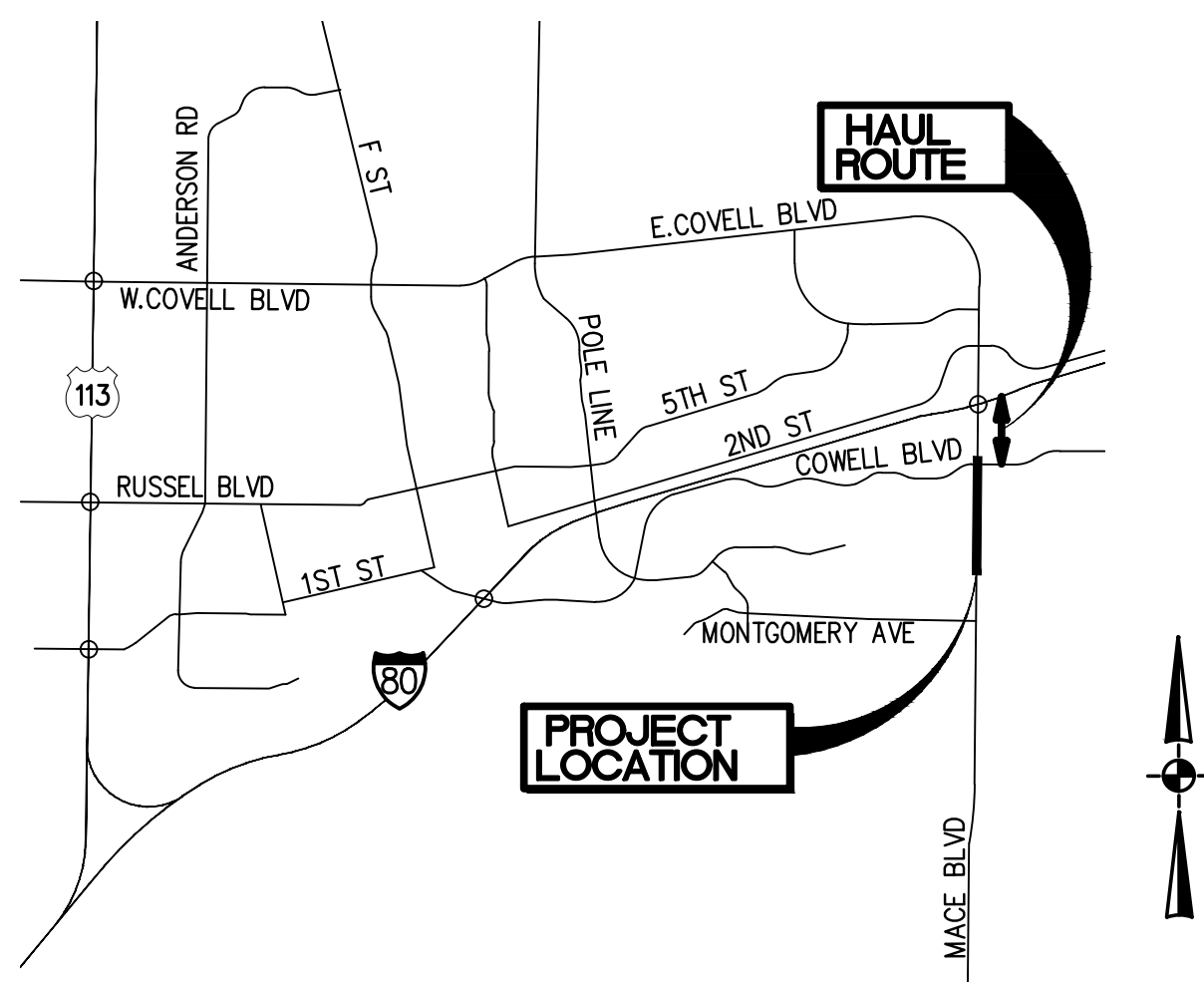
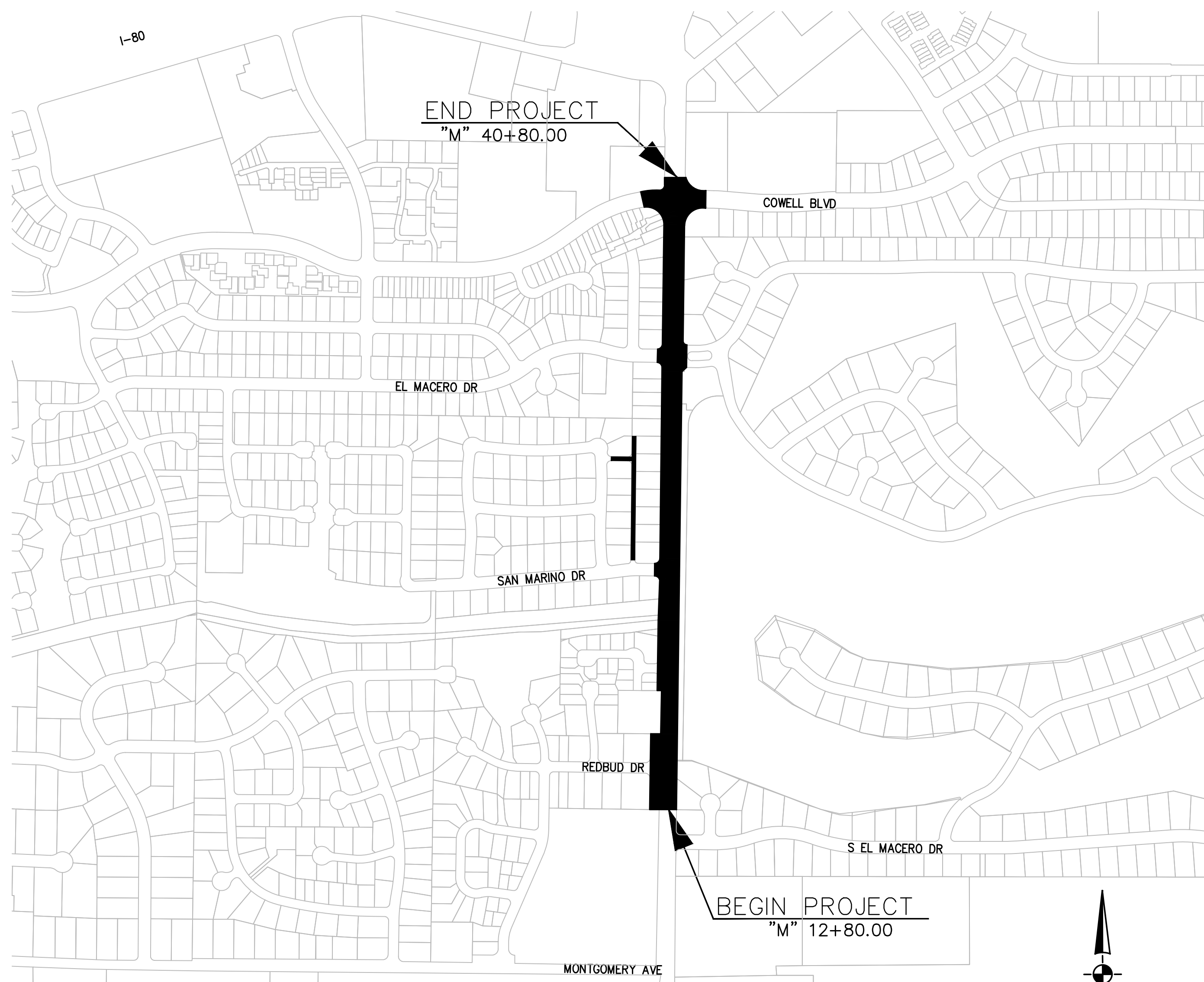


CITY OF DAVIS

IMPROVEMENT PLANS FOR MACE BLVD RECONSTRUCTION C.I.P. XXXX



VICINITY MAP
NTS



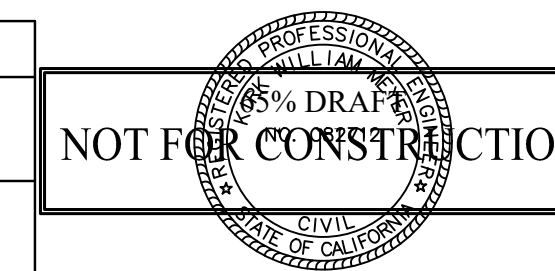
LOCATION MAP
NTS

DRAWING INDEX

PAGE	CODE	TITLE
1	T-1	TITLE SHEET
2	G-1	GENERAL NOTES, LEGENDS, AND ABBREVIATIONS
3	X-1	TYPICAL SECTIONS
4	X-2	TYPICAL SECTIONS
5	DM-1	DEMOLITION PLANS
6	DM-2	DEMOLITION PLANS
7	DM-3	DEMOLITION PLANS
8	L-1	LAYOUTS
9	L-2	LAYOUTS
10	L-3	LAYOUTS
11	L-4	LAYOUTS
12	CD-1	CONSTRUCTION DETAILS
13	CD-2	CONSTRUCTION DETAILS
14	CD-3	CONSTRUCTION DETAILS
15	CD-4	CONSTRUCTION DETAILS
16	CD-5	CONSTRUCTION DETAILS
17	CD-6	CONSTRUCTION DETAILS
18	CD-7	CONSTRUCTION DETAILS
19	SS-1	SIGNING AND STRIPING PLANS
20	SS-2	SIGNING AND STRIPING PLANS
21	SS-3	SIGNING AND STRIPING PLANS
22	SS-4	SIGNING AND STRIPING PLANS
23	SS-5	SIGNING AND STRIPING PLANS
24	E-1	TRAFFIC SIGNAL MODIFICATION PLANS
25	E-2	TRAFFIC SIGNAL MODIFICATION PLANS
26	E-3	TRAFFIC SIGNAL MODIFICATION PLANS
27	E-4	TRAFFIC SIGNAL MODIFICATION PLANS
28	E-5	FLASHING BEACON MODIFICATION PLAN

PROJECT APPROVALS

TITLE / NAME	SIGNATURE	DATE
CITY ENGINEER <i>Dianna Jensen</i>		



REV.	DATE	DESCRIPTION	BY

**MACE BLVD COMPLETE STREET
TITLE SHEET**
C.I.P. # 8257



CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 1 OF 28 SHEETS		DWG. NO. T-1

Updated: 8/31/2022 4:11:51 PM By: Kirk Meyer
 File: P:\Prof\19316-01-F&P-Davis\03-PLANS\SHEETS\19316-00-T-Title.dwg (Tab: T-1)
 XREFS: 19316_XR-TBLK | MB_GIS Parcels | 21303_XR-TBLK-STMP-KMEY

NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIAL CONDITIONS WHICH ARE A PART OF THIS PLAN SET BY REFERENCE. ALL WORK SHALL ALSO BE PERFORMED IN ACCORDANCE WITH THE CITY OF DAVIS PUBLIC WORKS STANDARD SPECIFICATIONS AND PARKS DEPARTMENT STANDARD SPECIFICATIONS MOST RECENT EDITION, INCLUDING ANY ADDENDA.
- BASIS OF ELEVATIONS: USE RIM ELEVATION OR EXISTING MAINTENANCE HOLES AT EACH INTERSECTION.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF DAVIS AT PHONE (530)757-5686 AT LEAST 2 WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION WORK AND PRIOR TO RESUMING WORK ON SITE AFTER AN EXTENDED SHUT DOWN (LONGER THAN ONE WEEK IN DURATION).
- THE CITY OF DAVIS IS A MEMBER OF THE UNDERGROUND SERVICES ALERT (U.S.A.) ONE CALL PROGRAM. ALL CONTRACTORS ON THIS PROJECT SHALL NOTIFY U.S.A. 48 HOURS (2 WORKING DAYS) IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE TOLL FREE PHONE NUMBER IS 811. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR.
- IF CULTURAL RESOURCES, INCLUDING ARTIFACTS AND HUMAN REMAINS, ARE ENCOUNTERED DURING GROUND DISTURBANCE ACTIVITIES, CONSTRUCTION SHALL BE HALTED IMMEDIATELY AND A QUALIFIED PROFESSIONAL ARCHEOLOGIST CONSULTED. ALL CONTRACTOR PERSONNEL ARE REQUIRED TO MONITOR FOR SIGNS OF POTENTIAL UNDISCOVERED PALEONTOLOGICAL, ARCHAEOLOGICAL, ETHNIC, OR RELIGIOUS RESOURCES. IN THE EVENT ANY ARE FOUND, WORK SHALL HALT AND THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AND FOLLOW THE MITIGATION MEASURES IN THE PROJECT TECHNICAL SPECIFICATIONS.
- IF HUMAN REMAINS ARE ENCOUNTERED, CALIFORNIA STATE LAW REQUIRES THAT THE YOLO COUNTY CORONER AND THE NATIVE AMERICAN HERITAGE COMMISSION BE CONTACTED. ALL CONTRACTOR PERSONNEL ARE NOT TO DISTURB A HUMAN BURIAL. IF HUMAN BURIALS ARE ENCOUNTERED, WORK WILL HALT, THE CONTRACTOR WILL NOTIFY THE INSPECTOR AND FOLLOW THE MITIGATION MEASURES IN THE PROJECT TECHNICAL SPECIFICATIONS.
- THE FOLLOWING LIST OF STANDARD PLANS, CONTAINED IN THE PUBLIC WORKS STANDARD SPECIFICATIONS, APPLY TO THIS PROJECT:

DRAWING NUMBER	PLAN TITLE
301-3	CURB RAMPS
301-5	MONUMENT BOX
401	DROP INLET
401-2	CONCRETE COLLAR FOR JOINING RCP AND CIPP
- THE CONTRACTOR SHALL INSPECT THE PROJECT SITE PRIOR TO SUBMITTING A BID IN ORDER TO OBSERVE AND DETERMINE THE EXISTING JOB SITE CONDITIONS.
- THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THESE PLANS DO NOT INCLUDE COMPONENT'S NECESSARY FOR CONSTRUCTION SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE PROJECT AND TO COMPLY WITH CONSTRUCTION SAFETY ORDERS AND CAL/OSHA REQUIREMENTS. THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL TRAFFIC CONTROL AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) ISSUED BY CALTRANS. NO WORK MAY TAKE PLACE WITHOUT A CITY ENGINEER APPROVED TRAFFIC CONTROL PLAN IN PLACE. TRAFFIC CONTROL PLANS SHALL BE SUBMITTED FOR EACH PHASE OF THE WORK.
- THE CONTRACTOR SHALL PROVIDE FOR CONTINUOUS VEHICULAR AND PEDESTRIAN INGRESS AND EGRESS TO ALL PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION UNLESS APPROVED IN ADVANCE BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO THE SITE OR THE SURROUNDING AREA AS A RESULT OF THE CONTRACTOR'S WORK OR OPERATIONS, EXISTING FACILITIES THAT ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- IF, DURING THE COURSE OF THE WORK, THE CONTRACTOR ENCOUNTERS ANY SURFACE OR SUBSURFACE MATERIALS THAT THEY BELIEVE ARE HAZARDOUS (AS DEFINED IN SECT. 25117 OF THE HEALTH AND SAFETY CODE), THE CONTRACTOR MUST INFORM THE ENGINEER IN WRITING IMMEDIATELY. MATERIAL IS TO REMAIN UNDISTURBED UNTIL AN INVESTIGATION BY THE TOWN. REMOVAL AND/OR DISPOSAL OF HAZARDOUS MATERIALS IS NOT PART OF THE SCOPE OF WORK.
- THE PRIME CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE APPROPRIATELY LICENSED BY THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD. (SEE SPECIAL PROVISIONS FOR LICENSURE REQUIREMENTS)

ABBREVIATIONS:

L	ANGLE
AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
AP	ANGLE POINT
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BEG	BEGIN
BFP	BACKFLOW PREVENTER
BO	BLOW-OFF VALVE
BSW	BACK OF SIDEWALK
C,CONC	CONCRETE
C&G	CURB AND GUTTER
CG&S	CURB, GUTTER AND SIDEWALK
CHWD	CITRUS HEIGHTS WATER DISTRICT
CL	CENTER LINE
CH	CHORD
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONST	CONSTRUCT
CTV	CABLE TV
CR	CURB RETURN
CMS	CHANGEABLE MESSAGE SIGN
CSPWA	COUNTY OF SACRAMENTO PUBLIC WORKS AND INFRASTRUCTURE AGENCY
DI	DROP INLET
DWY	DRIVEWAY
DWG	DRAWING
EC	END CURVE
ECR	END CURB RETURN
EG	EXISTING GRADE
EJ	EXPANSION JOINT
EL,ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EW	EACH WAY
EX	EXISTING
FC	FACE OF CURB
FD	FOUND
FES	FLARED END SECTION
FG	FINISHED GROUND
FH	FIRE HYDRANT
FL	FLOW LINE
FM	FORCE MAIN
G	GAS
GB	GRADE BREAK
GFL	GUTTER FLOW LINE
GR	GRATE
GV	GATE VALVE
HP	HIGH POINT
HR	HANDICAP RAMP
INV	INVERT
IP	IRON PIPE
JP	JOINT POLE
L=	LENGTH
LF	LINEAR FEET
LOL	LAYOUT LINE
LT	LEFT
LP	LOW POINT
ME	MAINTENANCE EASEMENT
MH	MANHOLE
MOD	MODIFIED
MP	MIDPOINT
No.	NUMBER
OC	ON CENTER
OG	ORIGINAL GROUND
OH	OVERHEAD
PB	PULL BOX
PI	POINT OF INTERSECTION
R	RIGHT
POT	POINT ON TANGENT
PP	POWER POLE, POLYPROPYLENE PIPE
PCC	POINT OF COMPOUND CURVE
PROP	PROPOSED
PS	PLANTER STRIP
PT	POINT
PUE	PUBLIC UTILITY EASEMENT
PVMT	PAVEMENT
RC	RELATIVE COMPACTION
R,R=	RADIUS
REINF	REINFORCED
RT	RIGHT
R,W	RIGHT-OF-WAY
RW	RETAINING WALL
S=	SLOPE
SD	STORM DRAIN
SDCO	STORM DRAIN CLEANOUT
SDMH	STORM DRAIN MH
SDW,SW	SIDEWALK
SECT	SECTION
SHT	SHEET
SRTD	SACRAMENTO REGIONAL TRANSIT DISTRICT
SS	SANITARY SEWER
SSMH	SANITARY SEWER MH
STA	STATION
T	TELEPHONE
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION ENTRANCE
TFC	TOP FACE OF CURB
TRANS	TRANSITION
TYP	TYPICAL
W,WTR	WATER
WV	WATER VALVE
XW	CROSSWALK

LEGEND

	EXISTING	PROPOSED
SURVEY MONUMENT		
SURVEY BENCHMARK		
SPOT ELEVATION		
CONTOUR LINE		
JOINT UTILITY POLE		
UTILITY POLE		
GUY WIRE & ANCHOR		
CENTERLINE		
AC DIKE		
FENCE (CHAINLINK)		
FENCE (WOOD)		
GUARDRAIL		
PROPERTY LINE		
RIGHT-OF-WAY		
UTILITY EASEMENT		
TOP OF EMBANKMENT		
TOE OF EMBANKMENT		
STORM DRAIN		
STORM DRAIN MANHOLE		
STORM DRAIN CATCH BASIN		
SANITARY SEWER		
SANITARY SEWER MANHOLE		
SANITARY SEWER CLEANOUT		
AIR VACUUM RELEASE VALVE		
BLOW-OFF VALVE		
BUTTERFLY VALVE		
BACKFLOW PREVENTER		
FIRE DEPARTMENT CONNECTION		
FIRE HYDRANT		
HOSE BIB		
IRRIGATION CONTROL VALVE		
POST INDICATOR VALVE		
WATER MAIN		
WATER MANHOLE		
WATER SERVICE METER		
WATER VALVE		
WATER VAULT		
ELECTRICAL MANHOLE		
ELECTRICAL PULLBOX		
ELECTRICAL TRANSFORMER		
ELECTRICAL VAULT		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TELEPHONE POLE		
TELEPHONE PULLBOX		
TELEPHONE VAULT		
MISC MANHOLE		
STREET LIGHT		
LIGHT POLE		
STREET LIGHT W/TRAFFIC SIGNAL		
TRAFFIC SIGNAL		
GAS MAIN		
GAS METER		
OVERHEAD UTILITY LINE		
UNDERGROUND ELECTRICAL		
OVERHEAD ELECTRICAL		
UNDERGROUND TELEPHONE		
OVERHEAD TELEPHONE		
MAILBOX		
REMOVE TREE		
BUILDING		
RELOCATE "TO" "FROM"		

Updated: 8/30/2022 4:11:58 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis TO1 Mace Reconstruction\03-PLANS\SHEETS\19316-10-G-General.dwg (Tab: 19316-10-G-General)
 XREFS: 19316.XR-TBLK | 21303.XR-TBLK-STMP-KMEY

REV.	DATE	DESCRIPTION	BY

MACE BLVD COMPLETE STREET

GENERAL NOTES, LEGENDS, AND ABBREVIATIONS

C.I.P. # 8257



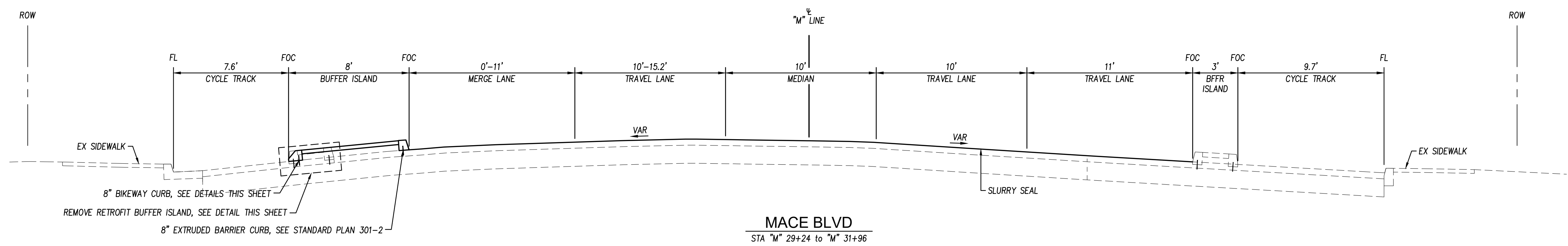
CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

NOT FOR CONSTRUCTION

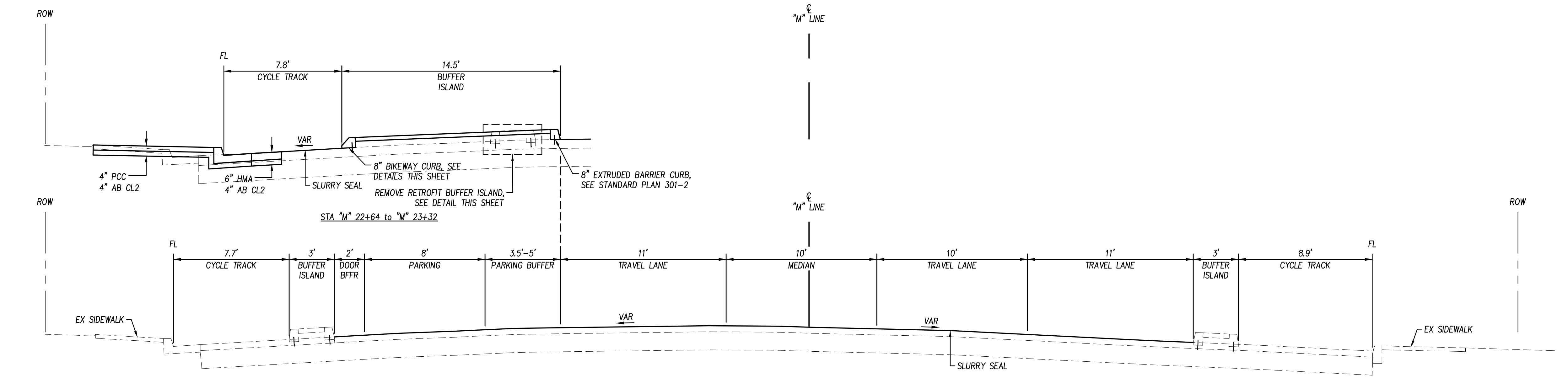
BEN EN
TRUSTED ENGINEERING ADVISORS

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 2 OF 28 SHEETS		DWG. NO. G-1

Updated: 8/30/2022 4:12:15 PM By: Kirk Meyer
 File: P:\Prof\19316-01-F&P-Davis\03-PLANS\SHEETS\19316-30-X-Typicals.dwg (Tab: X-1)
 XREFS: 19316_XR-TBLK | 19316_XR-PAVE | 19316_XR-ROAD | 19316_XR-STRP | 19316_XR-TOPO | 21303_XR-TBLK-STMP-KMEY



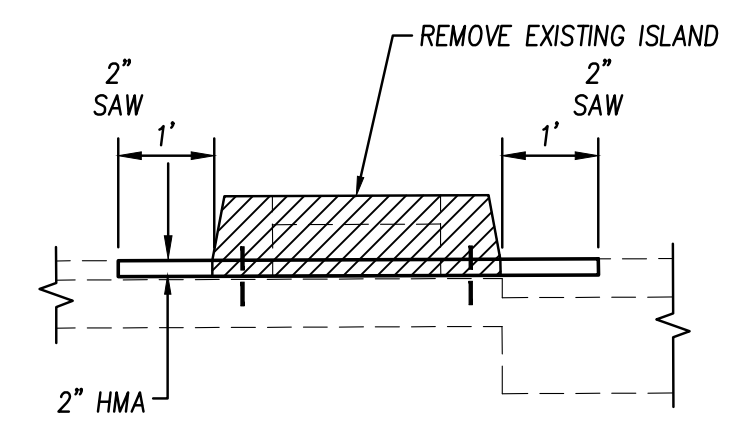
MACE BLVD
STA "M" 29+24 to "M" 31+96



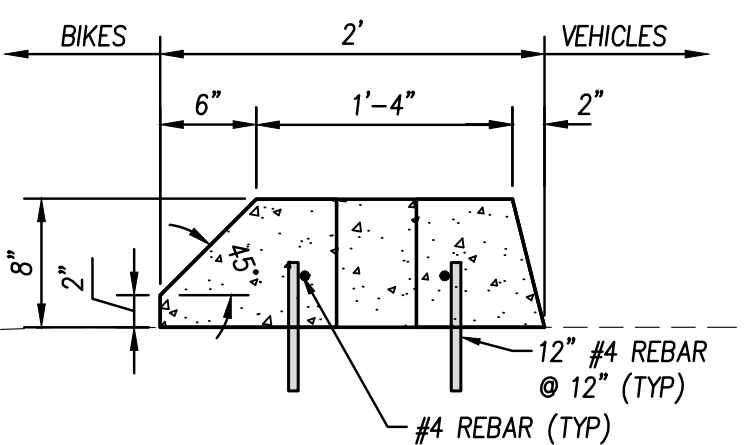
MACE BLVD
STA "M" 23+65 to "M" 29+24



MACE BLVD
STA "M" 20+58 to "M" 21+65

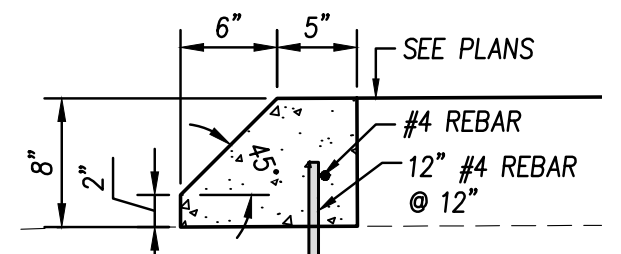


REMOVE RETROFIT BUFFER ISLAND
NTS



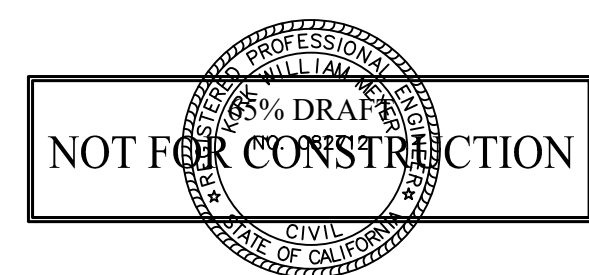
NOTE: PROVIDE DEEP TOOL TROWEL JOINTS @ 12" SPACING. JOINTS SHALL BE CONTINUOUS FRONT FACE, TOP AND BACK OF CURB

BUFFER ISLAND CURB
NTS



NOTE: PROVIDE DEEP TOOL TROWEL JOINTS @ 12" SPACING. JOINTS SHALL BE CONTINUOUS FRONT FACE, TOP AND BACK OF CURB

8" BIKEWAY CURB
NTS



NOT TO SCALE

REV.	DATE	DESCRIPTION	BY

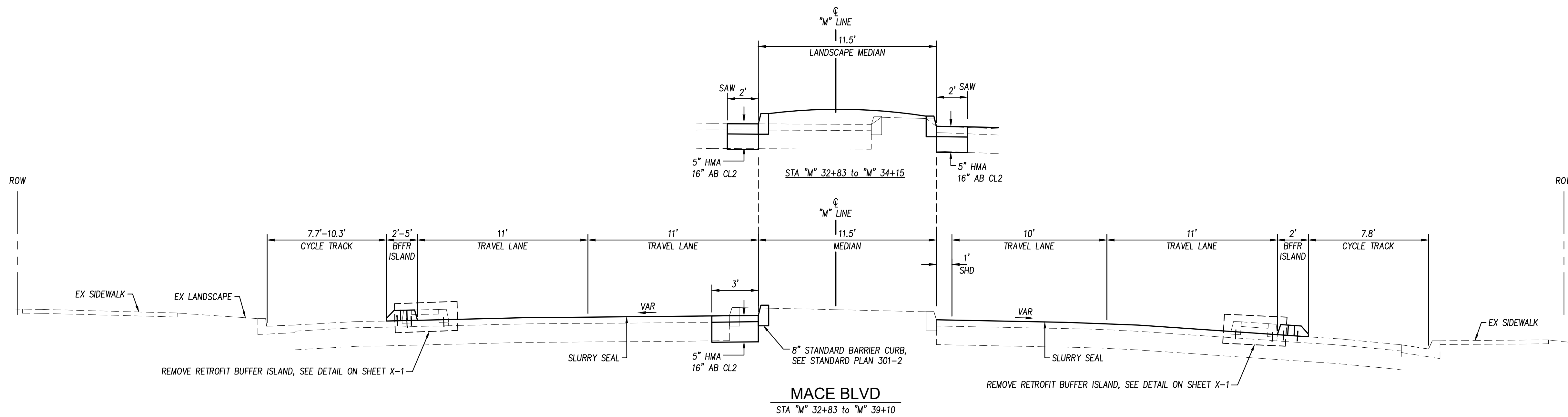
**MACE BLVD COMPLETE STREET
TYPICAL SECTIONS**
C.I.P. # 8257



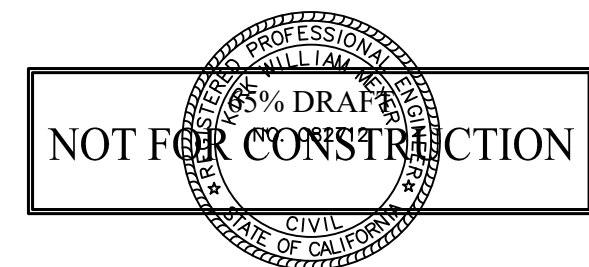
CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 3 OF 28 SHEETS		DWG. NO. X-1

Updated: 8/30/2022 4:12:17 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis\03-PLANS\03-PLANS\19316-30-X-Typicals.dwg (Tab: X-2)
 XREFS: 19316_XR-TBLK | 19316_XR-PAVE | 19316_XR-ROAD | 19316_XR-STRP | 19316_XR-TOPO | 21303_XR-TBLK-STMP-KMEY



NOT TO SCALE



REV.	DATE	DESCRIPTION	BY


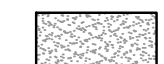


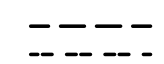
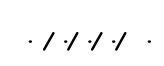


**MACE BLVD COMPLETE STREET
 TYPICAL SECTIONS**
 C.I.P. # 8257

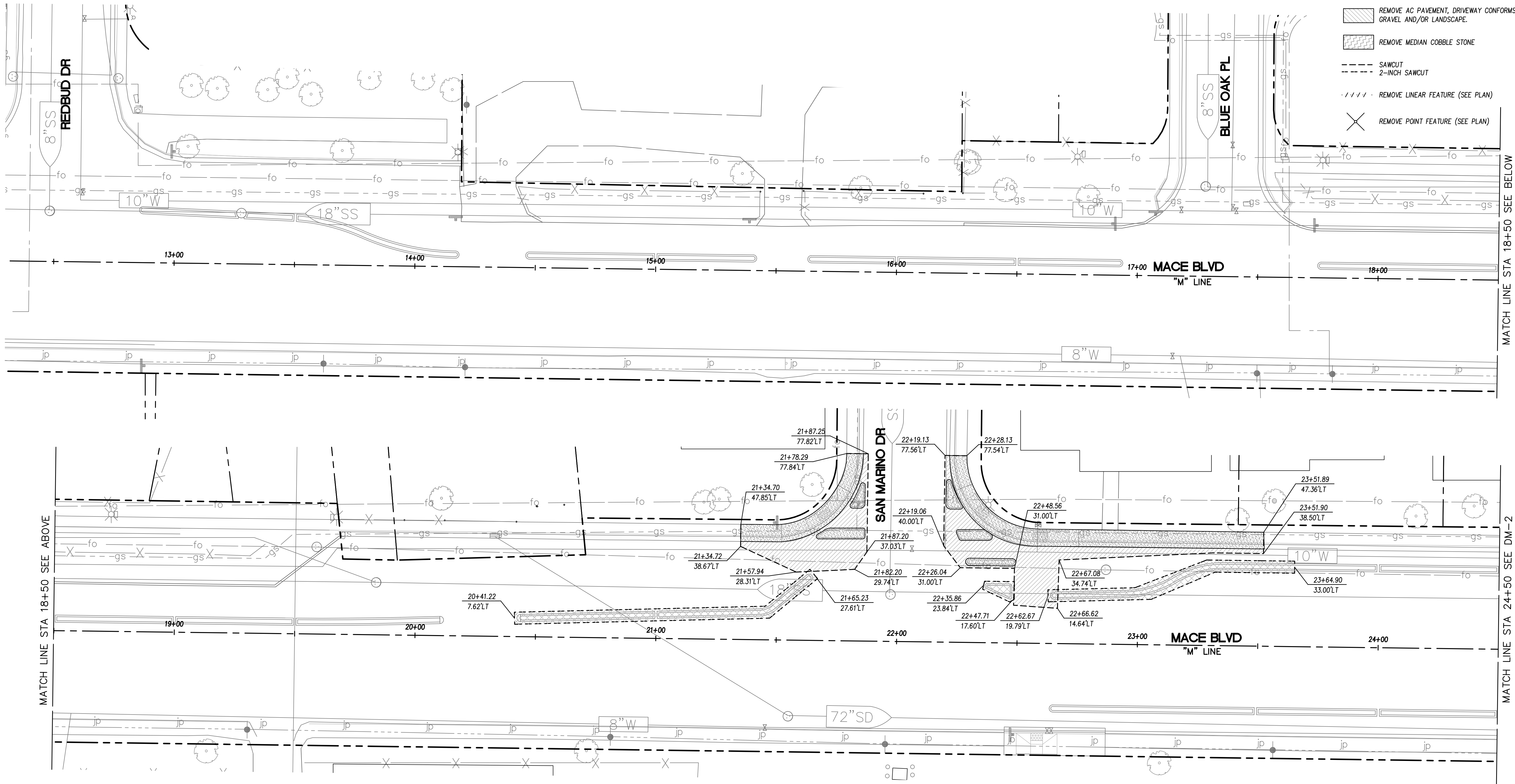


CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 4 OF 28 SHEETS		DWG. NO. X-2

Updated: 8/31/2022 4:12:32 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis TO1 Mace Reconstruction\03-PLANS\SHEETS\19316-35-D-Demolition.dwg (Tab: DM-1)
 XREFS: 19316_XR-TBLK | 19316_XR-ROAD | 19316_XR-TOPO | 19316_XR-PAVE | 19316_XR-UTIL | 19316_XR-STRIP | 21303_XR-TBLK-STIMP-KMEY | 19316_XR-PROP | 19316_XR-DEMO

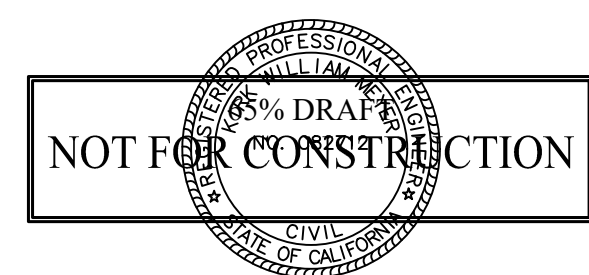
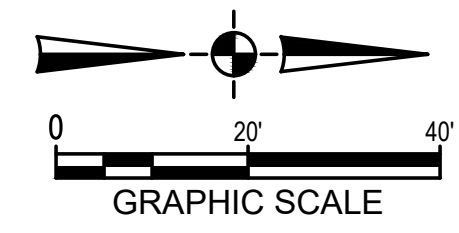
- LEGEND:**
-  REMOVE BUFFER ISLAND PER DETAIL ON SHEET X-1
 -  REMOVE CONC SIDEWALK, MEDIAN, CURB RAMP, CURB, AND/OR GUTTER
 -  REMOVE AC PAVEMENT, DRIVEWAY CONFORMS, GRAVEL AND/OR LANDSCAPE.
 -  REMOVE MEDIAN COBBLE STONE
 -  SAWCUT
 -  2-INCH SAWCUT
 -  REMOVE LINEAR FEATURE (SEE PLAN)
 -  REMOVE POINT FEATURE (SEE PLAN)



MATCH LINE STA 18+50 SEE ABOVE

MATCH LINE STA 18+50 SEE BELOW

MATCH LINE STA 24+50 SEE DM-2



REV.	DATE	DESCRIPTION	BY

MACE BLVD COMPLETE STREET DEMOLITION PLANS
 C.I.P. # 8257

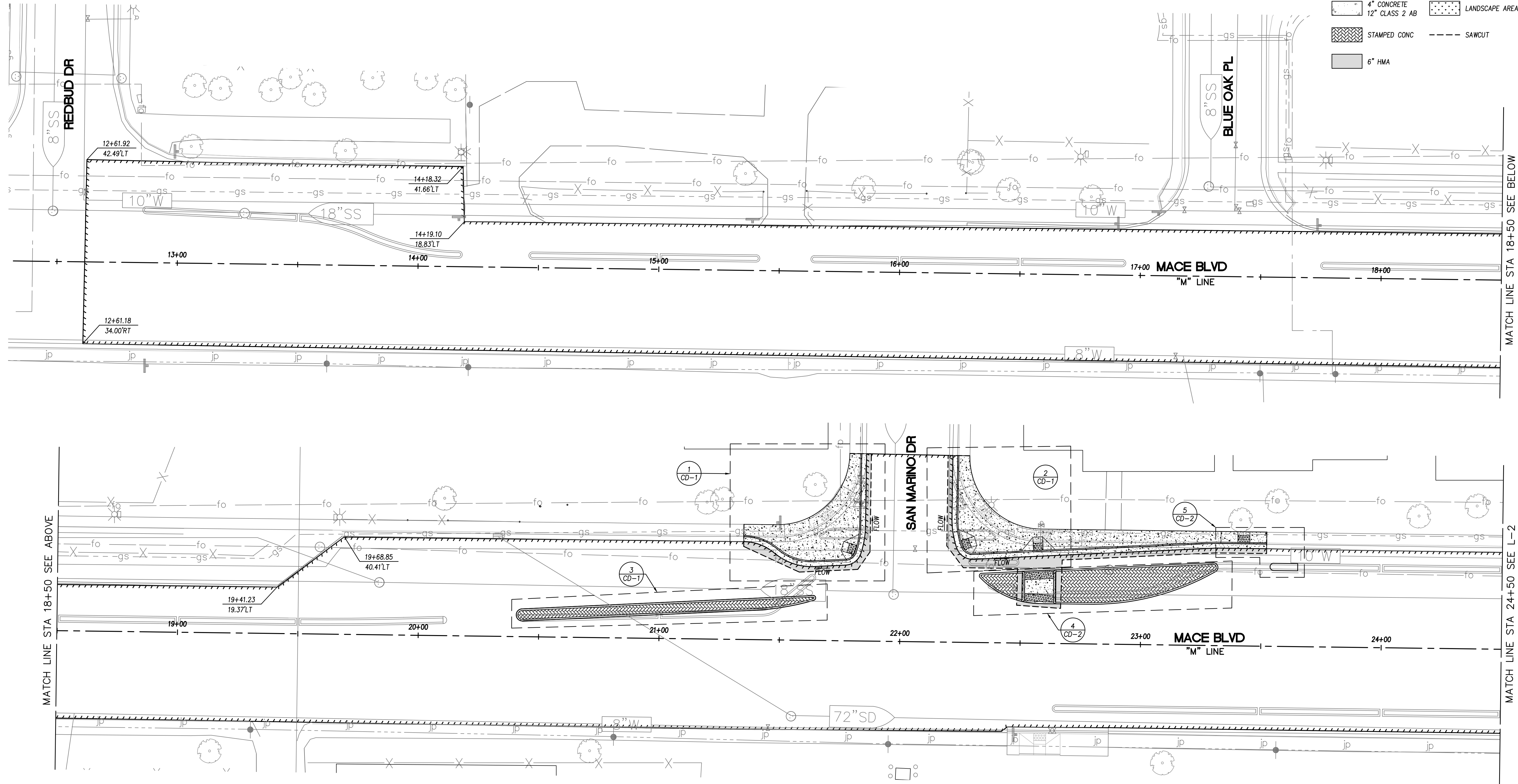


CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 5 OF 28 SHEETS		DWG. NO. DM-1

Updated: 8/31/2022 4:12:51 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis TO1 Mace Reconstruction\03-PLANS\SHEETS\19316-40-L-Layouts.dwg (Tab: L-1)
 XREFS: 19316_XR-TBLK | 19316_XR-ROAD | 19316_XR-TOPO | 19316_XR-PAVE | 19316_XR-UTIL | 19316_XR-STRP | 21303_XR-TBLK-STMP-KMEY

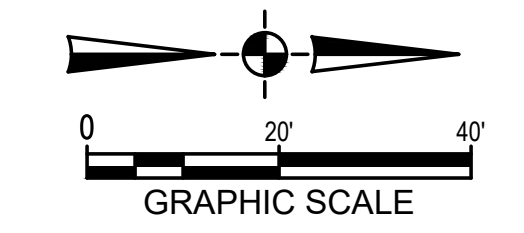
- LEGEND:**
- SLURRY SEAL LIMITS
 - STAMPED 8" TRUCK APRON
 - 4" CONCRETE 12" CLASS 2 AB
 - LANDSCAPE AREA
 - STAMPED CONC
 - SAWCUT
 - 6" HMA



MATCH LINE STA 18+50 SEE ABOVE

MATCH LINE STA 18+50 SEE BELOW

MATCH LINE STA 24+50 SEE L-2



NOT FOR CONSTRUCTION



REV.	DATE	DESCRIPTION	BY

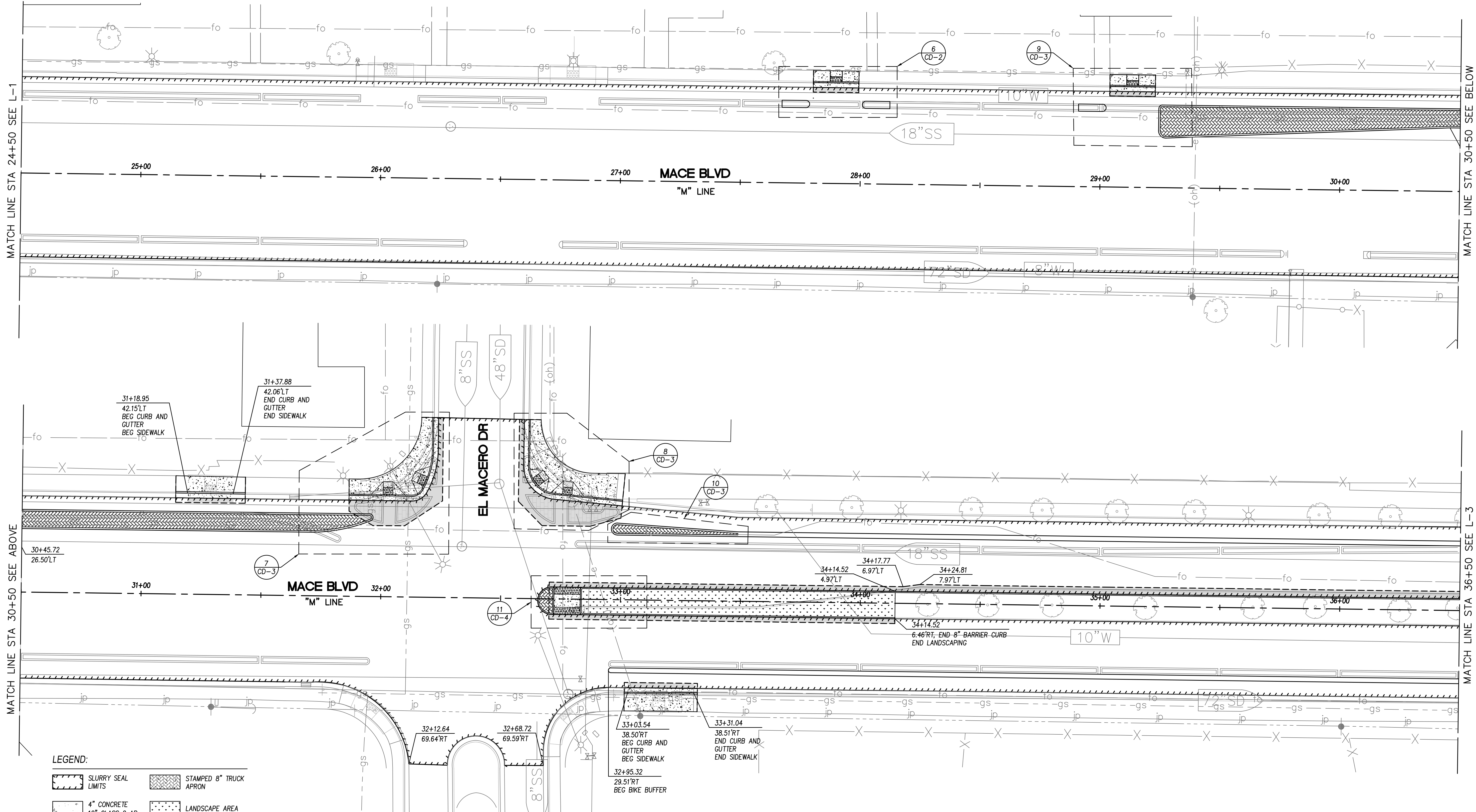
MACE BLVD COMPLETE STREET LAYOUTS
 C.I.P. # 8257



CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 8 OF 28 SHEETS		DWG. NO. L-1

Updated: 8/31/2022 4:12:54 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis\19316-01-Plans\19316-01-Layouts.dwg (Tab: L-2)
 XREFS: 19316_XR-TBLK | 19316_XR-ROAD | 19316_XR-PAVE | 19316_XR-UTIL | 19316_XR-STIP | 21303_XR-TBLK-STMP-KMEY



MATCH LINE STA 24+50 SEE L-1

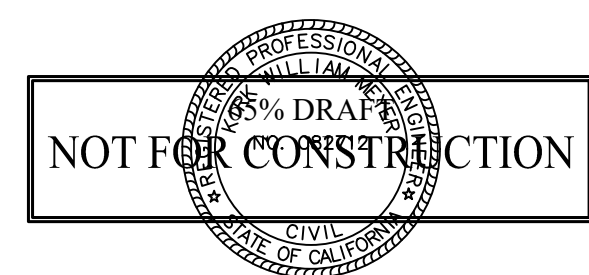
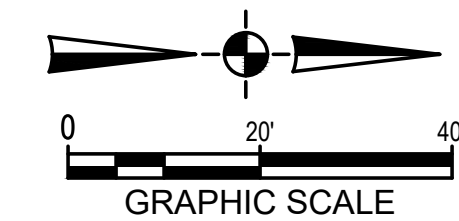
MATCH LINE STA 30+50 SEE ABOVE

MATCH LINE STA 30+50 SEE BELOW

MATCH LINE STA 36+50 SEE L-3

LEGEND:

- SLURRY SEAL LIMITS
- STAMPED 8" TRUCK APRON
- 4" CONCRETE 12" CLASS 2 AB
- LANDSCAPE AREA
- STAMPED CONC
- SAWCUT
- 6" HMA



REV.	DATE	DESCRIPTION	BY

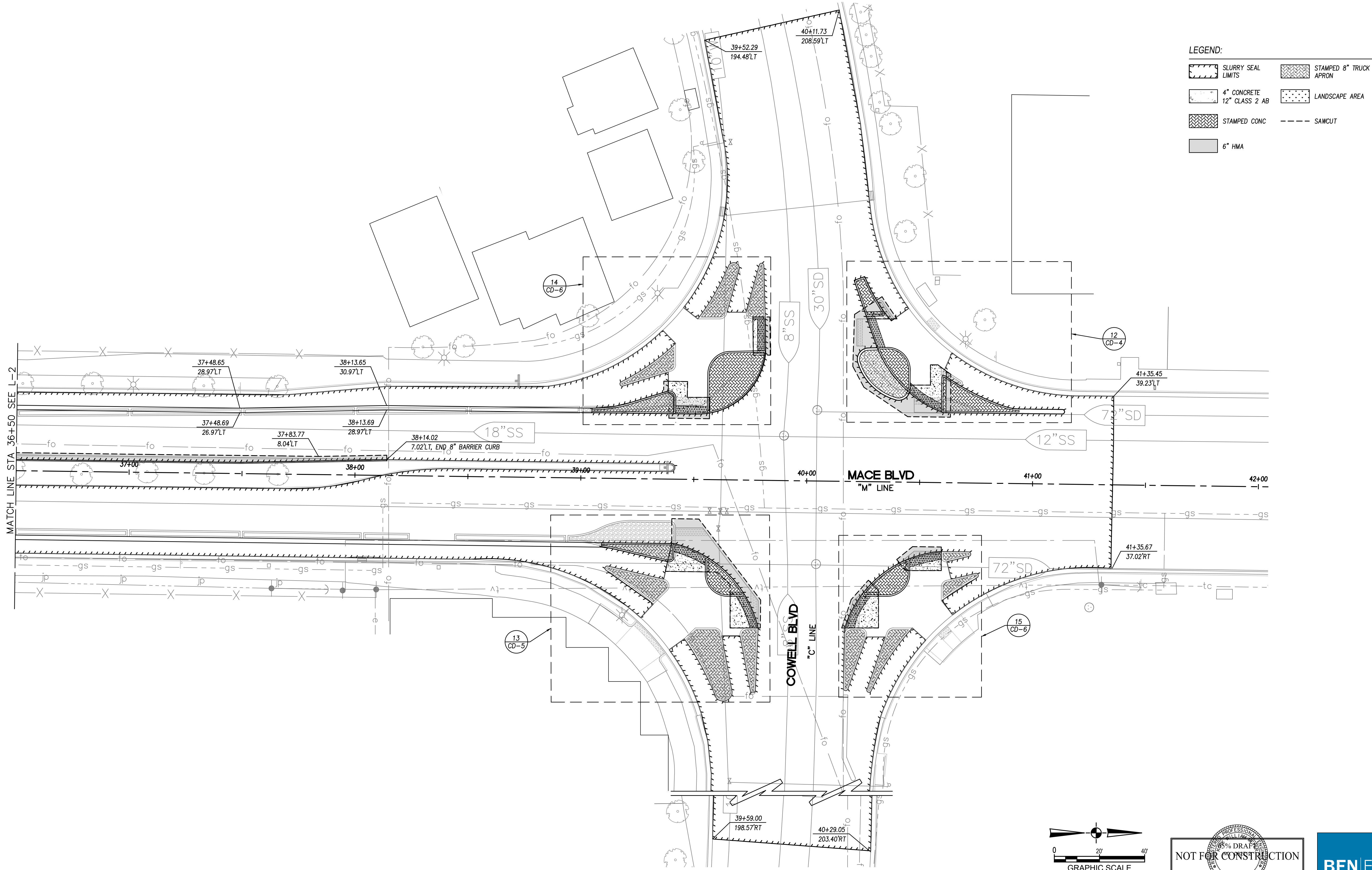
MACE BLVD COMPLETE STREET LAYOUTS
 C.I.P. # 8257



CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

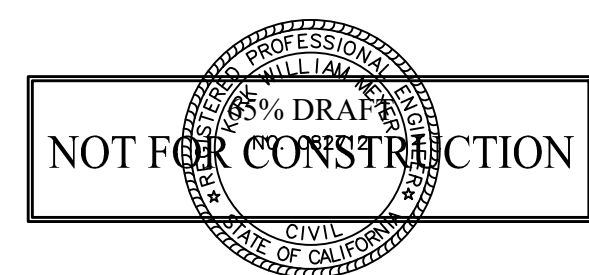
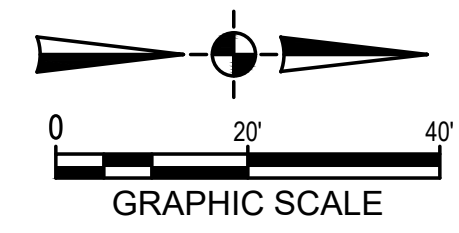
DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 9 OF 28 SHEETS		DWG. NO. L-2

Updated: 8/31/2022 4:36:48 PM By: Kirk Meyer
 File: P:\Prof\19316-01-F&P-Davis\19316-01-F&P-Davis\MASTERS\19316_XR-ROAD.dwg (Tab: L-3)
 XREFS: 19316_XR-TBLK | 19316_XR-ROAD | 19316_XR-TOPO | 19316_XR-PAVE | 19316_XR-UTIL | 19316_XR-STRP | 21303_XR-TBLK-STMP-KMEY



LEGEND:

	SLURRY SEAL LIMITS		STAMPED 8" TRUCK APRON
	4" CONCRETE 12" CLASS 2 AB		LANDSCAPE AREA
	STAMPED CONC		SAWCUT
	6" HMA		



REV.	DATE	DESCRIPTION	BY

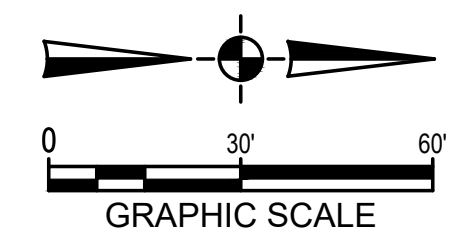
MACE BLVD COMPLETE STREET LAYOUTS
 C.I.P. # 8257



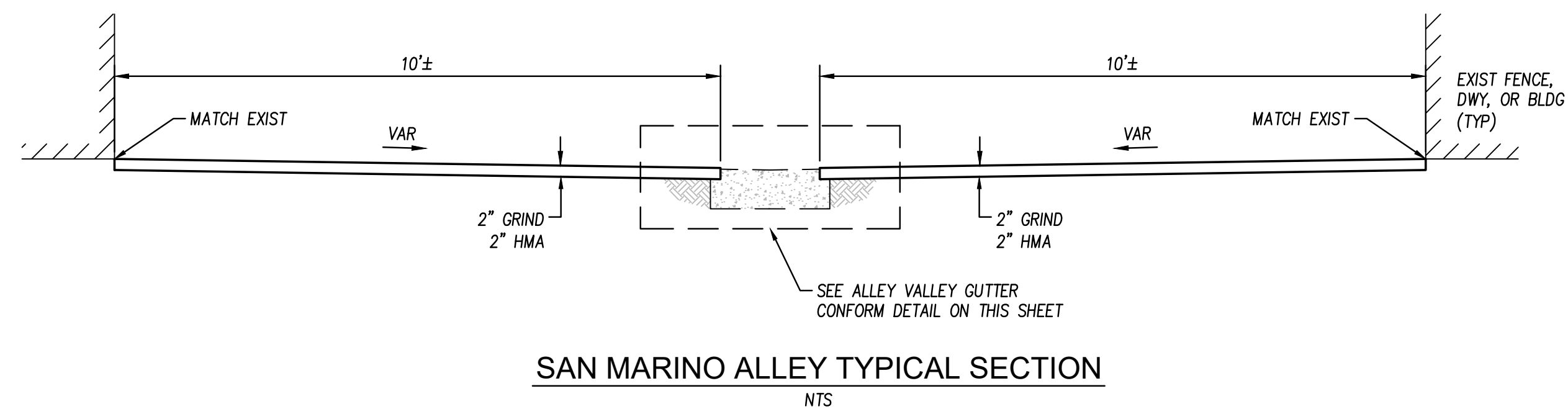
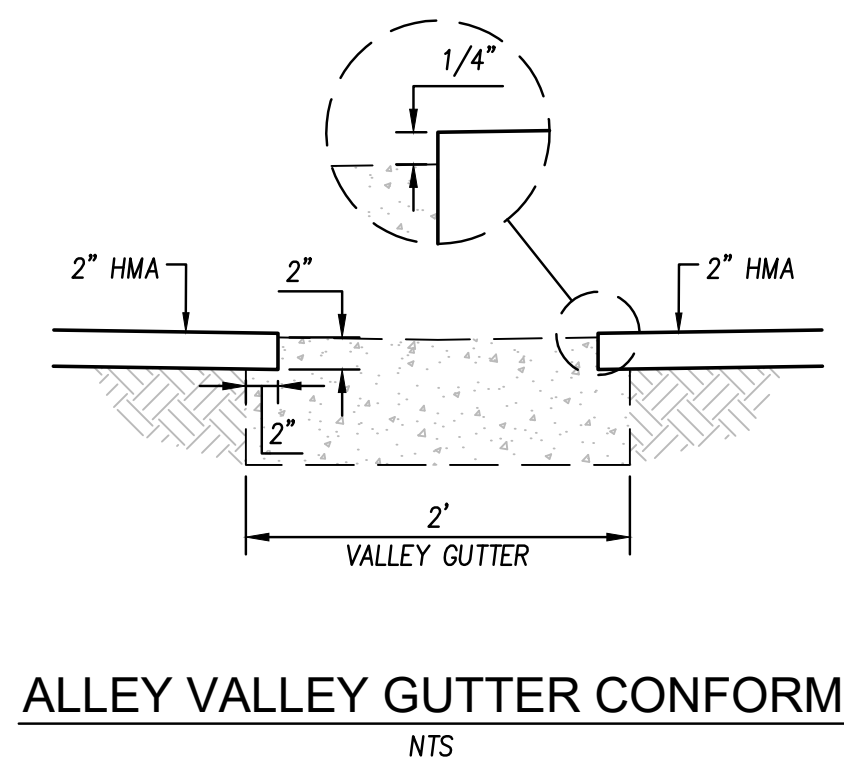
CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: K. Meyer		DATE: 09/01/2022
SHEET 10 OF 28 SHEETS		DWG. NO. L-3

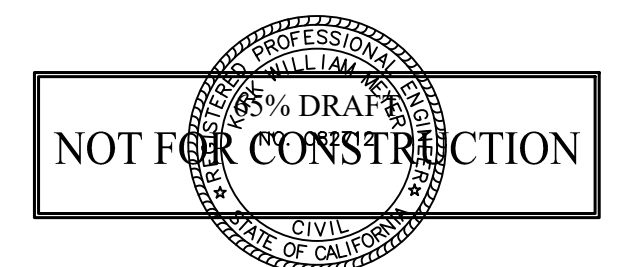
Updated: 8/31/2022 4:13:11 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis\03-PLANS\03-PLANS\19316-41-L-Layouts.dwg (Tab: L-4)
 XREFS: 19316_XR-TBLK | 19316_XR-ROAD | 19316_XR-PAVE | 19316_XR-UTIL | 19316_XR-AERL | 21303_XR-TBLK-STMP-KMEY



- NOTES:**
1. EXACT LOCATION OF GRINDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
 2. PAVING ADJACENT TO ALL GUTTERS SHALL BE 1/4" ABOVE THE LIP OF GUTTER.



LEGEND	
	2" GRIND 2" HMA
	8" PCC



REV.	DATE	DESCRIPTION	BY

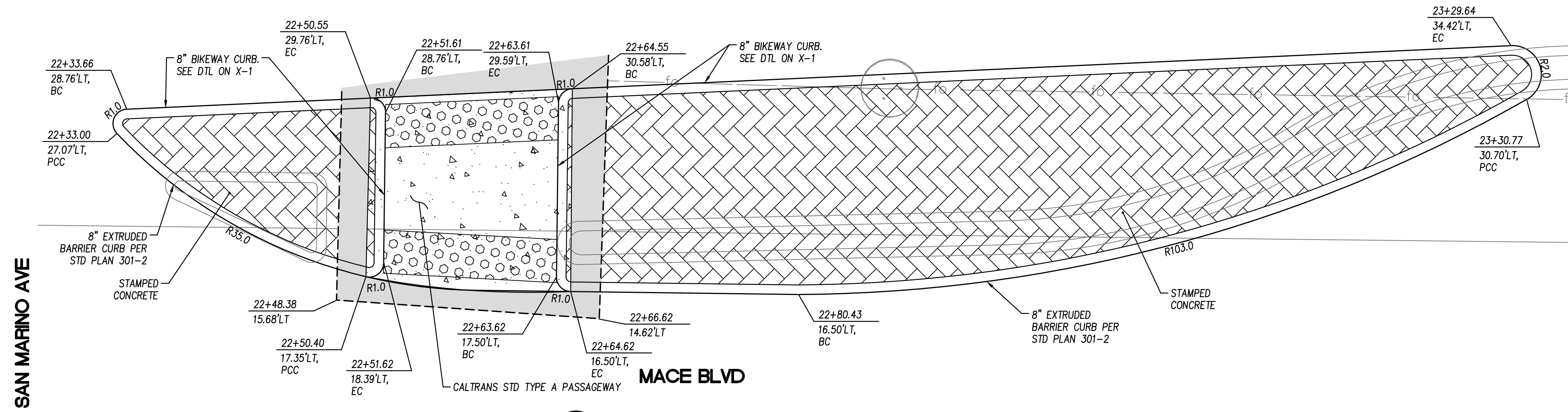
MACE BLVD COMPLETE STREET LAYOUTS
C.I.P. # 8257



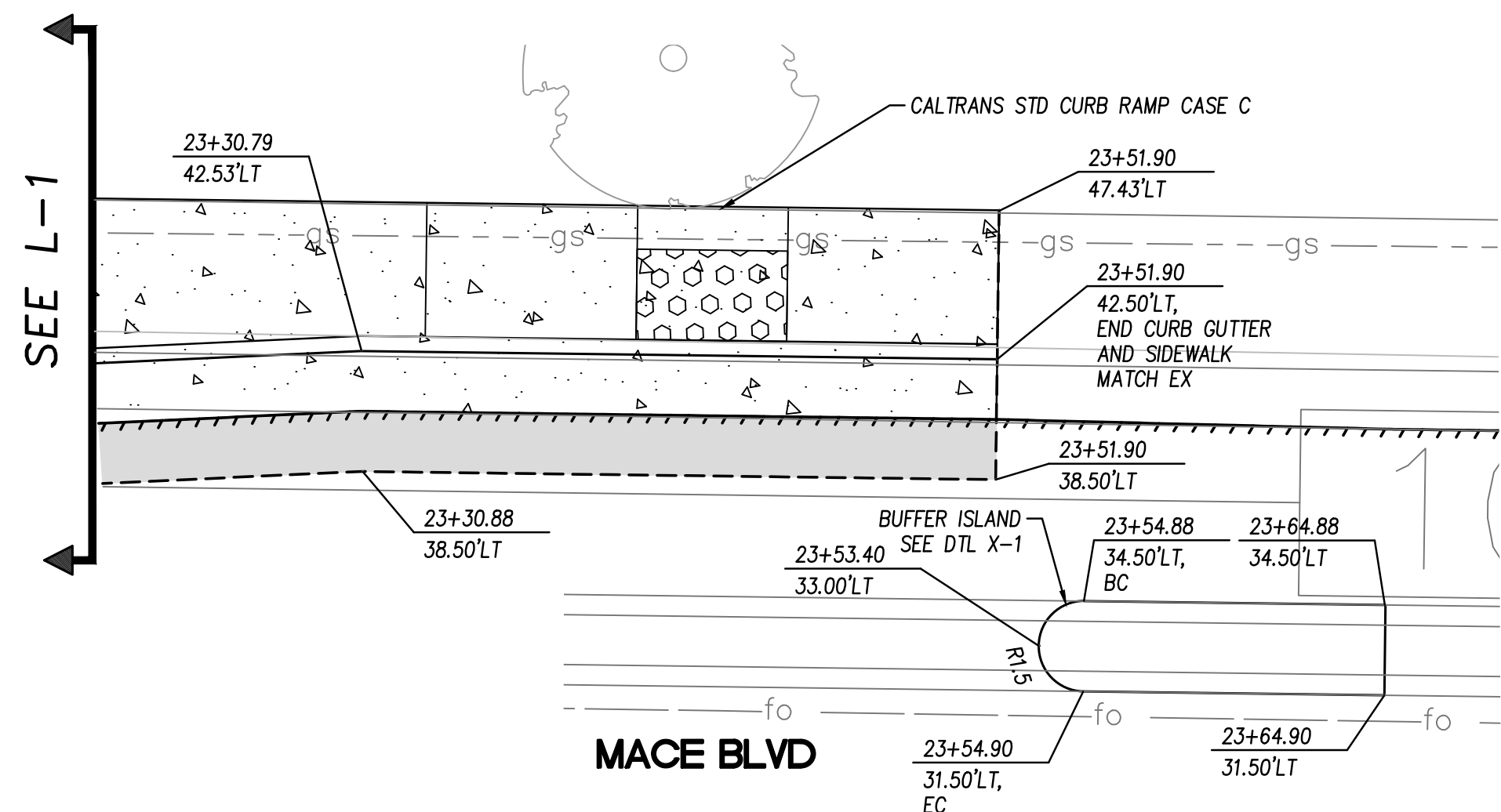
CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: J. Miner		DATE: 09/01/2022
SHEET 11 OF 28 SHEETS		DWG. NO. L-4

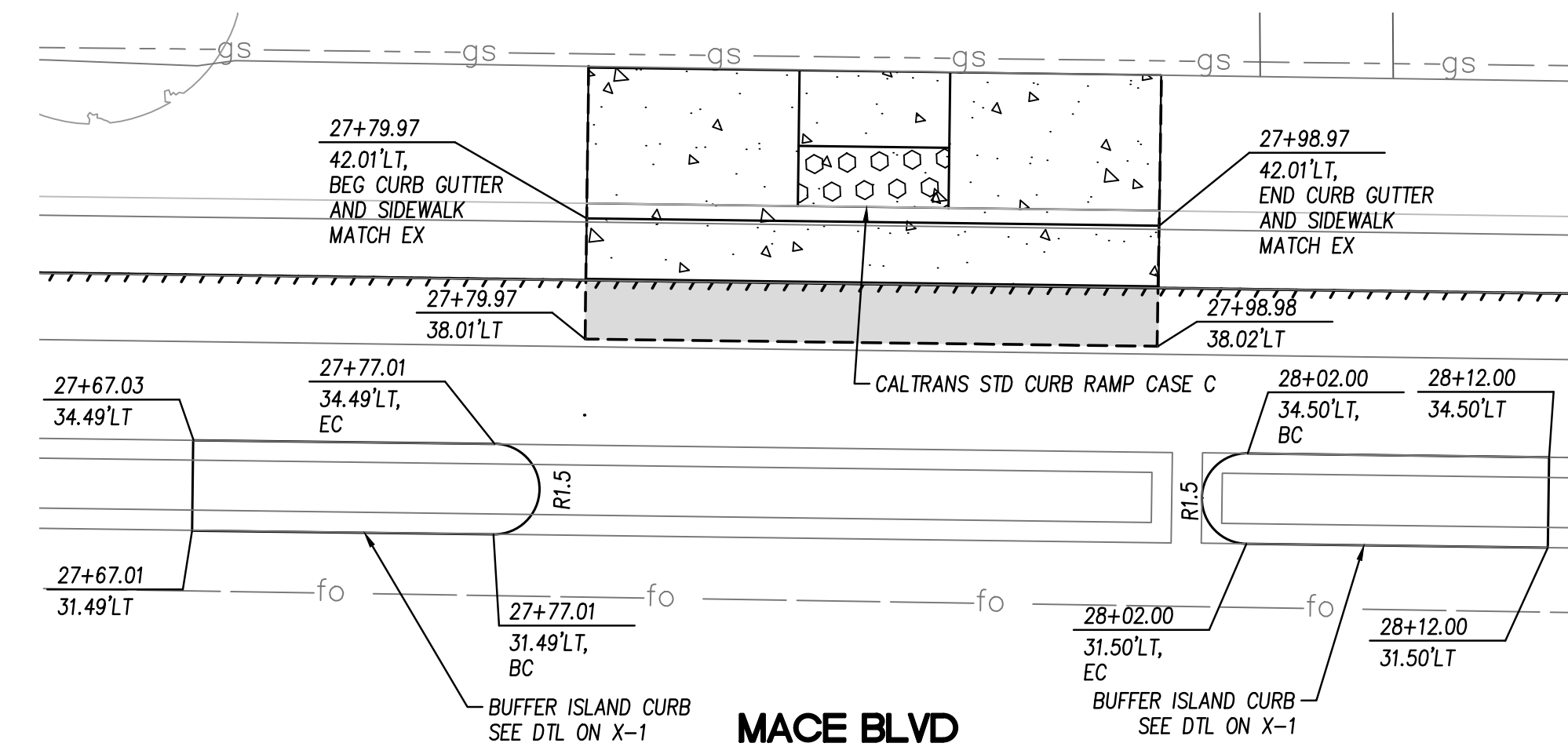
Updated: 8/31/2022 4:13:35 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis\03-PLANS\SHEETS\19316-62-CD-Details.dwg (Tab: CD-2)
 XREFS: 19316_XR-TBLK | 19316_XR-UTIL | 19316_XR-PAVE | 19316_XR-ROAD | 19316_XR-TOPO | 21303_XR-STMP-KMEY



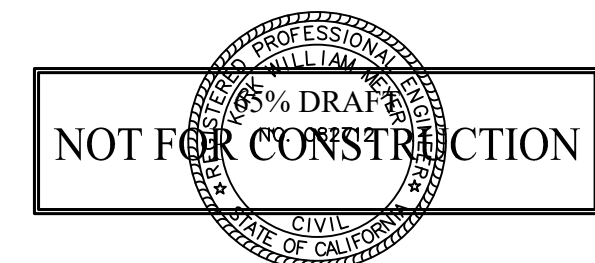
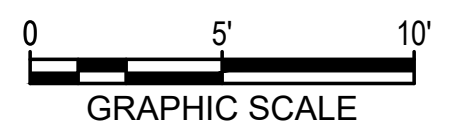
4 SAN MARINO NW ISLAND
L-1 1" = 5'



5 RAMP AT 23+40
L-1 1" = 5'



6 RAMP AT 27+90
L-2 1" = 5'



MACE BLVD COMPLETE STREET CONSTRUCTION DETAILS

C.I.P. # 8257

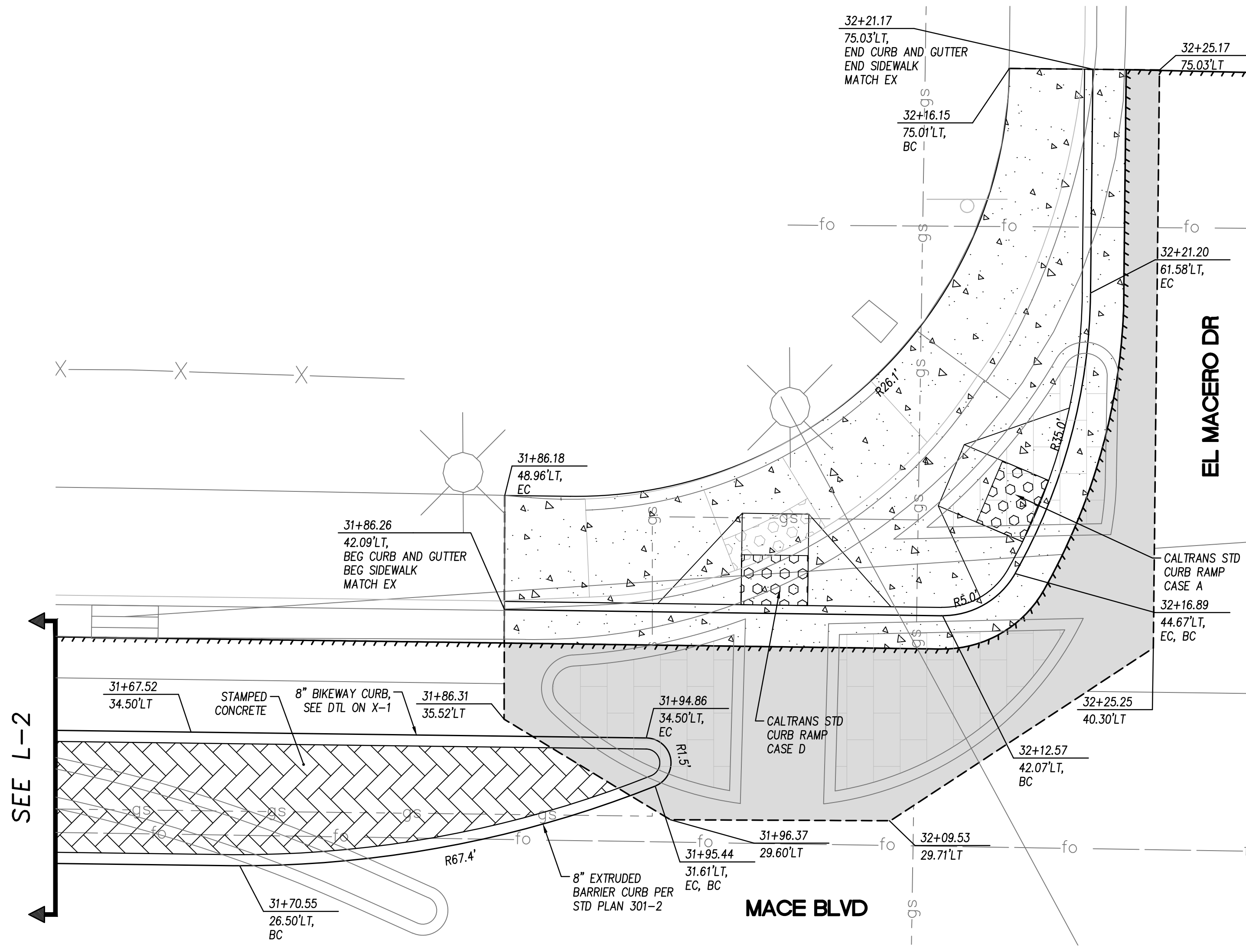


CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

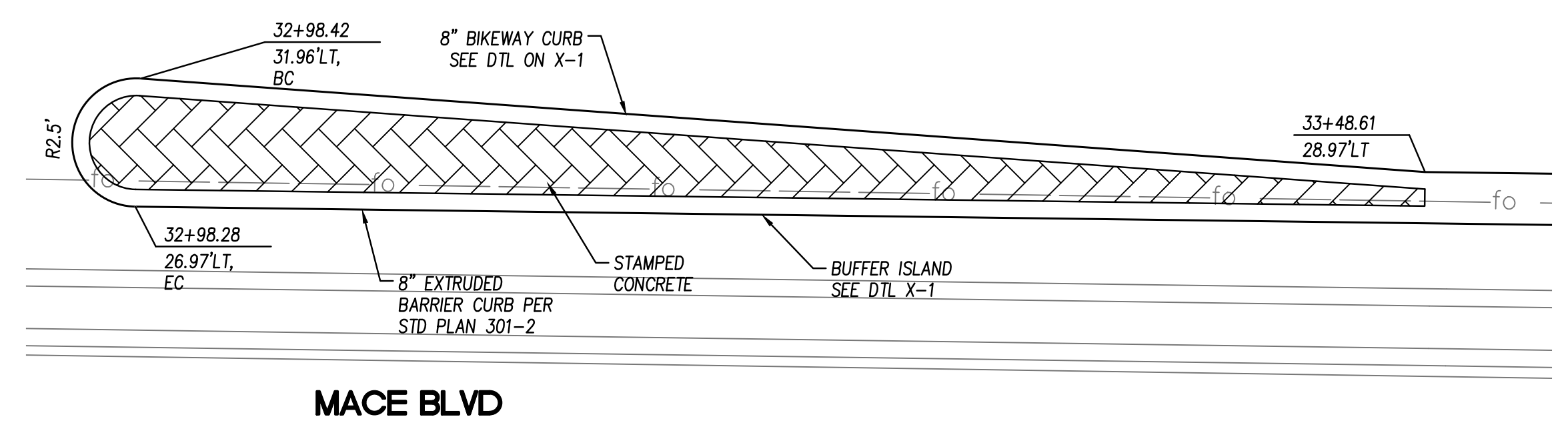
DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: C. Kelly		DATE: 09/01/2022
SHEET 13 OF 28 SHEETS		DWG. NO. CD-2

REV.	DATE	DESCRIPTION	BY

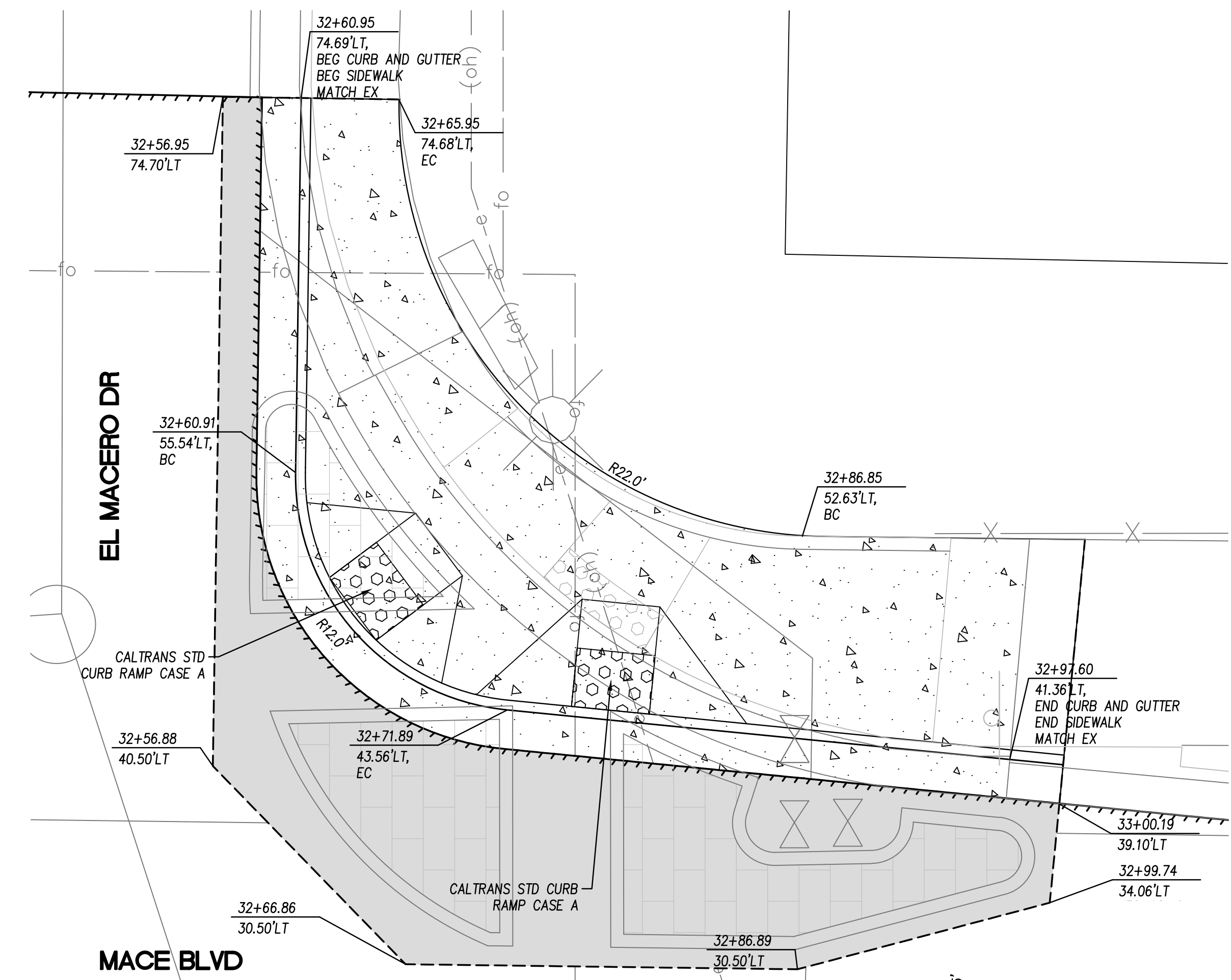
Updated: 8/31/2022 4:13:49 PM By: Kirk Meyer
 File: P:\Prof\19316-01-F&P-Davis\03-PLANS\19316-63-CD-Details.dwg (Tab: CD-3)
 XREFS: 19316.XR-TBLK | 19316.XR-PAVE | 19316.XR-ROAD | 19316.XR-TOPO | 21303.XR-TBLK-STMP-KMEY



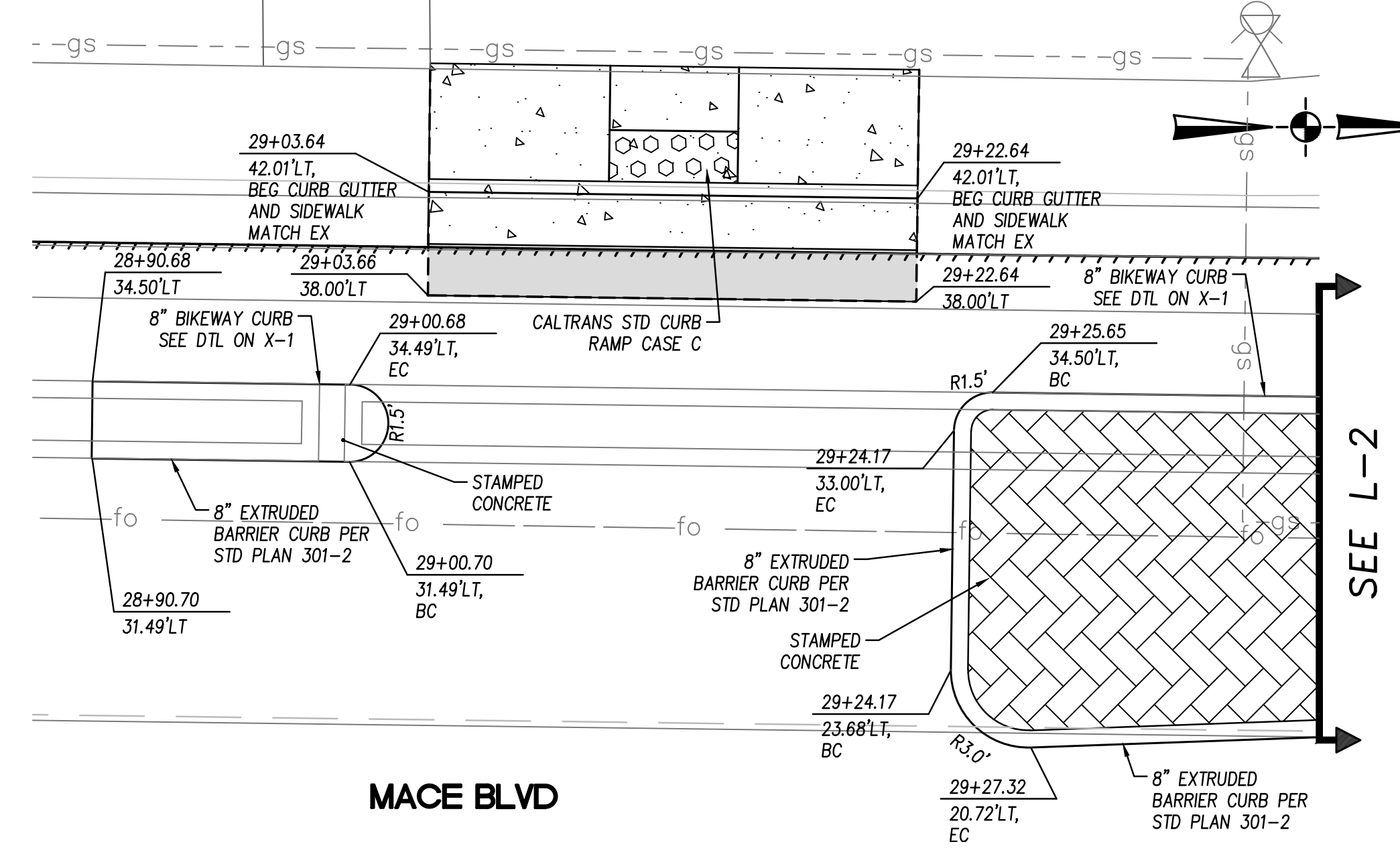
7 EL MACERO DR SW
 L-2 1" = 5'



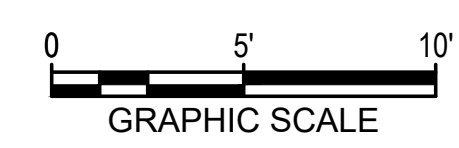
10 EXTRUDED MEDIAN
 L-2 1" = 5'



8 EL MACERO DR NW
 L-2 1" = 5'



9 RAMP AT 29+15
 L-2 1" = 5'



REV.	DATE	DESCRIPTION	BY

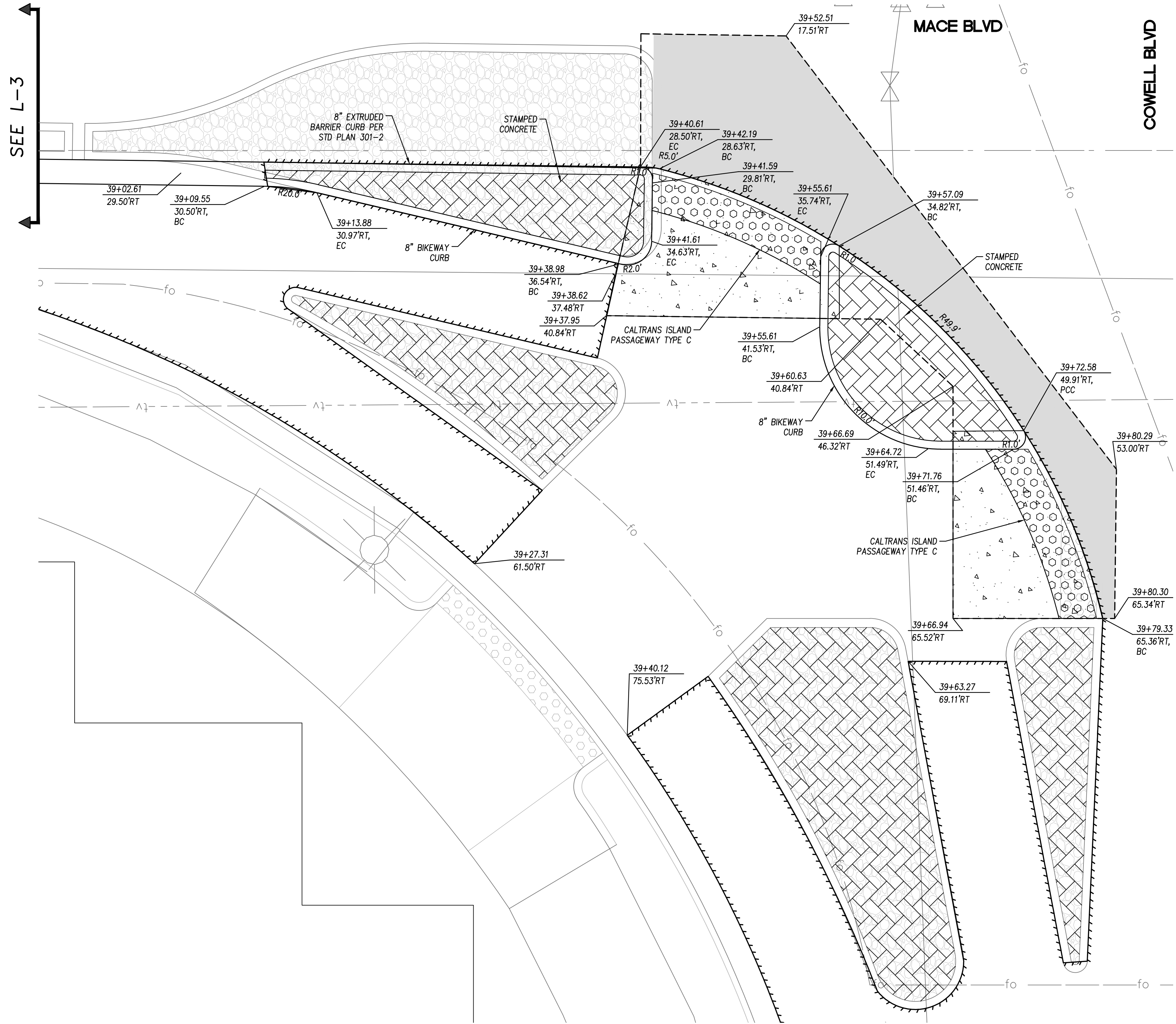
**MACE BLVD COMPLETE STREET
 CONSTRUCTION DETAILS**
 C.I.P. # 8257



CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: C. Kelly		DATE: 09/01/2022
SHEET 14 OF 28 SHEETS		DWG. NO. CD-3

Updated: 8/31/2022 4:14:14 PM By: Kirk Meyer
 File: P:\Proj\19316-01-F&P-Davis\03-PLANS\19316-65-CD-Details.dwg (Tab: CD-5)
 XREFS: 19316_XR-TBLK | 19316_XR-TOPO | 19316_XR-UTIL | 19316_XR-PAVE | 19316_XR-ROAD | 21303_XR-TBLK-STMP-KMEY

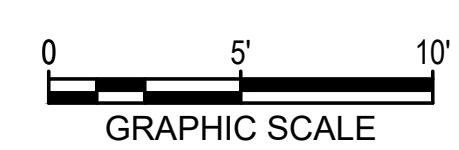
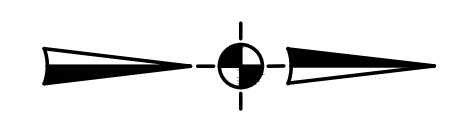


SEE L-3

MACE BLVD

COWELL BLVD

13 COWELL BLVD SE
 L-3 1" = 5'



NOT FOR CONSTRUCTION



MACE BLVD COMPLETE STREET
 CONSTRUCTION DETAILS
 C.I.P. # 8257

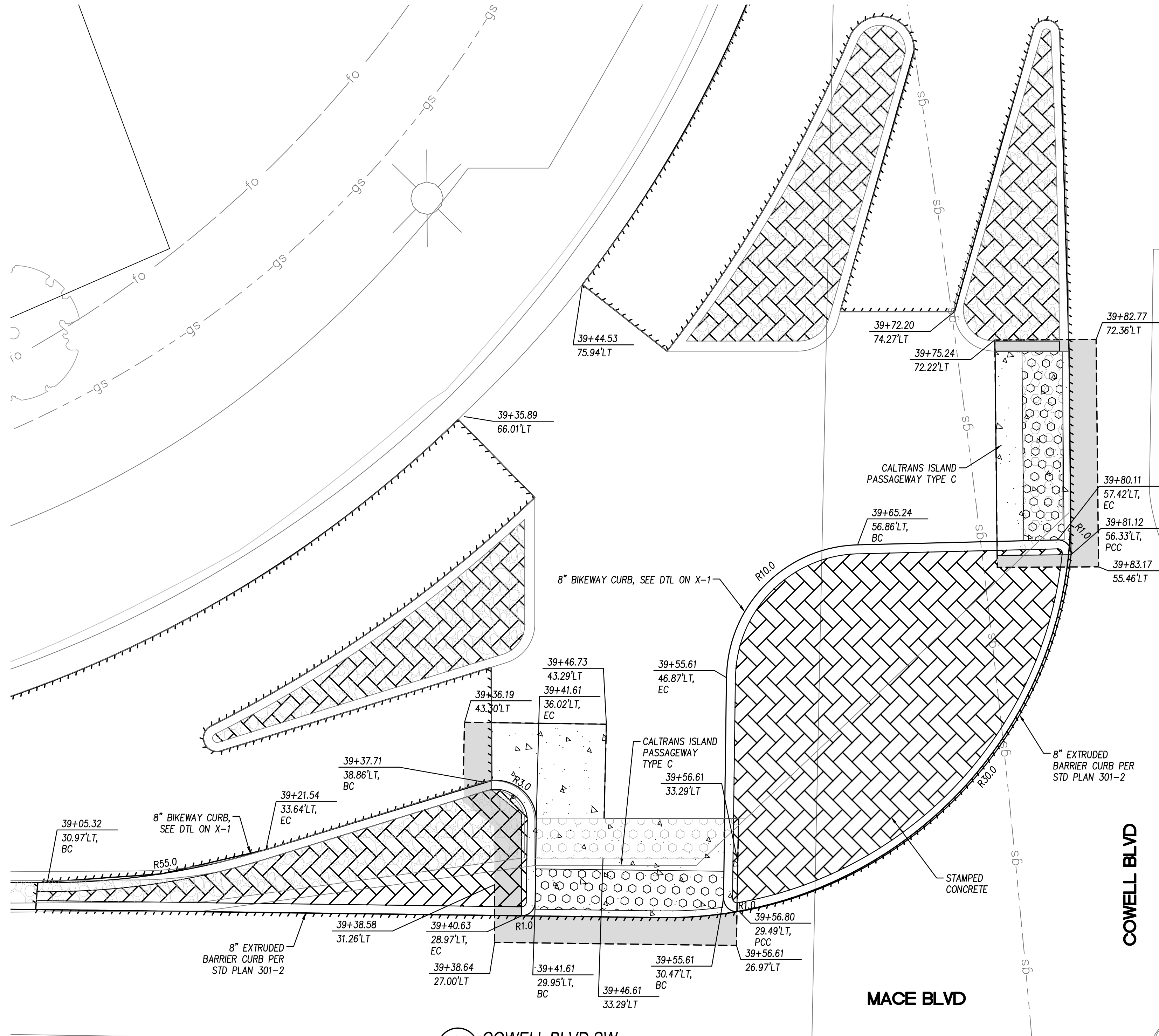


CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

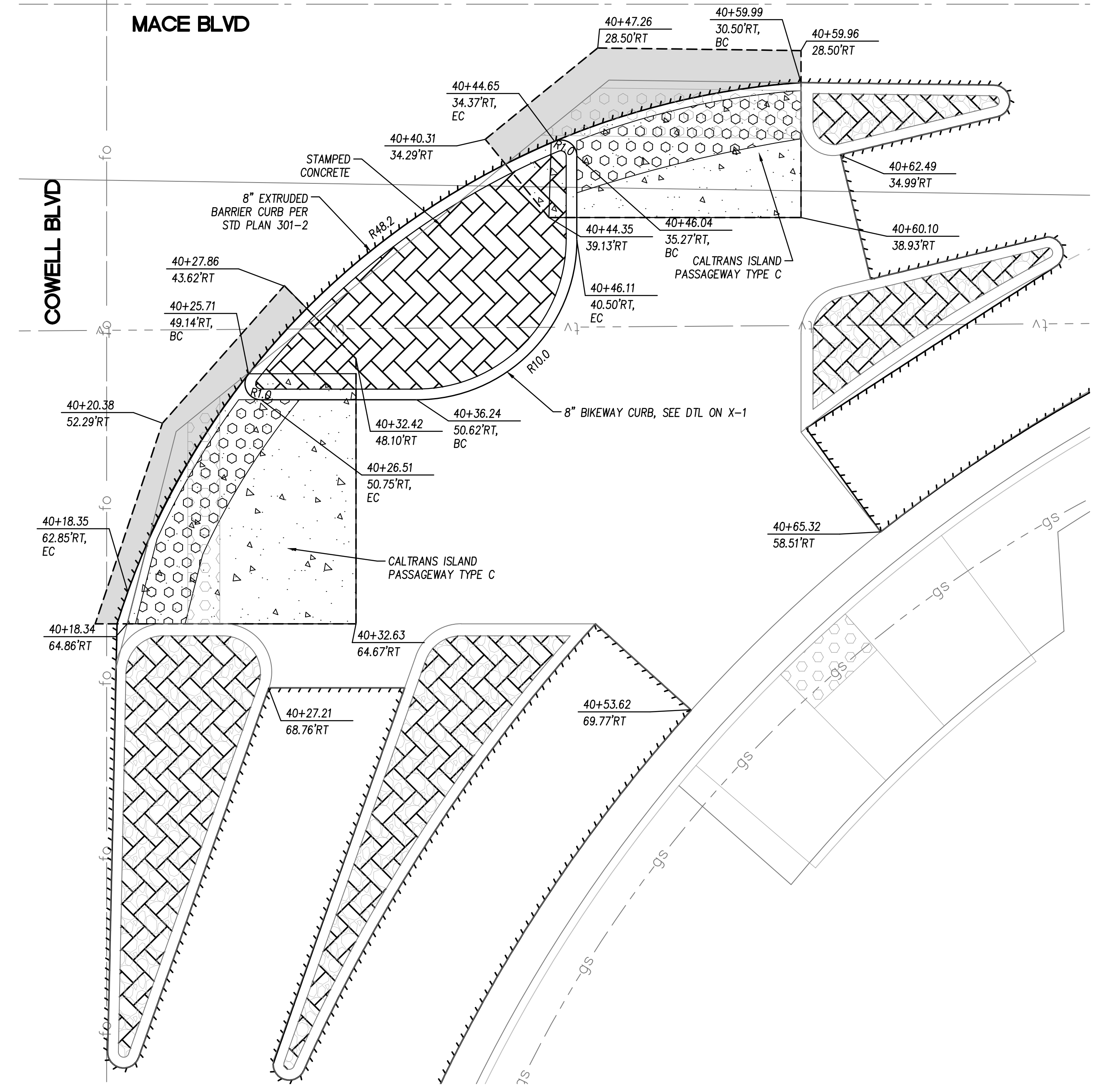
DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: C. Kelly		DATE: 09/01/2022
SHEET 16 OF 28 SHEETS		DWG. NO. CD-5

REV.	DATE	DESCRIPTION	BY

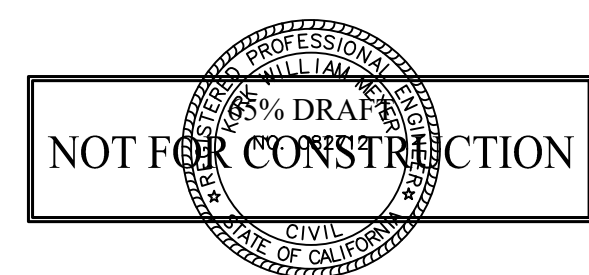
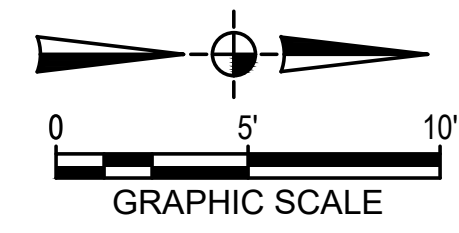
Updated: 8/31/2022 4:14:25 PM By: Kirk Meyer
 File: P:\Prof\19316-01-F&P-Davis\03-PLANS\03-PLANS\SHEETS\19316-66-CD-Details.dwg (Tab: CD-6)
 XREFS: 19316_XR-TBLK | 19316_XR-PAVE | 19316_XR-UTIL | 19316_XR-ROAD | 19316_XR-TOPO | 21303_XR-TBLK-STMP-KMEY



14 COWELL BLVD SW
L-3 1" = 5'



15 COWELL BLVD NE
L-3 1" = 5'



REV.	DATE	DESCRIPTION	BY

**MACE BLVD COMPLETE STREET
 CONSTRUCTION DETAILS**
 C.I.P. # 8257



CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: K. Meyer	82712	DATE: 09/01/2022
CHECKED BY: C. Allen	76694	DATE: 09/01/2022
DRAWN BY: C. Kelly		DATE: 09/01/2022
SHEET 17 OF 28 SHEETS		DWG. NO. CD-6

GENERAL NOTES SIGNING AND STRIPING:

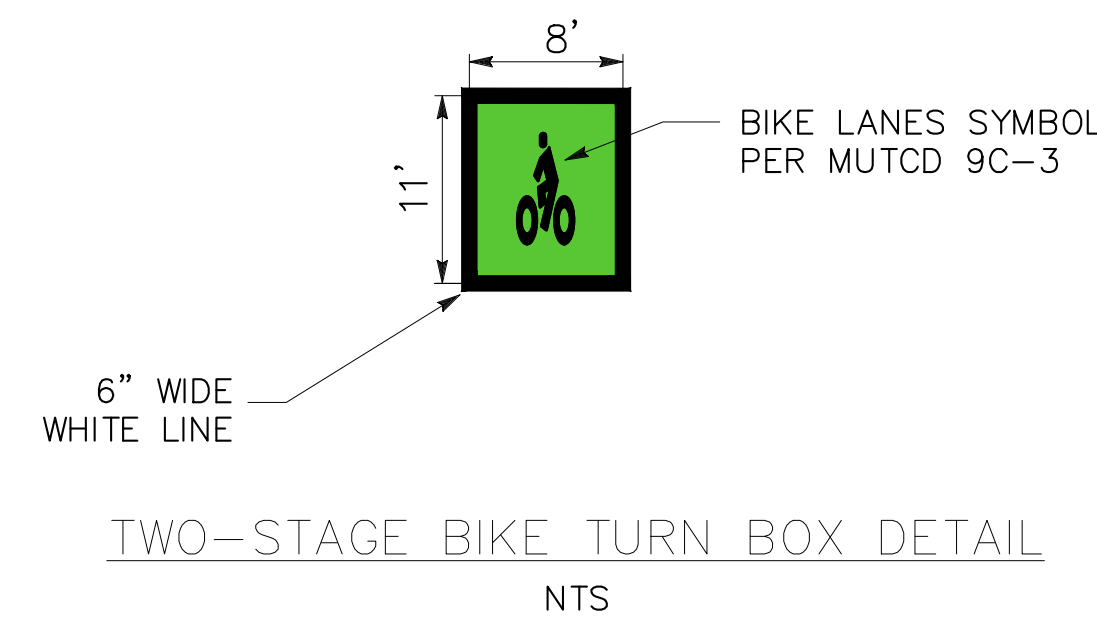
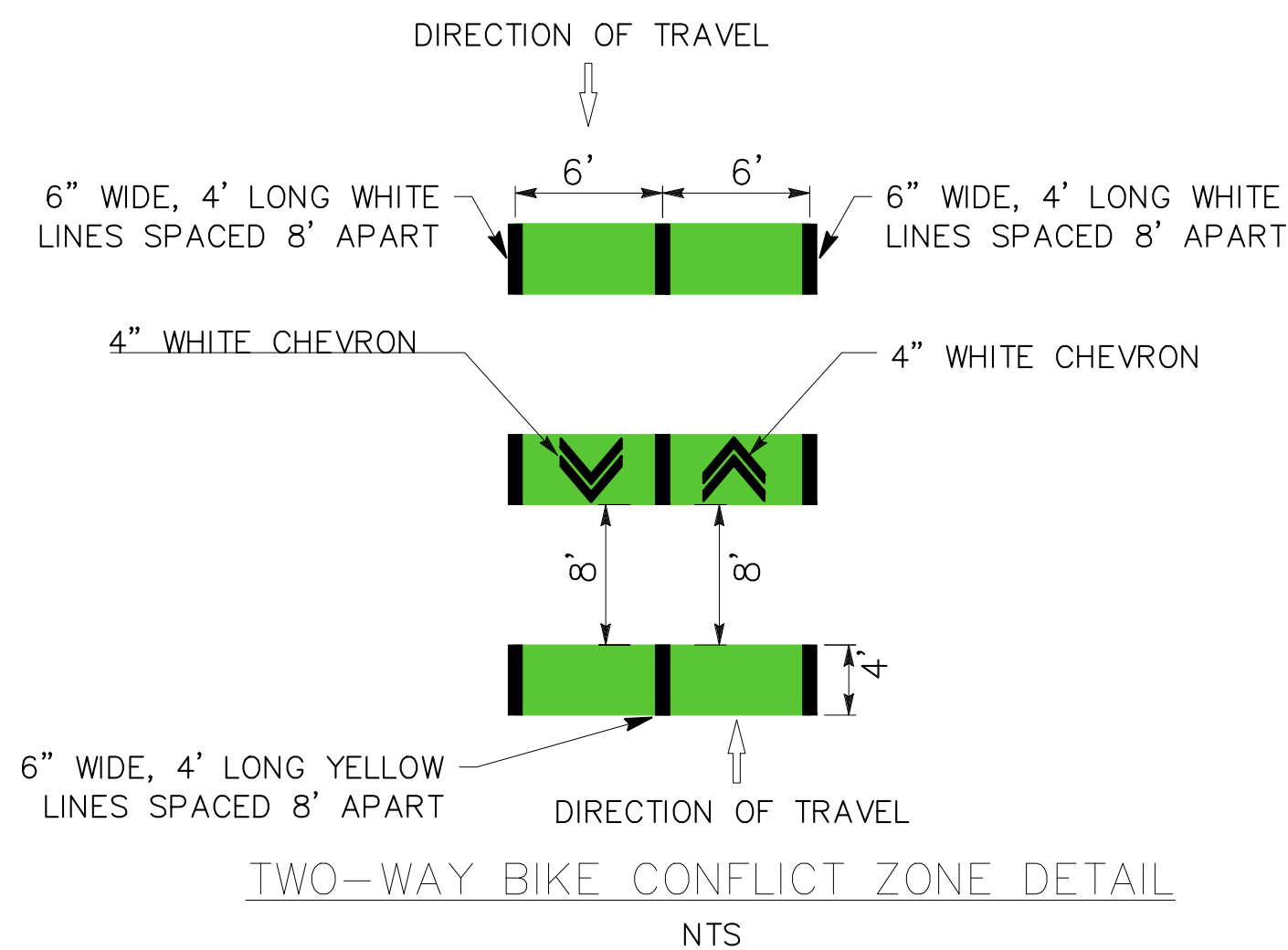
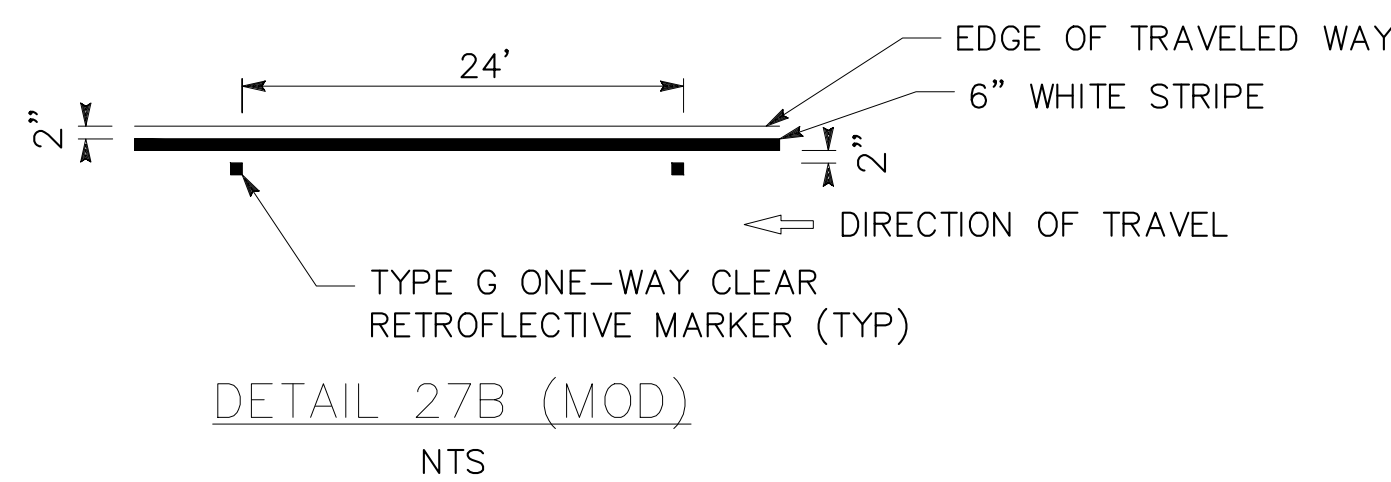
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH: CITY OF DAVIS STANDARD SPECIFICATIONS, DATED JANUARY 1996 AND ALL ADDENDA, CALTRANS STANDARD PLANS DATED 2018 AND THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), 2014 EDITION.
- THIS PLAN IS ACCURATE FOR SIGNING AND STRIPING WORK ONLY.
- ALL EXISTING SIGNING, STRIPING, AND MARKINGS TO REMAIN, UNLESS OTHERWISE NOTED. CONFLICTS BETWEEN EXISTING AND PROPOSED SHALL BE RESOLVED BY THE ENGINEER.
- EXACT POSITION AND LOCATION OF ALL ROADSIDE SIGNS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- REMOVAL OF EXISTING STRIPING AND PAVEMENT MARKINGS ON PAVEMENT TO REMAIN, SHALL BE ACCOMPLISHED BY SANDBLASTING OR OTHER APPROVED GRINDING METHOD.
- CROSSWALKS SHALL BE 12 FEET WIDE INCLUDING THE 12" SOLID PAVEMENT MARKINGS UNLESS OTHERWISE NOTED ON THE PLANS AND SHALL BE WHITE.
- LIMIT LINE SHALL BE PLACED FIVE FEET BEFORE THE CROSSWALK WITH A 24" SOLID WHITE PAVEMENT MARKING WHERE PROVIDED.
- "STOP" PAVEMENT MARKINGS SHALL BE PLACED FIVE FEET BEFORE THE CROSSWALK OR LIMIT LINE.
- ARROW PAVEMENT MARKINGS SHALL BE PLACED TWENTY FEET BEFORE THE CROSSWALK OR LIMIT LINE.
- ALL SIGNING AND STRIPING WORK SHALL BE COORDINATED WITH THE ELECTRICAL WORK AS DIRECTED BY THE ENGINEER.
- LANE WIDTHS ADJACENT TO CURBS ARE MEASURED TO THE FLOW LINE.

- TRAFFIC SIGNS SHALL BE INSTALLED BEHIND THE SIDEWALK WHEN THE SIDEWALK IS IMMEDIATELY ADJACENT TO THE CURB. SIGNS SHALL BE INSTALLED BETWEEN THE CURB AND SIDEWALK WHEN THE SIDEWALK IS DETACHED. SIGN IN PEDESTRIAN AREAS SHALL HAVE A CLEARANCE FROM THE GROUND OF AT LEAST SEVEN FEET. IF THIS CLEARANCE REQUIREMENT IS NOT SATISFIED AFTER THE INSTALLATION OF ADDITIONAL SIGN PANELS, CONTRACTOR SHALL INSTALL A NEW SIGN POST.
- ALL STREET NAME SIGNS (R1, R2, W SERIES, AND SCHOOL ZONE SIGNS) SHALL INCLUDE ASTM TYPE I SHEETING. FOR ALL OTHER SIGNS, USE ASTM TYPE I OR TYPE III SHEETING. SCHOOL ZONE SIGNAGE SHALL BE FLUORESCENT YELLOW-GREEN WHERE YELLOW IS INDICATED IN THE MUTCD.
- MOUNT SIGNS USING BANDING ON SIGNAL AND STREET LIGHT POLES WHERE FEASIBLE. SEE ELECTRICAL PLANS FOR POLE LOCATIONS.
- ALL SIGNS REGULATING PARKING SHALL BE DOUBLE SIDED AND SIDE MOUNTED.
- AT NEWLY SIGNALIZED LOCATIONS, REMOVE EXISTING STOP SIGNS, STOP LEGENDS AND STANCHIONS AT THE TIME SIGNAL IS TURNED ON.
- FOR RELOCATED ROADSIDE SIGNS, THE PLANS SHOW THE ULTIMATE LOCATION. THE CONTRACTOR SHALL TEMPORARILY RELOCATE THE SIGN AS MANY TIMES AS NEEDED TO ACCOMMODATE STAGE CONSTRUCTION PRIOR TO PLACING THE SIGN PERMANENTLY IN ITS ULTIMATE LOCATION.
- ALL MARKINGS, TRAFFIC STRIPES, ADA STALL MARKINGS ARE THERMOPLASTIC.

LEGEND:

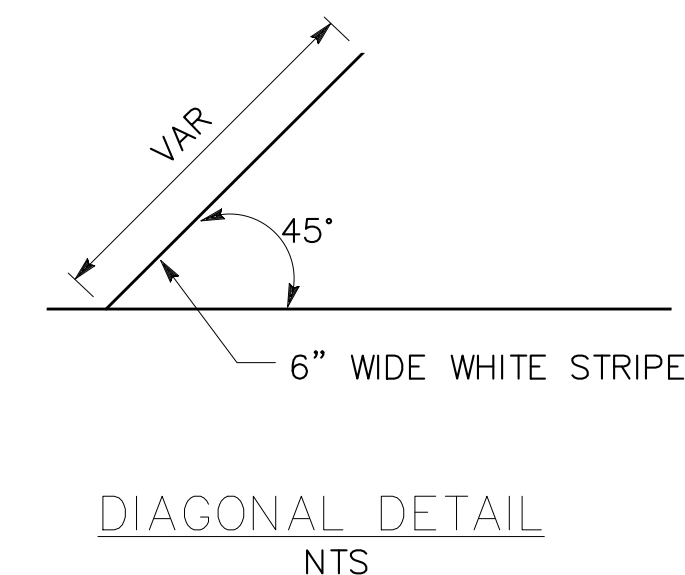
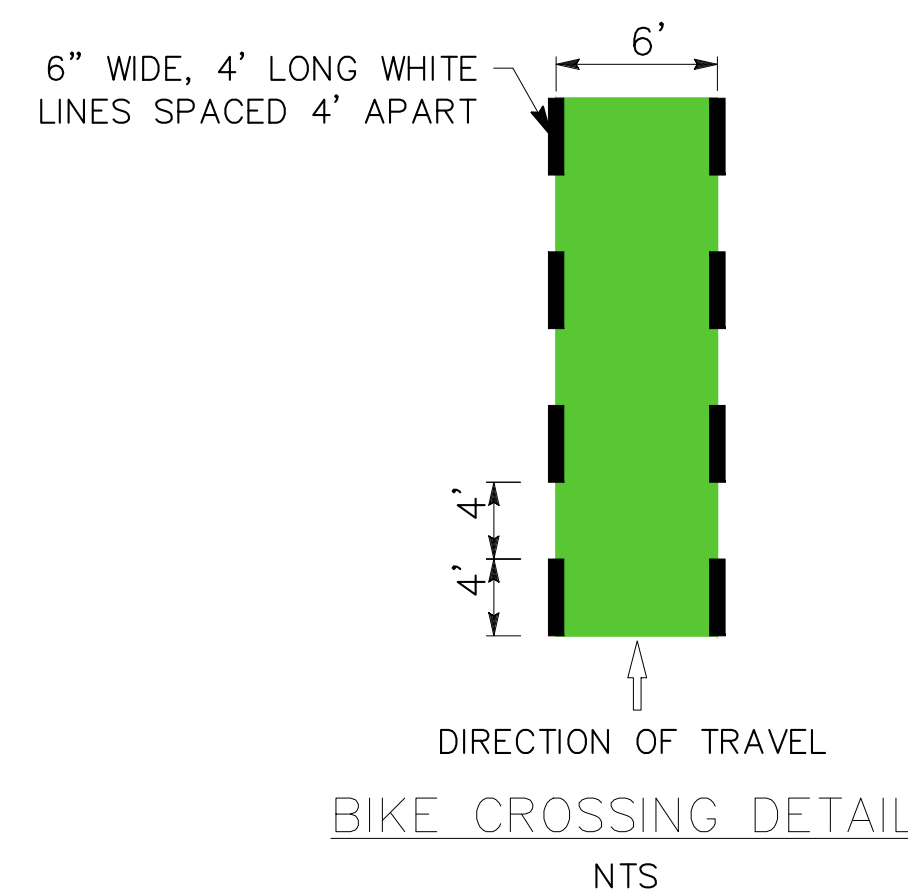
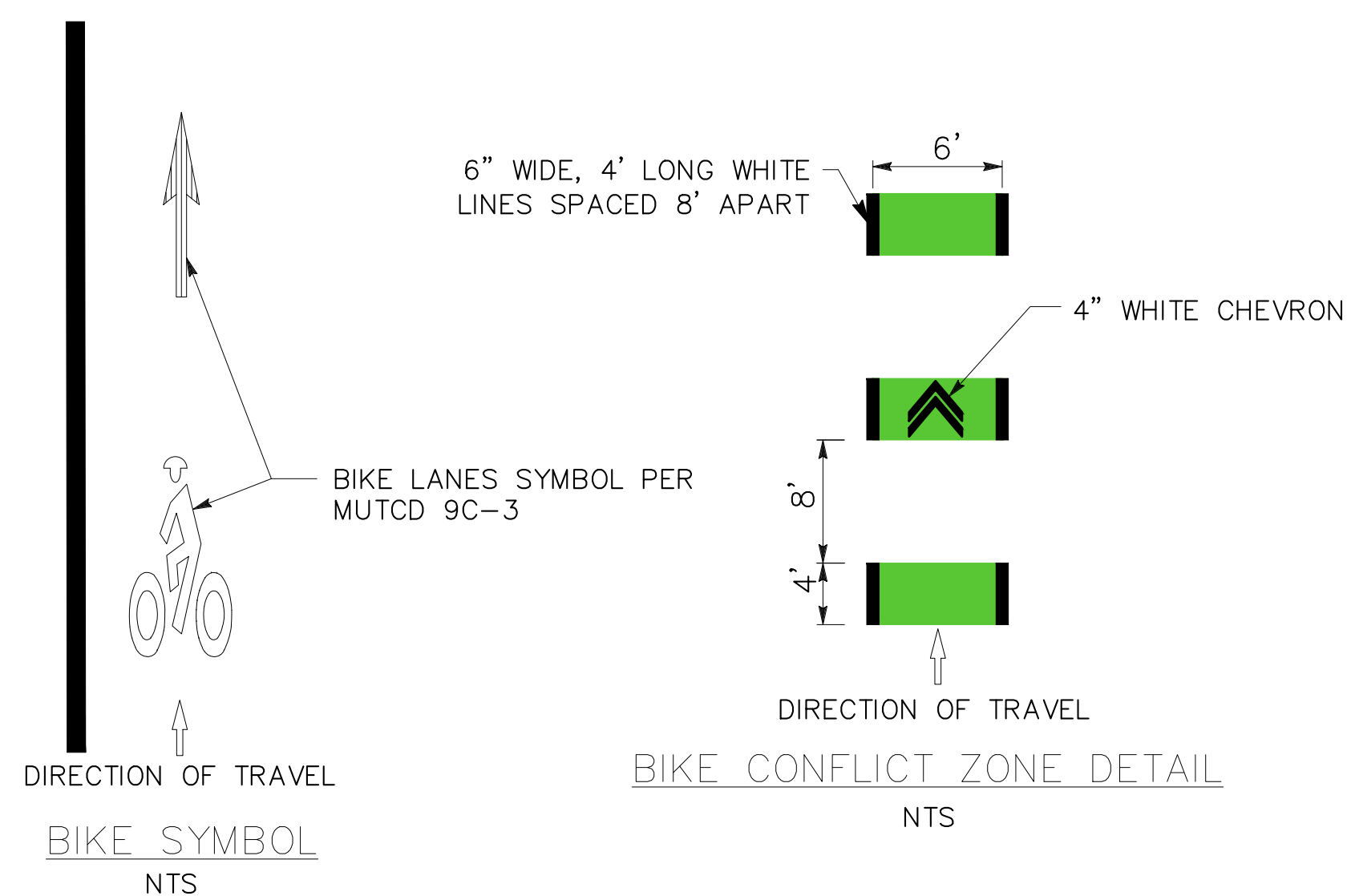
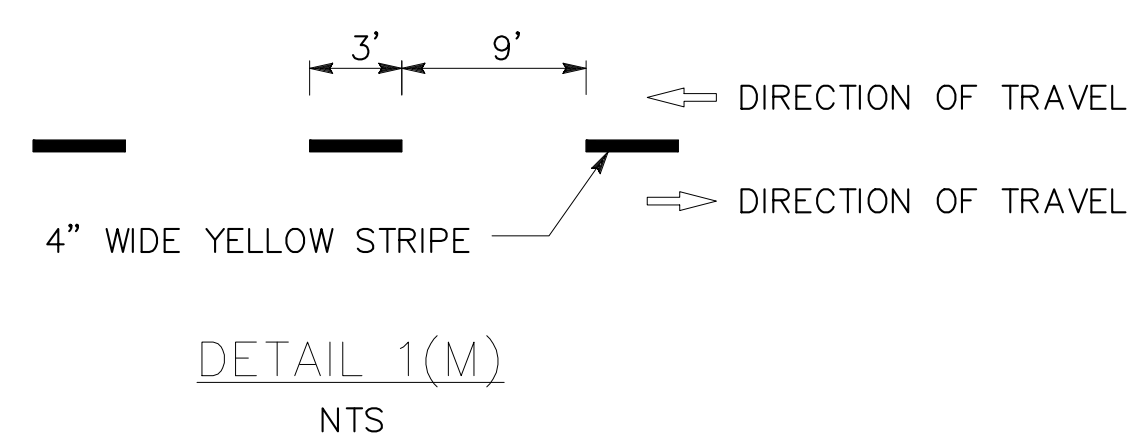
- ◆ REMOVE EXISTING ROADSIDE SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- ✱ INSTALL ROADSIDE SIGN
- ▲ RELOCATE ROADSIDE SIGN
- RESET ROADSIDE SIGN
- ⊔ EXISTING ROADSIDE SIGN LOCATION
- ▬ ROADSIDE SIGN LOCATION (ONE-POST)
- BC/EC
- △ ANGLE POINT
- OBJECT MARKER
- EXISTING OBJECT MARKER
- ROADSIDE SIGN SSBM

- "CLEAR" PAVEMENT MARKING
- "KEEP" PAVEMENT MARKING
- "STOP" PAVEMENT MARKING
- BIKE "STOP" PAVEMENT MARKING
- TYPE IV ARROW MARKING
- TYPE VI ARROW MARKING
- ⬡ No. L=XX' MUTCD STRIPING DETAIL NUMBER L= LENGTH
- ↘ WHITE DIAGONAL PAVEMENT MARKER
- ↔ BIKE LANE SYMBOL
- ↔ CHEVRON STRIPE



SIGNING AND STRIPING NOTES:

- 12" WHITE LINE (THERMOPLASTIC)
- TWO-WAY BIKE CONFLICT ZONE
- WHITE CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F
- BIKE CROSSING
- BIKE CONFLICT ZONE
- GREEN BIKE LANE MARKING
- TWO-STAGE BIKE TURN BOX



PRELIMINARY - 65% SUBMITTAL

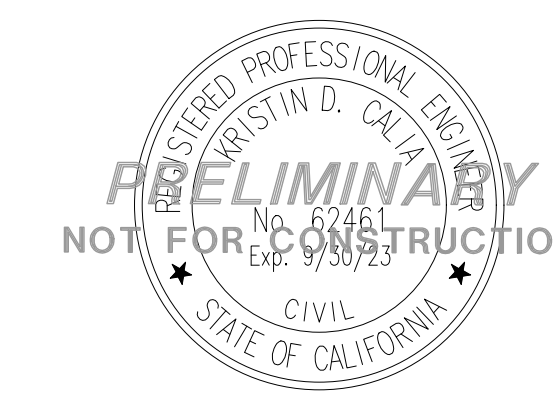
CADD FILE: N:\2019 Projects\3814.00_Mace_Bldg_Redesign\Phase 2 Design\CAD\3814-Signing-Striping.dwg
Aug 31, 2022

REV.	DATE	DESCRIPTION	BY

**MACE BLVD COMPLETE STREET
SIGNING AND STRIPING**
C.I.P. # 8257



CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738



FEHR PEERS

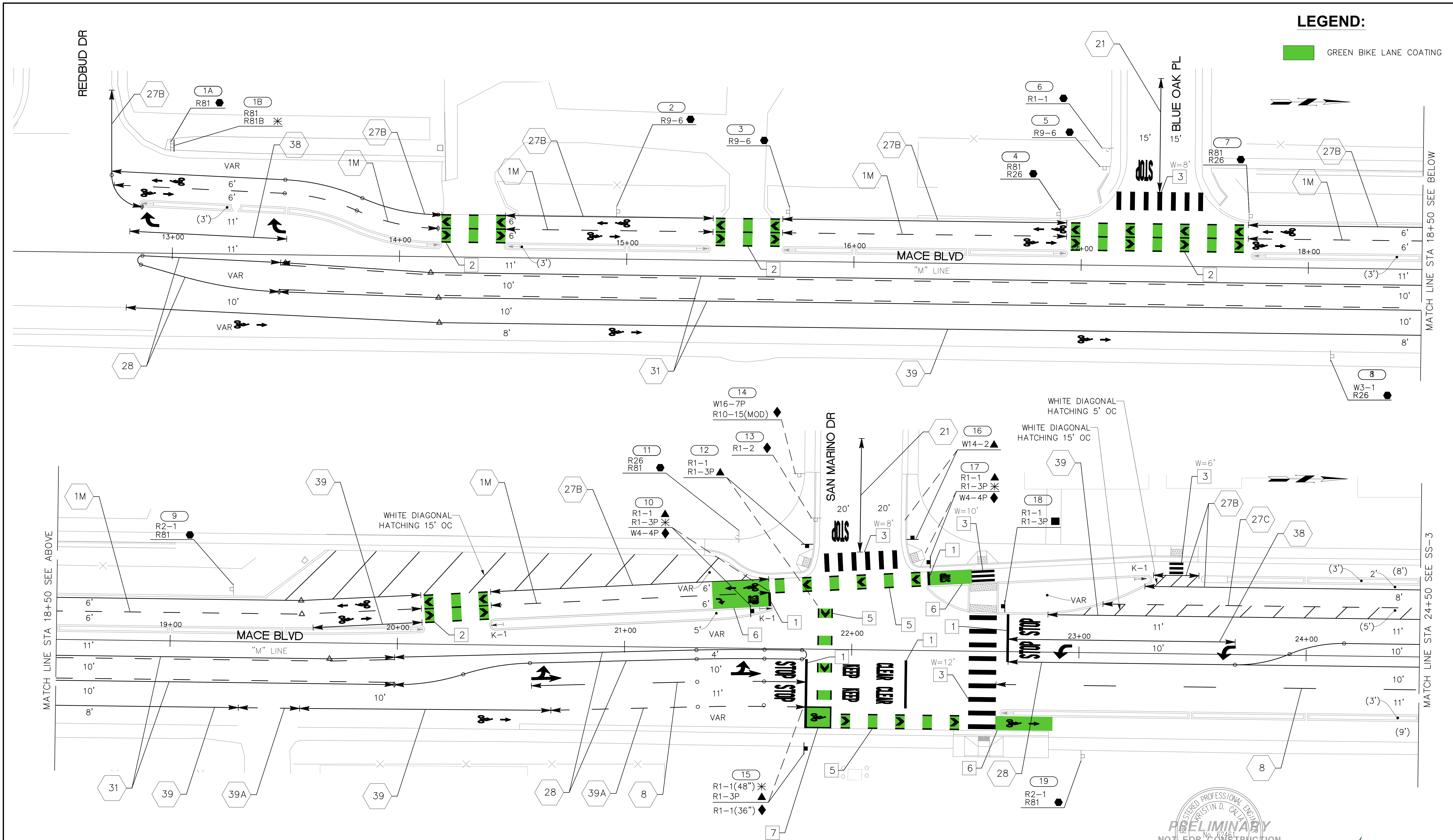
555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

DATE

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 19 OF 28 SHEETS	DWG. NO. SS-1

LEGEND:

 GREEN BIKE LANE COATING



Aug 31, 2022 CADD FILE: N:\2019 Projects\3814_00_Mace_Bldv_Redesign\Phase 2 Design\CAD\3814_Signing-Striping.dwg

PRELIMINARY - 65% SUBMITTAL

SCALE: 1" = 20'

DATE

REV.	DATE	DESCRIPTION	BY

**MACE BLVD COMPLETE STREET
SIGNING AND STRIPING**
C.I.P. # 8257



CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 20 OF 28 SHEETS	
DWG. NO. SS-2	

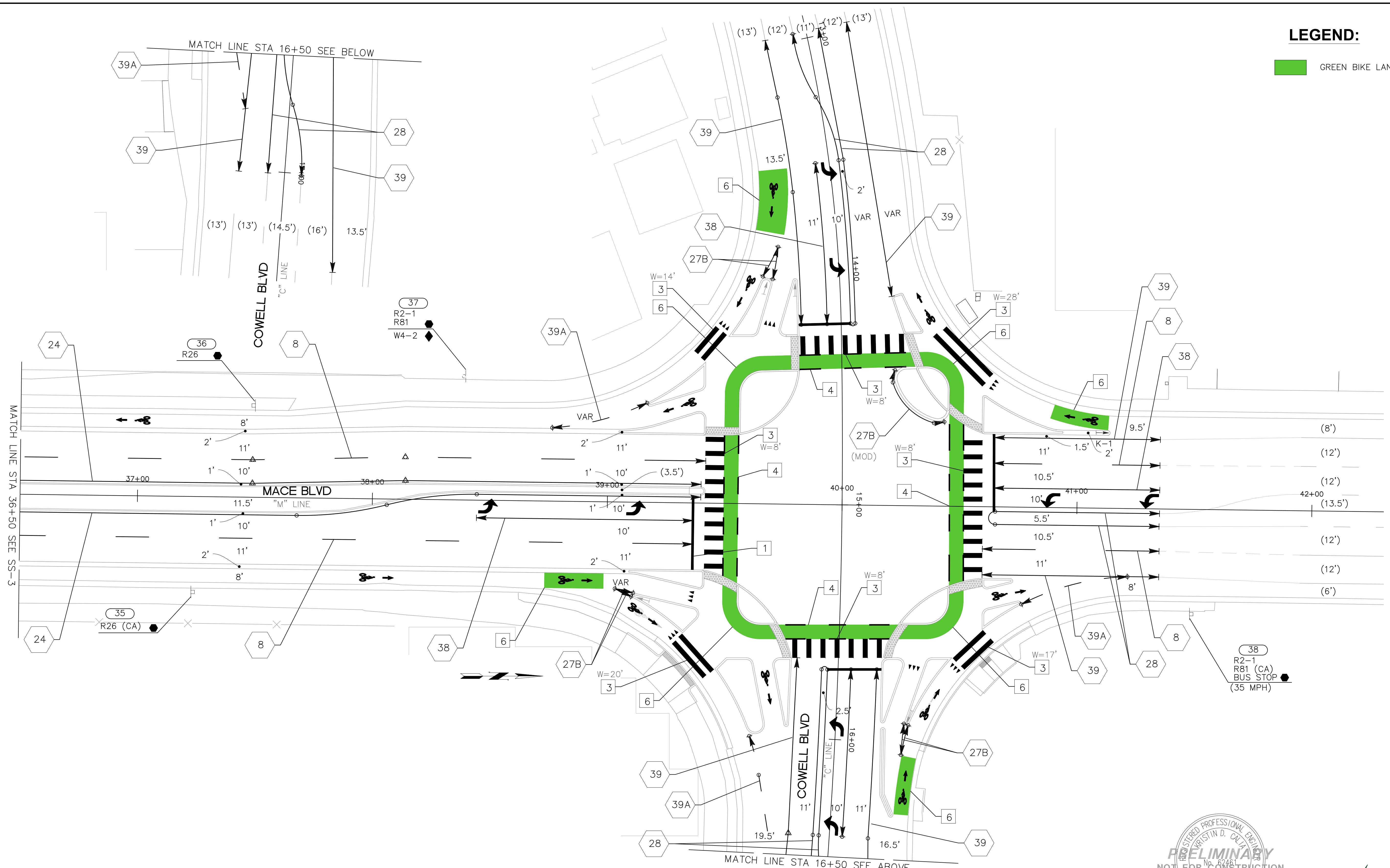


FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

LEGEND:

 GREEN BIKE LANE COATING



38
R2-1
R81 (CA)
BUS STOP
(35 MPH)



FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

PRELIMINARY - 65% SUBMITTAL

SCALE: 1" = 20'

DATE

REV.	DATE	DESCRIPTION	BY

**MACE BLVD COMPLETE STREET
SIGNING AND STRIPING**
C.I.P. # 8257



CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 22 OF 28 SHEETS	
DWG. NO. SS-4	

Aug 31, 2022 CADD FILE: N:\2019 Projects\3814_00_Mace_Bldv_Redesign\Phase 2 Design\CAD\3814_Signing-Striping.dwg

PAVEMENT DELINEATION QUANTITIES

LOCATION	SHEET No.	THERMOPLASTIC TRAFFIC STRIPE (LF)									PAVEMENT MARKER	THERMOPLASTIC PAVEMENT MARKING (SF)								GREEN BIKE LANE COATING (SF)							
		1M	8	24	27B	27C	28	31	38	39	39A	RETROREFLECTIVE	ARROW TYPE		WORDS & SYMBOLS			CROSSWALK & LIMIT LINE		WHITE LINE			BUS STOP CONFLICT ZONE	CYCLE TRACK	INTERSECTION AT COWELL		
		WHITE									TYPE G (EA)	IV	VI	BUS STOP	BIKE & ARROW	STOP	CHEVRON STRIPE	CROSSWALK	LIMIT LINE	4"	6"	12"	BUS STOP CONFLICT ZONE	BUS STOP CONFLICT ZONE	CYCLE TRACK	INTERSECTION AT COWELL	
MACE BLVD	SS-2																										
	SS-2/SS-3																										
	SS-3/SS-4																										
SHEET TOTAL																											
TOTAL																											

PRELIMINARY - TO BE COMPLETED WITH FUTURE SUBMITTAL

CAD FILE: N:\2019 Projects\3814.00_Mace_Bldg_Redesign\Phase 2 Design\CAD\3814-Signing-Striping.dwg
 Aug 31, 2022

PRELIMINARY - 65% SUBMITTAL



FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

**MACE BLVD COMPLETE STREET
SIGNING AND STRIPING**
 C.I.P. # 8257



CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 23 OF 28 SHEETS	
DWG. NO. SS-5	

REV.	DATE	DESCRIPTION	BY

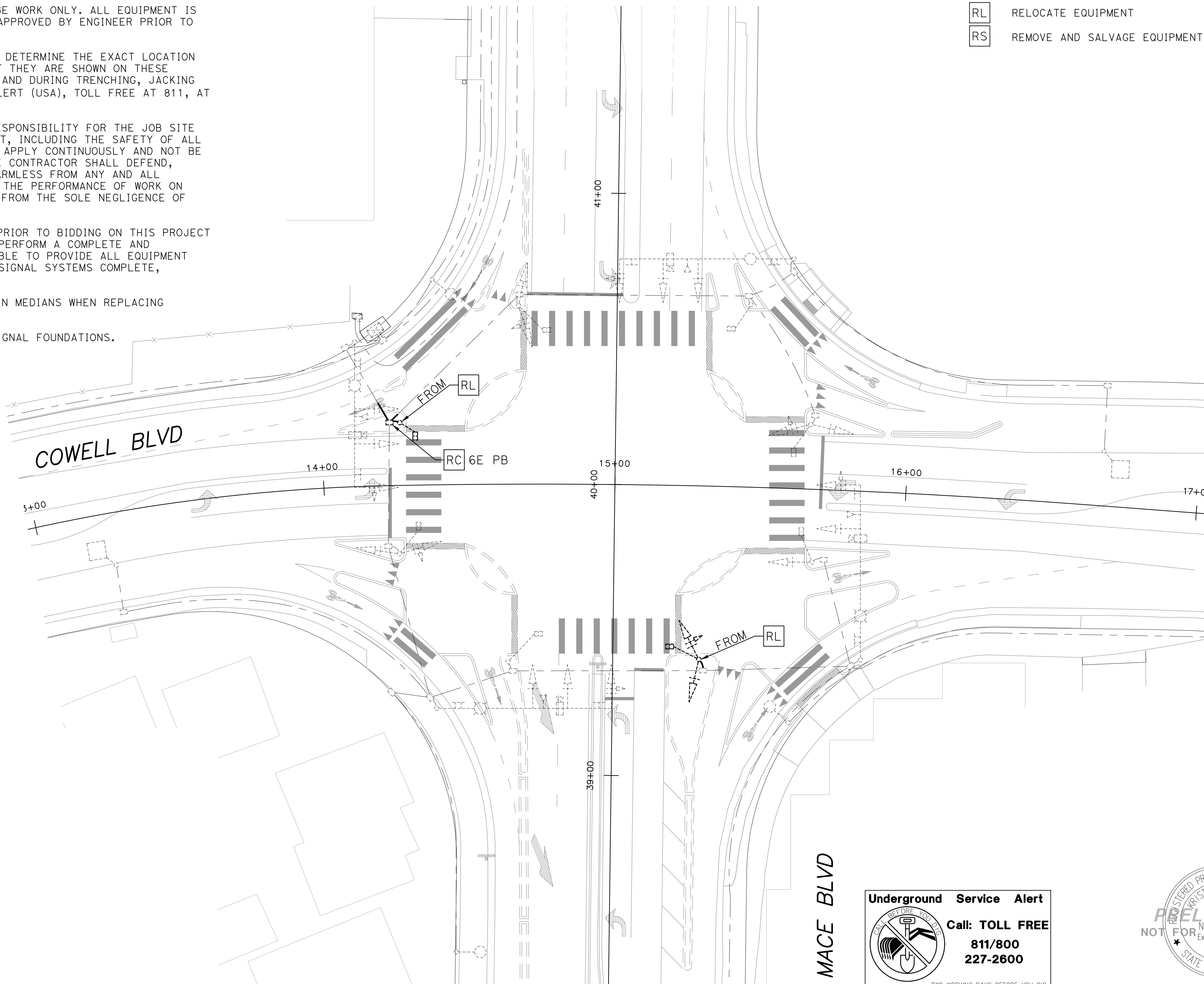
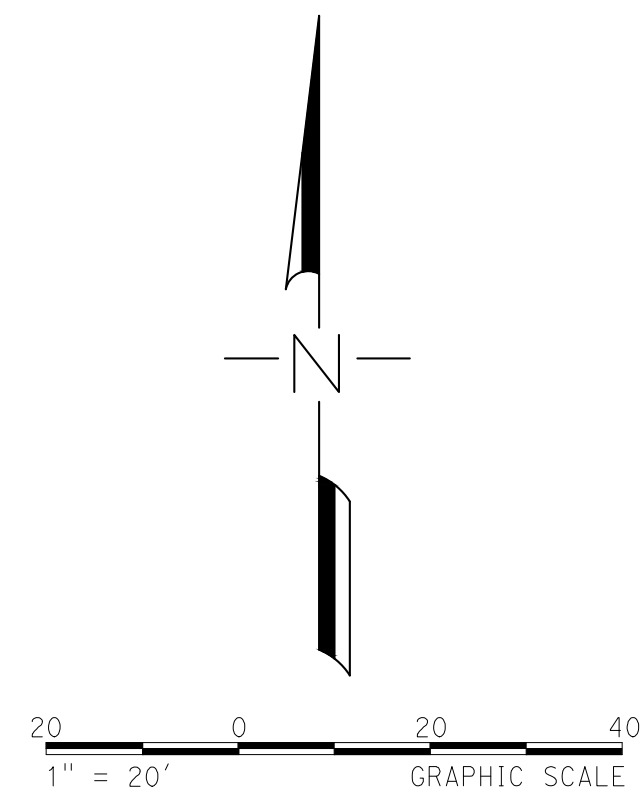
GENERAL NOTES:

1. CONTRACTOR SHALL TEST AND VERIFY EMERGENCY VEHICLE DETECTION SYSTEM IS OPERABLE ON ALL APPROACHES. CONTRACTOR SHALL REPAIR/REPLACE ANY EQUIPMENT NECESSARY FOR A COMPLETE AND FUNCTIONAL EMERGENCY VEHICLE DETECTION SYSTEM ON ALL APPROACHES.
2. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE CITY OF DAVIS STANDARD PLANS AND SPECIFICATIONS, CALTRANS STANDARD PLANS AND SPECIFICATIONS, THE CALIFORNIA MUTCD, AND THE PROJECT SPECIAL PROVISIONS. FOR ADA COMPLIANCE, USE THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE.
3. THIS PLAN IS ACCURATE FOR ELECTRICAL & SIGNAGE WORK ONLY. ALL EQUIPMENT IS SHOWN IN APPROXIMATE LOCATIONS AND SHALL BE APPROVED BY ENGINEER PRIOR TO EXCAVATION.
4. BEFORE ANY WORK BEGINS, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES, WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS, AND SHALL PROVIDE PROTECTION PRIOR TO AND DURING TRENCHING, JACKING AND/OR BORING. CONTACT UNDERGROUND SERVICE ALERT (USA), TOLL FREE AT 811, AT LEAST 48 HOURS BEFORE EXCAVATION.
5. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
6. CONTRACTOR SHALL MAKE AN ON-SITE INSPECTION PRIOR TO BIDDING ON THIS PROJECT TO DETERMINE ANY AND ALL ITEMS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL EQUIPMENT AND MATERIALS NECESSARY TO MAKE ALL TRAFFIC SIGNAL SYSTEMS COMPLETE, STABLE, AND FULLY OPERABLE.
7. CONTRACTOR SHALL PROTECT EXISTING EQUIPMENT IN MEDIANS WHEN REPLACING COBBLES OR RECONSTRUCTING MEDIAN ISLANDS.
8. CONTRACTOR SHALL POTHOLE PRIOR TO DRILLING SIGNAL FOUNDATIONS.

LEGEND:

(SEE ALSO CALTRANS REVISED STANDARD PLANS RSP ES-1A, RSP ES-1B, AND RSP ES-1C)

- CB INSTALL CONDUIT INTO EXISTING PULL BOX
- RC EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME PROPERTY OF THE CONTRACTOR
- RL RELOCATE EQUIPMENT
- RS REMOVE AND SALVAGE EQUIPMENT (TO THE CITY)



Underground Service Alert

 Call: TOLL FREE
811/800
227-2600
 TWO WORKING DAYS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER
 KRISTIN D. CALA
 No. 62461
 Exp. 9/30/23
PRELIMINARY
 NOT FOR CONSTRUCTION
 CIVIL
 STATE OF CALIFORNIA

FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
 (916) 329-7332

PRELIMINARY - 65% SUBMITTAL

REV.	DATE	DESCRIPTION	BY

MACE BLVD COMPLETE STREET
 Cowell Boulevard & Mace Boulevard
 Traffic Signal Modification [Removal Plan]
 C.I.P. # 8257



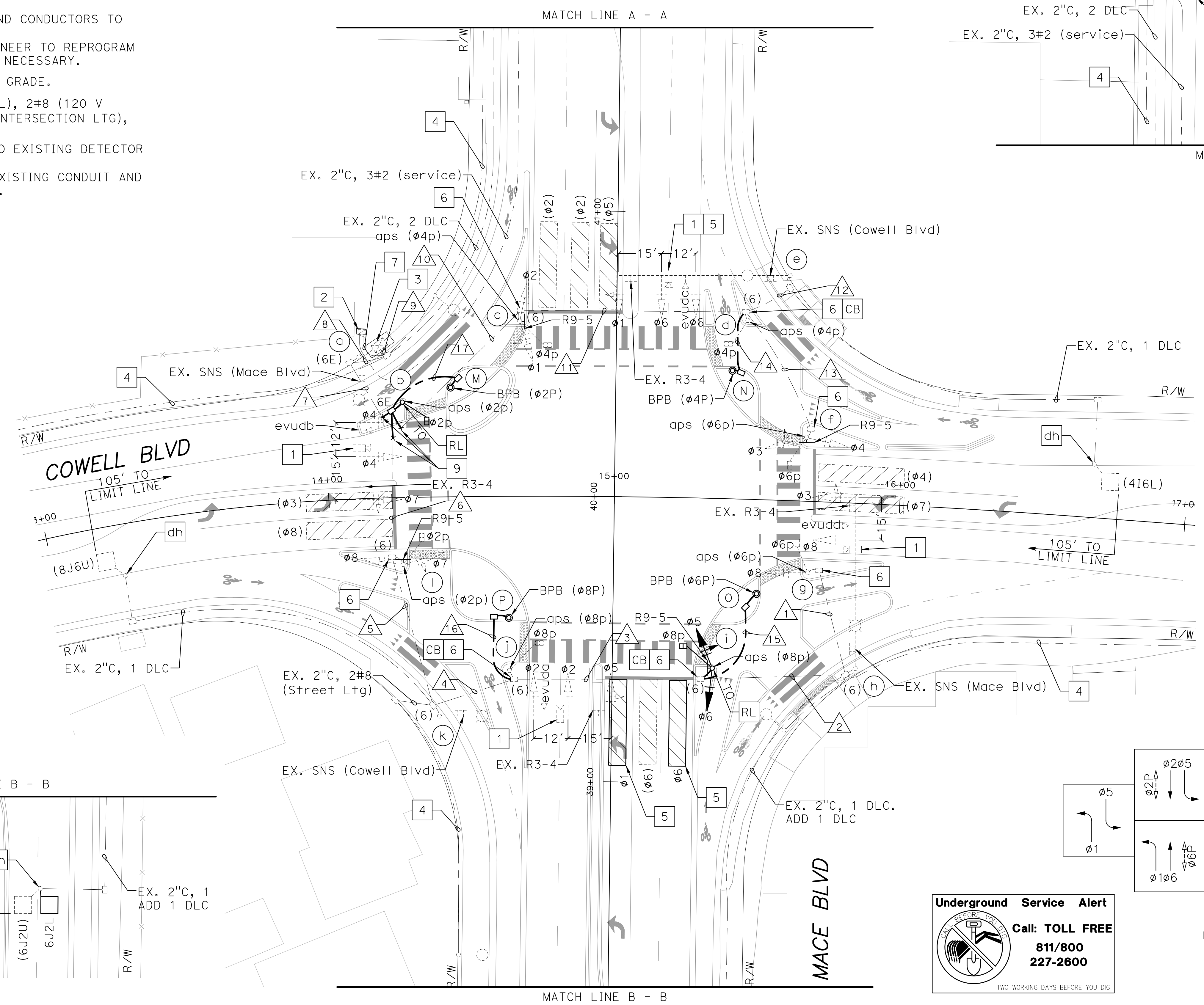
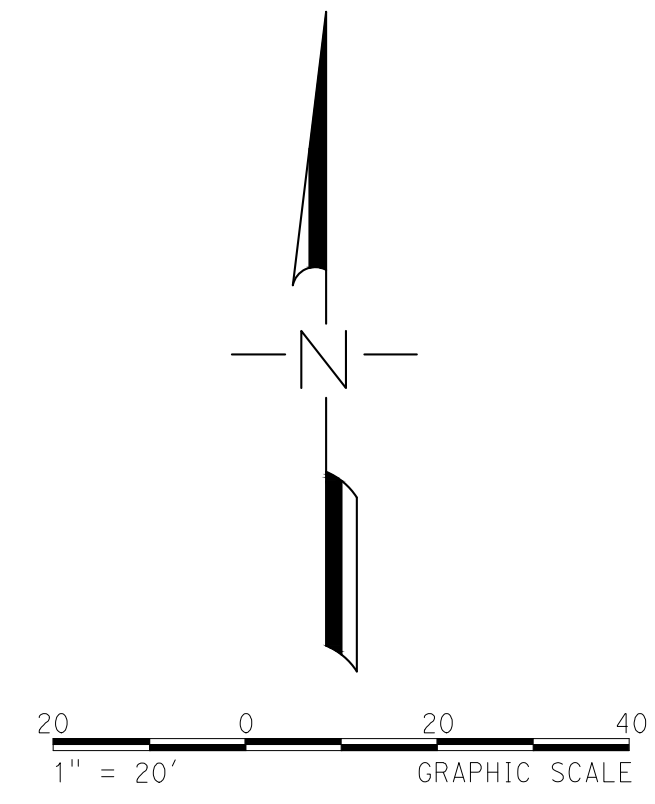
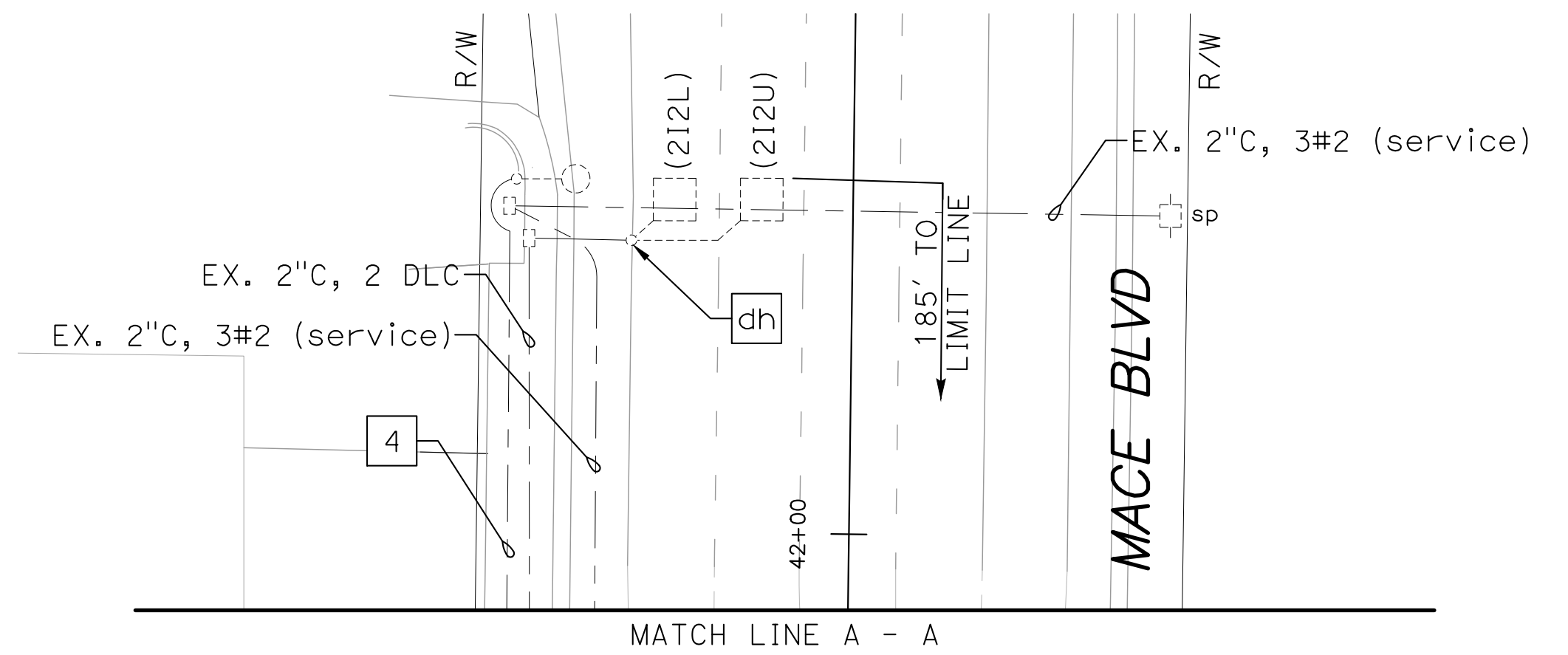
CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 24 OF 28 SHEETS	
DWG. NO. E-1	

Aug 31, 2022 CADD FILE: N:\2019 Projects\3814.00_Mace_Bldg_Redesign\Phase 2 Design\CAD\3814-Signals.dwg

PROJECT NOTES (THIS SHEET ONLY):

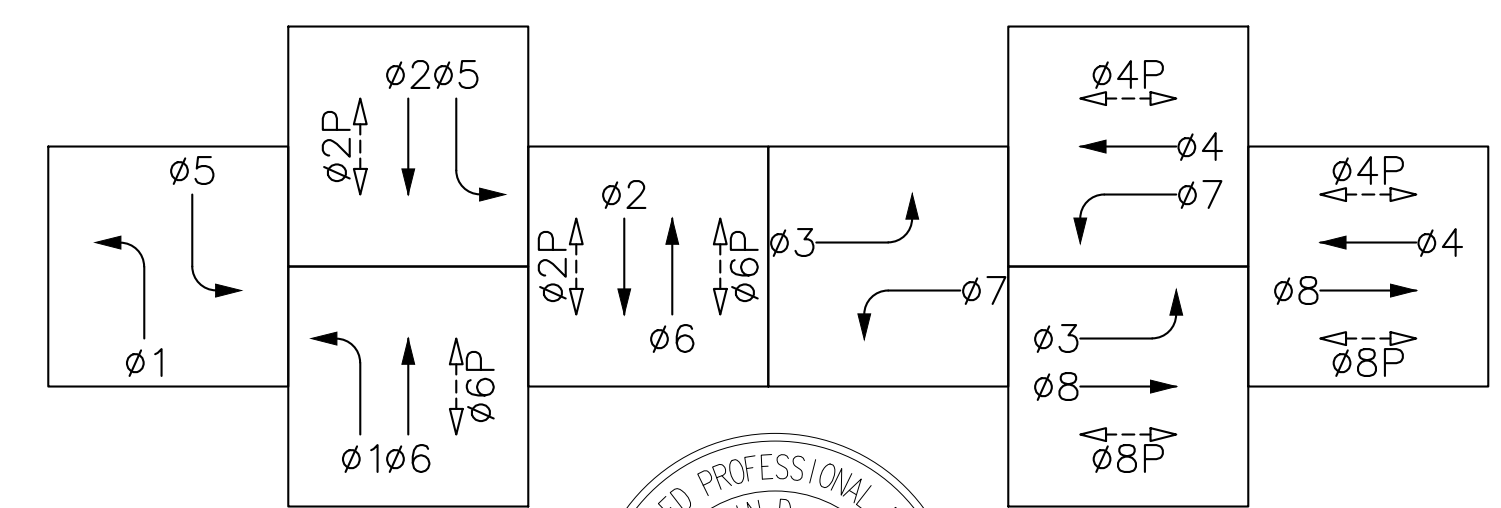
- 1 EX. VIDEO DETECTION CAMERA.
- 2 EX. TYPE III-AF METERED SERVICE CABINET TO REMAIN.
- 3 EX. 332 CABINET WITH 2070 CONTROLLER TO REMAIN.
- 4 EX. STREET Ltg CONDUIT AND CONDUCTORS TO REMAIN.
- 5 COORDINATE WITH CITY ENGINEER TO REPROGRAM VIDEO DETECTION ZONES AS NECESSARY.
- 6 ADJUST PULL BOX TO FINAL GRADE.
- 7 EX. 2" C, 2#6 (120 V SIGNAL), 2#8 (120 V STREET Ltg), 2#8 (120 V INTERSECTION Ltg), 3#14 (120 V PEU).
- 8 INSTALL LOOP DETECTORS TO EXISTING DETECTOR HANDHOLE.
- 9 CONNECT NEW CONDUIT TO EXISTING CONDUIT AND EXTEND INTO NEW PULL BOX.



EMERGENCY VEHICLE PREEMPTION

- EVUDa = $\phi 2 + \phi 5$
- EVUDb = $\phi 4 + \phi 7$
- EVUDc = $\phi 1 + \phi 6$
- EVUDd = $\phi 3 + \phi 8$

EXISTING PHASE DIAGRAM
STEADY DEMAND SEQUENCE



Underground Service Alert
Call: TOLL FREE 811/800 227-2600
TWO WORKING DAYS BEFORE YOU DIG



FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

PRELIMINARY - 65% SUBMITTAL

REV.	DATE	DESCRIPTION	BY

MACE BLVD COMPLETE STREET
Cowell Boulevard & Mace Boulevard
Traffic Signal Modification
C.I.P. # 8257



CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 25 OF 28 SHEETS	
DWG. NO. E-2	

EQUIPMENT SCHEDULE													
LOC	STANDARD			VEHICLE SIGNAL MOUNTING		PEDESTRIAN SIGNAL MOUNTING	APS PUSH BUTTON		BPB PUSH BUTTON		LED LUMINAIRE WATTAGE	SNS LEGEND	NOTES
	TYPE	SIGNAL MAST ARM	LUMINAIRE MAST ARM	MAST ARM	POLE		Ø	ARROW	Ø	ARROW			
(a)	(29-5-100)	(50')	(15')	(mat) (mas) (mas)	—	—	—	—	—	—	(200 W)	(Mace Blvd)	
(b)	(1-b)	—	—	—	—	(tp-1-t)	(2)	(left)	—	—	—	—	RELOCATE EX. POLE TO NEW LOCATION.
(c)	(1-b)	—	—	—	(tv-2-t)	(sp-1-t)	(4)	(right)	—	—	—	—	INSTALL R9-5 SIGN ON SIGNAL POLE.
(d)	(1-b)	—	—	—	—	(tp-1-t)	(4)	(left)	—	—	—	—	
(e)	(61-5-100)	(60')	(15')	(mat) (mas) (mas)	—	—	—	—	—	—	(200 W)	(Cowell Blvd)	
(f)	(1-b)	—	—	—	(tv-2-t)	(sp-1-t)	(6)	(left)	—	—	—	—	INSTALL R9-5 SIGN ON SIGNAL POLE.
(g)	(1-b)	—	—	—	(tv-1-t)	(sp-1-t)	(6)	(right)	—	—	—	—	
(h)	(61-5-100)	(60')	(15')	(mat) (mas)	—	—	—	—	—	—	(200 W)	(Mace Blvd)	
(i)	(1-b)	—	—	—	(tv-2-t)	(sp-1-t)	(8)	(right)	—	—	—	—	RELOCATE EX. POLE TO NEW LOCATION. INSTALL R9-5 SIGN ON SIGNAL POLE.
(j)	(1-b)	—	—	—	—	(tp-1-t)	(8)	(left)	—	—	—	—	
(k)	(61-5-100)	(60')	(15')	(mat) (mas) (mas)	—	—	—	—	—	—	(200 W)	(Cowell Blvd)	
(l)	(1-b)	—	—	—	(tv-2-t)	(sp-1-t)	(2)	(right)	—	—	—	—	INSTALL R9-5 SIGN ON SIGNAL POLE.
(M)	PBA POST	—	—	—	—	—	—	—	2	RIGHT	—	—	
(N)	PBA POST	—	—	—	—	—	—	—	4	RIGHT	—	—	
(O)	PBA POST	—	—	—	—	—	—	—	6	RIGHT	—	—	
(P)	PBA POST	—	—	—	—	—	—	—	8	RIGHT	—	—	

REFER TO SHEET E-1 FOR PROJECT NOTES.
 (XX) INDICATES EXISTING EQUIPMENT TO REMAIN. ALL OTHER EQUIPMENT SHALL BE NEW.

Aug 31, 2022 CADD FILE: N:\2019 Projects\3814.00_Mace_Bldg_Redesign\Phase 2 Design\CAD\3814-Signals.dwg

PRELIMINARY - 65% SUBMITTAL



FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

REV.	DATE	DESCRIPTION	BY

MACE BLVD COMPLETE STREET
 Cowell Boulevard & Mace Boulevard
 Traffic Signal Pole Schedule
 C.I.P. # 8257



CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 26 OF 28 SHEETS	
DWG. NO. E-3	

Aug 31, 2022 CADD FILE: N:\2019 Projects\3814.00_Mace_Bldg_Redesign\Phase 2 Design\CAD\3814-Signals.dwg

AWG OR CABLE	CONDUCTOR DESIGNATION	CONDUCTOR SCHEDULE												
		NUMBER OF CONDUCTORS												
		1	2	3	4	5	6	7	8	9	10	11	12	13
NO. 14	Ø1							3	3	3	3	3	3	
	Ø2					3	3	6	6	6	3	3		
	Ø3		3	3	3	3	3	6	6	6	3	3	3	
	Ø4							3	3	3	3	3	3	
	Ø5			3	3	3	3	3	3	3				
	Ø6			3	3	3	3	6	6	6	3	3	3	
	Ø7							3	3	3	3			
	Ø8	3	3	3	3	3	3	3	3	3				
	Ø2P						2	2	2	2				
	Ø4P						2	2	2	2	2	2		
	Ø6P	2	2	2	2	2	2	4	4	4	2	2	2	
	Ø8P			2	2	2	2	2	2	2				
	APS(Ø2P)						2	2	2	2				
	APS(Ø4P)						2	2	2	2	2	2		
	APS(Ø6P)		2	2	2	2	2	4	4	4	2	2	2	
	APS(Ø8P)			2	2	2	2	2	2	2				
	PHOTOELECTRIC UNIT (BACK-UP)								3					
SPARES	3	3	3	3	3	3	6	6	3	3	3	3		
TOTAL NO. 14	10	3	23	23	26	33	59	62	59	26	23	9	13	
DETECTOR CABLES	Ø2								2					
	Ø4						1	1	1	1	1	1		
	Ø6		1	1	1	1	1	1	1					
	Ø8		1	1	1	1	1	1	1	1				
	TOTAL DETECTOR CABLES		1	1	1	1	1	1	1	1	1	1	1	
NO. 10	SIGNAL NEUTRAL (120V)	1	1	1	1	1	1	1	1	1	1	1	1	
NO. 8	INTERSECTION LIGHTING (120 V)		2	2	2	2	2	2	2		2	2		
	STREET LIGHTING (120V)		2	2	2	2	2	2	2					
NO. 6	120 V SERVICE TO CONTROLLER								2					
EVP CABLE (3M,TYPE 138)			1	1	1	2	2	3	4	4	1	1	1	
CAMERA WIRING (POWER,VIDEO&DATA)			1	1	1	2	2	3	4	4	1	1	1	
CONDUIT SIZE		2"	3"	2-3"	3"	2-3"	2-3"	2-3"	2-3"	2-3"	3"	2-3"	3"	2"
PERCENT FILL		7	17	10	19	15	16	24	29	29	19	9	14	9

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE NOTED.
(X) PROPOSED EQUIPMENT

PRELIMINARY
WILL POPULATE
NEXT SUBMITTAL

PRELIMINARY - 65% SUBMITTAL



FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

REV.	DATE	DESCRIPTION	BY

MACE BLVD COMPLETE STREET
Cowell Boulevard & Mace Boulevard
Traffic Signal Conductor Schedule
C.I.P. # 8257



CITY OF DAVIS
PUBLIC WORKS DEPARTMENT
1717 5TH STREET
PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 27 OF 28 SHEETS	
DWG. NO. E-4	

EQUIPMENT SCHEDULE

LOC	STANDARD			VEHICLE SIGNAL MOUNTING		LED LUMINAIRE WATTAGE	NOTES
	TYPE	SIGNAL MAST ARM	LUMINAIRE MAST ARM	MAST ARM	POLE		
(a)	(29-5-100)	(55')	(15')	(mas)	—	(165 W)	INSTALL 12" RED BALL SIGNAL INDICATION WITH BACKPLATE ON EX. TENON.
(b)	(24-4-100)	(35')	(15')	(mas)	—	(165 W)	INSTALL 12" RED BALL SIGNAL INDICATION WITH BACKPLATE ON EX. TENON.

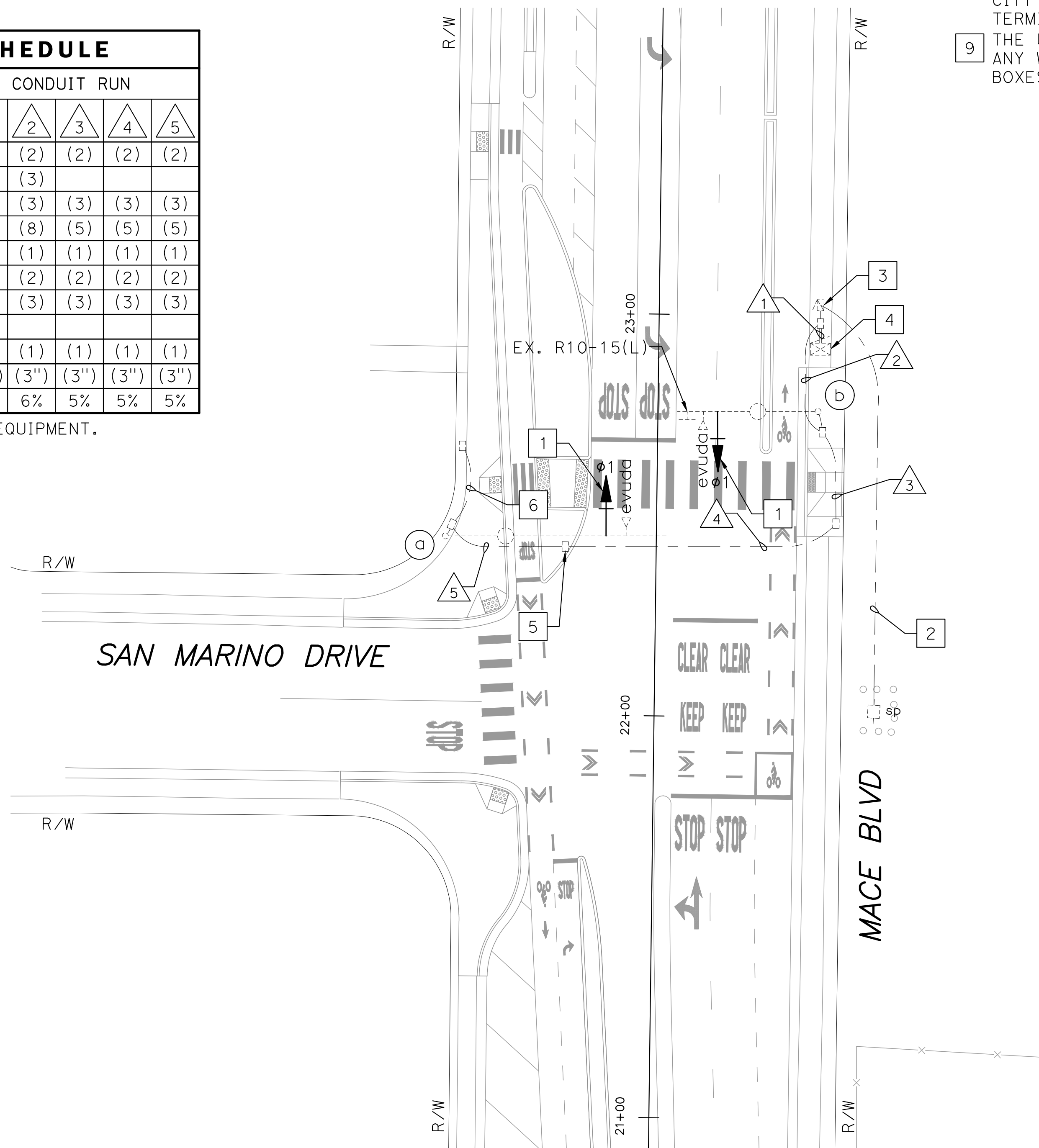
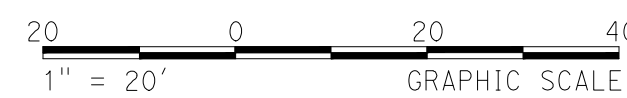
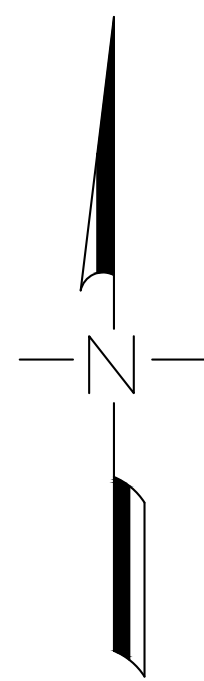
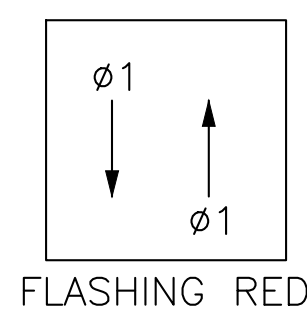
REFER TO SHEET E-1 FOR PROJECT NOTES.
 (XX) INDICATES EXISTING EQUIPMENT TO REMAIN. ALL OTHER EQUIPMENT SHALL BE NEW.

CONDUCTOR SCHEDULE

AWG OR CABLE	CIRCUIT	CONDUIT RUN				
		1	2	3	4	5
NO. 14	Ø1 FB	(2)	(2)	(2)	(2)	(2)
	PEU	(3)	(3)			
	SPARES	(3)	(3)	(3)	(3)	(3)
	TOTAL	(8)	(8)	(5)	(5)	(5)
NO. 8	SIGNAL NEUTRAL	(1)	(1)	(1)	(1)	(1)
	SAFETY LIGHTING		(2)	(2)	(2)	(2)
	TOTAL	(1)	(3)	(3)	(3)	(3)
NO. 6	SERVICE	(2)				
EVP CABLES		(1)	(1)	(1)	(1)	(1)
CONDUIT SIZE		(2-3")	(3")	(3")	(3")	(3")
PERCENT FILL		3%	6%	5%	5%	5%

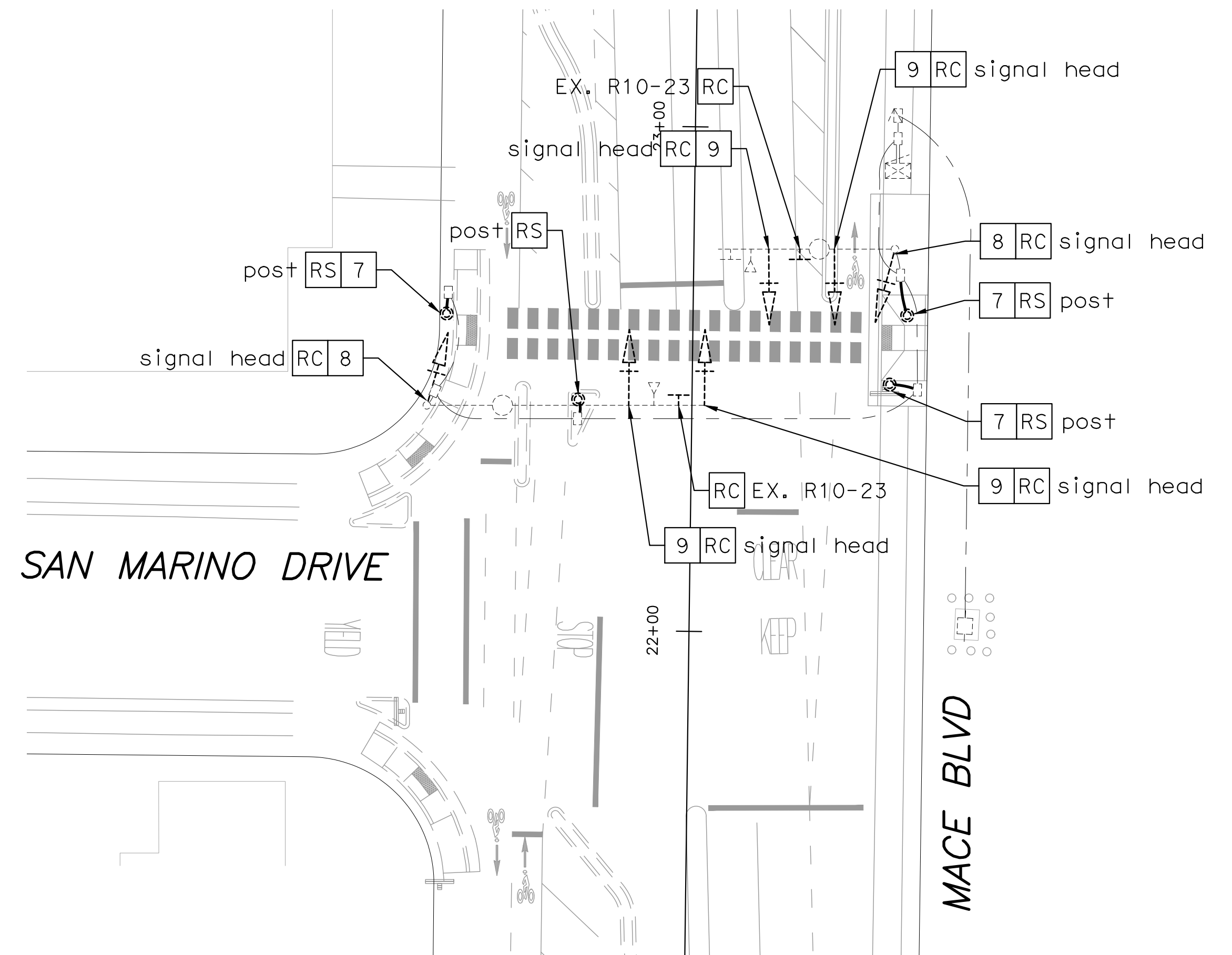
NOTES: () INDICATES EXISTING EQUIPMENT.

EXISTING PHASE DIAGRAM

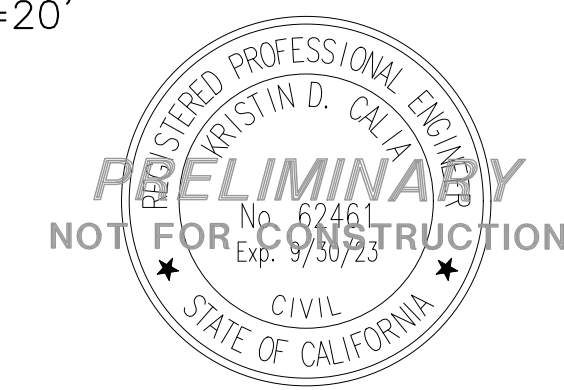


PROJECT NOTES (THIS SHEET ONLY):

- INSTALL A SINGLE SECTION 12" BLACK ALUMINUM SIGNAL HEAD WITH A RED BALL LED AND A BLACK ALUMINUM BACK PLATE WITH REFLECTIVE TAPE. THE LED SHALL BE DIALIGHT PART #433-1210-003XL15 (15 YEAR WARRANTY SPEC) OR CITY APPROVED EQUIVALENT.
- EX. 3"C, 1/0 TO 277/488V PG&E SERVICE POINT.
- EX. TYPE III-D METERED SERVICE CABINET TO REMAIN.
- EX. TYPE P CABINET WITH ASC-3 CONTROLLER TO REMAIN. CONTROLLER TO OPERATE SIGNAL IN FLASH.
- ADJUST PULL BOX TO FINAL GRADE.
- 2"C, EMPTY.
- CONTRACTOR TO ENSURE THE FINAL GRADE OF SIDEWALK IS CLEAR OF ANY TRIPPING HAZARDS AFTER PBA POST REMOVAL. COORDINATE WITH CITY ENGINEER.
- THE TERMINATION JUNCTION BOXES/ADAPTER TERMINAL COMPARTMENTS SHALL BE LEFT INSTALLED ON THE SIGNAL POLE. INSTALL SHORT ORNAMENTAL CAPS ON ANY UNUSED THREADED PORTS OF THE JUNCTION BOX. COORDINATE WITH CITY ENGINEER. REMOVE ANY WIRING THAT IS NO LONGER NEEDED FOR REMOVED SIGNAL HEADS DOWN TO THE TERMINATION JUNCTION BOXES/ADAPTER TERMINAL COMPARTMENTS LOCATED ON THE POLE.
- THE UNUSED SIGNAL HEAD MOUNTING TENON SHALL BE CAPPED/PLUGGED. COORDINATE WITH CITY ENGINEER. REMOVE ANY WIRING THAT IS NO LONGER NEEDED FOR REMOVED SIGNAL HEADS DOWN TO THE TERMINATION JUNCTION BOXES/ADAPTER TERMINAL COMPARTMENTS LOCATED ON THE POLE.



REMOVAL DETAIL
1"=20'



FEHR PEERS

555 Capitol Mall, Suite 510 Sacramento, CA 95814
(916) 329-7332

PRELIMINARY - 65% SUBMITTAL

MACE BLVD COMPLETE STREET
 San Marino Drive & Mace Boulevard
 Traffic Signal Modification
 C.I.P. # 8257



CITY OF DAVIS
 PUBLIC WORKS DEPARTMENT
 1717 5TH STREET
 PHONE (530)757-5686 FAX (530)758-4738

DESIGNED BY: A. Engel	DATE: 8/31/2022
CHECKED BY: D. Murphy	DATE: 8/31/2022
DRAWN BY: K. Baumgartner	DATE: 8/31/2022
SHEET 28 OF 28 SHEETS	
DWG. NO. E-5	