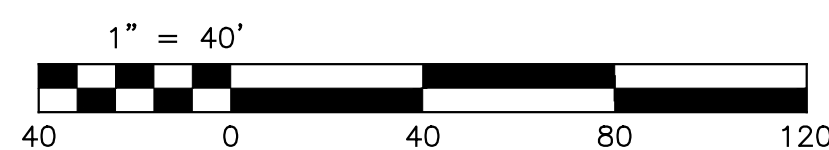
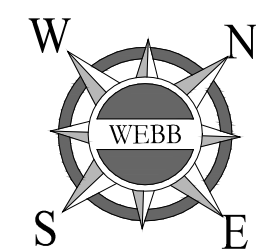
100% SUBMITTAL



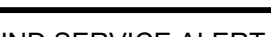
CONSTRUCTION NOTES

- (25) CONSTRUCT 6" AC OVER 12" CLASS II AGGREGATE BASE
- (26) CONSTRUCT 2" OVERLAY
- (27) CONSTRUCT 6.5" PCC OVER 4" CLASS II AGGREGATE BASE
- (30) CONSTRUCT 4" PCC OVER COMPACTED NATIVE
- (31) CONSTRUCT FULL DEPTH BIKE BARRIER PER DETAIL ON SHEET 11
- (34) CONSTRUCT MODIFIED TYPE 842B BARRIER PER DETAIL ON SHEET 11
- (35) INSTALL MIDWEST GUARDRAIL SYSTEM PER CALTRANS STANDARD PLAN A77Q1, TYPE 12A LAYOUT
- (40) CONSTRUCT 6" CURB & GUTTER PER CITY OF COACHELLA STANDARD DWG. S-7
- (84) INSTALL CABLE RAIL FENCE PER DETAIL ON SHEET 12

LEGEND	
	ADJUST EXISTING MANHOLE TO GRADE PER CVWD STANDARD DWG. S-1B AND S-5
	SAWCUT EXISTING PAVEMENT
	CONSTRUCT 2" OVERLAY
	CONSTRUCT 6.5" PCC OVER 4" CLASS II AGGREGATE BASE
	CONSTRUCT BIKE BARRIER



100% SUBMITTAL

ISSUE	INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ALBERT A. WEBB ASSOCIATES	ENGINEERING CONSULTANTS	APPROVED BY:	R.C.E. NO.	 		SHEET TITLE	ARTS & MUSIC LINE STREET IMPROVEMENT PLANS DILLON ROAD FROM STA. 18+00.00 TO STA. 2+00.00	DRAWING NO. CI 6302
	PROJECT NO: CVAG-PROJ- CAD DWG FILE: CVAG-DWG- DESIGNED BY: JWB DRAWN BY: JWB REVIEWED BY: DRS DATE: 01/02/2020 SCALE: AS SHOWN	 DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG	 DILESH R. SHETH No. C65078 CIVIL STATE OF CALIFORNIA	3785 MCGRAY STREET RIVERSIDE, CA 92506 PH. (951) 686-1070 FAX (951) 788-1256	PLANS PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: JWB CHECKED BY: DRS	APPROVED BY: DATE:	R.C.E. NO. DATE:					
	MARK DATE	DESCRIPTION										

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Line measures 1 inch on full scale drawing. If not 1 inch scale accordingly.

ISSUE

MARK DATE	DESCRIPTION

INFO
PROJECT NO:
CAD DWG FILE:
DESIGNED BY: A.C
DRAWN BY: T.T
REVIEWED BY: T.T
DATE: 08/2024
SCALE: AS SHOWN

UNDERGROUND SERVICE ALERT



DIAL TOLL FREE
1-800-422-4133
DATE: 08/2024
AT LEAST TWO WORKING DAYS
BEFORE YOU DIG

ENGINEER OF RECORD'S SEAL



REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
ADAM S. CHASE
CIVIL
STATE OF CALIFORNIA

COR

PLANS PREPARED UNDER THE SUPERVISION OF: ADAM CHASE R.C.E. NO.: 4043

DESIGNED BY: A.C. BY: T.T. CHECKED BY: J.T.

NOV. 2024 DATE

APPROVED BY:	
APPROVED BY:	

R.C.E. NO. DATE

R.C.E. NO. DATE



SHEET TITLE

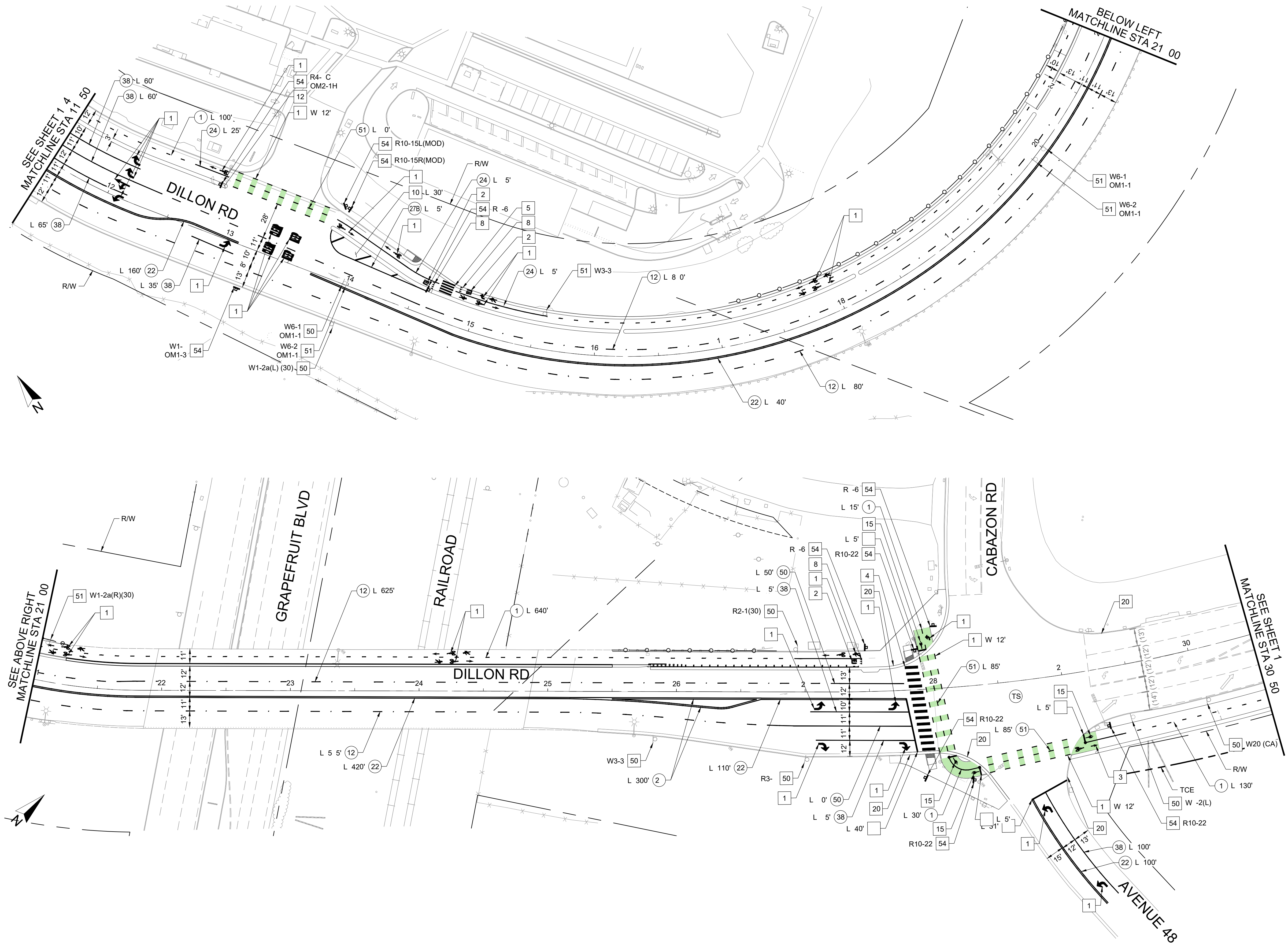
ARTS SIGNING MUSIC LINE STRIPING PLANS

DILLON RD CABAZON RD

DRAWING NO.

SS-6201

SHEET 1 8 OF 26



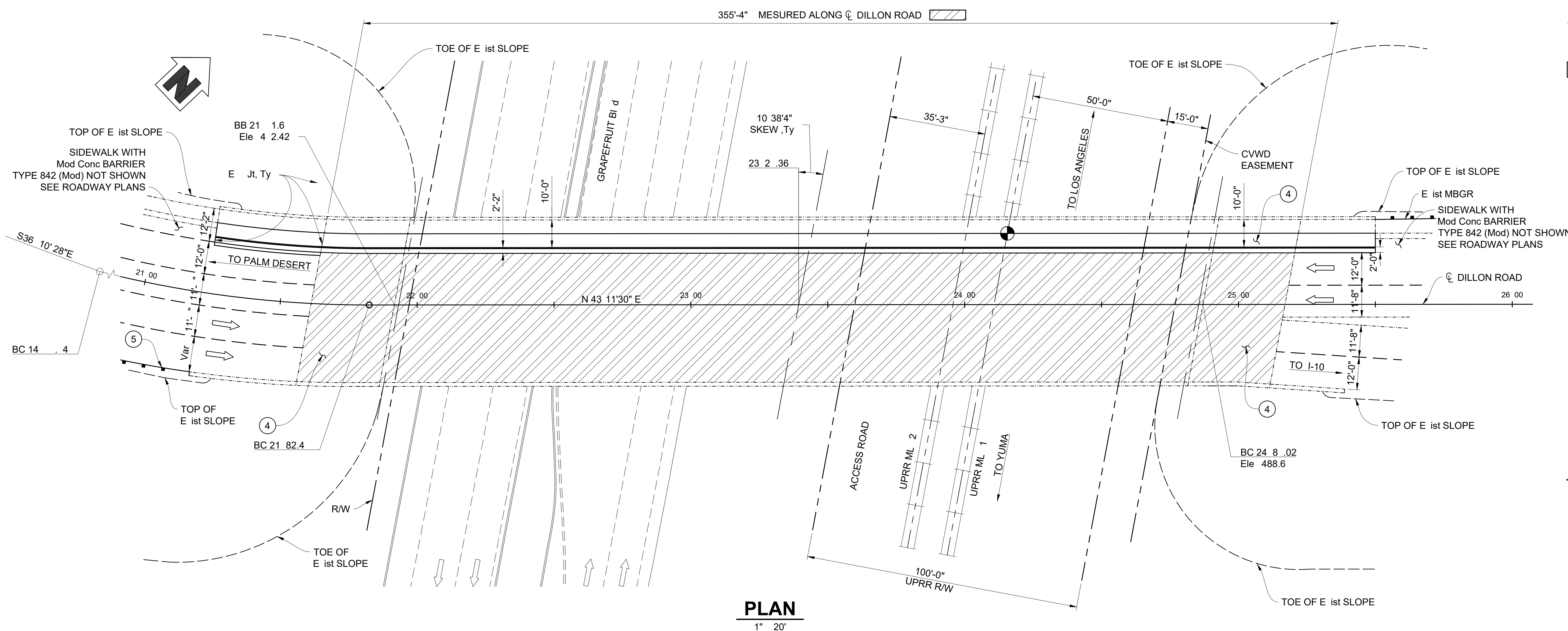
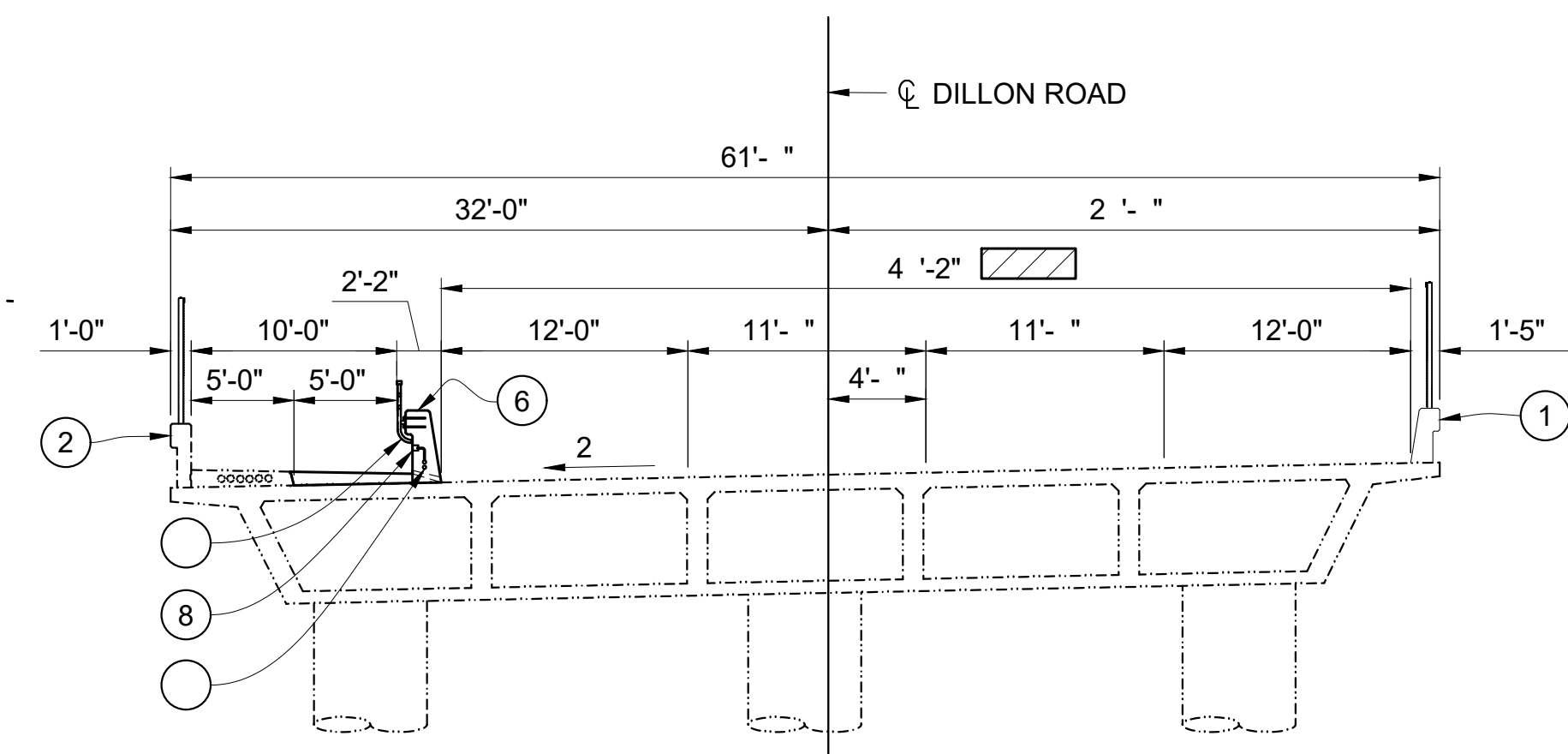
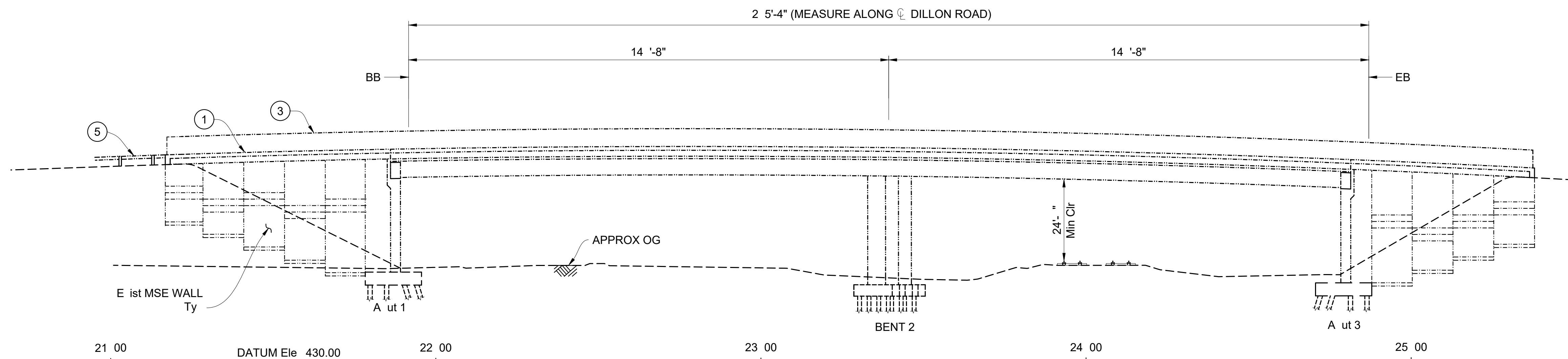
SIGNING AND STRIPING NOTES

- 1 FURNISH AND INSTALL TWO-COAT PAINT PAVEMENT MARKING PER CALTRANS STD. PLAN. SEE LEGEND ON SHEET 15 .
- 2 FURNISH AND INSTALL "YIELD" PAVEMENT MARKING PER DETAIL ON SHEET 158.
- 3 FURNISH AND INSTALL BIKE LANE WITH ARROW PAVEMENT MARKING PER DETAIL ON SHEET 158.
- 4 FURNISH AND INSTALL 2'X10' WHITE TWO-COAT PAINT CONTINENTAL CROSSWALK AT 5' INTERVALS CENTER TO CENTER PER DETAIL ON SHEET 158.
- 5 FURNISH AND INSTALL 1'X10' WHITE TWO-COAT PAINT CONTINENTAL CROSSWALK AT 2' INTERVALS CENTER TO CENTER PER DETAIL ON SHEET 158.
- 6 FURNISH AND INSTALL 12" WHITE TWO-COAT PAINT LIMIT LINE.
- 8 FURNISH AND INSTALL WHITE BICYCLE YIELDING MARKING PER DETAIL ON SHEET 158.
- 13 FURNISH AND INSTALL TYPE D BLUE RETROREFLECTIVE PAVEMENT MARKER 6" FROM LEFT EDGE LINE.
- 15 FURNISH AND INSTALL BICYCLE DETECTOR PAVEMENT MARKING PER DETAIL ON SHEET 158.
- 1 FURNISH AND INSTALL GREEN BIKE CONFLICT MARKING PER DETAIL ON SHEET 158.
- 50 EXISTING SIGN TO REMAIN.
- 20 FURNISH AND INSTALL WHITE CURB PAINT WITH WHITE REFLECTIVE MARKERS BETWEEN CROSSWALKS SPACED 3' O.C.
- 51 EXISTING SIGN TO BE REMOVED.
- 53 EXISTING SIGN TO BE RELOCATED PER PLAN.
- 54 FURNISH AND INSTALL NEW SIGN AND BREAK AWAY POST PER DETAIL ON SHEET 158.

STRIPING DETAILS

- 1 INSTALL YELLOW BROKEN LINE (DETAIL 52) PER DETAIL ON SHEET 158.
- 12 INSTALL WHITE LANE LINE (DETAIL 12) PER CALTRANS STD. PLAN A20A.
- 24 INSTALL MODIFIED 4" YELLOW LEFT EDGE LINE (DETAIL 24) PER CALTRANS STD. PLAN A20B.
- 27B INSTALL WHITE RIGHT EDGE LINE (DETAIL 2 B) PER CALTRANS STD. PLAN A20B.
- 2 INSTALL YELLOW MEDIAN ISLAND LINE (DETAIL 2) PER CALTRANS STD. PLAN A20B.
- 38 INSTALL WHITE CHANNELIZING LINE (DETAIL 38) PER CALTRANS STD. PLAN A20D.
- 39A INSTALL WHITE INTERSECTION BIKE LANE LINE (DETAIL 3 A) PER CALTRANS STD. PLAN A20D.
- 50 INSTALL WHITE LINE (DETAIL 50) PER DETAIL ON SHEET 158.
- 51 INSTALL YELLOW INTERSECTION BIKE LANE LINE (DETAIL 51) PER DETAIL ON SHEET 158.

100 SUBMITTAL



LEGEND:

Existing Structure

 Direction of Traffic

 Indicates Limits of Furnish Bridge Deck Treatment Material and Prepare and Treat Bridge Deck With Methacrylate. Prior to Deck Treatment, Remove Unsound Concrete and Place Ready Setting Concrete (Patch) as Shown On "JOINT AND DECK REPAIR DETAIL" DETAIL ON "BRIDGE REHABILITATION DETAILS" Sheet.

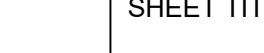
Point of Minimum Vertical Clearance

NOTES:

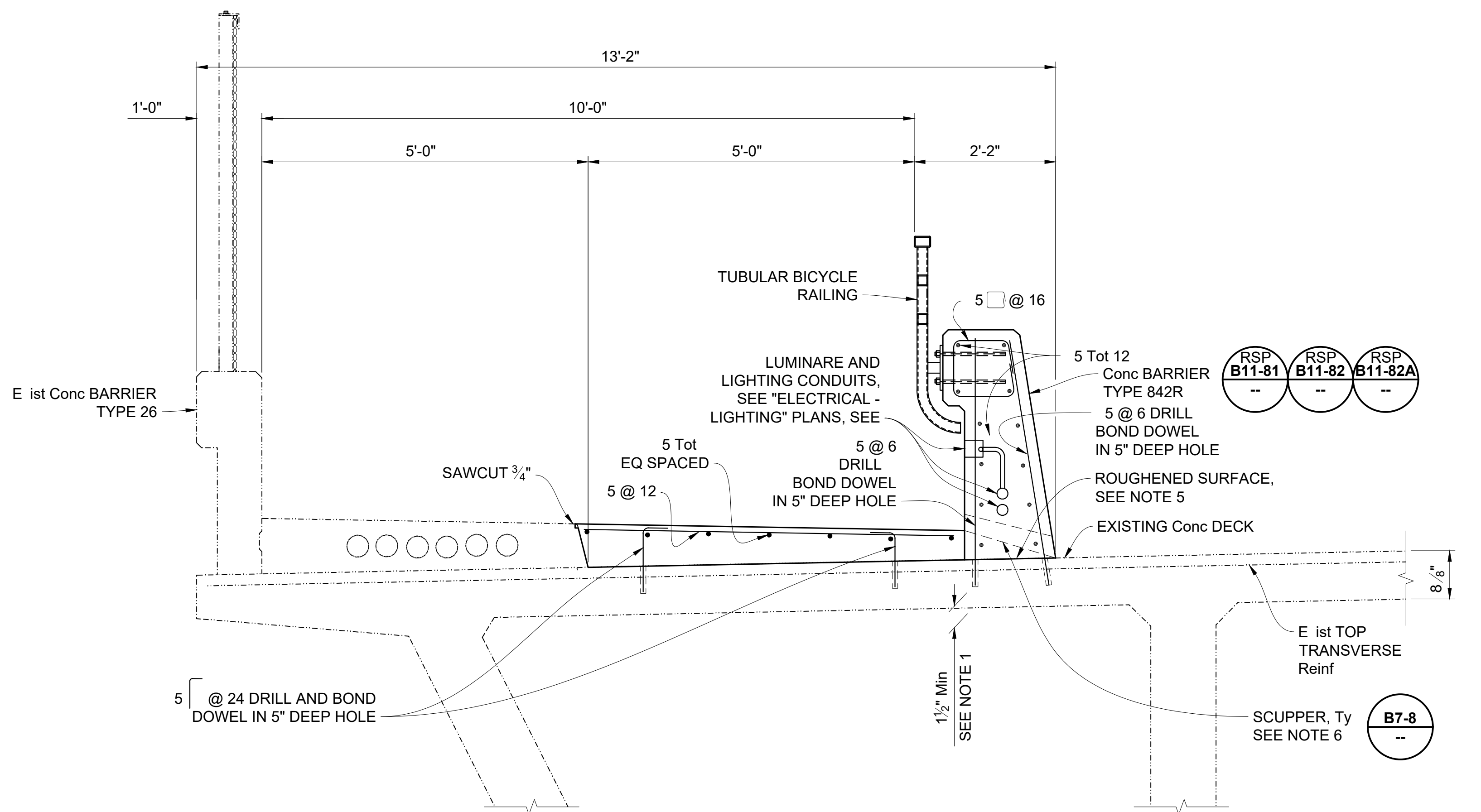
- ① E ist Concrete arrier Ty e 32
- ② E ist Concrete arrier Ty e 26
- ③ E ist Chain lin railing Ty e
- ④ E ist Structure a roach Ty e N (30S)
- ⑤ E ist MBGR
- ⑥ Concrete arrier Ty e 842R
- ⑦ Tu ular Bicycle Railing
- ⑧ Luminaire, see "ELECTRICAL - LIGHTING" Plans.
- ⑨ 2-2" Conduits, see "ELECTRICAL - LIGHTING" Plans.

INDEX TO PLANS

SHEET NO.	SHEET TITLE
S-1	GENERAL PLAN
S-2	CONCRETE BARRIER DETAILS
S-3	TUBULAR BICYCLE RAILING DETAILS
S-4	JOINT ARMOR FOR PEDESTRIAN WALKWAYS
S-5	BRIDGE REHABILITATION DETAILS

ISSUE	INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ENGINEERING CONSULTANTS	APPROVED BY:	R.C.E. NO.	 	SHEET TITLE	ARTS MUSIC LINE DILLON ROAD ALTERNATIVES GENERAL PLAN DILLON ROAD GRADE SEPARATION	DRAWING NO. S-1
	PROJECT NO:			TANA Engineers & Architects						
	CAD DWG FILE:			PLANS PREPARED UNDER THE SUPERVISION OF:	CHECKED BY:					
	DESIGNED BY:			QUYET T. NGUYEN	DATE					
	DRAWN BY:			R.C.E. NO.: C 1 43						
	REVIEWED BY:									
	DATE:	SCALE: AS SHOWN								SHEET 121 OF 1

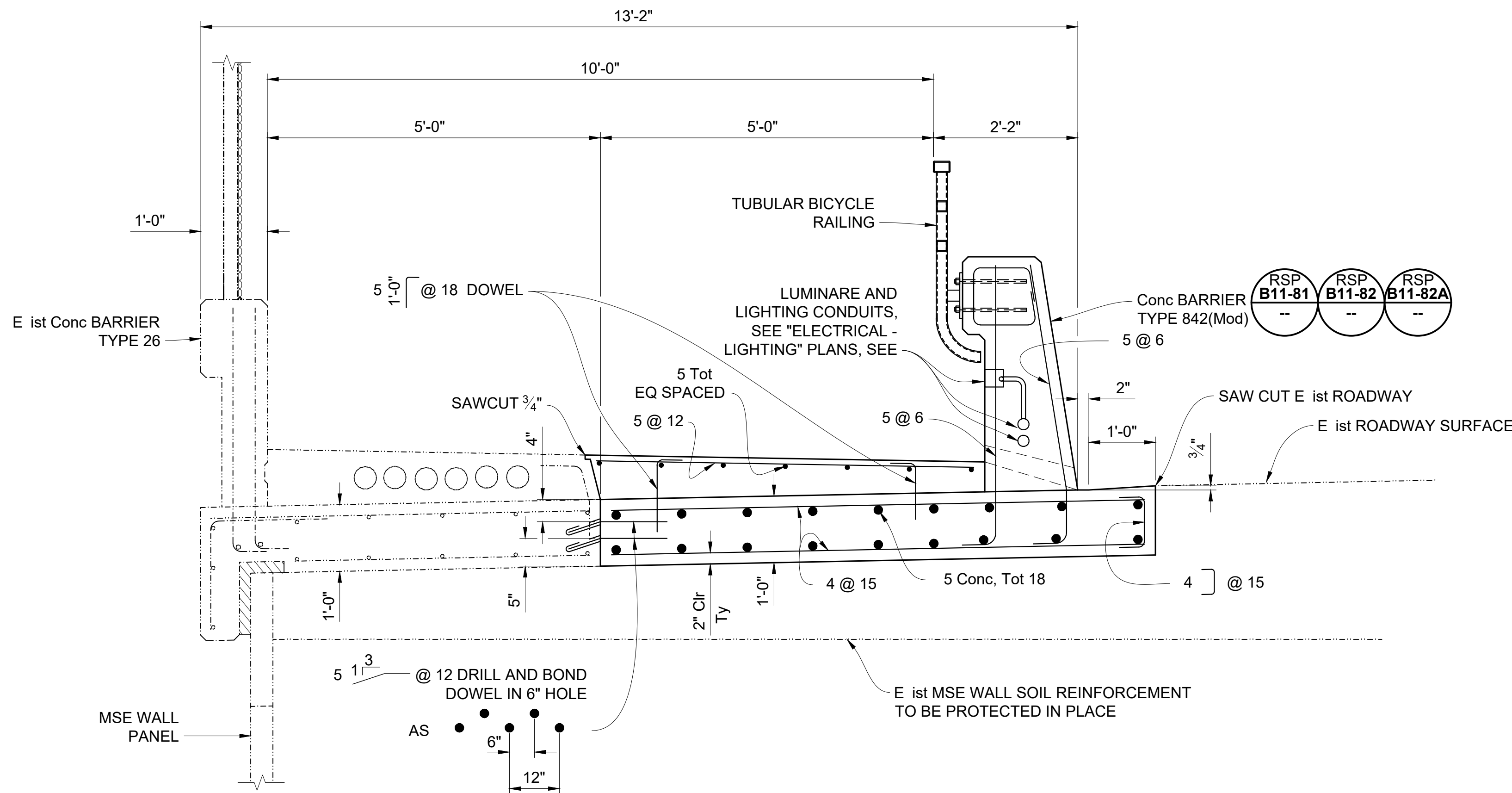
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NOTE: Ty ical Section on ridge dec shown, section on a roach sla similar.

TYPICAL SECTION AT DECK AND APPROACH SLAB

3/4" 1'-0"



TYPICAL SECTION AT MSE WALL

3/4" 1'-0"

CONCRETE BARRIER DESIGN NOTES:

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

CT: 54 in minimum traffic impact distributed over "L" 3.5 feet at the top of the barrier, which results in the following values for "Lc" at the deck slab:

Interior Segment**	Near Joint Segment***
15. Feet	6. Feet

Load Combinations and "Lc" given for barrier attachments to existing ridge deck only.

** Typical Segment at least "Lc" away from End Segment, *** Near Joint Segment within "Lc" from deck joint.

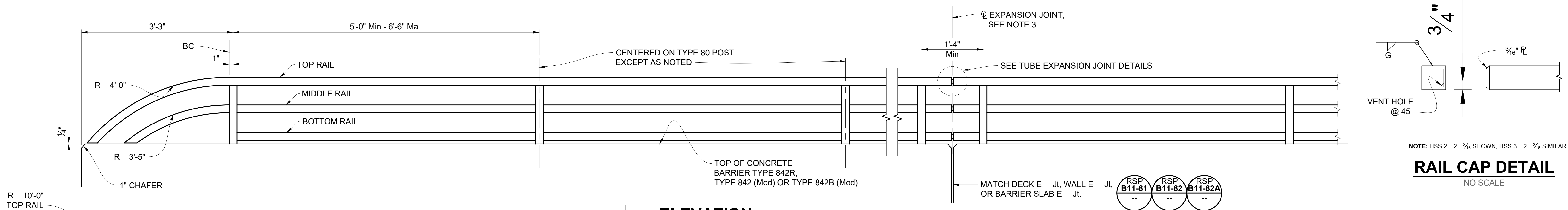
Load Combinations:
Extreme II Q 1.00DC 1.00CT

Where:

Q: Force Effects
DC: Dead Load of Structure Components
CT: Vehicular Collision Force
IM: Vehicular Dynamic Load Allowance

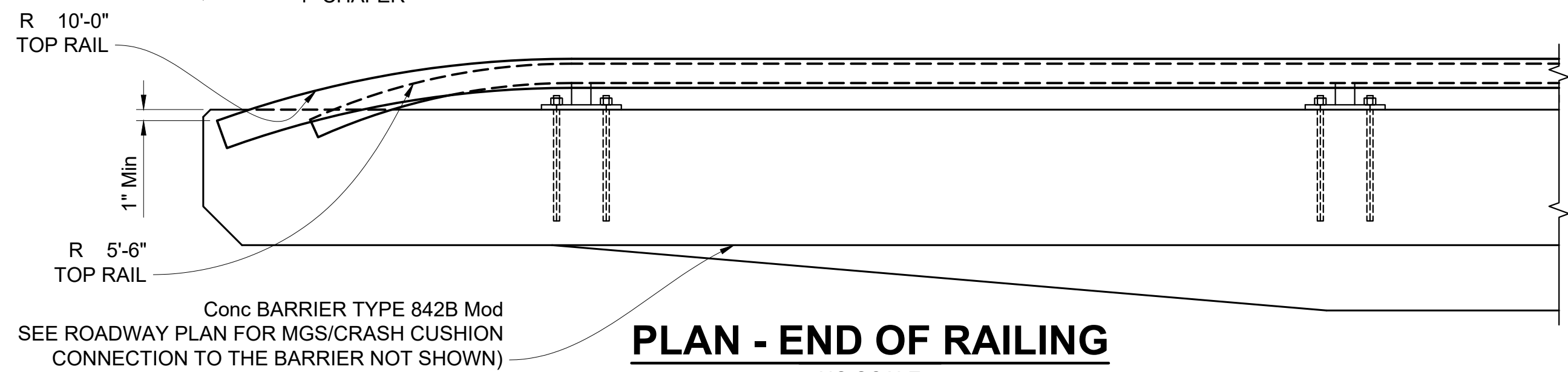
NOTES:

1. Avoid existing reinforcement when drilling.
2. For details not shown, see Caltrans Revised Standard Plans RSP B11-81, RSP B11-82, RSP B11-82A. Dimensions may vary with roadway cross slope and with certain thicknesses of surfacing. See ROADWAY PLANS.
3. Clearance to reinforcing steel shall be 2", except as noted. Longitudinal reinforcement shall stop at all expansion joints.
4. For typical metal railing connection details not shown, see Caltrans Standard Plans A U1 and A U2.
5. Roughen existing ridge deck surface before casting new concrete against existing concrete.
6. Scupper cannot be located closer than 15 feet from expansion joint. Spacing between two adjacent scuppers is 30 feet maximum and 20 feet minimum.
7. Lightweight concrete (f'c 3.25 ksi) shall be used for the sidewalk concrete on ridge deck.



RAIL CAP DETAIL

NO SCALE

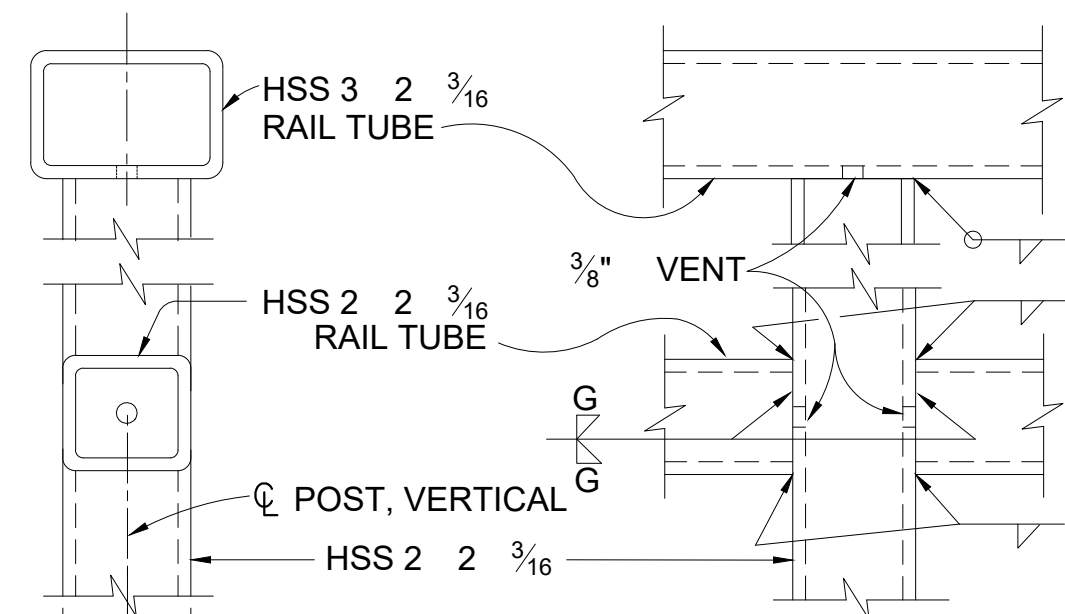


PLAN - END OF RAILING

NO SCALE

ELEVATION

NO SCALE

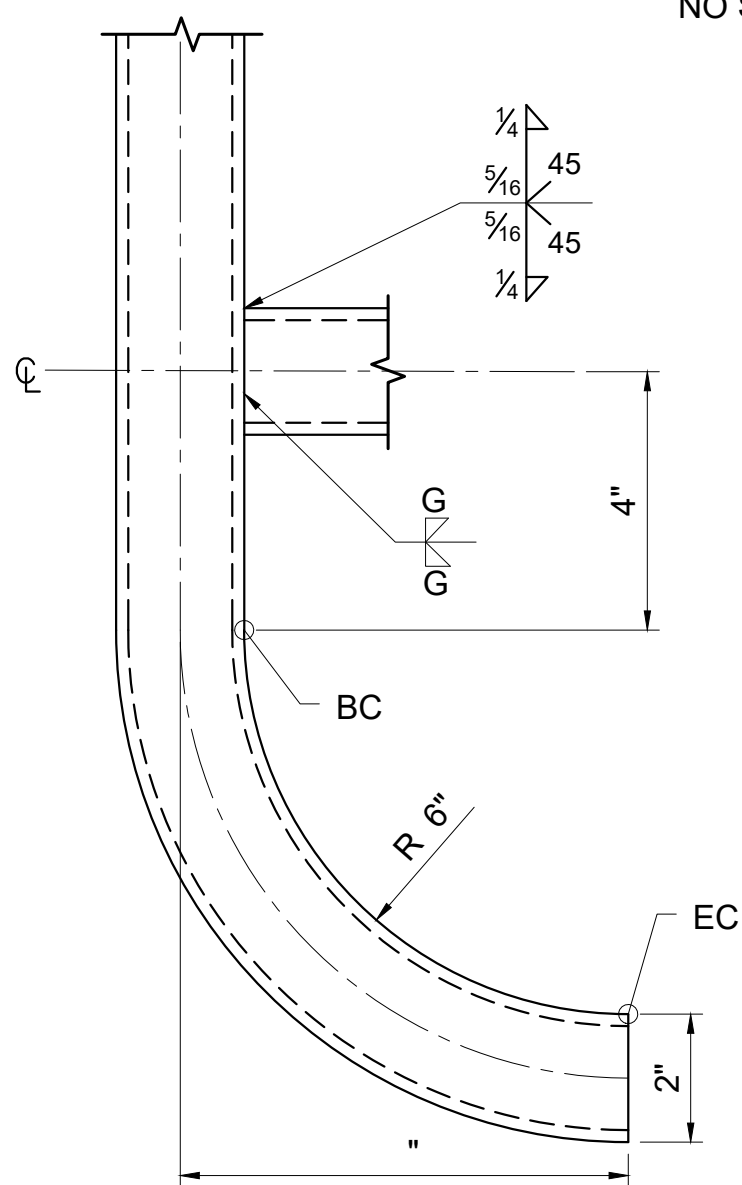


SECTION

ELEVATION

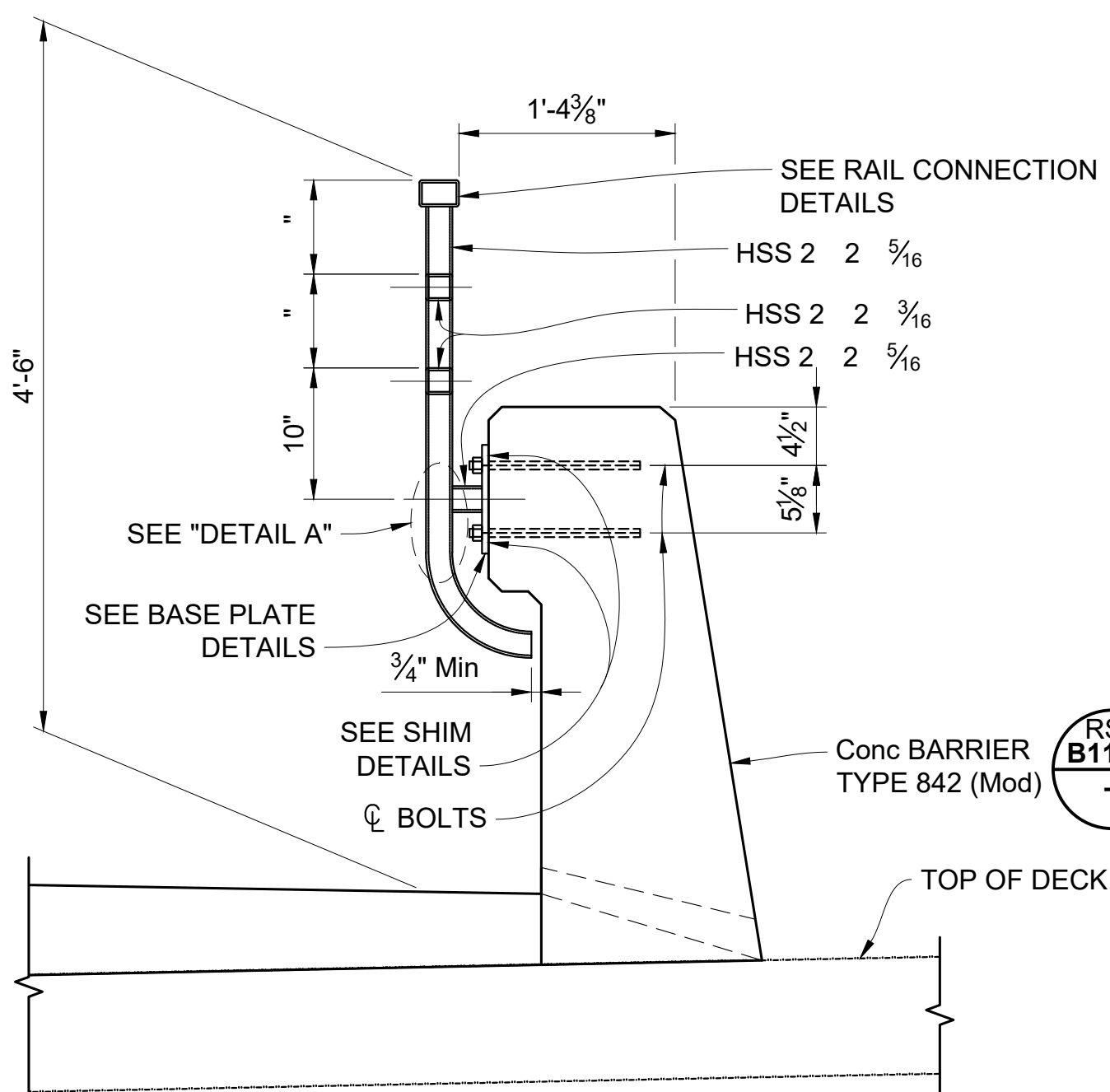
RAIL CONNECTION DETAILS

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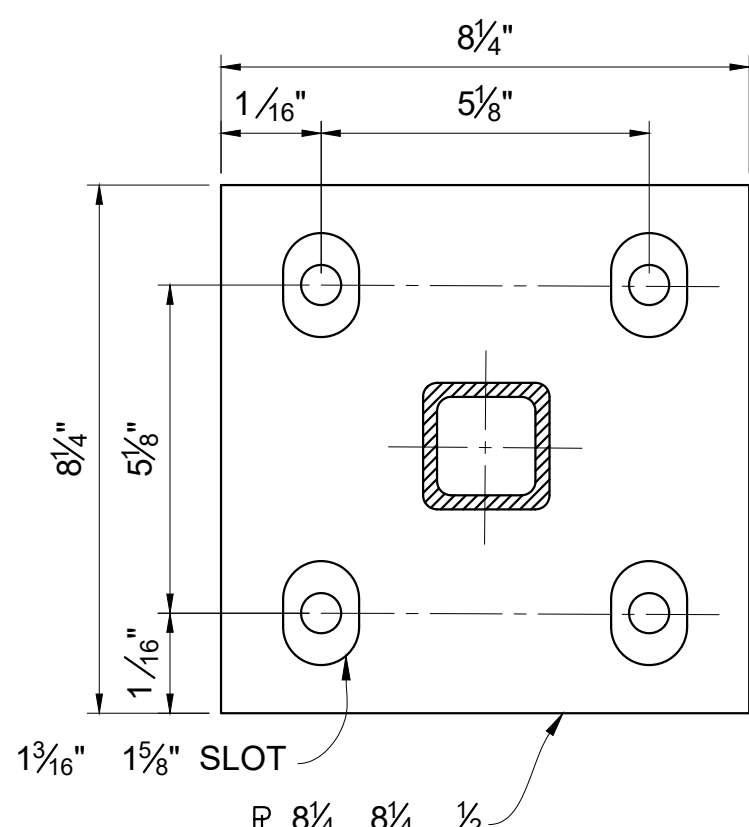
DETAIL A

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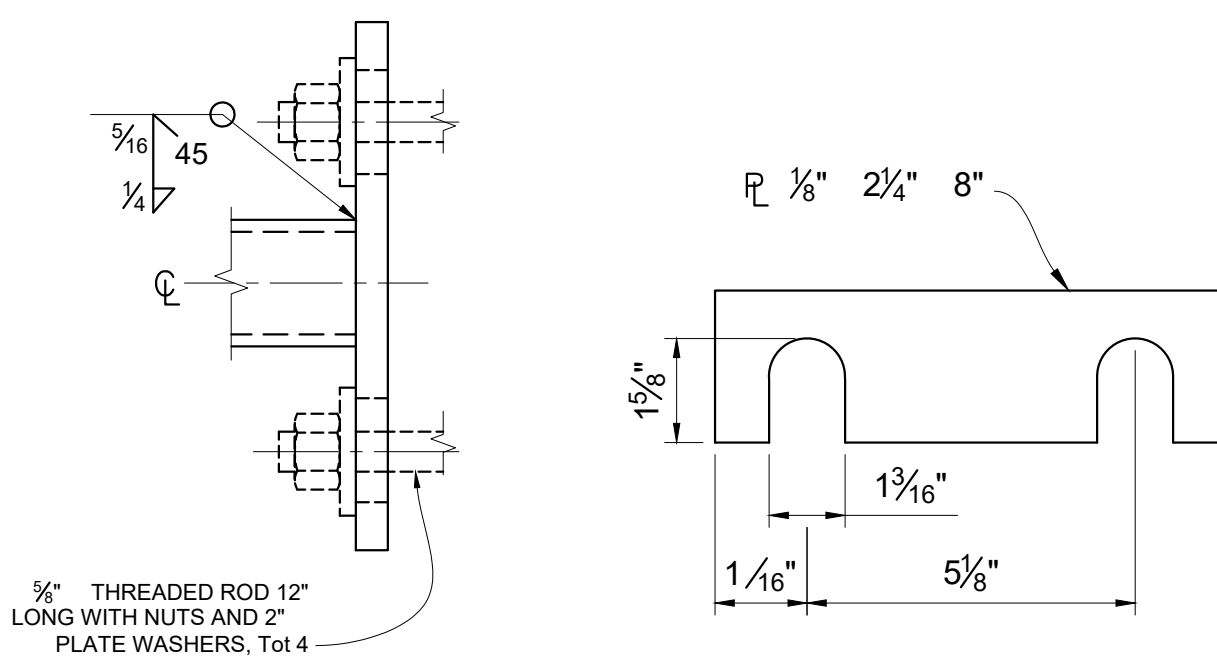
TYPICAL SECTION

NO SCALE



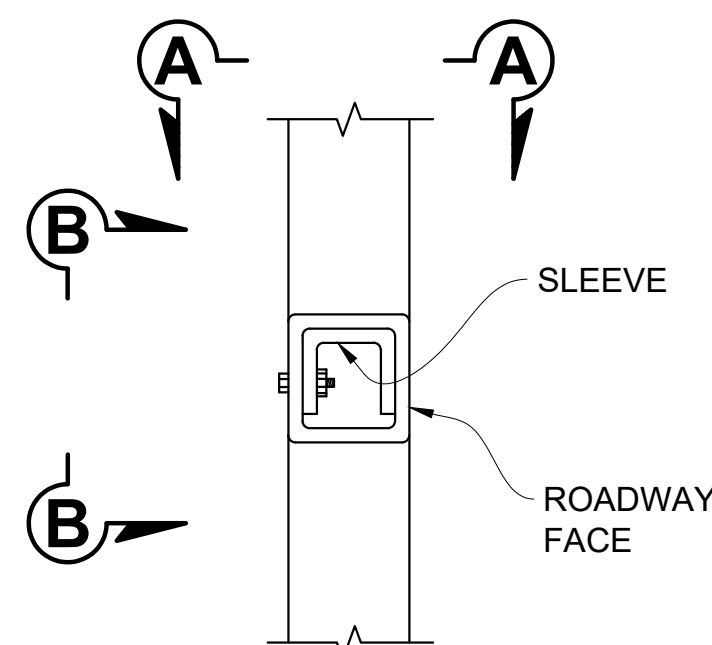
BASE PLATE DETAILS

NO SCALE

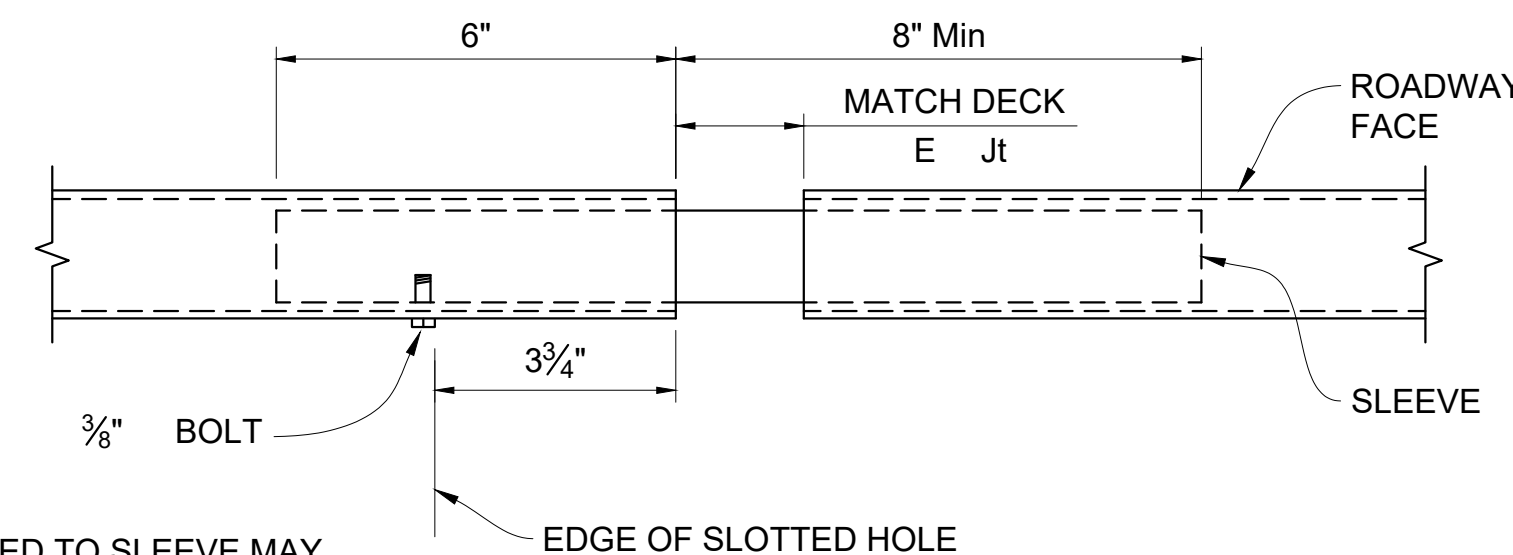


SHIM DETAILS

NO SCALE



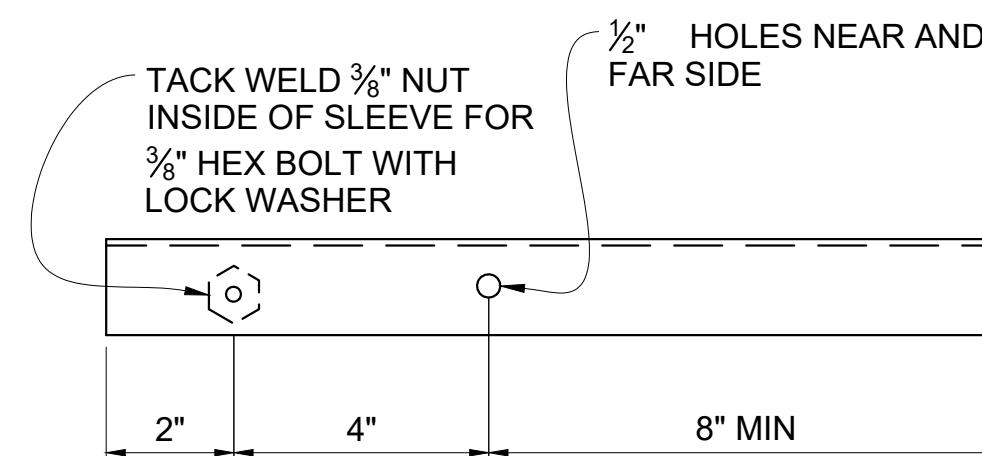
TUBE SPLICE SECTION



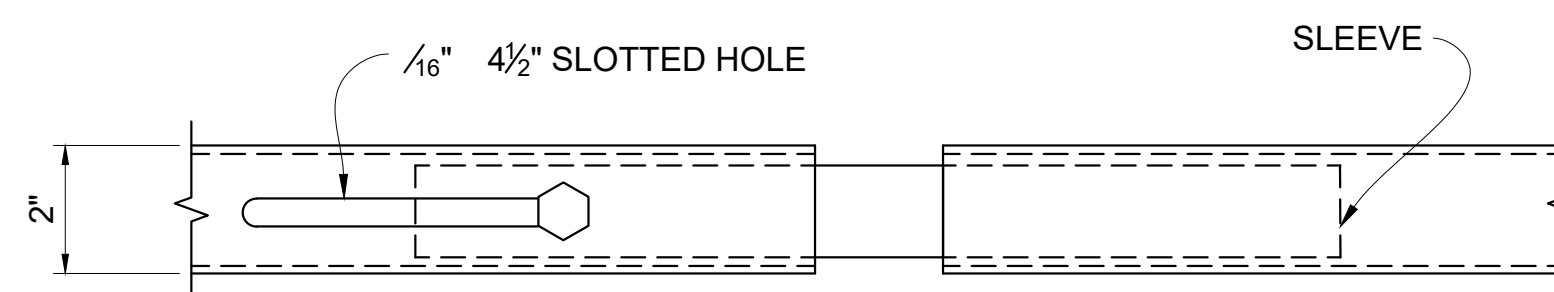
VIEW A-A

NOTE

3/8" NUT TACK WELDED TO SLEEVE MAY BE REPLACED BY DRILLED AND TAPPED HOLE IN SLEEVE.



SLEEVE



VIEW B-B

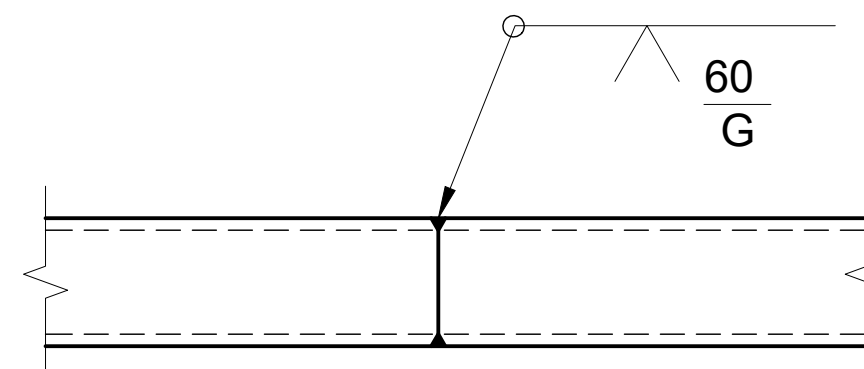
- SLEEVE FORMED OF 3/4" P

BENT THUS FOR SLIDING

FIT INSIDE OF RAIL TUBE

TUBE EXPANSION JOINT DETAILS

NO SCALE



TUBE-WELDED SPLICE

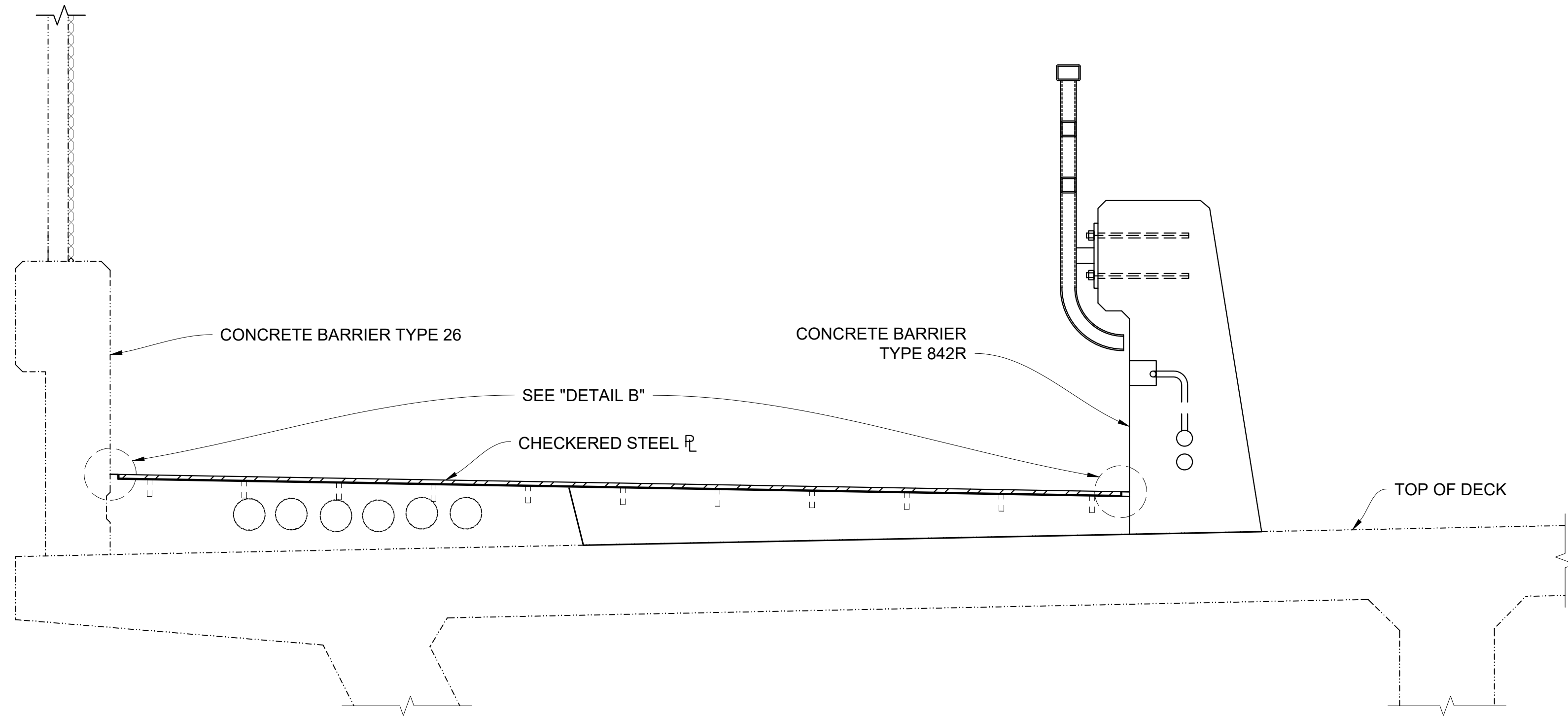
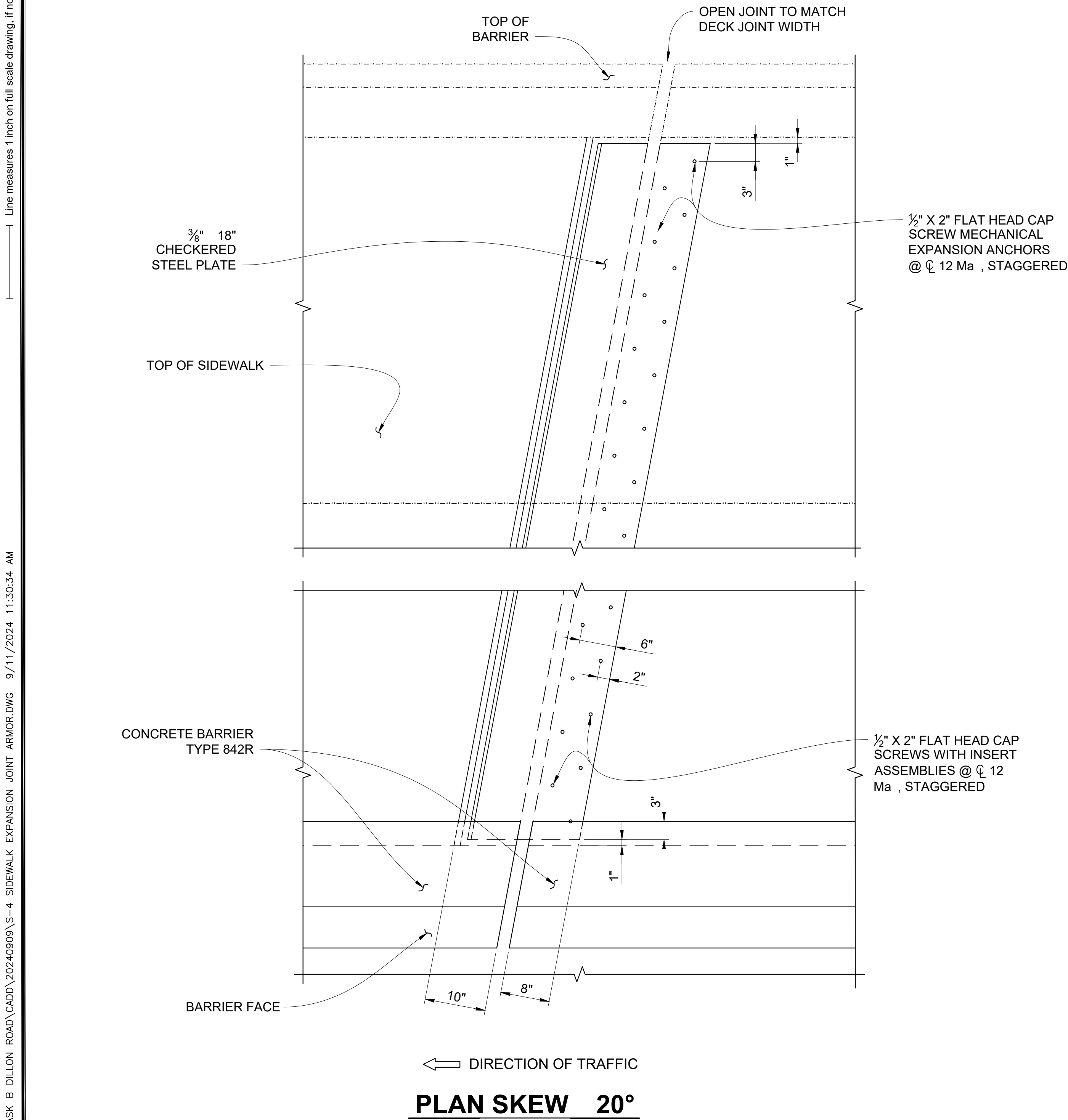
NO SCALE

NOTES:-

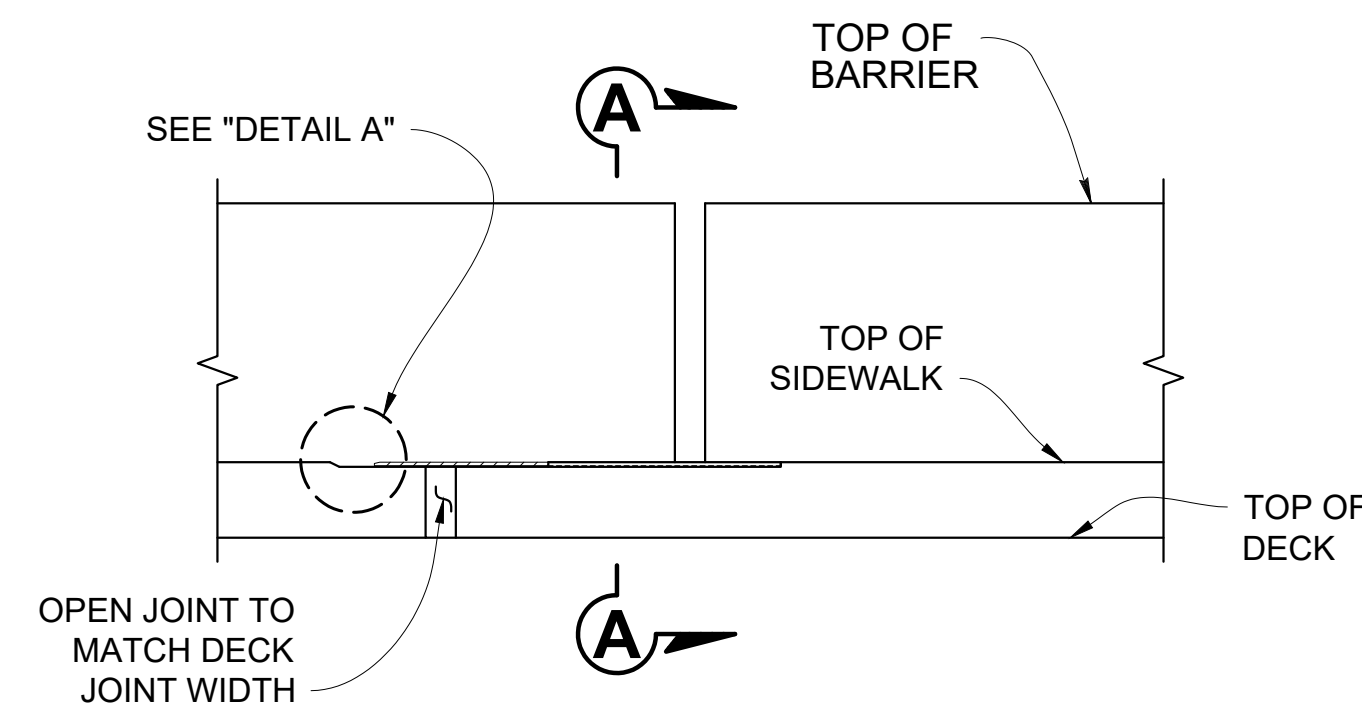
1. Post shall be normal to railing.
2. Rail toe shall be shaped or fabricated to fit horizontal curve when radius is less than 50'.
3. Ties shall be located in the ties spanning deck or wall joints. Increase joint width in ties to match expansion joint width and increase tie length correspondingly.
4. To rail toe shall be continuous over not less than two posts except a short post spacing is permitted near deck or wall joints, electroliers, or other rail discontinuities as noted.
5. For details and reinforcement not shown see Caltrans Revised Standard Plans RSP B11-81, RSP B11-82, RSP B11-82A.

[illegible]

DWG FILENAME: W:\20008-A_CVLINK ARTS AND MUSIC LINE\TASK B DILLON ROAD\CAD\20240909\S-4 SIDEWALK EXPANSION JOINT ARMOR.DWG 9/11/2024 11:30:34 AM
Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.



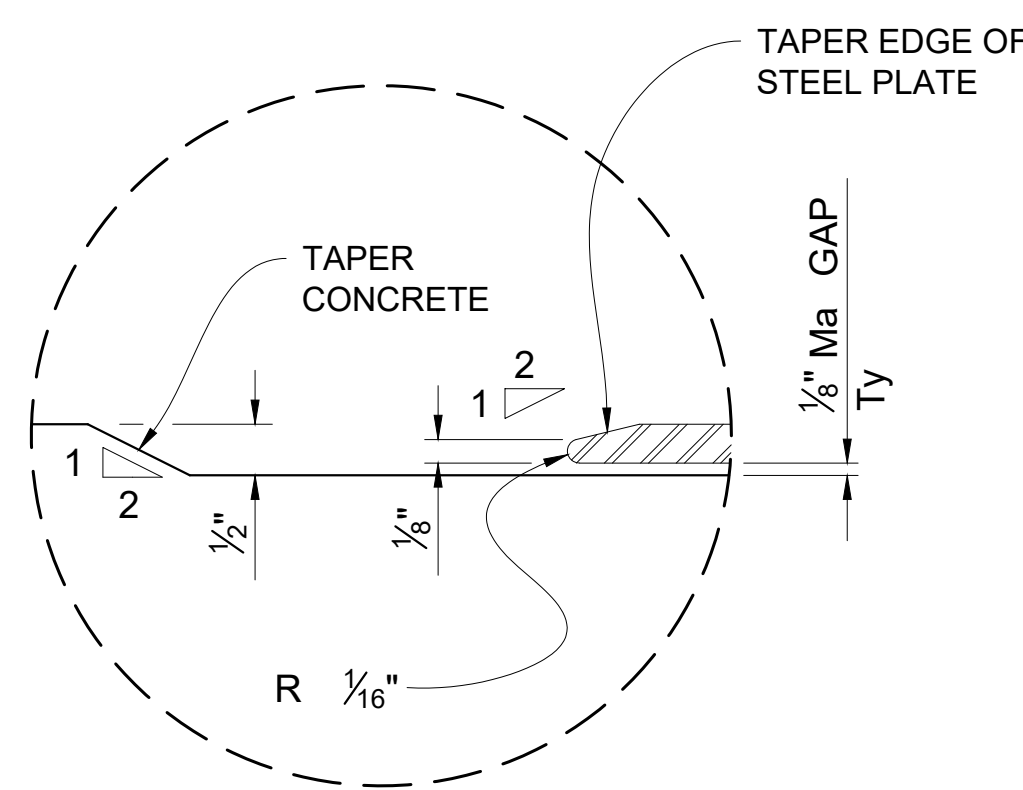
SECTION A-A
NO SCALE



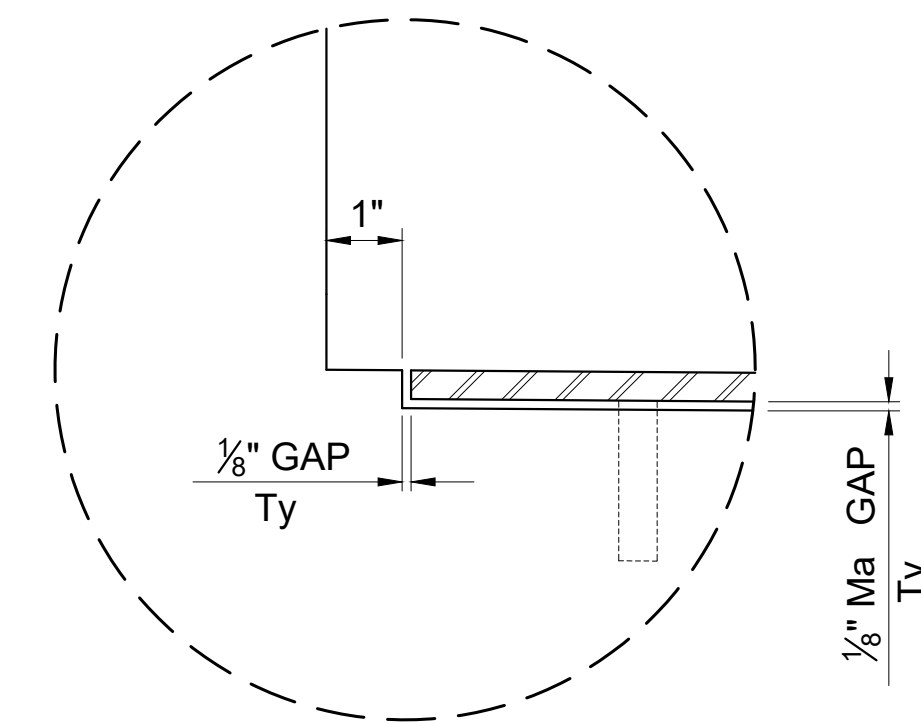
ELEVATION

NOTES:

1. Utility openings and expansion joints not shown for clarity.
2. Recess concrete 1/2" for plates.
3. For the recess on the existing sidewalk, remove and grind concrete as required. Do not damage concrete to remain in place. Removal and cleaning method must be submitted to the Engineer for approval prior to construction.
4. Plates to be galvanized.
5. Insert assembly or expansion anchorage for 5/8" x 1 3/4" bolts. Use installation bolts extended 1/2" minimum past nut and coat with bond breaker. After concrete has cured, remove installation bolts, install HS bolts.



DETAIL A

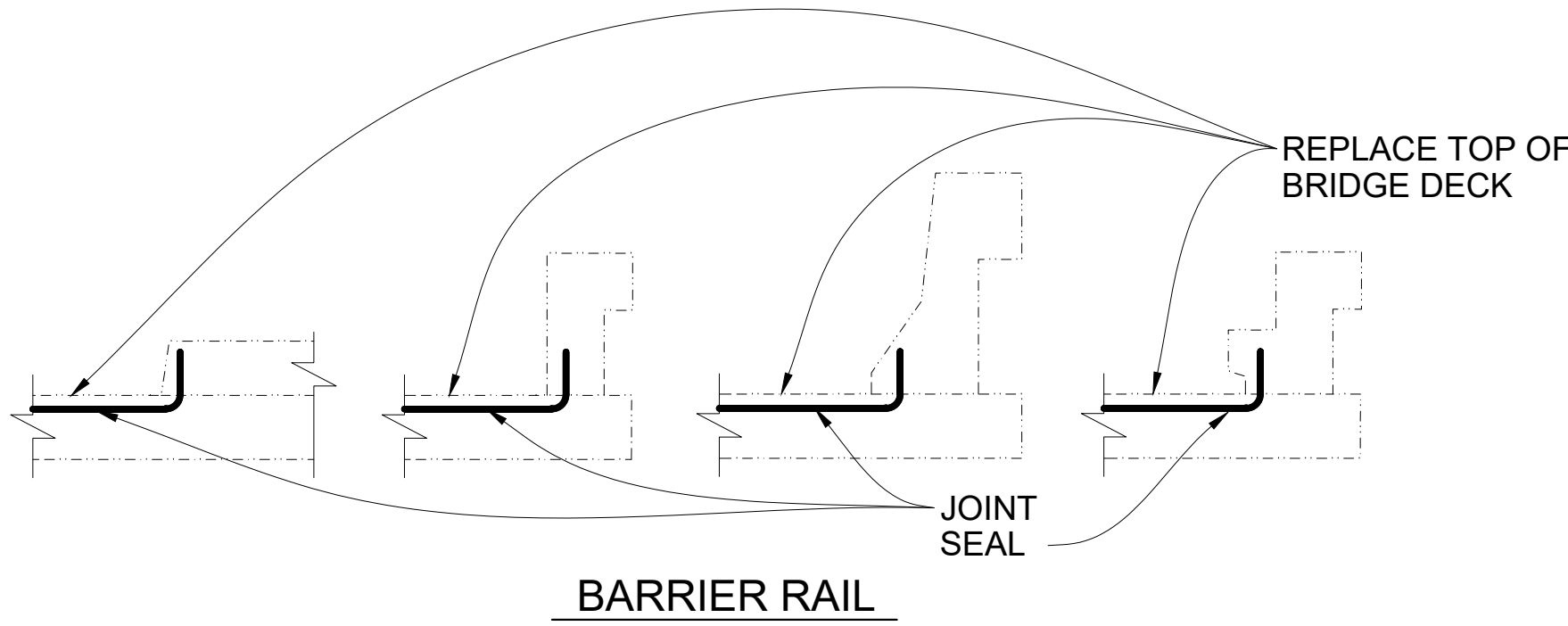


DETAIL B

DWG FILENAME: W:\20008-A_CVLINK ARTS AND MUSIC LANE\TASK B DILLON ROAD\CADD\20240909\S-5 BRIDGE REHABILITATION DETAILS.DWG 9/11/2024 11:31:23 AM
Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.

JOINT SEAL TABLE								
BRIDGE NAME	BRIDGE NUMBER	JOINT SEAL LOCATION		MINIMUM "MR" (INCHES)	EXISTING WATERSTOP	APPROX LENGTH OF JOINT SEAL (FEET)	LENGTH TO CLEAN EXP JOINT (FEET)	APPROX DEPTH TO CLEAN EXP JOINT (INCHES)
DILLON ROAD GRADE SEPARATION	56C05 1	A ut 1	BW	2 *	YES	63	63	12
		A ut 3	BW	2 *	YES	63	63	12

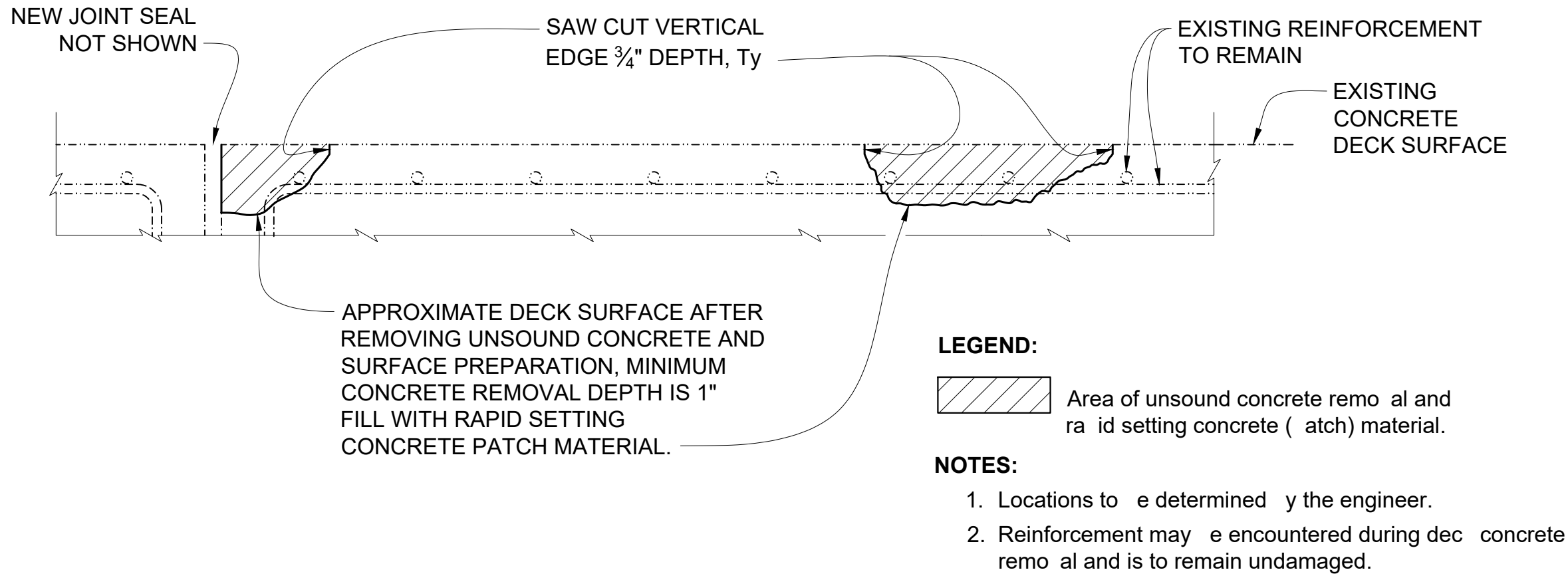
* Bonded Joint Seal
BW Back wall



JOINT SEAL AT LOW SIDE OF DECK

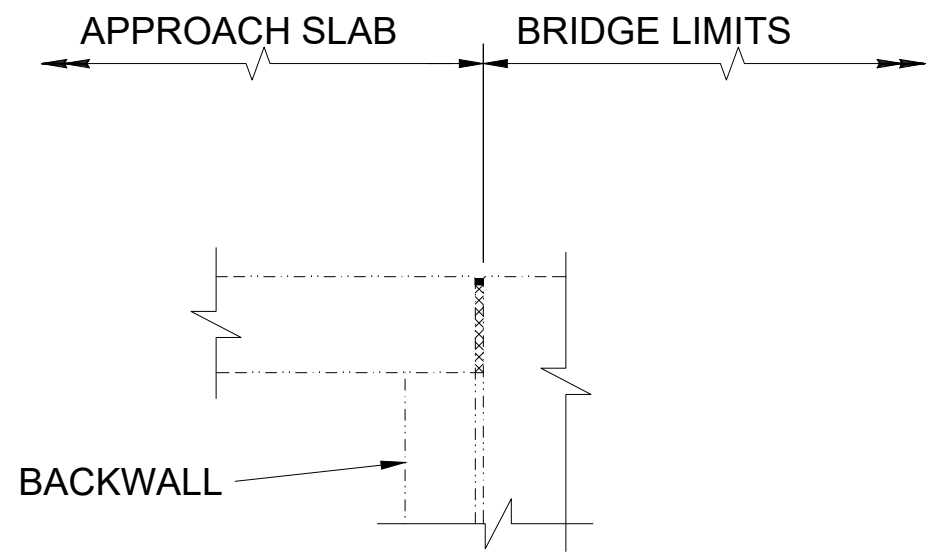
Note: Details shown for illustration purposes only.

For use only where deck joint matches the sidewalk, curb or barrier rail joint.



JOINT AND DECK REPAIR DETAIL

NO SCALE



ABUTMENT WITH BACKWALL

JOINT SEAL LOCATION

NO SCALE

NOTES:

- For details not shown see Caltrans Standard Plan B6-21.
- Seal must satisfy both minimum Movement Rating (MR) and gap width requirements.
- Bonded joint seals must conform to the general method of seals shown on Standard Plan B6-21 - JOINT SEAL DETAILS.

DECK REPAIR TABLE			
REMOVE UNSOUND CONCRETE AND RAPID SETTING CONCRETE (PATCH)			
BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (PERCENT)	APPROXIMATE DEPTH (INCHES)
DILLON ROAD GRADE SEPARATION	56C05 1	1	3

LOCATIONS TO BE DETERMINED BY THE ENGINEER.
FOR DETAILS SEE "JOINT AND DECK REPAIR DETAIL".

ISSUE	MARK DATE	DESCRIPTION	INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	ENGINEERING CONSULTANTS	APPROVED BY:	R.C.E. NO.		SHEET TITLE	DRAWING NO.
			PROJECT NO:			1180 Pierce Street, Suite 265 Riverside CA 92505 Phone: (951) 681-1005 Fax: (951) 661-338				ARTS & MUSIC LINE DILLON ROAD ALTERNATIVES BRIDGE REHABILITATION DETAILS DILLON ROAD GRADE SEPARATION	S-5
			CAD DWG FILE:	DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG	REGISTERED PROFESSIONAL ENGINEER QUIYET T. NGUYEN C 143 E 12-31-25 CIVIL STATE OF CALIFORNIA	PLANS PREPARED UNDER THE SUPERVISION OF:	DESIGNED BY:	CHECKED BY:			
			DESIGNED BY:			QUIYET T. NGUYEN R.C.E. NO.: C 143					
		DRAWN BY:	REVIEWED BY:				APPROVED BY:				
		DATE:	SCALE: AS SHOWN								

ELECTRICAL CONSTRUCTION NOTES

1. THE GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS SHALL BE CONSIDERED AS PART OF THE SPECIFICATION.
2. FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TOOLS TO PERFORM ELECTRICAL WORK SHOWN, NOTED OR SCHEDULED FOR A COMPLETE AND FINISHED INSTALLATION.
- A. ALL MATERIALS AND EQUIPMENT SHALL BE COMMERCIAL AND SHALL CARRY A U.L. LABEL.
- B. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UNDERWRITER'S LABORATORIES LIST OF APPROVED ITEMS AND SHALL MEET REQUIREMENTS OF ASTM, IEEE, 2017 NEC, NEMA, AND OTHER RECOGNIZED STANDARDS AND SHALL BE SIZED IN CONFORMITY WITH REQUIREMENTS OF THE NATIONAL ELECTRIC CODE AND OTHER APPLICABLE CODES, WHICHEVER ARE MORE STRINGENT.
3. THE WORD "PROVIDE" AS USED HEREIN MEANS TO FURNISH AND INSTALL COMPLETE.
4. THIS PROJECT SHALL COMPLY WITH THE 2022 CALIFORNIA ENERGY/BUILDING CODE WHICH INCLUDES THE 2022 IBC, AND THE 2022NEC AND TITLE 24 ENERGY AND DISABLED ACCESS REGULATIONS.
5. SECURE AND PAY FOR ALL REQUIRED PERMITS AND INSPECTION CERTIFICATES.
6. ABOVE GRADE CONDUIT SHALL BE STANDARD RIGID STEEL ACCORDING TO CODE REQUIREMENTS. CONDUIT SHALL BE CONCEALED IN FINISHED AREAS, EXCEPT AS OTHERWISE APPROVED BY ARCHITECT. RIGID CONNECTIONS SHALL BE COMPRESSION TYPE. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 OR 80 PVC BURIED A MINIMUM OF 24".
7. WIRE SHALL BE SINGLE CONDUCTOR COPPER WITH 600 VOLT INSULATION. ALUMINUM CONDUCTORS ARE NOT PERMITTED. #12 AND SMALLER SHALL BE SOLID. #10 AND LARGER SHALL BE STRANDED. MINIMUM WIRE SIZE SHALL BE #12. ALL WIRE AND CABLE SHALL BE NEW AND SHALL BE BROUGHT TO THE SITE IN UNBROKEN PACKAGES. ALL WIRING OF ANY TYPE SHALL BE IN CONDUIT.
- A. GENERAL WIRING SHALL BE THWN OR THHN.
8. ABOVE GRADE WIRE CONNECTORS SHALL BE BY "SCOTCHLOCK" OR EQUAL FOR #8 OR SMALLER AND T&B "LOCK-TITE" FOR #6 AND LARGER.
9. THIS CONTRACTOR SHALL DO ALL CUTTING, CHASING OR CHANNELING AND PATCHING REQUIRED FOR ANY WORK UNDER THIS DIVISION. ANY CUTTING SHALL HAVE PRIOR APPROVAL OF THE OWNER.
10. PROVIDE SAFETY AND DISCONNECT SWITCHES. SHALL BE FUSED OR NON-FUSED AS CALLED FOR ON DRAWINGS AND AS REQUIRED BY CODE. SWITCHES SHALL BE HEAVY DUTY, LOAD AND HORSEPOWER RATED AS MANUFACTURED BY SQUARE D, GENERAL ELECTRIC OR EQUAL.
11. JUNCTION, PULL BOXES AND COVERS WITHIN BUILDING SHALL BE GALVANIZED STEEL, CODE GAUGE SIZE AND ACCESSIBLE.
12. ELECTRICAL CONTRACTOR SHALL RECORD ALL FIELD CHANGES IN HIS WORK AS THE JOB PROGRESSES, AND UPON COMPLETION SHALL TURN OVER TO THE OWNER A "RECORD" SET OF PRINTS SHOWING THE CHANGES.
13. ALL ELECTRIC WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING MAINTAINING AND REPAIRING. HANGERS SHALL INCLUDE ALL MISCELLANEOUS STEEL, SUCH AS CHANNELS, RODS, ETC., NECESSARY FOR THE INSTALLATION OF WORK AND SHALL BE FASTENED TO STEEL, CONCRETE OR MASONRY, BUT NOT TO PIPING. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED CONDUITS SHALL BE IN STRAIGHT LINES PARALLEL WITH OR AT RIGHT ANGLES TO COLUMN LINES OR BEAMS AND SEPARATED AT LEAST 3" FROM WATER LINES WHEREVER THEY RUN ALONGSIDE OR ACROSS SUCH LINES. CONDUCTORS SHALL BE ON CONDUIT, DUCTS, OR APPROVED RACEWAYS.
14. ALL 90 DEGREE ELBOWS TO BE FACTORY MADE BENDS.
15. PRIVATE LIGHTING SYSTEM SHALL NOT BE JOINT TRENCH WITH PUBLIC UTILITY SYSTEM.
16. CONTRACTOR TO MAINTAIN PROPER SEPARATION AS REQUIRED BY THE UTILITY COMPANIES.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR ANY AND ALL UTILITY AND CITY INSPECTIONS.
18. ALL GROUND CONDUCTORS SHALL BE SPLICED TOGETHER WITH APPROVED CONNECTOR AT PULL BOXES AND CONNECTED TO GROUND LUG INSIDE POLE.
19. SEE IMPROVEMENT PLANS FOR SITE, SEWER AND WATER (ETC.) IMPROVEMENTS PRIOR TO START OF CONSTRUCTION.
20. CONTRACTOR SHALL CONTACT "DIG ALERT" FOR MARK-OUT PRIOR TO TRENCHING AS REQUIRED.
21. THESE PLANS ARE SCHEMATIC AND ARE FOR THE PURPOSE OF SHOWING HOW TO CONNECT THE ELECTRICAL SYSTEM. WHILE THE DRAWING IS AT ACTUAL SCALE, THE SYMBOLS REFERENCED ARE NOT, AND MAY APPEAR TO SHOW THE EQUIPMENT IN PLACES NOT INTENDED. THE CONTRACTOR IS TO FIELD VERIFY ALL UTILITY COMPANY SERVICE POINTS, METER LOCATIONS, POLES, PULL BOXES BUILDING LIGHT LOCATIONS, SERVICE EQUIPMENT LOCATIONS AND OTHER ELECTRICAL APPURTENANCES PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES ARE TO BE ADDRESSED TO THE CLIENT BY MEANS OF A "REQUEST FOR INFORMATION" (RFI). CONTRACTOR IS TO VERIFY ALL LIGHT LOCATIONS WITH THE CITY PRIOR TO START OF CONSTRUCTION AND DURING STAKING. REFER TO LIGHT STANDARD DETAIL FOR STANDARDS. CONTRACTOR SHALL CONTACT "DIG ALERT" FOR MARK-OUT PRIOR TO TRENCHING AS REQUIRED.
22. PANEL CIRCUIT DIRECTORY TO COMPLY WITH SECTION 408.4, CEC.
23. NATIVE SOIL SHALL BE ACCEPTABLE FOR TRENCH BACK FILL PROVIDED THAT THE FILL MATERIAL USED SHALL PASS THROUGH A 1" SIEVE (CITY STANDARDS). SEE DETAIL C/EL-20.
24. CONTRACTOR SHALL LABEL EACH CIRCUIT WITH PHENOLIC PLASTIC LABEL TAGS IN ANY DEVICE THAT HAS ACCESS. THIS SHALL INCLUDE LIGHT POLES, PULL BOXES, PANELS, AND ETCETERA. PANEL, CIRCUIT NUMBER AND VOLTAGE SHALL BE IDENTIFIED. TAGS SHALL BE AFFIXED WITH NYLON ZIP-TIES.

SPECIFICATIONS

1. BELOW GRADE PULL BOXES TO BE "OLDCASTLE" MODEL FL12T (OR EQUAL) WITH BOLT DOWN COVER MARKED "ELECTRICAL". LEAVE 2' SLACK OF CONDUCTORS IN PULLBOX. SIZE PER SECTION 370-28, CEC. SEE DETAIL D/EL-20.
2. ALL CONDUIT BELOW GRADE TO BE MINIMUM 3/4" SCHEDULE 40 PVC, UNLESS OTHERWISE NOTED.
3. ALL CONDUIT EXPOSED ABOVE GRADE TO BE MINIMUM 1/2" EMT.
4. ALL SPLICES BELOW GRADE SHALL BE MADE IN APPROVED PULL BOXES AND SHALL BE WATERTIGHT. USE ONLY EPOXY ENCAPSULATED TYPE 3M BAGS OR EQUAL.
5. ALL BELOW GRADE CONDUIT SHALL BE SEALED WITH DUCT-SEAL UPON COMPLETION OF INSTALLATION.
6. ALL ELECTRICIANS TO HAVE PROOF OF CALIFORNIA ELECTRICIANS CERTIFICATE/CREDENTIALS.
7. ALL ABOVE GRADE JUNCTION BOXES TO BE WEATHER-PROOF. SIZE PER SECTION 370-28, CEC.

LEGEND

- BELOW GRADE ELECTRICAL CONDUIT AND WIRE RUN. SEE PLANS FOR TYPE AND NUMBER OF WIRES.
- — — BELOW GRADE LOW VOLTAGE CONTROLS CONDUIT AND WIRE RUN. SEE PLANS FOR TYPE AND NUMBER OF WIRES.
- ▢ BELOW GRADE PULLBOX. SEE SPEC. 1 AND DETAIL D/EL-20.
- A-1 CIRCUIT DESIGNATION. 1ST LETTER INDICATES PANEL. REMAINING NUMBER'S INDICATE CIRCUIT POSITIONS.
- █ 100A, 1Ø, 3W, 120/240V METER PEDESTAL. SEE PLAN FOR METER PEDESTAL # AND SCHEDULES/DETAILS D/EL-23 AND A/EL-24.
- ☑ UTILITY COMPANY SERVICE POINT. VERIFY EXACT LOCATION WITH UTILITY COMPANY SERVICE ORDER.
- ☒ ENVIRONMENTAL CONTROL LIGHTING CONTROL CABINET. SEE DETAIL A/EL-21 AND A/EL-22 FOR SPECIFICATIONS AND INSTALLATION DETAILS.
- ⌚ BELOW GRADE LIGHTING CONTROLLER. SEE DETAIL C/EL-23 FOR INSTALLATION AND FOR SPECS.
- ⦿ RGBW SPHERE BOLLARD. SEE LUMINAIRE SCHEDULE AND DETAIL E/EL-20
- RGBW INGRADE MARKER LIGHT. SEE LUMINAIRE SCHEDULE AND DETAIL A/EL-19
- ⦿ RGBW LIGHT COLUMN. SEE LUMINAIRE SCHEDULE AND DETAIL B/EL-20
- ⦿ RGBW LIGHT COLUMN WITH SOUND. SEE LUMINAIRE SCHEDULE AND DETAIL B/EL-20
- ☼ SOLAR MARKER LIGHT. SEE LUMINAIRE SCHEDULE AND DETAIL B/EL-23
- ◻ RGBW LIGHT COLUMN WITH VARYING HEIGHTS. SEE LUMINAIRE SCHEDULE AND DETAIL A/EL-20

CVAG; ARTS AND MUSIC LINE

COACHELLA VALLEY, CA

NOTE TO CONTRACTOR AND DISTRIBUTOR

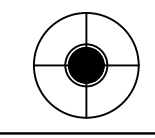
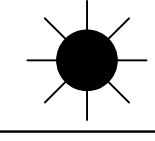
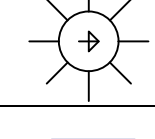
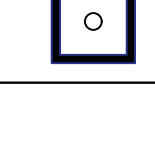
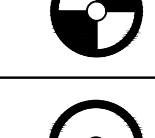
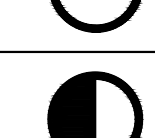
ANY CHANGE OR DEVIATION FROM THE LIGHTING SPECIFICATIONS ON PLAN SHALL NEED TO BE APPROVED BY THE ENGINEER OF RECORD. ALL ASSOCIATED COSTS INCURRED FOR HAVING TO RE-RUN PHOTOMETRIC LIGHTING STUDIES, REVISE ELECTRICAL PLANS AND CIRCUITRY, REVISE ELECTRICAL PANEL SCHEDULES, REVISE LUMINAIRE SCHEDULES, RE-CALCULATE TITLE-24 MANDATORY MEASURES, AND RESUBMIT TO THE BUILDING PLAN CHECK DEPARTMENT SHALL BE PAID BACK TO THE ENGINEER OF RECORD BY THE CONTRACTOR AND ELECTRICAL DISTRIBUTOR. NO REQUEST FOR SUBSTITUTIONS SHALL BE SUBMITTED WITHOUT FIRST HAVING BEEN REQUESTED BY THE PROJECT DEVELOPER. CONTRACTOR SHALL PROVIDE ENGINEER OF RECORD SUBMITTALS FOR APPROVAL FOR ALL LIGHTING PRODUCT SHOWN IN SCHEDULE BELOW PRIOR TO PROCUREMENT. APPROVED EQUALS OF LIGHTING PRODUCT MAY BE CONSIDERED. SAMPLES FOR MOCK-UP SHALL BE REQUIRED FOR CONSIDERATION PRIOR TO ACCEPTANCE OF DEVIATION OF LIGHTING SPECIFICATIONS.

NOTE ON QUANTITIES:

PLEASE ENSURE THAT THE QUANTITIES OF LUMINAIRES AND ALL ASSOCIATED LIGHTING PRODUCTS ARE CONFIRMED BY COUNTING THE ITEMS DIRECTLY ON THE PROVIDED DRAWING SHEETS. WHILE WE HAVE INCORPORATED THESE QUANTITIES TO THE BEST OF OUR ABILITY, PLEASE NOTE THAT CHANGES IN PLANS MAY OCCUR, AND SOME QUANTITIES MAY NOT HAVE BEEN UPDATED ACCORDINGLY.

LUMINAIRE SCHEDULE - CVAG COACHELLA

SPECIFIED BY: VISUAL CONCEPTS LIGHTING INC. PH: 858-278-4503

TYPE		SYMBOL	FIXTURE								VOLTS						LAMPS		MOUNTING					DESCRIPTION	MFR & CATALOG NO.		
	QTY		LUMENS	CBCP	KELVIN	FLOUR	INDUC	LED	LPS	MH	HPS	12	120	208	240	277	480	NO.	TYPE	WATTS	WELL	SURF	SPECIAL			WALL	POLE
B1	70		VARIED		RGBW			X										1	LED MULTI	96			X			SPHERE BOLLARD SEE DETAIL E/EL-20	WAYNE TYLER LIGHTING VCL-KPJ-28-RGB- COLOR-TYLERSHIELD-UNV
G1	263		VARIED		RGBW			X										1	MULTI LED	3	X					INGRADE MARKER LIGHTS SEE DETAIL A/EL-19	ORGANIC LIGHTING ORGALED-3R-RGBW/013100
C1	26		VARIED		RGBW			X										1	LED MULTI	66					X	LIGHT COLUMN SEE DETAIL B/EL-20	TECHNILUM LIGHTING CRL-12-5R-RGBW-33W-UNV-CUSTOM-COLOR
C2	6		VARIED		RGBW			X										1	LED MULTI	66					X	LIGHT COLUMN W/SOUND SEE DETAIL B/EL-20	TECHNILINUM LIGHTING CRL-12-5R-RGBW-33W-UNV-CUSTOM-COLOR- SPKR
C3	25		VARIED		RGBW			X					X					1	LED MULTI	40				X		LIGHT COLUMN SEE DETAIL A/EL-20	LUMENPULSE LIGHTING MOBC6-R-VARIES-120-FR-XX-RGBW40K-CRI80- 5-H48-CC-DMX/RDM-SP-AB-
L1	5 RUNS		985					X										1	LED MULTI	4/FT			X			LINEAR LED LIGHT SEE DETAIL B/EL-23	TRAXON EXCUE (4 RUNS) QTY (15) K8L-3-944411-08 (480W/RUN) (1 RUN) QTY (8) K8L-3-944411-08 + QTY (1) K8L-3-944411-01 (260W TOTAL)
S1	325		66					X										1	LED MULTI	0			X			MARKER LIGHTS SEE DETAIL B/EL-23	SOLAR PATH USA SWL-YHDD1-PANTONE 3265
S2	401		66					X										1	LED MULTI	0			X			MARKER LIGHTS SEE DETAIL B/EL-23	SOLAR PATH USA SWL-YHDD1-PANTONE 312
S3	228		66					X										1	LED MULTI	0			X			MARKER LIGHTS SEE DETAIL B/EL-23	SOLAR PATH USA SWL-YHDD1-PANTONE 320

FOR ABOVE SPECIFIED PRODUCT, CONTACT ANNIE MITCHEL WITH OCS LIGHTING & CONTROLS @ 858.514.4000 || ANNIE@OCSLTG.COM

✱ QTY (4) - 12', (6) - 14', (6) - 16', (6) - 18', (3) - 20'

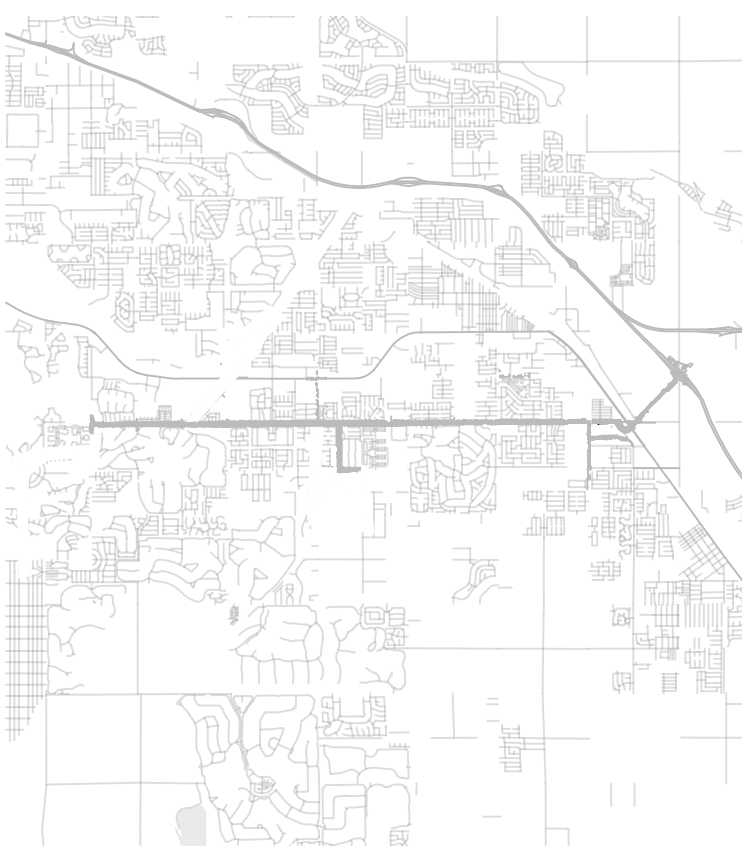
SCOPE OF WORK

INSTALL NEW LED COLOR CHANGING LIGHTS AND CONTROLS. ALL LIGHTS ARE PER CVAG. SEE LUMINAIRE SCHEDULE FOR FIXTURE AND POLE TYPES. LIGHTS SHALL BE CONTROLLED BY A MASTER CONTROL SYSTEM LOCATED IN THE ELECTRICAL CONTROLS' CABINETS AND POWERED BY METER PEDESTALS.

SHEET INDEX

SHEET #	DESCRIPTION
EL-1	SUMMARIES & SCHEDULES
EL-2	LIGHTING PLAN 1
EL-3	LIGHTING PLAN 2
EL-4	LIGHTING PLAN 3
EL-5	LIGHTING PLAN 4
EL-6	LIGHTING PLAN 5
EL-7	LIGHTING PLAN 6
EL-8	LIGHTING PLAN 7
EL-9	LIGHTING PLAN 8
EL-10	LIGHTING PLAN 9
EL-11	LIGHTING PLAN 10
EL-12	LIGHTING PLAN 11
EL-13	LIGHTING PLAN 12
EL-14	LIGHTING PLAN 13
EL-15	LIGHTING PLAN 14
EL-16	LIGHTING PLAN 15
EL-17	LIGHTING PLAN 16
EL-18	LIGHTING PLAN 17
EL-19	DETAILS
EL-20	DETAILS
EL-21	DETAILS
EL-22	DETAILS
EL-23	DETAILS
EL-24	PANEL SCHEDULES

KEY MAP



ISSUE

	INFO
	PROJECT NO:
	CAD DWG FILE:
	DESIGNED BY: K.PEREZ SR.
	DRAWN BY: K.PEREZ SR.
	REVIEWED BY: K.PEREZ JR.
	DATE: 082823
MARK DATE	DESCRIPTION
	SCALE: AS SHOWN

UNDERGROUND SERVICE ALERT



DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO WORKING DAYS
BEFORE YOU DIG

ENGINEER OF RECORD'S SEAL



E22246
Exp. 3-31-26
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL
STATE OF CALIFORNIA

VCL
Visual Concepts Lighting

858-278-4503
www.visualconcepts-inc.com
4858 Mercury St. Ste. 210
San Diego, CA 92121

PLANS PREPARED UNDER
THE SUPERVISION OF:

DESIGNED BY: KPJR

CHECKED BY: KPJR

MARIO PEREZ R.E.E. NO.: E22246

DATE

APPROVED BY:

APPROVED BY:

R.C.E. NO.

DATE

R.C.E. NO.

DATE



SHEET TITLE

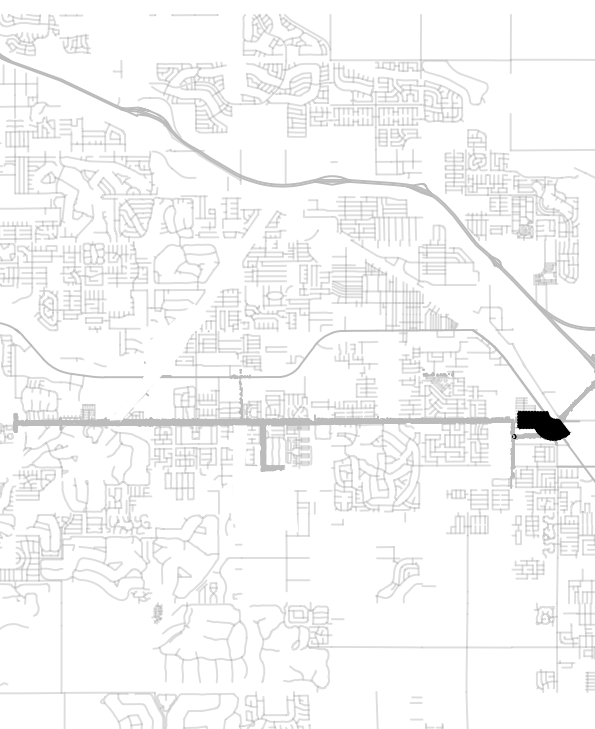
SUMMARIES AND SCHEDULES

DRAWING NO.

EL-01

SHEET 168 OF 191



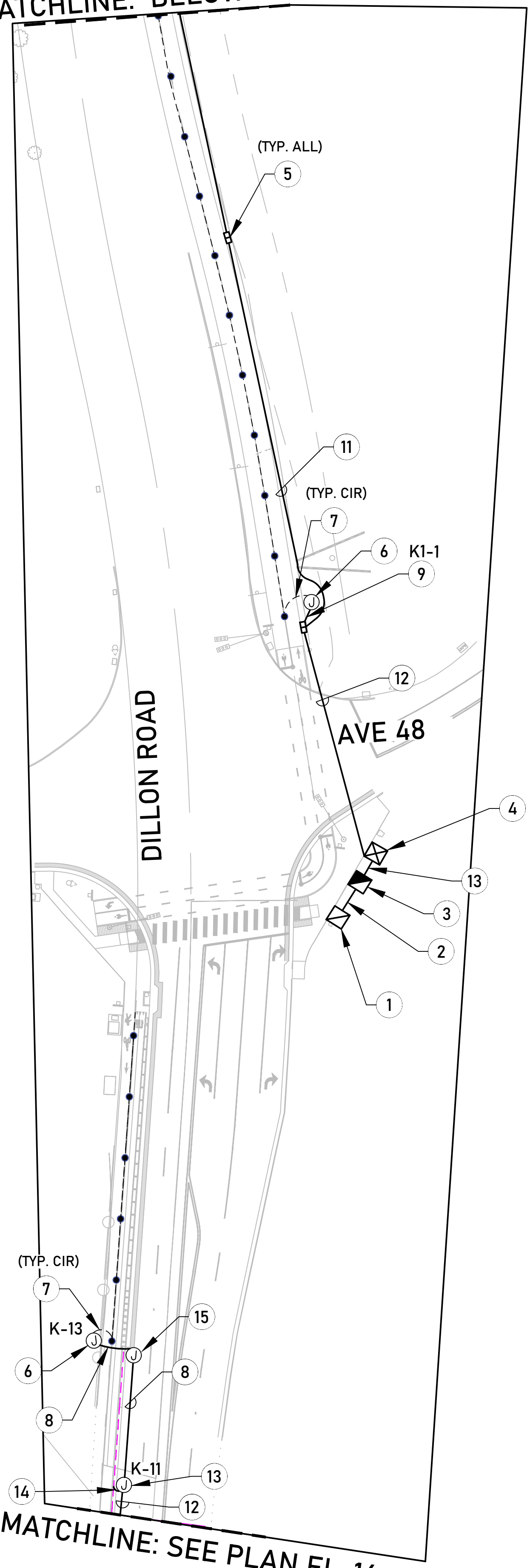
- # KEY MAP
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[illegible]

INFO PROJECT NO: CAD DWG FILE: DESIGNED BY: K.PEREZ SR. DRAWN BY: K.PEREZ SR. REVIEWED BY: K.PEREZ JR. DATE: 08/28/23 SCALE: AS SHOWN	UNDERGROUND SERVICE ALERT  DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO WORKING DAYS BEFORE YOU DIG	ENGINEER OF RECORD'S SEAL  REGISTERED PROFESSIONAL ENGINEER MARIO A. PEREZ E22246 Exp. 3-31-26 STATE OF CALIFORNIA	 858-278-4503 www.visualconcepts-inc.com 4506 Mercury St. Ste. 210 San Diego CA 92111 PLANS PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: KPJR CHECKED BY: KPJR MARIO PEREZ R.E.E. NO.: E22246 DATE:	APPROVED BY: _____ _____ _____ APPROVED BY: _____ _____ _____	R.C.E. NO. _____ DATE _____ R.C.E. NO. _____ DATE _____	 ARTS & MUSIC LINE  CVAG  INDIO take center stage  CITY OF COACHELLA COUNTY OF INDIAN CALIFORNIA INCORPORATED 1986	SHEET TITLE LIGHTING PLAN 15	DRAWING NO. EL-16
								SHEET 183 OF 191

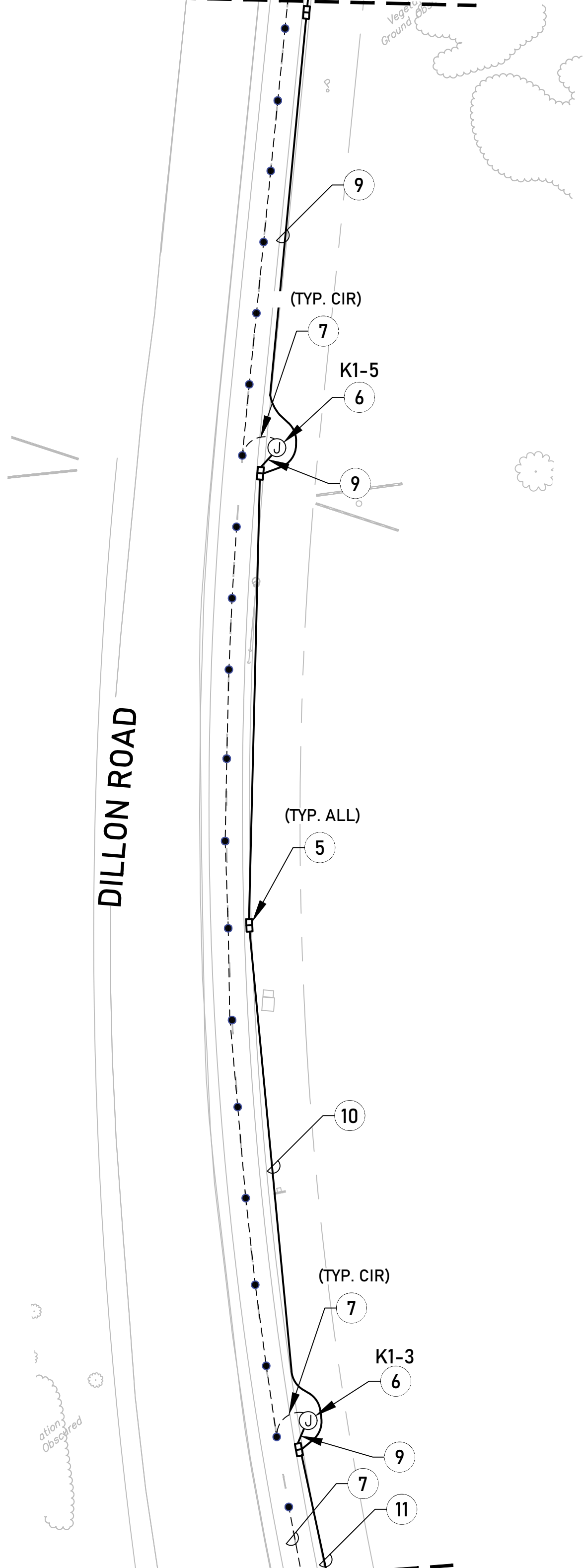
DWG FILENAME: S:\ENGINEERING\PRELIMINARY\WEBB ASSOCIATES\CVAG ART & MUSIC\ELECTRICAL\EDWG\CVAG EDWG 103124.DWG 11/7/2024 3:58:25 PM
Line measures 1 inch on full scale drawing, if not 1 inch scale accordingly.

MATCHLINE: BELOW RIGHT



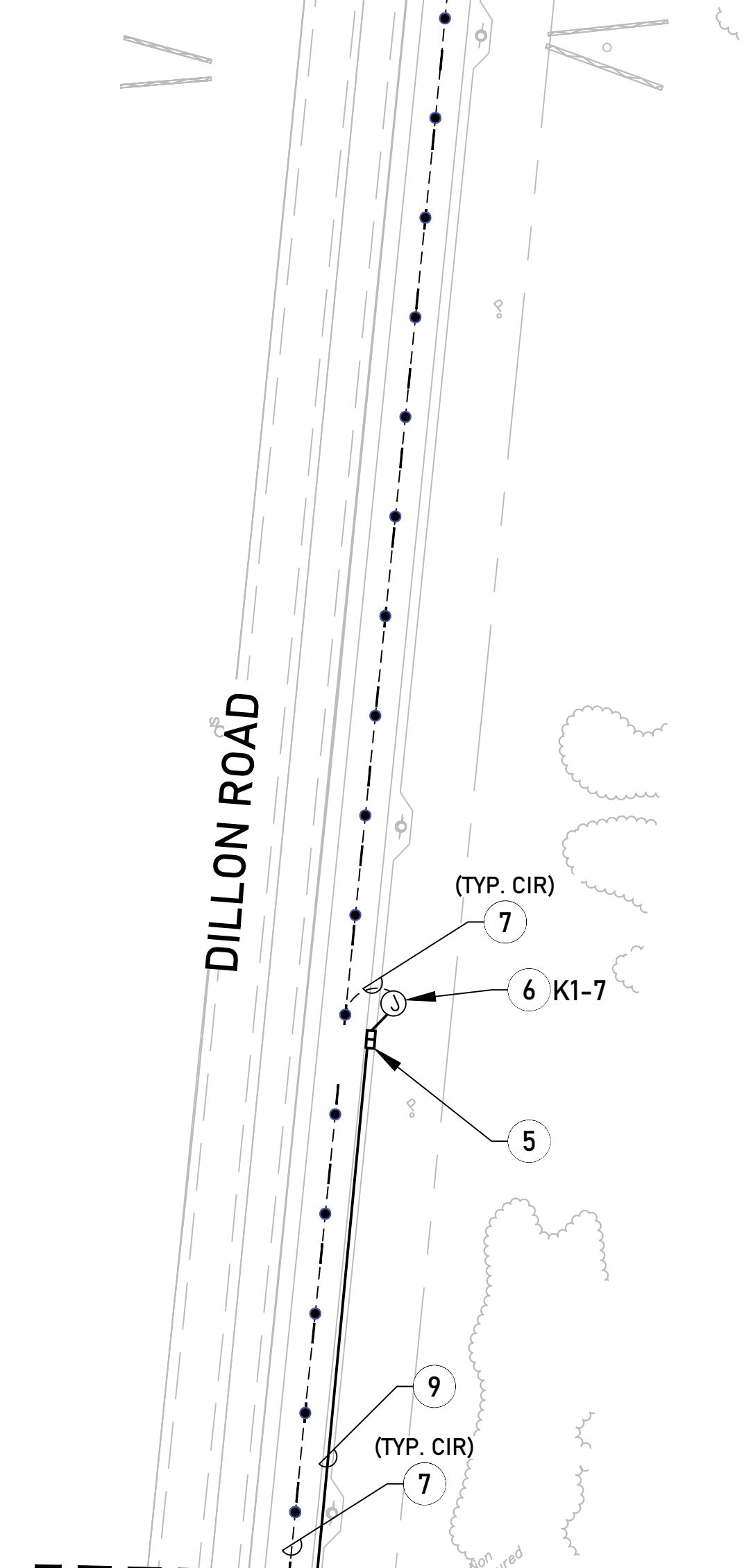
MATCHLINE: SEE PLAN EL-16

MATCHLINE: BELOW RIGHT



MATCHLINE: ABOVE LEFT

MATCHLINE: SEE PLAN EL-18

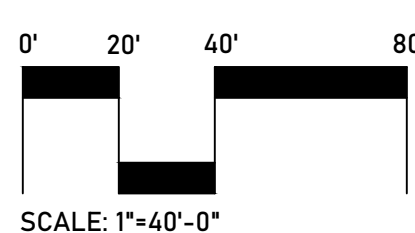
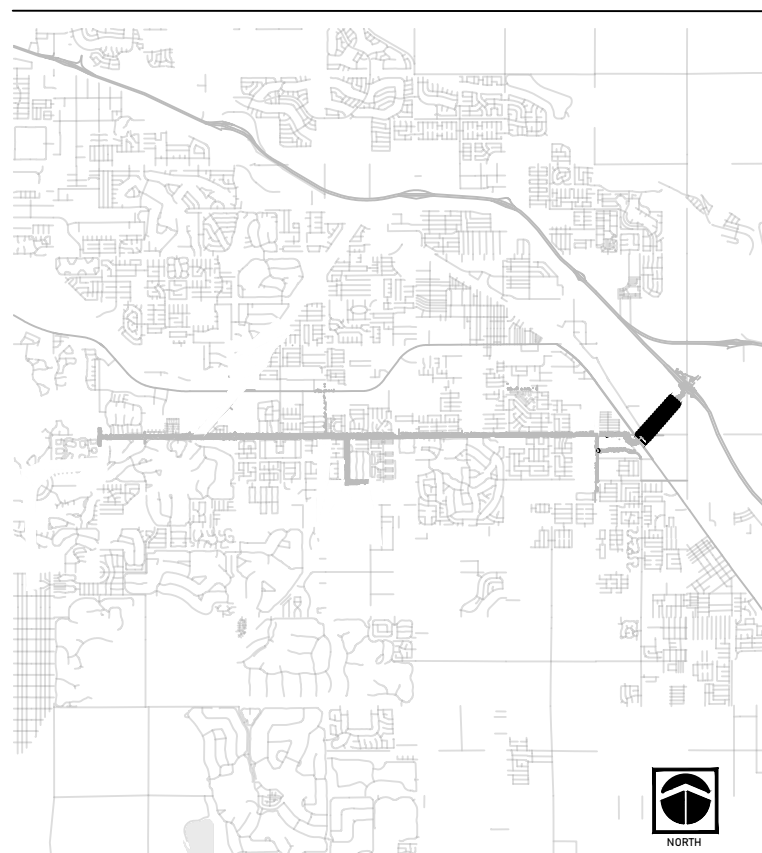


MATCHLINE: ABOVE LEFT

SHEET NOTES

- UTILITY COMPANY SERVICE POINT. VERIFY EXACT LOCATION WITH UTILITY SERVICE ORDER.
- UTILITY COMPANY SERVICE CONDUIT. VERIFY TYPE AND INSTALLATION INSTRUCTIONS WITH UTILITY SERVICE ORDER.
- PROVIDE 100A, 120/240V, 1Ø, 3W METER PEDESTAL 'K1' PER UTILITY SERVICE ORDER. SEE DETAIL D/EL-23 AND A/EL-24 FOR INSTALLATION & PANEL SCHEDULE.
- LIGHTING CONTROLS CABINET 'K1'. SEE DETAIL A/EL-21 AND A/EL-22 FOR SPECIFICATIONS AND INSTALLATION DETAILS.
- BELOW GRADE PULLBOX. SEE SPEC. 1 AND DETAIL D/EL-20 FOR INSTALLATION.
- PROVIDE Q-TRAN VAULT WITH DRIVER AND DMX CONTROLLER. SEE DETAIL C/EL-23.
- PROVIDE 1/2" C-(1) # 9729 BELDEN CONTROL CABLE. BURY 24" BELOW GRADE.
- PROVIDE (1) 1 1/2" C-2#6, 1#10 GND. AND (1) 1" C-1 # 9729 BELDEN CONTROL CABLES. BURY 24" BELOW GRADE.
- PROVIDE (1) 1" C-2#10, 1#10 GND. AND (1) 1" C-1 # 9729 BELDEN CONTROL CABLES. BURY 24" BELOW GRADE.
- PROVIDE (1) 1" C-4#10, 1#10 GND. AND (1) 1" C-2 # 9729 BELDEN CONTROL CABLES. BURY 24" BELOW GRADE.
- PROVIDE (1) 1" C-6#10, 1#10 GND. AND (1) 1" C-3 # 9729 BELDEN CONTROL CABLES. BURY 24" BELOW GRADE.
- PROVIDE (1) 2" C-4#6, 1#10 GND. AND (1) 1" C-2 # 9729 BELDEN CONTROL CABLES. BURY 24" BELOW GRADE.
- CALTRANS BARRIER J-BOX. SEE INSTALLATION DETAIL A/EL-23.
- PROVIDE (1) 3/4"C-TRAXON STARTER CABLES WITH CONNECTOR AND 4' LEAD FOR POWER AND CONTROLS. ROUTE FROM J-BOX TO LIGHT CHANNEL. SEE DETAIL A/EL-23.
- CALTRANS BARRIER JBOX. SEE INSTALLATION DETAIL A/EL-23.

KEY MAP



ISSUE		INFO	UNDERGROUND SERVICE ALERT	ENGINEER OF RECORD'S SEAL	 508-278-4503 www.visualconcepts-inc.com 4858 Mercury St., Ste. 210 San Diego, CA 92111	APPROVED BY:	R.C.E. NO.		SHEET TITLE	DRAWING NO.	
		PROJECT NO:				DATE	R.C.E. NO.				
		CAD DWG FILE:	DIAL TOLL FREE 1-800-422-4133			DATE					
		DESIGNED BY: K.PEREZ SR.	AT LEAST TWO WORKING DAYS BEFORE YOU DIG			DATE					
		DRAWN BY: K.PEREZ SR.		PLANS PREPARED UNDER THE SUPERVISION OF:		DESIGNED BY: KPJR	CHECKED BY: KPJR				
		REVIEWED BY: K.PEREZ JR.		MARIO PEREZ R.E.E. NO.: E22246		DATE					
	DATE: 082823							LIGHTING PLAN 16	EL-17		
	SCALE: AS SHOWN								SHEET 184 OF 191		
	MARK DATE	DESCRIPTION									