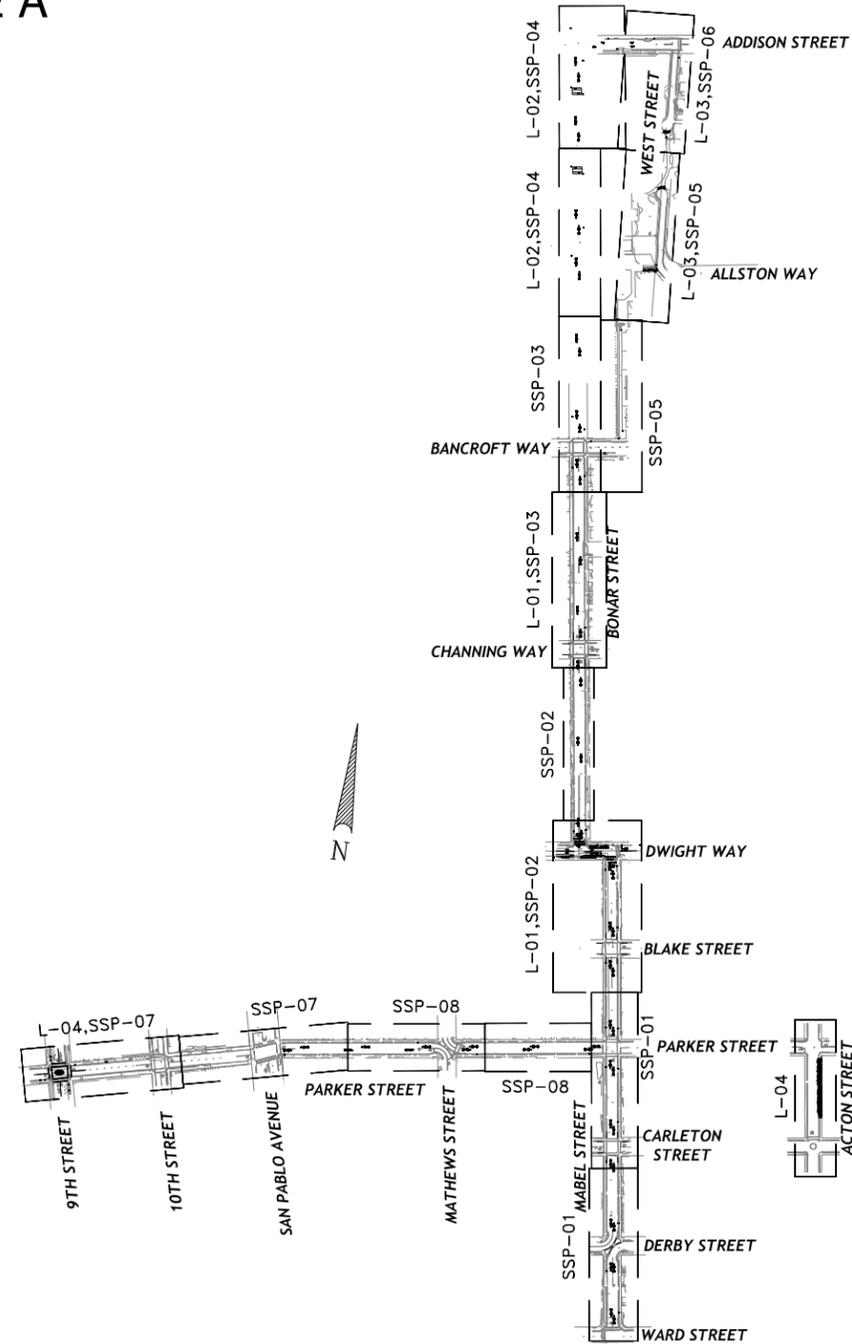


CITY OF BERKELEY
ALAMEDA COUNTY, CALIFORNIA

PARKER STREET TO ADDISON STREET BIKEWAY

SPECIFICATION NO. 24-11640-C

PACKAGE A



SHEET INDEX

SHEET NO.	SHEET TITLES	SHEET TITLE
01	T-01	TITLE SHEET
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03	XS-01	TYPICAL CROSS SECTION
04	SC-01	SURVEY CONTROL
05 - 08	L-01 TO L-04	LAYOUT PLAN
09 - 15	CD-01 TO CD-07	CIVIL DETAILS
16 - 23	SSP-01 TO SSP-08	SIGNING AND STRIPING PLANS
24 - 27	D-01 TO D-04	STRIPING DETAILS

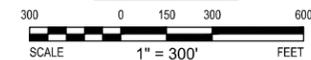


PROJECT MANAGER	<i>Verneth</i>	DATE	9/10/24
DEPICTION OF MONUMENTS: DATE 09/12/24			
SURVEY PARTY CHIEF	<i>David Barton</i>	DATE	09/12/24
WATERSHED REVIEW:	<i>David Barton</i>	DATE	9/12/24

SUBMITTED:	<i>Verneth</i>	DATE	9/10/24
SUPERVISING ENGINEER	<i>Verneth</i>	REG. NO.	60704
APPROVED:	<i>Verneth</i>	DATE	9/12/24
MANAGER OF ENGINEERING	<i>Verneth</i>	R.C.E. NO.	62524
		EXP.	9/30/25

DESIGN	EK	HORIZ.	
VERT.	EK	BOOK	
CHECK	AH	DATE	9/5/2024
AS BUILT			

KEY MAP



DIG ALERT
DIAL TOLL FREE



AT LEAST 2 DAYS BEFORE YOU DIG



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CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
TITLE SHEET

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
T-01
SHEET 1 OF 27

GENERAL NOTES:

- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) AT 811 AT LEAST 2 WORKING DAYS BEFORE EXCAVATING. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES IN ACCORDANCE WITH THE GENERAL SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY, AND CITY LAWS AND ORDINANCES, REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, STATE CONSTRUCTION SAFETY ORDERS, AND CAL/OSHA. THIS REQUIREMENT SHALL BE MADE TO APPLY AT ALL TIMES.
- THE CONTRACTOR SHALL RESTORE ALL DAMAGED, REMOVED, OR OTHERWISE DISTURBED WALLS, FENCES, SERVICES, UTILITIES, IMPROVEMENTS OR FEATURES OF WHATEVER NATURE, DUE TO CONTRACTOR'S WORK.
- PEDESTRIAN, PUBLIC ACCESSES, AND WHEELCHAIR ACCESSES SHALL BE MAINTAINED DURING THE CONSTRUCTION AND CONFORM TO THE REQUIREMENTS OF THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) AND THE SATISFACTION OF THE ENGINEER.
- NO TRENCHES OR HOLES SHALL BE LEFT OPEN OVERNIGHT; USE STEEL PLATING OR HOT MIX ASPHALT AS REQUIRED TO PROTECT OPEN TRENCHES OVERNIGHT.
- THE CONTRACTOR SHALL CONTROL DUST AT ALL TIMES AND SWEEP STREETS AS OFTEN AS NECESSARY DURING CONSTRUCTION AS REQUIRED BY THE CITY ENGINEER.
- ALL REVISIONS TO THE DESIGN, SPECIFICATIONS, AND ESTIMATE MUST BE REVIEWED AND APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION AND SHALL BE ACCURATELY SHOWN ON REVISED PLANS STAMPED AND SIGNED BY CITY ENGINEER PRIOR TO THE INSTALLATION OF THE IMPROVEMENTS.
- ALL CONSTRUCTION STAKING FOR CURB, GUTTER, SIDEWALK, SANITARY SEWERS, STORM DRAINS, WATER LINES, FIRE HYDRANTS, ELECTROLIERS, ETC. SHALL BE DONE BY A LICENSED LAND SURVEYOR.
- THE CONTRACTOR SHALL PROVIDE FOR CONTINUOUS INGRESS AND EGRESS TO ALL PRIVATE PROPERTIES ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL NOTIFY ALL TRANSIT AGENCIES, TRASH COLLECTION AGENCY, AND EMERGENCY SERVICES OF THE CONSTRUCTION SCHEDULE TO ALLOW COORDINATION. AC TRANSIT SHALL BE NOTIFIED AT LEAST 2 WEEKS PRIOR TO THE START OF WORK AT LOCATIONS THAT INCLUDE EXISTING OR PROPOSED BUS STOP LOCATIONS.
- CONTRACTOR TO INSTALL A CONSTRUCTION INFORMATION SIGN PER THE PROJECT SPECIFICATIONS AT THE BEGINNING BLOCK AND THE END BLOCK OF THE SITE.
- CONTRACTOR SHALL PREPARE AND SUBMIT CONSTRUCTION PHASING PLAN AND TRAFFIC CONTROL PLANS FOR EACH PHASE TO CITY FOR APPROVAL PER THE SPECIFICATIONS.
- CONTRACTOR SHALL PREPARE AND SUBMIT A STORMWATER POLLUTANT PREVENTION PLAN (SWPPP) PER THE SPECIFICATIONS.
- ALL CITY OF BERKELEY MONUMENTS LOCATED WITHIN THE PROJECT AREA MUST BE REFERENCED, PRIOR TO WORK COMMENCING, BY A LICENSED LAND SURVEYOR AS REQUIRED BY SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE AND PER THE CITY OF BERKELEY MONUMENT REFERENCE GUIDELINES. CORNER RECORDS OF THIS WORK MUST BE SUBMITTED FOR FILING TO BOTH THE COUNTY SURVEYOR OF ALAMEDA COUNTY, AND THE CITY OF BERKELEY, PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, SURVEY SECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF EXISTING SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS AND STAKES. SHOULD ANY SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS, OR STAKES BE DAMAGED OR DESTROYED DURING THE PERFORMANCE OF THIS WORK, THE CONTRACTOR SHALL REPLACE SAID ITEMS PER CITY STANDARDS IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND CONTACT A CITY OF BERKELEY, SURVEY SECTION, CHIEF OF PARTY FOR FINAL INSPECTION AND ACCEPTANCE OF THE WORK.
- CONTRACTOR SHALL CONTACT CITY ARBORIST IN ADVANCE OF ANY DEMOLITION. CONTRACTOR SHALL ADHERE TO CITY SPECIFICATIONS AND RECOMMENDATIONS FOR TREE PRESERVATION.
- TREE PROTECTION - PROVIDE FOR WRAPPING TREES, KEEPING EXPOSED ROOTS MOIST, AND USE OF AIR TOOLS FOR EXCAVATING. MEET WITH CITY ARBORIST BEFORE ANY WORK IS DONE.
- UTILITIES AS SHOWN CONFORM TO AVAILABLE RECORD DATA. THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND DEPTHS BY POTHOLING OF ALL UTILITIES WITH APPROPRIATE AGENCIES, AND TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.

SIGNING AND STRIPING GENERAL NOTES:

- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE MOST RECENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE MOST RECENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, AND ALL ADDENDUMS THERETO, AND THE CITY OF BERKELEY PUBLIC WORKS DEPARTMENT STANDARD DETAILS, CURRENT EDITION.
- ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL RE-STRIP EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
- ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
- TRAFFIC SIGN FACE SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE ENGINEER. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ALL EXISTING SIGNS AND POSTS TO BE REMOVED SHALL BE PROPERLY DISPOSED OF.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY GRINDING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE SLURRY SEALED.
- PROTECT IN PLACE ALL SIGNAGE NOT IDENTIFIED IN THIS PLAN.



TEMPORARY EROSION CONTROL NOTE:

CONTRACTOR SHALL PROVIDE TEMPORARY STORM WATER POLLUTION CONTROL DURING CONSTRUCTION PER CALTRANS STD. PLAN T62. CONTRACTOR TO PROVIDE DRAINAGE INLET PROTECTION AT ALL STORM DRAINS LOCATED WITHIN 500' OF PROJECT EXTENTS. CONTRACTOR TO VERIFY ALL STORM WATER DRAIN INLET LOCATIONS. CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES DURING CONSTRUCTION. EROSION CONTROL MEASURES SHALL CONFORM TO THE REQUIREMENTS OF THE REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).

ABBREVIATIONS:

(X.XX)	INDICATES EXISTING ELEVATION
AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ADA	AMERICAN WITH DISABILITIES ACT
BC	BEGINNING OF CURVE
BEG	BEGIN
BW	BACK OF WALK
CA	CALIFORNIA
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION
CF	CURB FACE
C&G	CURB AND GUTTER
CL	CENTERLINE
CLR.	CLEAR
CONC.	CONCRETE
E:	EASTING
EC	END OF CURVE
ELEV.	ELEVATION
ETW	EDGE OF TRAVELED WAY
EX.	EXISTING
FL	FLOW LINE
FOC	FACE OF CURB
FS	FINISHED SURFACE
GO	GUTTER OUT
JP	JOINT POLE
L	LEFT
LF	LINEAR FOOT
LIP	LIP OF GUTTER
MAX.	MAXIMUM
MIN.	MINIMUM
MON.	SURVEY MONUMENT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
(N.)	NORTH
N:	NORTHING
O.C	ON CENTER
OFF	OFFSET
PC:	POINT OF CURVE
PCC	PORTLAND CEMENT CONCRETE
PRC	POINT OF REVERSE CURVE
PT:	POINT OF TANGENT
R	RIGHT
R.C	RELATIVE COMPACTION
R/W	RIGHT OF WAY
SF	SQUARE FEET (FOOT)
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MAINTENANCE HOLE
STA	STATION
STD.	STANDARD
SW	SIDEWALK
TC	TOP OF CURB
TYP.	TYPICAL
U.S.	UNITED STATES
VAR.	VARIES
XS	CROSS SECTION

SURVEY LEGEND

	BUILDING OVERHANG
	EDGE OF PAVEMENT
	CURB LINE
	CURB & GUTTER LINE
	CONTOURS
	CONTOURS
	STEPS
	GAS LINE
	STORM DRAIN
	SANITARY SEWER
	TELEPHONE LINE
	WATER LINE
	FLOW LINE
	FENCE LINE, TYPE / HEIGHT AS INDICATED
	STORM DRAIN MAINTENANCE HOLE
	STORM DRAIN CLEANOUT
	DRAIN INLET
	DRAIN INLET ON CURB
	CURB INLET WITHOUT GRATE
	SANITARY SEWER MAINTENANCE HOLE
	SANITARY SEWER CLEANOUT
	WATER METER / BOX
	WATER VALVE
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION
	GAS VALVE
	ELECTRIC VAULT / PULLBOX
	HARDSCAPE ELECTRIC LIGHT
	ELECTROLIER WITH MAST ARM
	JOINT POLE
	GUY WIRE ANCHOR
	STREET LIGHT PULLBOX
	STEAM MAINTENANCE HOLE
	MISCELLANEOUS MAINTENANCE HOLE
	MISCELLANEOUS PULLBOX
	SIGN
	BOLLARD
	SURVEY DISK MONUMENT
	SURVEY WELL MONUMENT
	SPOT ELEVATION
	TREE WITH DRIPLINE, SIZE AS INDICATED

CONSTRUCTION LEGEND:

	PCC CONCRETE SECTIONS
	GENERAL LANDSCAPING SOIL INSTALLED AT ±3" BELOW SIDEWALK GRADE
	DETECTABLE WARNING SURFACE PER CALTRANS STD PLAN A88A
	REMOVE EXISTING STRIPING BY SANDBLASTING
	AC PLUG PER CONCRETE NOTE 15 ON CITY OF BERKELEY STANDARD PLAN 8144
	CLASS 2 AGGREGATE BASE, DEPTH PER CITY OF BERKELEY SAWCUT TRENCH, CURB AND GUTTER, SIDEWALK, AND TRAFFIC CIRCLE DETAILS.
	SCARIFY AND RECOMPACT SUBGRADE TO 95% R.C. OR AS APPROVED BY THE ENGINEER
	STAMED CONCRETE PAVER BRICK PATTERN WITH COATING
	SAWCUT LINE



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PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER		DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK	AH	BOOK	
				MANAGER OF ENGINEERING	DATE	AS BUILT		DATE	9/5/2024

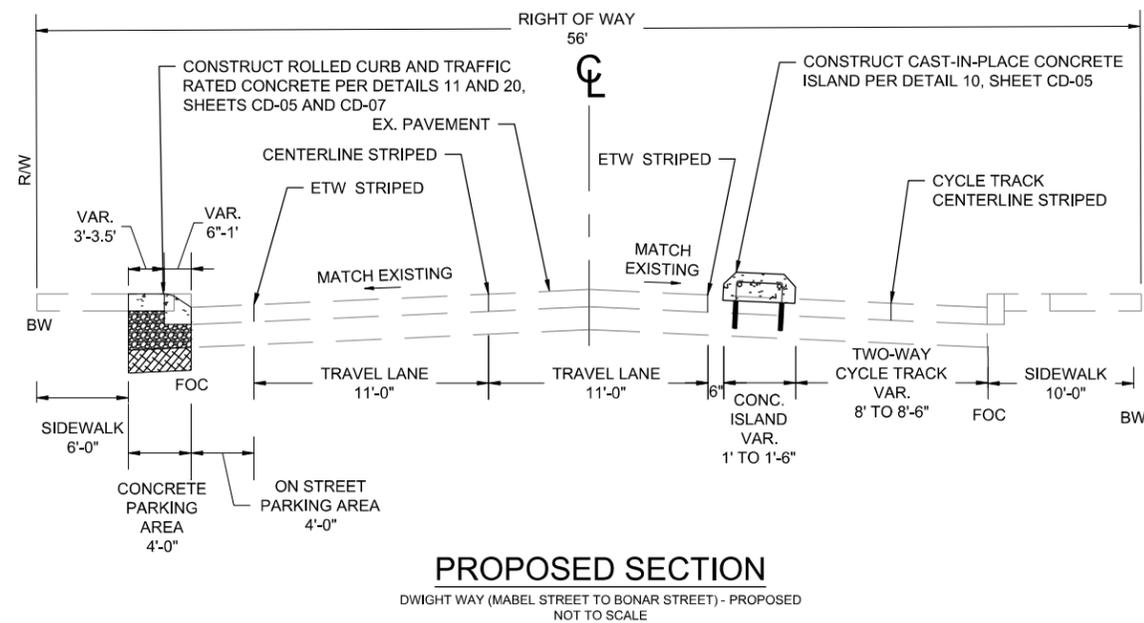
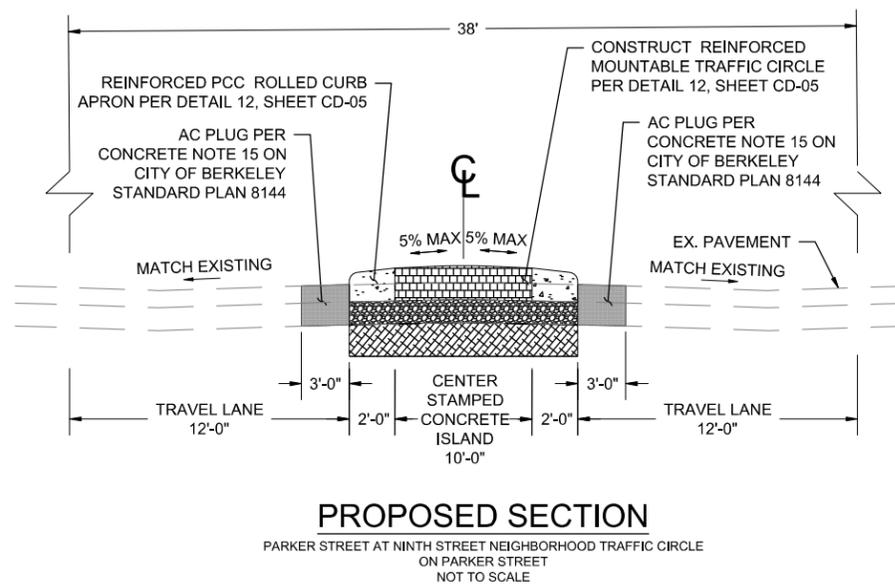
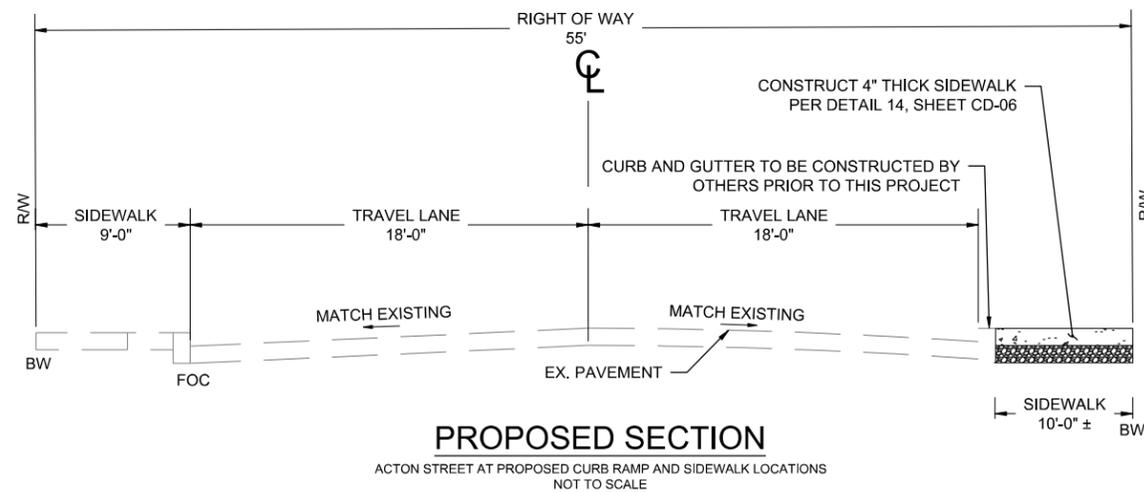
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
GENERAL NOTES

					APPROVAL
					DESCRIPTION
					DATE
					MARK
					REVISION

PLAN 8282
FILE 503-639
GN-01
SHEET 2 OF 27

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CONSTRUCTION LEGEND:

-  PCC CONCRETE SECTIONS
-  AC PLUG PER CONCRETE NOTE 15 ON CITY OF BERKELEY STANDARD PLAN 8144
-  CLASS 2 AGGREGATE BASE. DEPTH PER CITY OF BERKELEY SAWCUT TRENCH, CURB AND GUTTER, SIDEWALK, AND TRAFFIC CIRCLE DETAILS.
-  SCARIFY AND RECOMPACT SUBGRADE TO 95% R.C. OR AS APPROVED BY THE ENGINEER
-  STAMPED CONCRETE PAVER BRICK PATTERN WITH COATING



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
0	1	SURVEY PARTY CHIEF		REGISTERED ENGINEER	EXP.	DRAWN	EK	VERT.	
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK	AH	BOOK	
				MANAGER OF ENGINEERING	EXP.	AS BUILT		DATE	9/5/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
TYPICAL SECTIONS

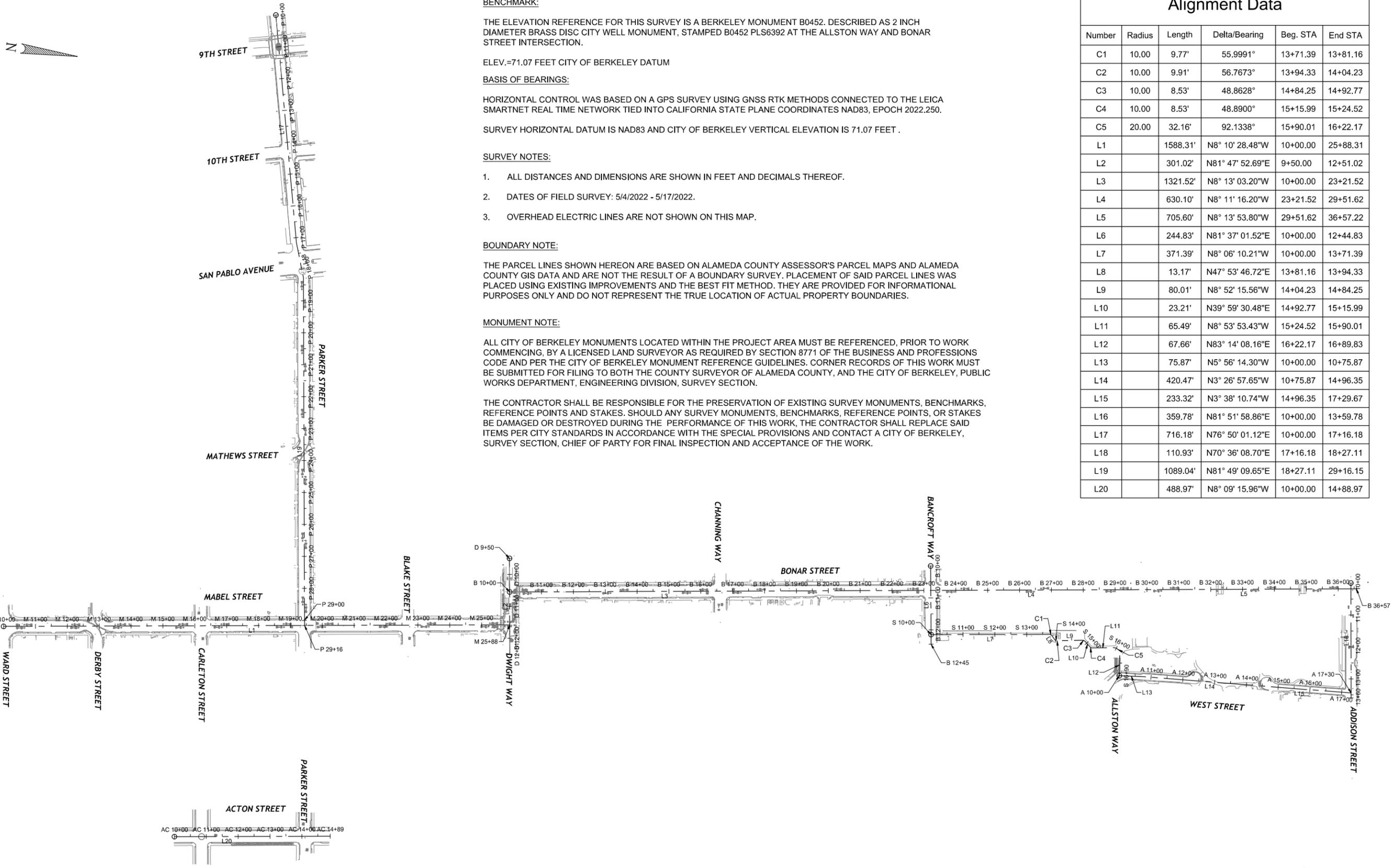


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REVISION	MARK	DATE	DESCRIPTION	APPROVAL
3				
2				
1				

PLAN 8282
FILE 503-639
XS-01
SHEET 3 OF 27

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Alignment Data

Number	Radius	Length	Delta/Bearing	Beg. STA	End STA
C1	10.00	9.77'	55.9991°	13+71.39	13+81.16
C2	10.00	9.91'	56.7673°	13+94.33	14+04.23
C3	10.00	8.53'	48.8628°	14+84.25	14+92.77
C4	10.00	8.53'	48.8900°	15+15.99	15+24.52
C5	20.00	32.16'	92.1338°	15+90.01	16+22.17
L1		1588.31'	N8° 10' 28.48"W	10+00.00	25+88.31
L2		301.02'	N81° 47' 52.69"E	9+50.00	12+51.02
L3		1321.52'	N8° 13' 03.20"W	10+00.00	23+21.52
L4		630.10'	N8° 11' 16.20"W	23+21.52	29+51.62
L5		705.60'	N8° 13' 53.80"W	29+51.62	36+57.22
L6		244.83'	N81° 37' 01.52"E	10+00.00	12+44.83
L7		371.39'	N8° 06' 10.21"W	10+00.00	13+71.39
L8		13.17'	N47° 53' 46.72"E	13+81.16	13+94.33
L9		80.01'	N8° 52' 15.56"W	14+04.23	14+84.25
L10		23.21'	N39° 59' 30.48"E	14+92.77	15+15.99
L11		65.49'	N8° 53' 53.43"W	15+24.52	15+90.01
L12		67.66'	N83° 14' 08.16"E	16+22.17	16+89.83
L13		75.87'	N5° 56' 14.30"W	10+00.00	10+75.87
L14		420.47'	N3° 26' 57.65"W	10+75.87	14+96.35
L15		233.32'	N3° 38' 10.74"W	14+96.35	17+29.67
L16		359.78'	N81° 51' 58.86"E	10+00.00	13+59.78
L17		716.18'	N76° 50' 01.12"E	10+00.00	17+16.18
L18		110.93'	N70° 36' 08.70"E	17+16.18	18+27.11
L19		1089.04'	N81° 49' 09.65"E	18+27.11	29+16.15
L20		488.97'	N8° 09' 15.96"W	10+00.00	14+88.97

BENCHMARK:

THE ELEVATION REFERENCE FOR THIS SURVEY IS A BERKELEY MONUMENT B0452. DESCRIBED AS 2 INCH DIAMETER BRASS DISC CITY WELL MONUMENT, STAMPED B0452 PLS6392 AT THE ALLSTON WAY AND BONAR STREET INTERSECTION.

ELEV.=71.07 FEET CITY OF BERKELEY DATUM

BASIS OF BEARINGS:

HORIZONTAL CONTROL WAS BASED ON A GPS SURVEY USING GNSS RTK METHODS CONNECTED TO THE LEICA SMARTNET REAL TIME NETWORK TIED INTO CALIFORNIA STATE PLANE COORDINATES NAD83, EPOCH 2022.250.

SURVEY HORIZONTAL DATUM IS NAD83 AND CITY OF BERKELEY VERTICAL ELEVATION IS 71.07 FEET .

SURVEY NOTES:

1. ALL DISTANCES AND DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
2. DATES OF FIELD SURVEY: 5/4/2022 - 5/17/2022.
3. OVERHEAD ELECTRIC LINES ARE NOT SHOWN ON THIS MAP.

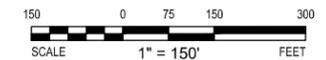
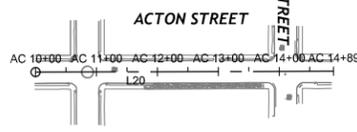
BOUNDARY NOTE:

THE PARCEL LINES SHOWN HEREON ARE BASED ON ALAMEDA COUNTY ASSESSOR'S PARCEL MAPS AND ALAMEDA COUNTY GIS DATA AND ARE NOT THE RESULT OF A BOUNDARY SURVEY. PLACEMENT OF SAID PARCEL LINES WAS PLACED USING EXISTING IMPROVEMENTS AND THE BEST FIT METHOD. THEY ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND DO NOT REPRESENT THE TRUE LOCATION OF ACTUAL PROPERTY BOUNDARIES.

MONUMENT NOTE:

ALL CITY OF BERKELEY MONUMENTS LOCATED WITHIN THE PROJECT AREA MUST BE REFERENCED, PRIOR TO WORK COMMENCING, BY A LICENSED LAND SURVEYOR AS REQUIRED BY SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE AND PER THE CITY OF BERKELEY MONUMENT REFERENCE GUIDELINES. CORNER RECORDS OF THIS WORK MUST BE SUBMITTED FOR FILING TO BOTH THE COUNTY SURVEYOR OF ALAMEDA COUNTY, AND THE CITY OF BERKELEY, PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, SURVEY SECTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF EXISTING SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS AND STAKES. SHOULD ANY SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS, OR STAKES BE DAMAGED OR DESTROYED DURING THE PERFORMANCE OF THIS WORK, THE CONTRACTOR SHALL REPLACE SAID ITEMS PER CITY STANDARDS IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND CONTACT A CITY OF BERKELEY, SURVEY SECTION, CHIEF OF PARTY FOR FINAL INSPECTION AND ACCEPTANCE OF THE WORK.



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	KB	HORIZ.		CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS PARKER ST. TO ADDISON ST. BIKEWAY SURVEY CONTROL	PLAN 8282
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER	DATE	DRAWN	KB	VERT.			FILE 503-639
		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK	NB	BOOK			SC-01
				MANAGER OF ENGINEERING	EXP.	AS BUILT		DATE	9/5/2024		SHEET 4 OF 27

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

CONSTRUCTION NOTES:

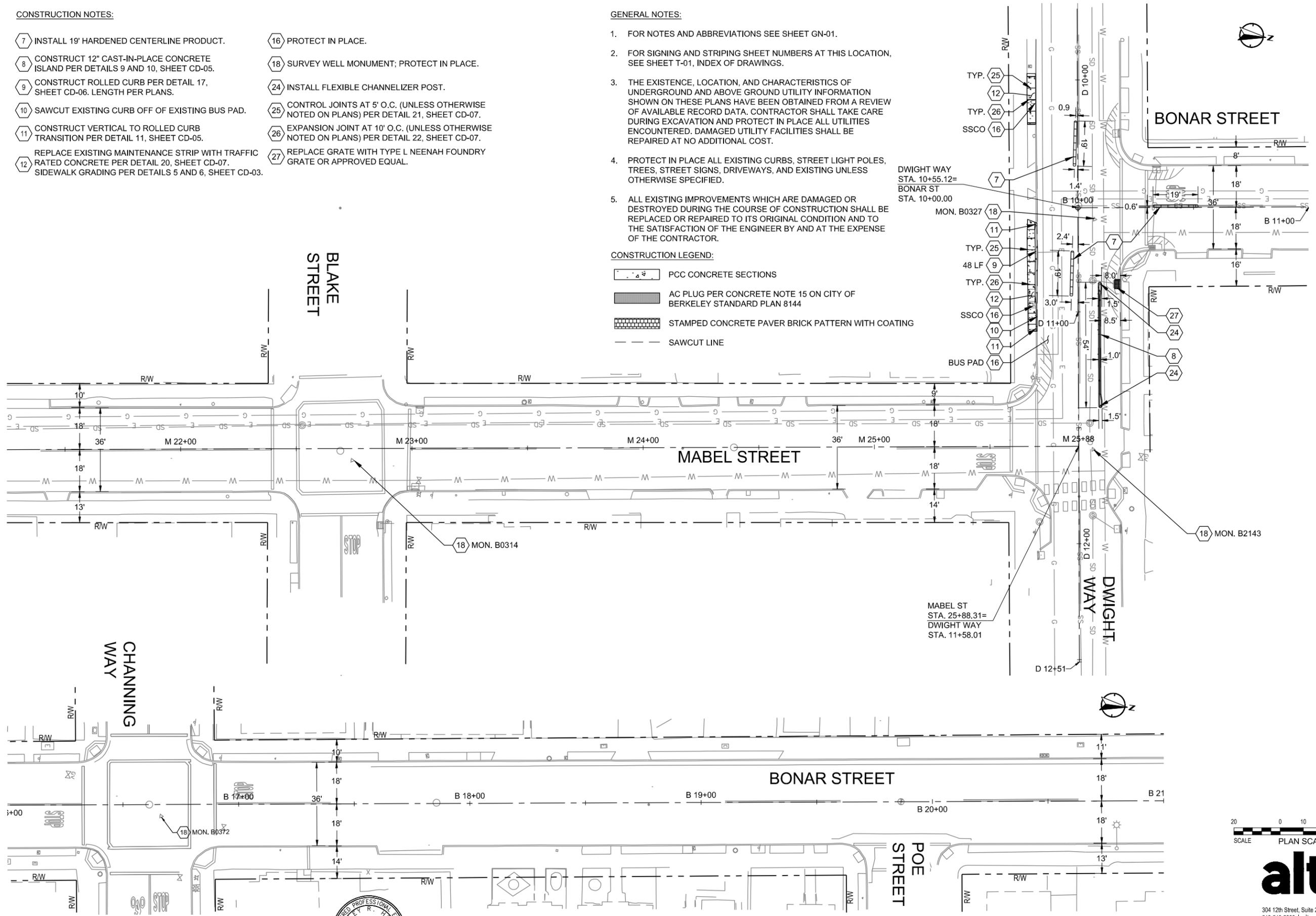
- 7 INSTALL 19' HARDENED CENTERLINE PRODUCT.
- 8 CONSTRUCT 12" CAST-IN-PLACE CONCRETE ISLAND PER DETAILS 9 AND 10, SHEET CD-05.
- 9 CONSTRUCT ROLLED CURB PER DETAIL 17, SHEET CD-06. LENGTH PER PLANS.
- 10 SAWCUT EXISTING CURB OFF OF EXISTING BUS PAD.
- 11 CONSTRUCT VERTICAL TO ROLLED CURB TRANSITION PER DETAIL 11, SHEET CD-05.
- 12 REPLACE EXISTING MAINTENANCE STRIP WITH TRAFFIC RATED CONCRETE PER DETAIL 20, SHEET CD-07. SIDEWALK GRADING PER DETAILS 5 AND 6, SHEET CD-03.
- 16 PROTECT IN PLACE.
- 18 SURVEY WELL MONUMENT; PROTECT IN PLACE.
- 24 INSTALL FLEXIBLE CHANNELIZER POST.
- 25 CONTROL JOINTS AT 5' O.C. (UNLESS OTHERWISE NOTED ON PLANS) PER DETAIL 21, SHEET CD-07.
- 26 EXPANSION JOINT AT 10' O.C. (UNLESS OTHERWISE NOTED ON PLANS) PER DETAIL 22, SHEET CD-07.
- 27 REPLACE GRATE WITH TYPE L NEENAH FOUNDRY GRATE OR APPROVED EQUAL.

GENERAL NOTES:

- 1. FOR NOTES AND ABBREVIATIONS SEE SHEET GN-01.
- 2. FOR SIGNING AND STRIPING SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
- 3. THE EXISTENCE, LOCATION, AND CHARACTERISTICS OF UNDERGROUND AND ABOVE GROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
- 4. PROTECT IN PLACE ALL EXISTING CURBS, STREET LIGHT POLES, TREES, STREET SIGNS, DRIVEWAYS, AND EXISTING UNLESS OTHERWISE SPECIFIED.
- 5. ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.

CONSTRUCTION LEGEND:

-  PCC CONCRETE SECTIONS
-  AC PLUG PER CONCRETE NOTE 15 ON CITY OF BERKELEY STANDARD PLAN 8144
-  STAMPED CONCRETE PAVER BRICK PATTERN WITH COATING
-  SAWCUT LINE



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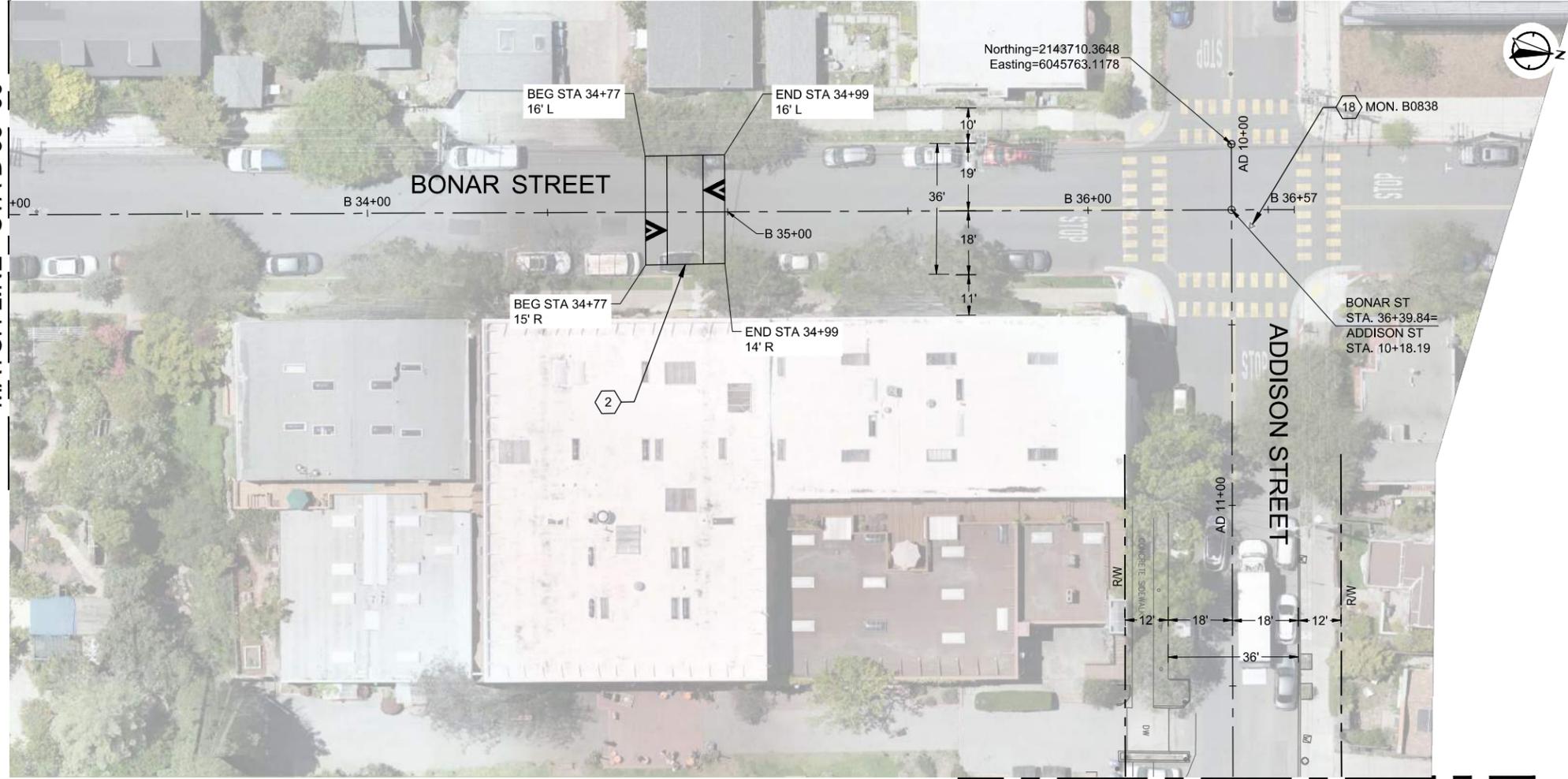
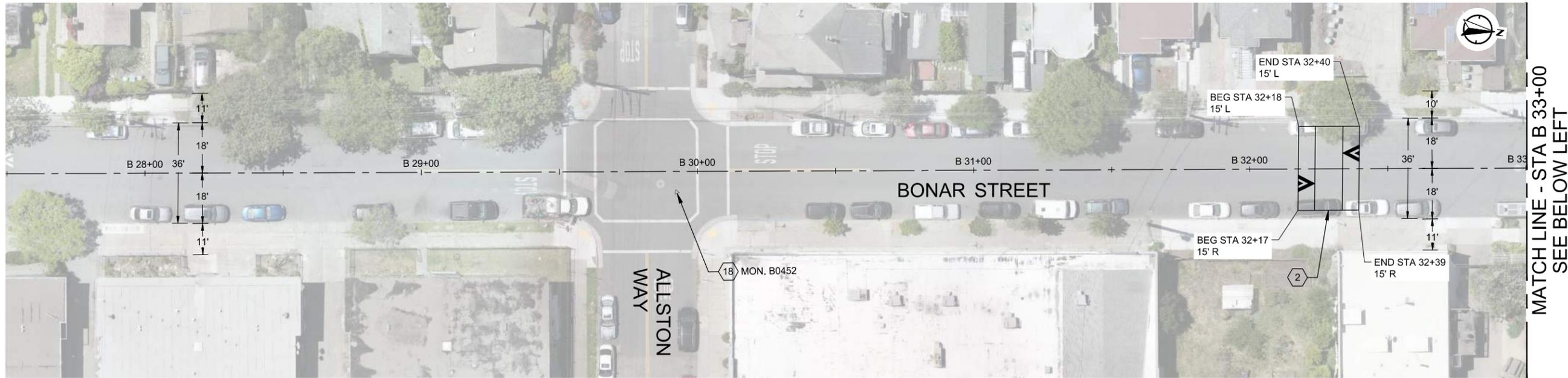
PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	E.K.	HORIZ.	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS PARKER ST. TO ADDISON ST. BIKEWAY LAYOUT PLANS
0 1 2 3		SURVEY PARTY CHIEF		REGISTERED ENGINEER		DRAWN	E.K.	VERT.	
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK	A.H.	BOOK	
				MANAGER OF ENGINEERING	EXP.	AS BUILT		DATE 9/5/2024	

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
L-01
SHEET 5 OF 27

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CONSTRUCTION NOTES:

- 2) INSTALL SPEED TABLE PER CITY MIDBLOCK SPEED TABLE DETAIL (SEE DETAIL 13, SHEET CD-05). LOCATION TO BE CONFIRMED BY CITY ENGINEER PRIOR TO INSTALLATION.
- 18) SURVEY WELL MONUMENT; PROTECT IN PLACE.

GENERAL NOTES:

1. FOR NOTES AND ABBREVIATIONS SEE SHEET GN-01.
2. FOR SIGNING AND STRIPING SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
3. THE EXISTENCE, LOCATION, AND CHARACTERISTICS OF UNDERGROUND AND ABOVE GROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
4. PROTECT IN PLACE ALL EXISTING CURBS, STREET LIGHT POLES, TREES, STREET SIGNS, DRIVEWAYS, AND EXISTING UNLESS OTHERWISE SPECIFIED.
5. ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.



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DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF	DATE
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING ENGINEER	REGISTR.
APPROVED:	DATE
MANAGER OF ENGINEERING	R.C.E.
	EXP.

DESIGN	EK
DRAWN	EK
CHECK	AH
AS BUILT	
DATE	9/5/2024

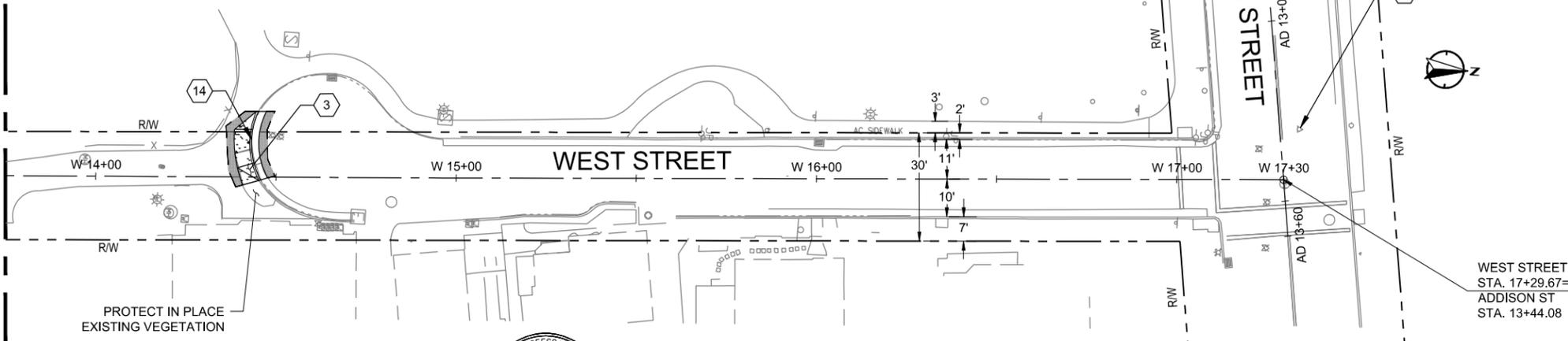
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
LAYOUT PLANS

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
L-02
SHEET 6 OF 27

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SEE ABOVE RIGHT
MATCH LINE - STA A 13+75



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER	REGISTR.	DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	EXP.	CHECK	EK	BOOK	
				MANAGER OF ENGINEERING	R.C.E.	AS BUILT		DATE	9/5/2024

DATE	DATE	DATE	DATE

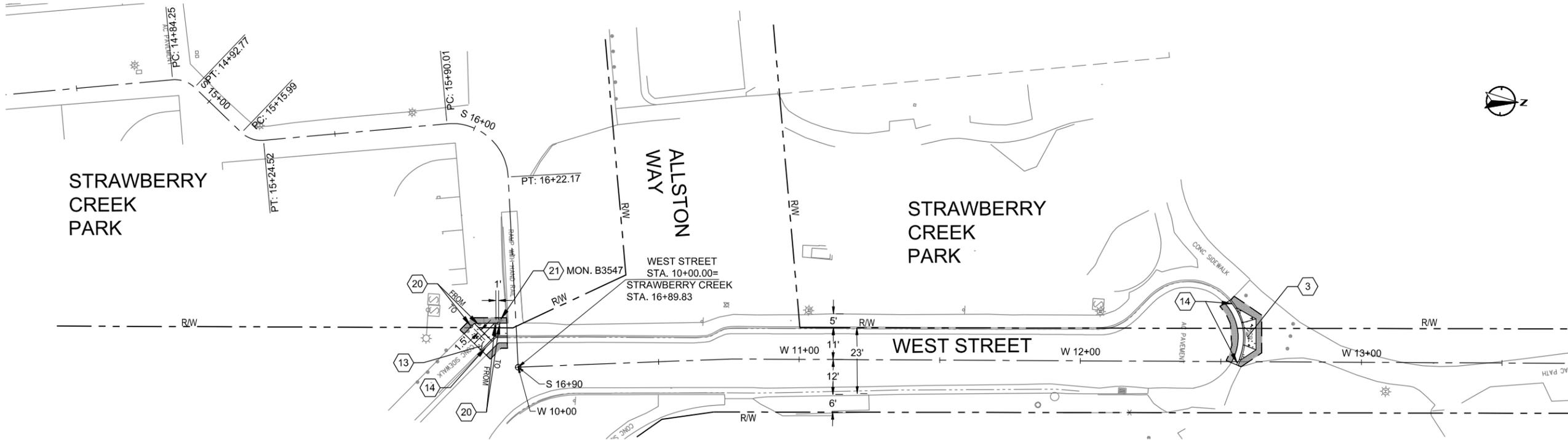
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CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
LAYOUT PLANS

PLAN 8282
FILE 503-639
L-03
SHEET 7 OF 27



MATCH LINE - STA A 13+75
SEE BELOW LEFT

SEE SHEET L-02
MATCH LINE - STA AD 11+75

CONSTRUCTION NOTES:

- 3 REMOVE AND RECONSTRUCT EXISTING RAMP PER DETAILS 7 AND 8, SHEET CD-04.
- 13 REMOVE AND RECONSTRUCT SIDEWALK SECTION PER DETAIL 4, SHEET CD-03.
- 14 CONSTRUCT STANDARD CURB AND GUTTER PER CITY OF BERKELEY STANDARDS, DETAIL 16, SHEET CD-06, OR MATCH EXISTING CURB HEIGHT.
- 18 SURVEY WELL MONUMENT; PROTECT IN PLACE.
- 20 RELOCATE EXISTING BOLLARD AS SHOWN.
- 21 SURVEY DISK MONUMENT; REMOVE AND REPLACE PER DETAIL 23, SHEET CD-07.

GENERAL NOTES:

1. FOR NOTES AND ABBREVIATIONS SEE SHEET GN-01.
2. FOR SIGNING AND STRIPING SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
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5. ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.

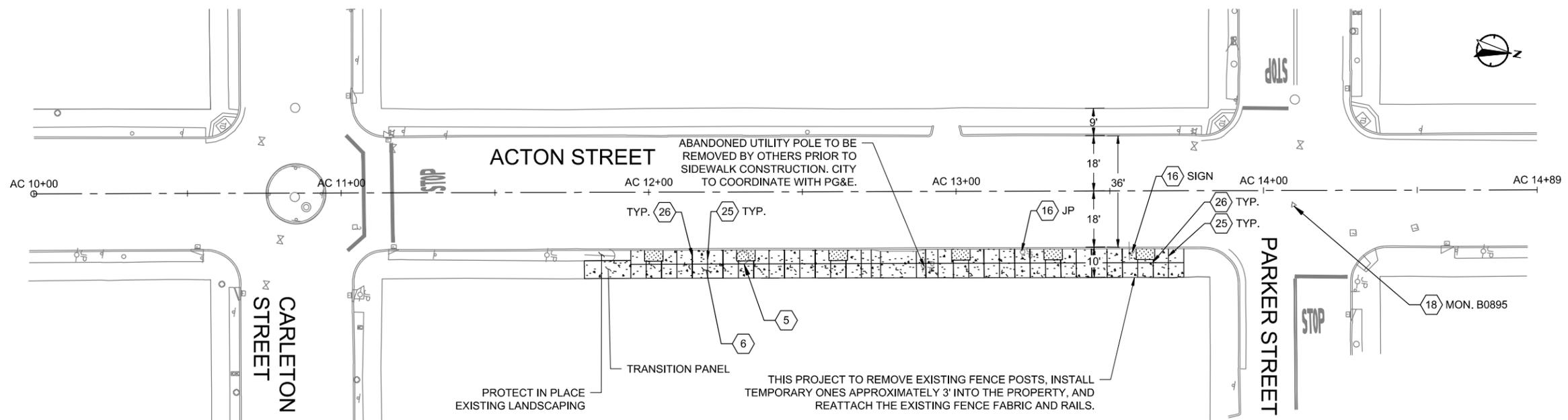
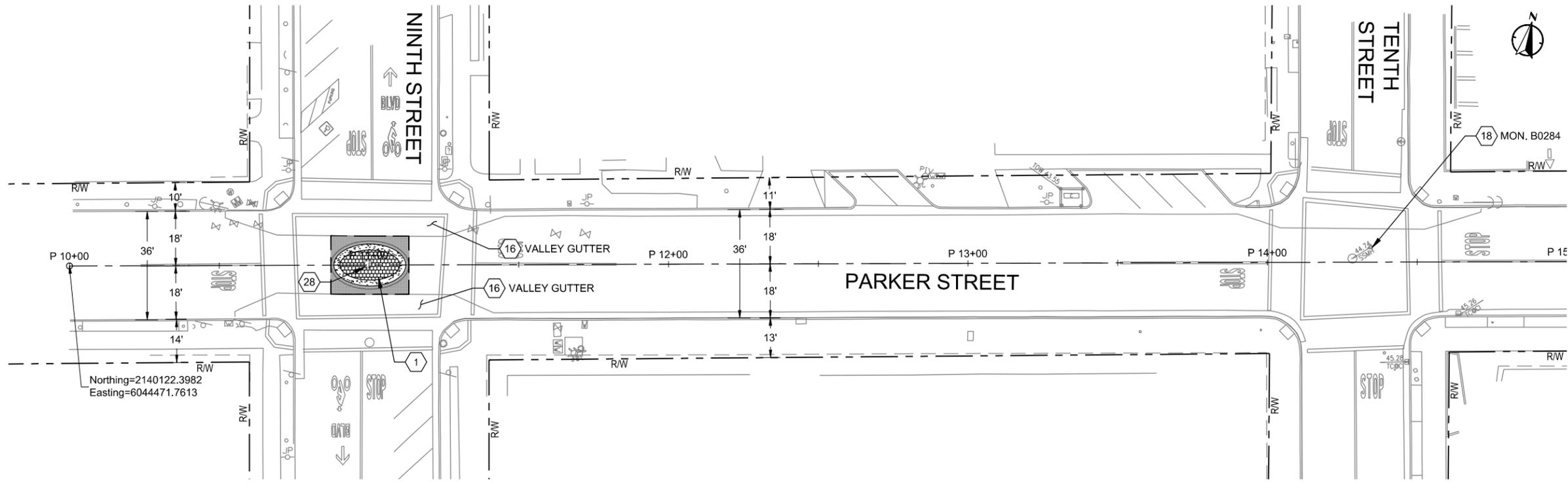
CONSTRUCTION LEGEND:

- PCC CONCRETE SECTIONS
- AC PLUG PER CONCRETE NOTE 15 ON CITY OF BERKELEY STANDARD PLAN 8144
- SAWCUT LINE



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CONSTRUCTION NOTES:

- 1 INSTALL TRAFFIC CIRCLE PER DETAIL 12, SHEET CD-05. GRADING PER DETAIL 1, SHEET CD-01.
- 4 CONSTRUCT SHARED USE PATH RAMP PER DETAILS 4 AND 5, SHEET CD-03.
- 5 REMOVE EXISTING TREE.
- 6 CONSTRUCT CONCRETE SIDEWALK PER CITY OF BERKELEY STANDARDS, DETAIL 14, SHEET CD-06. GRADING PER DETAIL 3, SHEET CD-02.
- 16 PROTECT IN PLACE.

- 18 SURVEY WELL MONUMENT; PROTECT IN PLACE.
- 22 CONSTRUCT CURB TRANSITION PER DETAIL 11, SHEET CD-05.
- 23 CONSTRUCT REINFORCED CONCRETE DRIVEWAY PER CITY OF BERKELEY STANDARDS, DETAIL 18, SHEET CD-07. EXISTING CURB AND GUTTER TO REMAIN.
- 25 CONTROL JOINTS AT 5' O.C. (UNLESS OTHERWISE NOTED ON PLANS) PER DETAIL 21, SHEET CD-07.
- 26 EXPANSION JOINT AT 10' O.C. (UNLESS OTHERWISE NOTED ON PLANS) PER DETAIL 22, SHEET CD-07.
- 28 ADJUST MANHOLE TO GRADE PER DETAIL 24, SHEET CD-07.

GENERAL NOTES:

1. FOR NOTES AND ABBREVIATIONS SEE SHEET GN-01.
2. FOR SIGNING AND STRIPING SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
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CONSTRUCTION LEGEND:

- PCC CONCRETE SECTIONS
- GENERAL LANDSCAPING SOIL INSTALLED AT ±3" BELOW SIDEWALK GRADE.
- AC PLUG PER CONCRETE NOTE 15 ON CITY OF BERKELEY STANDARD PLAN 8144
- STAMPED CONCRETE PAVER BRICK PATTERN WITH COATING
- SAWCUT LINE



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		SURVEY PARTY CHIEF		SUPERVISING ENGINEER	REGISTR.	DRAWN	EXP.	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK	R.C.E.	BOOK	
				MANAGER OF ENGINEERING	EXP.	AS BUILT			DATE 9/5/2024

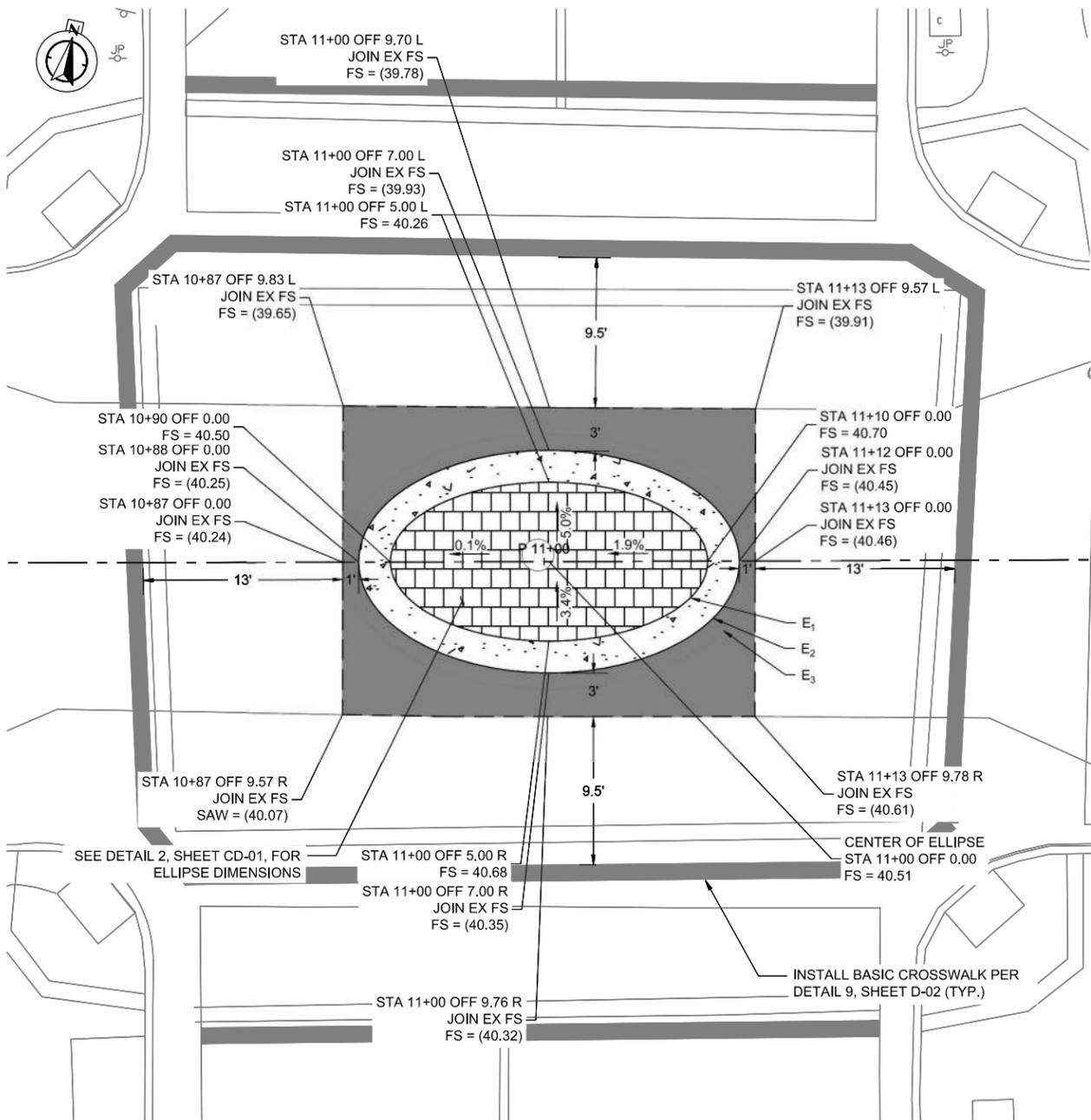
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
LAYOUT PLANS

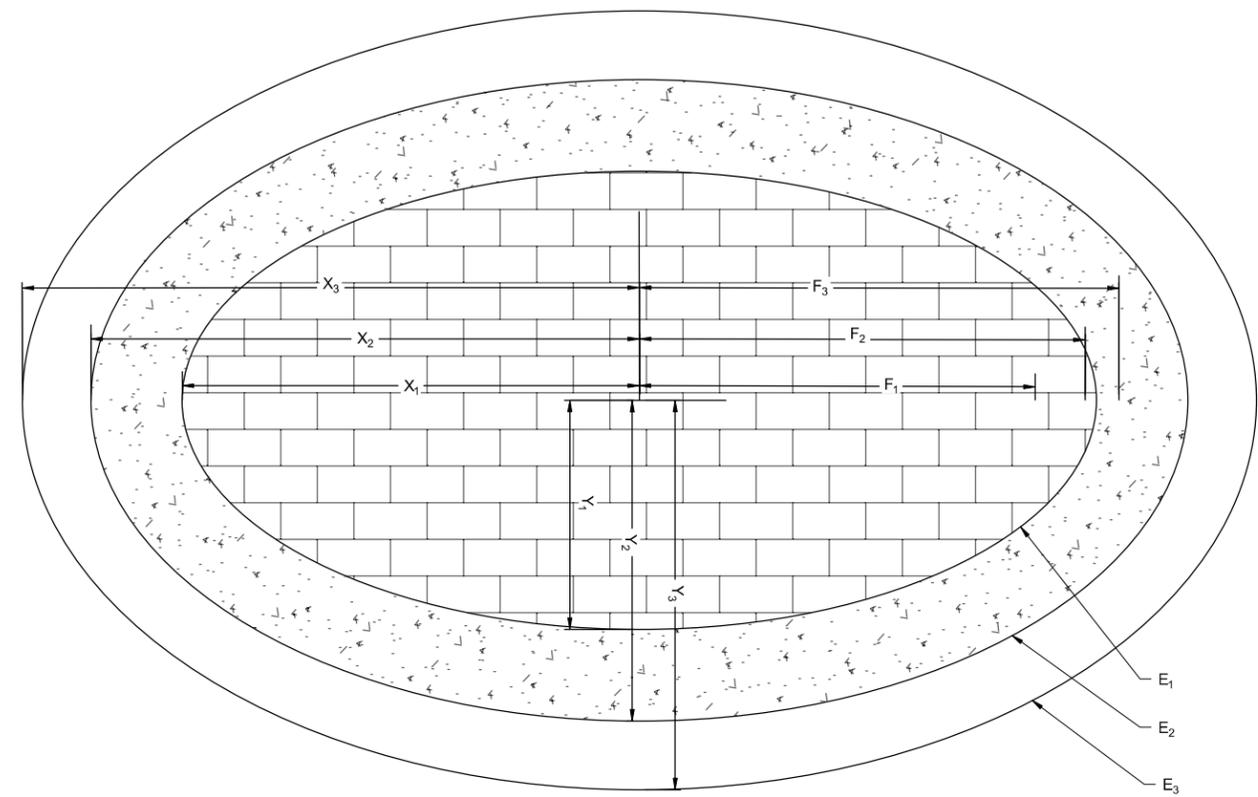
REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
L-04
SHEET 8 OF 27

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1 PARKER STREET AT NINTH STREET
SCALE: 1" = 5'



ELLIPSE DIMENSIONS	
E ₁	X ₁ = 10'; Y ₁ = 5'; F ₁ = 8.66'
E ₂	X ₂ = 12'; Y ₂ = 7'; F ₂ = 9.75'
E ₃	X ₃ = 13'; Y ₃ = 8'; F ₃ = 10.25'

2 ELLIPSE DIMENSIONS
NTS

GENERAL NOTES:

- FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
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UNCLASSIFIED EXCAVATION NOTES:

- EXCAVATE EXISTING ASPHALT CONCRETE AND BASE WITHIN PAVEMENT TRENCH AREA.

CONSTRUCTION LEGEND:

- PCC CONCRETE SECTIONS
- AC PLUG PER CONCRETE NOTE 15 ON CITY OF BERKELEY STANDARD PLAN 8144
- STAMPED CONCRETE PAVER BRICK PATTERN WITH COATING
- SAWCUT LINE
- DIAMETER



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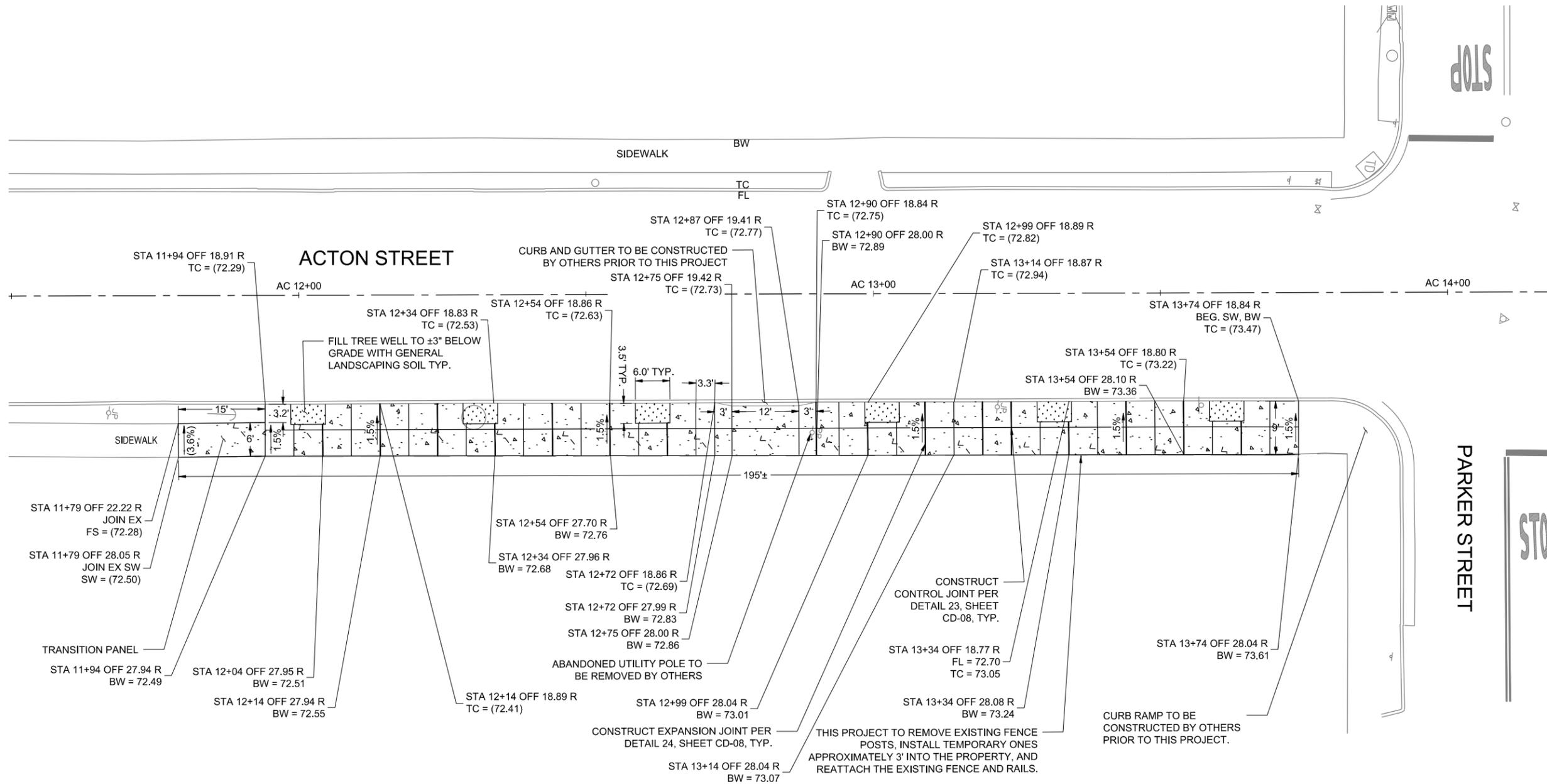
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		SURVEY PARTY CHIEF		SUPERVISING ENGINEER		DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:		CHECK	SS	BOOK	
				MANAGER OF ENGINEERING		AS BUILT		DATE	9/5/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
CIVIL DETAILS

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
CD-01
SHEET 9 OF 27

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3 ACTON STREET SIDEWALK REPAIR
SCALE: 1" = 10'

GENERAL NOTES:

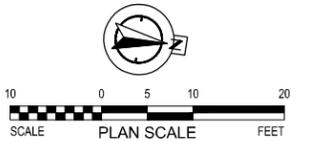
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UNCLASSIFIED EXCAVATION NOTES:

- EXCAVATE EXISTING SIDEWALK AND BASE WITHIN NEW CONSTRUCTION LIMITS.

CONSTRUCTION LEGEND:

- PCC CONCRETE SECTIONS
- GENERAL LANDSCAPING SOIL INSTALLED AT ±3" BELOW SIDEWALK GRADE.



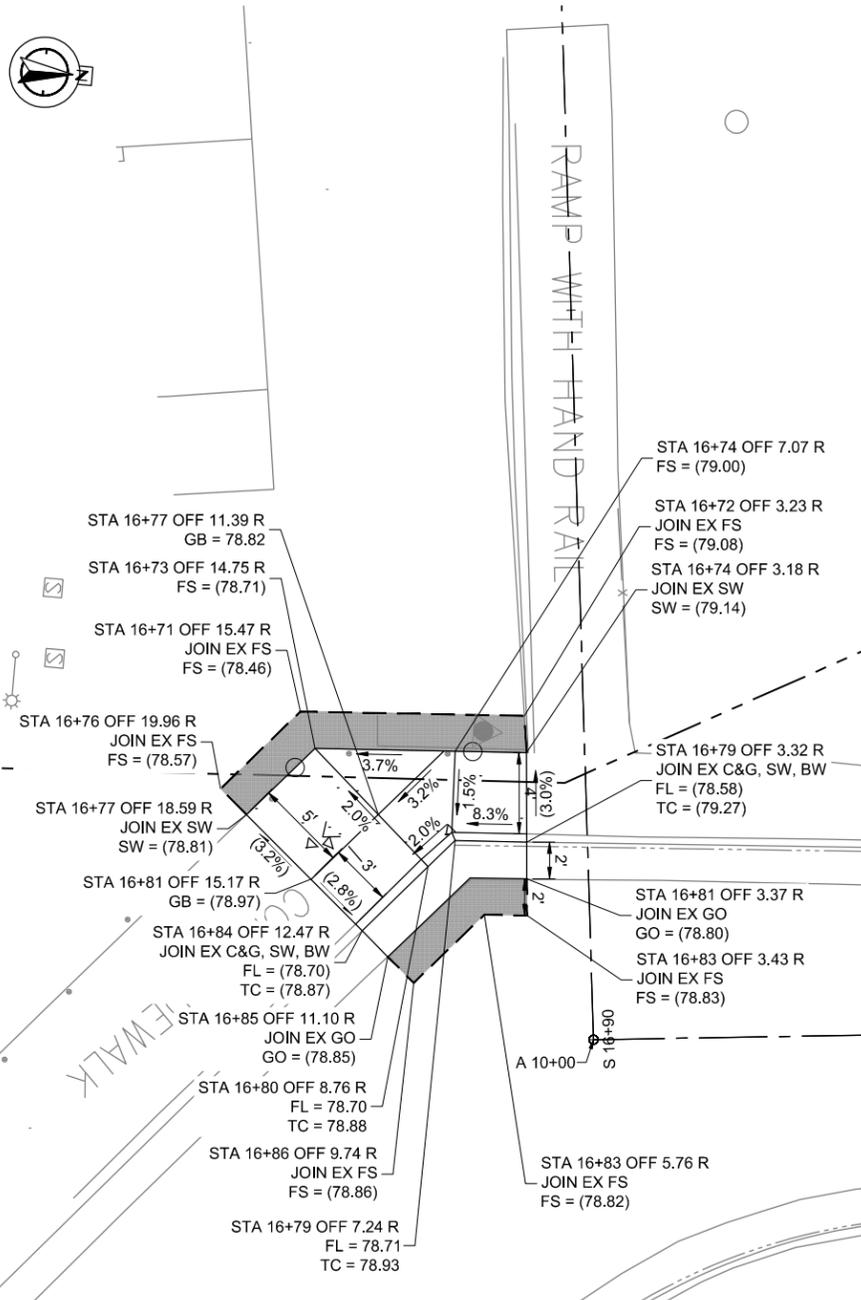
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		SURVEY PARTY CHIEF				DRAWN	EK	VERT.	
		WATERSHED REVIEW	DATE	APPROVED	DATE	CHECK	SS	BOOK	
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CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
CIVIL DETAILS

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
CD-02
SHEET 10 OF 27

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4 ALLSTON WAY AT WEST STREET
SCALE: 1" = 5'

GENERAL NOTES:

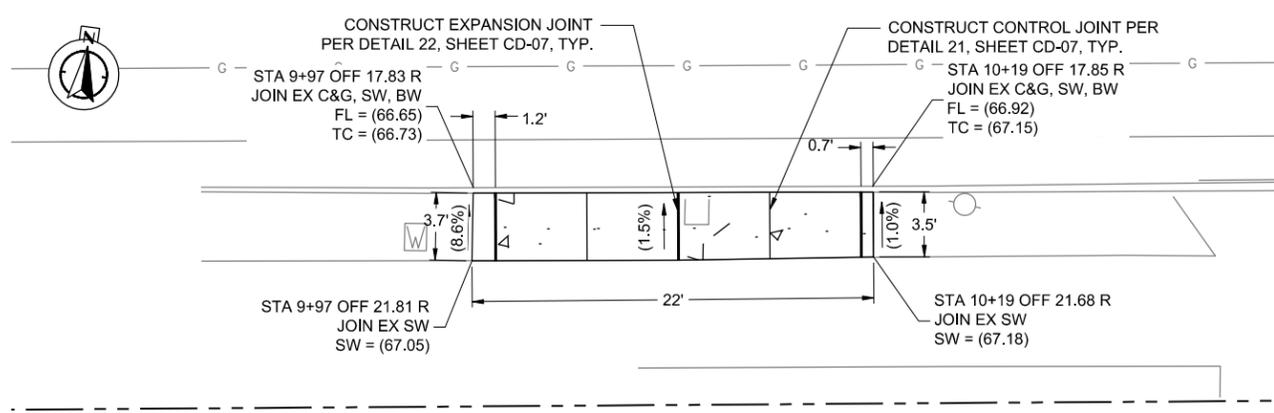
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UNCLASSIFIED EXCAVATION NOTES:

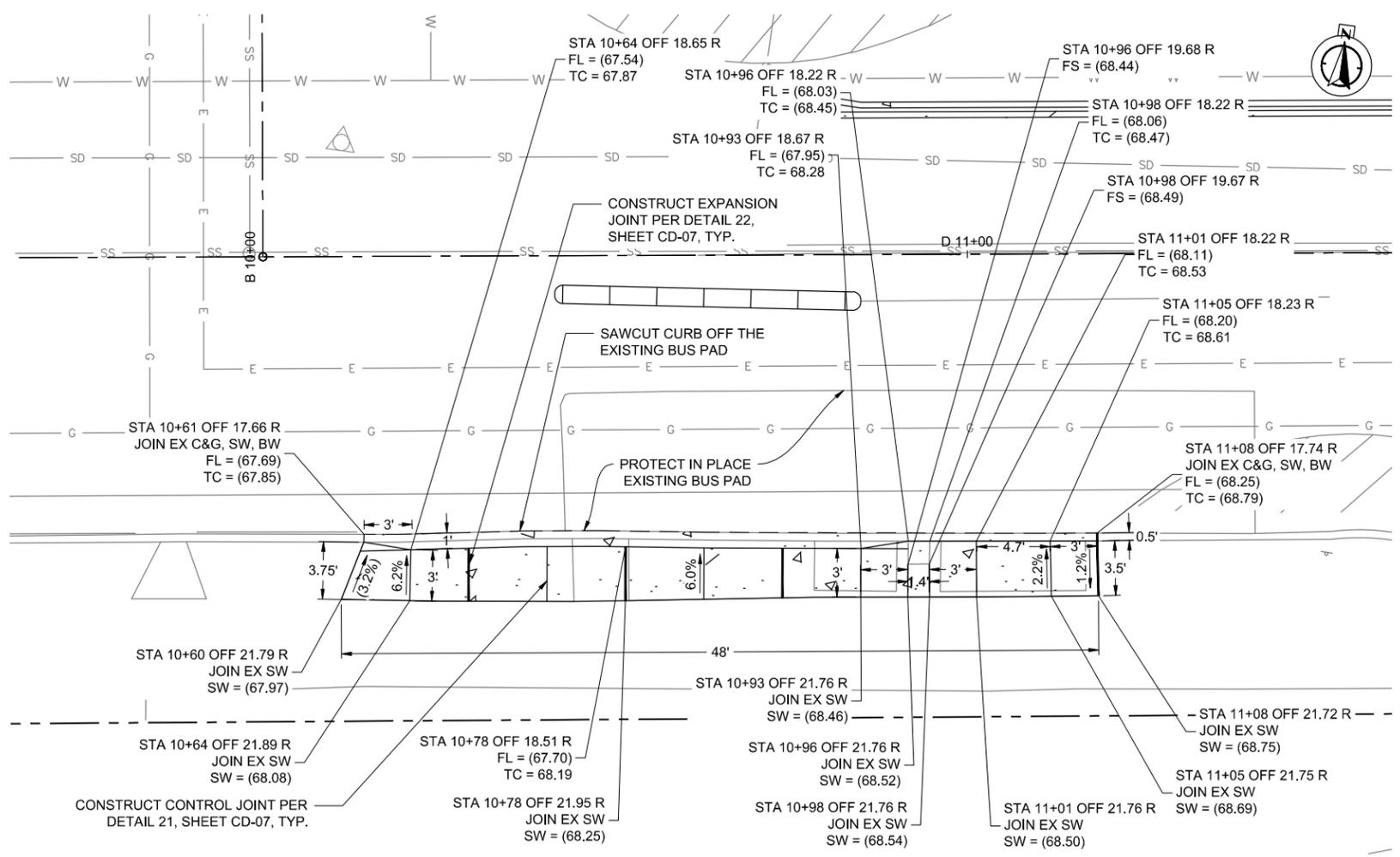
- EXCAVATE EXISTING ASPHALT CONCRETE AND BASE WITHIN PAVEMENT TRENCH AREA.
- EXCAVATE EXISTING SIDEWALK AND BASE WITHIN NEW CONSTRUCTION LIMITS.

CONSTRUCTION LEGEND:

- PCC CONCRETE SECTIONS
- GENERAL LANDSCAPING SOIL INSTALLED AT ±3" BELOW SIDEWALK GRADE.
- AC PLUG PER CONCRETE NOTE 15 ON CITY OF BERKELEY STANDARD PLAN 8144
- SAWCUT LINE



5 DWIGHT WAY CONCRETE MAINTENANCE STRIP REPAVING WEST OF BONAR ST
SCALE: 1" = 5'



6 DWIGHT WAY CONCRETE MAINTENANCE STRIP REPAVING EAST OF BONAR ST
SCALE: 1" = 5'



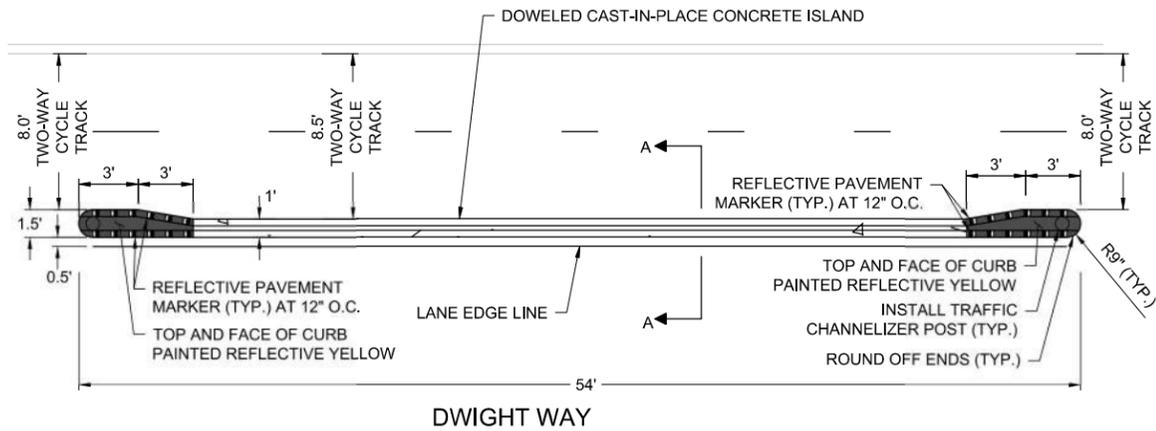
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PROJECT MANAGER		DATE		DEPICTION OF MONUMENTS:		DATE		SUBMITTED:		DATE		DESIGN		E.K.		HORIZ.		CITY OF BERKELEY		PARKER ST. TO ADDISON ST. BIKEWAY		PLAN 8282	
SURVEY PARTY CHIEF		DATE		WATERSHED REVIEW:		DATE		APPROVED:		DATE		DRAWN		E.K.		VERT.		DEPARTMENT OF PUBLIC WORKS		CIVIL DETAILS		FILE 503-639	
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES								MANAGER OF ENGINEERING		EXP.		CHECK		S.S.		BOOK						CD-03	
										9/5/2024		DATE		9/5/2024								SHEET 11 OF 27	

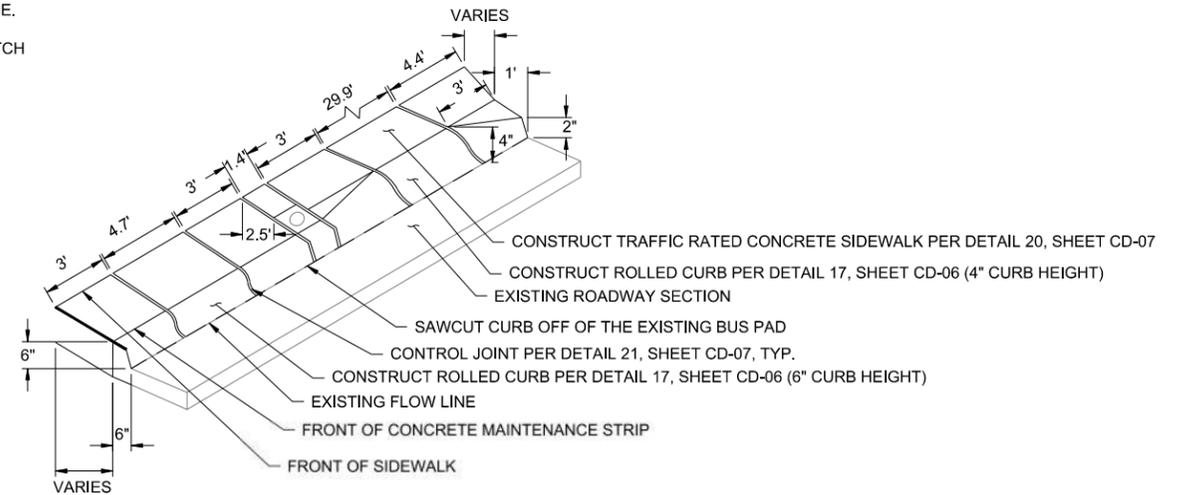
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9 DOWELED CAST-IN-PLACE CONCRETE ISLAND

NTS

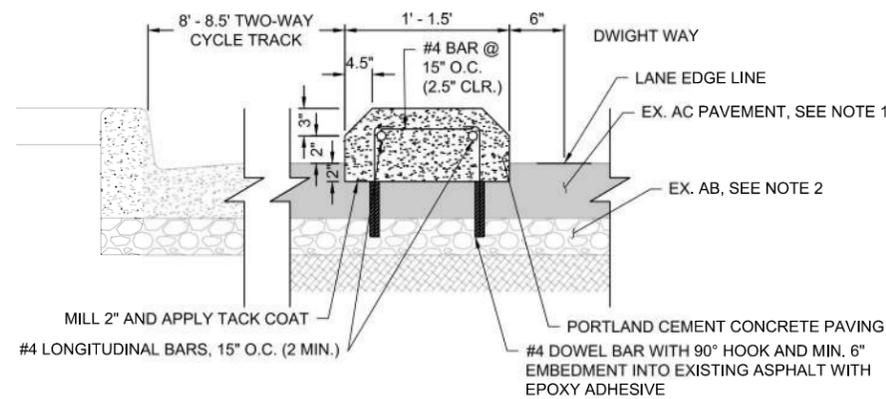
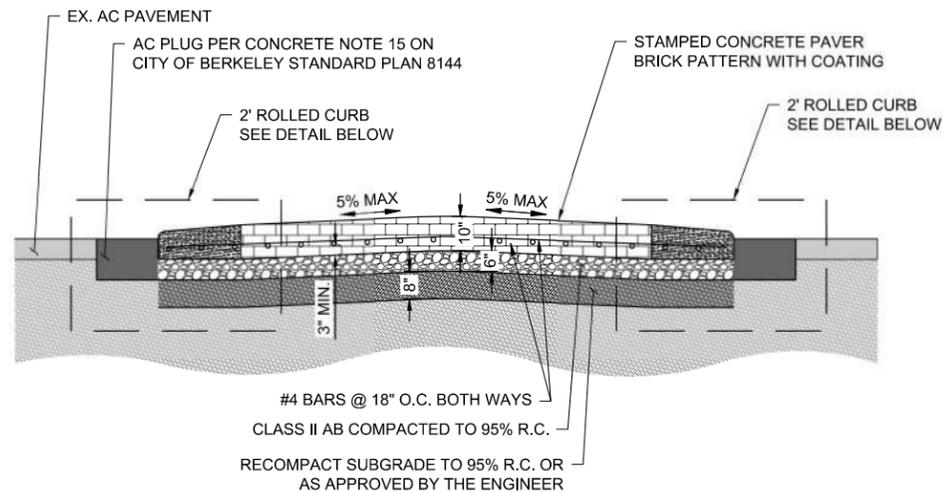


- NOTES:**
1. ALIGN FRONT OF VERTICAL, TRANSITION, AND ROLLED CURB PARALLEL TO FLOW LINE.
 2. BOTH SIDERS OF ROLLED CURB TO MATCH EXISTING.



11 VERTICAL TO ROLLED CURB TRANSITION

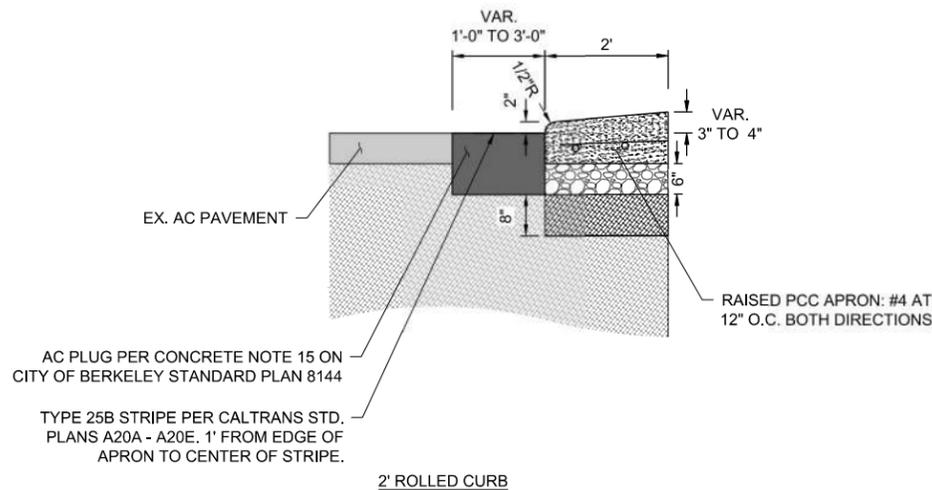
NTS



- NOTES:**
1. EX. AC PAVEMENT SHALL BE CLEANED AND CLEAR OF ANY VEGETATION OR DEBRIS AS APPROVED BY THE ENGINEER.
 2. EX. BASE ROCK TO REMAIN.
 3. INSTALL REBAR AT 2.5" MIN. CLEAR FROM TOP EDGE OF CONCRETE. INSTALL TWO (2) AS INDICATED AT 3' O.C.
 4. INSTALL CONTROL JOINTS AT 5' O.C. AND EXPANSION JOINTS AT 10' O.C. PER DETAIL 21 AND 22 RESPECTIVELY, ON SHEET CD-07.
 5. ROUND OFF ENDS AS SHOWN ON PLANS.

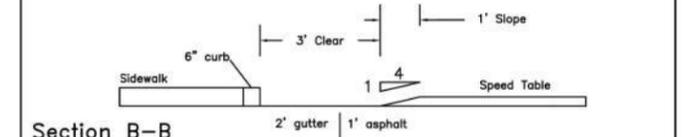
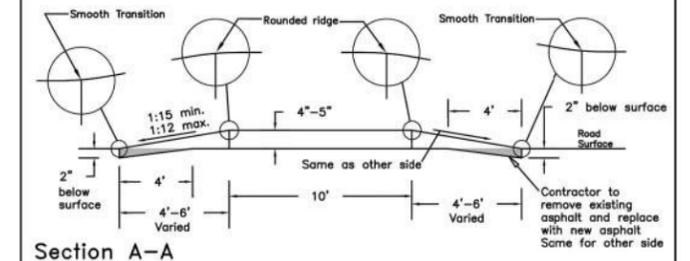
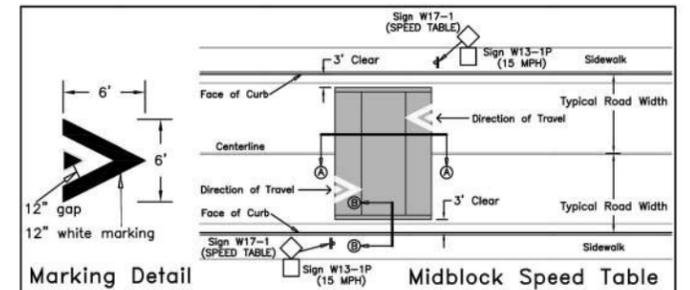
10 A-A CAST-IN-PLACE CONCRETE ISLAND

NTS



12 MOUNTABLE TRAFFIC CIRCLE

NTS



- General Notes:**
1. Speed tables shall not be placed over manholes, water gates, etc.
 2. Edge of speed table shall be at least 4' away from edge of driveway.
 3. Whenever possible speed table should be placed at extension of property lines instead of mid lot.
 4. Whenever possible speed table should be placed adjacent to street lights.
 5. All markings and signs shall be reflective.

DESIGN: HM	DATE: 11/2021	PLAN: 8208	CITY OF BERKELEY
DRAWN: ZT	SCALE: N.T.S.	FILE: 208-171	DEPARTMENT OF PUBLIC WORKS
CHECK: HM			STANDARD DETAIL
APPROVED: <i>Hamid Mostoufi</i>	DATE: 11/17/2021		MIDBLOCK SPEED TABLE
CITY TRAFFIC ENGINEER			

13 CITY OF BERKELEY SPEED TABLE

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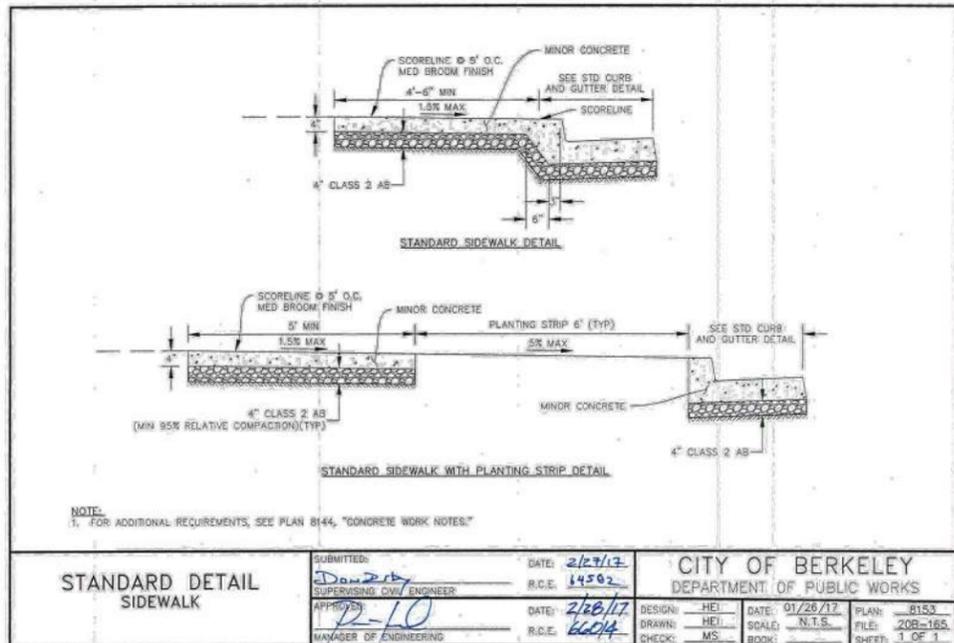


PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS	DATE	SUBMITTED	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER	EXP.	DRAWN	EK	VERT.	
		WATERSHED REVIEW	DATE	APPROVED:	DATE	CHECK	SS	BOOK	
				MANAGER OF ENGINEERING	EXP.	AS BUILT		DATE	9/5/2024

CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY CIVIL DETAILS

PLAN 8282
FILE 503-639
CD-05
SHEET 13 OF 27

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NOTE:
1. FOR ADDITIONAL REQUIREMENTS, SEE PLAN 8144, "CONCRETE WORK NOTES."

STANDARD DETAIL
SIDEWALK

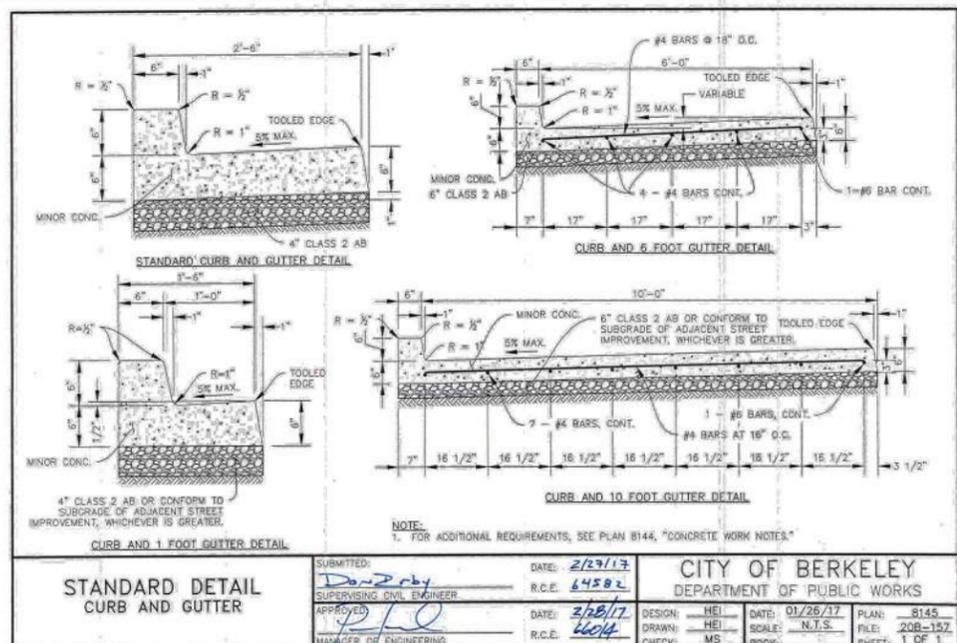
SUBMITTED: <i>Don Raby</i> DATE: 2/27/17		CITY OF BERKELEY	
SUPERVISING CIVIL ENGINEER R.C.E. 64502		DEPARTMENT OF PUBLIC WORKS	
APPROVED: <i>R. T. O.</i> DATE: 2/28/17	DESIGN: HEI DATE: 01/26/17	PLAN: 8153	
MANAGER OF ENGINEERING R.C.E. 66014	DRAWN: HEI SCALE: N.T.S.	FILE: 208-165	
	CHECK: MS BOOK: 1	SHEET: 1 OF 1	

14 CITY OF BERKELEY STANDARD SIDEWALK
NTS

- GENERAL NOTES FOR CONCRETE FLAT WORK
- CURB RAMPS SHALL CONFORM TO THE LATEST EDITION AND REVISED STANDARD PLAN (RSP) OF THE (CALIFORNIA DEPARTMENT OF TRANSPORTATION) STANDARD SPECIFICATIONS AND STANDARD PLAN AB8A AND AB8B.
 - PORTLAND CEMENT CONCRETE FOR SIDEWALK, CURB, DRIVEWAY, GUTTER AND VALLEY GUTTER SHALL BE MINOR CONCRETE CONFORMING TO THE REQUIREMENTS OF SECTION 90-2 "MINOR CONCRETE" OF THE (CALIFORNIA DEPARTMENT OF TRANSPORTATION) STANDARD SPECIFICATIONS. NO BAGGED MIX IS PERMITTED.
 - BUS PAD CONCRETE SHALL BE DESIGNED WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AND SHALL BE SAMPLED (3 CYLINDERS REQ'D) AND TESTED.
 - EXISTING SUBGRADE SURFACE SHALL BE RE-GRADED (IF NECESSARY) AND RE-COMPACTED (MIN 95% RELATIVE COMPACTION) TO CONFORM TO THE GRADES SHOWN ON THE PLANS.
 - NEW CONCRETE WORK SHALL MATCH EXISTING IN FINISH, SCORE PATTERN, AND COLOR, OR AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
 - a) ROSE-COLORED CONCRETE SHALL CONTAIN 6 POUNDS OF DAVIS #160 (ROSE) PER CUBIC YARD.
 - b) ALL OTHER CONCRETE SHALL CONTAIN 1.5 POUND OF LAMPBLACK PER CUBIC YARD.
 - NO ADMIXTURES SHALL BE USED WITHOUT APPROVAL OF THE ENGINEER.
 - CURBS, SIDEWALKS, DRIVEWAYS, AND CURB RAMPS SHALL HAVE FORMS REMOVED AND BE BACKFILLED WITHIN 3 DAYS AFTER PLACING CONCRETE. CONCRETE SHALL BE ALLOWED TO CURE FOR AT LEAST 48 HOURS PRIOR TO BACKFILLING.
 - MAXIMUM SLUMP OF FRESH CONCRETE PERMITTED IN THESE ITEMS SHALL BE 4 INCHES. SLUMP SHALL BE DETERMINED BY EITHER ASTM C-143 OR CALIFORNIA TEST METHOD NO. 520 AT THE ENGINEER'S DISCRETION. CONCRETE SHALL BE TRANSPORTED IN TRUCK MIXERS OR AGITATORS AND DISCHARGED WITHIN 70 MINUTES OF LEAVING THE PLANT.
 - WEAKENED PLANE JOINTS AT LEAST 1-1/2 INCHES DEEP AND 1/8 INCHES WIDE SHALL BE PLACED AT 10 FEET MAXIMUM SPACING.
 - EXPANSION JOINT FILLER FOR CONCRETE (BITUMINOUS TYPE) MUST BE IN COMPLIANCE WITH ASTM D 994.
 - ALL NEW CURB, SIDEWALK, VALLEY GUTTER AND DRIVEWAYS CONSTRUCTED ADJACENT TO EXISTING CONCRETE CURB OR SIDEWALK SHALL BE DOWELED TO THE EXISTING CONCRETE. THE DOWELS SHALL BE #4 REBAR, 18 INCHES LONG AT 18 INCHES MAXIMUM SPACING. DOWELS SHALL BE EMBEDDED A MINIMUM OF 3-INCHES IN A 5/8 INCH DRILLED HOLE (EXIST. CONC.).
 - SIDEWALK SHALL BE CONSTRUCTED WITH EXPANSION JOINTS AT EACH BEGINNING OF CURVE (BC) AND END OF CURVE (EC).
 - CURB AND GUTTER, SIDEWALKS AND DRIVEWAYS SHALL BE GIVEN A MEDIAN BROOM FINISH. THE SURFACE SHALL FIRST BE GIVEN A FLOATED FINISH AND FINAL TROWELING SHALL BE DONE WITH A STEEL TROWEL. THE FINISHED SURFACE SHALL BE FREE OF ALL TROWEL MARKS AND SHALL BE UNIFORM IN TEXTURE AND APPEARANCE. BROOM TEXTURE SHALL BE IN THE LONGITUDINAL DIRECTION.
 - CLASS 2 AGGREGATE BASE (CL 2 AB) SHALL CONFORM TO THE CALTRANS STANDARD SPECIFICATIONS (LATEST EDITION) AND SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% RELATIVE COMPACTION.
 - EXISTING ASPHALT CONCRETE SHALL BE SAWCUT, REMOVED AND RECONSTRUCTED FOR A MINIMUM OF 2-FEET WITHIN EDGES OF CONCRETE WORK. HOT MIX ASPHALT SHALL BE A MINIMUM THICKNESS OF 8" AND CL 2 AB SHALL MATCH EXISTING THICKNESS. AS APPROVED BY THE CITY ENGINEER. SEE PLAN 8148 "CURB AND GUTTER RETROFIT" FOR ADDITIONAL REQUIREMENTS.

CITY OF BERKELEY		STANDARD DETAIL	
DEPARTMENT OF PUBLIC WORKS		CONCRETE WORK NOTES	
SUBMITTED: <i>Don Raby</i> DATE: 2/27/17		DESIGN: HEI DATE: 01/26/17	PLAN: 8144
SUPERVISING CIVIL ENGINEER R.C.E. 64502		DRAWN: HEI SCALE: N.T.S.	FILE: 208-156
APPROVED: <i>R. T. O.</i> DATE: 2/28/17	CHECK: MS BOOK: 1	SHEET: 1 OF 1	
MANAGER OF ENGINEERING R.C.E. 66014			

15 CITY OF BERKELEY CONCRETE WORK NOTES
NTS

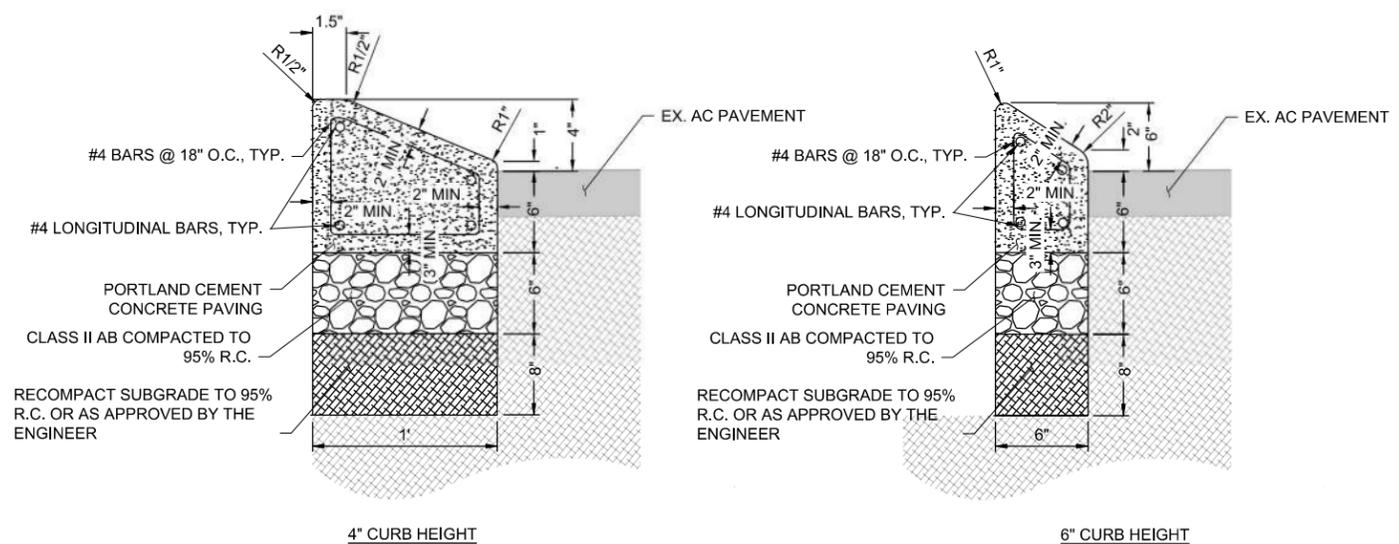


NOTE:
1. FOR ADDITIONAL REQUIREMENTS, SEE PLAN 8144, "CONCRETE WORK NOTES."

STANDARD DETAIL
CURB AND GUTTER

SUBMITTED: <i>Don Raby</i> DATE: 2/27/17		CITY OF BERKELEY	
SUPERVISING CIVIL ENGINEER R.C.E. 64502		DEPARTMENT OF PUBLIC WORKS	
APPROVED: <i>R. T. O.</i> DATE: 2/28/17	DESIGN: HEI DATE: 01/26/17	PLAN: 8145	
MANAGER OF ENGINEERING R.C.E. 66014	DRAWN: HEI SCALE: N.T.S.	FILE: 208-157	
	CHECK: MS BOOK: 1	SHEET: 1 OF 1	

16 CITY OF BERKELEY STANDARD CURB AND GUTTER
NTS



- NOTES:
- TO BE USED ONLY WITH SPECIAL PERMISSION FROM THE CITY ENGINEER.
 - FOR ADDITIONAL REQUIREMENTS, SEE CITY OF BERKELEY PLAN 8144, "CONCRETE WORK NOTES."

17 MODIFIED ROLLED CURB (4" AND 6" CURB HEIGHT)
NTS



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PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS	DATE	SUBMITTED:	DATE	DESIGN:	REGISTR.	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER		DRAWN:	EXP.	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK:	AS BUILT	BOOK	
				MANAGER OF ENGINEERING	EXP.	AS BUILT		DATE	9/5/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
CIVIL DETAILS

PLAN	8282
FILE	503-639
CD	06
SHEET	14 OF 27

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NOTES:
 1. REFER TO GENERAL NOTES FOR CONCRETE WORK.
 2. RESIDENTIAL DRIVEWAYS SHALL BE 6 INCHES THICK PORTLAND CEMENT CONCRETE (PCC). COMMERCIAL AND INDUSTRIAL DRIVEWAYS SHALL BE 8 INCHES THICK REINFORCED CONCRETE. REINFORCEMENT SHALL BE 5/8" WELDED WIRE FABRIC, #10 GAUGE MESH OR #4 BARS AT 18 INCH O.C. EACH WAY. THE REQUIRED STRUCTURAL SECTION FOR ANY DRIVEWAY SHALL BE CONTIGUOUS FROM THE CURB TO THE BODY OF SIDEWALK.
 3. DEPTH OF GUTTER FLOWS SHALL BE CALCULATED AND COMPARED TO PROPOSED SIDEWALK ELEVATIONS DURING DESIGN TO ENSURE GUTTER FLOWS ARE CONTAINED AND RUNOFF WITHIN THE PUBLIC RIGHT OF WAY DOES NOT DRAIN ONTO PRIVATE PROPERTY.
 4. RETAINING CURBS AND DRIVEWAY CONFORMS AS REQUIRED.
 5. FOR ADDITIONAL REQUIREMENTS, SEE PLAN B-44, "CONCRETE WORK NOTES."

Dimension	Commercial & Industrial	Residential
Y	5' MIN	2' MIN
W	12' MIN	8' MIN

STANDARD DETAIL DRIVEWAY

SUBMITTED: <i>[Signature]</i> DATE: 2/23/17	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS
SUPERVISING CIVIL ENGINEER R.C.E. 64582	
DESIGN: HEL DATE: 01/26/17	PLAN: 8151
DRAWN: HEL DATE: 2/28/17	FILE: 20B-163
CHECK: MS DATE: 6/04	BOOK: SHEET: 1 OF 1

18 CITY OF BERKELEY STANDARD DRIVEWAY NTS

NOTES:
 1. BRASS MARKER SHALL BE SURVY-KAP INC. MODEL M/A-82D OR EQUIV., AND SHALL BE FURNISHED BY THE CITY.
 2. CONCRETE SHALL BE CHAMFERED SO ALL IS BELOW THE DISC.
 3. IF CONSTRUCTION INVOLVES REPLACEMENT OF NON-STANDARD BOXES, THE EXISTING LID SHALL BE SALVAGED AND RETURNED TO THE COB CORPORATION YARD.

PROFESSIONAL ENGINEER
 NUSHA A. PATEL
 CIVIL
 STATE OF CALIFORNIA
 C72491

PROFESSIONAL ENGINEER
 SEAN R. ROBERTS
 CIVIL
 STATE OF CALIFORNIA
 064314
 EXP. 06/30/17

NOTE: This Drawing Supersedes COR Plan 7987, File: 20-B-150 9/0-12/200	DATE: 11/2010
DOMES BRASS MARKER TO BE FURNISHED BY THE CITY	DATE: 12/2013
REVISED DETAIL TO INCLUDE NEW STANDARD CHRISTY G05CT BOX & LID	DATE: 12/2015
UPDATE STANDARD SETTING AND REVISED TITLE BLOCK	DATE: 11/2017
REVISED STANDARD SETTING TO FULL CONCRETE COLLAR FLUSH W/EX. GRADE	

DESIGN: MCT DATE: 11/2017 PLAN: 8090	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL
DRAWN: MCT DATE: 11/2017	
CHECK: NAP SCALE: N.T.S. FILE: 20-B-153	
APPROVED: <i>[Signature]</i> DATE: 11-17-17	STANDARD CITY MONUMENT
CITY ENGINEER	

19 CITY OF BERKELEY STANDARD CITY MONUMENT NTS

NOTES:
 1. IF CONSTRUCTION INVOLVES REPLACEMENT OF NON-STANDARD CASINGS, THE EXISTING LID SHALL BE SALVAGED AND RETURNED TO THE COB CORPORATION YARD.

NOTE: This Drawing Supersedes COR Plan 7987, File: 20-B-150 9/0-12/200	DATE: 11/2010
DOMES BRASS MARKER TO BE FURNISHED BY THE CITY	DATE: 12/2013
REVISED DETAIL TO INCLUDE NEW STANDARD CHRISTY G05CT BOX & LID	DATE: 12/2015
UPDATE STANDARD SETTING AND REVISED TITLE BLOCK	DATE: 12/2015

DESIGN: EC/MCT DATE: 12/2015 PLAN: 8091	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL
DRAWN: EC/MCT DATE: 12/2015	
CHECK: SRR SCALE: N.T.S. FILE: 20-B-154	
APPROVED: <i>[Signature]</i> DATE: 1-23-16	CITY MONUMENT REHAB IN NEW SIDEWALK OR DRIVEWAY
CITY ENGINEER	

23 CITY OF BERKELEY CITY MONUMENT INSTALLATION IN NEW SIDEWALK OR DRIVEWAY NTS

NOTES:
 1. ALL TREAD SURFACES SHALL BE SLIP RESISTANT.

PROVIDE EXPANSION JOINT WHERE ADJACENT TO STRUCTURE OR 1" MAX HEIGHT TO ADJACENT LANDSCAPE

PER PLAN

PORTLAND CEMENT CONCRETE PAVING

CLASS II AB

#4 BARS @ 18" O.C. BOTH WAYS

RECOMPACT SUBGRADE TO 95% R.C. OR AS APPROVED BY THE ENGINEER

20 TRAFFIC RATED CONCRETE SIDEWALK NTS

NOTES:
 1. CONTROL JOINTS SHALL BE CONSTRUCTED AT 5' ON CENTER.
 2. CONSTRUCT SAWCUT CONTROL JOINTS WITHIN 24 HOURS OF POUR.
 3. SEE LAYOUT PLANS FOR LOCATION OF CONTROL JOINTS.

CONTROL JOINT FOR PEDESTRIAN AND TRAFFIC RATED CONCRETE PAVEMENT

1/4" MAX. SAWCUT

1/4" DEPTH

PORTLAND CEMENT CONCRETE PAVING

PER CONC. DETAIL

21 CONTROL JOINT FOR PEDESTRIAN AND TRAFFIC RATED CONCRETE PAVEMENT NTS

NOTES:
 1. ALL SURFACE STRUCTURES EXTENDING 2" ABOVE THE NEW SUBGRADE OR MILLING PLANE SHALL BE LOWERED BY CONTRACTOR OR UTILITY OWNER TO THE NEW SUBGRADE BEFORE PAVING. STRUCTURES PROJECTING LESS THAN 2" ABOVE THE SUBGRADE MAY BE PAVED OVER AND LATER ADJUSTED TO GRADE.
 2. ADJUST FRAME AND COVER TO FINISHED GRADE AFTER FINAL LIFT OF PAVING.
 3. TRAFFIC CONTROL APPROVAL IS REQUIRED PRIOR TO ANY TRAFFIC LANE OBSTRUCTION.
 4. PLACE TEMPORARY AG (GUT BACK) AROUND UTILITY FRAME UNTIL PERMANENT PAVING IS IN PLACE.
 5. CAST-IN-PLACE CONCRETE COLLARS SHALL CONFORM TO STANDARD SPECIFICATIONS (GREENBOOK) SECTION 201-1.1.2 AND BE CLASS 560-B-3250.

DESIGN: TP DATE: 5/23 PLAN: 8193	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL
DRAWN: LG DATE: 5/23	
CHECK: KE SCALE: N.T.S. FILE: 20B-169	
APPROVED: <i>[Signature]</i> DATE: 5-23-18	MANHOLE FRAME & COVER ADJUSTMENT
CITY ENGINEER	

24 CITY OF BERKELEY MANHOLE COVER ADJUSTMENT NTS

NOTES:
 1. EXPANSION JOINTS TO BE INSTALLED AT 10' ON CENTER.
 2. PROVIDE DOWEL CAP IN NEW CONCRETE END TO ALLOW MOVEMENT IN JOINT.

EXPANSION JOINT FOR PEDESTRIAN AND TRAFFIC RATED CONCRETE PAVEMENT

PORTLAND CEMENT CONCRETE PAVING

ELASTOMERIC JOINT SEALER

1/4" ASPHALTIC STRIP

±[1/2] DEPTH

PER CONC. DETAIL

FOR TRAFFIC RATED CONCRETE USE #4 X 18" LONG SMOOTH DOWEL @ 18" O.C., EMBED 8" MIN. INTO EX. CONC. AT CONFORM

22 EXPANSION JOINT FOR PEDESTRIAN AND TRAFFIC RATED CONCRETE PAVEMENT NTS



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PROFESSIONAL ENGINEER
 SEAN R. ROBERTS
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PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS	DATE	SUBMITTED:	DATE	DESIGN:	EK	HORIZ.:	
0	1	SURVEY PARTY CHIEF		SUPERVISING ENGINEER	REGISTR.:	DRAWN:	EK	VERT.:	
2	3	WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK:	AH	BOOK:	
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES				MANAGER OF ENGINEERING	EXP.	AS BUILT:		DATE:	9/5/2024

PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS	DATE	SUBMITTED:	DATE	DESIGN:	EK	HORIZ.:	
0	1	SURVEY PARTY CHIEF		SUPERVISING ENGINEER	REGISTR.:	DRAWN:	EK	VERT.:	
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FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES				MANAGER OF ENGINEERING	EXP.	AS BUILT:		DATE:	9/5/2024

CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS

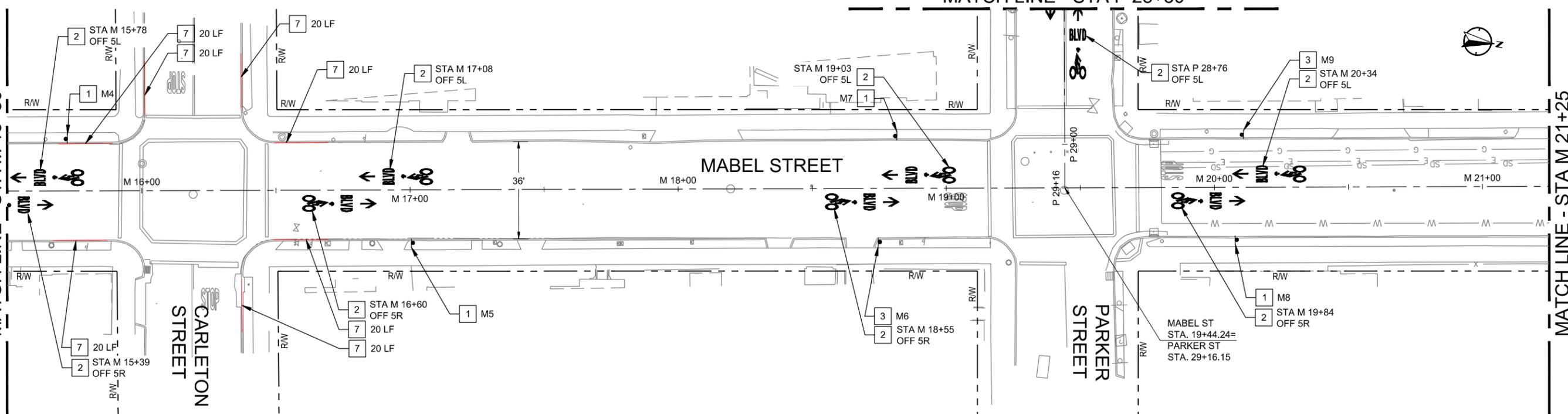
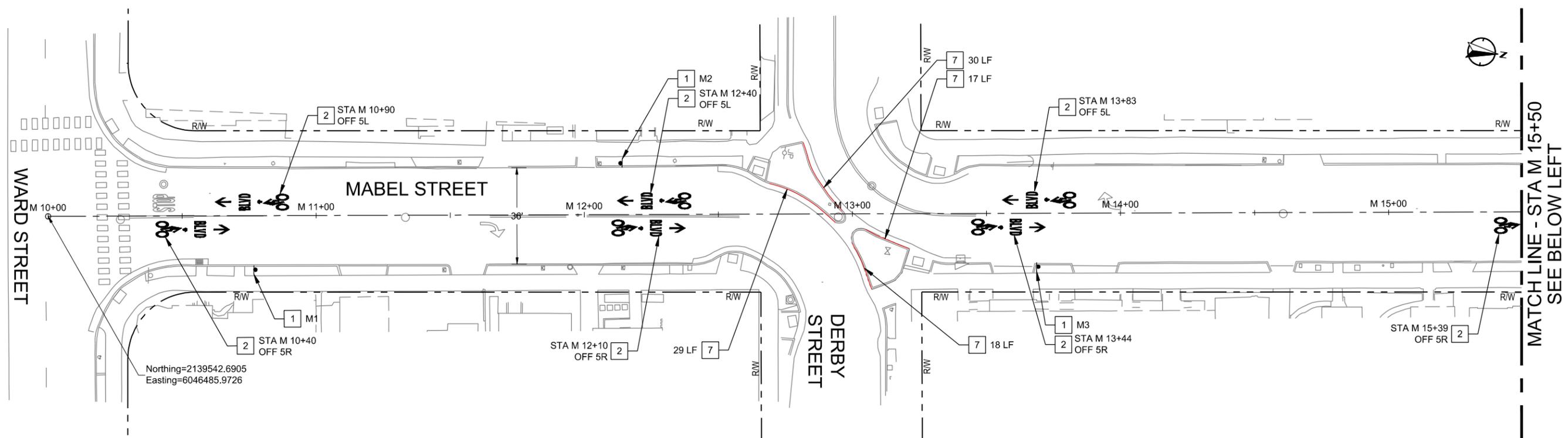
PARKER ST. TO ADDISON ST. BIKEWAY CIVIL DETAILS

FILE 503-639 CD-07

SHEET 15 OF 27

APPROVAL	
DESCRIPTION	
DATE	
MARK	
REVISION	

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STRIPING NOTES:

- 1 FURNISH AND INSTALL TYPE 1A SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-03 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
- 2 INSTALL BICYCLE BOULEVARD MARKING PER DETAIL 1, SHEET D-01.

- 3 FURNISH AND INSTALL TYPE 1C SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-04 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
- 7 INSTALL RED CURB PAINT ON EXISTING CURB, LENGTH PER PLANS.

GENERAL NOTES:

- 1. FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
- 2. FOR LAYOUT SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
- 3. ALL NEW SIGNS INSTALLED PER DETAIL 14, SHEET D-03.



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER	REGISTR.	DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	EXP.	CHECK	AH	BOOK	
				MANAGER OF ENGINEERING	DATE	AS BUILT			9/5/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING PLANS



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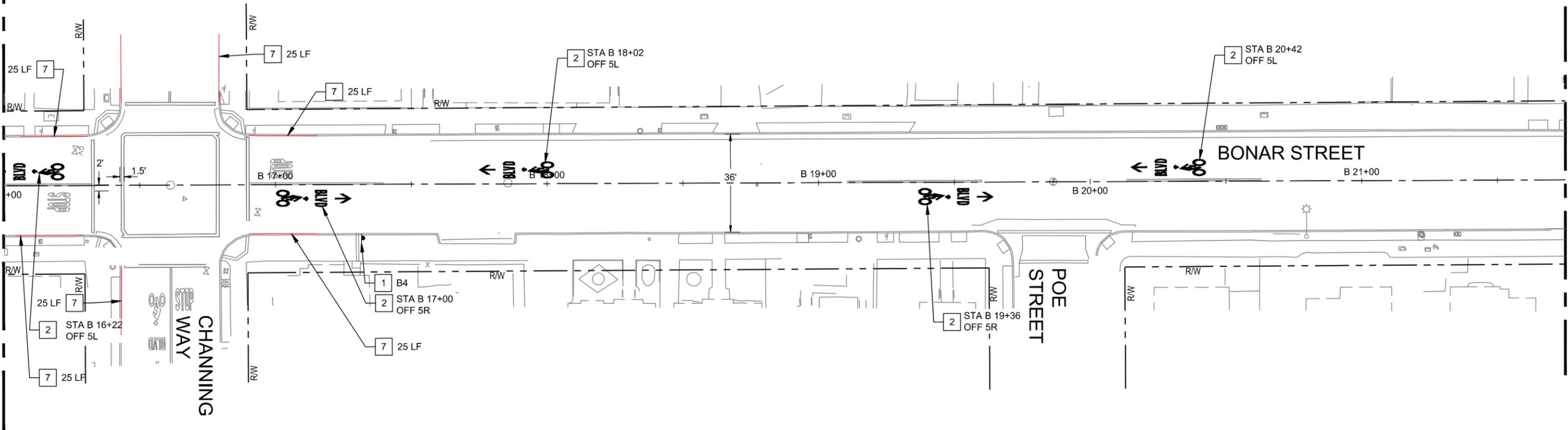
REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
SSP-01
SHEET 16 OF 27

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SEE SHEET SSP-02

MATCH LINE - STA B 16+00

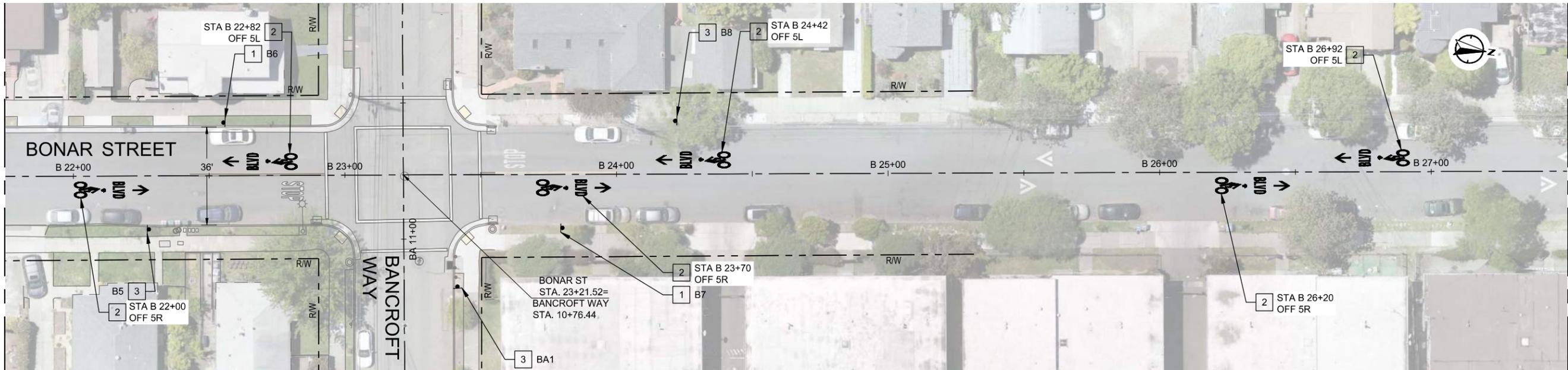


MATCH LINE - STA B 21+75

SEE BELOW LEFT

SEE ABOVE RIGHT

MATCH LINE - STA B 21+75



MATCH LINE - STA B 27+50

SEE SHEET SSP-04

MATCH LINE - STA BA 11+50
SEE SHEET SSP-05

STRIPING NOTES:

- 1 FURNISH AND INSTALL TYPE 1A SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-03 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
- 2 INSTALL BICYCLE BOULEVARD MARKING PER DETAIL 1, SHEET D-01.

- 3 FURNISH AND INSTALL TYPE 1C SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-04 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
- 7 INSTALL RED CURB PAINT ON EXISTING CURB, LENGTH PER PLANS.

GENERAL NOTES:

- 1. FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
- 2. FOR LAYOUT SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
- 3. ALL NEW SIGNS INSTALLED PER DETAIL 14, SHEET D-03.



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				MANAGER OF ENGINEERING	R.C.E.	AS BUILT		DATE	9/5/2024

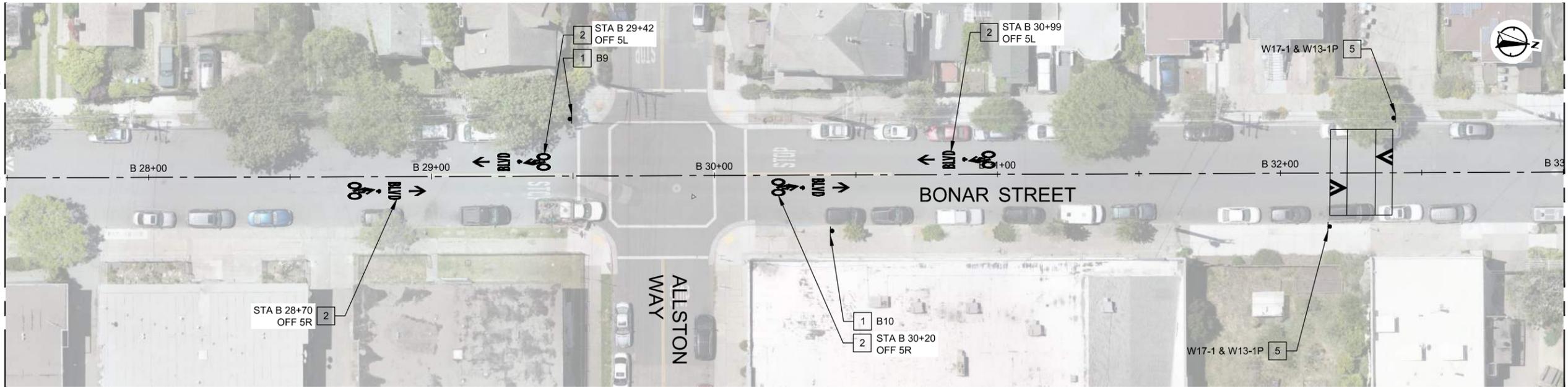
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REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
SSP-03
SHEET 18 OF 27

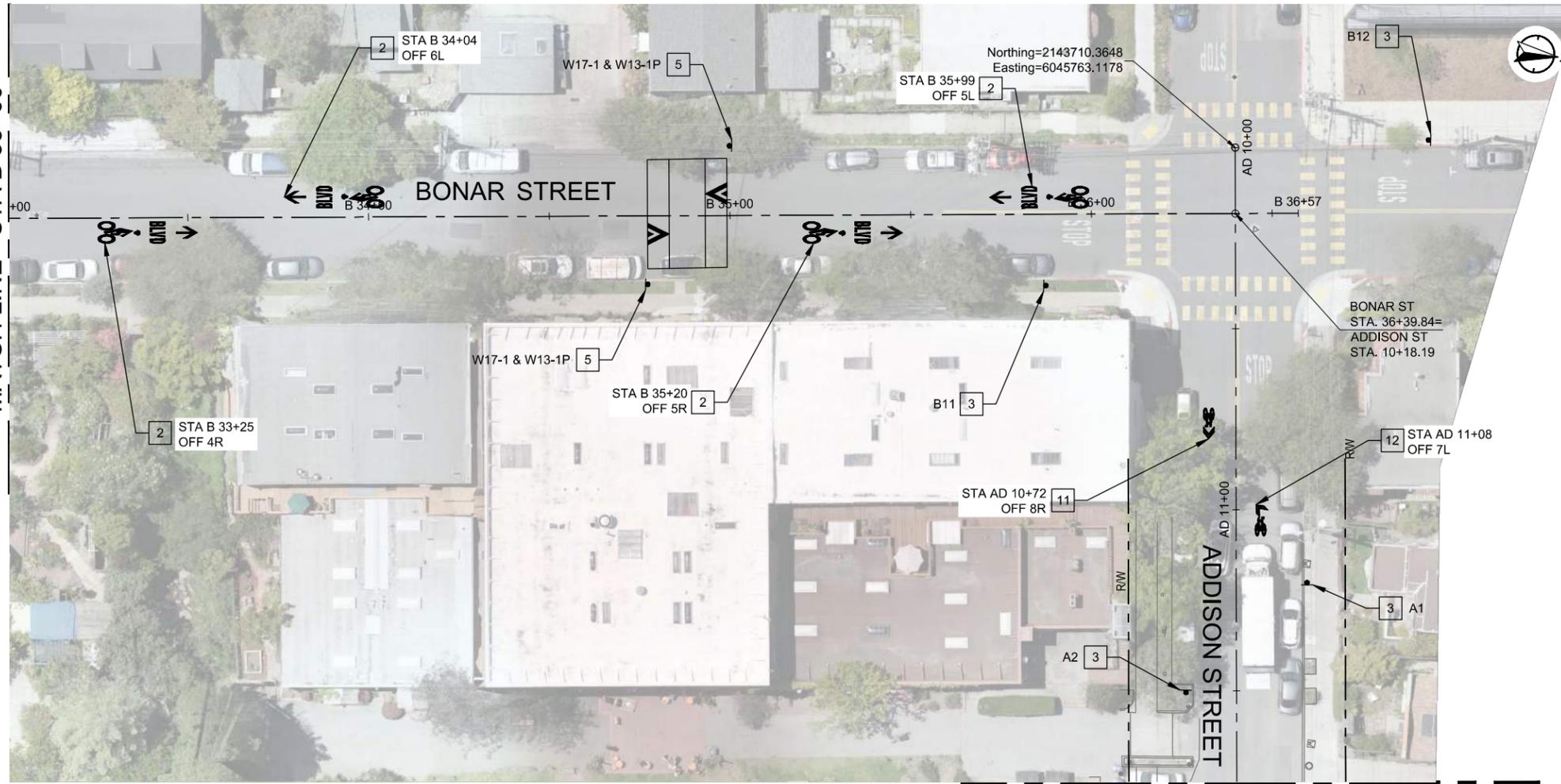
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SEE SHEET SSP-03
MATCH LINE - STA B 27+50



MATCH LINE - STA B 33+00
SEE BELOW LEFT

SEE ABOVE RIGHT
MATCH LINE - STA B 33+00



MATCH LINE - STA AD 11+75
SEE SHEET SSP-06

STRIPING NOTES:

- 1 FURNISH AND INSTALL TYPE 1A SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-03 FOR MORE INFORMATION SIGN REFERENCE NUMBER AS SHOWN.
- 2 INSTALL BICYCLE BOULEVARD MARKING PER DETAIL 1, SHEET D-01.
- 3 FURNISH AND INSTALL TYPE 1C SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-04 FOR MORE INFORMATION SIGN REFERENCE NUMBER AS SHOWN.
- 5 FURNISH AND INSTALL NEW SIGN PER MUTCD STANDARDS, DETAIL 14, SHEET D-03.
- 11 INSTALL SHARED LANE MARKING PER DETAIL 6, SHEET D-01.
- 12 INSTALL TURNING SHARED LANE MARKING PER DETAIL 7, SHEET D-01.

GENERAL NOTES:

- 1. FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
- 2. FOR LAYOUT SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
- 3. ALL NEW SIGNS INSTALLED PER DETAIL 14, SHEET D-03.



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS	DATE	SUBMITTED	DATE	DESIGN	EK	HORIZ.	
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DATE	DATE	DATE	DATE

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DESIGN	EK	HORIZ.	
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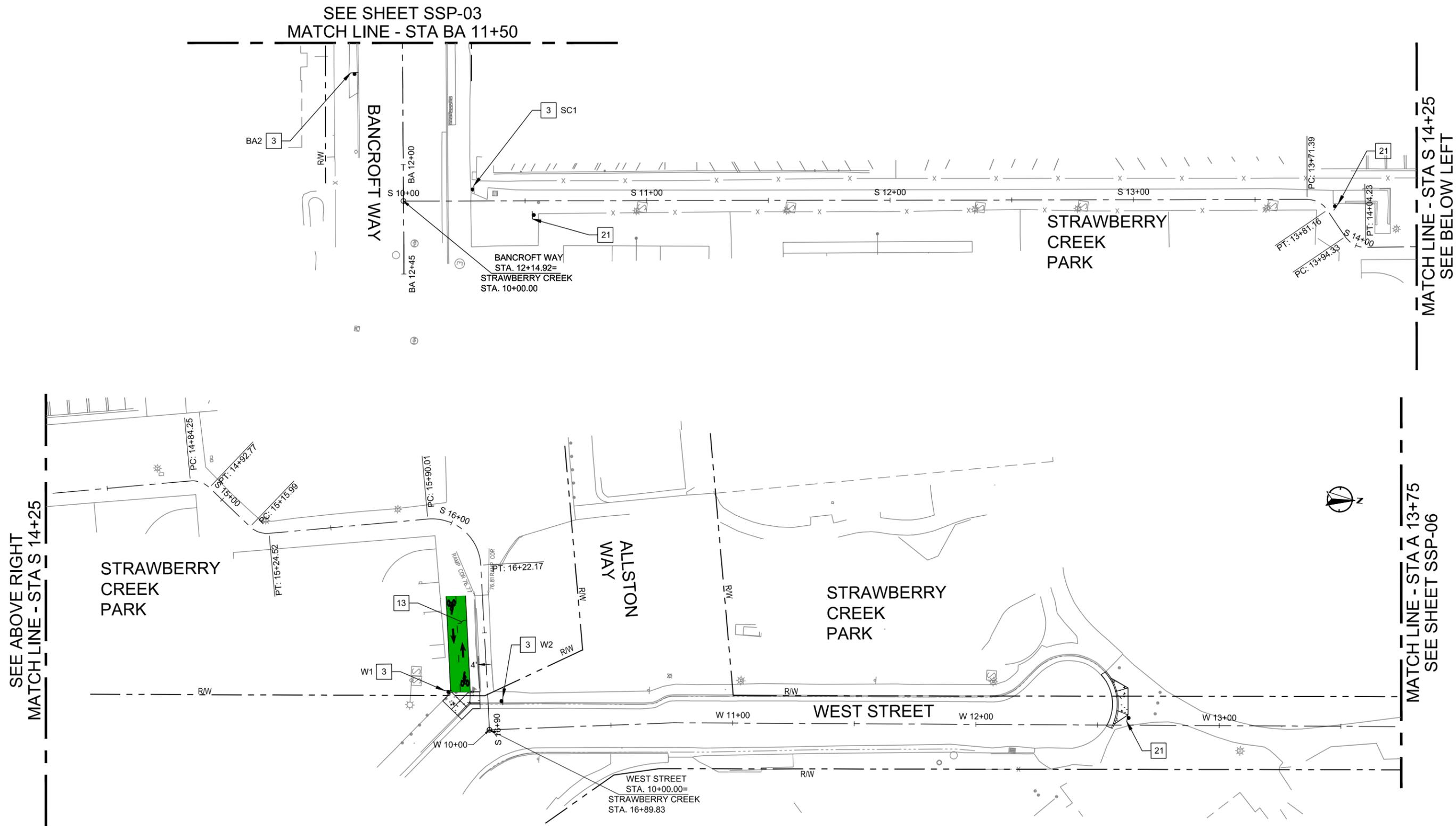
CITY OF BERKELEY	PARKER ST. TO ADDISON ST. BIKEWAY	PLAN 8282
DEPARTMENT OF PUBLIC WORKS	SIGNING & STRIPING PLANS	FILE 503-639
		SSP-04
		SHEET 19 OF 27



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REVISION	MARK	DATE	DESCRIPTION	APPROVAL

N:\Shared\PROJECTS\2022\00-2022-025 berkeley, ca parker to addison bikeway\CAD\01_Plans\2022-025_C-SPM.dwg [20 SSP-05] 9-05-24 12:55:42 PM emmakatz



SEE ABOVE RIGHT
MATCH LINE - STA S 14+25

MATCH LINE - STA A 13+75
SEE SHEET SSP-06

MATCH LINE - STA S 14+25
SEE BELOW LEFT

STRIPING NOTES:

- 3 FURNISH AND INSTALL TYPE 1C SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-04 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
- 13 INSTALL GREEN PAINT WITH BIKE SYMBOLS PER DETAIL 8, SHEET D-01.
- 21 FURNISH AND INSTALL "PEDESTRIAN TRAFFIC" WARNING SIGN PER DETAIL 11, SHEET D-02.

GENERAL NOTES:

1. FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
2. FOR LAYOUT SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
3. ALL NEW SIGNS INSTALLED PER DETAIL 14, SHEET D-03.

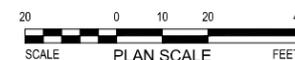


PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE
0	1	SURVEY PARTY CHIEF	DATE
2	3	WATERSHED REVIEW:	DATE
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES			

SUBMITTED:	DATE
SUPERVISING ENGINEER	REGISTR. EXP.
APPROVED:	DATE
MANAGER OF ENGINEERING	R.C.E. EXP.

DESIGN	EK
DRAWN	EK
CHECK	AH
AS BUILT	

HORIZ.	
VERT.	
BOOK	
DATE	9/5/2024



CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING PLANS

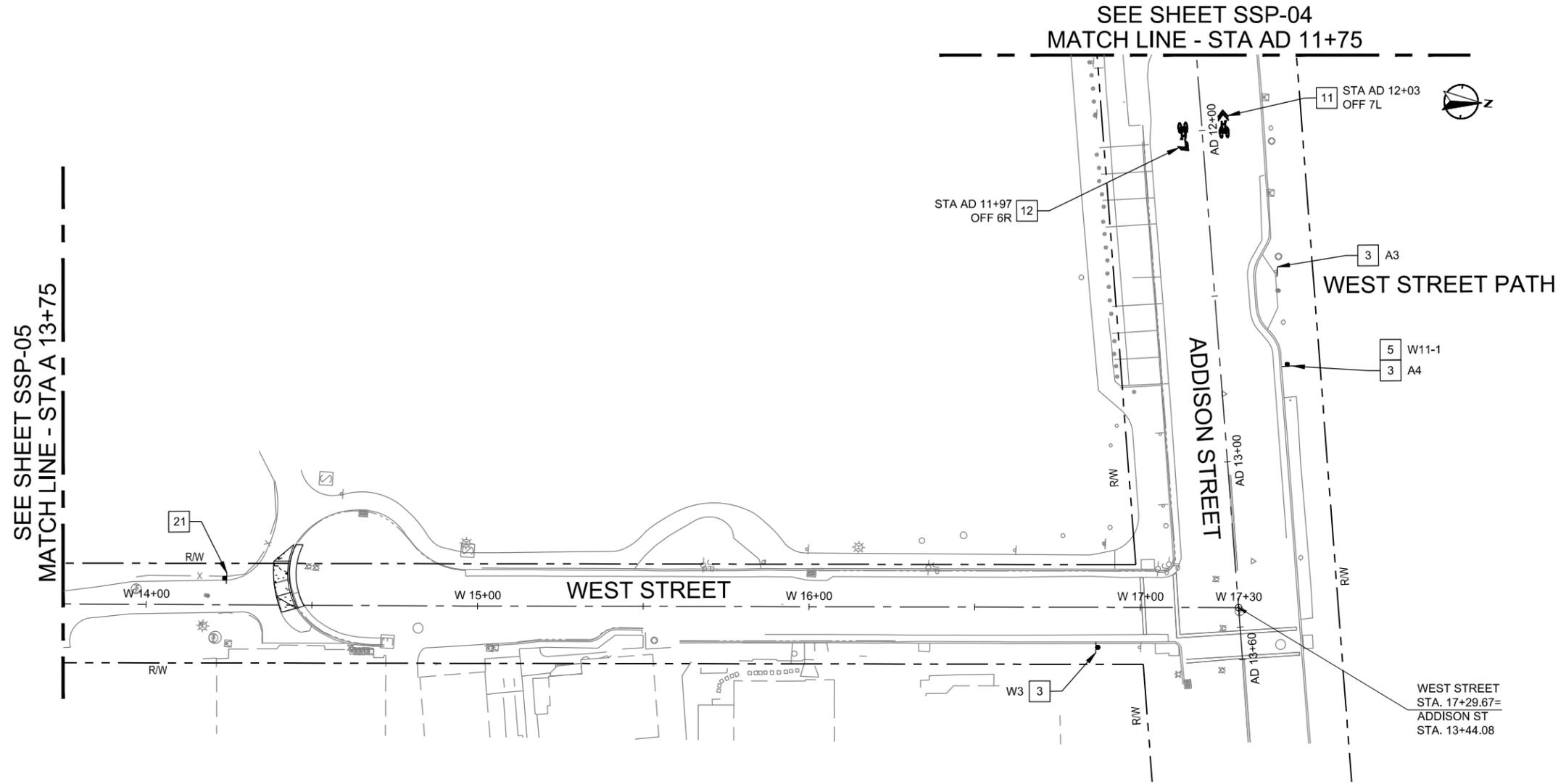


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REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
SSP-05
SHEET 20 OF 27

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STRIPING NOTES:

- 3 FURNISH AND INSTALL TYPE 1C SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-04 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
- 5 FURNISH AND INSTALL NEW SIGN PER MUTCD STANDARDS, DETAIL 14, SHEET D-03.
- 11 INSTALL SHARED LANE MARKING PER DETAIL 6, SHEET D-01.
- 12 INSTALL TURNING SHARED LANE MARKING PER DETAIL 7, SHEET D-01.
- 21 FURNISH AND INSTALL "PEDESTRIAN TRAFFIC" WARNING SIGN PER DETAIL 11, SHEET D-02.

GENERAL NOTES:

- 1. FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
- 2. FOR LAYOUT SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
- 3. ALL NEW SIGNS INSTALLED PER DETAIL 14, SHEET D-03.



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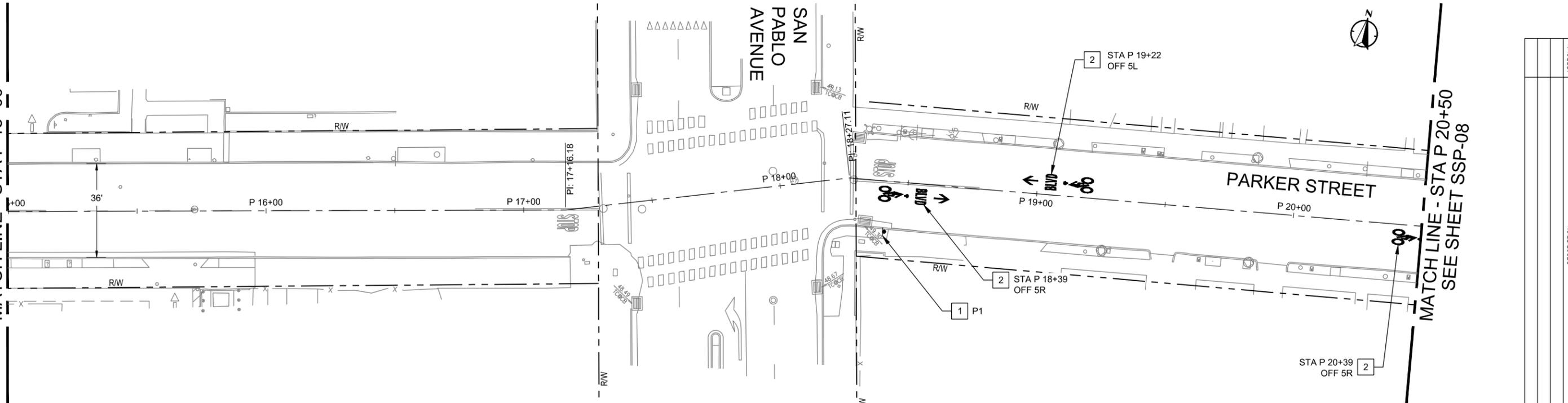
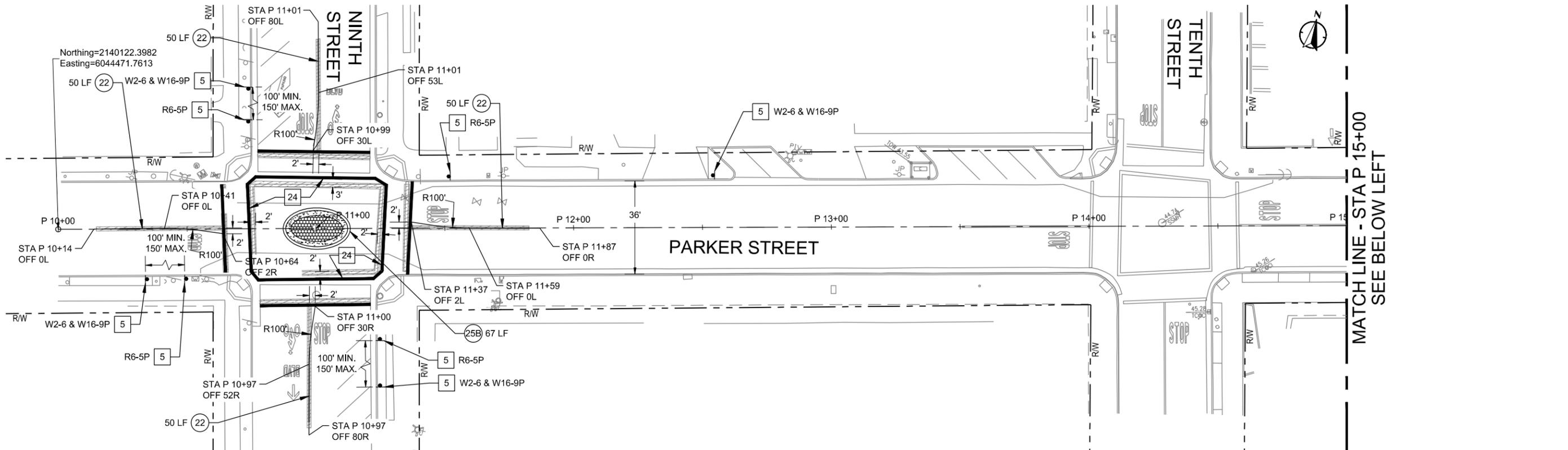
PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER	REGISTR.	DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK	AH	BOOK	
				MANAGER OF ENGINEERING	DATE	AS BUILT			9/5/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING PLANS

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
SSP-06
SHEET 21 OF 27

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SEE ABOVE RIGHT
MATCH LINE - STA P 15+00

MATCH LINE - STA P 15+00
SEE BELOW LEFT

MATCH LINE - STA P 20+50
SEE SHEET SSP-08

- STRIPING NOTES:**
- (XX) INSTALL STRIPING DETAIL NUMBER PER CALTRANS STD. PLANS A20A - A20E.
 - 1 FURNISH AND INSTALL TYPE 1A SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-03 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
 - 2 INSTALL BICYCLE BOULEVARD MARKING PER DETAIL 1, SHEET D-01.
 - 5 FURNISH AND INSTALL NEW SIGN PER MUTCD STANDARDS, DETAIL 14, SHEET D-03.
 - 24 INSTALL BASIC CROSSWALK PER DETAIL 9, SHEET D-02.

- GENERAL NOTES:**
1. FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
 2. FOR LAYOUT SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
 3. ALL NEW SIGNS INSTALLED PER DETAIL 14, SHEET D-03.

CONSTRUCTION LEGEND:

REMOVE EXISTING STRIPING BY GRINDING



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PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER	REGISTR.	DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	EXP.	CHECK	AH	BOOK	
				MANAGER OF ENGINEERING	R.C.E.	AS BUILT		DATE	9/5/2024

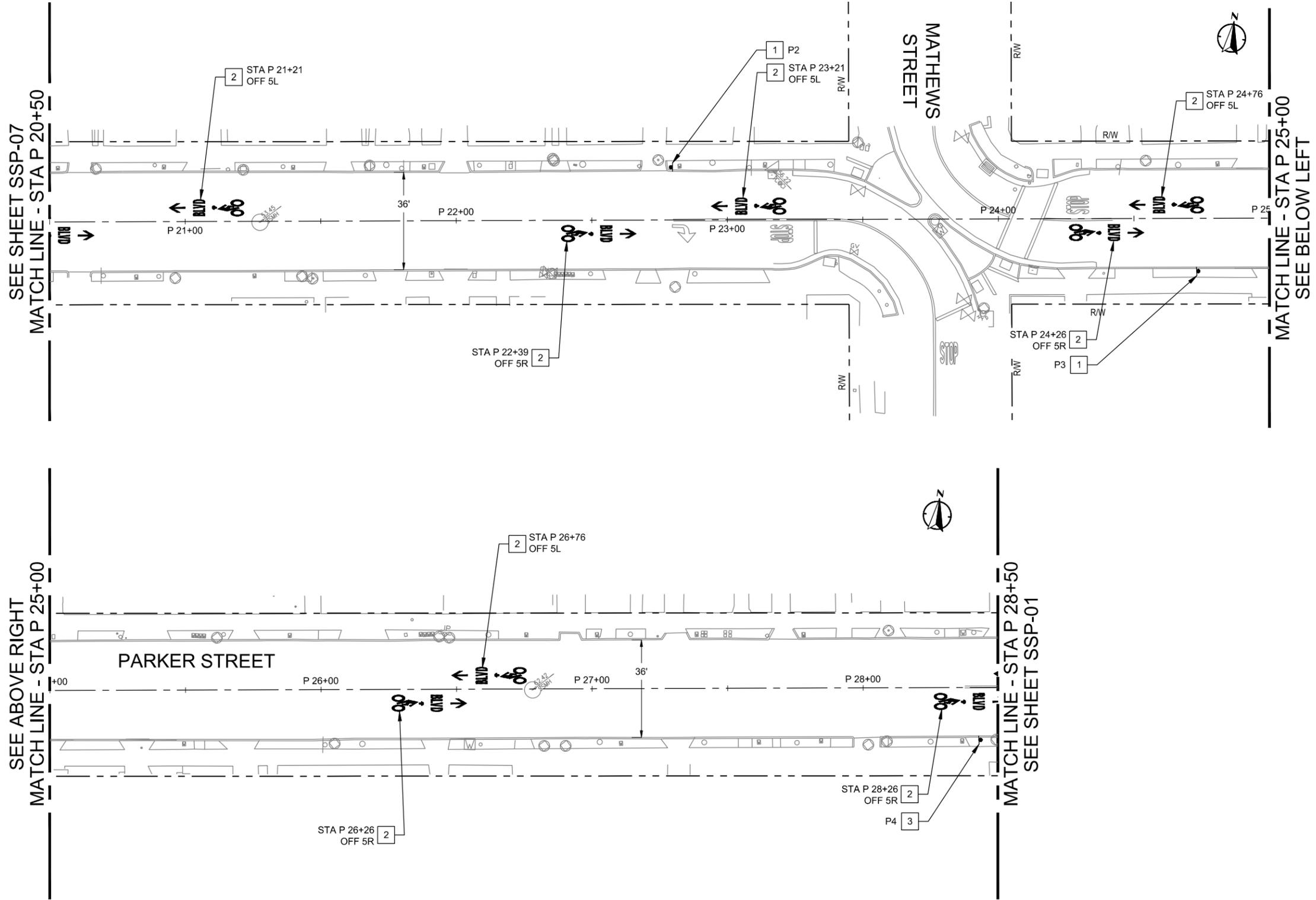
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING PLANS

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
SSP-07
SHEET 22 OF 27

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STRIPING NOTES:

- 1 FURNISH AND INSTALL TYPE 1A SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-03 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.
- 2 INSTALL BICYCLE BOULEVARD MARKING PER DETAIL 1, SHEET D-01.
- 3 FURNISH AND INSTALL TYPE 1C SIGN PER CITY BIKE BOULEVARD STANDARDS GUIDE. SEE SIGN SCHEDULE ON SHEET D-04 FOR MORE INFORMATION. SIGN REFERENCE NUMBER AS SHOWN.

GENERAL NOTES:

- 1. FOR NOTES, LEGEND AND ABBREVIATIONS SEE SHEET GN-01.
- 2. FOR LAYOUT SHEET NUMBERS AT THIS LOCATION, SEE SHEET T-01, INDEX OF DRAWINGS.
- 3. ALL NEW SIGNS INSTALLED PER DETAIL 14, SHEET D-03.



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE
0	1	SURVEY PARTY CHIEF	DATE
1	2	WATERSHED REVIEW:	DATE
2	3		
3	4		

FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

SUBMITTED:	DATE	DESIGN	EK
SUPERVISING ENGINEER	REGISTR.	DRAWN	EK
APPROVED:	DATE	CHECK	AH
MANAGER OF ENGINEERING	R.C.E.	AS BUILT	

HORIZ.		DATE	9/5/2024
VERT.			
BOOK			



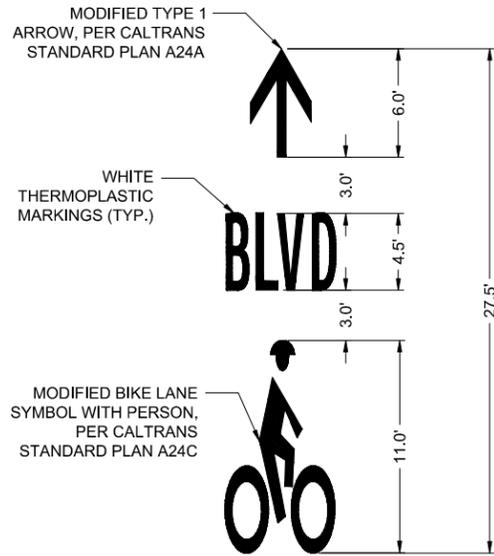
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CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING PLANS

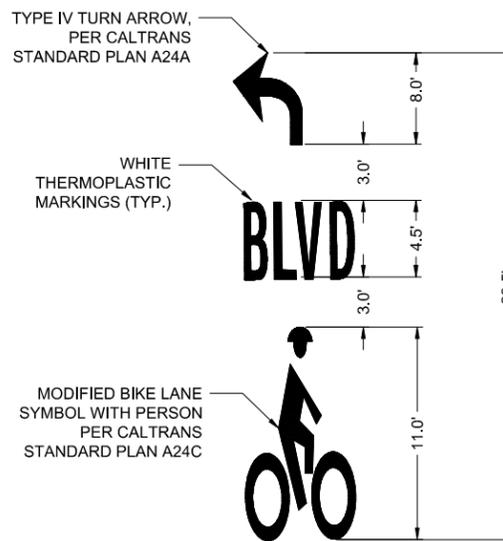
REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
SSP-08
SHEET 23 OF 27

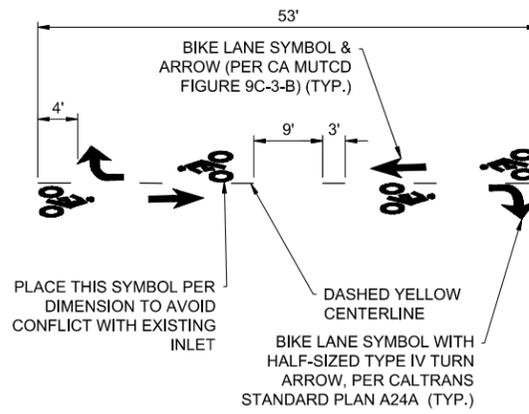
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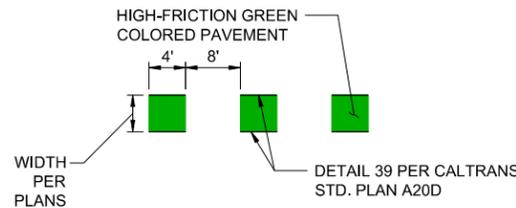
1 BICYCLE BLVD PAVEMENT MARKING
NTS



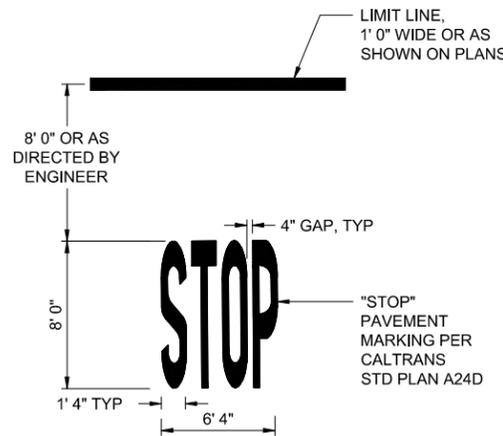
2 LEFT TURN BICYCLE BLVD PAVEMENT MARKING
NTS



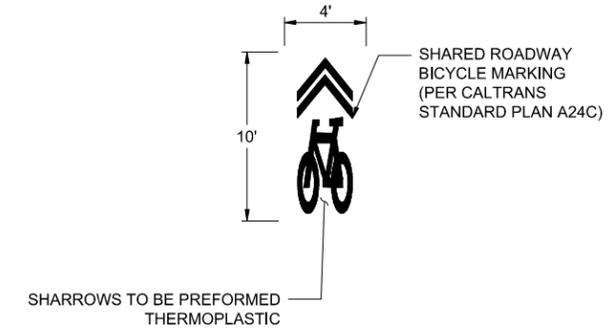
3 TWO-WAY CLASS IV BIKE LANE
NTS



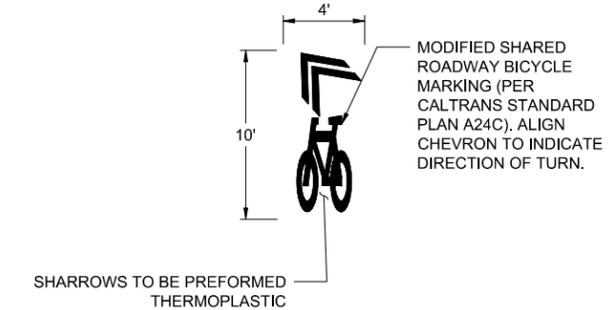
4 INTERSECTION CONFLICT MARKINGS
NTS



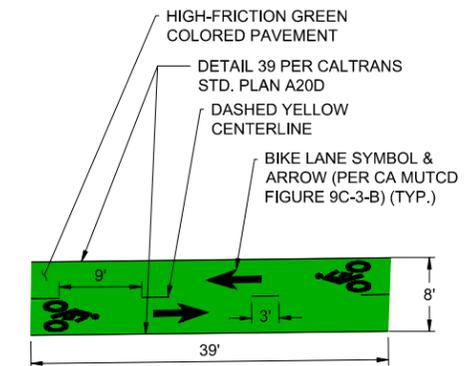
5 ADVANCED LIMIT LINE WITH STOP MARKING
NTS



6 SHARED LANE MARKING
NTS



7 TURNING SHARED LANE MARKING
NTS



8 GREEN BACKED TWO-WAY BIKE FACILITY
NTS



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER		DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:		CHECK	AH	BOOK	
				MANAGER OF ENGINEERING		AS BUILT		DATE	9/5/2024

DATE	DATE	DATE	DATE

DATE	DATE	DATE	DATE

DESIGN	EK	HORIZ.	
DRAWN	EK	VERT.	
CHECK	AH	BOOK	
AS BUILT		DATE	9/5/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING DETAILS

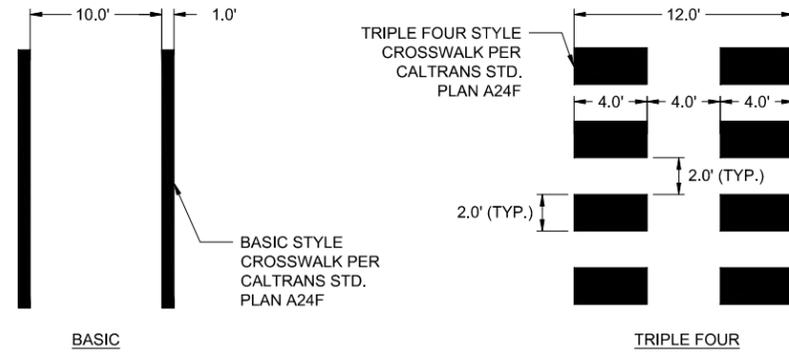


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REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
D-01
SHEET 24 OF 27

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NOTES:

- CROSSWALK MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
- CROSSWALK MARKINGS SHALL BE WHITE IN COLOR, UNLESS NOTED OTHERWISE.

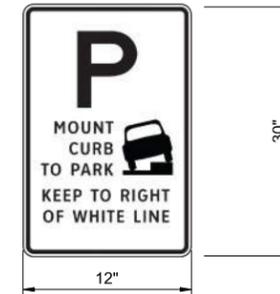
9 HIGH VISIBILITY CROSSWALK
NTS



NOTES:

- CONTRACTOR TO SUBMIT SHOP DRAWINGS WITH TEXT SIZE, COLOR AND DIMENSIONS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION

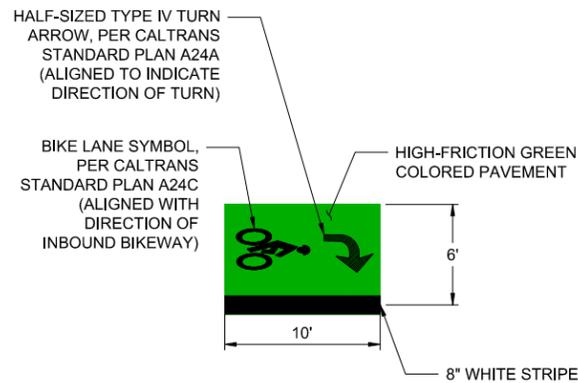
11 PEDESTRIAN TRAFFIC WARNING SIGN
NTS



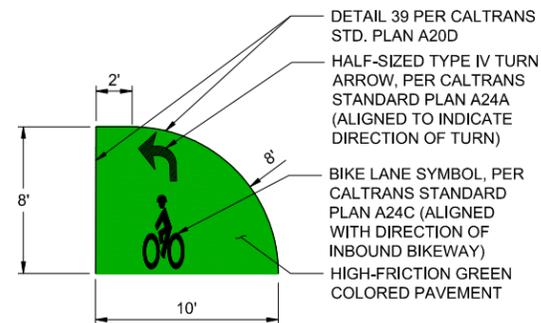
NOTES:

- CONTRACTOR TO SUBMIT SHOP DRAWINGS WITH TEXT SIZE, COLOR AND DIMENSIONS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION

13 MOUNT CURB TO PARK SIGN
NTS



10 TWO STAGE QUEUE BOX
NTS



12 DIRECTIONAL BIKE MARKING
NTS



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER		DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:	DATE	CHECK	AH	BOOK	
				MANAGER OF ENGINEERING	EXP.	AS BUILT		DATE	9/5/2024

0	1	2	3
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES			

DATE	9/5/2024
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DESIGN	EK
DRAWN	EK
CHECK	AH
AS BUILT	

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING DETAILS



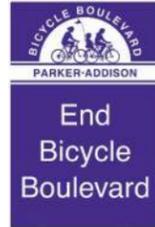
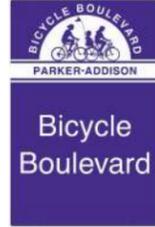
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REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8282
FILE 503-639
D-02
SHEET 25 OF 27

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REGULATORY SIGN SCHEDULE		
KEY	SIZE	SIGN & COLOR
R1-1	30" X 30"	 BACKGROUND: RED BORDER: WHITE LEGEND: WHITE
R6-5P	30" X 30"	 BACKGROUND: WHITE BORDER: BLACK LEGEND: BLACK

WAYFINDING KEY - TYPE 1A		
KEY	DETAIL	SYMBOL & TEXT
M2	SEE DETAIL 14, SHEET D-03 20" X 30"	
M1, M3, M4, M5, M7, M8, M10, M11, M12, B2, B3, B4, B6, B7, B9, B10, P1, P2, P3	SEE DETAIL 14, SHEET D-03 20" X 30"	

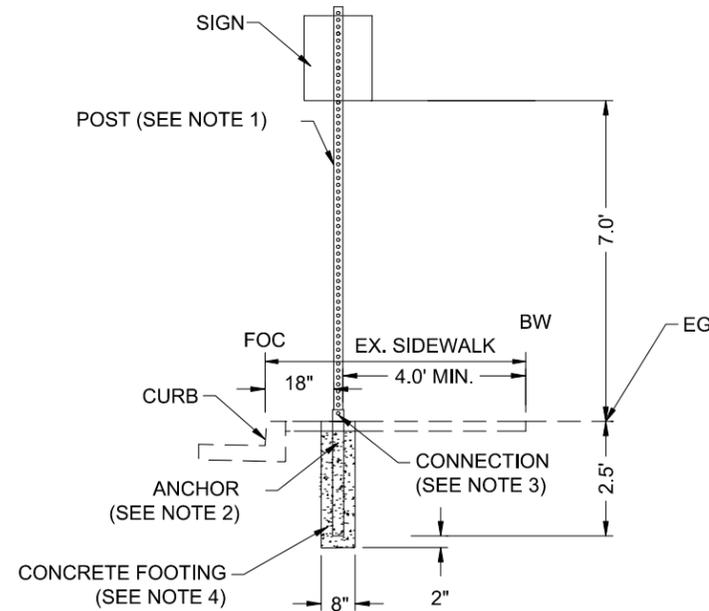
WARNING SIGN SCHEDULE		
KEY	SIZE	SIGN & COLOR
W1-4L	30" X 30"	 BACKGROUND: YELLOW BORDER: BLACK LEGEND: BLACK
W1-4R	30" X 30"	 BACKGROUND: YELLOW BORDER: BLACK LEGEND: BLACK
W2-6	30" X 30"	 BACKGROUND: YELLOW BORDER: BLACK LEGEND: BLACK
W11-1	30" X 30"	 BACKGROUND: YELLOW BORDER: BLACK LEGEND: BLACK
W13 -1P	18" X 18"	 BACKGROUND: YELLOW BORDER: BLACK LEGEND: BLACK
W16 -9P	24" X 12"	 BACKGROUND: YELLOW BORDER: BLACK LEGEND: BLACK
W17-1	30" X 30"	 BACKGROUND: YELLOW BORDER: BLACK LEGEND: BLACK

NOTE:

SIGNS TYPE 1A AND TYPE 3 SHALL BE INSTALLED ON OLIVE GREEN POSTS AND MOUNTED IN ACCORDANCE WITH THE CITY OF BERKELEY BICYCLE BOULEVARD SIGNAGE PROGRAM STANDARDS GUIDE. ALL OTHER NEW SIGNS SHALL BE POSTED AND MOUNTED ON STANDARD POSTS (SEE DETAIL 14, THIS SHEET).

NOTES:

- POSTS SHALL BE TELES PAR OR APPROVED EQUAL PERFORATED 1 3/4" SQUARE, FOURTEEN (14) GAUGE STEEL POSTS AND MINIMUM 10 FEET IN LENGTH. POSTS SHALL BE MANUFACTURED FROM HOT-DIPPED GALVANIZED STEEL CONFORMING TO ASTM A 653, G-90, STRUCTURAL QUALITY, L CLASS 1. THE CORNER WELD SHALL BE ZINC COATED AFTER SCARFING OPERATION. THE POST SHALL ALSO BE COATED WITH A CHROMATE CONVERSION COATING AND CLEAR ORGANIC POLYMER TOPCOAT. BOTH THE INTERIOR AND THE EXTERIOR OF THE POST SHALL BE GALVANIZED. POST SHALL BE HUNTER GREEN POWDER COATING COLOR.
- ANCHORS SHALL BE TELES PAR OR APPROVED EQUAL PERFORATED 2" SQUARE, TWELVE (12) GAUGE HOT-DIPPED GALVANIZED STEEL ANCHORS. A TWO-PIECE BREAKAWAY ANCHOR SYSTEM (ANCHOR ASSEMBLY) SHALL BE USED BY WELDING AN EIGHTEEN INCH (18") LONG, TWELVE (12) GAUGE OUTER SLEEVE OF THE NEXT LARGER SIZE PERFORATED TUBE TO THE ORIGINAL 2" SQUARE PERFORATED ANCHOR BASE.
- CONNECTION BETWEEN ANCHOR SLEEVE AND POST SHALL BE MADE BY ANCHOR BOLTS IN COMPLIANCE WITH SECTION 56-2 OF THE STATE STANDARD SPECIFICATIONS.
- CONTRACTOR TO FIELD VERIFY THERE ARE NO CONFLICTS WITH EXISTING UTILITIES AND PROPOSED SIGN.
- IF PROPOSED SIGN FOUNDATION IS WITHIN EXISTING SIDEWALK PANEL, SIDEWALK PANEL TO BE REPLACED IN KIND.



14 NEW SIGN AND POST
NTS



PROJECT MANAGER	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN	EK	HORIZ.	
		SURVEY PARTY CHIEF		SUPERVISING ENGINEER		DRAWN	EK	VERT.	
		WATERSHED REVIEW:	DATE	APPROVED:		CHECK	AH	BOOK	
				MANAGER OF ENGINEERING		AS BUILT		DATE	9/5/2024

DATE	DATE	DATE	DATE

DATE	DATE	DATE	DATE

DESIGN	EK	HORIZ.	
DRAWN	EK	VERT.	
CHECK	AH	BOOK	
AS BUILT		DATE	9/5/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
SIGNING & STRIPING DETAILS



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REVISION	MARK	DATE	DESCRIPTION	APPROVAL

WAYFINDING KEY - TYPE 1C

KEY	DETAIL	SYMBOL & TEXT	KEY	DETAIL	SYMBOL & TEXT	KEY	DETAIL	SYMBOL & TEXT
M6	SEE DETAIL 14, SHEET D-03		B8	SEE DETAIL 14, SHEET D-03		A2	SEE DETAIL 14, SHEET D-03	
M9	SEE DETAIL 14, SHEET D-03		B11	SEE DETAIL 14, SHEET D-03		A3	SEE DETAIL 14, SHEET D-03	
M13	SEE DETAIL 14, SHEET D-03		B12	SEE DETAIL 14, SHEET D-03		A4	SEE DETAIL 14, SHEET D-03	
D1	SEE DETAIL 14, SHEET D-03		BA1	SEE DETAIL 14, SHEET D-03		W1	SEE DETAIL 14, SHEET D-03	
D2	SEE DETAIL 14, SHEET D-03		BA2	SEE DETAIL 14, SHEET D-03		W2	SEE DETAIL 14, SHEET D-03	
B1	SEE DETAIL 14, SHEET D-03		SC1	SEE DETAIL 14, SHEET D-03		W3	SEE DETAIL 14, SHEET D-03	
B5	SEE DETAIL 14, SHEET D-03		A1	SEE DETAIL 14, SHEET D-03		P4	SEE DETAIL 14, SHEET D-03	

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DATE _____
 PROJECT MANAGER _____
 0 1 2 3
 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

DEPICTION OF MONUMENTS: DATE _____
 SURVEY PARTY CHIEF _____
 WATERSHED REVIEW: DATE _____

SUBMITTED: DATE _____
 SUPERVISING ENGINEER _____
 APPROVED: DATE _____
 MANAGER OF ENGINEERING _____

DESIGN: EK
 DRAWN: EK
 CHECK: AH
 AS BUILT: _____
 HORIZ. _____
 VERT. _____
 BOOK _____
 DATE 9/5/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

PARKER ST. TO ADDISON ST. BIKEWAY
 SIGNING & STRIPING DETAILS



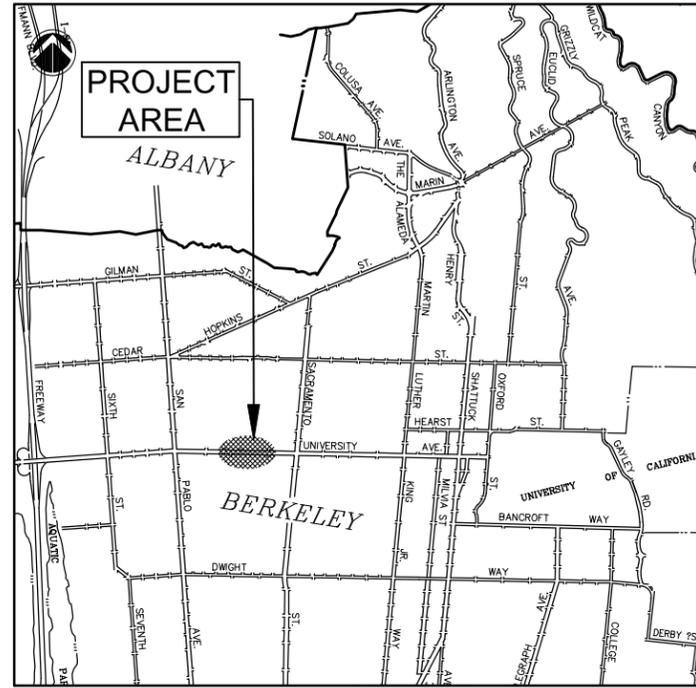
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REVISION	MARK	DATE	DESCRIPTION	APPROVAL

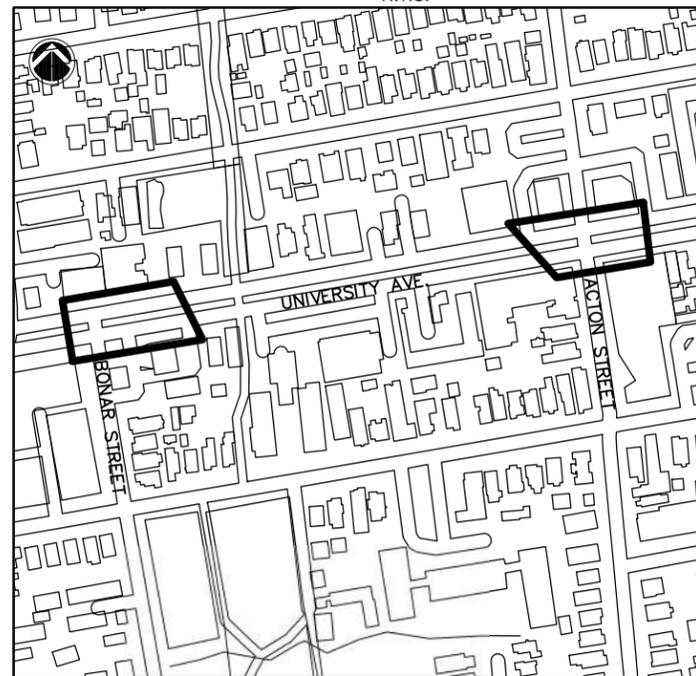
CITY OF BERKELEY, CALIFORNIA

UNIVERSITY WEST BUS STOP IMPROVEMENTS

SPECIFICATION NO. 24-11666-C
PACKAGE B



LOCATION MAP
N.T.S.



KEY MAP
N.T.S.

CONSULTANT TEAM

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COMMUNITY DESIGN + ARCHITECTURE
610 16TH STREET, SUITE 305
OAKLAND, CA 94612
T: (510) 839-4568

CIVIL ENGINEER
DIABLO ENGINEERING GROUP
1300 CLAY STREET, SUITE 600
OAKLAND, CA 94612
T: (510) 550-8959

TRANSPORTATION ENGINEER
FEHR & PEERS
2201 BROADWAY, SUITE 602
OAKLAND, CA 94612
T: (510) 834-3200

CONTACT INFORMATION

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KRISTINA ZUNIGA
KRISTINA.ZUNIGA@ebmud.com
T: (510) 287-1102

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juan.serrano@ebmud.com
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PACIFIC GAS & ELECTRIC (PG&E)
KEVIN LIM (GAS)
KWL7@pge.com
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CMD5@pge.com
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COMCAST
CHRIS MORRISON
christopher_morrison@cable.comcast.com
T: (510) 377-5421

AT&T
ALICE CHEN
sc4379@att.com
T: (510) 331-3967

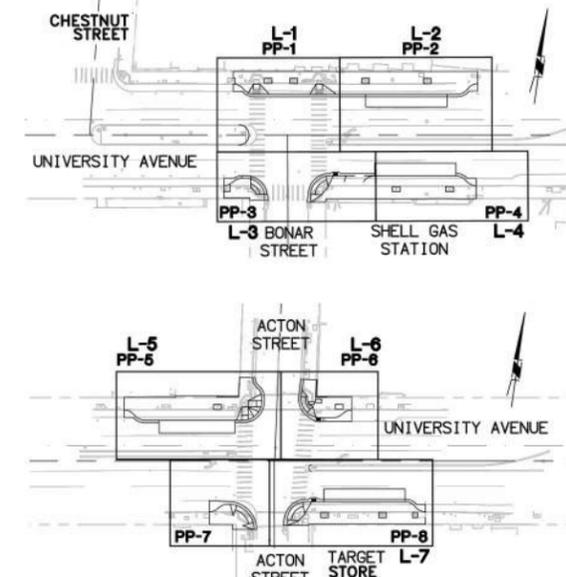
SHEET INDEX

SHEET	SHEET NO.	SHEET TITLE
1	P-01	COVER - SHEET INDEX
2	P-02	SURVEY CONTROL PLAN - UNIVERSITY AVE/BONAR ST
3	P-03	SURVEY CONTROL PLAN - UNIVERSITY AVE/ACTON ST
4	TX-01	TYPICAL CROSSING SECTIONS - UNIVERSITY AVE
5	DM-01	EXISTING UTILITY AND DEMOLITION PLAN - UNIVERSITY AVE/BONAR ST
6	DM-02	EXISTING UTILITY AND DEMOLITION PLAN - UNIVERSITY AVE/ACTON ST
7	PP-01	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/BONAR ST
8	PP-02	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/BONAR ST
9	PP-03	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/BONAR ST
10	PP-04	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/BONAR ST
11	PP-05	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/ACTON ST
12	PP-06	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/ACTON ST
13	PP-07	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/ACTON ST
14	PP-08	STREET IMPROVEMENTS PLAN AND PROFILE - UNIVERSITY AVE/ACTON ST
15	SD-01	STORM DRAIN IMPROVEMENTS PLAN AND PROFILE
16	SS-01	SIGNING AND STRIPING PLAN
17	TS-01	TRAFFIC SIGNAL GENERAL NOTES
18	TS-02	TRAFFIC SIGNAL PLAN - UNIVERSITY AVE/BONAR ST
19	TS-03	TRAFFIC SIGNAL PLAN - UNIVERSITY AVE/ACTON ST
20	L-01	LANDSCAPE PLAN - UNIVERSITY AVE/BONAR ST
21	L-02	LANDSCAPE PLAN - UNIVERSITY AVE/BONAR ST
22	L-03	LANDSCAPE PLAN - UNIVERSITY AVE/BONAR ST
23	L-04	LANDSCAPE PLAN - UNIVERSITY AVE/BONAR ST
24	L-05	LANDSCAPE PLAN - UNIVERSITY AVE/ACTON ST
25	L-06	LANDSCAPE PLAN - UNIVERSITY AVE/ACTON ST
26	L-07	LANDSCAPE PLAN - UNIVERSITY AVE/ACTON ST
27	L-08	LANDSCAPE DETAILS
28	L-09	LANDSCAPE DETAILS

GENERAL NOTES

- REFER TO PARKER STREET TO ADDISON STREET BIKEWAY PROJECT, SPECIFICATION NO. 24-11640-C FOR ABBREVIATIONS AND NOTES ON SHEET GN-01.
- AREA OF FIELD SURVEY, AS INDICATED IN PLAN SHEETS P-2 THROUGH P-3, WAS PERFORMED IN JULY 2022 AND JUNE 2023.

SHEET MAPS - N.T.S.



COMMUNITY DESIGN + ARCHITECTURE
Philip Erickson, Architect
610 16TH STREET, SUITE 305
OAKLAND, CA 94612
(510) 839-4568

PROJECT MANAGER: *Vonitza* DATE 9/10/24
DEPICTION OF MONUMENTS: *Bard Barton* DATE 09/12/24
SURVEY PARTY CHIEF: *Bard Barton*
WATERSHED REVIEW: *Dimit Palab* DATE 9/12/24

SUBMITTED: *Vonitza* DATE 9/10/24
REGISTR. 60704
EXP. 12/31/24
SUPERVISING ENGINEER: *Vonitza*
APPROVED: *Vonitza* DATE 9/12/24
R.I.E. 62524
CITY ENGINEER: *Vonitza* EXP. 9/30/25

DESIGN CG HORIZ. NTS
DRAWN SY VERT. NTS
CHECK CG BOOK
AS BUILT DATE 8/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
COVER - SHEET INDEX

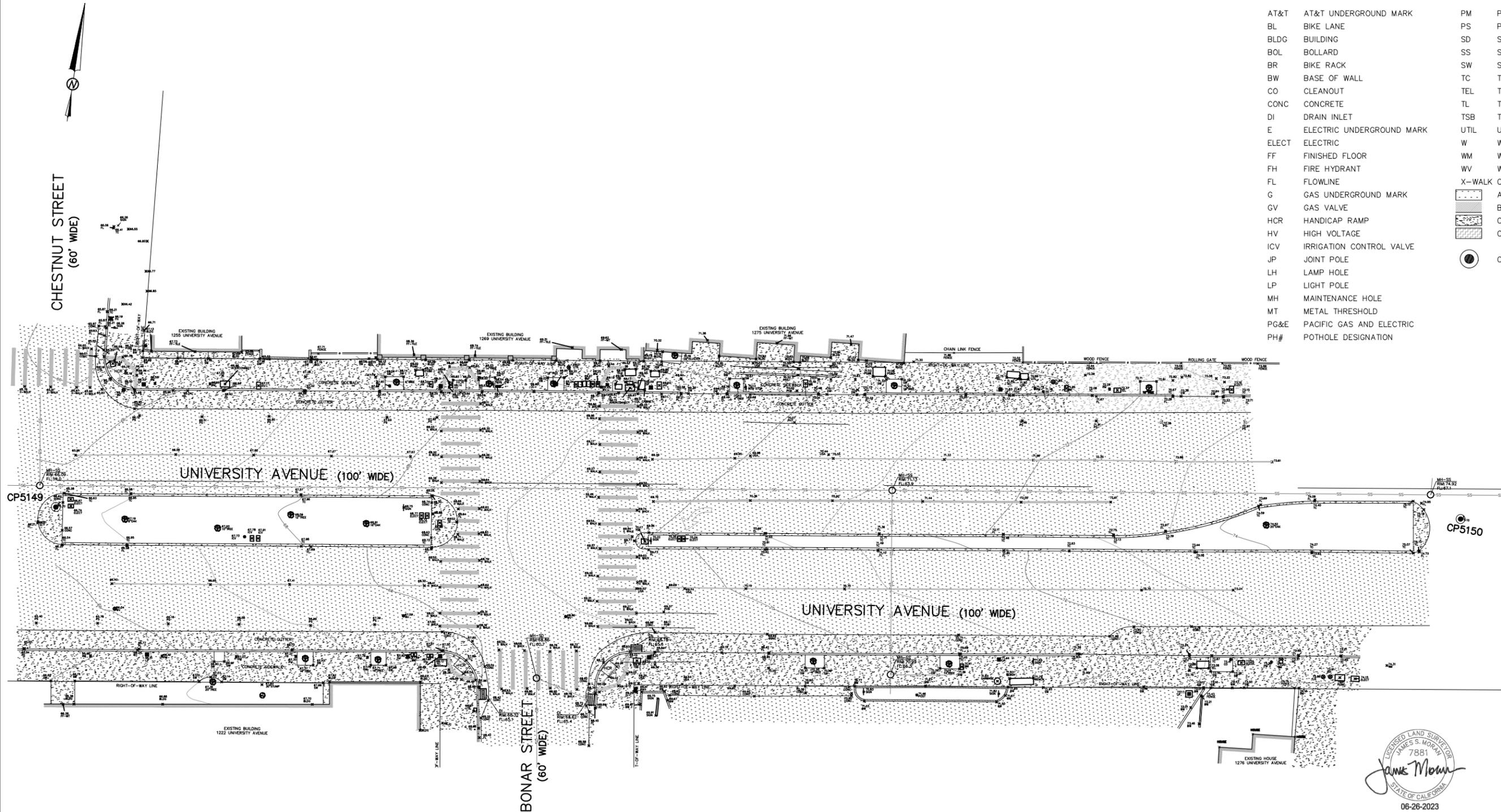
PLAN 8283
FILE 503-640
P-01
SHEET 1 OF 28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

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 8/26/2024 10:53 AM Soulbys Yoon

LEGEND

- | | | | |
|-------|---------------------------|----------|---------------------------------|
| AT&T | AT&T UNDERGROUND MARK | PM | PARKING METER |
| BL | BIKE LANE | PS | PARKING STRIPE |
| BLDG | BUILDING | SD | STORM DRAIN |
| BOL | BOLLARD | SS | SANITARY SEWER |
| BR | BIKE RACK | SW | SIDEWALK |
| BW | BASE OF WALL | TC | TOP OF CURB |
| CO | CLEANOUT | TEL | TELECOMMUNICATIONS |
| CONC | CONCRETE | TL | TRAFFIC LIGHT |
| DI | DRAIN INLET | TSB | TRAFFIC SIGNAL BOX |
| E | ELECTRIC UNDERGROUND MARK | UTIL | UNKNOWN UTILITY |
| ELECT | ELECTRIC | W | WATER UNDERGROUND MARK |
| FF | FINISHED FLOOR | WM | WATER METER |
| FH | FIRE HYDRANT | WV | WATER VALVE |
| FL | FLOWLINE | X-WALK | CROSSWALK |
| G | GAS UNDERGROUND MARK | [Symbol] | ASPHALT |
| GV | GAS VALVE | [Symbol] | BUILDING LINE |
| HCR | HANDICAP RAMP | [Symbol] | CONCRETE |
| HV | HIGH VOLTAGE | [Symbol] | CONCRETE WALL |
| ICV | IRRIGATION CONTROL VALVE | [Symbol] | CITY OF BERKELEY SURVEY CONTROL |
| JP | JOINT POLE | | |
| LH | LAMP HOLE | | |
| LP | LIGHT POLE | | |
| MH | MAINTENANCE HOLE | | |
| MT | METAL THRESHOLD | | |
| PG&E | PACIFIC GAS AND ELECTRIC | | |
| PH# | POTHOLE DESIGNATION | | |

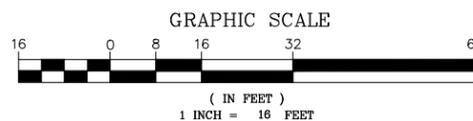


GENERAL NOTES:
DIMENSIONS ARE IN FEET AND DECIMAL FEET.

RIGHT-OF-WAYS ARE SHOWN AS APPROXIMATE.

BENCHMARK:
ELEVATIONS ARE BASED ON CITY OF BERKELEY DATUM.
CONTROL POINT CP5150 ON THE MEDIAN STRIP NEAR WEST STREET WAS TAKEN AS
ELEVATION = 75.15 FEET PER CITY OF BERKELEY ENGINEERING RECORDS.

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP5149	2144049.7142	6045580.4612	66.70	CDCP8P-COB_MedIslF
CP5150	2144109.7749	6046011.0118	75.15	CDCP8P-COB_MedIslF
CP5151	2144201.6528	6046633.1500	88.12	CDCP8P-COB_MedIslF



TOPOGRAPHIC SURVEY
LOCATED ON UNIVERSITY AVENUE AT BONAR AND ACTON STREETS
CITY OF BERKELEY, COUNTY OF ALAMEDA, CALIFORNIA

JUNE 2023 SCALE: 1" = 16'

MORAN ENGINEERING, INC.

CIVIL ENGINEERS \ LAND SURVEYORS
1930 SHATTUCK AVENUE, SUITE A
BERKELEY, CALIFORNIA 94704
(510) 848-1930

F.B. NO. 1890 UNIVERSITY AT BONAR & ACTON-TOPO.DWG JOB NO. 22-10936

cd COMMUNITY DESIGN + ARCHITECTURE
Phillip Erickson, Architect
610 16TH STREET, SUITE 305
OAKLAND, CA 94612
(510) 839-4568

PROJECT MANAGER:	DATE
DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF	
WATERSHED REVIEW:	DATE

FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

SUBMITTED:	DATE
SUPERVISING ENGINEER	REGISTR. EXP.
APPROVED:	DATE
CITY ENGINEER	R.C.E. EXP.

DESIGN	HORIZ.
DRAWN	VERT.
CHECK	BOOK
AS BUILT	DATE

DATE	8/22/24
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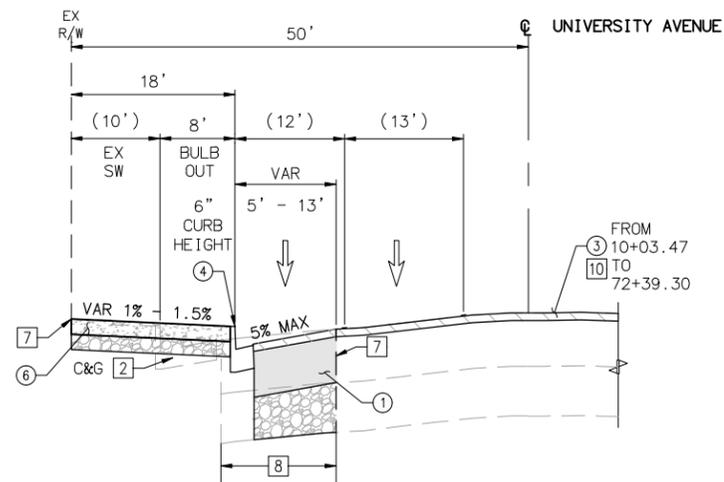
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
SURVEY CONTROL PLAN - UNIVERSITY AVE/BONAR ST

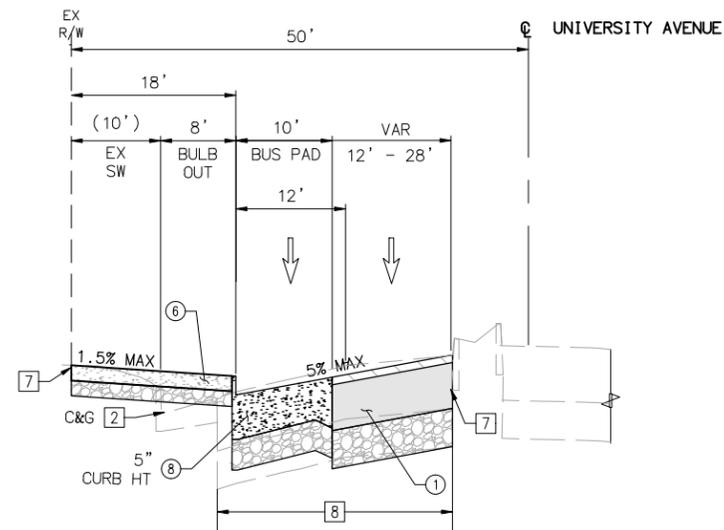
PLAN 8283
FILE 503-640
P-02
SHEET 2 OF 30

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

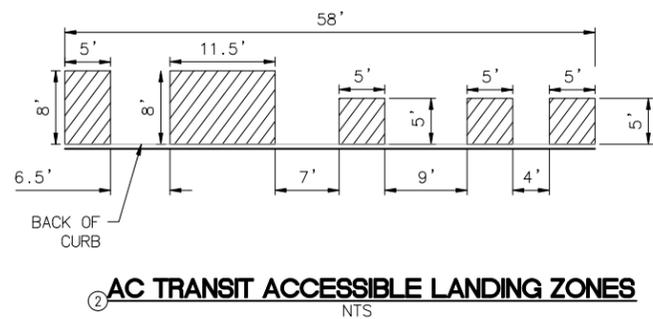
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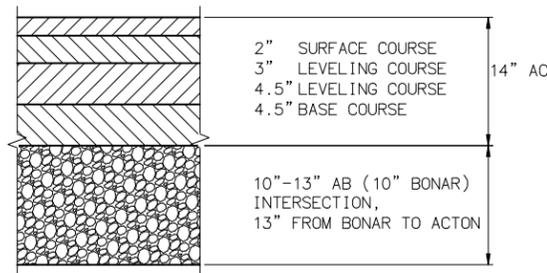
SECTION A-A PEDESTRIAN & BUS BULB OUT AT BONAR STREET FROM STA 10+25.11 TO STA 10+89.87



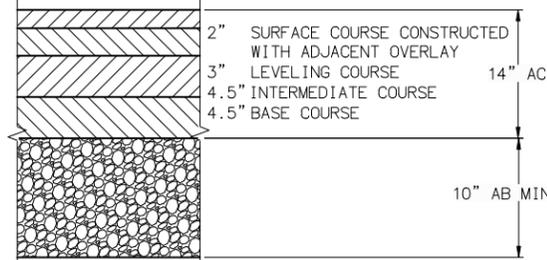
SECTION B-B BUS BULB OUT AT ACTON STREET FROM STA 10+63.34 TO STA 11+23.34



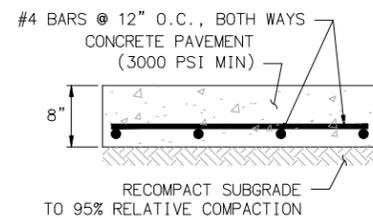
AC TRANSIT ACCESSIBLE LANDING ZONES



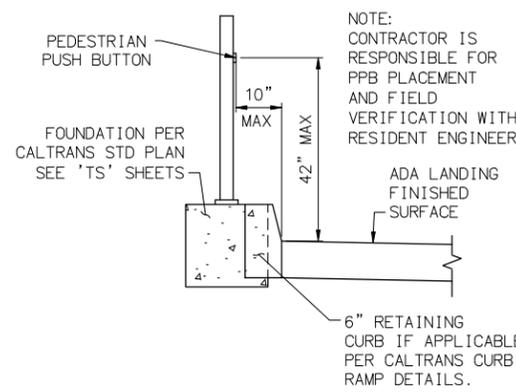
EXISTING PAVEMENT SECTION



MINIMUM PAVEMENT SECTION



BUS SHELTER PAD DETAIL



PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL

IMPROVEMENT KEYNOTES

- ① CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
- ② AC TRANSIT ACCESSIBLE LANDING ZONES.
- ③ CONSTRUCT 2" AC OVERLAY.
- ④ CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
- ⑥ CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
- ⑧ CONSTRUCT BUS PAD PER CITY OF BERKELEY STANDARD PLAN 8150 (CURB HEIGHT PER PLAN).
- ⑮ INSTALL BUS SHELTER PAD PER DETAIL ON TX-01 SHEET.
- ⑰ SEE TRAFFIC SIGNAL PLANS AND PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL ON TX-01 SHEET.

DEMOLITION KEYNOTES

- ② REMOVE EXISTING IMPROVEMENT.
- ⑦ SAWCUT EXISTING AC PAVEMENT OR EXISTING CONCRETE SIDEWALK (AT THE CLOSEST JOINT).
- ⑧ REMOVE ASPHALT CONCRETE AND AGGREGATE BASE.
- ⑩ COLDMILL EX AC PAVEMENT.



1300 CLAY STREET, SUITE 600
OAKLAND, CA 94612
(510) 550-8959

PROJECT MANAGER:	DATE
DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF:	DATE
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING ENGINEER:	DATE
APPROVED:	DATE
CITY ENGINEER:	DATE

DESIGN	AT	HORIZ.	
DRAWN	AT	VERT.	
CHECK	JAH	BOOK	
AS BUILT		DATE	08/22/24

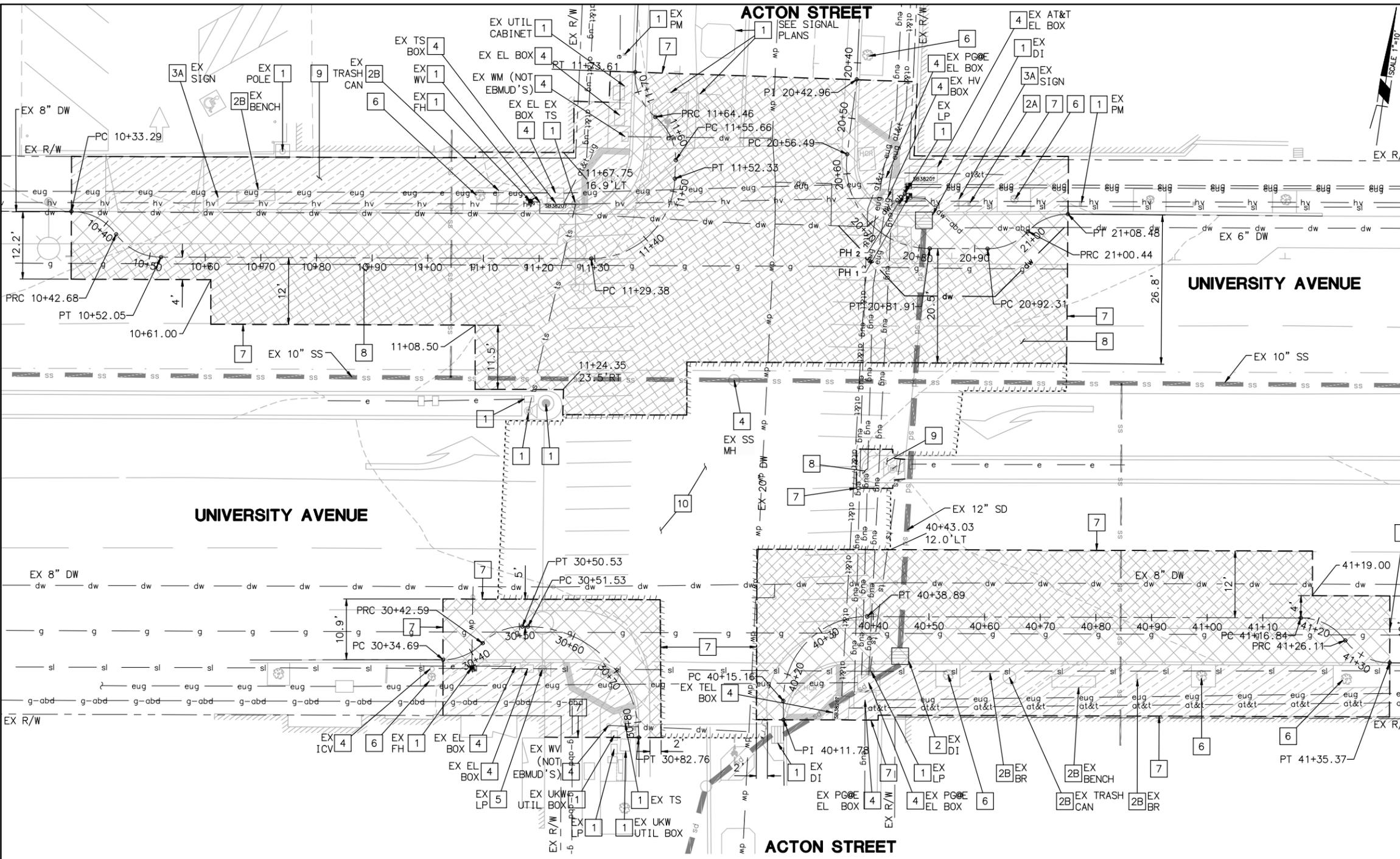
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
TYPICAL CROSS SECTIONS
UNIVERSITY AVE

PLAN 8283
FILE 503-640
TX-01
SHEET 4 OF 28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

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DEMOLITION KEYNOTES

- 1 PROTECT EXISTING IMPROVEMENT IN PLACE.
- 2 REMOVE EXISTING IMPROVEMENT.
- 2A SALVAGE FULL LENGTH PARKING METER POSTS AND DELIVER TO CITY CORPORATION YARD.
- 2B SALVAGE EXISTING STREET FURNITURE PER LANDSCAPE PLANS.
- 3 RELOCATE EXISTING IMPROVEMENT.
- 3A RELOCATE EX. SIGN PER SHEET SS-01.
- 4 PROTECT EXISTING UTILITY BOX/COVER TO BE ADJUSTED PER PP SHEETS.
- 6 PROTECT TREE. SEE LANDSCAPE PLANS.
- 7 SAWCUT EXISTING AC PAVEMENT OR EXISTING CONCRETE SIDEWALK (AT THE CLOSEST JOINT).
- 8 REMOVE ASPHALT CONCRETE AND AGGREGATE BASE.
- 9 REMOVE CONCRETE & BASEROCK.
- 10 COLDMILL EX AC PAVEMENT.

DEMOLITION NOTES

- 1. ALL EXISTING TREES TO BE PROTECTED IN PLACE.

UTILITY NOTES

- 1. ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.

LEGEND

- catv EX. CABLE/TV
- dw EX. DOMESTIC WATER
- eug EX. PG&E ELECTRIC
- g EX. PG&E GAS
- sd EX. STORM DRAIN
- ss EX. SANITARY SEWER
- t EX. TELEPHONE
- unkn EX UNKNOWN UT
- SAWCUT, REMOVE AND DISPOSE CONCRETE SIDEWALK
- SAWCUT, REMOVE AND DISPOSE CONCRETE CURB & GUTTER
- SAWCUT, REMOVE AND DISPOSE AC PAVEMENT SECTION
- SAWCUT
- COLDMILL LIMITS
- POTHOLE PERFORMED BY THE CITY. SEE DATA CHART HEREON.

PH #	Street	Cut Size	Asph	Conc.	Soil	Utility	Utility Size	Material	Depth	Location Reference / Notes
1	University Ave & Acton St	1' x 1'		4"	Dirt, Rocks	DW	6"	Cast Iron	T:14" B:23"	37" N from face of curb. 22" E from traffic signal pole.
2	University Ave & Acton St	1' x 1'		4"	Dirt, Rocks	Electric	2 - 2"	PVC	34"	64" N from face of curb. 22" E from traffic signal pole.



PROJECT MANAGER: _____ DATE _____
 SURVEY PARTY CHIEF _____ DATE _____
 WATERSHED REVIEW: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____
 SUBMITTED: _____ DATE _____
 SUPERVISING ENGINEER _____ DATE _____
 APPROVED: _____ DATE _____
 CITY ENGINEER _____ DATE _____

DESIGN AT _____ HORIZ. _____
 DRAWN AT _____ VERT. _____
 CHECK JAH _____ BOOK _____
 AS BUILT _____ DATE 08/22/24

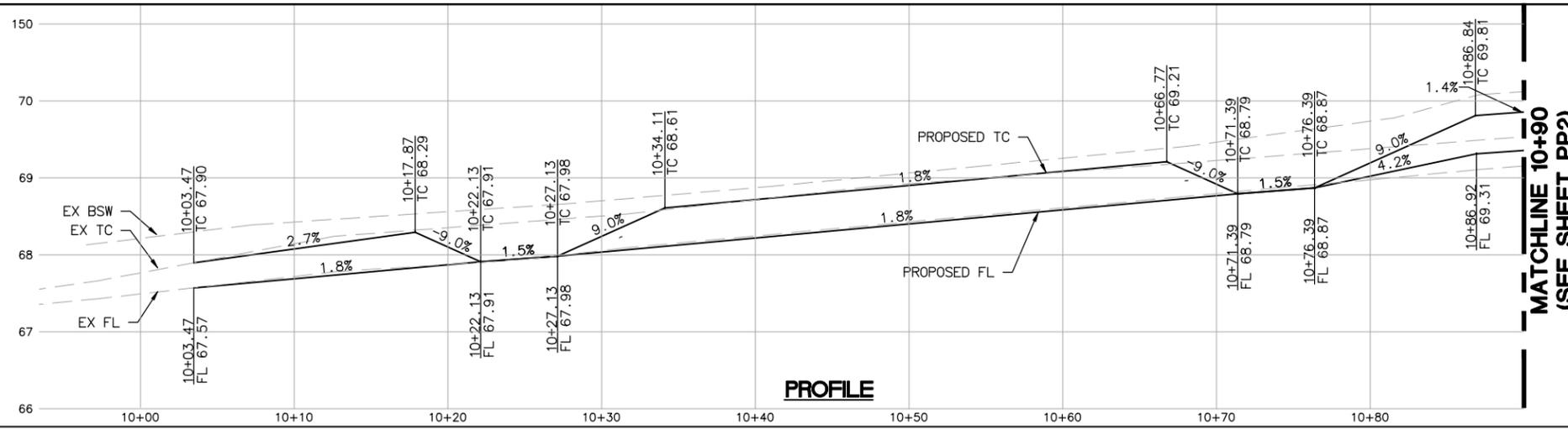
CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
 EXISTING UTILITY AND DEMOLITION PLAN

PLAN 8283
 FILE 503-640
 DM-02
 SHEET 6 OF 28

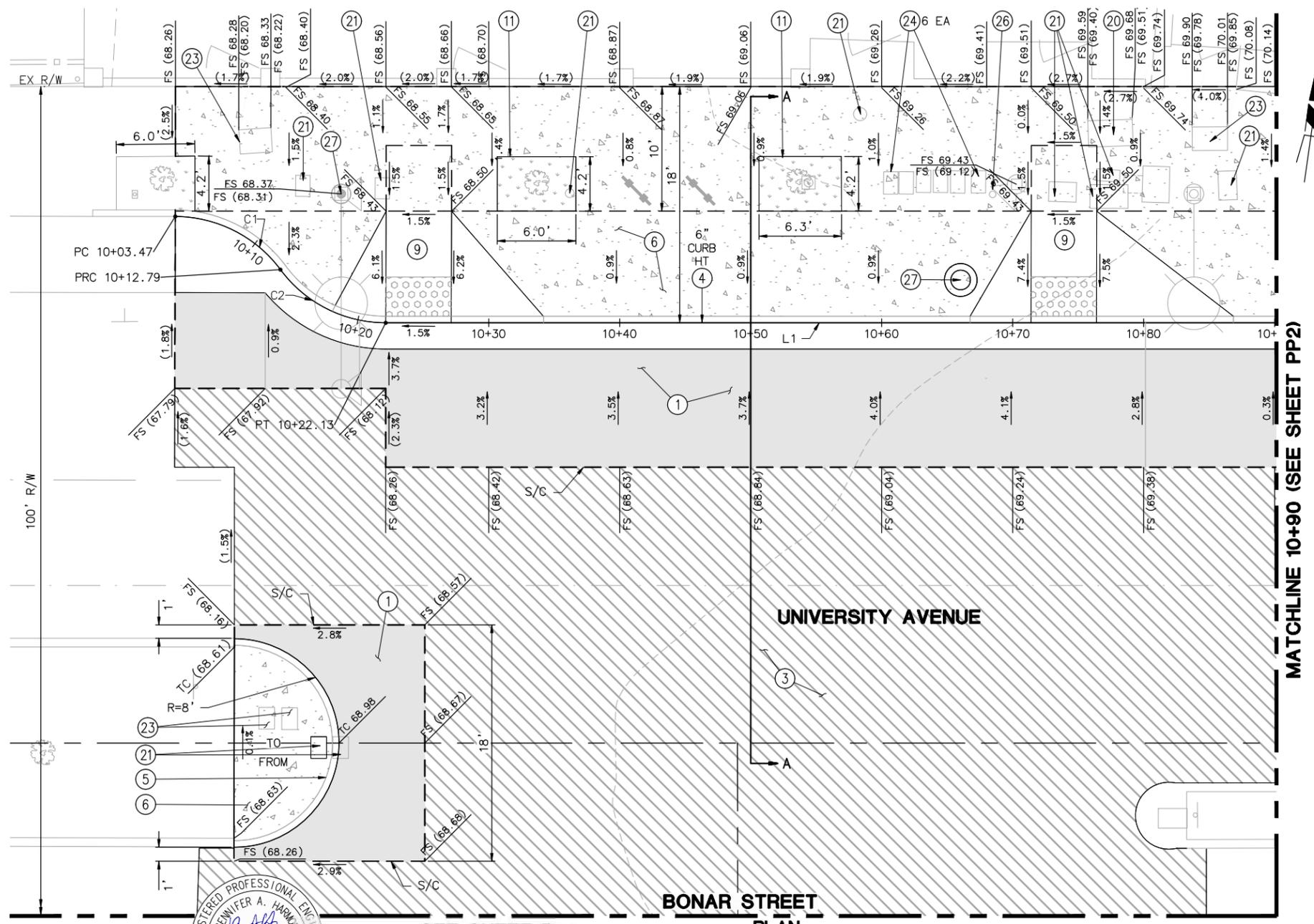


REVISION	MARK	DATE	DESCRIPTION	APPROVAL



PROFILE

**MATCHLINE 10+90
(SEE SHEET PP2)**



**BONAR STREET
PLAN**

MATCHLINE 10+90 (SEE SHEET PP2)

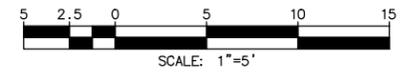
Bonar-N							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C1	10+03.47	2144100.59	6045680.49	S71°18'34"E	10.00'	9.32'	5.03'
C2	10+12.79	2144097.71	6045689.00	S71°20'45"E	10.00'	9.34'	5.04'
L1	10+22.13	2144094.83	6045697.53	N81°54'26"E	--	160.68'	--

IMPROVEMENT KEYNOTES

- ① CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
- ③ CONSTRUCT 2" AC OVERLAY.
- ④ CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
- ⑤ CONSTRUCT MEDIAN CURB PER CITY OF BERKELEY STANDARD PLAN 8146.
- ⑥ CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
- ⑨ CONSTRUCT CASE "A" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- ⑪ CONSTRUCT TREE WELL, DIMENSIONS PER PLAN.
- ⑳ ADJUST UTILITY BOX TO GRADE (AT&T).
- ㉑ ADJUST UTILITY BOX, VALVE & CLEANOUT TO GRADE (CITY).
- ㉓ ADJUST UTILITY BOX TO GRADE (PG&E).
- ㉔ ADJUST WATER METER BOX TO GRADE (EBMUD).
- ㉖ ADJUST WATER VALVE BOX TO GRADE (EBMUD).
- ㉗ SEE TRAFFIC SIGNAL PLANS AND PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL ON TX-01 SHEET.

LEGEND

- NEW CONCRETE SIDEWALK
- NEW BUS STOP PAD
- NEW PAVEMENT SECTION
- TREE WELL
- 2" AC OVERLAY
- SAWCUT



DIABLO ENGINEERING GROUP
 1300 CLAY STREET, SUITE 600
 OAKLAND, CA 94612
 (510) 550-8959

PROJECT MANAGER: _____ DATE _____
 SURVEY PARTY CHIEF _____ DATE _____
 WATERSHED REVIEW: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____
 SUBMITTED: _____ DATE _____
 SUPERVISING ENGINEER _____
 APPROVED: _____ DATE _____
 CITY ENGINEER _____

DESIGN AT _____ DATE _____
 DRAWN AT _____ DATE _____
 CHECK JAH _____ DATE _____
 AS BUILT _____ DATE _____

HORIZ. 1" = 5'
 VERT. 1" = 1'
 BOOK _____
 DATE 08/22/24

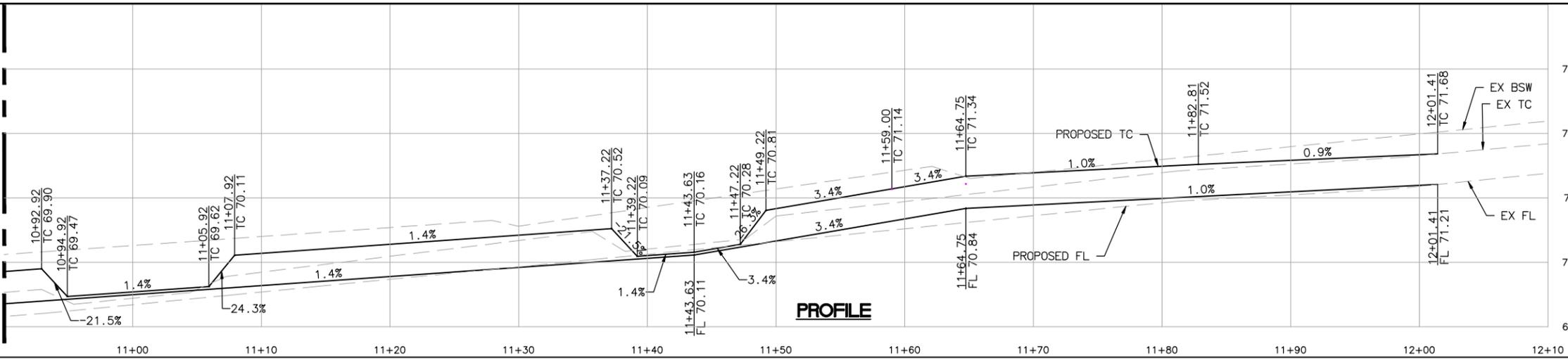
CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP
 IMPROVEMENTS
 STREET PLAN AND PROFILE
 UNIVERSITY AVE/BONAR ST

PLAN 8283
 FILE 503-640
 PP-01
 SHEET 7 OF 28

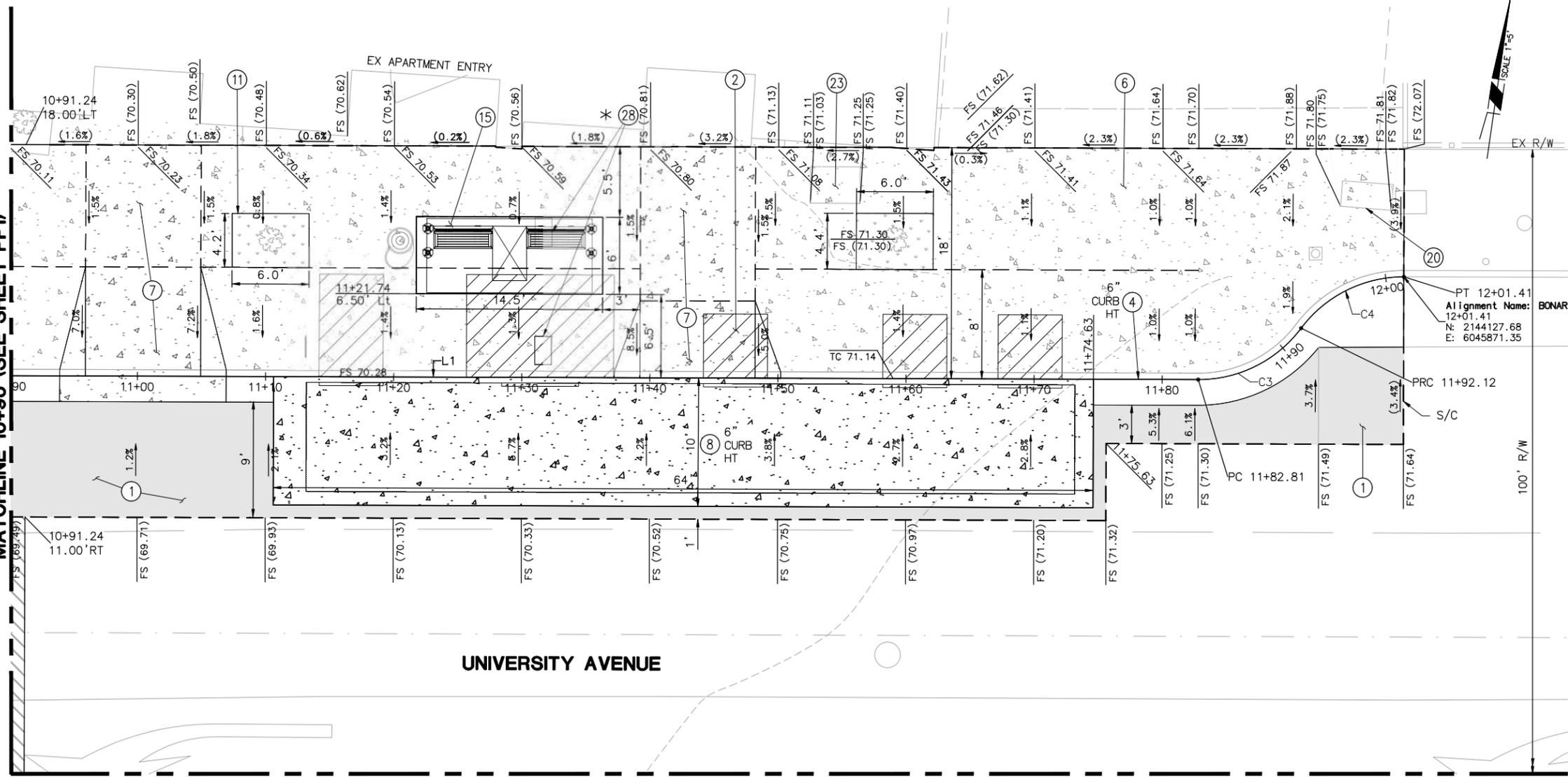
REVISION	MARK	DATE	DESCRIPTION	APPROVAL

MATCHLINE 10+90
(SEE SHEET PP1)



73
72
71
70
69

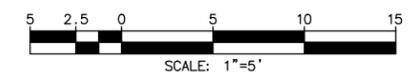
MATCHLINE 10+90 (SEE SHEET PP1)



- IMPROVEMENT KEYNOTES**
- CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
 - AC TRANSIT ACCESSIBLE LANDING ZONES.
 - CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
 - CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
 - CONSTRUCT DRIVEWAY PER CITY OF BERKELEY STANDARD PLAN 8151.
 - CONSTRUCT BUS PAD PER CITY OF BERKELEY STANDARD PLAN 8150 (CURB HEIGHT PER PLAN).
 - CONSTRUCT TREE WELL, DIMENSIONS PER PLAN.
 - INSTALL BUS SHELTER PAD PER DETAIL ON TX-01 SHEET.
 - ADJUST UTILITY BOX TO GRADE (AT&T).
 - ADJUST UTILITY BOX TO GRADE (PG&E).
 - EBMUD TO RELOCATE WATER METER. CONTRACTOR TO CONNECT PRIVATE WATER LINE INTO THE NEW EBUMD METER.

- LEGEND**
- NEW CONCRETE SIDEWALK
 - NEW BUS STOP PAD
 - NEW PAVEMENT SECTION
 - TREE WELL
 - 2" AC OVERLAY
 - SAWCUT
 - AC TRANSIT ACCESSIBLE LANDING ZONE, REAR CLEAR ZONE, AND OTHER REAR DOOR ACCESS ROUTES.

* CONTRACTOR TO COORDINATE METER BOX RELOCATION WITH EBUMD



Bonar-N							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C3	11+82.81	2144117.45	6045856.61	N55°14'45"E	10.00'	9.31'	5.02'
C4	11+92.12	2144122.57	6045863.99	N55°12'45"E	10.00'	9.29'	5.01'
L1	10+22.13	2144094.83	6045697.53	N81°54'26"E	--	160.68'	--



DIABLO ENGINEERING GROUP
1300 CLAY STREET, SUITE 600
OAKLAND, CA 94612
(510) 550-8959

PROJECT MANAGER: _____ DATE _____
DEPICTION OF MONUMENTS: _____ DATE _____
SURVEY PARTY CHIEF: _____ DATE _____
WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____
SUPERVISING ENGINEER: _____
APPROVED: _____ DATE _____
CITY ENGINEER: _____

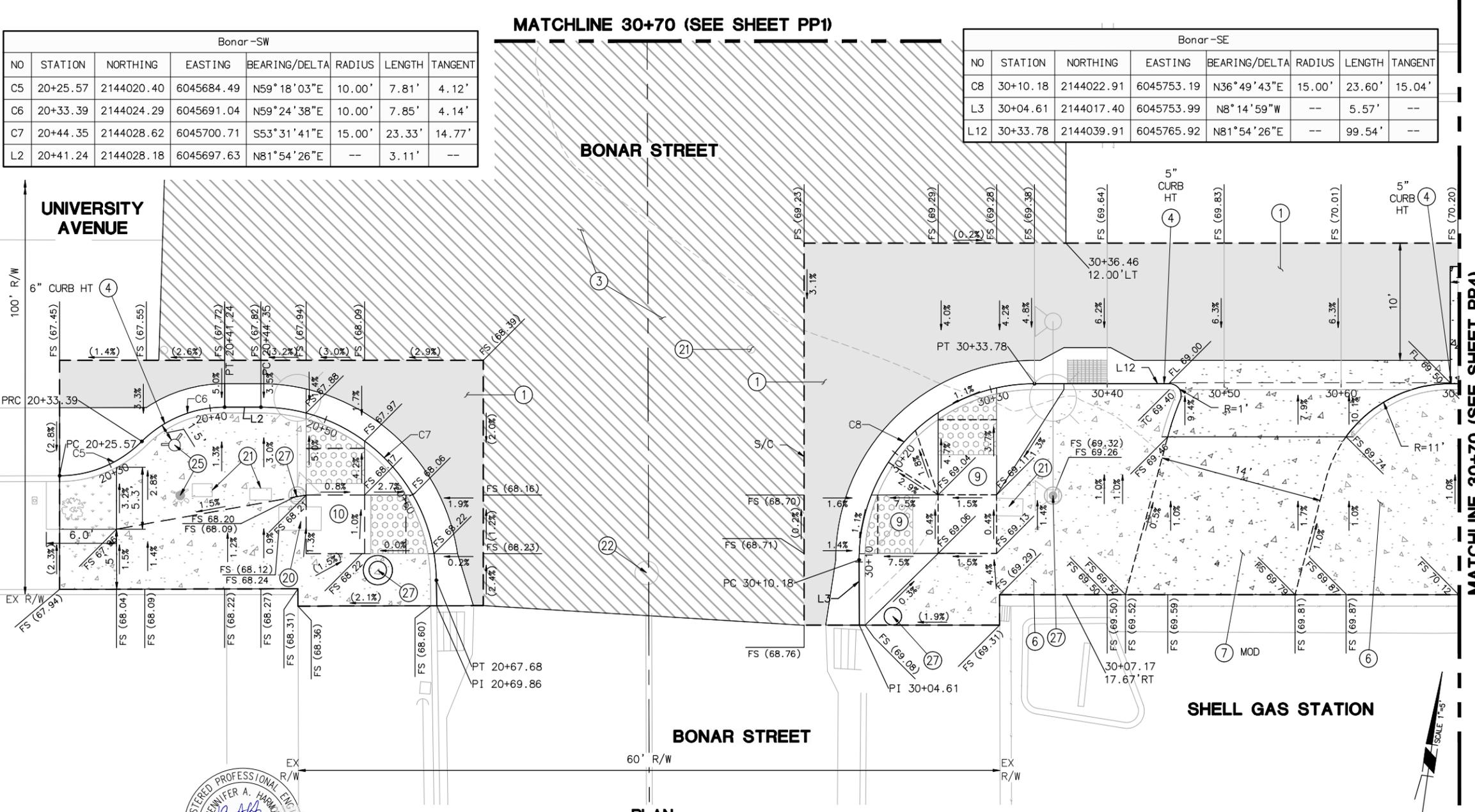
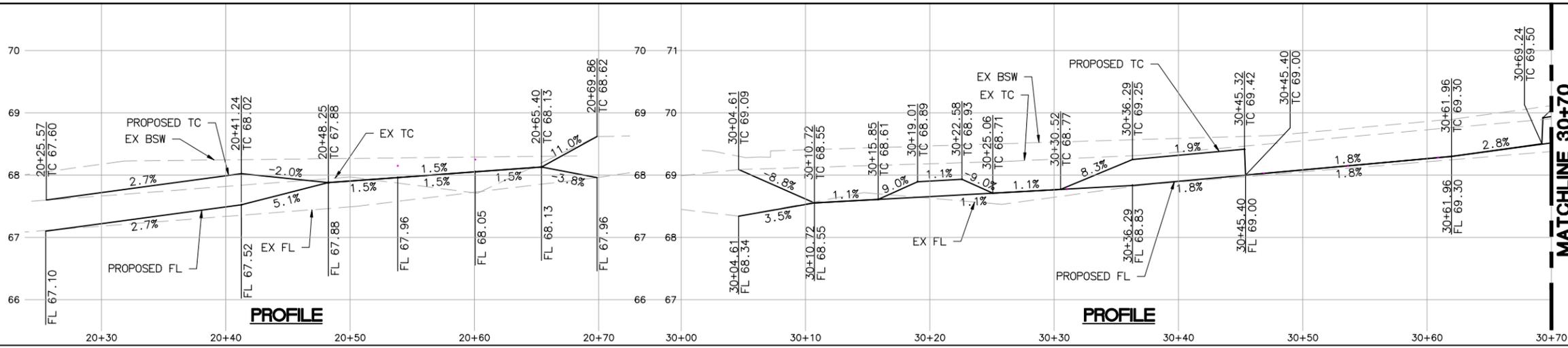
DESIGN: AT
DRAWN: AT
CHECK: JAH
AS BUILT: _____
HORIZ. 1" = 5'
VERT. 1" = 1'
BOOK: _____
DATE: 08/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
STREET PLAN AND PROFILE
UNIVERSITY AVE/BONAR ST

PLAN 8283
FILE 503-640
PP-02
SHEET 8 OF 28

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8/26/2024 11:55 AM Aleksandra.Torbica



Bonar--SW							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C5	20+25.57	2144020.40	6045684.49	N59°18'03"E	10.00'	7.81'	4.12'
C6	20+33.39	2144024.29	6045691.04	N59°24'38"E	10.00'	7.85'	4.14'
C7	20+44.35	2144028.62	6045700.71	S53°31'41"E	15.00'	23.33'	14.77'
L2	20+41.24	2144028.18	6045697.63	N81°54'26"E	--	3.11'	--

Bonar--SE							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C8	30+10.18	2144022.91	6045753.19	N36°49'43"E	15.00'	23.60'	15.04'
L3	30+04.61	2144017.40	6045753.99	N8°14'59"W	--	5.57'	--
L12	30+33.78	2144039.91	6045765.92	N81°54'26"E	--	99.54'	--

IMPROVEMENT KEYNOTES

- 1 CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
- 3 CONSTRUCT 2" AC OVERLAY.
- 4 CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
- 6 CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
- 7 CONSTRUCT DRIVEWAY PER CITY OF BERKELEY STANDARD PLAN 8151.
- 9 CONSTRUCT CASE "A" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- 10 CONSTRUCT BLENDED TRANSITION.
- 20 ADJUST UTILITY BOX TO GRADE (AT&T).
- 21 ADJUST UTILITY BOX, VALVE & CLEANOUT TO GRADE (CITY).
- 22 ADJUST MAINTENANCE HOLE TO GRADE (CITY).
- 25 CONTRACTOR SHALL COORDINATE WITH EBMUD'S CREWS FOR RELOCATION OF FIRE HYDRANT.
- 27 SEE TRAFFIC SIGNAL PLANS AND PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL ON TX-01 SHEET.

LEGEND

- NEW CONCRETE SIDEWALK
- NEW BUS STOP PAD
- NEW PAVEMENT SECTION
- TREE WELL
- 2" AC OVERLAY
- SAWCUT



1300 CLAY STREET, SUITE 600
OAKLAND, CA 94612
(510) 550-8959

PROJECT MANAGER:	DATE:	DEPICTION OF MONUMENTS:	DATE:	SUBMITTED:	DATE:
		SURVEY PARTY CHIEF:		REGISTERED ENGINEER:	
		WATERSHED REVIEW:		DESIGN:	
				DRAWN:	
				CHECK:	
				AS BUILT:	

APPROVED:	DATE:	HORIZ.:	1" = 5'
CITY ENGINEER:		VERT.:	1" = 1'
		BOOK:	
		DATE:	08/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

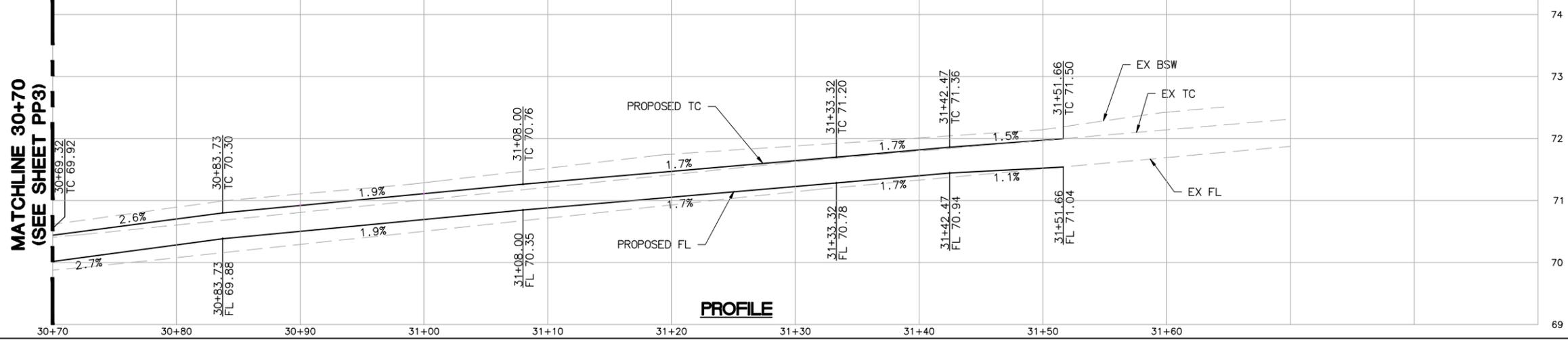
UNIVERSITY WEST BUS STOP
IMPROVEMENTS
STREET PLAN AND PROFILE
UNIVERSITY AVE/BONAR ST

PLAN 8283
FILE 503-640
PP-03
SHEET 9 OF 28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

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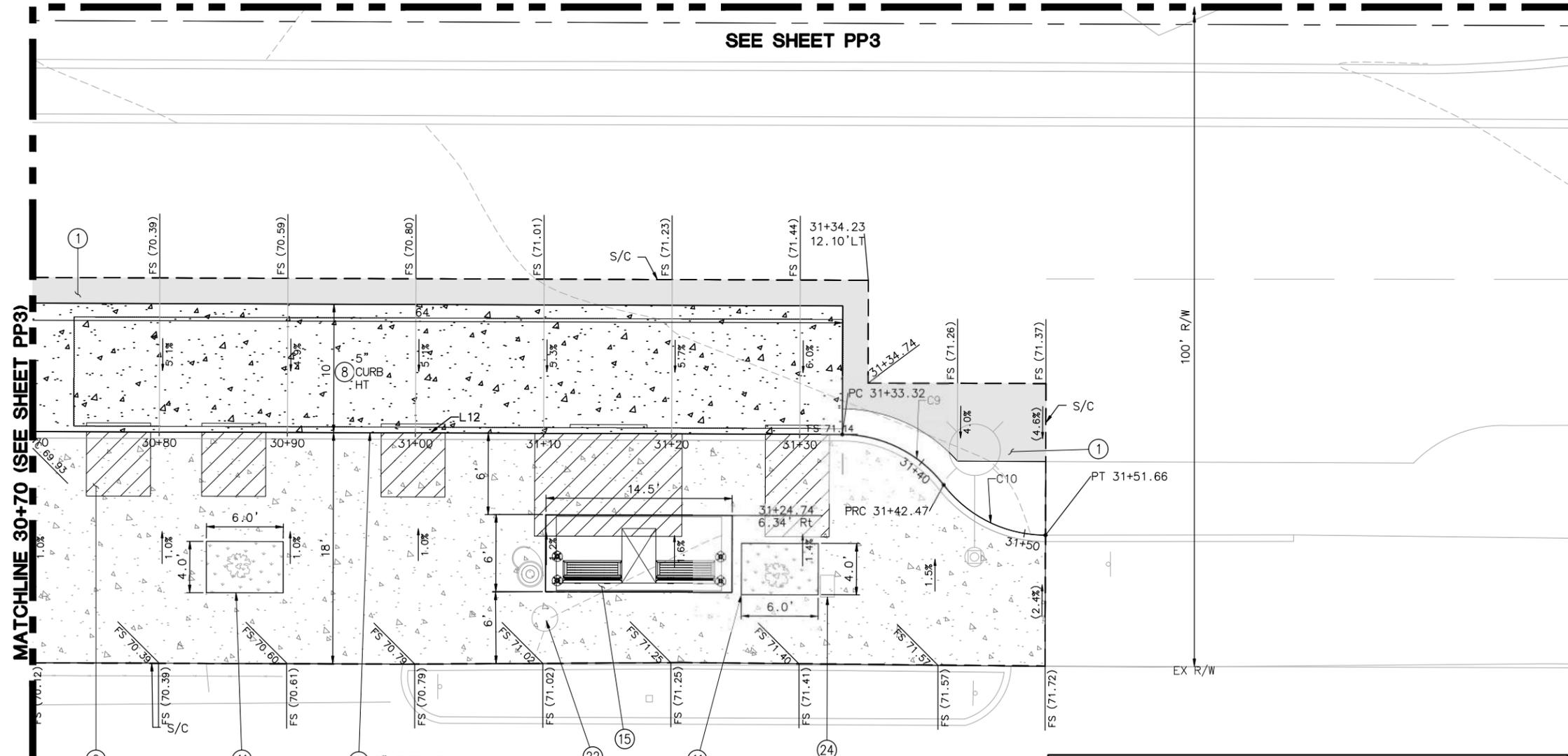
MATCHLINE 30+70
(SEE SHEET PP3)



PROFILE

SEE SHEET PP3

MATCHLINE 30+70 (SEE SHEET PP3)



SHELL GAS STATION

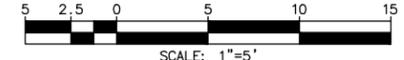
IMPROVEMENT KEYNOTES

- ① CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
- ② AC TRANSIT ACCESSIBLE LANDING ZONES.
- ④ CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
- ⑧ CONSTRUCT BUS PAD PER CITY OF BERKELEY STANDARD PLAN 8150 (CURB HEIGHT PER PLAN).
- ⑪ CONSTRUCT TREE WELL, DIMENSIONS PER PLAN.
- ⑮ INSTALL BUS SHELTER PAD PER DETAIL ON TX-01 SHEET.
- ⑳ ADJUST MAINTENANCE HOLE TO GRADE (CITY).
- ㉔ ADJUST WATER METER BOX TO GRADE (EBMUD).

LEGEND

- NEW CONCRETE SIDEWALK
- NEW BUS STOP PAD
- NEW PAVEMENT SECTION
- TREE WELL
- 2" AC OVERLAY
- SAWCUT
- AC TRANSIT ACCESSIBLE LANDING ZONE, REAR CLEAR ZONE, AND OTHER REAR DOOR ACCESS ROUTES.

Bonar - SE							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C9	31+33.32	2144053.92	6045864.47	S71°53'04"E	10.00'	9.15'	4.92'
C10	31+42.47	2144051.18	6045872.86	S72°00'32"E	10.00'	9.19'	4.95'
L12	30+33.78	2144039.91	6045765.92	N81°54'26"E	--	99.54'	--



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OAKLAND, CA 94612
(510) 550-8959

PLAN

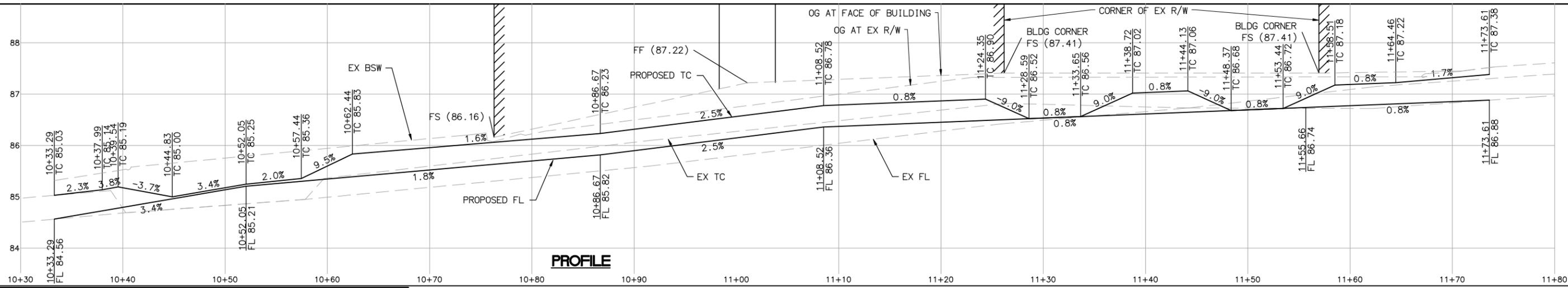
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_____	_____	_____	_____	_____	_____	DRAWN: AT _____	VERT. 1" = 1'
_____	_____	_____	_____	_____	_____	CHECK: JAH _____	BOOK: _____
_____	_____	_____	_____	_____	_____	AS BUILT: _____	DATE: 08/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

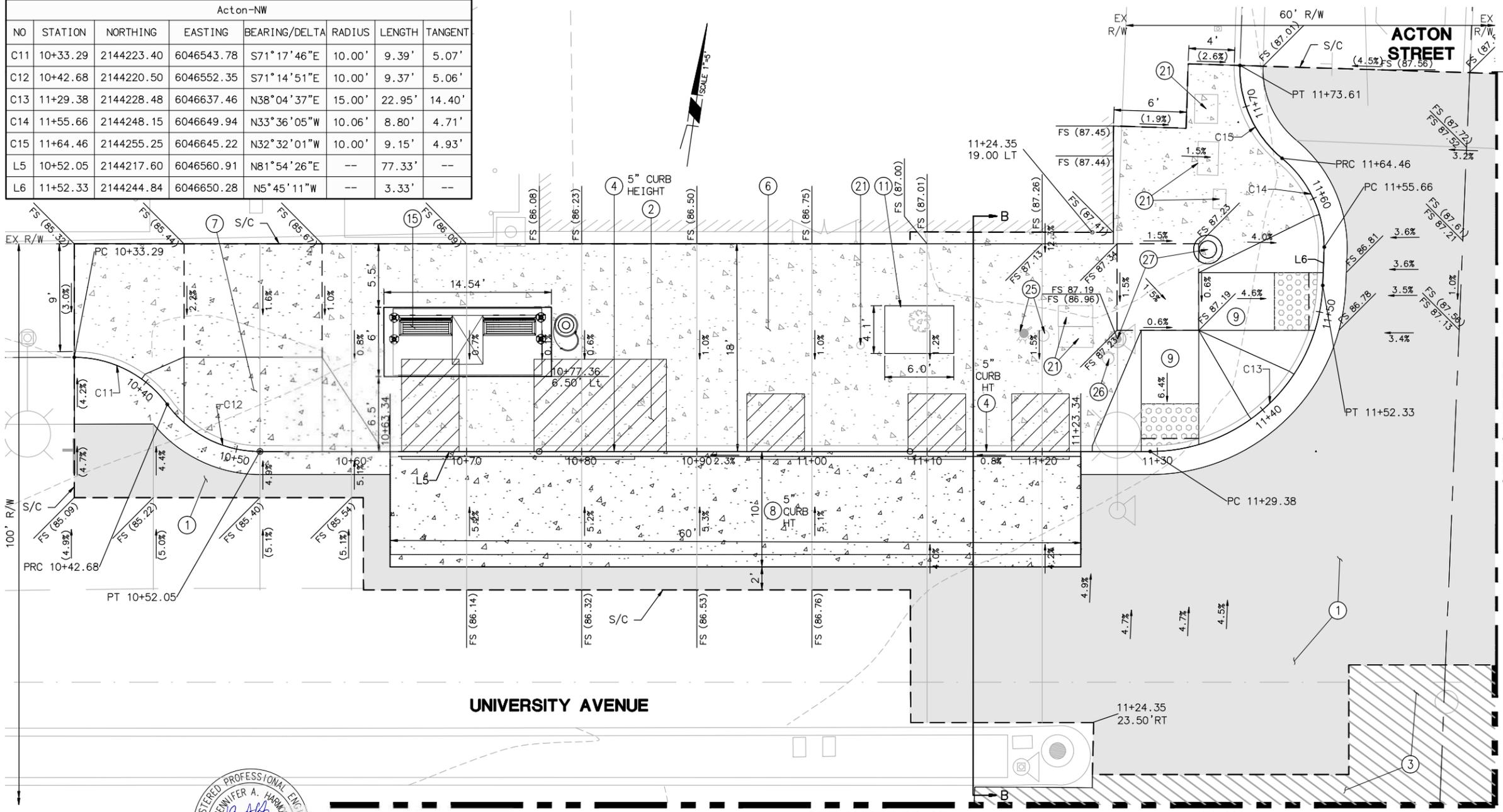
UNIVERSITY WEST BUS STOP IMPROVEMENTS
STREET PLAN AND PROFILE
UNIVERSITY AVE/BONAR ST

PLAN 8283
FILE 503-640
PP-04
SHEET 10 OF 28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

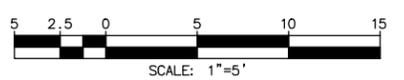


Acton-NW							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C11	10+33.29	2144223.40	6046543.78	S71°17'46"E	10.00'	9.39'	5.07'
C12	10+42.68	2144220.50	6046552.35	S71°14'51"E	10.00'	9.37'	5.06'
C13	11+29.38	2144228.48	6046637.46	N38°04'37"E	15.00'	22.95'	14.40'
C14	11+55.66	2144248.15	6046649.94	N33°36'05"W	10.06'	8.80'	4.71'
C15	11+64.46	2144255.25	6046645.22	N32°32'01"W	10.00'	9.15'	4.93'
L5	10+52.05	2144217.60	6046560.91	N81°54'26"E	--	77.33'	--
L6	11+52.33	2144244.84	6046650.28	N5°45'11"W	--	3.33'	--



- IMPROVEMENT KEYNOTES**
- CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
 - AC TRANSIT ACCESSIBLE LANDING ZONES.
 - CONSTRUCT 2" AC OVERLAY.
 - CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
 - CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
 - CONSTRUCT DRIVEWAY PER CITY OF BERKELEY STANDARD PLAN 8151.
 - CONSTRUCT BUS PAD PER CITY OF BERKELEY STANDARD PLAN 8150 (CURB HEIGHT PER PLAN).
 - CONSTRUCT CASE "A" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
 - CONSTRUCT TREE WELL, DIMENSIONS PER PLAN.
 - INSTALL BUS SHELTER PAD PER DETAIL ON TX-01 SHEET.
 - ADJUST UTILITY BOX, VALVE & CLEANOUT TO GRADE (CITY).
 - CONTRACTOR SHALL COORDINATE WITH EBMUD'S CREWS FOR RELOCATION OF FIRE HYDRANT.
 - ADJUST WATER VALVE BOX TO GRADE (EBMUD).
 - SEE TRAFFIC SIGNAL PLANS AND PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL ON TX-01 SHEET.

- LEGEND**
- NEW CONCRETE SIDEWALK
 - NEW BUS STOP PAD
 - NEW PAVEMENT SECTION
 - TREE WELL
 - 2" AC OVERLAY
 - SAWCUT
 - AC TRANSIT ACCESSIBLE LANDING ZONE, REAR CLEAR ZONE, AND OTHER REAR DOOR ACCESS ROUTES.



PROJECT MANAGER:	DATE:	DEPICTION OF MONUMENTS:	DATE:	SUBMITTED:	DATE:
		SURVEY PARTY CHIEF:		SUPERVISING ENGINEER:	
		WATERSHED REVIEW:		APPROVED:	
				CITY ENGINEER:	

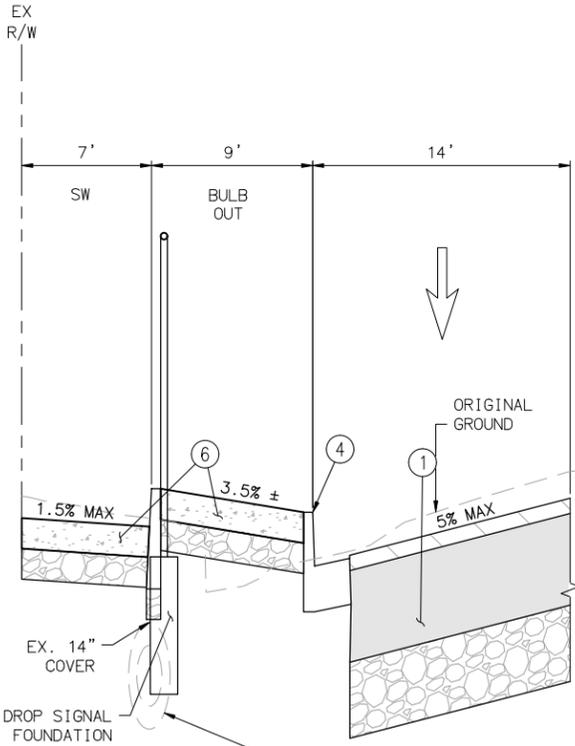
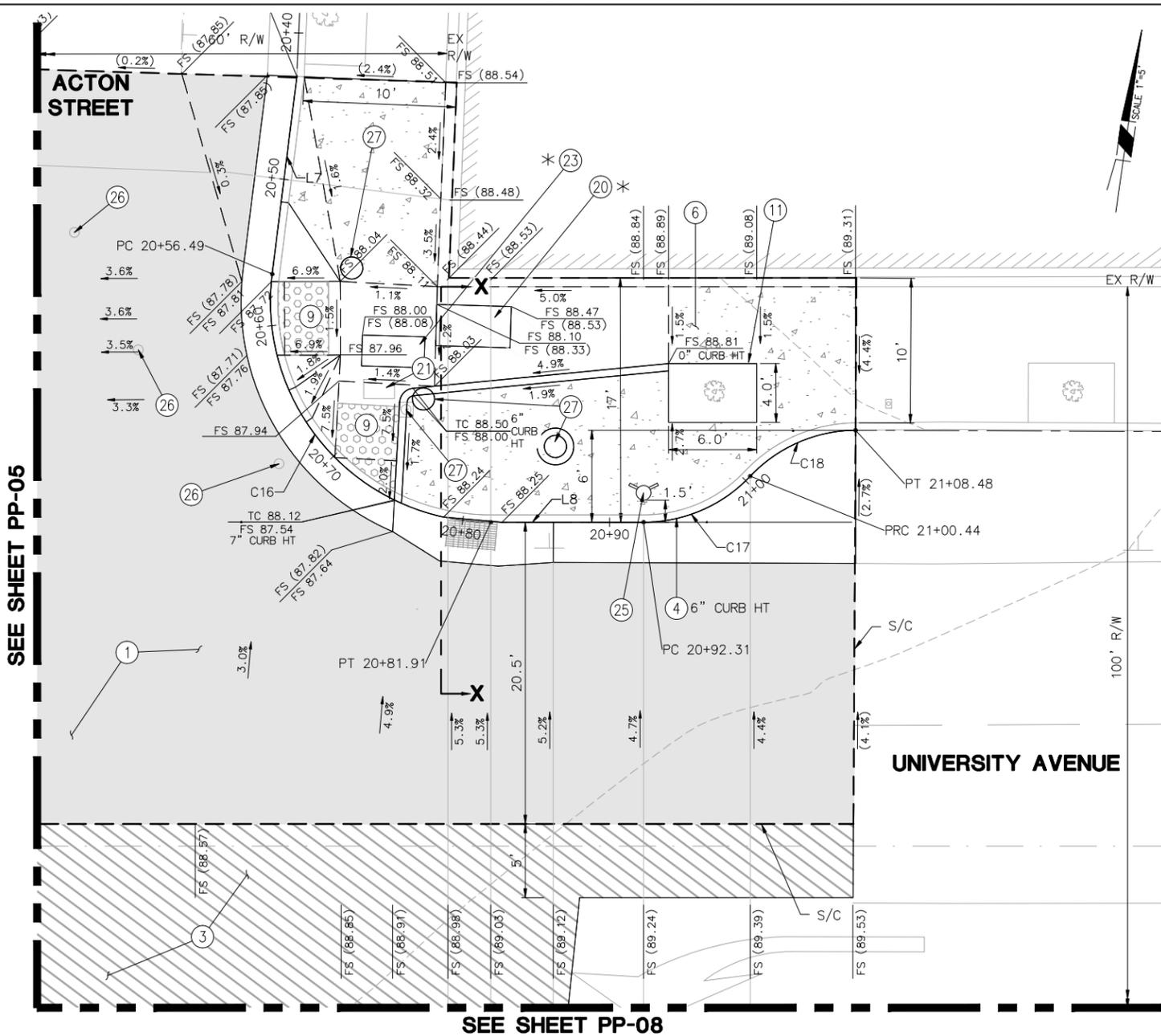
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	0 1 2 3	DATE REGIST.:	AT	HORIZ. 1" = 5'
		EXP.:	AT	VERT. 1" = 1'
		DATE R.C.E.:	JAH	BOOK
		EXP.:	AS BUILT	DATE 08/22/24

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
 STREET PLAN AND PROFILE
 UNIVERSITY AVE/ACTON ST

PLAN 8283
 FILE 503-640
 PP-05
 SHEET 11 OF 28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



NOTE:
 VARIABLE HEIGHT VERTICAL CURB BETWEEN SIDEWALKS PER CITY OF BERKELEY STANDARD PLAN 8146. WORK INCLUDED IN COST OF CURB RAMP.

EX 6" CAST IRON EBMUD PIPE TO BE RELOCATED BY EBMUD PRIOR TO PROJECT CONSTRUCTION. CONTRACTOR TO REMOVE ANY ABANDONED PORTION AS NEEDED FOR CONSTRUCTING OTHER ITEMS OF WORK AT NO ADDITIONAL COST TO THE CITY.

DROP SIGNAL FOUNDATION AS NEEDED TO MAINTAIN MAX REACH

**SECTION X-X
 AT STA 20+78.50**



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 OAKLAND, CA 94612
 (510) 550-8959

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: AT _____	HORIZ. 1" = 5'
SURVEY PARTY CHIEF: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING ENGINEER: _____ DATE _____	DRAWN: AT _____	VERT. 1" = 1'
		APPROVED: _____ DATE _____	CHECK: JAH _____	BOOK _____
		CITY ENGINEER: _____ DATE _____	AS BUILT: _____	DATE 08/22/24

Acton-NE_ex vault							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C16	20+56.49	2144253.62	6046680.28	S49°31'58"E	15.00'	25.43'	16.99'
C17	20+92.31	2144240.49	6046707.68	N58°37'00"E	10.00'	8.13'	4.30'
C18	21+00.44	2144244.61	6046714.43	N58°21'43"E	10.00'	8.04'	4.25'
L7	20+42.96	2144267.14	6046680.05	S0°56'31"E	--	13.52'	--
L8	20+81.91	2144239.02	6046697.39	N81°54'26"E	--	10.40'	--

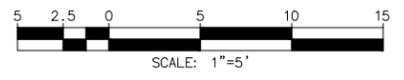
IMPROVEMENT KEYNOTES

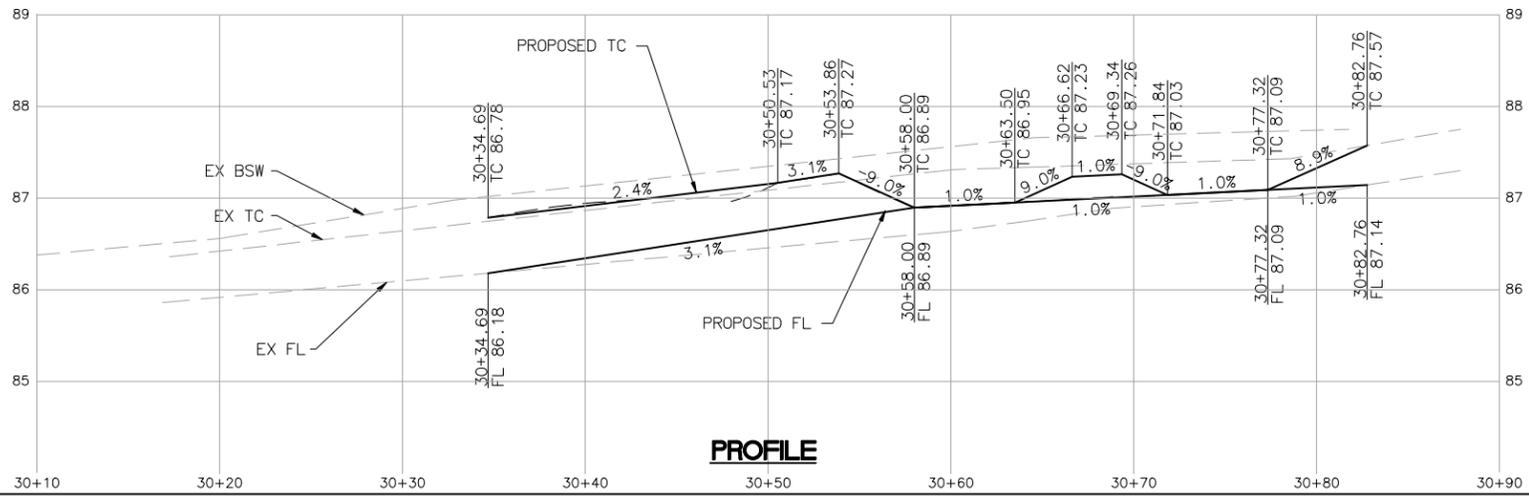
- ① CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
- ③ CONSTRUCT 2" AC OVERLAY.
- ④ CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
- ⑥ CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
- ⑨ CONSTRUCT CASE "A" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- ⑪ CONSTRUCT TREE WELL, DIMENSIONS PER PLAN.
- ⑫ ADJUST UTILITY BOX TO GRADE (AT&T).
- ⑬ ADJUST UTILITY BOX, VALVE & CLEANOUT TO GRADE (CITY).
- ⑭ ADJUST UTILITY BOX TO GRADE (PG&E).
- ⑮ CONTRACTOR SHALL COORDINATE WITH EBMUD'S CREWS FOR RELOCATION OF FIRE HYDRANT.
- ⑯ ADJUST WATER VALVE BOX TO GRADE (EBMUD).
- ⑰ SEE TRAFFIC SIGNAL PLANS AND PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL ON TX-01 SHEET.

* CONTRACTOR TO COORDINATE UTILITY BOX ADJUSTMENT WITH PG&E /AT&T

LEGEND

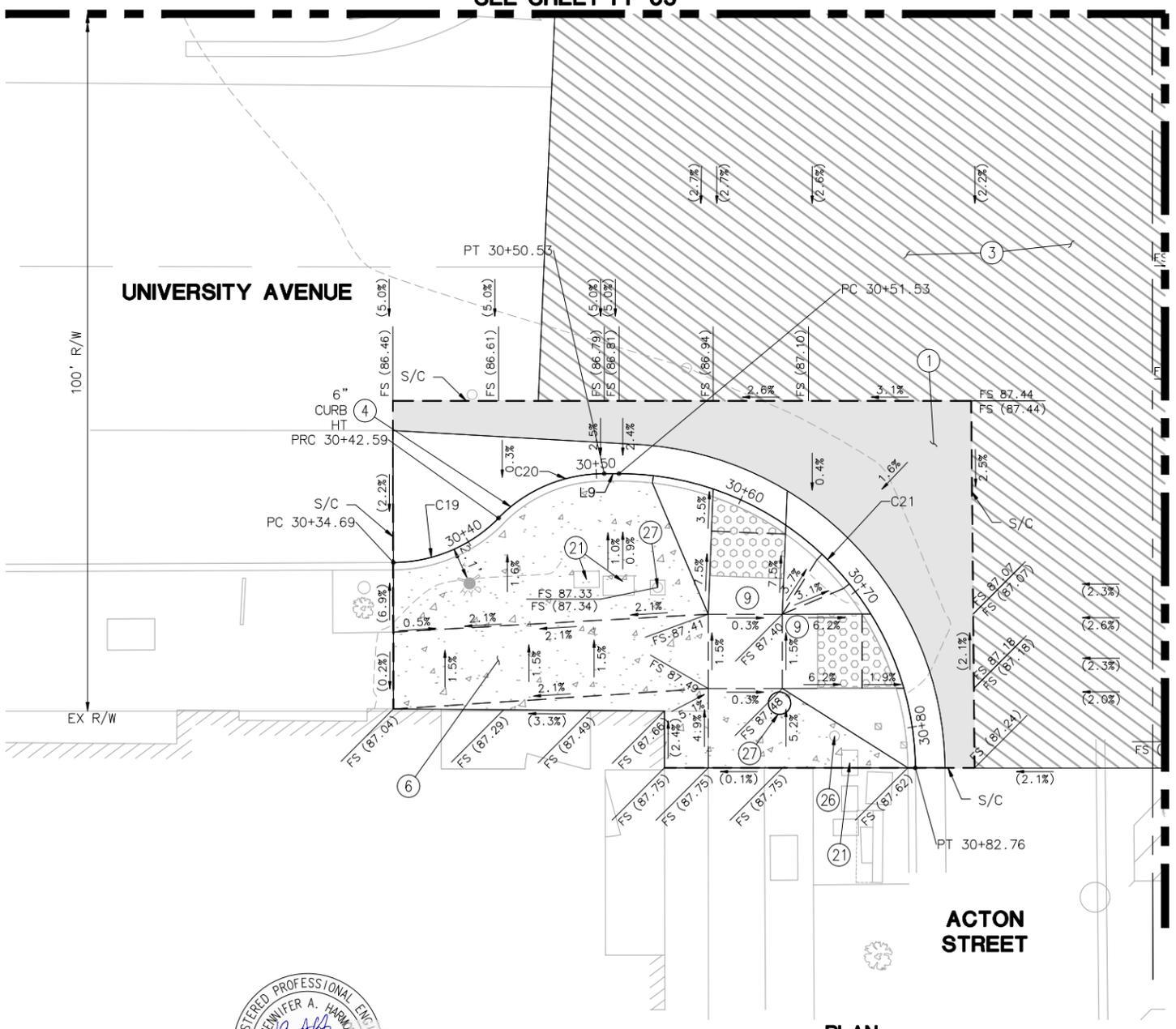
- NEW CONCRETE SIDEWALK
- NEW BUS STOP PAD
- NEW PAVEMENT SECTION
- TREE WELL
- 2" AC OVERLAY
- SAWCUT





PROFILE

SEE SHEET PP-05



PLAN

SEE SHEET PP-08

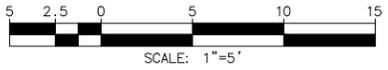
Acton-SW							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C19	30+34.69	2144153.50	6046621.47	N59°01'00"E	10.00'	7.90'	4.17'
C20	30+42.59	2144157.46	6046628.07	N59°08'42"E	10.00'	7.95'	4.20'
C21	30+51.53	2144161.57	6046635.69	S53°21'31"E	20.00'	31.23'	19.82'
L9	30+50.53	2144161.43	6046634.71	N81°54'26"E	--	1.00'	--

IMPROVEMENT KEYNOTES

- ① CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
- ③ CONSTRUCT 2" AC OVERLAY.
- ④ CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
- ⑥ CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
- ⑨ CONSTRUCT CASE "A" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- ⑳ ADJUST UTILITY BOX, VALVE & CLEANOUT TO GRADE (CITY).
- ㉑ ADJUST WATER VALVE BOX TO GRADE (EBMUD).
- ㉒ SEE TRAFFIC SIGNAL PLANS AND PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL ON TX-01 SHEET.

LEGEND

- NEW CONCRETE SIDEWALK
- NEW BUS STOP PAD
- NEW PAVEMENT SECTION
- TREE WELL
- 2" AC OVERLAY
- SAWCUT



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OAKLAND, CA 94612
(510) 550-8959

PROJECT MANAGER:	DATE:
SURVEY PARTY CHIEF:	DATE:
WATERSHED REVIEW:	DATE:

DEPICTION OF MONUMENTS:	DATE:
SUBMITTED:	DATE:
SUPERVISING ENGINEER:	DATE:
APPROVED:	DATE:
CITY ENGINEER:	DATE:

DESIGN:	AT
DRAWN:	AT
CHECK:	JAH
AS BUILT:	

HORIZ.:	1" = 5'
VERT.:	1" = 1'
BOOK:	
DATE:	08/22/24

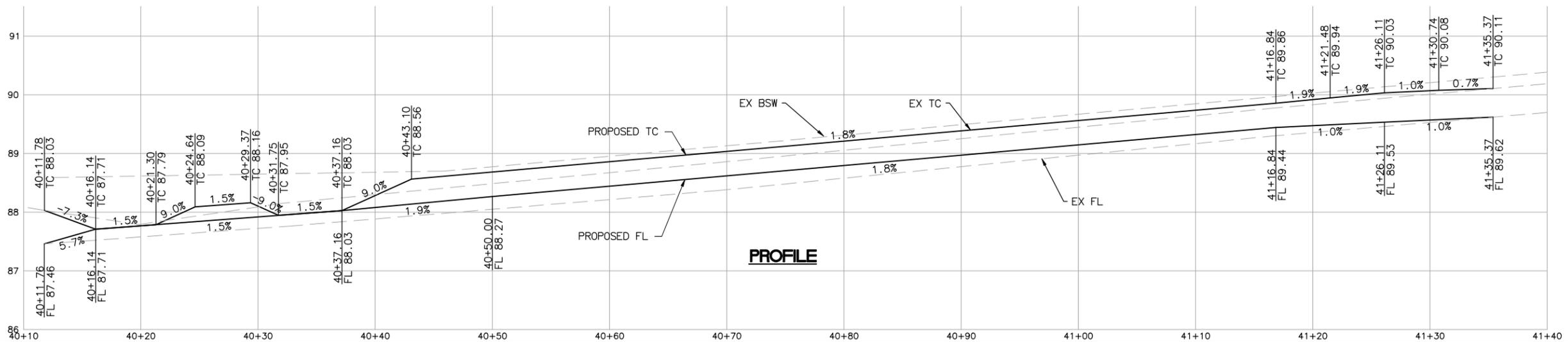
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP
IMPROVEMENTS
STREET PLAN AND PROFILE
UNIVERSITY AVE/ACTON ST

PLAN 8283
FILE 503-640
PP-07
SHEET 13 OF 28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

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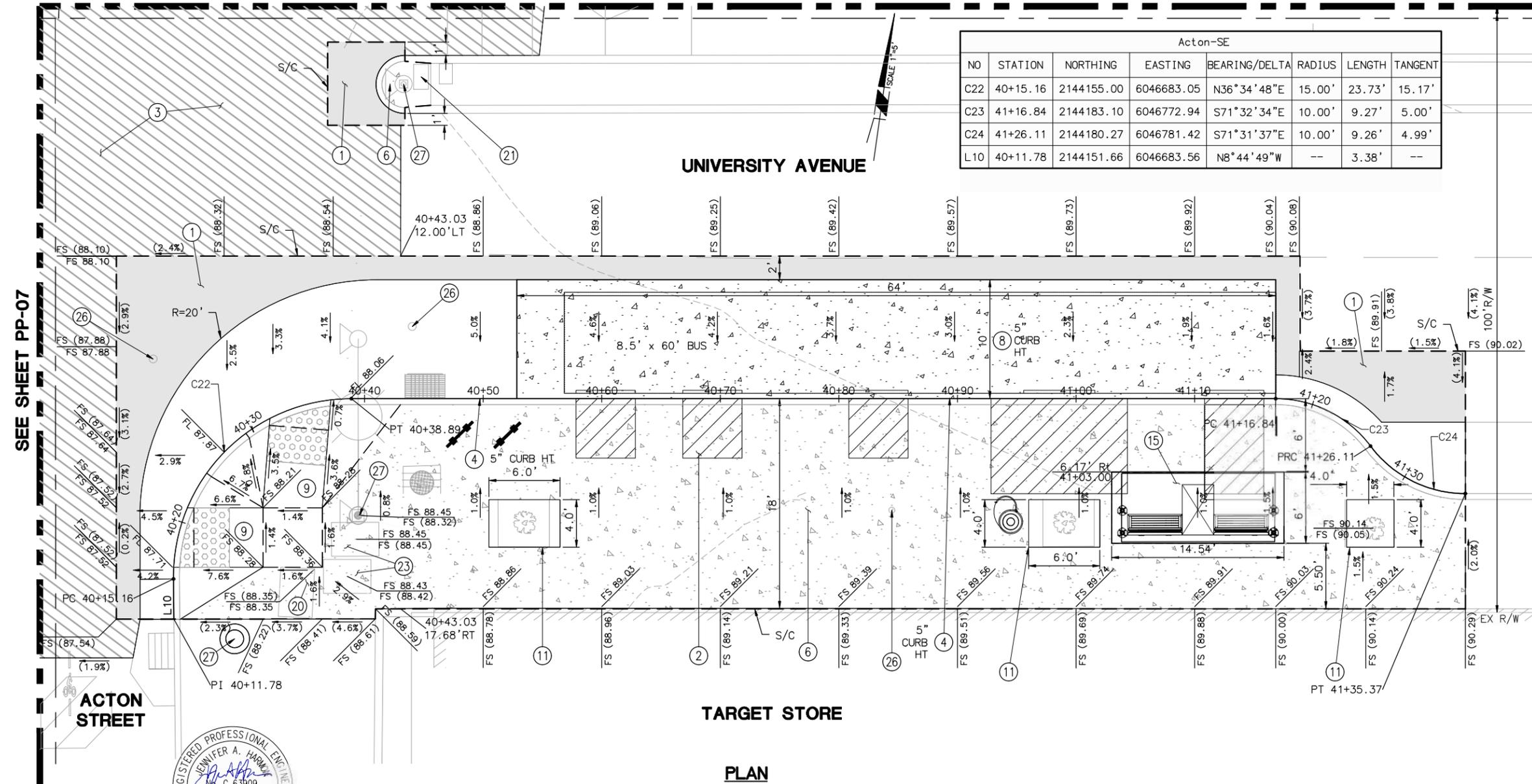


PROFILE

SEE SHEET PP-06

Acton-SE							
NO	STATION	NORTHING	EASTING	BEARING/DELTA	RADIUS	LENGTH	TANGENT
C22	40+15.16	2144155.00	6046683.05	N36°34'48"E	15.00'	23.73'	15.17'
C23	41+16.84	2144183.10	6046772.94	S71°32'34"E	10.00'	9.27'	5.00'
C24	41+26.11	2144180.27	6046781.42	S71°31'37"E	10.00'	9.26'	4.99'
L10	40+11.78	2144151.66	6046683.56	N8°44'49"W	--	3.38'	--

UNIVERSITY AVENUE



TARGET STORE

PLAN

IMPROVEMENT KEYNOTES

- ① CONSTRUCT MINIMUM PAVEMENT SECTION PER DETAIL ON TX-01 SHEET.
- ② AC TRANSIT ACCESSIBLE LANDING ZONES.
- ③ CONSTRUCT 2" AC OVERLAY.
- ④ CONSTRUCT CURB AND GUTTER PER CITY OF BERKELEY STANDARD PLAN 8145 (CURB HEIGHT AND GUTTER WIDTH/CROSS SLOPE PER PLAN).
- ⑥ CONSTRUCT SIDEWALK PER CITY OF BERKELEY STANDARD PLAN 8153.
- ⑧ CONSTRUCT BUS PAD PER CITY OF BERKELEY STANDARD PLAN 8150 (CURB HEIGHT PER PLAN).
- ⑨ CONSTRUCT CASE "A" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- ⑪ CONSTRUCT TREE WELL, DIMENSIONS PER PLAN.
- ⑮ INSTALL BUS SHELTER PAD PER DETAIL ON TX-01 SHEET.
- ⑳ ADJUST UTILITY BOX TO GRADE (AT&T).
- ㉑ ADJUST UTILITY BOX, VALVE & CLEANOUT TO GRADE (CITY).
- ㉒ ADJUST UTILITY BOX TO GRADE (PG&E).
- ㉔ ADJUST WATER VALVE BOX TO GRADE (EBMUD).
- ㉕ SEE TRAFFIC SIGNAL PLANS AND PEDESTRIAN PUSH BUTTON REACH RANGE DETAIL ON TX-01 SHEET.

LEGEND

- NEW CONCRETE SIDEWALK
- NEW BUS STOP PAD
- NEW PAVEMENT SECTION
- TREE WELL
- 2" AC OVERLAY
- SAWCUT
- AC TRANSIT ACCESSIBLE LANDING ZONE, REAR CLEAR ZONE, AND OTHER REAR DOOR ACCESS ROUTES.



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OAKLAND, CA 94612
(510) 550-8959

PROJECT MANAGER:	DATE	DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF:	DATE	WATERSHED REVIEW:	DATE

SUBMITTED:	DATE	DESIGN:	AT
SUPERVISING ENGINEER:	DATE	DRAWN:	AT
APPROVED:	DATE	CHECK:	JAH
CITY ENGINEER:	DATE	AS BUILT:	

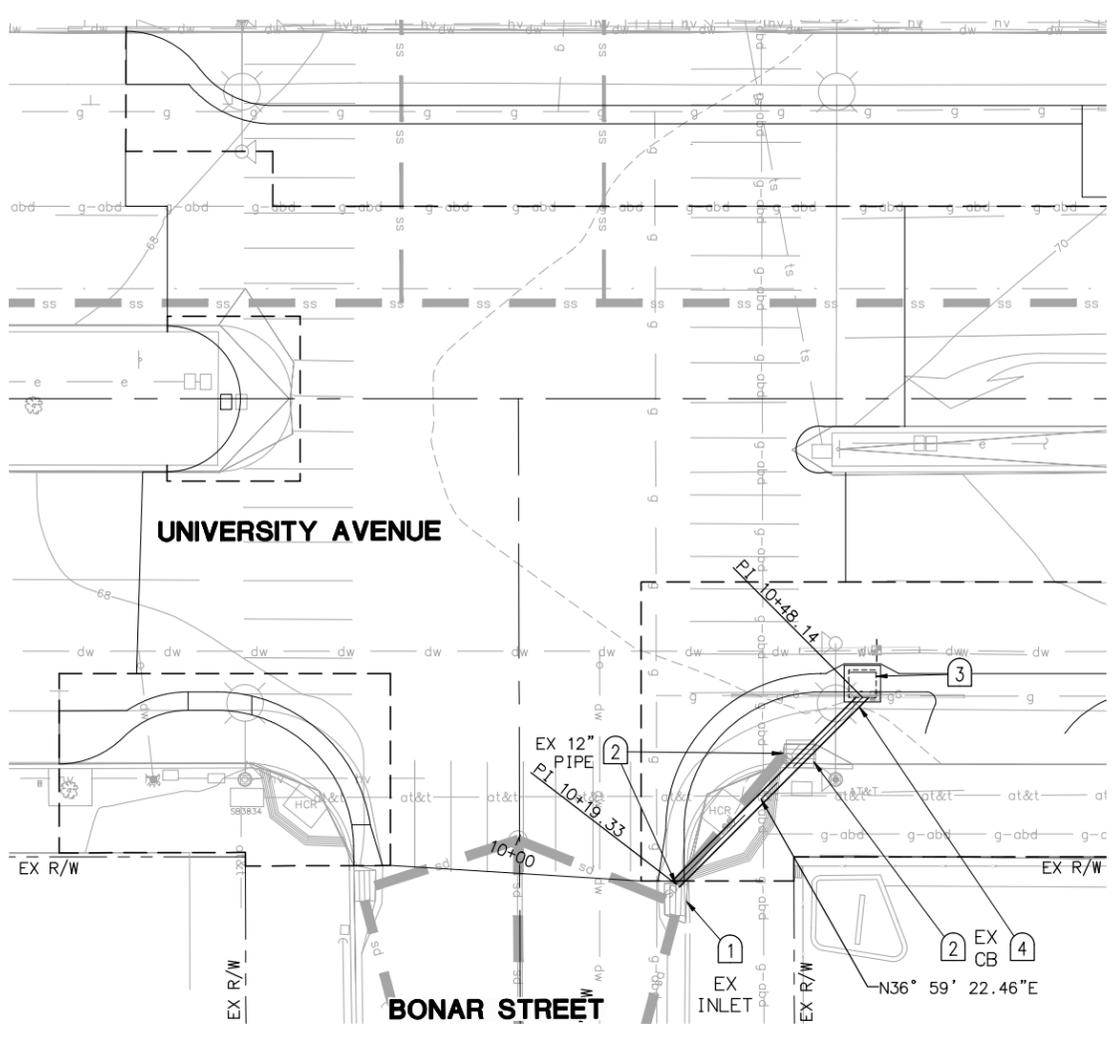
HORIZ.:	1" = 5'
VERT.:	1" = 2'
BOOK:	
DATE:	08/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

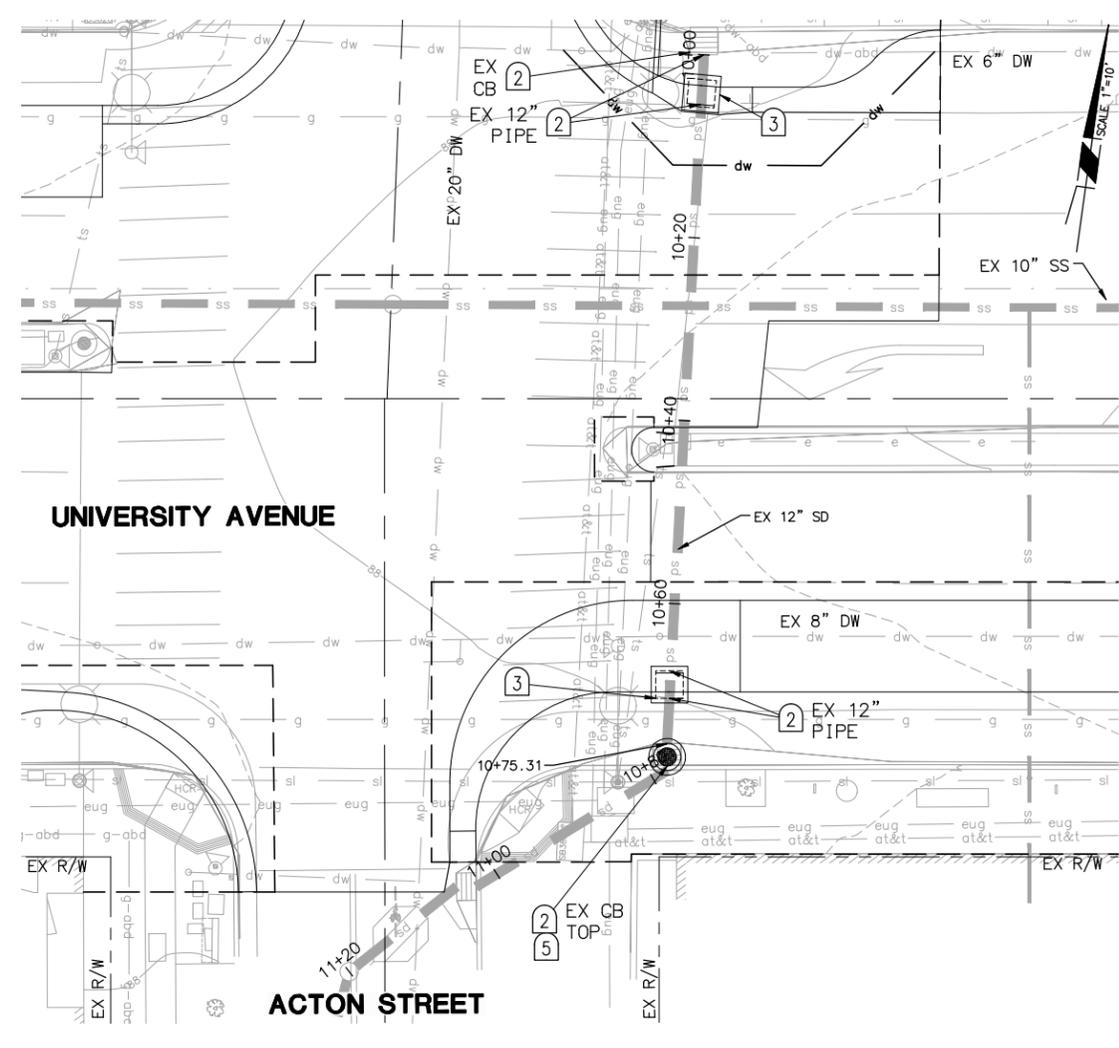
UNIVERSITY WEST BUS STOP IMPROVEMENTS
STREET PLAN AND PROFILE
UNIVERSITY AVE/ACTON ST

PLAN 8283
FILE 503-640
PP-08
SHEET 14 OF 28

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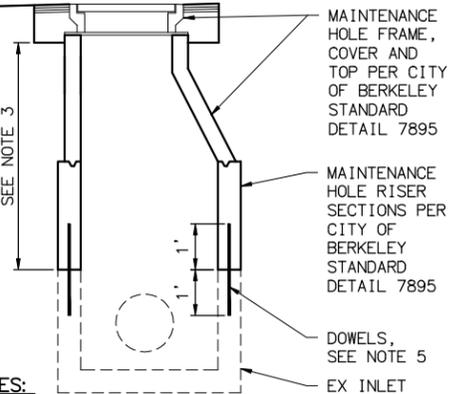


SCALE 1"=10'



STORM DRAIN IMPROVEMENT NOTES

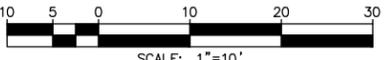
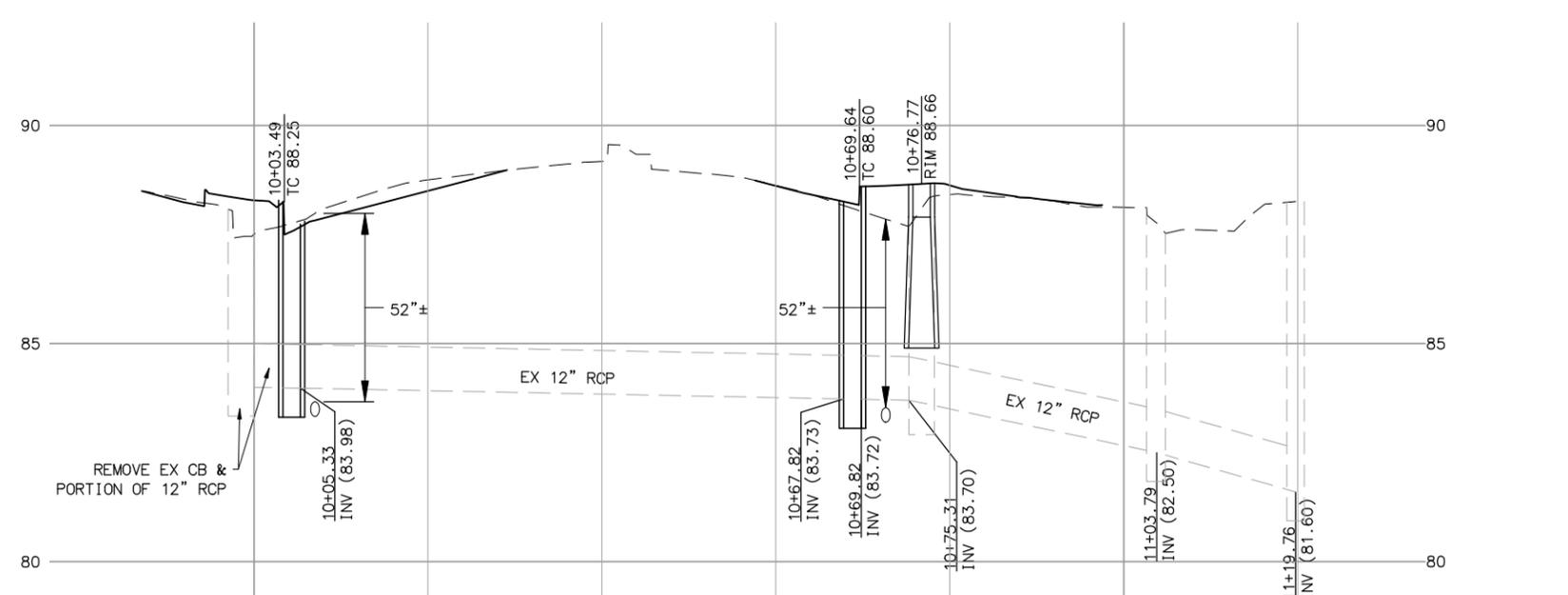
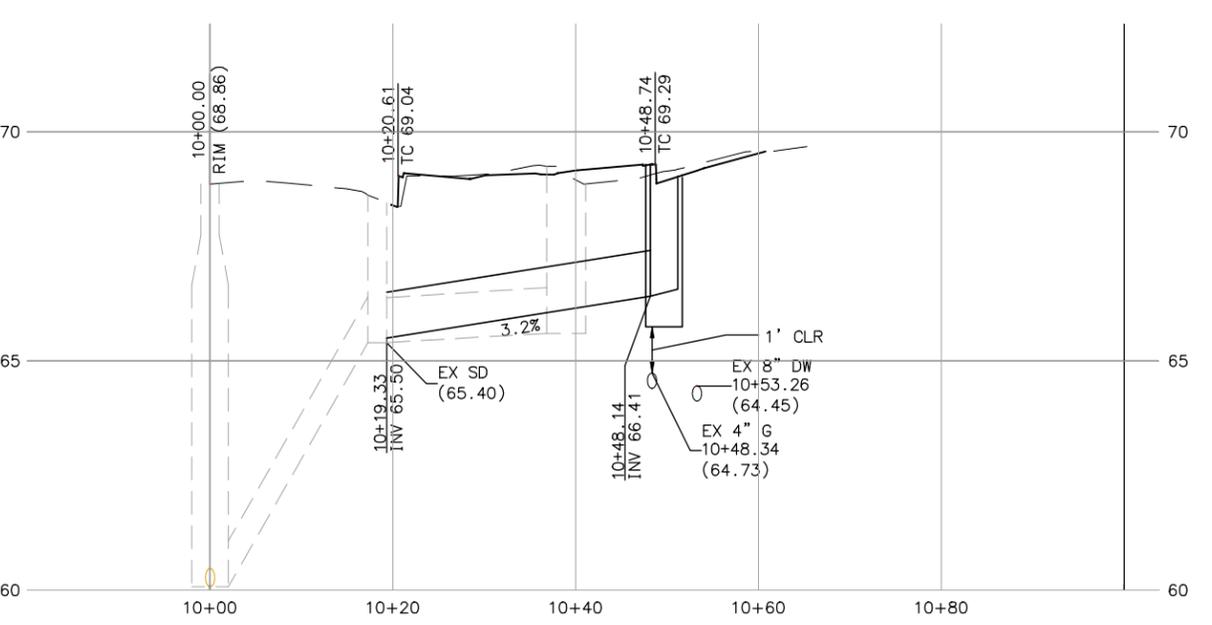
- 1 PROTECT EXISTING IMPROVEMENT AS NOTED.
- 2 REMOVE EXISTING IMPROVEMENT AS NOTED.
- 3 INSTALL CATCH BASIN WITH CURB INLET PER CITY OF BERKELEY STANDARD PLAN 6166 & TRASH CAPTURE SCREEN.
- 4 INSTALL 12" RCP.
- 5 INSTALL MAINTENANCE HOLE ON TOP OF EXISTING CATCH BASIN BASE PER CITY OF BERKELEY STANDARD DETAIL 7895 AND DETAIL HEREON.



NOTES:

1. ALL REINFORCED CONCRETE SHALL BE CLASS 2 (590LBS. PORTLAND CEMENT PER CUBIC YARD).
2. SEE CITY OF BERKELEY STANDARD DETAIL 7895 FOR MAINTENANCE HOLE FRAME AND COVER DETAIL.
3. DISTANCE VARIES DEPENDING ON SIDE OPENING DIMENSION.
4. MAINTENANCE HOLE COVER FRAME SHALL BE ADJUSTED TO CONFORM TO GRADE AND CROSS SLOPE OF PAVEMENT.
5. DOWELS SHALL BE #4@8" O.C. INTO EACH EX. WALL. DOWELS SHALL BE PLACED IN 3/4" DIA. DRILLED HOLES WITH 1:1 SAND CEMENT GROUT.

5 MAINTENANCE HOLE ON EX CATCH BASIN BASE
N.T.S.



DIABLO ENGINEERING GROUP
1300 CLAY STREET, SUITE 600
OAKLAND, CA 94612
(510) 550-8959

PROJECT MANAGER: _____ DATE _____
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SURVEY PARTY CHIEF _____ DATE _____
WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____
SUPERVISING ENGINEER _____
APPROVED: _____ DATE _____
CITY ENGINEER _____

DESIGN AT _____ DATE _____
DRAWN AT _____ DATE _____
CHECK JAH _____ DATE _____
AS BUILT _____ DATE _____

HORIZ. 1" = 10'
VERT. 1" = 2'
BOOK _____
DATE 08/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
STORM DRAIN PLAN AND PROFILE

PLAN 8283
FILE 503-640
SD-01
SHEET 15 OF 28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

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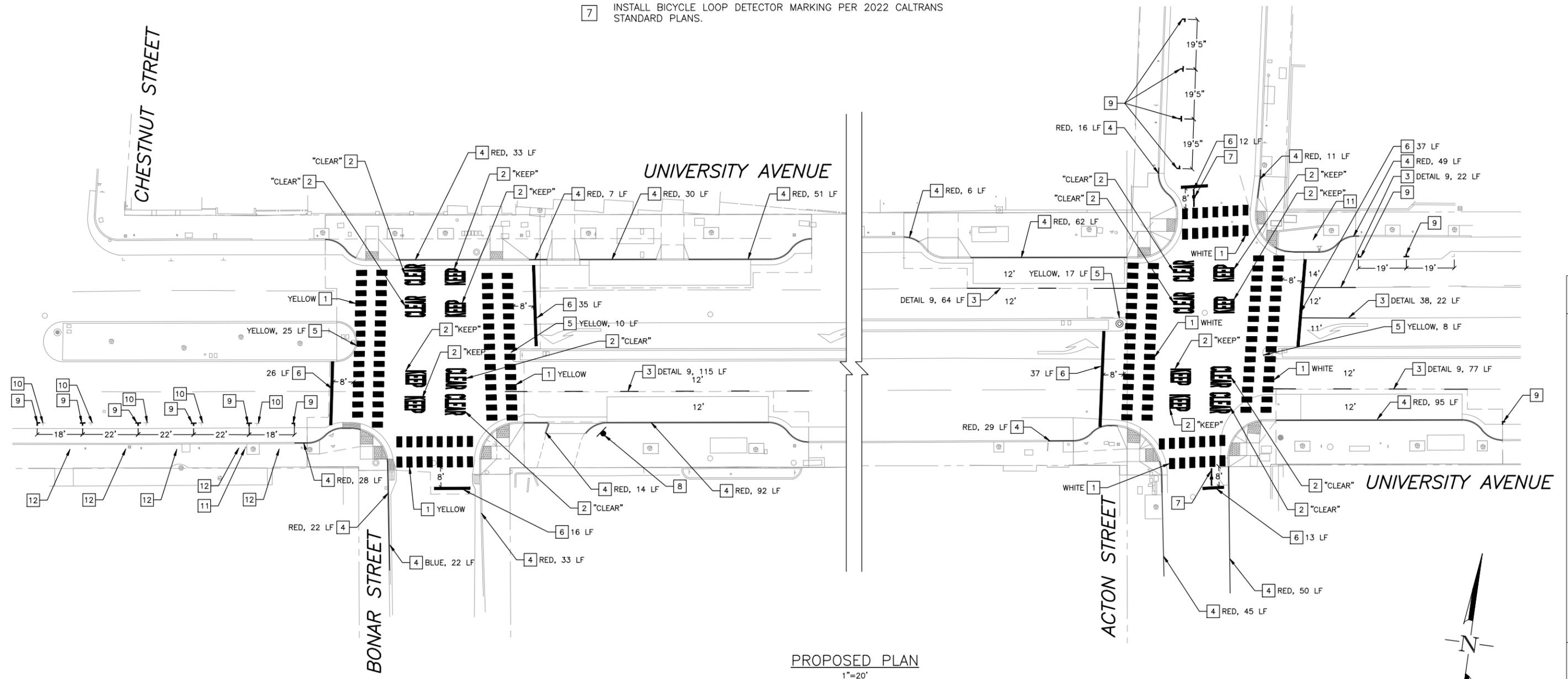
GENERAL NOTES (THIS SHEET ONLY):

1. ALL PAVEMENT MARKINGS AND TRAFFIC STRIPES SHALL MEET CA MUTCD REQUIREMENTS, 2022 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
2. EXISTING PAVEMENT MARKINGS AND TRAFFIC STRIPES IN CONFLICT WITH PROPOSED PAVEMENT MARKINGS AND TRAFFIC STRIPES SHALL BE REMOVED PRIOR TO INSTALLATION OF NEW MARKINGS AND STRIPES.
3. NEW OR REFRESHED STRIPING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL PAINT ALL COLORED CURBS WITH A NEW COAT OF PAINT WITHIN 50 FT OF CURB RAMPS ON ALL APPROACHES.

PROJECT NOTES (THIS SHEET ONLY):

1. INSTALL NEW TRIPLE FOUR CROSSWALK PER 2022 CALTRANS STANDARD PLAN A24F (COLOR AS NOTED ON PLAN).
2. INSTALL PAVEMENT MARKING PER 2022 CALTRANS STANDARD PLANS A24B (TYPE PER PLAN).
3. INSTALL TRAFFIC STRIPE PER 2022 CALTRANS STANDARD PLANS (DETAIL AND LENGTH PER PLAN).
4. PAINT CURB (COLOR AND LENGTH PER PLAN).
5. PAINT MEDIAN NOSE (COLOR AND LENGTH PER PLAN).
6. INSTALL 12" WHITE LIMIT LINE (LENGTH PER PLAN).
7. INSTALL BICYCLE LOOP DETECTOR MARKING PER 2022 CALTRANS STANDARD PLANS.

8. FURNISH AND INSTALL SIGN THAT READS "ONE WAY DO NOT ENTER" FOR PRIVATE DRIVEWAY.
9. INSTALL PARKING "T".
10. REMOVE PARKING "T".
11. REMOVE PARKING METER POST. PRIOR TO POST REMOVAL, COORDINATE REMOVAL OF PARKING METER HEAD WITH CITY. CITY FORCES TO REMOVE METER HEAD.
12. INSTALL NEW PARKING METER POST. CITY FORCES TO INSTALL PARKING METER HEAD.



PROPOSED PLAN
1"=20'

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

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



FEHR PEERS
2201 Broadway Suite 602 Oakland, CA 94612 (510) 834-3200

PROJECT MANAGER:	DATE
DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF:	DATE
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING ENGINEER:	DATE
APPROVED:	DATE
CITY ENGINEER:	DATE

DESIGN:	EG
DRAWN:	EG
CHECK:	GR
AS BUILT:	

HORIZ.:	
VERT.:	
BOOK:	
DATE:	08/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
SIGNING AND STRIPING PLAN

PLAN	
FILE	SS-01
SHEET	16 OF 28

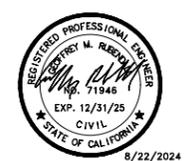
APPROVAL	
DESCRIPTION	
DATE	
MARK	
REVISION	

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TRAFFIC SIGNAL GENERAL NOTES:

1. SYMBOLS AND ABBREVIATIONS ARE PER CALTRANS 2022 STANDARD PLANS A3A, A3B, A3C, RS ES-1A, RSP ES-1B, RSP ES-1C.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, 2022 STANDARD PLANS AND 2022 SPECIFICATIONS OF THE STATE OF CALIFORNIA, AND ALL ADDENDA THERETO, AND THE CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. THE CONTRACTOR SHALL PROVIDE A COPY OF ALL TRAFFIC SIGNAL MATERIALS TO CITY ENGINEER AND STATE RESIDENT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PROCUREMENT.
4. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS SHALL BE FIELD LOCATED AND VERIFIED BY CITY ENGINEER PRIOR TO POTHOLING, INCLUDING, BUT NOT LIMITED TO, FOUNDATIONS FOR POLES AND CABINETS.
5. THE CONTRACTOR SHALL WORK WITH CITY STAFF IN THE CONFIGURATION AND TIMING OF TRAFFIC SIGNAL CONTROLLER.
6. THE CONTRACTOR SHALL DELIVER THE NEW 2070 CONTROLLERS WITH MCCAIN 2033 SOFTWARE PREINSTALLED TO CITY OF BERKELEY CORPORATION YARD AT 1326 ALLSTON WAY, BERKELEY, CA 94702, FOR A 30-DAY TEST.
7. ALL SIGNAL EQUIPMENT SHALL BE CONFIGURED, INSTALLED, AND TESTED AT PROJECT INTERSECTIONS BY THE CONTRACTOR PRIOR TO ACCEPTANCE, INCLUDING BUT NOT LIMITED TO:
 - A. BATTERY BACKUP UNIT
 - B. AUDIBLE PEDESTRIAN SIGNAL SYSTEM
 - C. COMMUNICATION SWITCHES
 - D. SIGNAL CONTROLLER
 - E. PEDESTRIAN COUNTDOWN SIGNALS
 - F. GPS PREEMPTION RADIO
 - G. VIDEO DETECTION SYSTEM
 - H. SIGNAL INTERCONNECT
8. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITIES AND STRUCTURES IN THE FIELD. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 800-642-2444 AT LEAST 48 HOURS PRIOR TO ANY UNDERGROUND WORK. ANY UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE THEIR RESPONSIBILITY AND SHALL BE REPAIRED BY THEM AND THEIR EXPENSE.
9. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE 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 HARMLESS THE CITY OF BERKELEY AND FEHR AND PEERS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT.
10. THE CONTRACTOR SHALL COMPLY WITH THE STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART 6, TEMPORARY TRAFFIC CONTROL, AND SHALL MAINTAIN AT LEAST ONE LANE OF TRAFFIC IN EACH DIRECTION THROUGH THE CONSTRUCTION ZONE DURING WORKING HOURS. LANE CLOSURES SHALL BE LIMITED TO THE TIME PERIOD OF 9 AM TO 4 PM WEEKDAYS.
11. EXISTING SIGNAL AND ELECTRICAL EQUIPMENT TO BE REMOVED AND SALVAGED SHALL BE RETURNED TO CITY OF BERKELEY PUBLIC WORKS DEPARTMENT. ALL EQUIPMENT SALVAGING SHALL BE COORDINATED WITH THE CITY ENGINEER. DISPOSE OF ANY EXISTING EQUIPMENT THAT CITY STAFF DEEMS NOT SALVAGEABLE.
12. ALL PULL BOXES SHALL BE CALTRANS STANDARD NUMBER 5 PULL BOXES UNLESS OTHERWISE NOTED ON PLANS.
13. PULL BOXES SHALL BE SPACED A MAXIMUM OF 200' APART.
14. AT LOCATION OF NEW TRAFFIC SIGNAL POLES, CONTRACTOR SHALL POTHOLE AND VERIFY LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF POLE FOUNDATIONS
15. NEW SIGNAL HEAD SHOULD BE 12" LED WITH BACK COLOR AND POLY MATERIAL. ALL BACKPLATES SHALL HAVE A 2" RETROREFLECTIVE BORDER.
16. NEW COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL BE LED.
17. NEW PEDESTRIAN PUSH BUTTONS SHALL COMPLY WITH ACCESSIBLE PEDESTRIAN SIGNAL STANDARDS PER CALTRANS AND THE MUTCD.
18. SIGNAL PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
19. SIGNS AND PAVEMENT MARKINGS AND STRIPING NOT ALL SHOWN ON THIS SHEET. REFER TO SHEET SS-1. ALL NEW SIGNS SHALL CONFORM TO THE CAMUTCD.
20. CONTRACTOR SHALL COORDINATE SERVICE CONNECTION OF POWER WITH CITY AND PG&E REPRESENTATIVE.
21. NO ABOVE GROUND ELECTRICAL WORK SHALL BE PERFORMED ON ANY SYSTEM WITHIN THE PROJECT SITE UNTIL ALL CONTRACTOR-FURNISHED ELECTRICAL MATERIALS FOR THE INDIVIDUAL SYSTEM HAVE BEEN TESTED AND DELIVERED TO CONTRACTOR.
22. POLE AND EQUIPMENT PLACEMENT SHALL BE CONFIRMED IN THE FIELD BY CONTRACTOR, CITY REPRESENTATIVE AND ENGINEER OF RECORD.
23. DE-ENERGIZING OF EXISTING POWER MAY BE REQUIRED FOR INSTALLATION OF TRAFFIC SIGNAL POLES AND EQUIPMENT. CONTRACTOR SHALL COORDINATE DE-ENERGIZING OF POWER WITH CITY AND PG&E REPRESENTATIVE. USE CAUTION WHEN INSTALLING SIGNAL/LIGHTING POLES NEAR OVERHEAD UTILITIES.
24. POLES AND SIGNAL EQUIPMENT MUST BE PAINTED BROWN COLOR IN COMPLIANCE WITH THE CITY OF BERKELEY SPECIFICATION, REFER TO PROJECT SPECIFICATIONS FOR DETAILS.
25. ANY EXISTING DETECTOR LOOPS THAT ARE AFFECTED BY WORK AS PART OF THIS PROJECT SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT NO EXTRA EXPENSE FROM THE CITY.

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



PROJECT MANAGER: _____ DATE _____
 DEPICTION OF MONUMENTS: _____ DATE _____
 SURVEY PARTY CHIEF _____
 WATERSHED REVIEW: _____ DATE _____
 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

SUBMITTED: _____ DATE _____
 SUPERVISING ENGINEER _____
 APPROVED: _____ DATE _____
 CITY ENGINEER _____

DESIGN _____ EG _____
 DRAWN _____ EG _____
 CHECK _____ GR _____
 AS BUILT _____
 HORIZ. _____
 VERT. _____
 BOOK _____
 DATE 08/22/24

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP
 IMPROVEMENTS
 TRAFFIC SIGNAL GENERAL NOTES

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GENERAL NOTES (THIS SHEET ONLY):

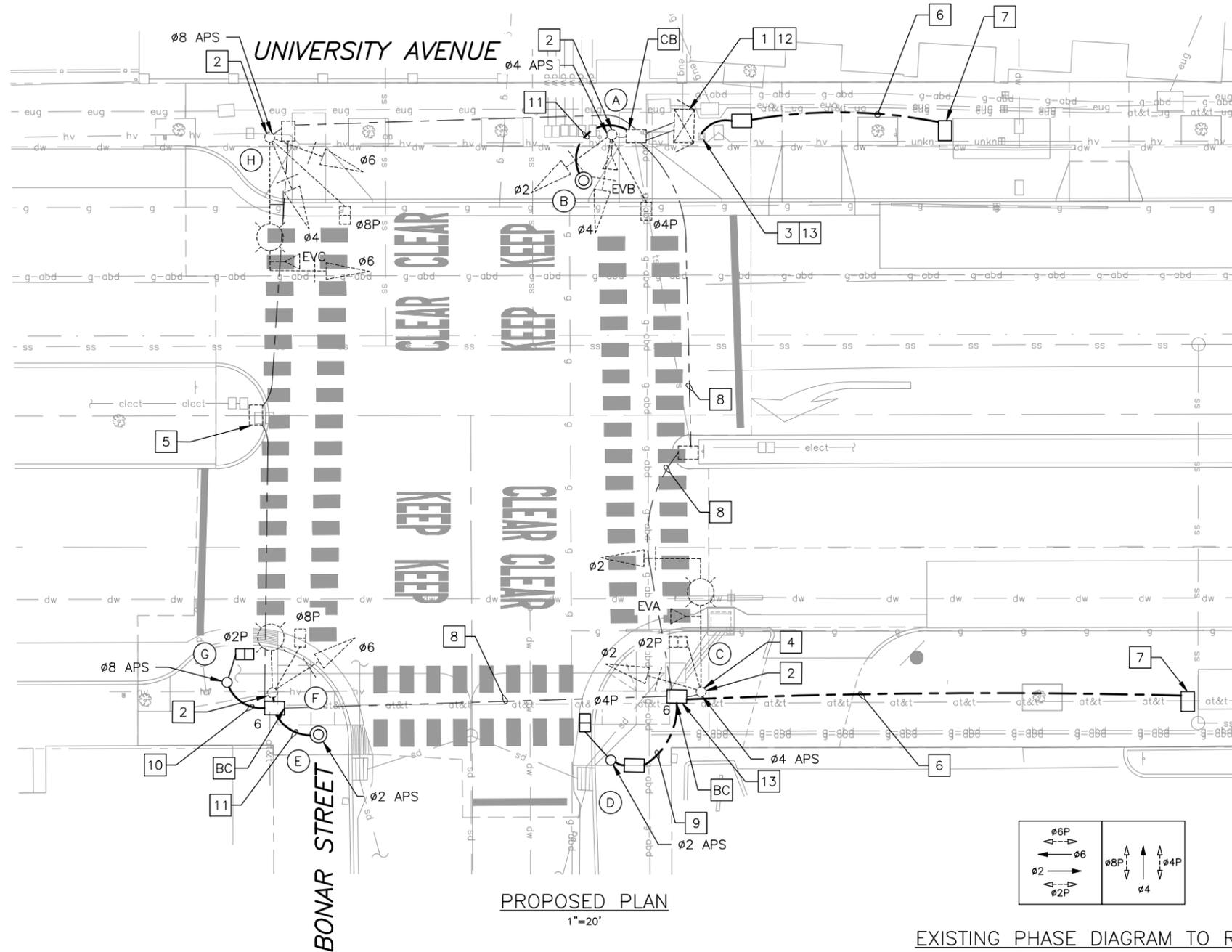
1. SEE SHEET TS-01 FOR TRAFFIC SIGNAL GENERAL NOTES

PROJECT NOTES (THIS SHEET ONLY):

- 1 PROTECT IN PLACE EXISTING TRAFFIC SIGNAL CABINET AND ELECTRICAL SERVICE EQUIPMENT ENCLOSURE.
- 2 PROTECT IN PLACE EXISTING TRAFFIC SIGNAL POLE AND EQUIPMENT.
- 3 INTERCEPT EXISTING STREETLIGHT CONDUCTORS AT BASE OF POLE OR ADJACENT.
- 4 ROTATE EXISTING PEDESTRIAN SIGNAL HEAD AND MODIFY WIRING TO RECONFIGURE AS PHASE 8 PEDESTRIAN SIGNAL PHASE.
- 5 INSTALL NEW PULL BOX AND RECONNECT CONDUITS TO PULL BOX IN MODIFIED MEDIAN.

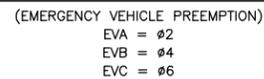
- 6 INSTALL 2" C, 3#10 (STREETLIGHT).
- 7 INSTALL PULL BOX ADJACENT TO TRANSIT SHELTER. CONNECT STREETLIGHT CONDUCTORS TO TRANSIT SHELTER LIGHTING SYSTEM PER MANUFACTURERS RECOMMENDATIONS.
- 8 INSTALL 3#14 INTO EXISTING CONDUIT FOR PHASE 2 PEDESTRIAN SIGNAL HEADS.
- 9 INSTALL 2" C, 2#14 (PEDESTRIAN SIGNAL), 2#14 (APS, APS NEUTRAL).
- 10 INSTALL 2" C, 2#14 (PEDESTRIAN SIGNAL).
- 11 INSTALL 2" C, 2#14 (APS, APS NEUTRAL).

- 12 REMOVE AND SALVAGE EXISTING PEDESTRIAN PUSH BUTTON CONTROL UNIT. INSTALL NEW PUSH BUTTON CONTROL COMMUNICATION CONTROL UNIT.
- 13 SPLICE NEW TO EXISTING CONDUCTORS FOR NEW BUS SHELTER LIGHTING.



PROPOSED PLAN
1"=20'

EXISTING PHASE DIAGRAM TO REMAIN



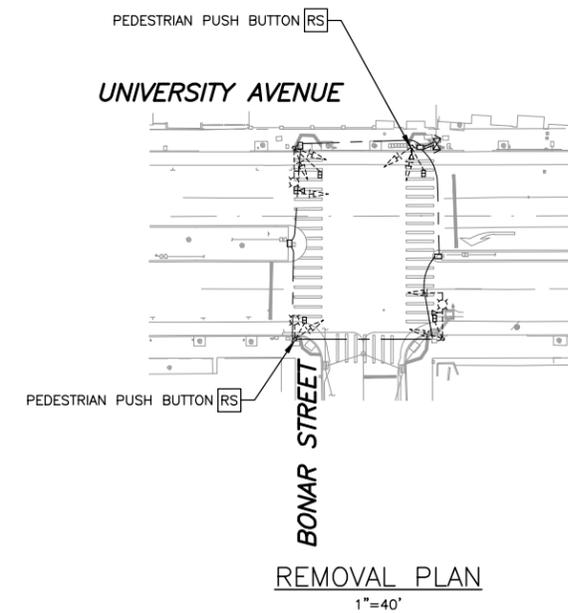
THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

POLE AND EQUIPMENT SCHEDULE									
TYPE	STANDARD		VEH SIG MTG		PED SIGNAL MTG	APS		LED LUM WATTAGE	SPECIAL REQUIREMENTS
	SIG MA	LUM ARM	MAST	POLE		Ø	ARROW		
(A)	1-B (E)	-	-	-	TV-2-T (E)	SP-1-T (E)	-	-	-
(B)	PBA TYPE 2 POST	-	-	-	-	-	4	-	-
(C)	17A-2-100 (E)	20' (E)	12' (E)	MAS (E)	SV-1-T (E)	SP-1-T	4	74 (E)	ROTATE EXISTING PEDESTRIAN SIGNAL HEAD. REWIRE PEDESTRIAN SIGNAL HEAD TO PHASE 2.
(D)	1-B (7')	-	-	-	-	TP-1-T	2	-	-
(E)	PBA TYPE 2 POST	-	-	-	-	-	2	-	-
(F)	1-B (E)	-	-	-	TV-1-T (E)	SV-1-T (E)	-	74 (E)	-
(G)	1-B (7')	-	-	-	-	TP-1-T	8	-	-
(H)	17A-2-100 (E)	20' (E)	12' (E)	MAS (E)	SV-2-T (E)	SP-1-T (E)	8	74 (E)	-

NOTES:

ALL EQUIPMENT IS NEW, UNLESS OTHERWISE NOTED.

(E) DENOTES EXISTING EQUIPMENT



REMOVAL PLAN
1"=40'



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TWO WORKING DAYS BEFORE YOU DIG



FEHR PEERS
2201 Broadway Suite 602 Oakland, CA 94612 (510) 834-3200

PROJECT MANAGER: _____ DATE _____
DEPICTION OF MONUMENTS: _____ DATE _____
SURVEY PARTY CHIEF: _____ DATE _____
WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____
SUPERVISING ENGINEER: _____ DATE _____
APPROVED: _____ DATE _____
CITY ENGINEER: _____ DATE _____

DESIGN: EG _____
DRAWN: EG _____
CHECK: GR _____
AS BUILT: _____

HORIZ. _____
VERT. _____
BOOK _____
DATE: 08/22/24

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
TRAFFIC SIGNAL PLAN
UNIVERSITY AVENUE/BONAR STREET

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

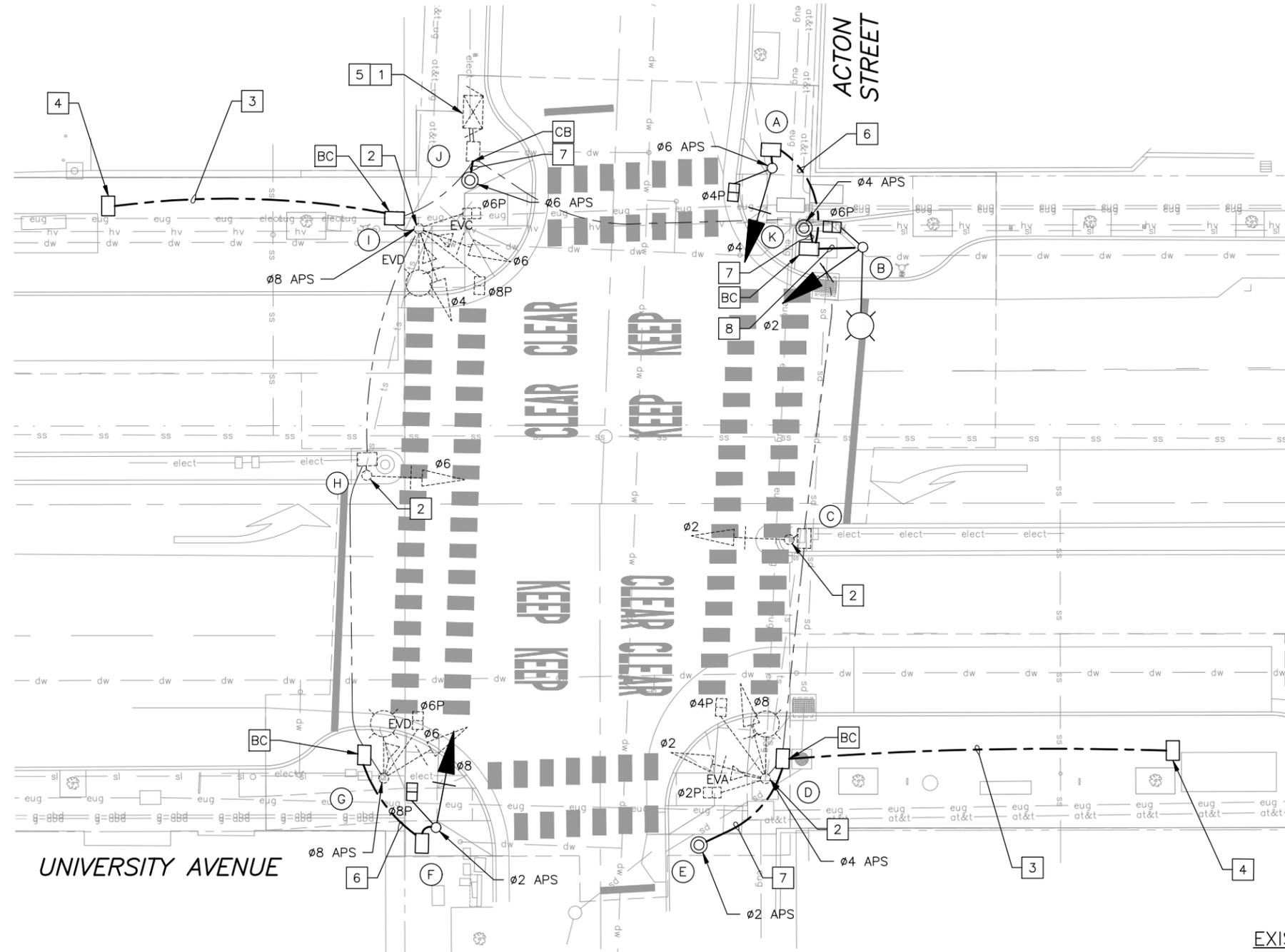
GENERAL NOTES (THIS SHEET ONLY):

1. SEE SHEET TS-01 FOR TRAFFIC SIGNAL GENERAL NOTES

PROJECT NOTES (THIS SHEET ONLY):

- 1 PROTECT IN PLACE EXISTING TRAFFIC SIGNAL CABINET AND ELECTRICAL SERVICE EQUIPMENT ENCLOSURE.
- 2 PROTECT IN PLACE EXISTING TRAFFIC SIGNAL POLE AND EQUIPMENT.
- 3 INSTALL 2" C, 3#10 (STREETLIGHT).
- 4 INSTALL PULL BOX ADJACENT TO TRANSIT SHELTER. CONNECT STREETLIGHT CONDUCTORS TO TRANSIT SHELTER LIGHTING SYSTEM PER MANUFACTURERS RECOMMENDATIONS.
- 5 INSTALL NEW PUSH BUTTON CENTRAL COMMUNICATION CONTROL UNIT.

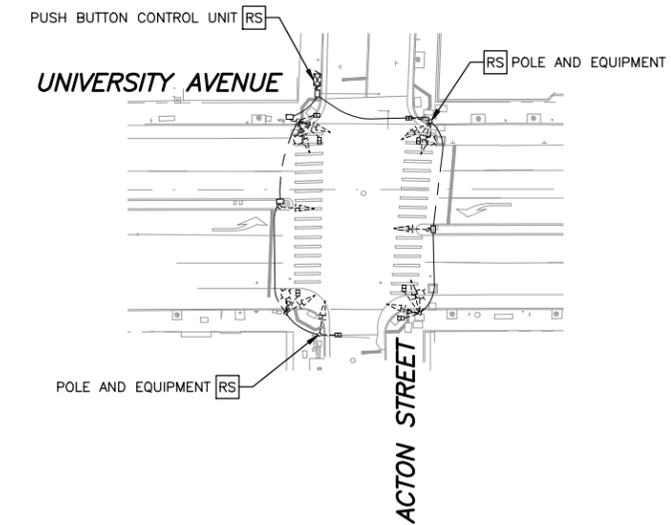
- 6 INSTALL 3" C, 3#14 (VEHICLE SIGNAL), 2#14 (PEDESTRIAN SIGNAL), 1#14 (APS), (3#14 SPARE), 1#14 (NEUTRAL).
- 7 INSTALL 2" C, 1#14 (APS), 1#14 (NEUTRAL).
- 8 INSTALL 3" C, 3#14 (VEHICLE SIGNAL), 2#14 (PEDESTRIAN SIGNAL), 1#14 (NEUTRAL).



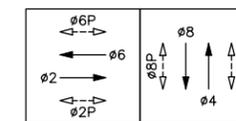
POLE AND EQUIPMENT SCHEDULE										
	STANDARD		VEH SIG MTG		PED SIGNAL MTG	APS		LED LUM WATTAGE	SPECIAL REQUIREMENTS	
	TYPE	SIG MA	LUM ARM	MAST		POLE	Ø			
(A)	1-B	-	-	-	TV-1-T	SP-1-T	6	←	-	-
(B)	15-TS	-	12'	-	SV-1-T	SP-1-T	-	-	74	-
(C)	1-B (E)	-	-	-	TV-1-T (E)	-	-	-	-	-
(D)	15-TS (E)	-	12' (E)	-	SV-2-T (E)	SP-2-T (E)	4 (E)	←	74 (E)	-
(E)	PBA TYPE 2 POST	-	-	-	-	-	2	→	-	-
(F)	1-B	-	-	-	TV-1-T	SP-1-T	2	←	-	-
(G)	15-TS (E)	-	12' (E)	-	SV-1-T (E)	SP-1-T (E)	8 (E)	→	74	-
(H)	1-B (E)	-	-	-	TV-1-T (E)	-	-	-	-	-
(I)	15-TS (E)	-	12' (E)	-	SV-2-T (E)	SP-2-T (E)	8 (E)	←	-	-
(J)	PBA TYPE 2 POST	-	-	-	-	-	6	→	-	-
(K)	TYPE 2	-	-	-	-	-	4	→	-	-

NOTES:

ALL EQUIPMENT IS NEW, UNLESS OTHERWISE NOTED.



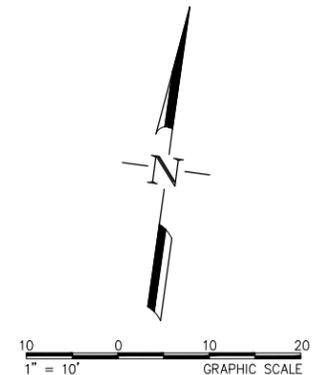
REMOVAL PLAN
1"=40'



EXISTING PHASE DIAGRAM TO REMAIN

(EMERGENCY VEHICLE PREEMPTION)

- EVA = Ø2
- EVB = Ø4
- EVC = Ø6
- EVB = Ø8



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



FEHR PEERS
2201 Broadway Suite 602 Oakland, CA 94612 (510) 834-3200

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: EG _____	HORIZ.: _____	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	UNIVERSITY WEST BUS STOP IMPROVEMENTS TRAFFIC SIGNAL PLAN UNIVERSITY AVENUE/ACTON STREET	PLAN _____
SURVEY PARTY CHIEF: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	DRAWN: EG _____	VERT.: _____			FILE _____
DATE _____	DATE _____	DATE _____	CHECK: GR _____	BOOK _____			REVISION _____
DATE _____	DATE _____	DATE _____	AS BUILT: _____	DATE: 08/22/24			MARK _____
DATE _____	DATE _____	DATE _____	CITY ENGINEER: _____	DATE: 08/22/24			APPROVAL _____

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

ABBREVIATIONS

CL CENTER LINE
 Ø DIAMETER

KEY

⊠ WHEELCHAIR RESTING SPACE
 AC TRANSIT ACCESSIBLE LANDING ZONE, REAR CLEAR ZONE



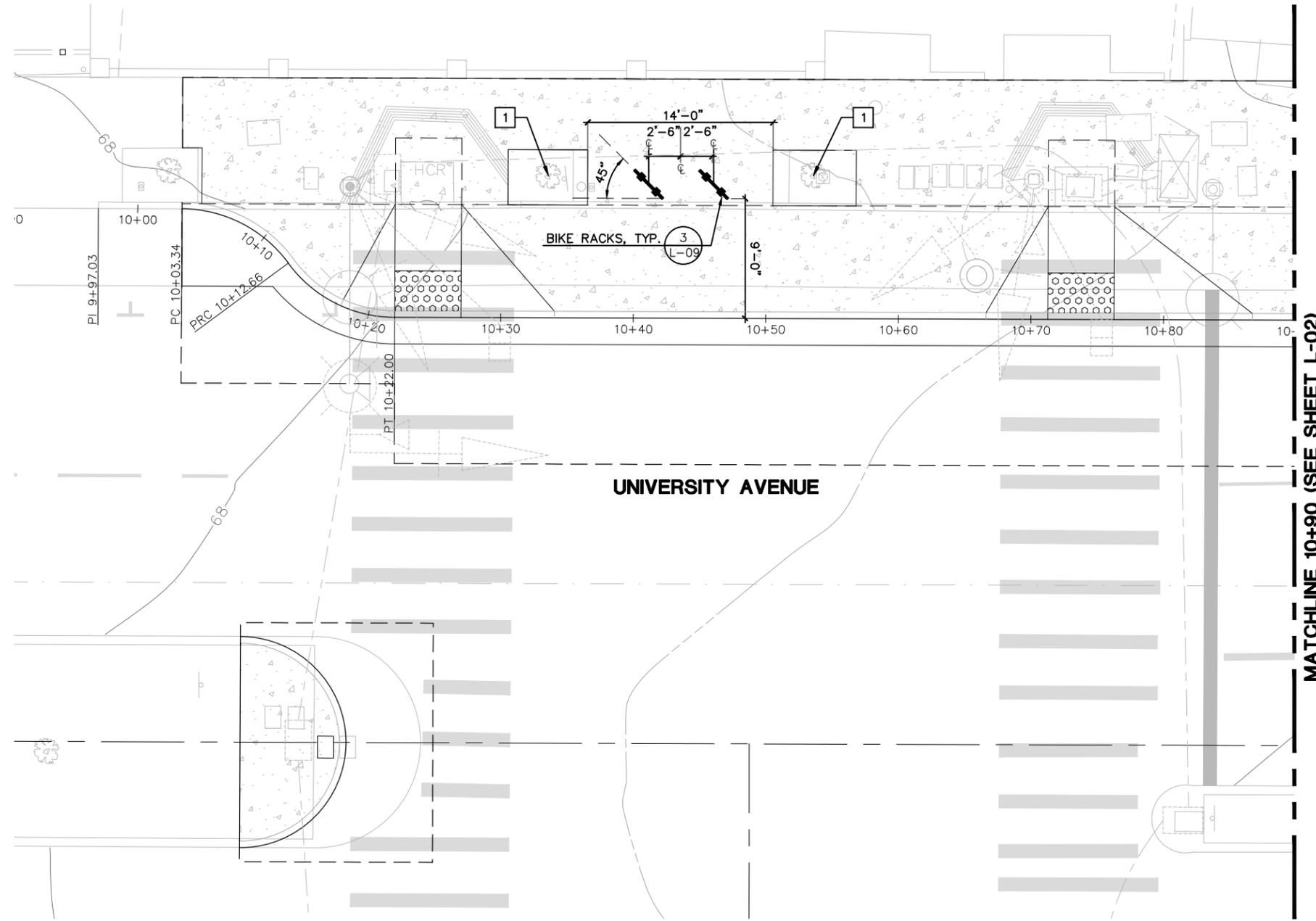
BUS

GENERAL LANDSCAPE NOTES

1. CONTRACTOR SHALL EXERCISE DUE CAUTION DURING CONSTRUCTION TO PROTECT ANY EXISTING LANDSCAPING, FIXTURES, SIGNS, EQUIPMENT, CONCRETE SIDEWALK, CONCRETE DRIVEWAY, CONCRETE CURB AND GUTTER, A.C. PAVING, UTILITIES, ETC. TO REMAIN. ANY DAMAGE RESULTING FROM CONTRACTOR OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE CITY.
2. CONTRACTOR SHALL RESTORE ALL EXISTING PRIVATE AND PUBLIC IMPROVEMENTS DAMAGED DURING CONSTRUCTION TO THEIR EXISTING CONDITION OR BETTER. THIS INCLUDES BUT IS NOT LIMITED TO ALL LANDSCAPING, IRRIGATION, FENCING, DRIVEWAYS, SIGNS, A.C. PAVING, CONCRETE WORK, UTILITIES, SITE FURNITURE, LIGHTING, ETC. UNLESS NOTED OR DIRECTED OTHERWISE BY ENGINEER.
3. THE CONTRACTOR SHALL REMOVE ALL OBSTRUCTIONS, BOTH ABOVE-GROUND AND UNDERGROUND, INCLUDING VEGETATION, ROOTS AND DELETERIOUS MATERIALS, AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. TREE ROOTS AND BRANCHES SHALL ONLY BE TRIMMED, CUT AND/OR REMOVED IN COORDINATION WITH AND WITH APPROVAL OF CITY OF BERKELEY ARBORIST. TREES AND THEIR ROOTS SHALL BE PROTECTED AS PER THE SPECIFICATIONS AND PLANS.
4. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE SIMILAR TO THAT INDICATED OR NOTED FOR SIMILAR CONDITIONS AND CASES OF CONSTRUCTION ON THIS PROJECT. REFERENCES OF NOTES AND DETAILS TO SPECIFICATIONS AND LOCATION SHALL NOT LIMIT THEIR APPLICABILITY.
5. ALL TREES IN PROJECT AREA TO HAVE TRUNK PROTECTION AND ROOT PRUNING AS NEEDED. LOWEST SCAFFOLD LIMBS MAY ALSO REQUIRE THIS PROTECTION AS DIRECTED BY THE CITY ARBORIST OR ENGINEER.
6. PROJECT ARBORIST IS RESPONSIBLE FOR PROJECT TREE CANOPY PRUNING AND CLEARING. CONTRACTOR SHALL NOTIFY ENGINEER OF NEEDED TREE PRUNING AND CLEARING TO INSTALL BUS SHELTER AND OTHER POTENTIAL CONSTRUCTION ACTIVITIES AT LEAST TWO WEEKS PRIOR TO PRUNING AND CLEARING TAKING PLACE.

LAYOUT NOTES

1. HORIZONTAL AND VERTICAL DIMENSIONS PROVIDED ON THE DRAWINGS ARE APPROXIMATE. FIELD MEASUREMENTS MAY VARY FROM THOSE ON THE DRAWINGS. ADJUSTMENTS TO LINE AND GRADE MAY BE MADE BY ENGINEER DURING CONSTRUCTION.



CONSTRUCTION NOTES

- 1 PROTECT TREE, TYP



MATCHLINE 10+90 (SEE SHEET L-02)

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



610 16TH STREET, SUITE 305
 OAKLAND, CA 94612
 (510) 839-4568



PROJECT MANAGER:	DATE
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	

DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF	DATE
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING ENGINEER	EXP.
APPROVED:	DATE
CITY ENGINEER	EXP.

DESIGN	CG	HORIZ.	1" = 5'
DRAWN	SY	VERT.	
CHECK	CG	BOOK	
AS BUILT		DATE	8/22/24

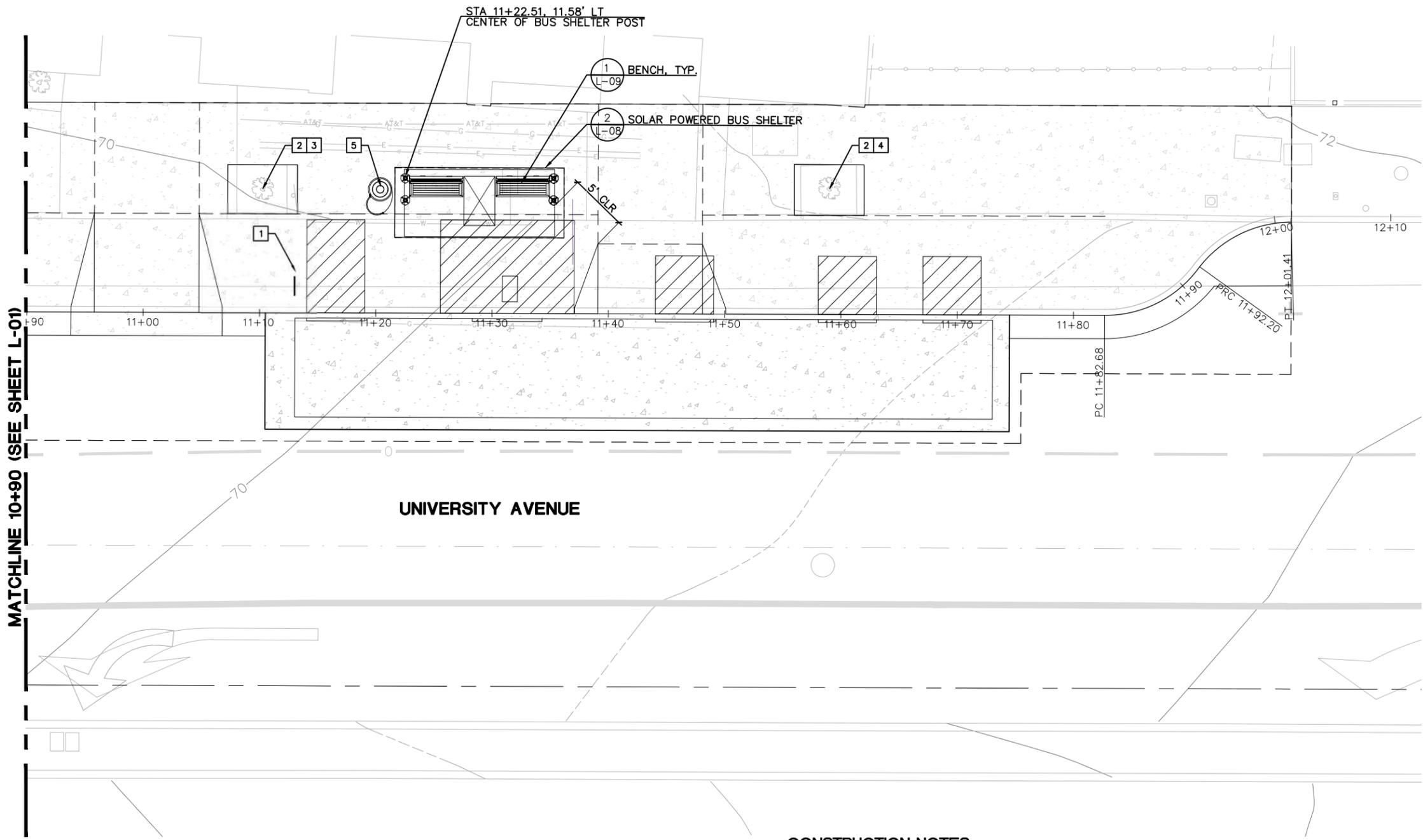
CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

UNIVERSITY WEST BUS STOP IMPROVEMENTS
BONAR STREET BUS BULB AND PEDESTRIAN CROSSING IMPROVEMENTS
 LANDSCAPE PLAN

PLAN 8283
 FILE 503-640
 L-01
 SHEET 20 OF 28

8/23/2024 3:41 PM Soubly Yoon /Users/soulbyoon/Desktop/Desktop - Soubly's MacBook Pro/CDA WORK/Project/University West/100% Landscape Plans /CDA-Bonar And Acton Landscape.dwg

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UNIVERSITY AVENUE

CONSTRUCTION NOTES

- 1 CONTRACTOR MUST COORDINATE WITH AC TRANSIT TO REMOVE AND RELOCATE BUS STOP FLAGS. COORDINATE WITH SAMAH ITANI, ASSISTANT TRANSPORTATION PLANNER (SITANI@ACTRANSIT.COM) WITH 2 WEEKS NOTICE.
- 2 PROTECT TREE, TYP
- 3 PRUNE TREE TO PROVIDE MIN. 7' CLEARANCE AND BALANCE TREE SHAPE. PRUNE TO CROWN THIN CANOPY TO ALLOW SOLAR ACCESS TO ADJACENT SOLAR POWERED BUS SHELTER AS NEEDED.
- 4 PRUNE TO CROWN THIN CANOPY TO ALLOW SOLAR ACCESS TO ADJACENT SOLAR POWERED BUS SHELTER AS NEEDED.
- 5 INSTALL SALVAGED TRASH/RECYCLING RECEPTACLE



COMMUNITY DESIGN + ARCHITECTURE
 Philip Erickson, Architect
 610 16TH STREET, SUITE 305
 OAKLAND, CA 94612
 (510) 839-4568



PROJECT MANAGER:	DATE

DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF	
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING ENGINEER	REGISTR. EXP.
APPROVED:	DATE
CITY ENGINEER	R.C.E. EXP.

DESIGN	CG	HORIZ.	1" = 5'
DRAWN	SY	VERT.	
CHECK	CG	BOOK	
AS BUILT		DATE	8/22/24

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

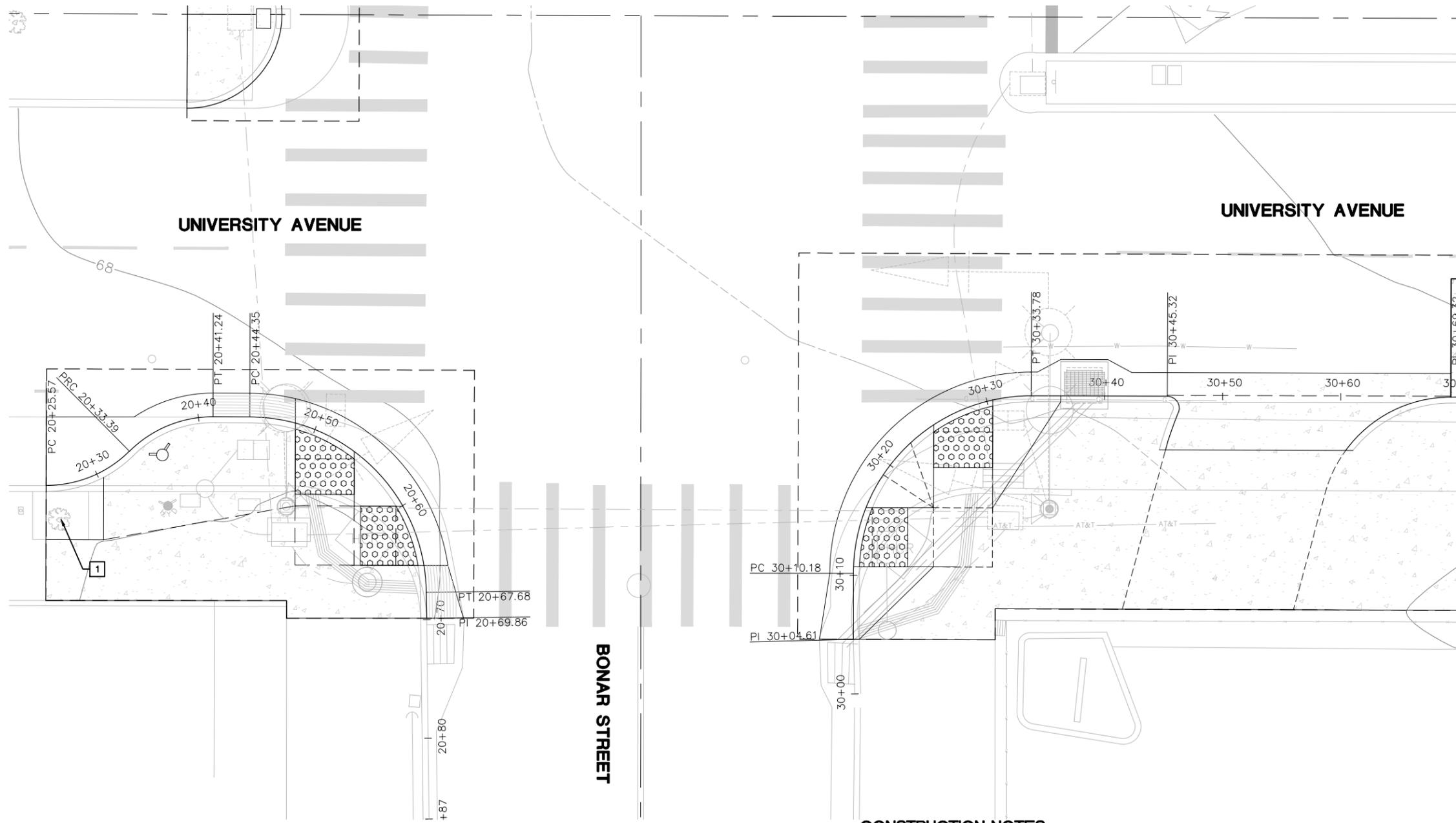
UNIVERSITY WEST BUS STOP IMPROVEMENTS
 BONAR STREET BUS BULB AND PEDESTRIAN CROSSING IMPROVEMENTS
 LANDSCAPE PLAN

PLAN	8283
FILE	503-640
SHEET	L-02
OF	28

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



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CONSTRUCTION NOTES

- 1 PROTECT TREE, TYP

MATCHLINE 30+70 (SEE SHEET L-04)



610 16TH STREET, SUITE 305
OAKLAND, CA 94612
(510) 839-4568



PROJECT MANAGER:	DATE
SURVEY PARTY CHIEF	DATE
WATERSHED REVIEW:	DATE

DEPICTION OF MONUMENTS:	DATE
CITY ENGINEER	DATE

SUBMITTED:	DATE
APPROVED:	DATE

DESIGN	CG	HORIZ.	1" = 5'
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CHECK	CG	BOOK	
AS BUILT		DATE	8/22/24

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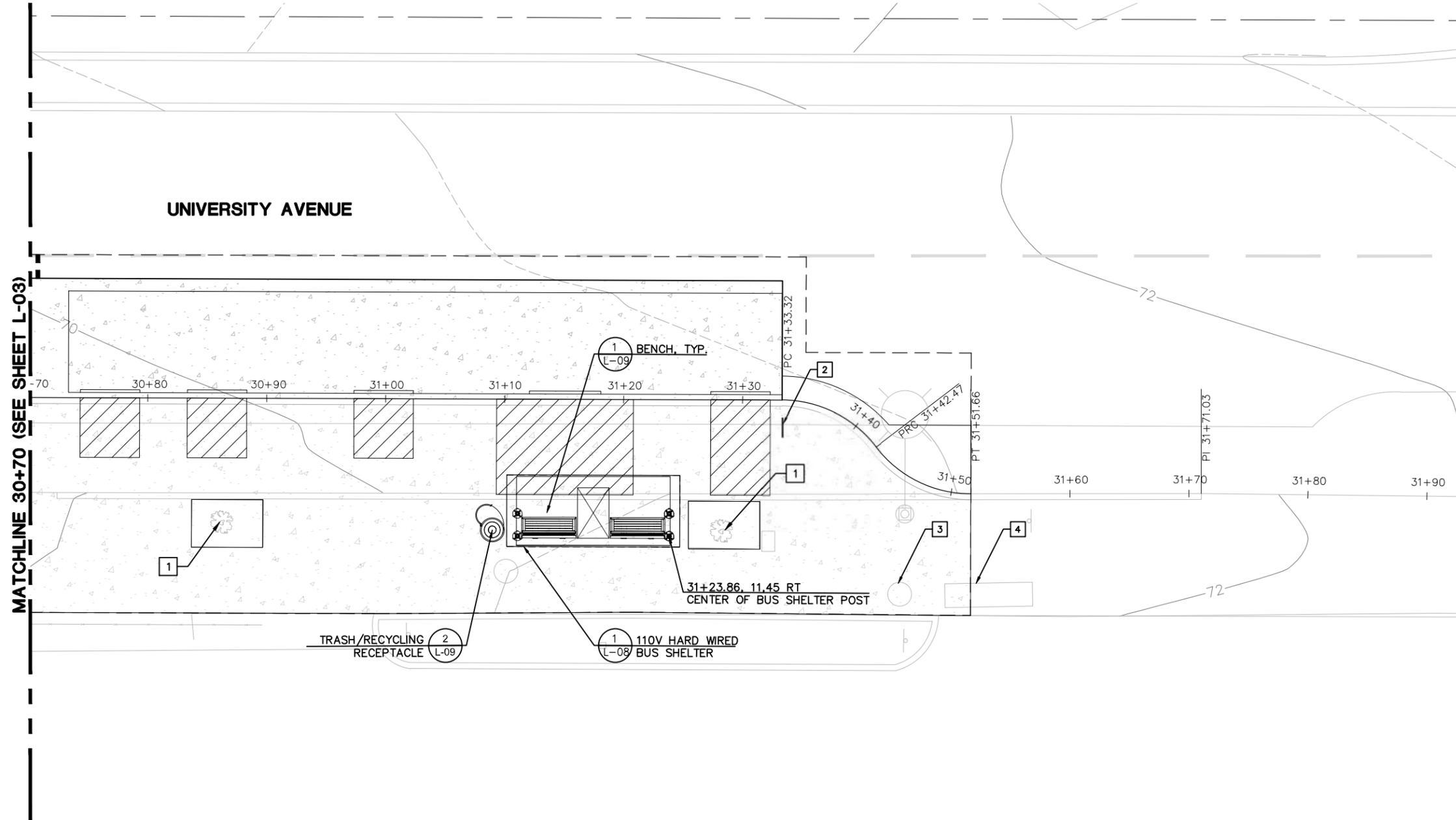
UNIVERSITY WEST BUS STOP
IMPROVEMENTS
BONAR STREET BUS BULB AND
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LANDSCAPE PLAN

PLAN	8283
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SHEET	L-03
OF	28



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CONSTRUCTION NOTES

- 1 PROTECT TREE, TYP
- 2 CONTRACTOR MUST COORDINATE WITH AC TRANSIT TO REMOVE AND RELOCATE BUS STOP FLAGS. COORDINATE WITH SAMAH ITANI, ASSISTANT TRANSPORTATION PLANNER (SITANI@ACTRANSIT.COM) WITH 2 WEEKS NOTICE.
- 3 REMOVE, SALVAGE AND REINSTALL TRASH/RECYCLING RECEPTACLE AT LOCATION SHOWN ON SHEET L-02
- 4 REMOVE BENCH AND SALVAGE TO CITY CORPORATION YARD



COMMUNITY DESIGN + ARCHITECTURE
 Philip Erickson, Architect
 610 16TH STREET, SUITE 305
 OAKLAND, CA 94612
 (510) 839-4568

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SURVEY PARTY CHIEF:	DATE
WATERSHED REVIEW:	DATE

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CITY ENGINEER:	EXP.

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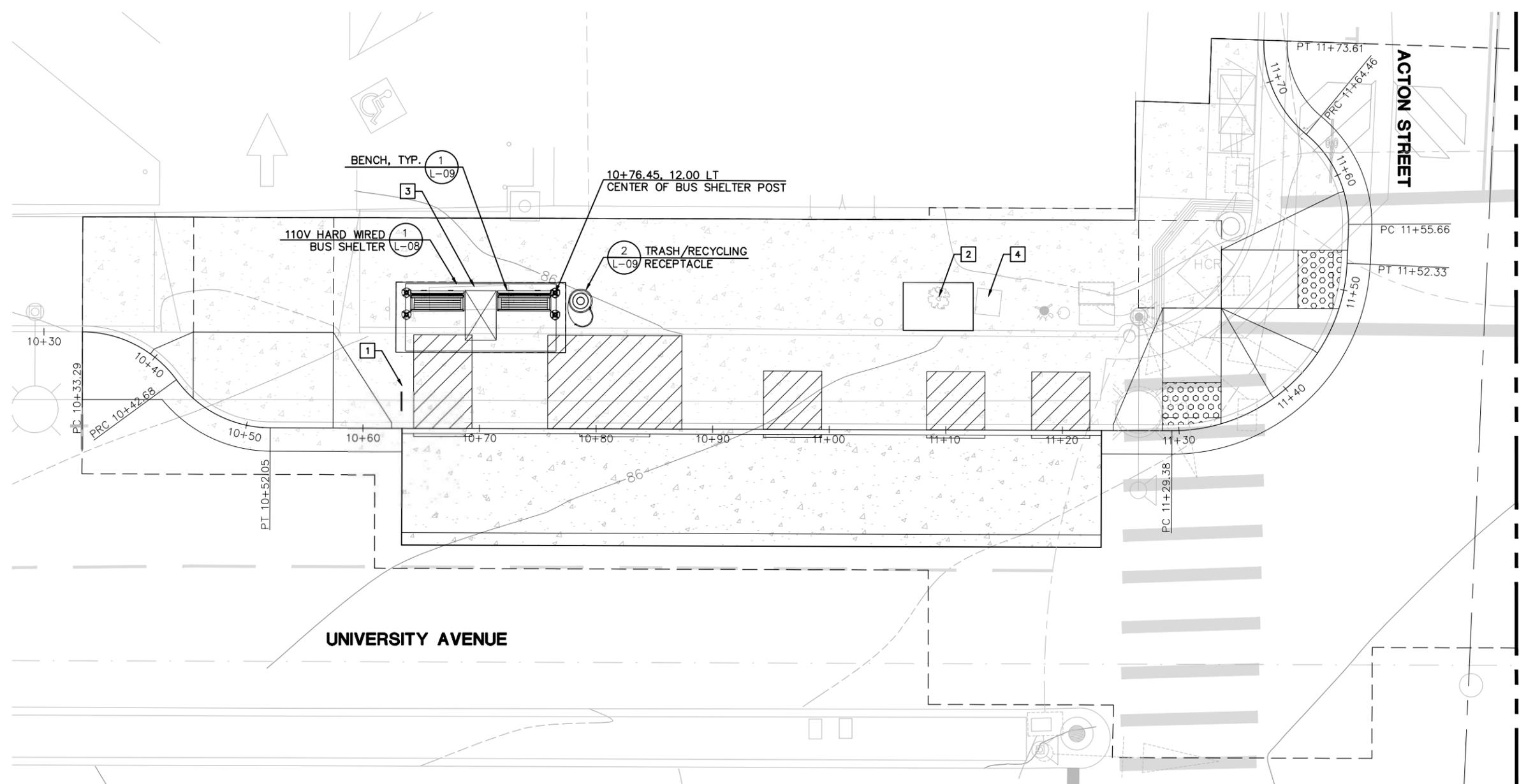
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UNIVERSITY WEST BUS STOP IMPROVEMENTS
 BONAR STREET BUS BULB AND PEDESTRIAN CROSSING IMPROVEMENTS
 LANDSCAPE PLAN

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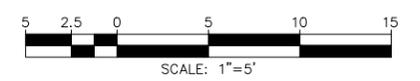
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L-04
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CONSTRUCTION NOTES

- 1 CONTRACTOR MUST COORDINATE WITH AC TRANSIT TO REMOVE AND RELOCATE BUS STOP FLAGS. COORDINATE WITH SAMAH ITANI, ASSISTANT TRANSPORTATION PLANNER (SITANI@ACTRANSIT.COM) WITH 2 WEEKS NOTICE.
- 3 PROTECT TREE, TYP
- 3 REMOVE BENCH AND SALVAGE TO CITY CORPORATION YARD
- 4 REMOVE TRASH/RECYCLING RECEPTACLE AND SALVAGE TO CITY CORPORATION YARD



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SURVEY PARTY CHIEF	
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING ENGINEER	REGISTR. EXP.
APPROVED:	DATE
CITY ENGINEER	R.C.E. EXP.

DESIGN	CG	HORIZ.	1" = 5'
DRAWN	SY	VERT.	
CHECK	CG	BOOK	
AS BUILT		DATE	8/22/24

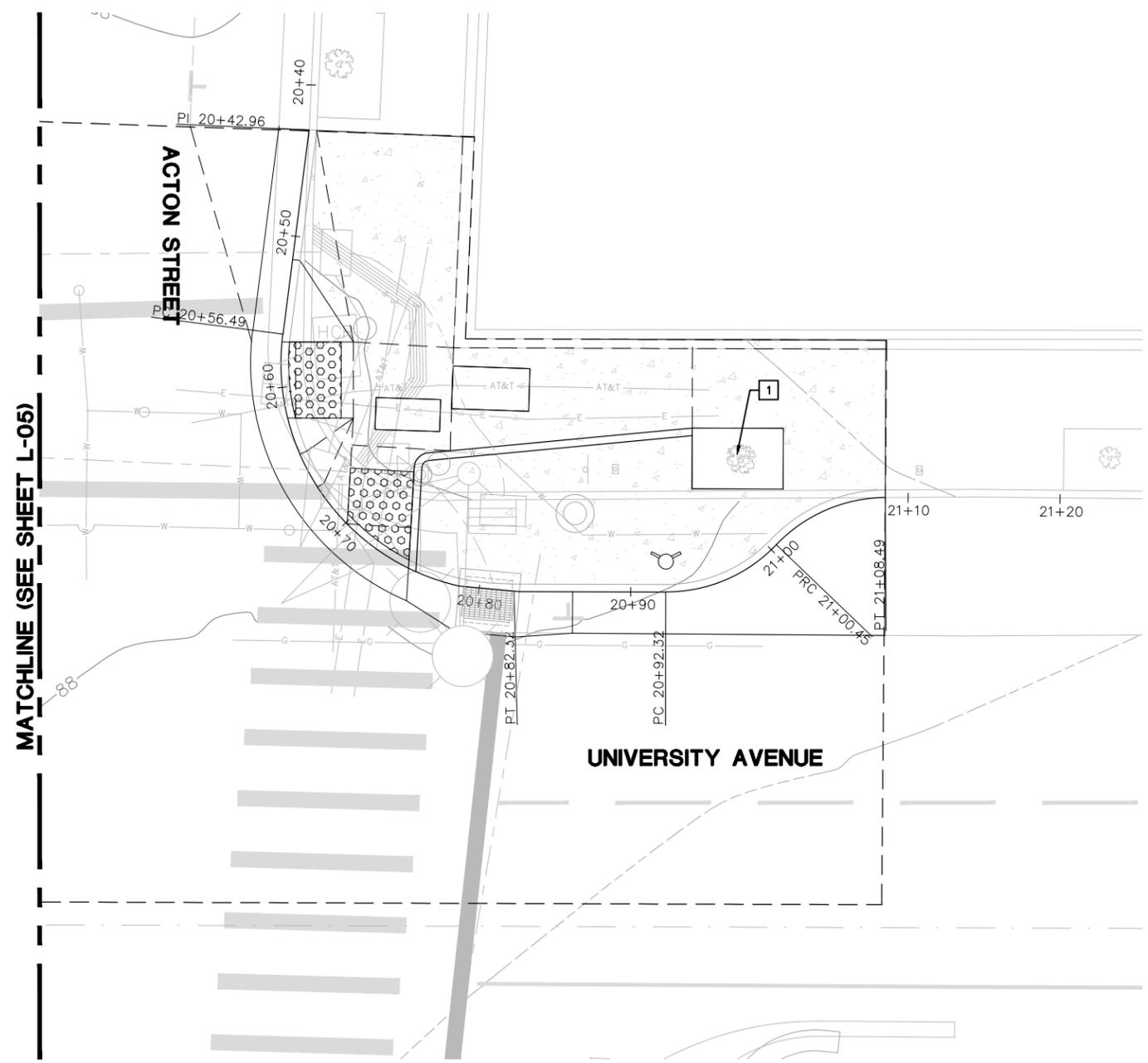
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UNIVERSITY WEST BUS STOP
 IMPROVEMENTS
 ACTON STREET BUS BULB AND
 PEDESTRIAN CROSSING IMPROVEMENTS
 LANDSCAPE PLAN

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MATCHLINE (SEE SHEET L-05)

CONSTRUCTION NOTES

- 1 PROTECT TREE, TYP

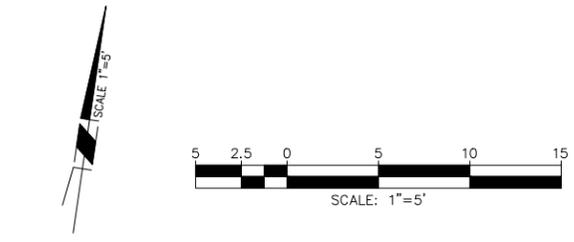


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 SURVEY PARTY CHIEF _____ DATE _____
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 SUPERVISING ENGINEER _____
 EXP. _____
 APPROVED: _____ DATE _____
 CITY ENGINEER _____ EXP. _____

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 DATE 8/22/24

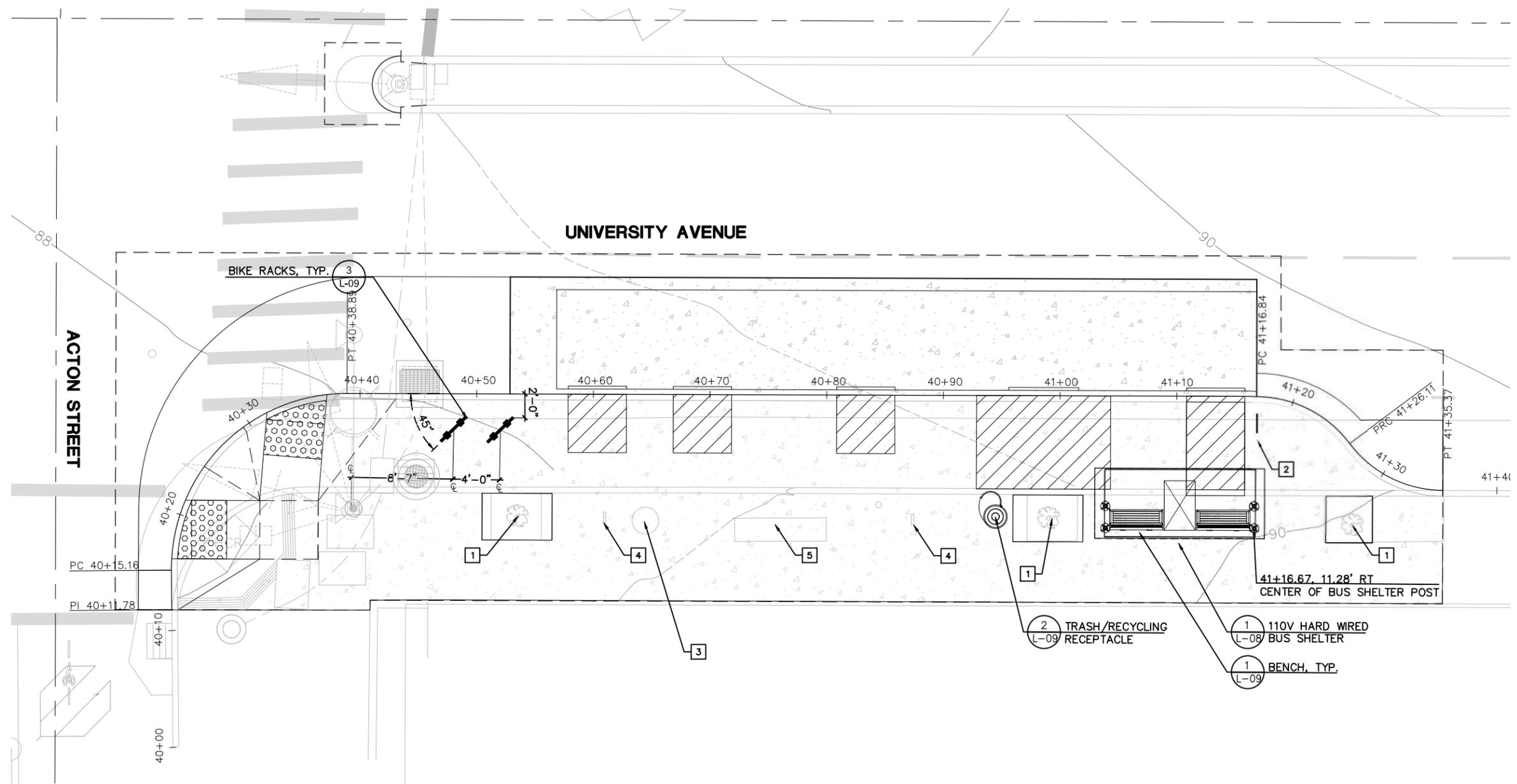


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UNIVERSITY WEST BUS STOP IMPROVEMENTS
ACTON STREET BUS BULB AND PEDESTRIAN CROSSING IMPROVEMENTS
LANDSCAPE PLAN

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PLAN 8283
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L-06
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CONSTRUCTION NOTES

- 1 PROTECT TREE
- 2 CONTRACTOR MUST COORDINATE WITH AC TRANSIT TO REMOVE AND RELOCATE BUS STOP FLAGS. COORDINATE WITH SAMAH ITANI, ASSISTANT TRANSPORTATION PLANNER (SITANI@ACTRANSIT.COM) WITH 2 WEEKS NOTICE.
- 3 REMOVE AND DISPOSE OF TRASH/RECYCLING RECEPTACLE
- 4 REMOVE BIKE RACK AND SALVAGE TO CITY CORPORATION YARD
- 5 REMOVE BENCH AND SALVAGE TO CITY CORPORATION YARD




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WATERSHED REVIEW:	DATE

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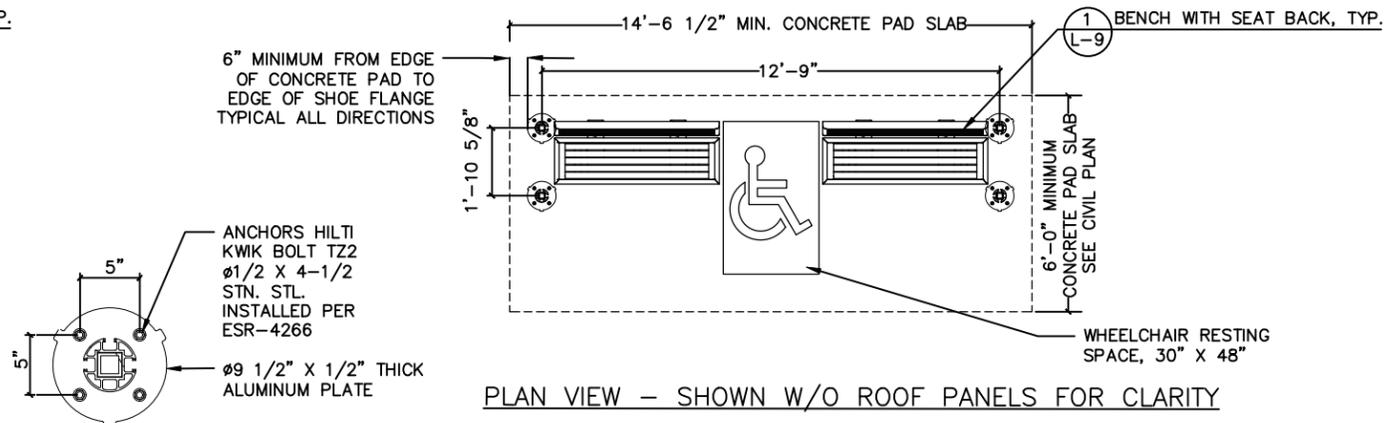
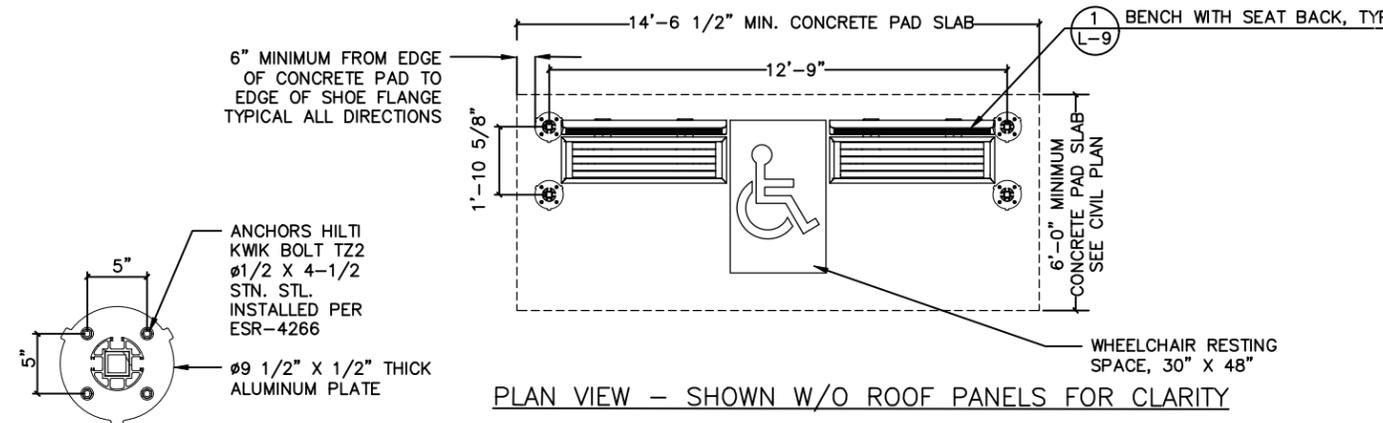
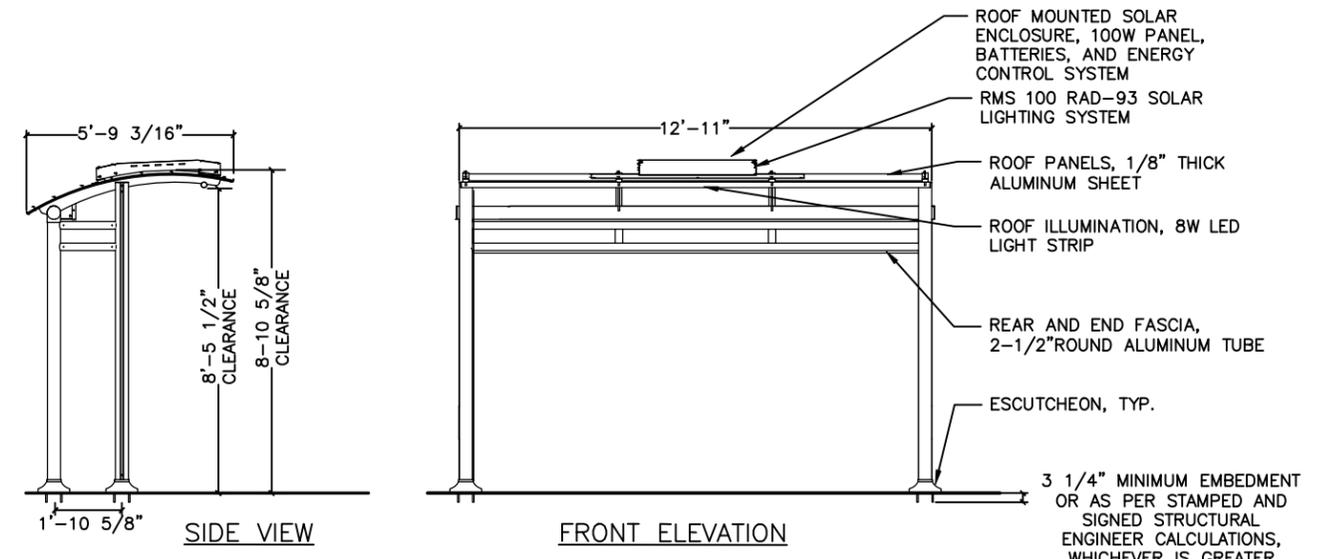
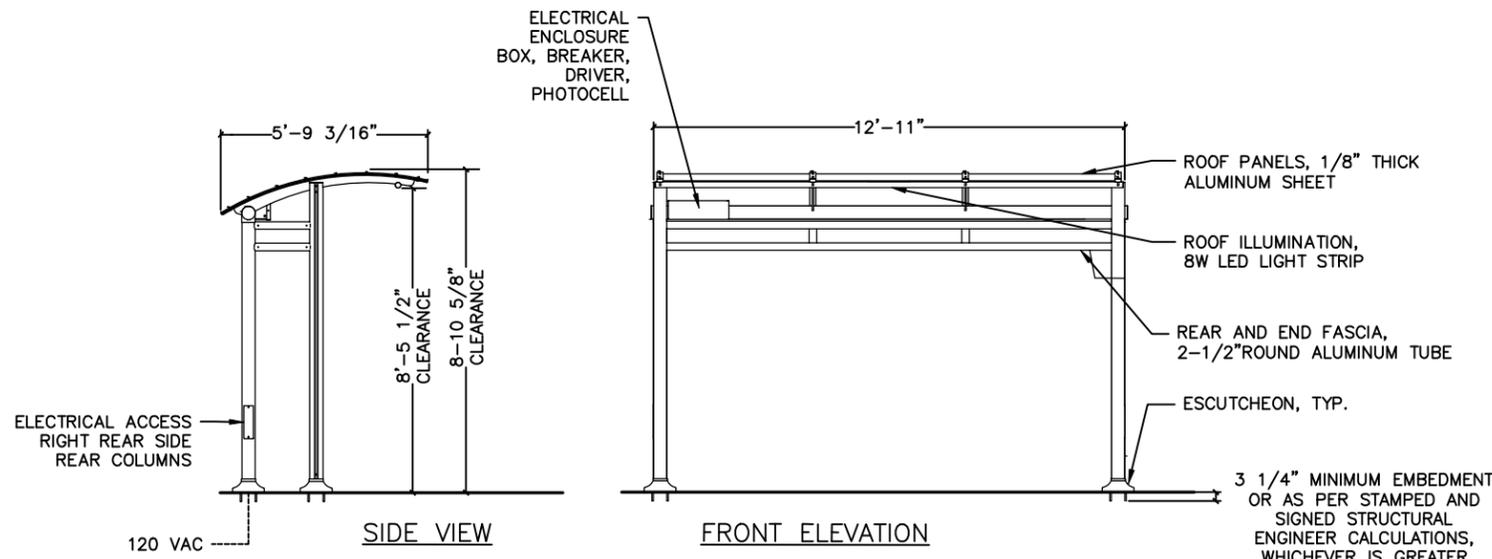
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CITY OF BERKELEY
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UNIVERSITY WEST BUS STOP IMPROVEMENTS
 ACTON STREET BUS BULB AND PEDESTRIAN CROSSING IMPROVEMENTS
 LANDSCAPE PLAN

PLAN	8283
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TOLAR MANUFACTURING COMPANY
 951-547-8209 DIRECT/909-215-9848 MOBILE
 PATRICK MERRICK, 258 MARIAH CIRCLE, CORONA, CA 92879
 PMERRICK@TOLARMFG.COM WWW.TOLARMFG.COM

TOLAR MANUFACTURING COMPANY SUNSET NON AD TRANSIT SHELTER WITH SUNSET SERIES EXTRUSION, ALUMINUM ROOF PANELS, NO WALLS, POSTS SET AT HALF SPAN, 110V LED ILLUMINATION UNDER THE SHELTER ROOF, DRAWING NUMBER 49126-00 REV. A 110 LED OR APPROVED EQUAL. REFER TO SPECIFICATIONS FOR FINISH AND OTHER DETAILS.

INSTALL PER MANUFACTURER'S INSTRUCTIONS. STAINLESS STEEL ANCHORS FOR SHELTER SURFACE MOUNTING.

TOLAR MANUFACTURING COMPANY
 951-547-8209 DIRECT/909-215-9848 MOBILE
 PATRICK MERRICK, 258 MARIAH CIRCLE, CORONA, CA 92879
 PMERRICK@TOLARMFG.COM WWW.TOLARMFG.COM

TOLAR MANUFACTURING COMPANY SUNSET NON AD TRANSIT SHELTER WITH SUNSET SERIES EXTRUSION, ALUMINUM ROOF PANELS, NO WALLS, POSTS SET AT HALF SPAN, SOLAR POWERED LED ILLUMINATION UNDER THE SHELTER ROOF, DRAWING NUMBER 49126-01 REV. A RMS 100 RAD93 OR APPROVED EQUAL. REFER TO SPECIFICATIONS FOR FINISH AND OTHER DETAILS.

INSTALL PER MANUFACTURER'S INSTRUCTIONS. STAINLESS STEEL ANCHORS FOR SHELTER SURFACE MOUNTING.

1 110V HARD WIRED BUS SHELTER
 L-08 SCALE: NTS

2 SOLAR POWERED BUS SHELTER
 L-08 SCALE: NTS

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WATERSHED REVIEW:	DATE

DEPICTION OF MONUMENTS:	DATE
SUBMITTED:	DATE
APPROVED:	DATE
CITY ENGINEER	DATE

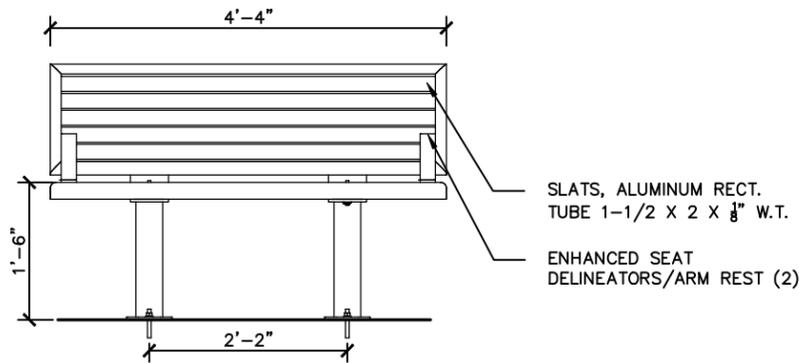
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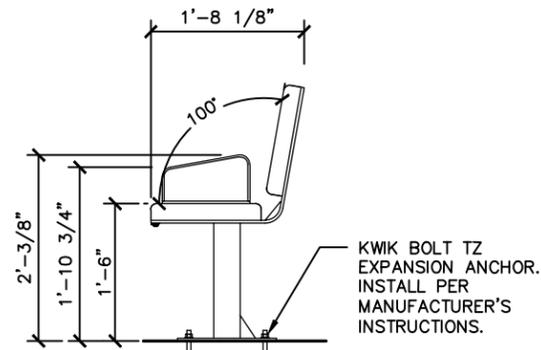
UNIVERSITY WEST BUS STOP IMPROVEMENTS
 LANDSCAPE DETAILS

PLAN 8283
 FILE 503-640
 L-08
 SHEET 27 OF 28

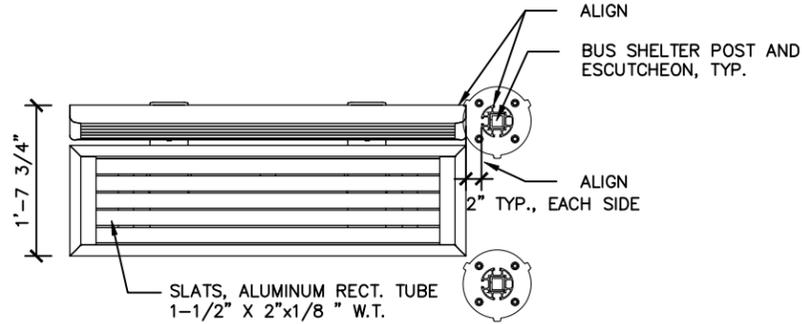
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FRONT VIEW



SIDE VIEW

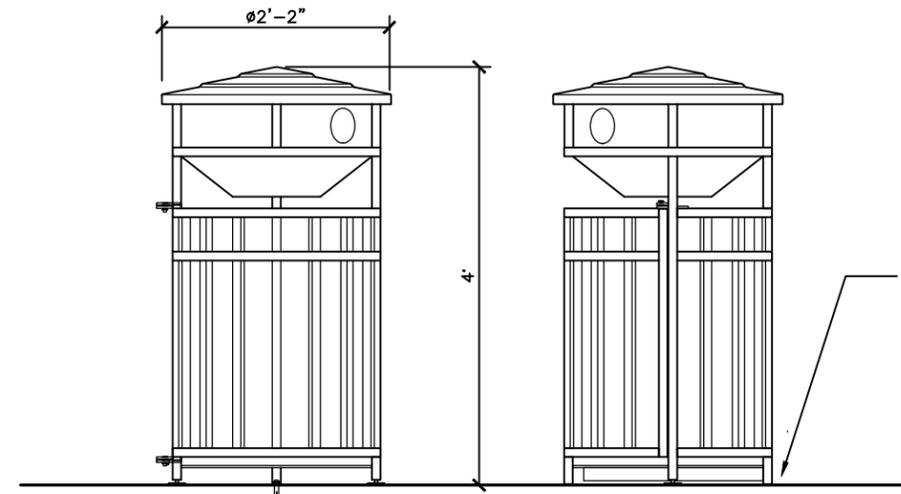


PLAN VIEW

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PATRICK MERRICK, 258 MARIAH CIRCLE, CORONA, CA
92879 PMERRICK@TOLAR.MFG.COM WWW.TOLAR.MFG.COM

52" MESA BENCH WITH BACK, ALUMINUM SLATS, TWO RAISED ARMRESTS, DURABLE BAKED POWDER COAT FINISH TO MATCH THE SHELTER, DRAWING NUMBER 49278-00 REV. A OR APPROVED EQUAL. REFER TO SPECIFICATIONS FOR FINISH AND OTHER DETAILS.

INSTALL PER MANUFACTURER'S INSTRUCTIONS. STAINLESS STEEL ANCHORS FOR SURFACE MOUNTING.



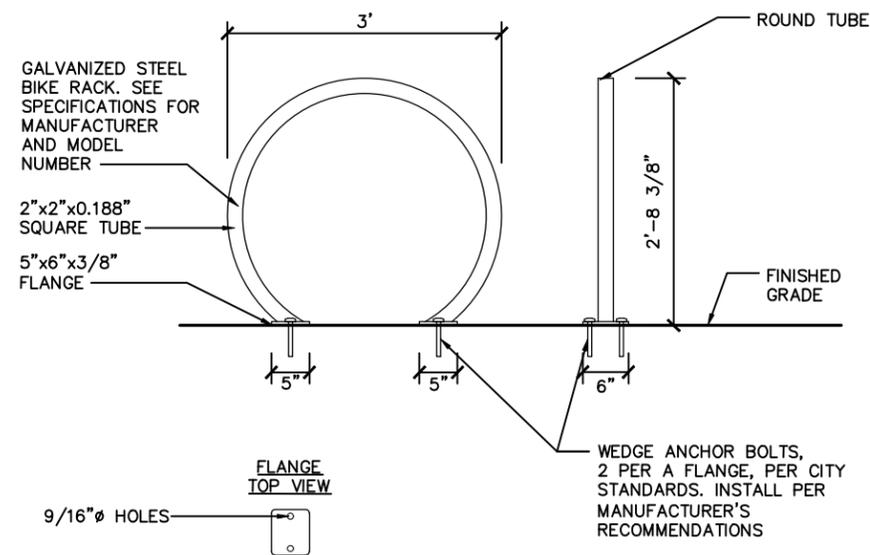
FRONT VIEW

SIDE VIEW

- NOTES:
1. TRASH CAN FRONT (SWING DOOR) TO BE ORIENTED TOWARDS STREET CURB. REFER TO SPECIFICATIONS.
 2. DOOR SWING DIRECTION VARIES. REFER TO PLANS FOR DIRECTION OF DOOR SWING TO BE USED AND PLACED AT EACH LOCATION.
 3. SEE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBER.

1 BENCH
L-09 SCALE: NTS

2 TRASH/RECYCLING RECEPTACLE
L-09 SCALE: NTS



FLANGE TOP VIEW

3 BIKE RACK
L-09 SCALE: NTS



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CITY OF BERKELEY
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UNIVERSITY WEST BUS STOP IMPROVEMENTS
LANDSCAPE DETAILS

PLAN	8283
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SHEET	28 OF 28

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