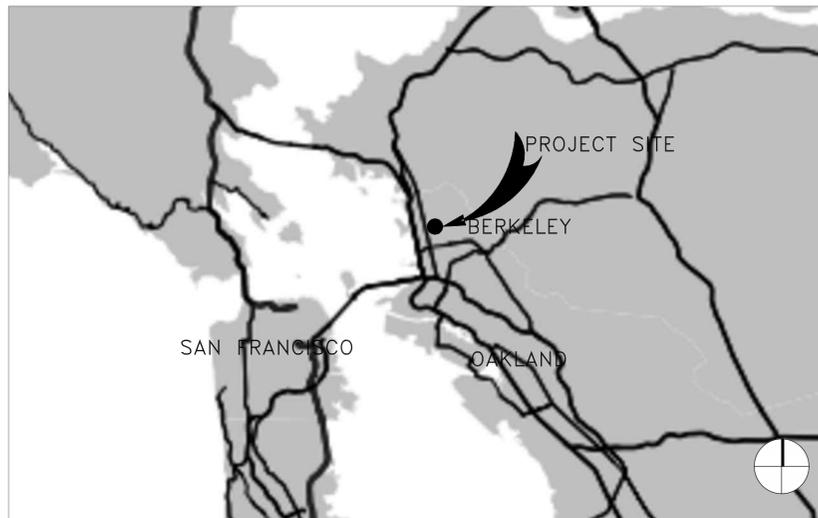


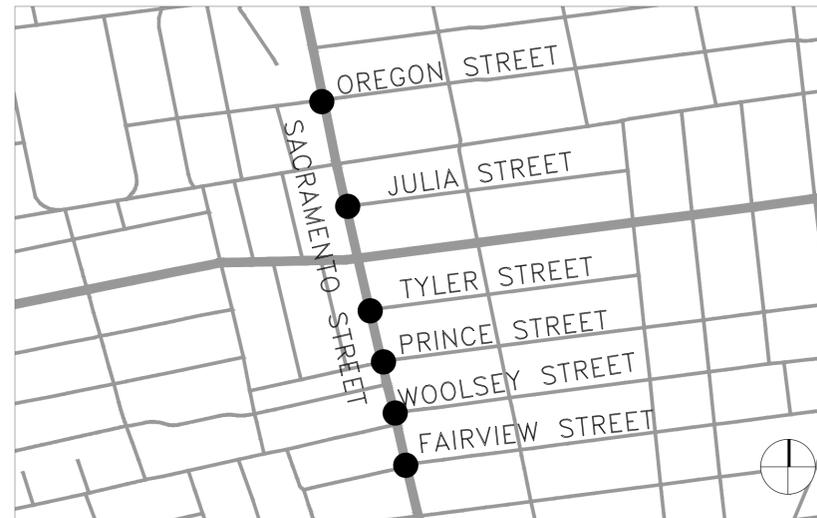
CITY OF BERKELEY HSIP SACRAMENTO STREET PEDESTRIAN SAFETY PROJECT

SPECIFICATION NO. 24-11643-C
HIGHWAY SAFETY IMPROVEMENT PROGRAM PROJECT NO HSIPL-5057(054)

VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE



SHEET INDEX

SHEET DRAWING DESCRIPTION

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2	T-2	GENERAL NOTES
3	T-3	SURVEY CONTROL
4	D-1	DEMOLITION PLAN (SACRAMENTO ST / OREGON ST)
5	D-2	DEMOLITION PLAN (SACRAMENTO ST / JULIA ST)
6	D-3	DEMOLITION PLAN (SACRAMENTO ST / PRINCE ST)
7	D-4	DEMOLITION PLAN (SACRAMENTO ST / FAIRVIEW ST)
8	D-5	SIGN REMOVAL PLAN
9	D-6	STRIPING DEMOLITION
10	D-7	STRIPING DEMOLITION
11	C-1	CIVIL PLAN & STRIPING DETAIL (SACRAMENTO ST / OREGON ST)
12	C-2	CIVIL PLAN (SACRAMENTO ST / JULIA ST)
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15	C-5	CURB RAMP PLAN SW CORNER (SACRAMENTO ST / OREGON ST)
16	C-6	CURB RAMP PLAN SE CORNER (SACRAMENTO ST / OREGON ST)
17	C-7	PAVING & STRIPING PLAN
18	C-8	PAVING & STRIPING PLAN
19	CD-1	CIVIL DETAILS
20	E-1	ELECTRICAL PLAN (SACRAMENTO ST / OREGON ST)
21	E-2	ELECTRICAL PLAN (SACRAMENTO ST / PRINCE ST)
22	E-3	ELECTRICAL PLAN (SACRAMENTO ST / FAIRVIEW ST)
23	ED-1	ELECTRICAL DETAILS
24	S-1	SIGNAGE PLAN
25	S-2	SIGNAGE PLAN

BASIS OF TOPOGRAPHY

BENCHMARK DE8482

VERTICAL DATUM NAVD88 ADJUSTED TO BENCHMARK DE8482.

HORIZONTAL DATUM NAD83/CALIFORNIA ZONE III

BASIS OF BEARINGS

HORIZONTAL BASIS OF TOPOGRAPHY IS LOCAL

SURVEY PERFORMED BY UNICO ENGINEERING, 09 / 22



100% PLANS



Parametrix

PROJECT MANAGER: *[Signature]* DATE: 08/20/2024
SURVEY CHIEF OF PARTY: *[Signature]* DATE: 8/23/2024
WATERSHED REVIEW: *[Signature]* DATE: 8/23/2024

DEPICTION OF MONUMENTS: *[Signature]* DATE: *[Signature]*
APPROVED: *[Signature]* DATE: 8/22/24
CITY ENGINEER

SUBMITTED: *[Signature]* DATE: 8/20/24
SUPERVISING CIVIL ENGINEER
R.C.E. 80704
EXP. 12/31/24
DATE: 8/22/24
R.C.E. 62524
EXP. 9/30/2025

DESIGN: ML
DRAWN: ML
CHECK: AL
AS BUILT: _____
HORIZ. VARIES
VERT. NA
BOOK _____
DATE: 07/11/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
TITLE SHEET

PLAN 8275
FILE 503-634
T-1
SHEET 1 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

GENERAL NOTES:

- ALL MEASURED DISTANCES AND DIMENSIONS ARE SHOWN IN DECIMAL FEET THEREOF.
- AREAS OF FIELD SURVEY, AS INDICATED IN PLAN SHEET 3, WERE PERFORMED IN SEPTEMBER, 2022. ALL OTHER AREAS WERE PERFORMED BY AERIAL SURVEY IN SEPTEMBER 2022.
- HORIZONTAL CONTROL IS NAD83. VERTICAL CONTROL IS NAVD88, ADJUSTED TO CITY OF BERKELEY DATUM AS INDICATED ON SHEET 3.
- 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 OF 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.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERIM CONDITIONS OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, FOR INSTALLATION, IMPLEMENTATION, AND MAINTENANCE OF ALL SURFACE WATER POLLUTION PREVENTION MEASURES THROUGHOUT THE FULL EXTENT OF THE PROJECT. SURFACE WATER IS CLASSIFIED AS ANY BODY OF WATER ABOVE GROUND.
- OVERHEAD UTILITY SERVICE DROPS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL INVESTIGATE THE SITE AND BE AWARE OF LIMITED OVERHEAD CLEARANCES.
- ALL MAINTENANCE HOLES, CLEANOUTS AND WATER VALVES SHALL BE ADJUSTED TO GRADE WITHIN 48 HOURS OF PAVING. ALL PAVING SHALL BE COMPLETED WITHIN 24 HOURS OF RAISING THE UTILITY TO GRADE.
- REVOCABLE ITEM – THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING ALL UTILITY BOXES TO THE GRADE OF THE FINISHED SIDEWALK OR GUTTER PRIOR TO THE POUR, INCLUDING COORDINATING WITH ALL UTILITY PROVIDERS AND/OR CLEANING AND CLEARING OF CONCRETE MORTAR FROM ALL UTILITY BOXES IN THE AREA SO THEY ARE FULLY ACCESSIBLE UPON COMPLETION OF THE SIDEWALK INSTALLATION.
- ALL STRIPING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MEASURE AND MARK EXISTING STRIPING, PAVEMENT MARKINGS, AND RAISED PAVEMENT MARKERS PRIOR TO AND DURING THE STREET WORK. LAYOUT MARKINGS SHALL BE LAID OUT IN ADVANCE OF FINAL STRIPING. ALL LAYOUT MARKINGS SHALL BE APPROVED IN WRITING BY THE CITY ENGINEER. THE CONTRACTOR SHALL PROVIDE A ONE WEEK TIME PERIOD FOR REVIEW OF LAYOUT MARKINGS. STRIPING CHANGES SHALL BE APPROVED BY THE CITY ENGINEER.
- PAVEMENT MARKINGS DISTURBED, DAMAGED IN ANY FORM, OR TO ANY DEGREE WHILE THE CONTRACTOR HAS CUSTODY OF THE SITE SHALL BE REPLACED IN THEIR ENTIRETY AT CONTRACTOR'S EXPENSE.
- 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.

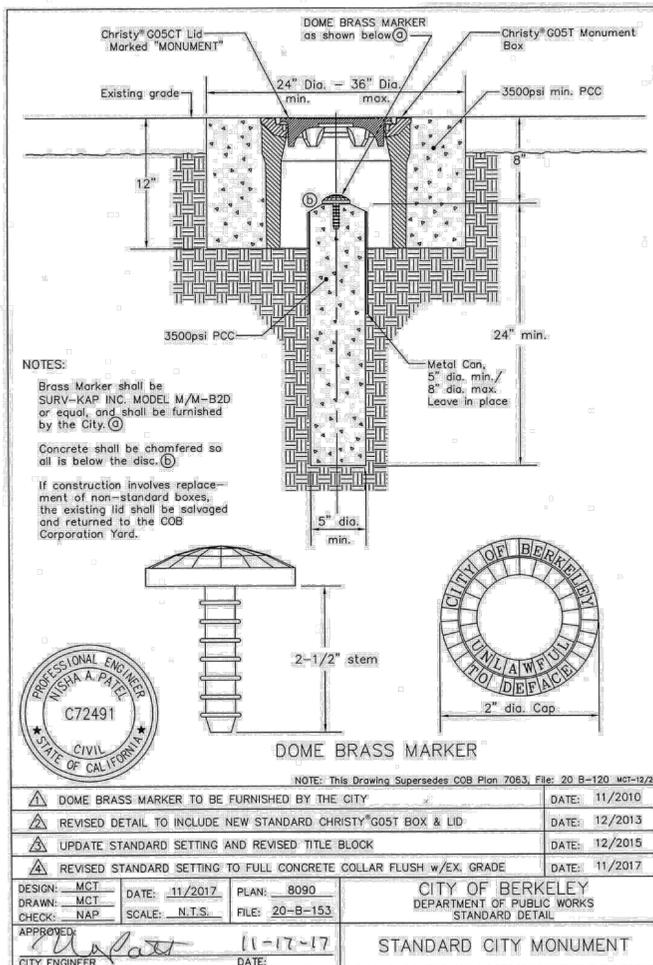
CONSTRUCTION NOTES:

- SAWCUT EXISTING PAVEMENT AT LIMIT OF WORK, TYPICAL.
- PROTECT AND PRESERVE ALL SURVEY MONUMENTS. SEE MONUMENT PRESERVATION NOTE ABOVE.
- PROTECT ALL DRAINAGE AND SEWAGE STRUCTURES AND PIPES FROM INFILTRATION OF ALL CONSTRUCTION DEBRIS OR THE DURATION OF WORK.

PRESERVATION OF SURVEY MONUMENTS

ALL CITY OF BERKELEY MONUMENTS LOCATED WITHIN THE PROJECT MUST BE REFERENCED, PRIOR TO WORK COMMENCING, BY A LICENSED LAND SURVEYOR AS REQUIRED BY SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE. COVER 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 MARKS AND STAKES. SHOULD ANY SURVEY MONUMENTS, BENCHMARKS, REFERENCE MARKS 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 WORK.



SYMBOLS LEGEND

EXISTING	PROPOSED

ABBREVIATIONS

AC	ASPHALT CONCRETE
APS	ACCESSIBLE PEDESTRIAN SIGNAL
CA MUTCD	CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
MON BXXXX	SURVEY MONUMENT DESIGNATION
NTS	NOT TO SCALE
PBA	PUSH BUTTON ASSEMBLY
PED	PEDESTRIAN
RRFB	RECTANGULAR RAPID FLASHING BEACON
TYP	TYPICAL



Parametrix

PROJECT MANAGER: _____ DATE: _____	DEPICTION OF MONUMENTS: _____ DATE: _____	SUBMITTED: _____ DATE: _____	DESIGN: <u>ML</u>	HORIZ. <u>VARIABLES</u>	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	HSIP SACRAMENTO ST PED SAFETY GENERAL NOTES	PLAN 8275
SURVEY CHIEF OF PARTY: _____ DATE: _____	SUPERVISING CIVIL ENGINEER: _____ DATE: _____	AS BUILT: _____ DATE: 02/11/2024	DRAWN: <u>ML</u>	VERT. <u>NA</u>			FILE 503-634
WATERSHED REVIEW: _____ DATE: _____	APPROVED: _____ DATE: _____	CHECK: <u>AL</u>	BOOK _____	DATE 02/11/2024			T-2
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	CITY ENGINEER: _____ DATE: _____	AS BUILT: _____ DATE: _____	DATE 02/11/2024				SHEET 2 OF 25



SURVEY CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	2138702.52	6047968.62	80.06	X IN CONCRETE
101	2138339.68	6048020.76	78.81	X IN CONCRETE
102	2139081.19	6047906.98	81.11	X IN CONCRETE
103	2137341.15	6048179.74	75.15	X IN CONCRETE
104	2137438.46	6048174.20	75.15	X IN CONCRETE
105	2137426.55	6048254.09	75.37	X IN CONCRETE
106	2136685.80	6048287.72	74.92	MAG NAIL
107	2136809.04	6048275.80	75.43	X IN CONCRETE
108	2136771.48	6048333.07	75.53	X IN CONCRETE

NOTES:

- UNICO ENGINEERING HAS FIELD LOCATED ALL VISIBLE UTILITIES AND APPURTENANT STRUCTURES SHOWN HEREON. THE LOCATIONS OF ANY UNDERGROUND UTILITIES SHOWN HEREON WERE BASED UPON FIELD EVIDENCE. ACTUAL DEPTHS AND ALIGNMENTS SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.
- HORIZONTAL DATUM NAD 83 CALIFORNIA ZONE 3 AS TIED TO NGS PID DE8482.
- VERTICAL DATUM NAVD88 AS ADJUSTED TO BENCHMARK DE8482. ELEVATION 825.30 FEET.
- SEE CITY OF BERKELEY MONUMENT REFERENCE GUIDELINES FOR ADDITIONAL FOR DETAILS ON REFERENCING CITY MONUMENTS.
- SEE CITY OF BERKELEY STANDARD DETAILS 8090, 8091 AND 8179 FOR INSTALLATION OF NEW CITY MONUMENT.

CITY OF BERKELEY SACRAMENTO STREET PED SAFETY PROJECT SURVEY MONUMENTS

DESIGNATION	DESCRIPTION	LOCATION	DESIGNATION	DESCRIPTION	LOCATION		
1	B0155	BPCM2	RUSSELL ST / SACRAMENTO ST (EAST SIDE OF INTERSECTION)	12	B0852	BPCM2	66TH ST / SACRAMENTO ST (WEST SIDE OF INTERSECTION)
2	B0200	BPCM2	OREGON ST / SACRAMENTO ST (EAST SIDE OF INTERSECTION)	13	B0853	BPCM2	FAIRVIEW ST / SACRAMENTO ST (WEST SIDE OF INTERSECTION)
3	B0833	BPCM2	TYLER ST / SACRAMENTO ST (EAST SIDE OF INTERSECTION)	14	B0854	BPCM2	FAIRVIEW ST / SACRAMENTO ST (EAST SIDE OF INTERSECTION)
4	B0842	BPCM2	OREGON ST / SACRAMENTO ST (WEST SIDE OF INTERSECTION)	15	B3318	BDCM8P_MEDISLF	OREGON ST / SACRAMENTO ST (NORTH SIDE MEDIAN ISLAND)
5	B0844	BPCM2	JULIA ST / SACRAMENTO ST (EAST SIDE OF INTERSECTION)	16	B3569	BDCM12P_MEDISLF	FAIRVIEW ST / SACRAMENTO ST (NORTH SIDE MEDIAN ISLAND)
6	B0846	BPCM2	ASHBY AVE / SACRAMENTO ST (WEST SIDE OF INTERSECTION)	17	B3570	BDCM12P_MEDISLF	66TH ST / SACRAMENTO ST (SOUTH SIDE MEDIAN ISLAND)
7	B0847	BPCM2	ASHBY AVE / SACRAMENTO ST (EAST SIDE OF INTERSECTION)	18	B3571	BDCM12P_MEDISLF	WOOLSEY ST / SACRAMENTO ST (NORTH SIDE MEDIAN ISLAND)
8	B0848	BPCM2	PRINCE ST / SACRAMENTO ST (WEST SIDE OF INTERSECTION)	19	B3572	BDCM12P_MEDISLF	PRINCE ST / SACRAMENTO ST (NORTH SIDE MEDIAN ISLAND)
9	B0849	BPCM2	PRINCE ST / SACRAMENTO ST (EAST SIDE OF INTERSECTION)	20	B3623	BDCM12P_MEDISLF	TYLER ST / SACRAMENTO ST (NORTH SIDE MEDIAN ISLAND)
10	B0850	BPCM2	67TH ST / SACRAMENTO ST (WEST SIDE OF INTERSECTION)	21	B3624	BDCM12P_MEDISLF	ASHBY AVE / SACRAMENTO ST (NORTH SIDE MEDIAN ISLAND)
11	B0851	BPCM2	WOOLSEY ST / SACRAMENTO ST (EAST SIDE OF INTERSECTION)	22	B3625	BDCM12P_MEDISLF	JULIA ST / SACRAMENTO ST (MEDIAN ISLAND CUT THROUGH)

DESCRIPTION LEGEND:

BDCM12P_MEDISLF	BDCM12P_MEDISLF	BRASS DISK CITY MONUMENT 12 TIMES 1/8" (1 1/2") IN DIAMETER WITH A PUNCH MARK SET FLUSH IN MEDIAN ISLAND
BDCM8P_MEDISLF	BDCM8P_MEDISLF	BRASS DISK CITY MONUMENT 8 TIMES 1/8" (1") IN DIAMETER WITH A PUNCH MARK SET FLUSH IN MEDIAN ISLAND
BPCM2	BPCM2	BRASS DISK CITY MONUMENT 2 TIMES 1/8" (1/4") IN DIAMETER (IN STANDARD WELL)



100% PLANS



Parametrix

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

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

DESIGN _____ ML _____ HORIZ. _____ VARIES _____
 DRAWN _____ ML _____ VERT. _____ NA _____
 CHECK _____ AL _____ BOOK _____
 AS BUILT _____ DATE 02/11/2024

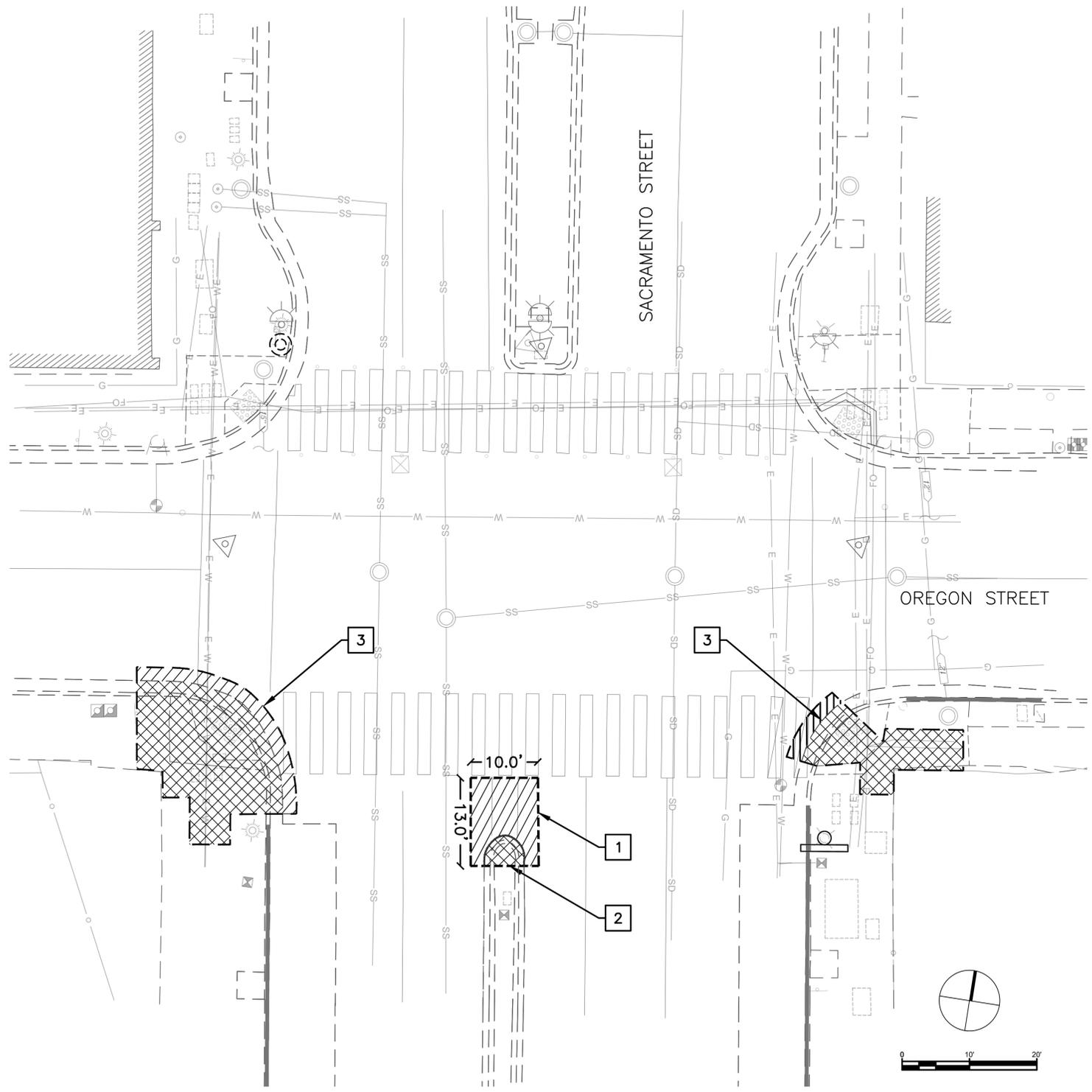
DESIGN _____ ML _____ HORIZ. _____ VARIES _____
 DRAWN _____ ML _____ VERT. _____ NA _____
 CHECK _____ AL _____ BOOK _____
 AS BUILT _____ DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
 SURVEY CONTROL

PLAN 8275
 FILE 503-634
 T-3
 SHEET 3 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES

1. DEMOLITION SHALL BE WITHIN THE LIMITS OF WORK SHOWN, AS APPROVED BY ENGINEER.
2. ALL UTILITIES TO REMAIN SHALL BE PROTECTED.
3. CONCRETE SIDEWALK AND CURB RAMP DEMOLITION TO THE NEAREST SCORE LINE.
4. SEE SHEETS D-5 FOR SIGN REMOVAL PLAN AND D-6 FOR STRIPING DEMOLITION PLAN.
5. SEE SHEETS C-5 AND C-6 FOR CURB RAMP REMOVAL DIMENSIONS.
6. SEE SHEET C-1 FOR PROPOSED IMPROVEMENTS.

CONSTRUCTION NOTES

- 1 SAWCUT AND REMOVE EXISTING ASPHALT.
- 2 REMOVE EXISTING CONCRETE MEDIAN, CURB AND GUTTER.
- 3 REMOVE EXISTING CONCRETE CURB AND GUTTER AND SIDEWALK.

LEGEND

- SAWCUT LINE
- [Cross-hatched box] LIMITS OF CONCRETE REMOVAL
- [Diagonal-hatched box] LIMITS OF AC REMOVAL



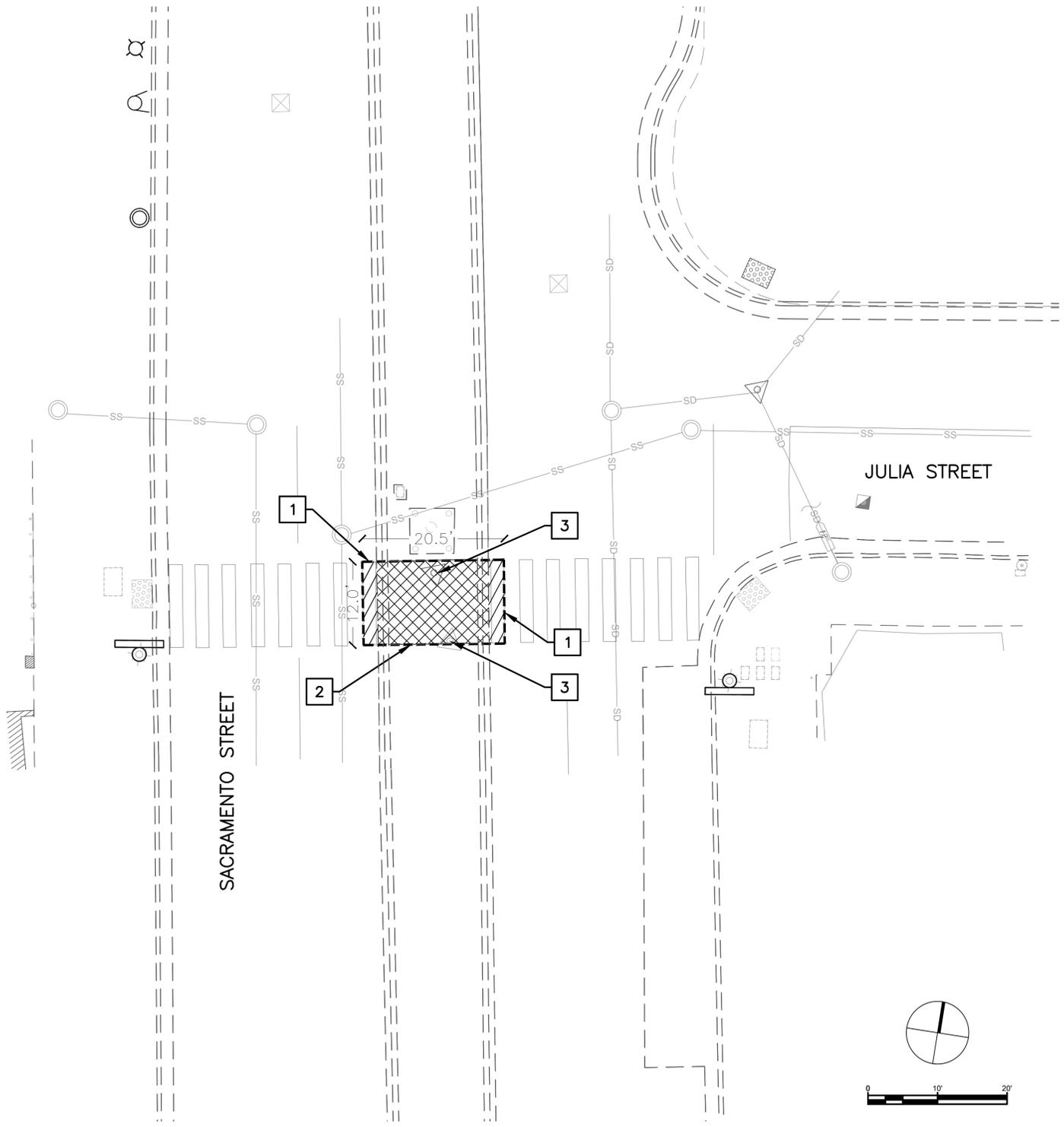
100% PLANS



Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: <u>ML</u>	HORIZ. <u>VARIES</u>	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	HSIP SACRAMENTO ST PED SAFETY SACRAMENTO ST / OREGON ST DEMOLITION PLAN
SURVEY CHIEF OF PARTY _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	DRAWN: <u>ML</u>	VERT. <u>NA</u>		
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	0 1 2 3	CITY ENGINEER _____	CHECK: <u>AL</u>	BOOK _____		
			AS BUILT _____	DATE <u>07/11/2024</u>		

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES

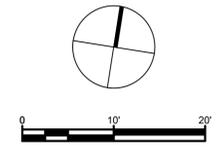
1. DEMOLITION SHALL BE WITHIN THE LIMITS OF WORK SHOWN, AS APPROVED BY ENGINEER.
2. ALL UTILITIES TO REMAIN SHALL BE PROTECTED.
3. SEE SHEETS D-5 FOR SIGN REMOVAL PLAN AND D-6 FOR STRIPING DEMOLITION PLAN.
4. SEE SHEET C-2 FOR PROPOSED IMPROVEMENTS.

CONSTRUCTION NOTES

- 1 SAWCUT AND REMOVE EXISTING ASPHALT.
- 2 REMOVE EXISTING CONCRETE MEDIAN, CURB AND GUTTER. THE CONTRACTOR SHALL EXCAVATE BY HAND TO AVOID DAMAGE TO BURIED ELECTRICAL SERVICE CONNECTION TO STATUE LIGHTING.
- 3 REMOVE AND REESTABLISH EXISTING MONUMENT. VERIFY WITH CITY HOW TO PROCEED.

LEGEND

- SAWCUT LINE
- [Cross-hatch pattern] LIMITS OF CONCRETE REMOVAL
- [Diagonal-hatch pattern] LIMITS OF AC REMOVAL



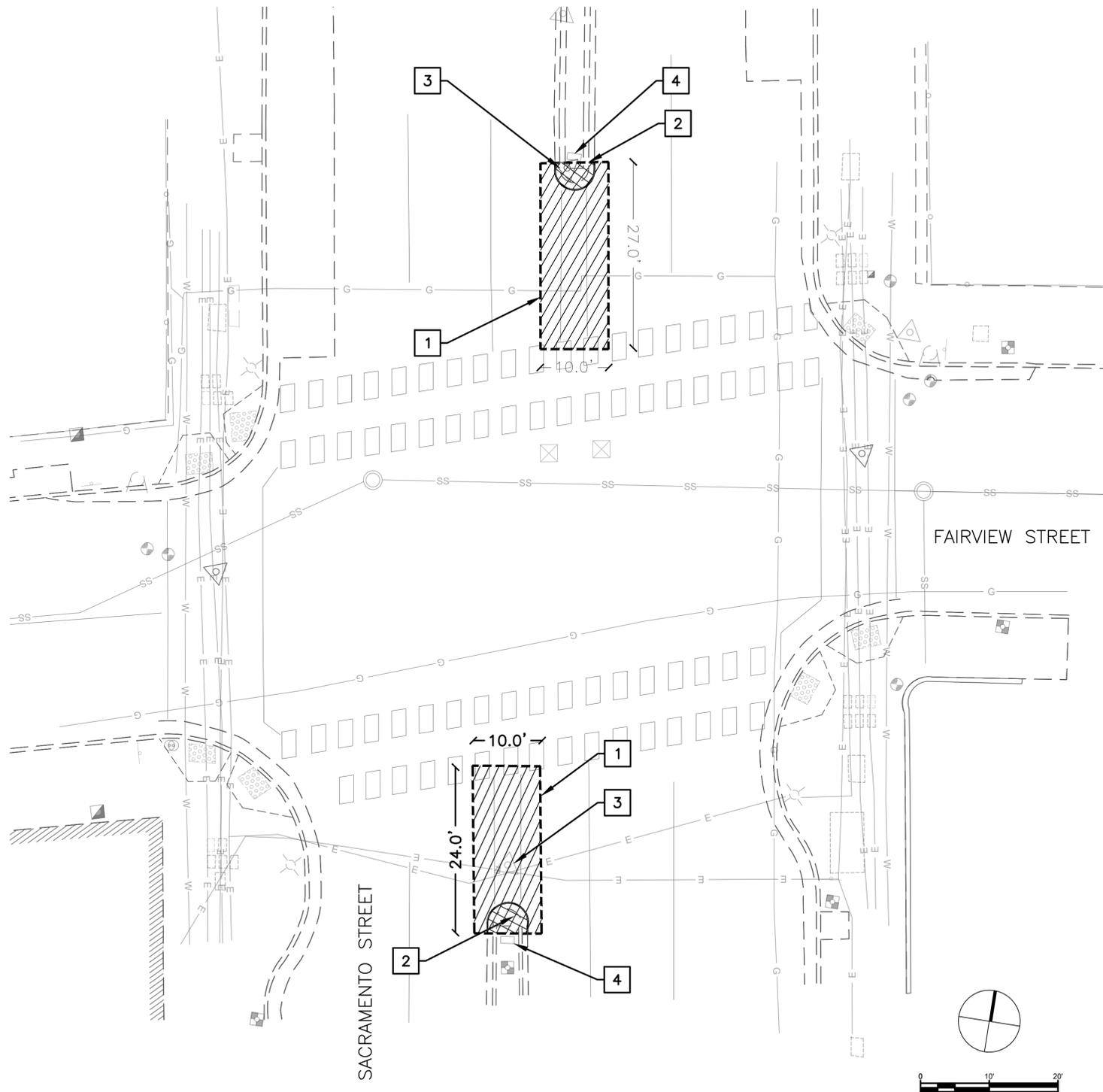
100% PLANS



Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: <u>ML</u>	HORIZ.: <u>VARIES</u>	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	HSIP SACRAMENTO ST PED SAFETY SACRAMENTO ST / JULIA ST DEMOLITION PLAN
SURVEY CHIEF OF PARTY _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	DRAWN: <u>ML</u>	VERT.: <u>NA</u>		
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	_____	CITY ENGINEER _____	CHECK: <u>AL</u>	BOOK: _____		
			AS BUILT: _____	DATE: <u>02/11/2024</u>		

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES

1. DEMOLITION SHALL BE WITHIN THE LIMITS OF WORK SHOWN, AS APPROVED BY ENGINEER.
2. ALL UTILITIES TO REMAIN SHALL BE PROTECTED.
3. SEE SHEET D-7 FOR STRIPING DEMOLITION PLAN.
4. SEE SHEET C-4 FOR PROPOSED IMPROVEMENTS.

CONSTRUCTION NOTES

- 1 SAWCUT AND REMOVE EXISTING ASPHALT.
- 2 REMOVE EXISTING CONCRETE MEDIAN, CURB AND GUTTER.
- 3 REMOVE AND REPLACE EXISTING MONUMENT. VERIFY WITH CITY HOW TO PROCEED.
- 4 PROTECT IN PLACE EXISTING PULL BOX.

LEGEND

- SAWCUT LINE
- [Cross-hatched box] LIMITS OF CONCRETE REMOVAL
- [Diagonal hatched box] LIMITS OF AC REMOVAL



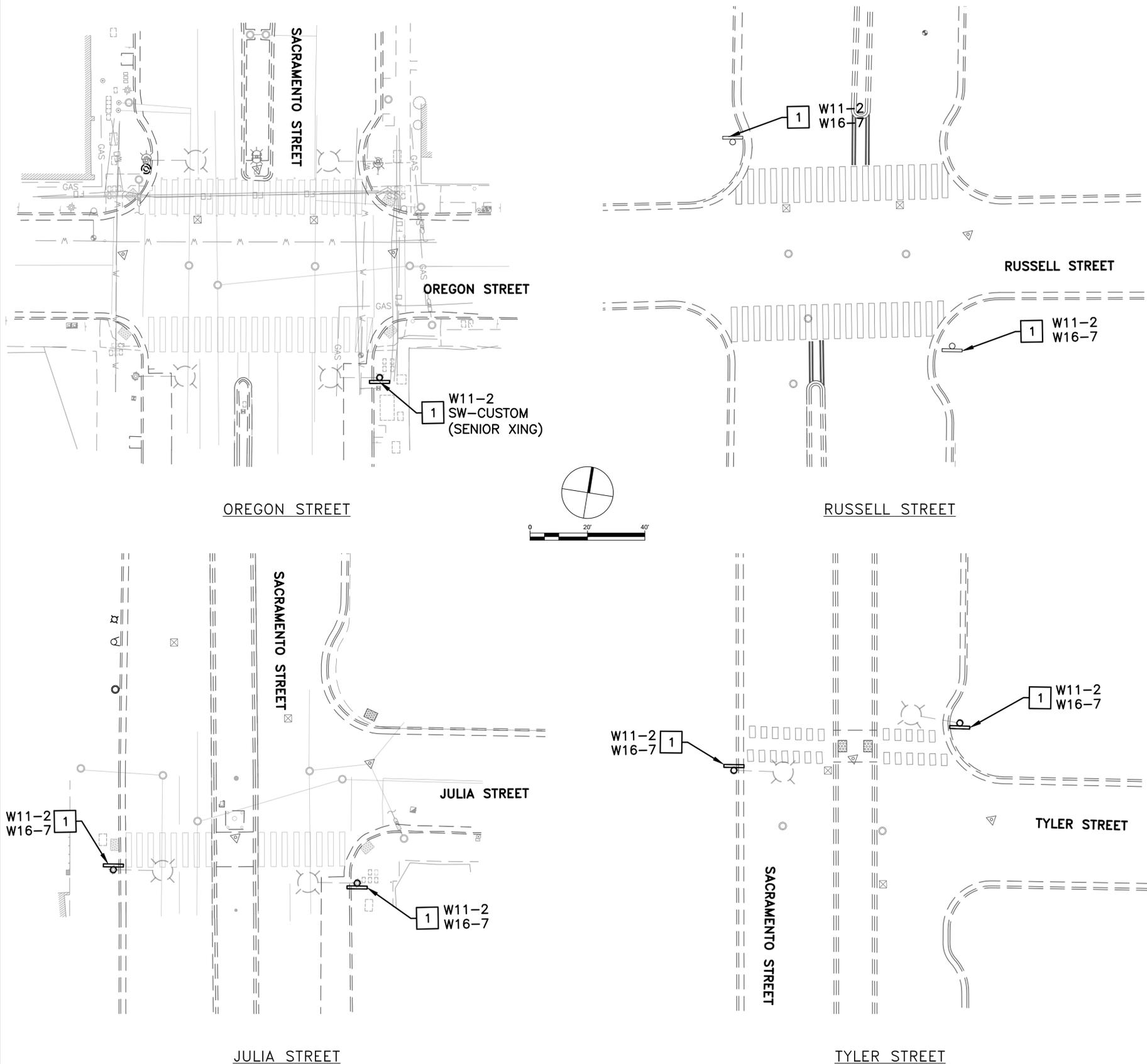
100% PLANS



Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: <u>ML</u>	HORIZ. <u>VARIES</u>	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS HSIP SACRAMENTO ST PED SAFETY SACRAMENTO ST / FAIRVIEW ST DEMOLITION PLAN
SURVEY CHIEF OF PARTY _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	DRAWN: <u>ML</u>	VERT. <u>NA</u>	
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	0 1 2 3	CITY ENGINEER _____	CHECK: <u>AL</u>	BOOK _____	
			AS BUILT _____	DATE <u>02/11/2024</u>	

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES

1. SIGN CODES PER CA MUTCD 2014 REV 7.
2. SEE SHEETS D-1 AND D-2 FOR DEMOLITION PLANS AND D-6 FOR STRIPING DEMOLITION PLAN.

CONSTRUCTION NOTES

- 1 REMOVE EXISTING SIGN.

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



100% PLANS



Parametrix

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

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

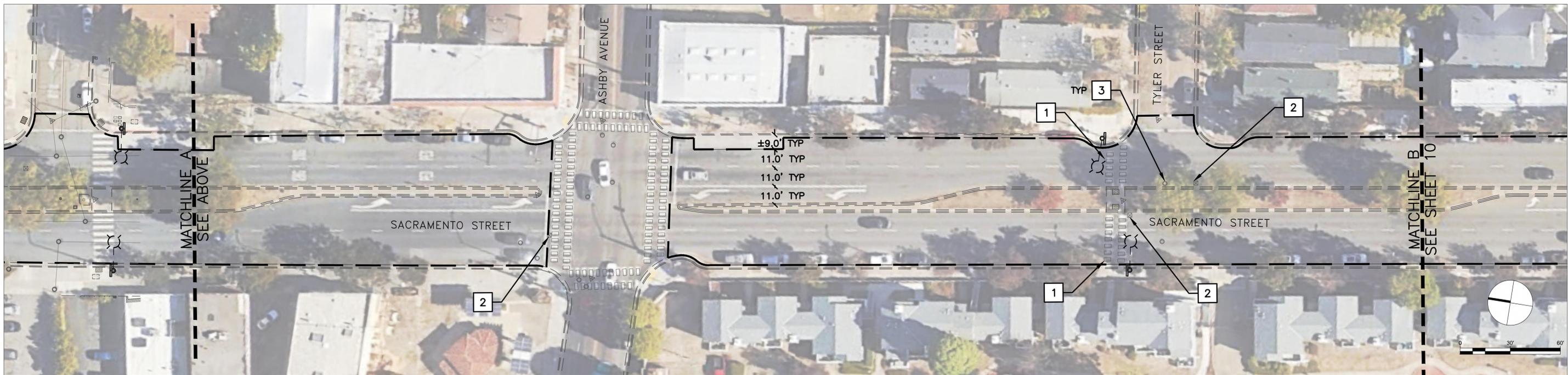
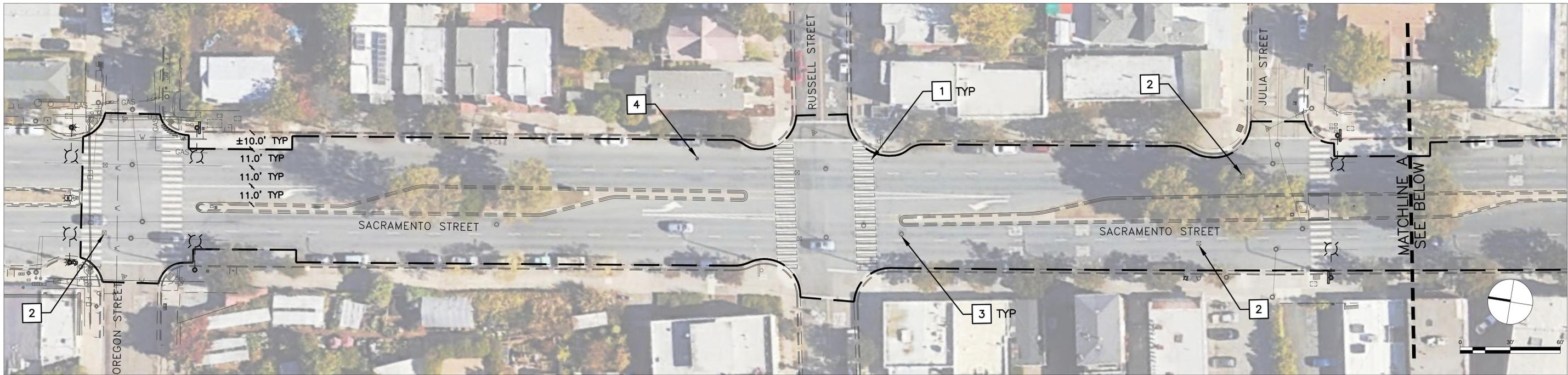
SUBMITTED: _____ DATE _____
 SUPERVISING CIVIL ENGINEER _____
 APPROVED: _____ DATE _____
 CITY ENGINEER _____ EXP. _____

DESIGN ML _____ HORIZ. VARIES _____
 DRAWN ML _____ VERT. NA _____
 CHECK AL _____ BOOK _____
 AS BUILT _____ DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

SACRAMENTO ST PED SAFETY
 SACRAMENTO ST
 SIGN REMOVAL PLAN

PLAN 8275
 FILE 503-634
 D-5
 SHEET 8 OF 25



GENERAL NOTES

- 1. SEE SHEETS D-1 AND D-2 FOR DEMOLITION PLANS AND SHEET D-5 FOR SIGN REMOVAL PLAN.
- 2. SEE SHEET C-7 FOR PAVING AND STRIPING PLAN.

CONSTRUCTION NOTES (THIS SHEET ONLY)

- 1 GRIND OUT EXISTING PAVEMENT MARKINGS STRIPING AND PAVEMENT MARKINGS.
- 2 REMOVE BLUE PAVEMENT MARKER.
- 3 PROTECT IN PLACE EXISTING MAINTENANCE HOLE.
- 4 PROTECT IN PLACE EXISTING HANDHOLE.
- 5 PROTECT IN PLACE EXISTING MONUMENT.

LEGEND & ABBREVIATIONS

- TYP TYPICAL
- STRIPING REMOVAL LIMITS



Parametrix

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

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

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

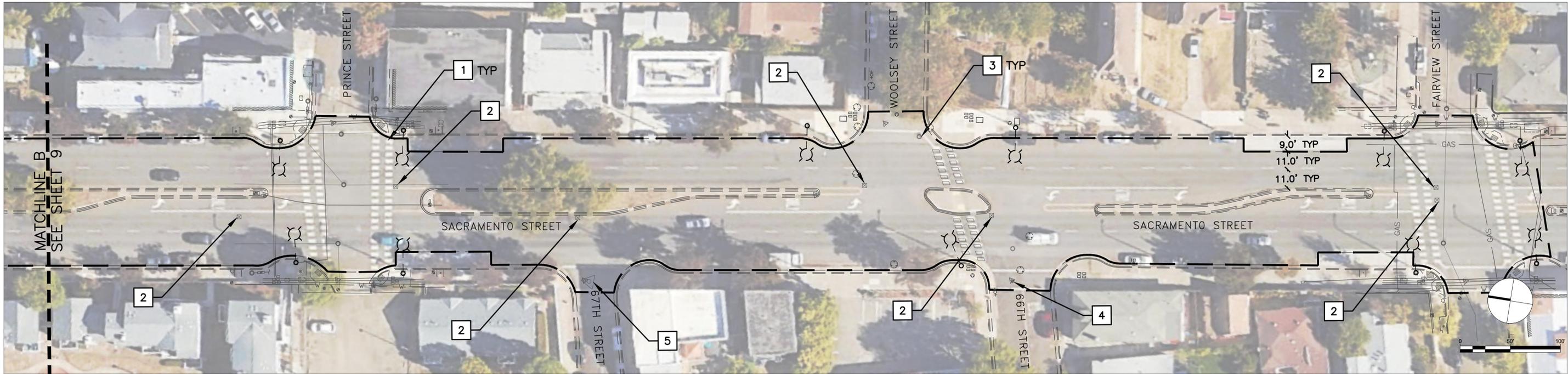
DESIGN ML _____ HORIZ. VARIES _____
 DRAWN ML _____ VERT. NA _____
 CHECK AL _____ BOOK _____
 AS BUILT _____ DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
 SACRAMENTO STREET
 STRIPING DEMOLITION

PLAN 8275
 FILE 503-634
 D-6
 SHEET 9 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES

1. SEE SHEETS D-3 AND D-4 FOR DEMOLITION PLANS AND SHEET D-5 FOR SIGN REMOVAL PLAN.
2. SEE SHEET C-8 FOR PAVING AND STRIPING PLAN.

CONSTRUCTION NOTES (THIS SHEET ONLY)

- | | |
|---|---|
| <p>1 GRIND OUT EXISTING PAVEMENT MARKINGS STRIPING AND PAVEMENT MARKINGS.</p> <p>2 REMOVE BLUE PAVEMENT MARKER.</p> <p>3 PROTECT IN PLACE EXISTING MAINTENANCE HOLE.</p> | <p>4 PROTECT IN PLACE EXISTING HANDHOLE.</p> <p>5 PROTECT IN PLACE EXISTING MONUMENT.</p> |
|---|---|

LEGEND & ABBREVIATIONS

- TYP** TYPICAL
- STRIPING REMOVAL LIMITS



Parametrix

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

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

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

DESIGN **ML** HORIZ. VARIES
 DRAWN **ML** VERT. NA
 CHECK **AL** BOOK _____
 AS BUILT _____ DATE **07/11/2024**

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

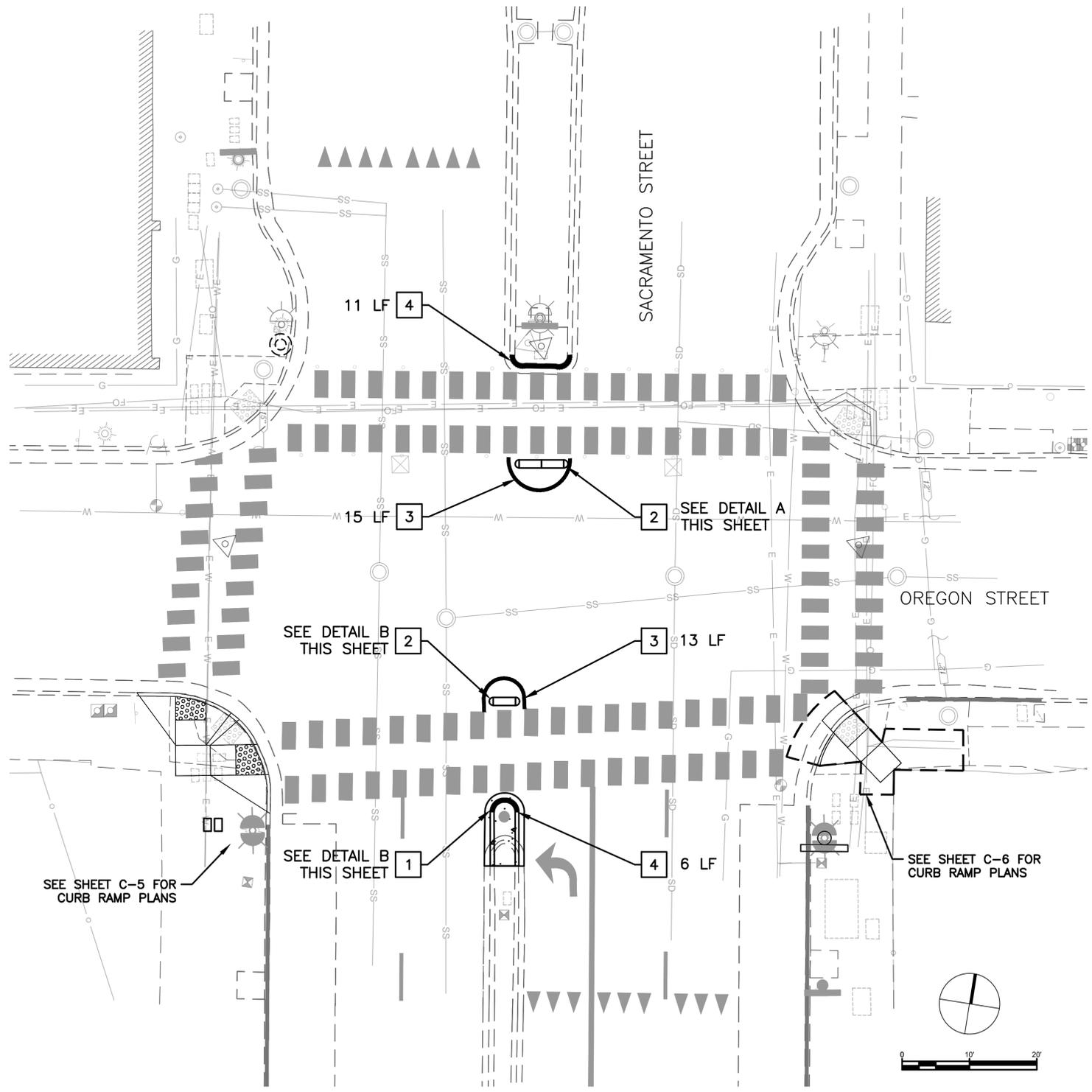


100% PLANS

HSIP SACRAMENTO ST PED SAFETY
 SACRAMENTO STREET
 STRIPING DEMOLITION

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8275
 FILE 503-634
 D-7
 SHEET 10 OF 25

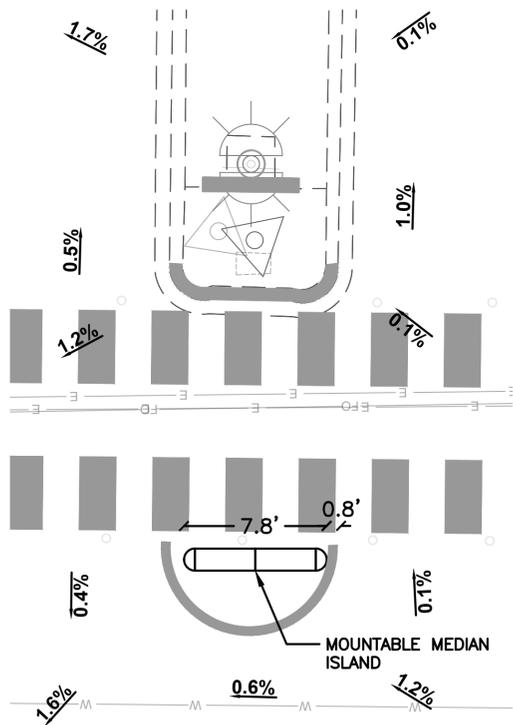


GENERAL NOTES

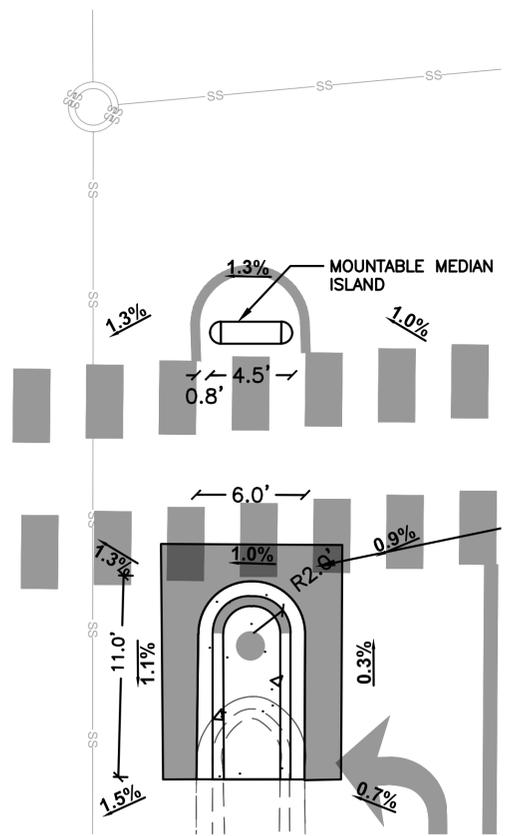
1. CURB AND GUTTER PER CITY OF BERKELEY STANDARD DETAILS PLAN 8145.
2. ALL MOUNTABLE MEDIAN ISLANDS SHALL BE INSTALLED MIN 6 IN FROM THE EDGE OF PROPOSED CROSSWALK STRIPING.
3. MOUNTABLE MEDIAN ISLANDS SHALL BE INSTALLED AFTER SLURRY SEAL AND NEW CROSSWALKS HAVE BEEN STRIPED.
4. SEE SHEETS C-5 AND C-6 FOR CURB RAMP PLANS, D-1 FOR DEMOLITION PLAN, C-7 FOR STRIPING PLAN, E-1 FOR ELECTRICAL PLAN, AND S-1 FOR SIGNAGE PLAN.

CONSTRUCTION NOTES

1. INSTALL RAISED CONCRETE MEDIAN ISLAND WITH STANDARD CURB AND GUTTER. SEE SHEET CD-1 DETAIL 6. MODIFY STANDARD GUTTER TO MATCH EXISTING GUTTER WIDTH.
2. INSTALL MOUNTABLE MEDIAN ISLAND. SEE SHEET CD-1 DETAIL 7.
3. INSTALL 6" YELLOW STRIPING AROUND MOUNTABLE MEDIAN ISLAND.
4. INSTALL YELLOW CURB PAINT.



DETAIL A
NOT TO SCALE



DETAIL B
NOT TO SCALE



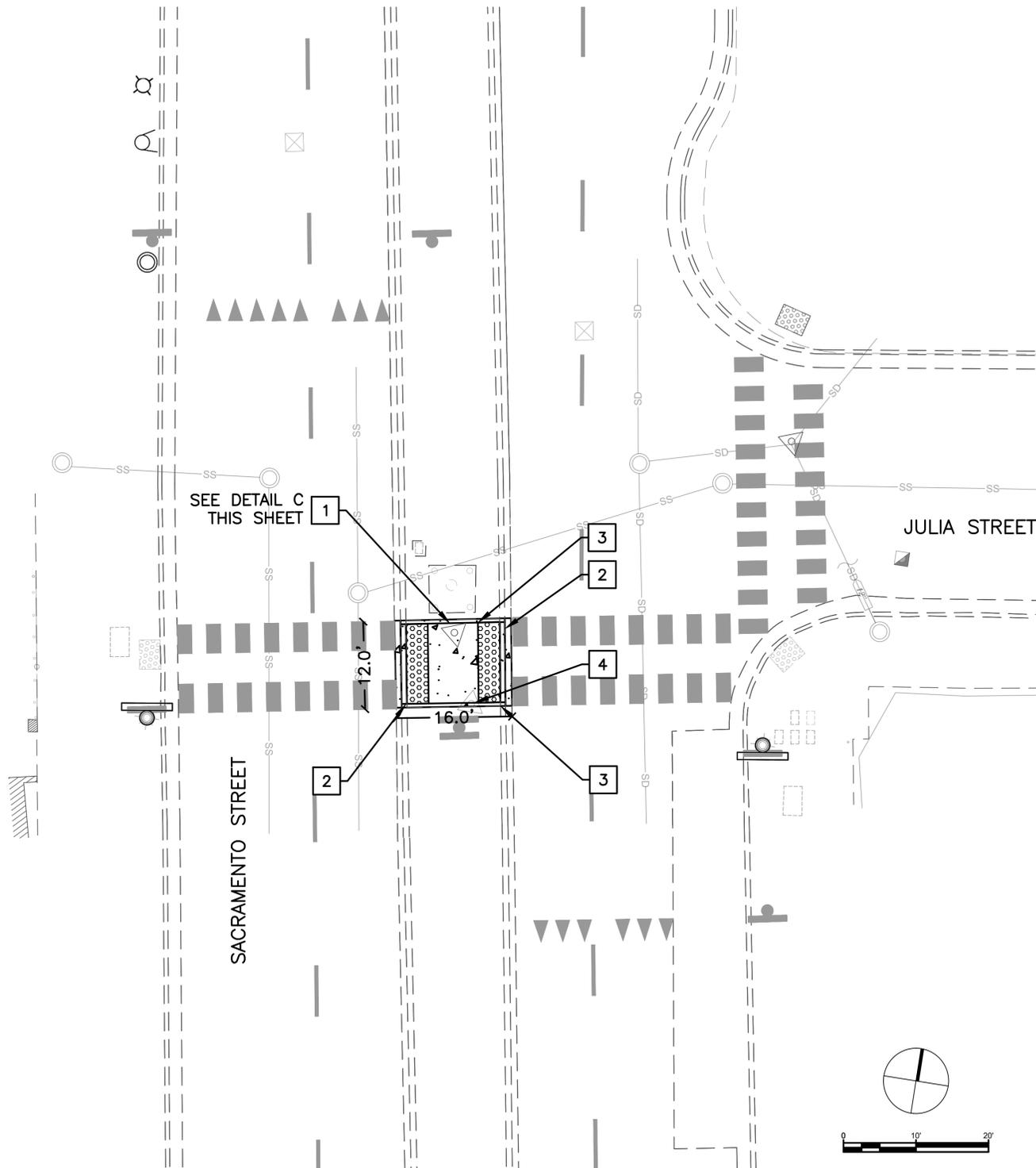
100% PLANS



Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: _____ ML _____	HORIZ. _____ VARIES _____	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	HSIP SACRAMENTO ST PED SAFETY SACRAMENTO ST / OREGON ST CIVIL PLAN & STRIPING DETAIL	PLAN 8275 FILE 503-634 C-1 SHEET 11 OF 25
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	DRAWN: _____ ML _____	VERT. _____ NA _____			
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: _____ AL _____	BOOK _____			
		CITY ENGINEER _____ DATE _____	AS BUILT _____	DATE 02/11/2024			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

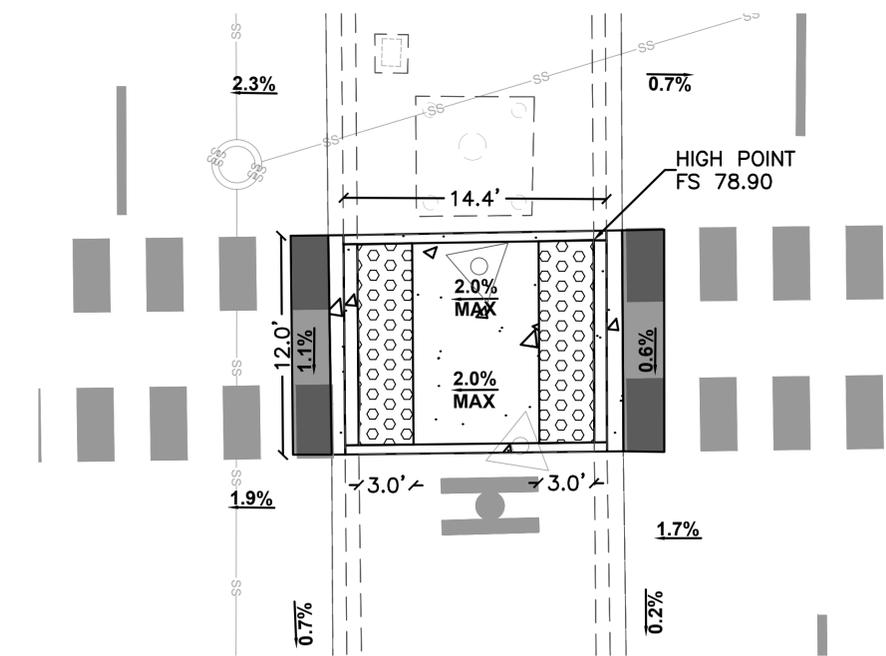


GENERAL NOTES

1. CURB AND GUTTER PER CITY OF BERKELEY STANDARD DETAILS PLAN 8145 AND PLAN 8146.
2. SEE SHEETS D-2 FOR DEMOLITION PLAN, C-7 FOR STRIPING PLAN, AND S-1 FOR SIGNAGE PLAN.

CONSTRUCTION NOTES

1. INSTALL NEW CONCRETE PEDESTRIAN PATHWAY WITH DETECTABLE WARNING SURFACE.
2. INSTALL FLUSH CONCRETE CURB AND 1 FOOT GUTTER. SEE SHEET CD-1 DETAIL 5.
3. INSTALL NEW 6" VERTICAL CURB. SEE SHEET CD-1 DETAIL 4.
4. REESTABLISH MONUMENT AT NEW ELEVATION.



DETAIL C
NOT TO SCALE



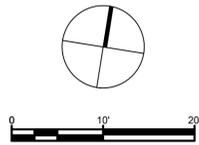
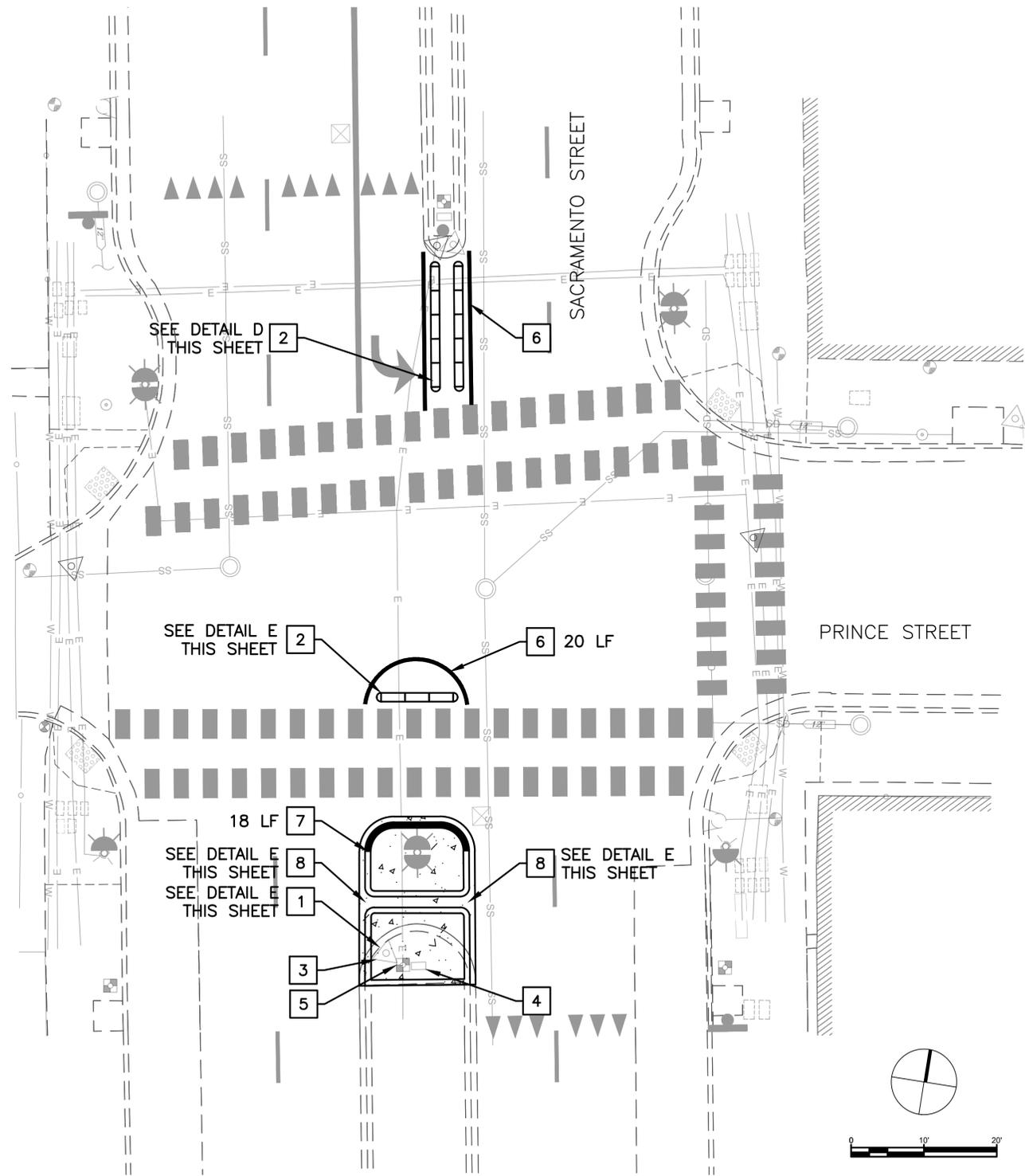
100% PLANS



Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: ML _____	HORIZ. VARIES _____	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	HSIP SACRAMENTO ST PED SAFETY SACRAMENTO ST / JULIA ST CIVIL PLAN
SURVEY CHIEF OF PARTY: _____ DATE _____	SURVEY CHIEF OF PARTY: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: ML _____	VERT. NA _____		
WATERSHED REVIEW: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: AL _____	BOOK _____		
		CITY ENGINEER: _____ DATE _____	AS BUILT _____	DATE 02/11/2024		

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

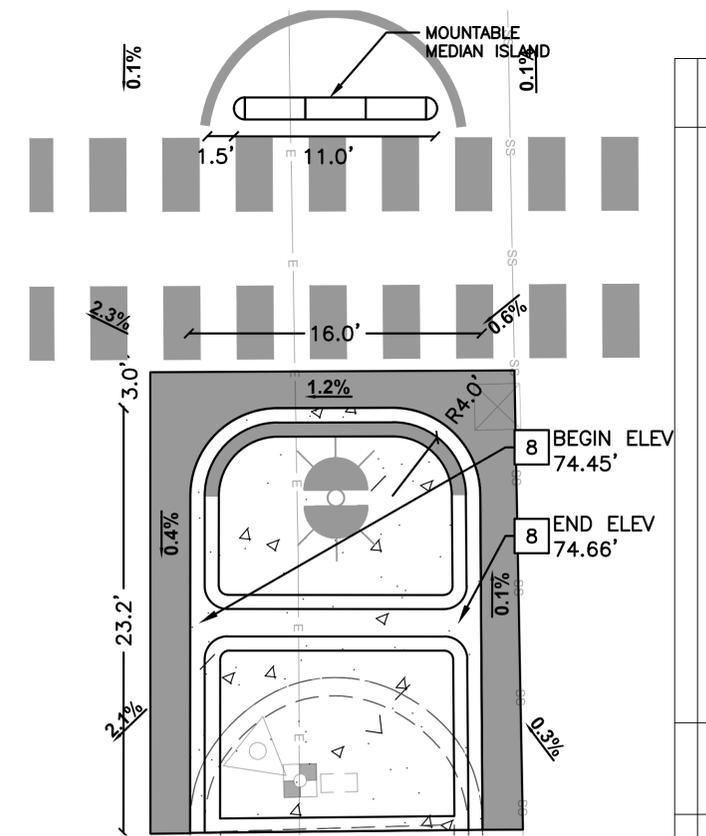
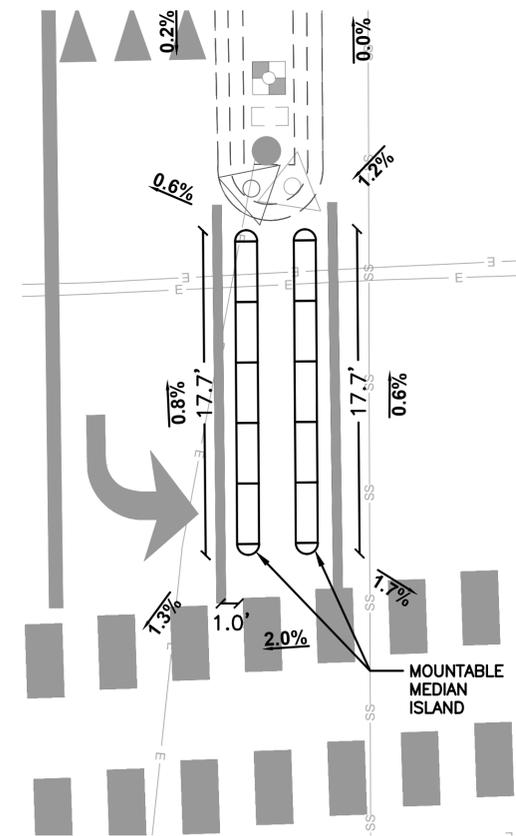


GENERAL NOTES

1. CURB AND GUTTER PER CITY OF BERKELEY STANDARD DETAILS PLAN 8145.
2. ALL MOUNTABLE MEDIAN ISLANDS SHALL BE INSTALLED MIN 6 IN FROM THE EDGE OF CROSSWALK STRIPING.
3. MOUNTABLE MEDIAN ISLANDS SHALL BE INSTALLED AFTER SLURRY SEAL.
4. SEE SHEETS D-3 FOR DEMOLITION PLAN, C-7 FOR STRIPING PLAN, E-2 FOR ELECTRICAL PLAN, AND S-1 FOR SIGNAGE PLAN.

CONSTRUCTION NOTES

1. INSTALL RAISED CONCRETE MEDIAN WITH STANDARD CURB AND GUTTER. SEE SHEET CD-1 DETAIL 6. MODIFY STANDARD GUTTER TO MATCH EXISTING GUTTER WIDTH.
2. INSTALL MOUNTABLE MEDIAN ISLAND. SEE SHEET CD-1 DETAIL 7.
3. REESTABLISH MONUMENT AT NEW ELEVATION.
4. ADJUST PULL BOX TO FINISHED GRADE.
5. ADJUST WATER METER TO FINISHED GRADE.
6. INSTALL 6" YELLOW STRIPING AROUND MOUNTABLE MEDIAN ISLAND.
7. INSTALL YELLOW CURB PAINT.
8. INSTALL 18" WIDE OPEN CHANNEL.



DETAIL E
NOT TO SCALE
100% PLANS

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



Parametrix

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

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

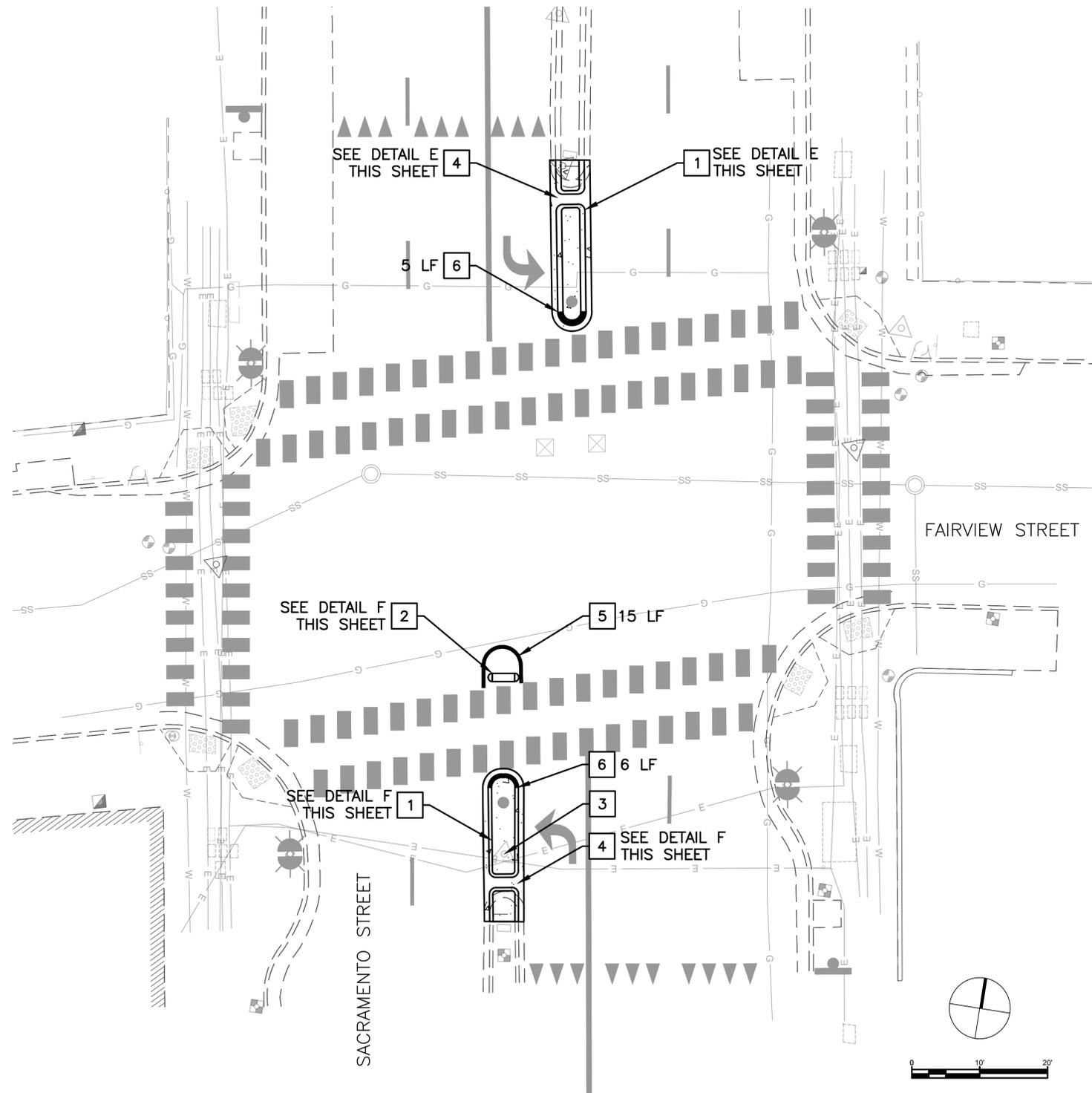
SUBMITTED: _____ DATE _____
 R.C.E. _____
 EXP. _____
 SUPERVISING CIVIL ENGINEER _____
 APPROVED: _____ DATE _____
 R.C.E. _____
 EXP. _____
 CITY ENGINEER _____

DESIGN ML _____
 DRAWN ML _____
 CHECK AL _____
 AS BUILT _____
 HORIZ. VARIES _____
 VERT. NA _____
 BOOK _____
 DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
 SACRAMENTO ST / PRINCE ST
 CIVIL PLAN & STRIPING DETAIL

PLAN 8275
 FILE 503-634
 C-3
 SHEET 13 OF 25

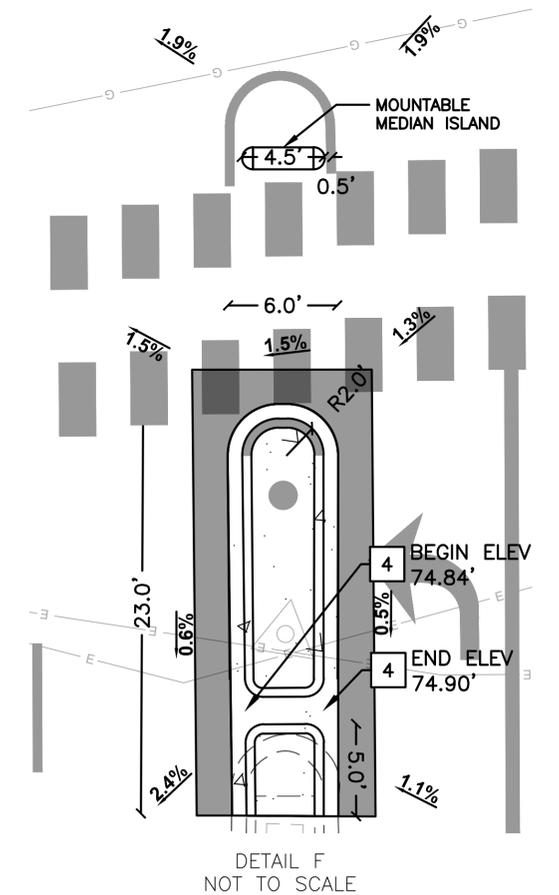
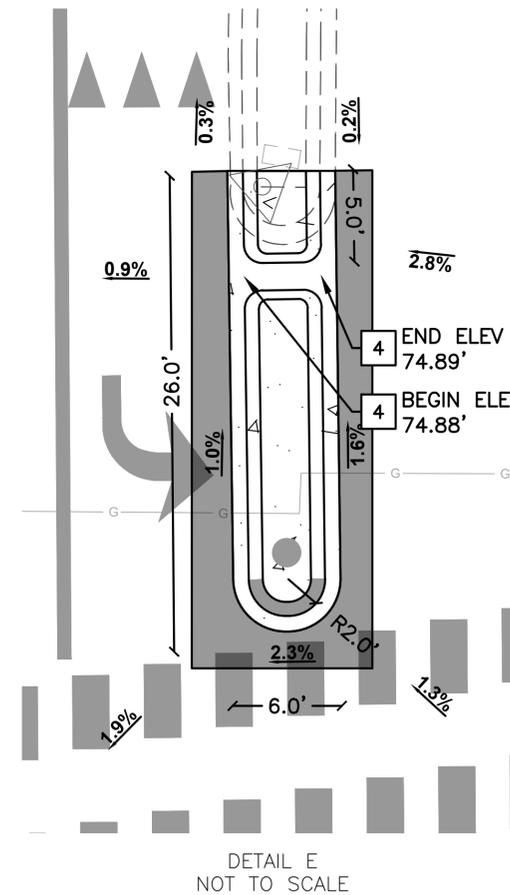


GENERAL NOTES

1. CURB AND GUTTER PER CITY OF BERKELEY STANDARD DETAILS PLAN 8145.
2. ALL MOUNTABLE MEDIAN ISLANDS SHALL BE INSTALLED MIN 6 IN FROM THE EDGE OF CROSSWALK STRIPING.
3. MOUNTABLE MEDIAN ISLANDS SHALL BE INSTALLED AFTER SLURRY SEAL.
4. SEE SHEETS D-4 FOR DEMOLITION PLAN, C-8 FOR STRIPING PLAN, E-3 FOR ELECTRICAL PLAN, AND S-2 FOR SIGNAGE PLAN.

CONSTRUCTION NOTES

1. INSTALL RAISED CONCRETE MEDIAN WITH STANDARD CURB AND GUTTER. SEE SHEET CD-1 DETAIL 6. MODIFY STANDARD GUTTER TO MATCH EXISTING GUTTER WIDTH.
2. INSTALL MOUNTABLE MEDIAN ISLAND. SEE SHEET CD-1 DETAIL 7.
3. REESTABLISH MAG NAIL AT NEW ELEVATION.
4. INSTALL 18" WIDE OPEN CHANNEL.
5. INSTALL 6" YELLOW STRIPING AROUND MOUNTABLE MEDIAN ISLAND.
6. INSTALL YELLOW CURB PAINT.



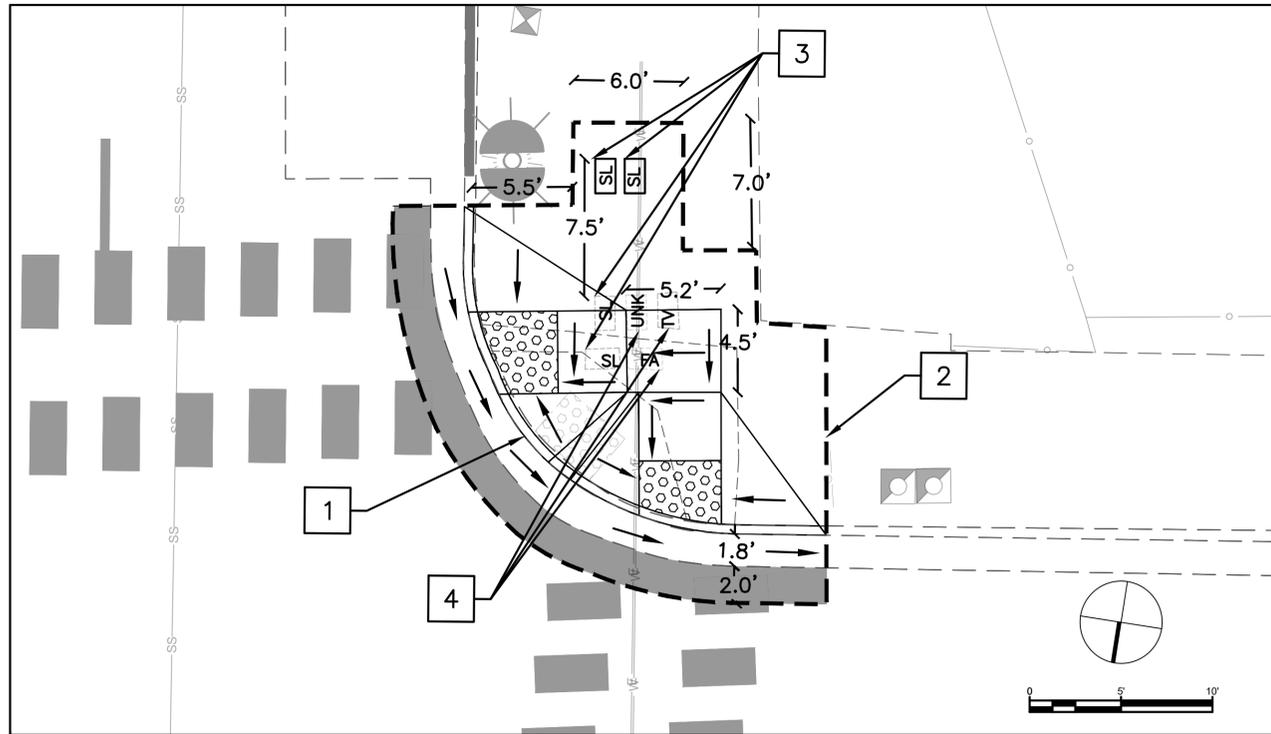
100% PLANS



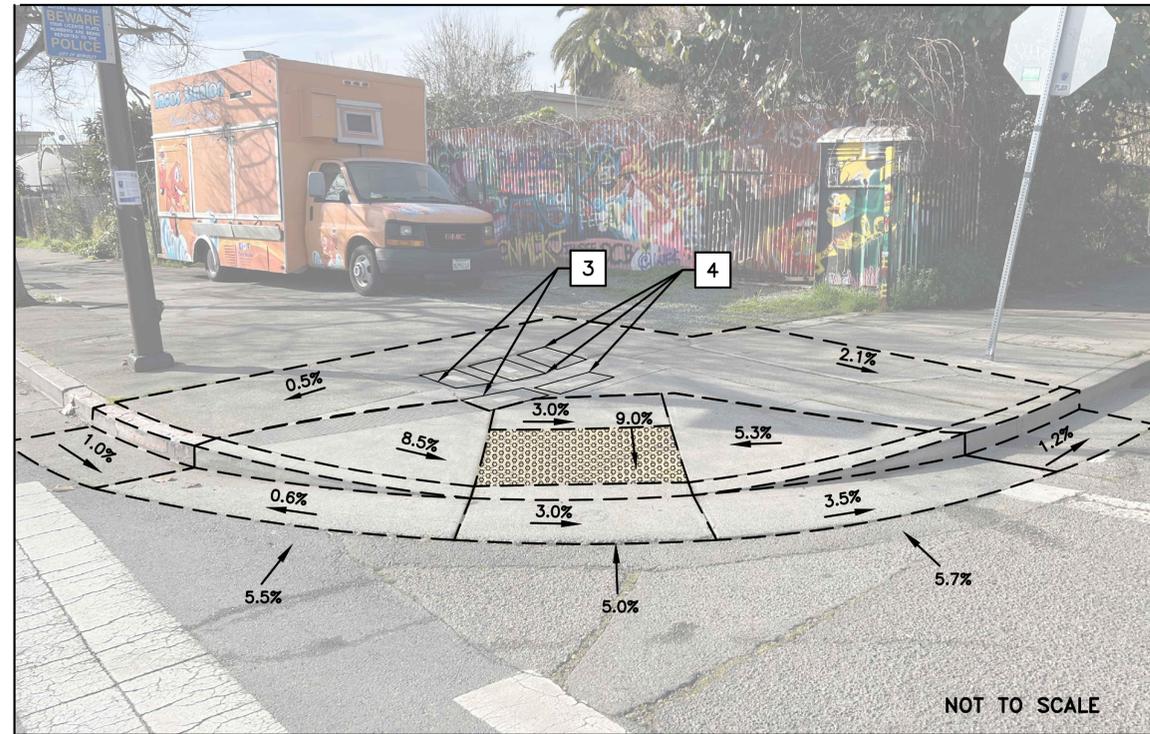
Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: ML _____	HORIZ. VARIES _____	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	HSIP SACRAMENTO ST PED SAFETY SACRAMENTO ST / FAIRVIEW ST CIVIL PLAN & STRIPING DETAIL	PLAN 8275 FILE 503-634 C-4 SHEET 14 OF 25
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	APPROVED: _____ DATE _____	DRAWN: ML _____	VERT. NA _____			
WATERSHED REVIEW: _____ DATE _____	AS BUILT _____	DATE 02/11/2024	CHECK: AL _____	BOOK _____			
			AS BUILT _____	DATE 02/11/2024			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



DETAIL 1: CASE A CURB RAMP
SACRAMENTO ST & OREGON ST CURB SW CORNER
PLAN VIEW



DETAIL 2: CASE A CURB RAMP
SACRAMENTO ST & OREGON ST CURB SW CORNER
PERSPECTIVE VIEW – EXISTING

GENERAL NOTES

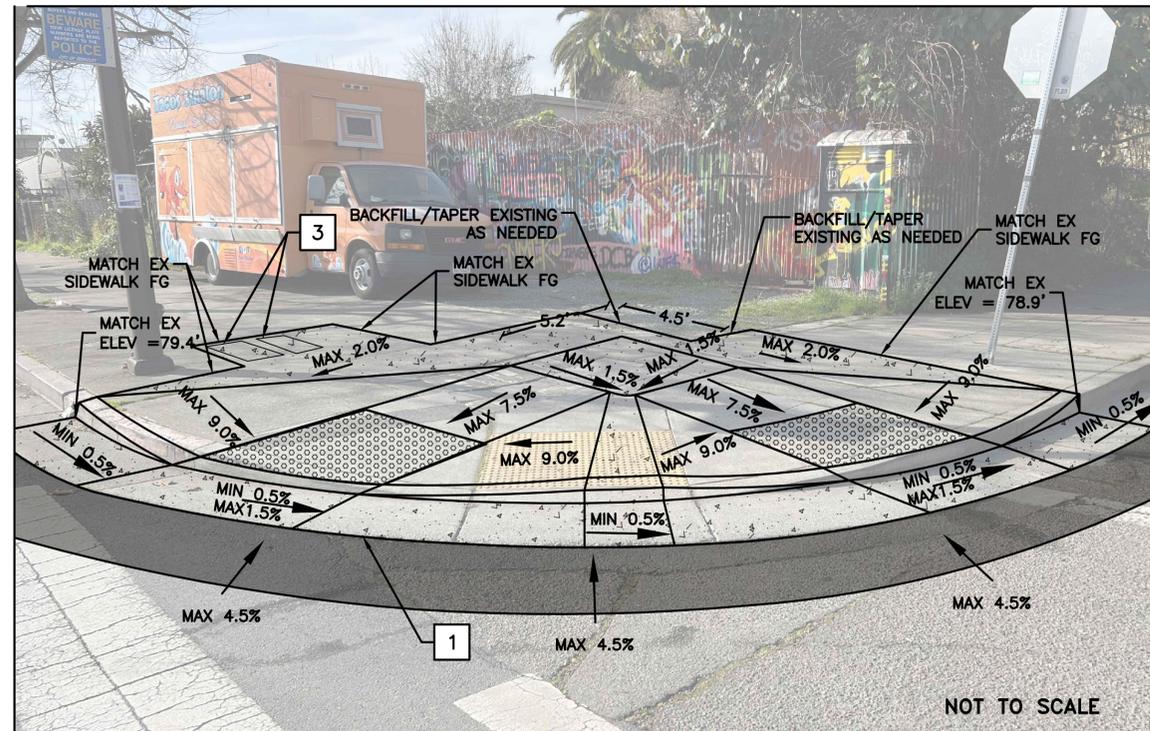
1. CONTRACTOR TO STAKE OUT THE CURB RAMP FOR ENGINEER'S REVIEW PRIOR TO CONSTRUCTION.
2. CURB RAMPS PER 2023 CALTRANS STANDARD PLANS A88A.

CONSTRUCTION NOTES

- 1 RECONSTRUCT EXISTING CASE A CURB RAMP AND GUTTER AS TWO DIRECTIONAL CASE A CURB RAMPS AND GUTTER. INSTALL 4" CURB BETWEEN BOTH CURB RAMPS.
- 2 RECONSTRUCT SIDEWALK. MATCH TO EXISTING SIDEWALK AT NEAREST JOINT. LIMITS SHOWN ON PLAN AND PERSPECTIVE VIEW ARE FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR SHALL CONFIRM LAYOUT PER THE SLOPES INDICATED.
- 3 CUT BACK CONDUITS AND INSTALL NEW No. 3.5 PULL BOXES LABELED STREET LIGHTING 8'± SOUTH OF EXISTING LOCATION. EXTEND CONDUIT FROM THE LIGHT POLE TO THE NEW PULL BOX AND REPLACE STREET LIGHT CONDUCTORS TO LUMINAIRE. INSTALL NEW FUSE HOLDERS FOR LIGHT. BUSSMAN HEB.
- 4 REMOVE EXISTING PULL BOX. BACKFILL WITH NATIVE SOIL, COMPACT TO 95% RELATIVE COMPACTION, AND INSTALL SIDEWALK PER PLAN.

LEGEND

- SAWCUT LINE
- LIMITS OF AC PLUG
- LIMITS OF CONCRETE SIDEWALK CONFORM



DETAIL 3: CASE A CURB RAMP
SACRAMENTO ST & OREGON ST CURB SW CORNER
PERSPECTIVE VIEW – PROPOSED



100% PLANS



Parametrix

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

DEPICTION OF MONUMENTS: _____ DATE _____
SUBMITTING: _____ DATE _____
SUPERVISING CIVIL ENGINEER _____ DATE _____
APPROVED: _____ DATE _____
CITY ENGINEER _____ EXP. _____

DESIGN: ML
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CHECK: AL
AS BUILT: _____

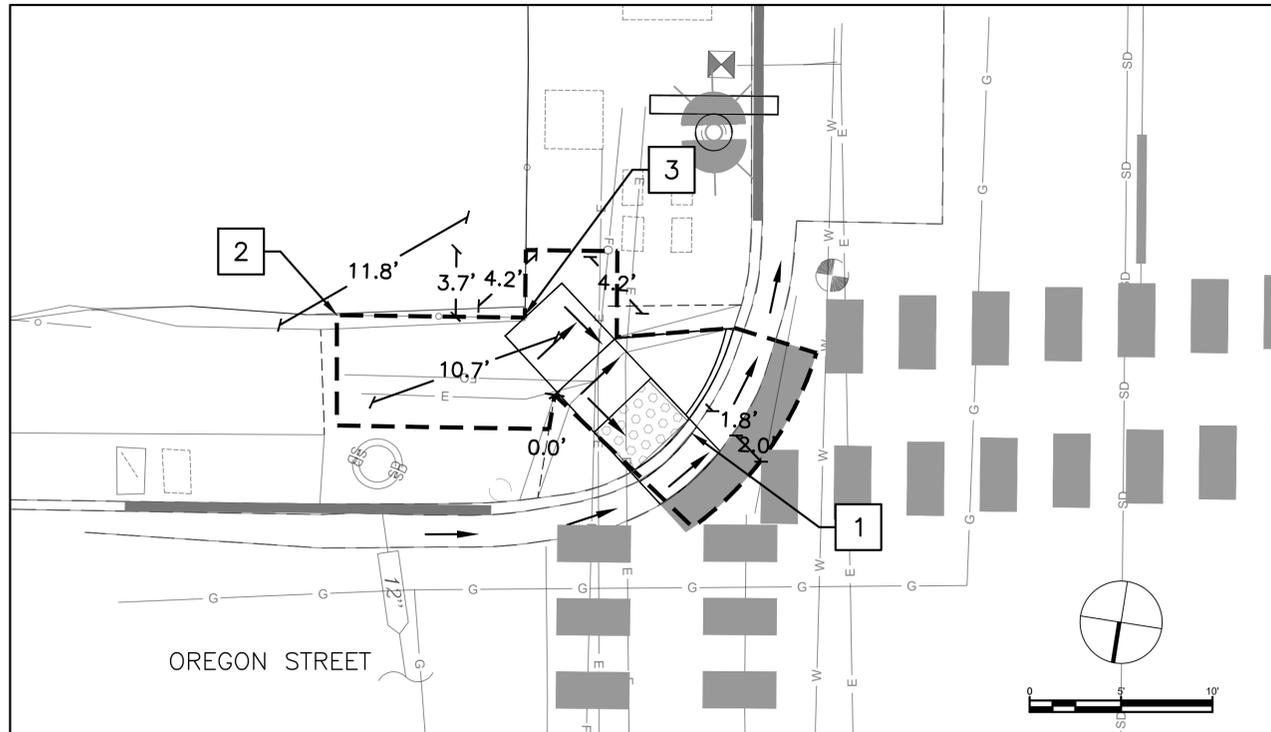
HORIZ. VARIES
VERT. NA
BOOK _____
DATE 02/11/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

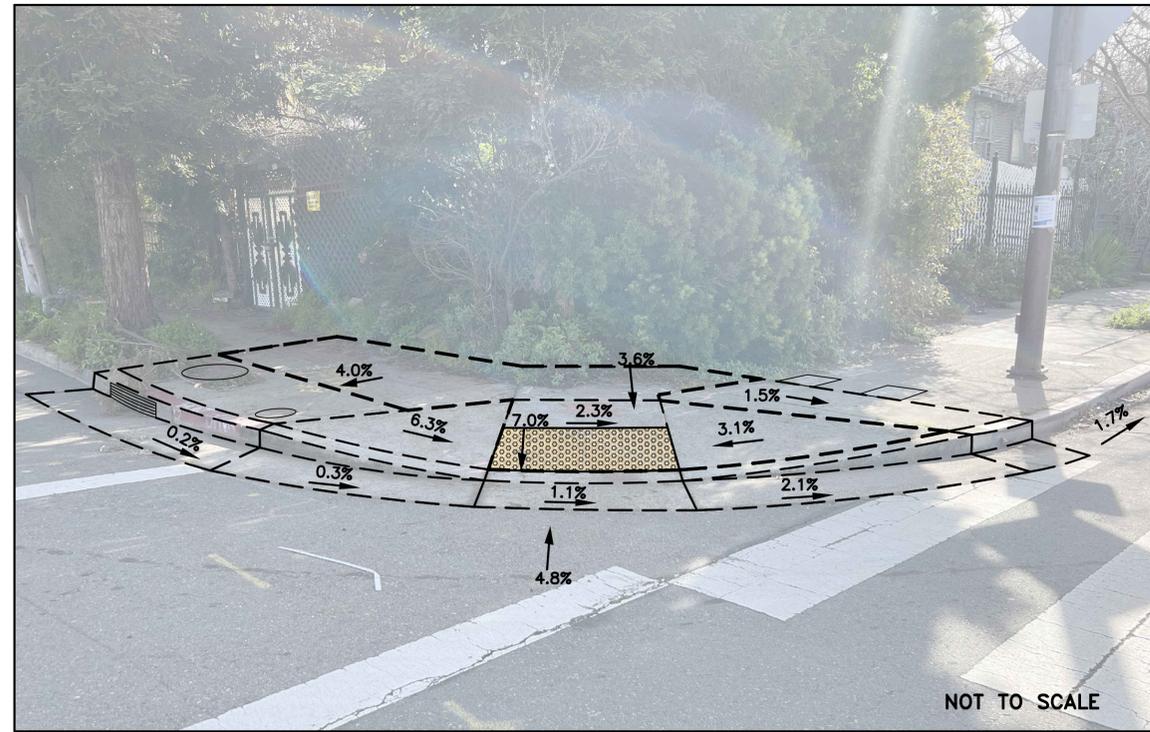
HSIP SACRAMENTO ST PED SAFETY
SACRAMENTO ST / OREGON ST
CURB RAMP PLAN SW CORNER

PLAN 8275
FILE 503-634
C-5
SHEET 15 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



DETAIL 1: CASE A CURB RAMP
SACRAMENTO ST & OREGON ST CURB SE CORNER
PLAN VIEW



DETAIL 2: CASE A CURB RAMP
SACRAMENTO ST & OREGON ST CURB SE CORNER
PERSPECTIVE VIEW – EXISTING

GENERAL NOTES

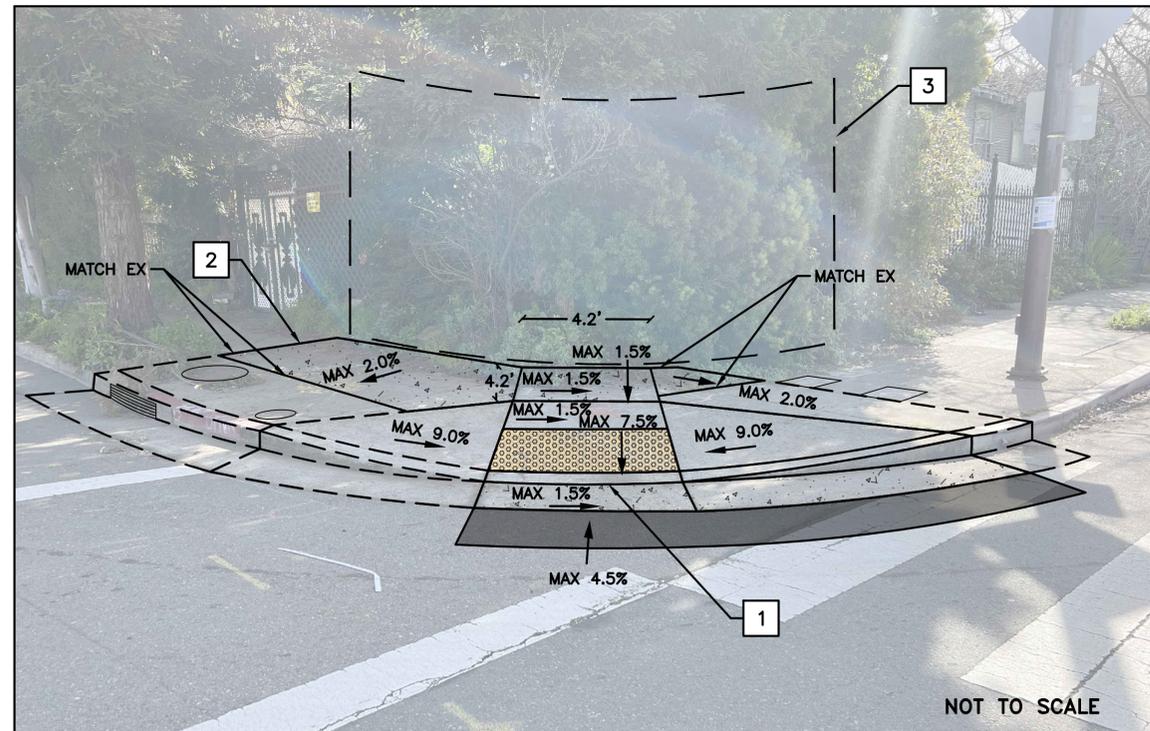
1. CONTRACTOR TO STAKE OUT THE CURB RAMP FOR ENGINEER'S REVIEW PRIOR TO CONSTRUCTION.
2. CURB RAMPS PER 2023 CALTRANS STANDARD PLANS A88A.

CONSTRUCTION NOTES

- 1 RECONSTRUCT CASE A CURB RAMP AND GUTTER.
- 2 RECONSTRUCT SIDEWALK. MATCH TO EXISTING SIDEWALK AT NEAREST JOINT. LIMITS SHOWN ON PLAN AND PERSPECTIVE VIEW ARE FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR SHALL CONFIRM LAYOUT PER THE SLOPES INDICATED.
- 3 CLEAR AND GRUB SHRUBBERY TO EXISTING FENCELINE. ALL WORK SHALL BE WITHIN CITY OF BERKELEY RIGHT OF WAY.

LEGEND

- SAWCUT LINE
- LIMITS OF AC PLUG
- LIMITS OF CONCRETE SIDEWALK CONFORM



DETAIL 3: CASE A CURB RAMP
SACRAMENTO ST & OREGON ST CURB SE CORNER
PERSPECTIVE VIEW – PROPOSED



100% PLANS



Parametrix

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

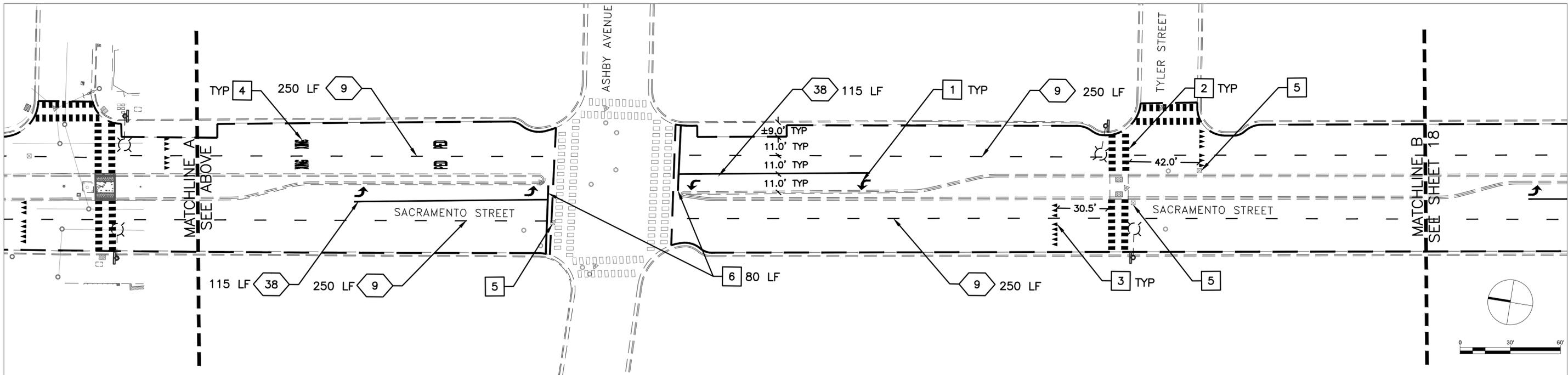
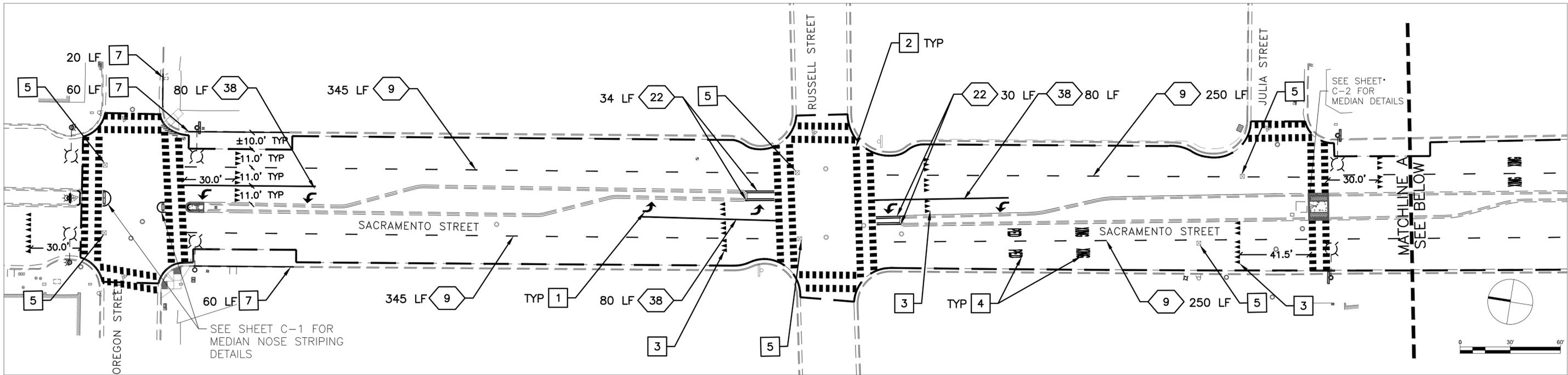
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SUBMITTED: _____ DATE _____
SUPERVISING CIVIL ENGINEER _____ DATE _____
APPROVED: _____ DATE _____
CITY ENGINEER _____ EXP. _____

DESIGN: ML
DRAWN: ML
CHECK: AL
AS BUILT: _____
HORIZ. VARIES
VERT. NA
BOOK _____
DATE 02/11/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
SACRAMENTO ST / OREGON ST
CURB RAMP PLAN SE CORNER

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES (THIS SHEET ONLY)

1. SLURRY SEAL LIMITS SHALL EXTEND FROM PAVEMENT EDGE TO PAVEMENT EDGE.
2. PROTECT IN PLACE EXISTING UTILITY STRUCTURES.
3. SEE SHEETS C-1 AND C-2 FOR CIVIL PLANS AND STRIPING DETAILS.
4. CRACK SEAL AND DIGOUT AS DIRECTED BY THE CITY OR INSPECTOR, SEE BID SCHEDULE FOR QUANTITY ALLOWANCE.

CONSTRUCTION NOTES (THIS SHEET ONLY)

- | | |
|---|--|
| <p>1 INSTALL TYPE IV ARROW</p> <p>2 INSTALL WHITE TRIPLE FOUR CROSSWALK</p> <p>3 INSTALL YIELD LINE MARKING</p> <p>4 INSTALL PED XING WORD MARKINGS</p> | <p>5 INSTALL NEW BLUE PAVEMENT MARKER.</p> <p>6 STRIPE 1' LIMIT LINE 5' FROM Exist. CROSSWALK.</p> <p>7 REFRESH RED CURB PAINT</p> |
|---|--|

LEGEND & ABBREVIATIONS

- SLURRY SEAL LIMITS
AREA: 121,200 SF (13,460 SY)
- XX CALTRANS STRIPING DETAIL
- LF LINEAR FEET
- SF SQUARE FEET
- TYP TYPICAL



Parametrix

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

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

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

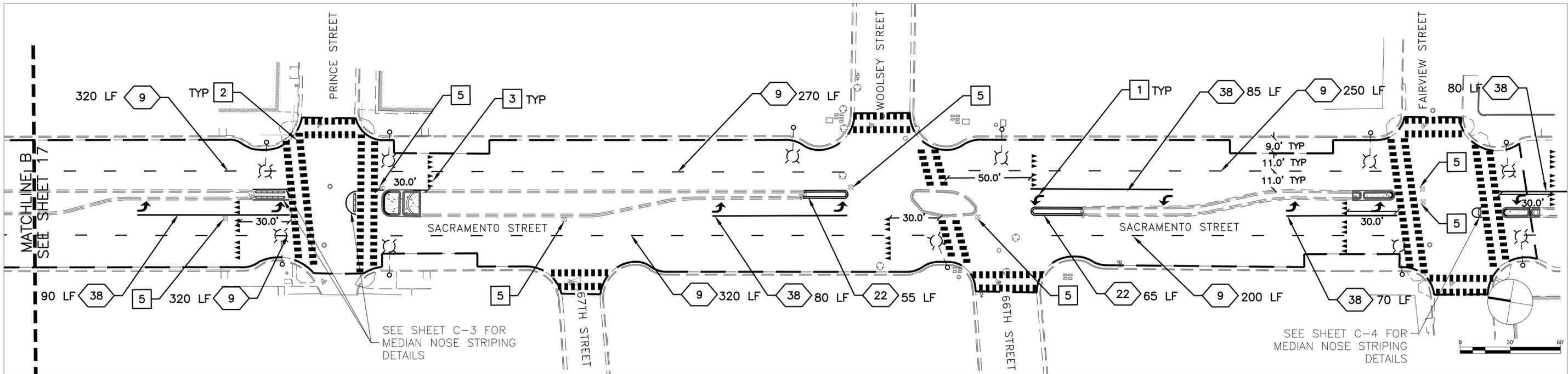
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 AS BUILT: _____
 HORIZ. VARIES
 VERT. NA
 BOOK _____
 DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
SACRAMENTO STREET
PAVING & STRIPING PLAN

PLAN 8275
 FILE 503-634
 C-7
 SHEET 17 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES (THIS SHEET ONLY)

1. SLURRY SEAL LIMITS SHALL EXTEND FROM PAVEMENT EDGE TO PAVEMENT EDGE.
2. PROTECT IN PLACE EXISTING UTILITY STRUCTURES.
3. SEE SHEETS C-3 AND C-4 FOR CIVIL PLANS AND STRIPING DETAILS.
4. CRACK SEAL AND DIGOUT DIRECTED BY THE CITY OR INSPECTOR, SEE BID SCHEDULE FOR QUANTITY ALLOWANCE.

CONSTRUCTION NOTES (THIS SHEET ONLY)

1. INSTALL TYPE IV ARROW
2. INSTALL WHITE TRIPLE FOUR CROSSWALK
3. INSTALL YIELD LINE MARKING
4. INSTALL PED XING WORD MARKINGS
5. INSTALL NEW BLUE PAVEMENT MARKER.

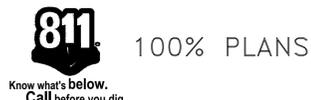
LEGEND & ABBREVIATIONS

- SLURRY SEAL LIMITS
AREA: 121,200 SF (13,460 SY)
- XX CALTRANS STRIPING DETAIL
- LF LINEAR FEET
- SF SQUARE FEET
- TYP TYPICAL



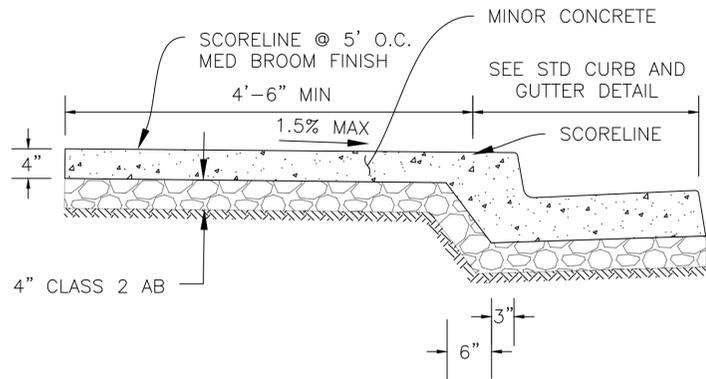
Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: <u>ML</u> HORIZ. <u>VARIES</u>	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS HSIP SACRAMENTO ST PED SAFETY SACRAMENTO STREET PAVING & STRIPING PLAN
SURVEY CHIEF OF PARTY _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	DRAWN: <u>ML</u> VERT. <u>NA</u>	
APPROVED: _____ DATE _____	CITY ENGINEER _____ DATE _____	CHECK: <u>AL</u> AS BUILT _____	BOOK _____ DATE <u>02/11/2024</u>	
			EXP. _____	

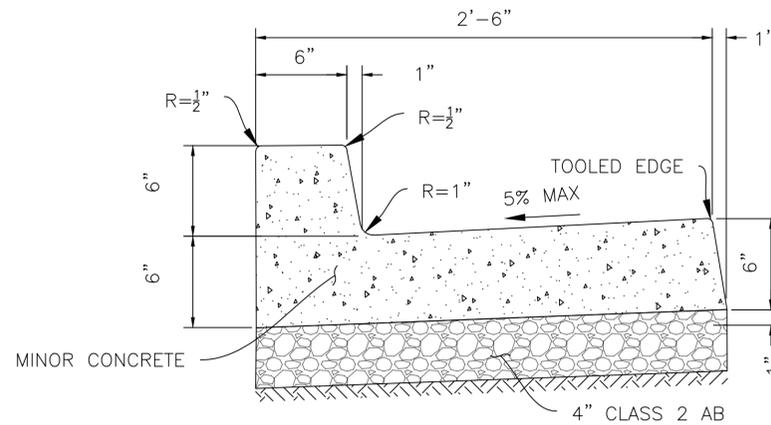


REVISION	MARK	DATE	DESCRIPTION	APPROVAL

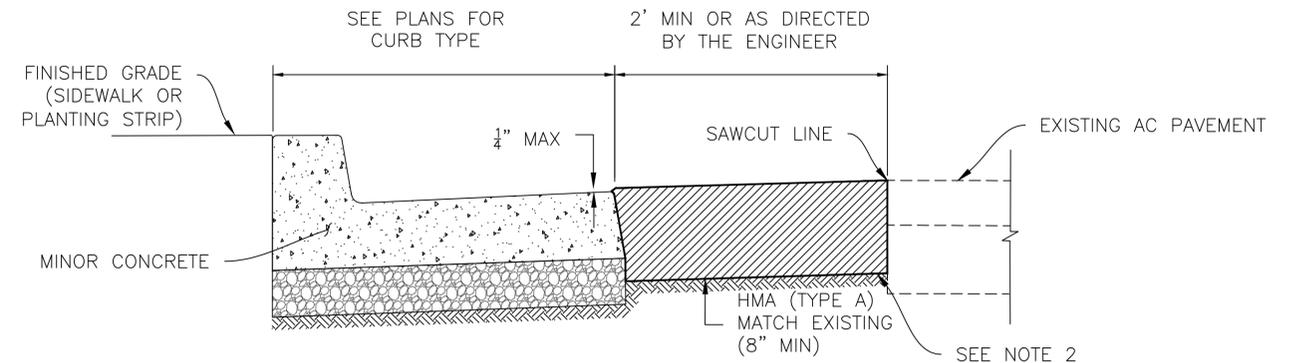
PLAN 8275
 FILE 503-634
 C-8
 SHEET 18 OF 25



1 CONCRETE SIDEWALK DETAIL
SCALE: N.T.S.



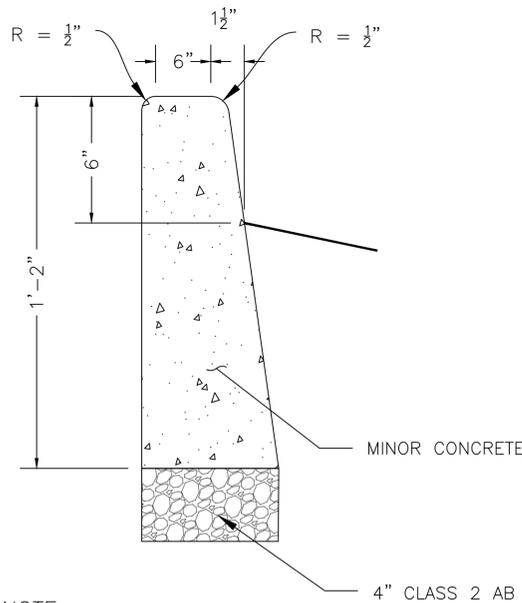
2 CURB AND GUTTER DETAIL
SCALE: N.T.S.



NOTES:

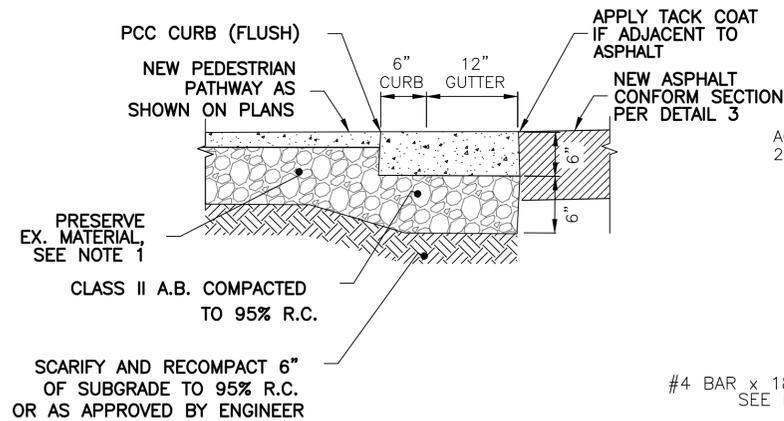
1. PAVEMENT CONFORM SHALL BE PAVED IN 2 INCH MAXIMUM LIFTS.
2. APPLY ASPHALTIC EMULSION PAINT BINDER (TACK COAT) TO ALL EXISTING AC AND CONCRETE SURFACES IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS.
3. FOR ADDITIONAL REQUIREMENTS, SEE PLAN 8144, "CONCRETE WORK NOTES"

3 ASPHALT CONFORM DETAIL
SCALE: N.T.S.



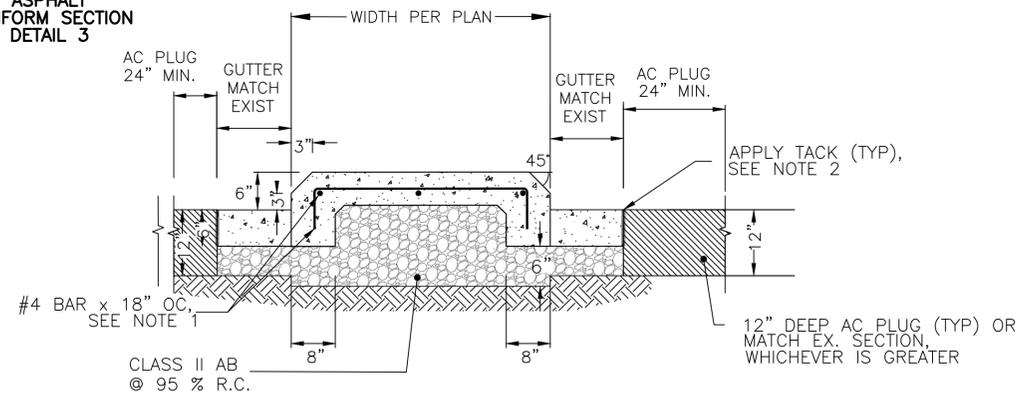
NOTE:
1. FOR ADDITIONAL REQUIREMENTS, SEE PLAN 8144, "CONCRETE WORK NOTES"

4 STANDARD 6" VERTICAL CURB
SCALE: N.T.S.



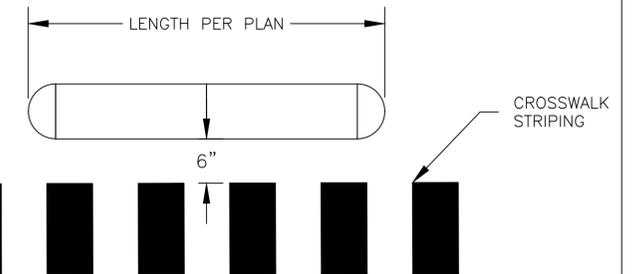
NOTE:
1. ONCE EXPOSED, CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT CONTAMINATION OF THE EX. MATERIAL REMOVE AND DISPOSE AS NEEDED TO RESET PAVERS TO PROPOSED GRADES AS SHOWN ON PLANS.

5 FLUSH CURB
SCALE: N.T.S.



NOTES:
1. REBAR SHALL BE 3" CLEAR FROM EDGE OF CONCRETE.
2. INSTALL TACK COAT AT CONFORM TO EXISTING AC PAVEMENT.
3. INSTALL EXPANSION JOINT AT 16' OC AND CONTROL JOINTS AT 4' OC.

6 CONCRETE MEDIAN ISLAND
SCALE: N.T.S.



7 MOUNTABLE MEDIAN ISLAND
SCALE: N.T.S.

GENERAL NOTE:

DETAILS 1-4 PER CITY OF BERKELEY STANDARD PLANS 8144-8153.



Parametrix

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

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

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

DESIGN: _____ ML _____
DRAWN: _____ ML _____
CHECK: _____ AL _____
AS BUILT: _____
HORIZ. VARIES _____
VERT. NA _____
BOOK _____
DATE 02/11/2024

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

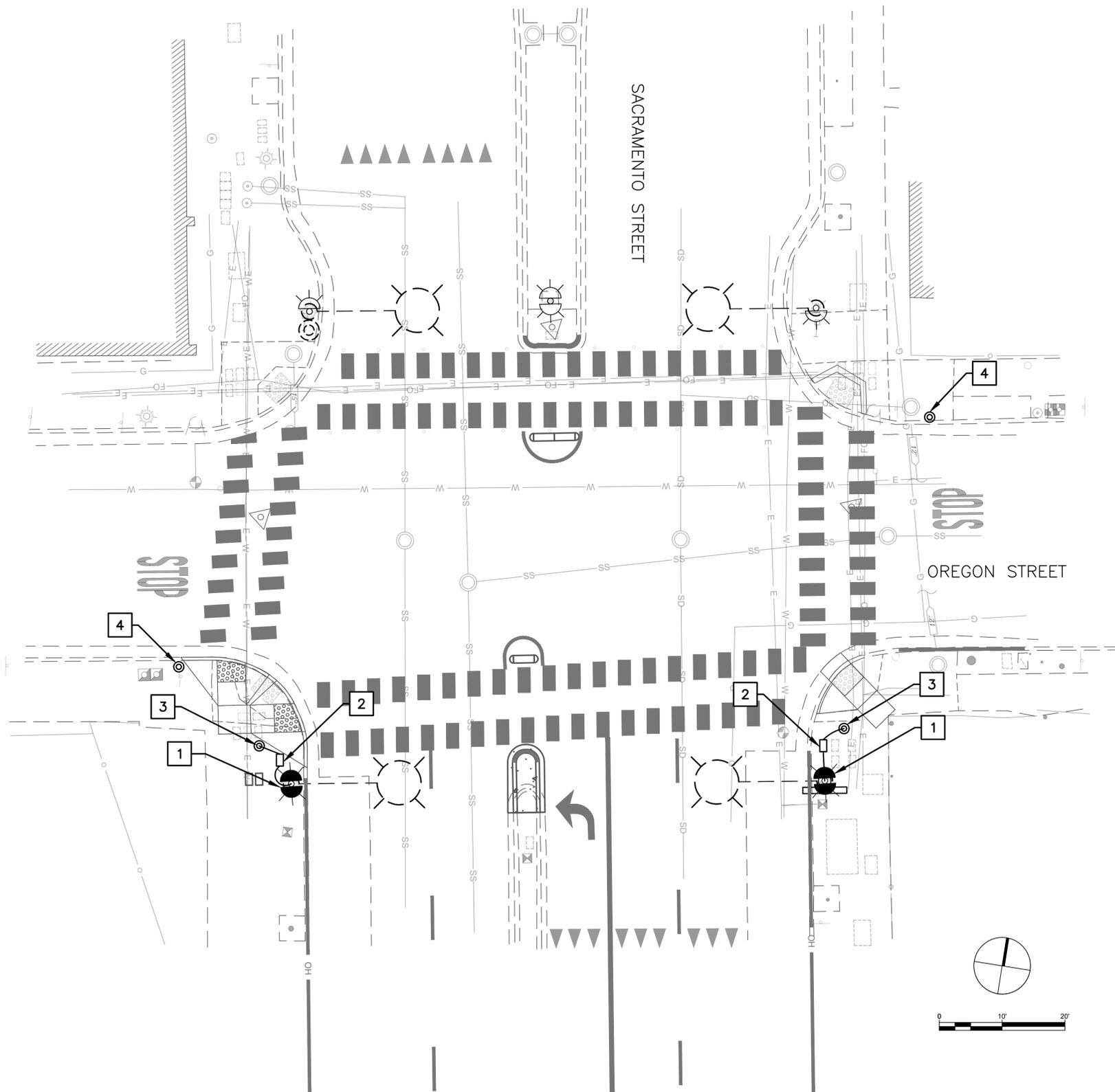
HSIP SACRAMENTO ST PED SAFETY
CIVIL DETAILS

PLAN 8275
FILE 503-634
CD-1
SHEET 19 OF 25



100% PLANS

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES

1. CONTRACTOR SHALL POTHOLE ALL PROPOSED POLE LOCATIONS. ENGINEER SHALL CONFIRM FINAL POLE PLACEMENT PRIOR TO CONTRACTOR POURING THE FOUNDATION.
2. ATTACH RRFB ASSEMBLY TO EXISTING LIGHTING STANDARDS USING STRAPS PER MANUFACTURER'S INSTRUCTIONS.
3. CONTRACTOR SHALL PROGRAM THE AUDIBLE APS MESSAGE AND THE BEACON FLASH INTERVAL ACCORDING TO SPECIFICATIONS.
4. PBA POST SHOULD BE INSTALLED BETWEEN 18" AND 6' FROM THE EDGE OF CURB, AND NO MORE THAN 5' FROM THE CROSSWALK LINE.
5. SEE SHEET S-1 AND S-2 FOR ADDITIONAL DETAILS ON RRFB SIGNAGE ON OREGON STREET, PRINCE STREET AND FAIRVIEW STREET.

CONSTRUCTION NOTES

1. INSTALL 2-SIDED WIRELESS SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY ON EXISTING CITY OF BERKELEY LIGHTING STANDARD.
2. INSTALL NO. 3.5 PULL BOX AND 2-INCH CONDUIT, 3 #14 CONDUCTORS BETWEEN PBA POST AND CITY OF BERKELEY LIGHTING STANDARD. CONNECT TO RRFB VIA EXTERNAL CONDUIT.
3. INSTALL APS WITH R10-25 ON NEW PBA POST. CONNECT TO ADJACENT RRFB ASSEMBLY.
4. INSTALL WIRELESS BPB BOLLARD FOR BICYCLIST RRFB ACTIVATION AND PROGRAM TO ACTIVATE BOTH SIDES OF THE RRFB SYSTEM.



100% PLANS



Parametrix

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

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

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

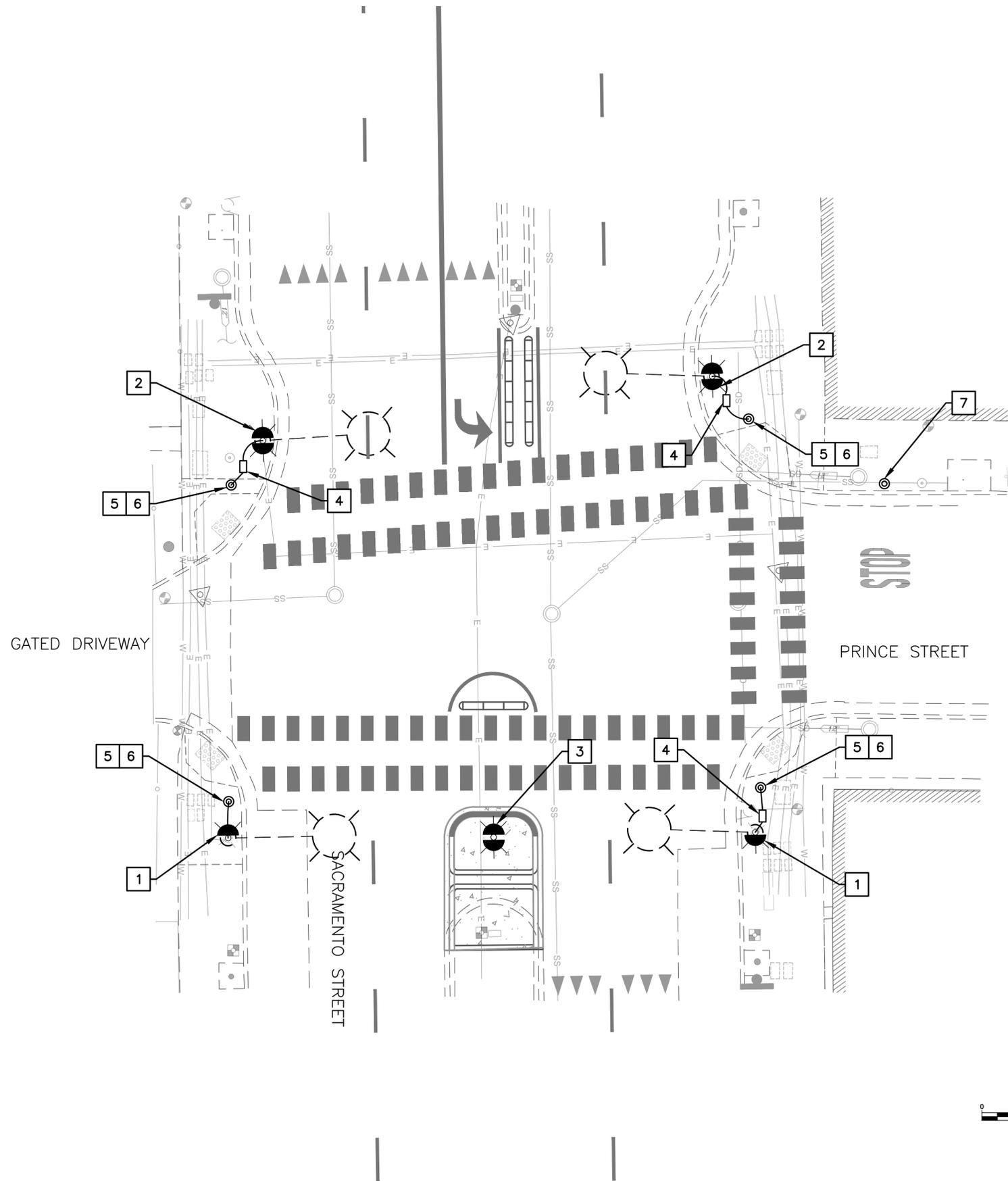
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 AS BUILT _____ DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
 SACRAMENTO ST / OREGON ST
 SIGNAGE & ELECTRICAL PLAN

PLAN 8275
 FILE 503-634
 E-1
 SHEET 20 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

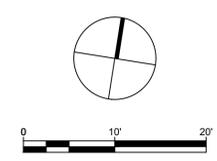


GENERAL NOTES

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5. SEE SHEET S-1 AND S-2 FOR ADDITIONAL DETAILS ON RRFB SIGNAGE ON OREGON STREET, PRINCE STREET AND FAIRVIEW STREET.

CONSTRUCTION NOTES

1. INSTALL SINGLE-SIDED WIRELESS SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY ON EXISTING CITY OF BERKELEY LIGHTING STANDARD.
2. INSTALL 2-SIDED WIRELESS SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY ON EXISTING CITY OF BERKELEY LIGHTING STANDARD. INSTALL PEDESTRIAN THERMAL SENSOR.
3. INSTALL 2-SIDED WIRELESS SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY ON NEW TYPE 1-A POST.
4. INSTALL NO. 3.5 PULL BOX BETWEEN PBA POST AND CITY OF BERKELEY LIGHTING STANDARD.
5. INSTALL PBA POST AND FOUNDATION. INSTALL 2-INCH CONDUIT, 3 #14 CONDUCTORS BETWEEN PBA POST AND CITY OF BERKELEY LIGHTING STANDARD. CONNECT TO RRFB VIA EXTERNAL CONDUIT.
6. INSTALL APS WITH R10-25 ON NEW PBA POST. CONNECT TO ADJACENT RRFB ASSEMBLY.
7. INSTALL WIRELESS BPB BOLLARD FOR BICYCLIST RRFB ACTIVATION AND PROGRAM TO ACTIVATE BOTH SIDES OF THE RRFB SYSTEM.

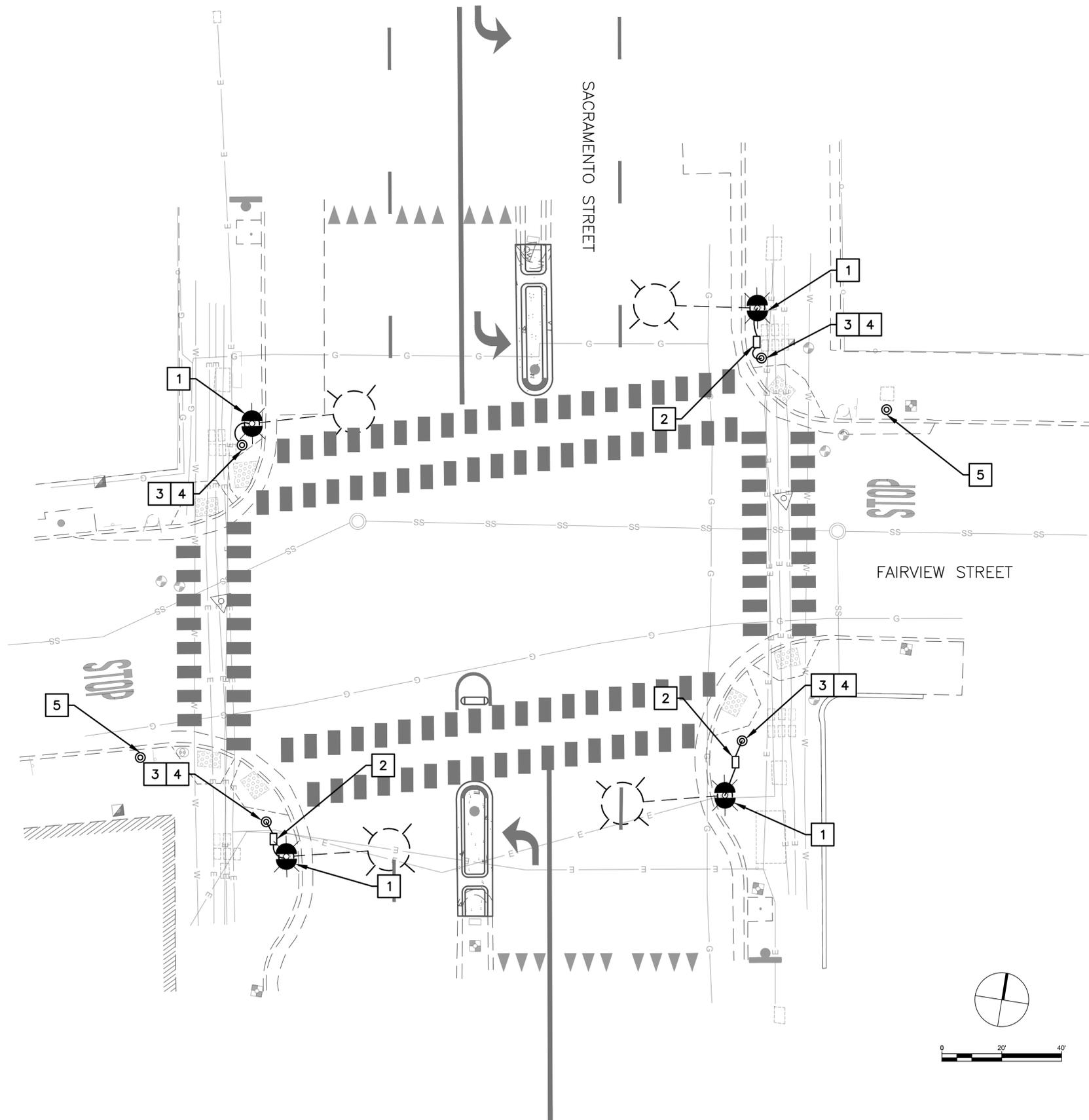


Parametrix

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: _____ ML _____	HORIZ. _____ VARIES _____	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS HSIP SACRAMENTO ST PED SAFETY SACRAMENTO ST / PRINCE ST SIGNAGE & ELECTRICAL PLAN
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	DRAWN: _____ ML _____	VERT. _____ NA _____	
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CITY ENGINEER _____ DATE _____	CHECK: _____ AL _____	BOOK _____	
			AS BUILT _____	DATE 02/11/2024	

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8275
 FILE 503-634
 E-2
 SHEET 21 OF 25



GENERAL NOTES

1. CONTRACTOR SHALL POTHOLE ALL PROPOSED POLE LOCATIONS. ENGINEER SHALL CONFIRM FINAL POLE PLACEMENT PRIOR TO CONTRACTOR POURING THE FOUNDATION.
2. ATTACH RRFB ASSEMBLY TO EXISTING LIGHTING STANDARDS USING STRAPS PER MANUFACTURER'S INSTRUCTIONS.
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5. SEE SHEET S-1 AND S-2 FOR ADDITIONAL DETAILS ON RRFB SIGNAGE ON OREGON STREET, PRINCE STREET AND FAIRVIEW STREET.

CONSTRUCTION NOTES

1. INSTALL 2-SIDED WIRELESS SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY ON EXISTING CITY OF BERKELEY LIGHTING STANDARD.
2. INSTALL NO. 3.5 PULL BOX BETWEEN PBA POST AND CITY OF BERKELEY LIGHTING STANDARD.
3. INSTALL PBA POST AND FOUNDATION. INSTALL 2-INCH CONDUIT, 3 #14 CONDUCTORS BETWEEN PBA POST AND CITY OF BERKELEY LIGHTING STANDARD. CONNECT TO RRFB VIA EXTERNAL CONDUIT.
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100% PLANS



Parametrix

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

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

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

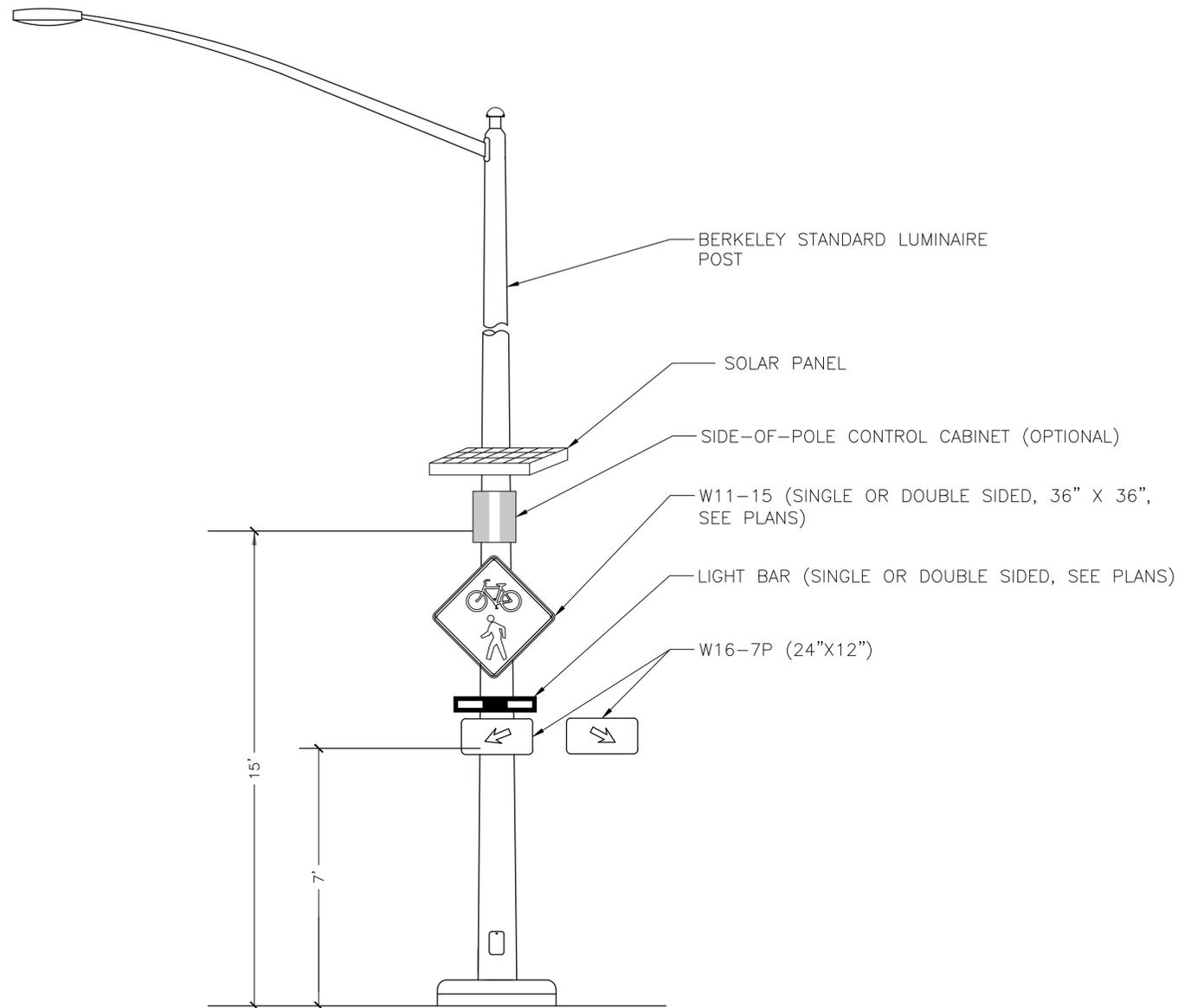
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 VERT. NA _____
 BOOK _____
 DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
 SACRAMENTO ST / FAIRVIEW ST
 SIGNAGE & ELECTRICAL PLAN

PLAN 8275
 FILE 503-634
 E-3
 SHEET 22 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



DETAIL 1: CITY OF BERKELEY LIGHTING STANDARD WITH SOLAR RRFB ASSEMBLY

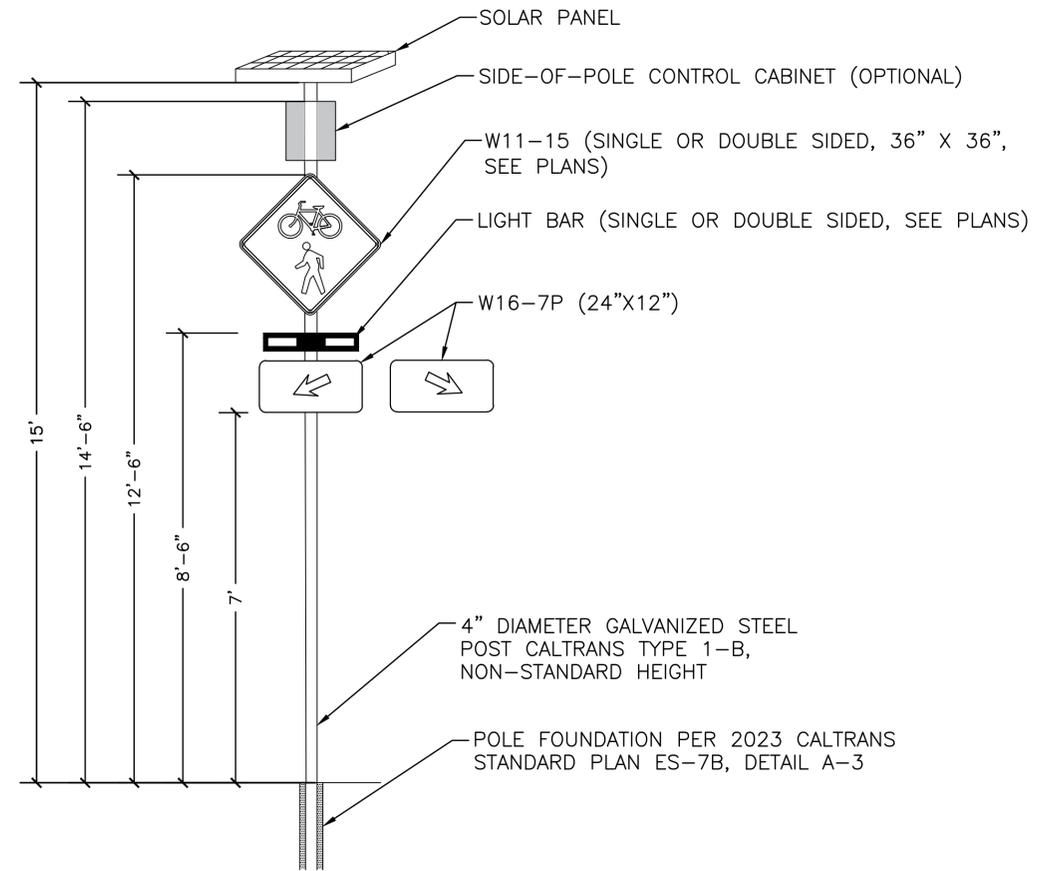
WIRELESS, SOLAR POWERED RRFB ASSEMBLY ON EXISTING CITY OF BERKELEY LIGHTING STANDARD

NOTE:

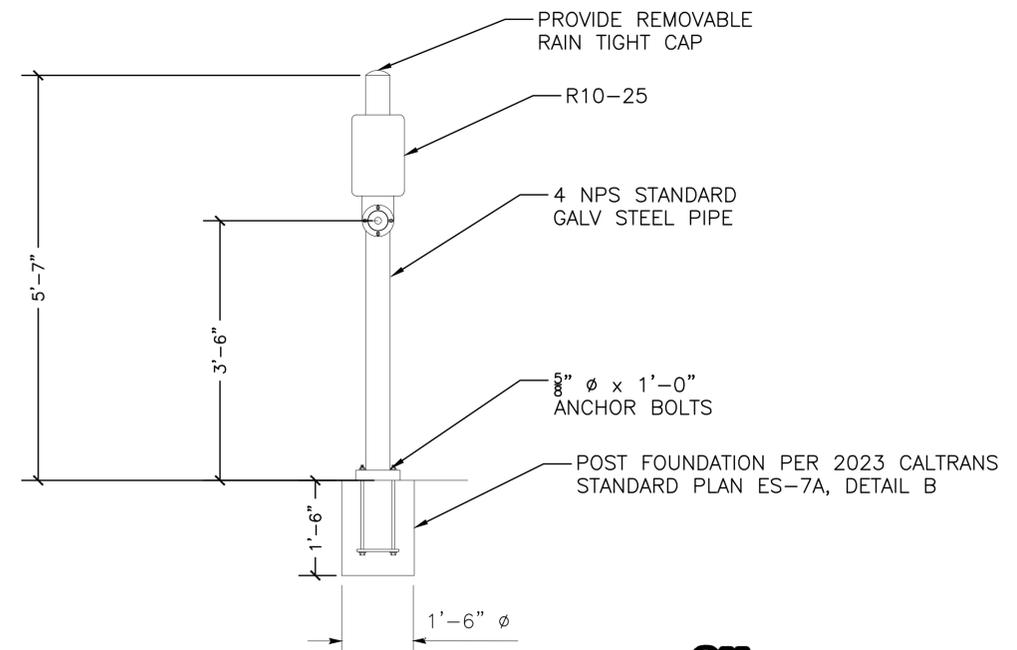
W11-15 AND W16-7P SHALL BE RETROREFLECTIVE AND FLUORESCENT YELLOW-GREEN.

RRFB SYSTEM TO BE WIRELESSLY CONNECTED AND SYNCHRONIZED TO OTHER ASSEMBLY AND PEDESTRIAN PUSH BUTTON.

SIGN AND BEACON MOUNTING PER 2023 CALTRANS STANDARD PLAN AND MANUFACTURER SPECIFICATIONS.



DETAIL 2: WIRELESS SOLAR RRFB ASSEMBLY (ON TYPE 1-A POST)



DETAIL 3: PUSH BUTTON ASSEMBLY POST



100% PLANS



Parametrix

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

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 CITY ENGINEER _____ DATE _____

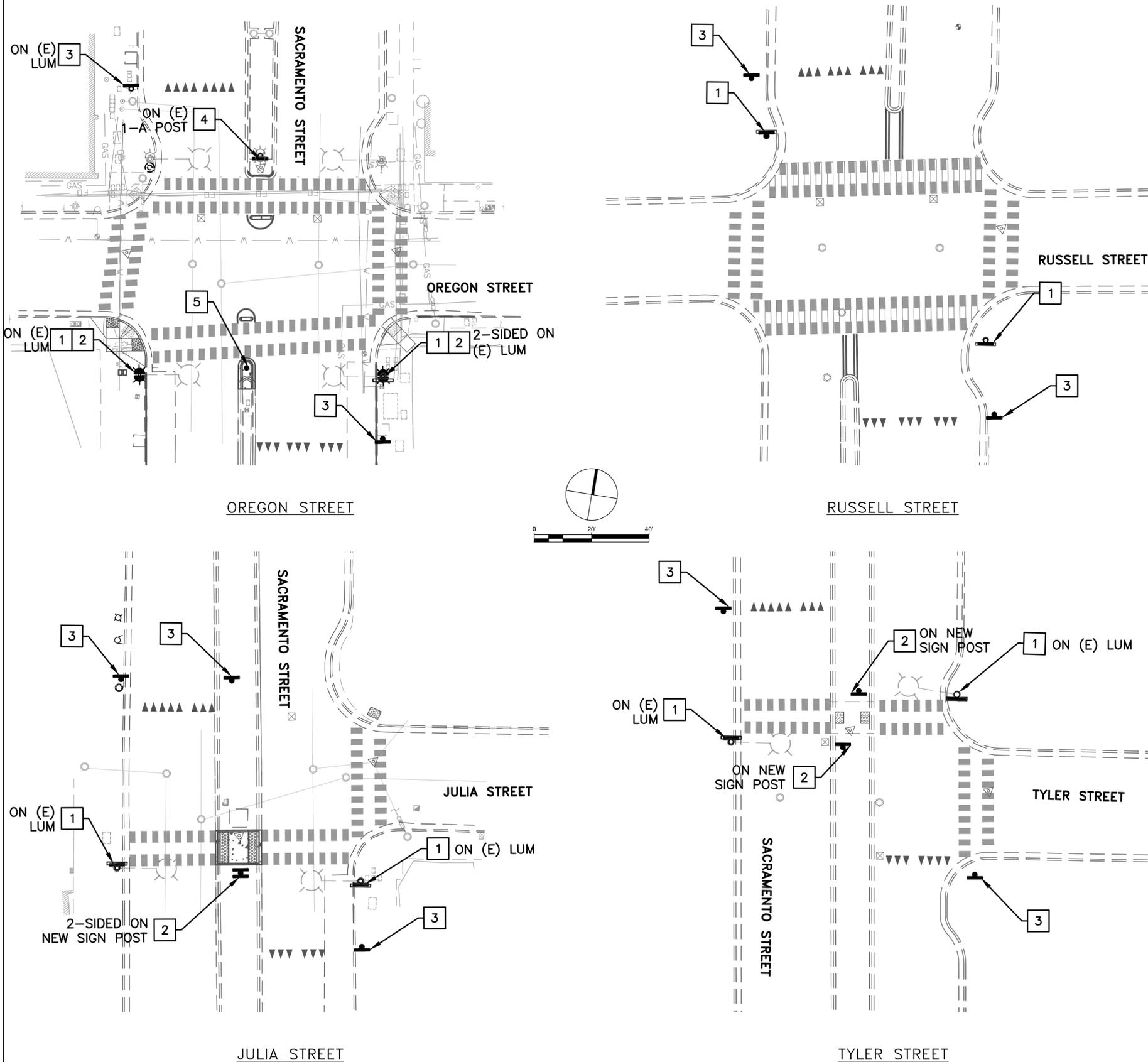
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 DATE 02/11/2024

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

HSIP SACRAMENTO ST PED SAFETY
 ELECTRICAL DETAILS

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 FILE 503-634
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 SHEET 23 OF 25

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



GENERAL NOTES

1. SIGN CODES PER CA MUTCD 2014 REV 3 SIGN CHART.
2. PAVEMENT MARKINGS PER CALTRANS STANDARD PLANS A24F & A24G.
3. CONTRACTOR SHALL PROVIDE MINIMUM TWO WORKING DAY NOTICE TO ALLOW THE CITY TRAFFIC ENGINEER TO REVIEW AND APPROVE ALL STRIPING AND MARKINGS AS "CAT-TRACKS" PRIOR TO PLACING PERMANENT MARKINGS.
4. DIMENSIONS ARE MEASURED FROM CENTER OF STRIPE AND FACE OF CURB.
5. SEE E-1, E-2 & E-3 FOR RRFB ASSEMBLY INSTALLATION ON OREGON STREET, PRINCE STREET AND FAIRVIEW STREET.
6. SEE SHEET C-7 & C-8 FOR STRIPING PLANS.

CONSTRUCTION NOTES

1. INSTALL W11-15 (WARNING BIKE-PED) AND W16-7P LEFT ARROW SIGNS.
2. INSTALL W11-15 (WARNING BIKE-PED) AND W16-7P RIGHT ARROW SIGNS.
3. INSTALL R1-5 (YIELD HERE TO PEDESTRIANS) SIGN ON NEW 2.25" SQUARE SIGN POST.
4. INSTALL R4-7 (KEEP RIGHT) SIGN.
5. INSTALL 2.25" DELINEATOR POST TYPE Q (CA).

LEGEND & ABBREVIATIONS

- ⬡xx⬢ CALTRANS STRIPING DETAIL
- (E) EXISTING
- LF LINEAR FEET
- LUM LUMINAIRE
- TYP TYPICAL



100% PLANS



Parametrix

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

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

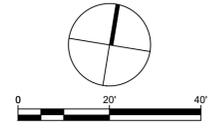
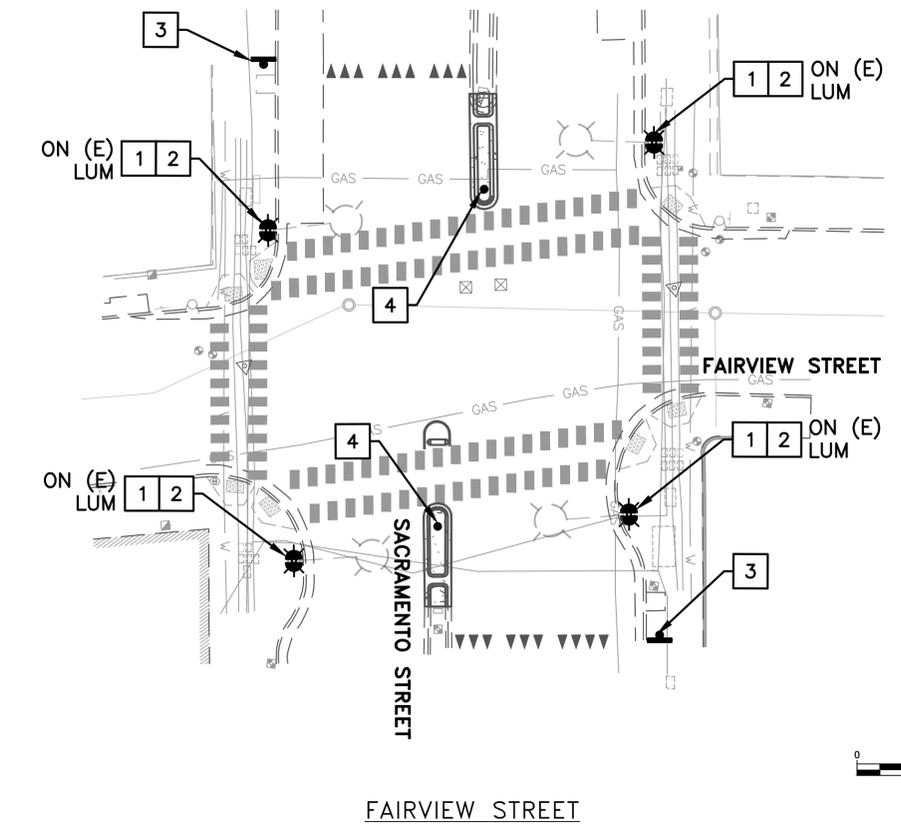
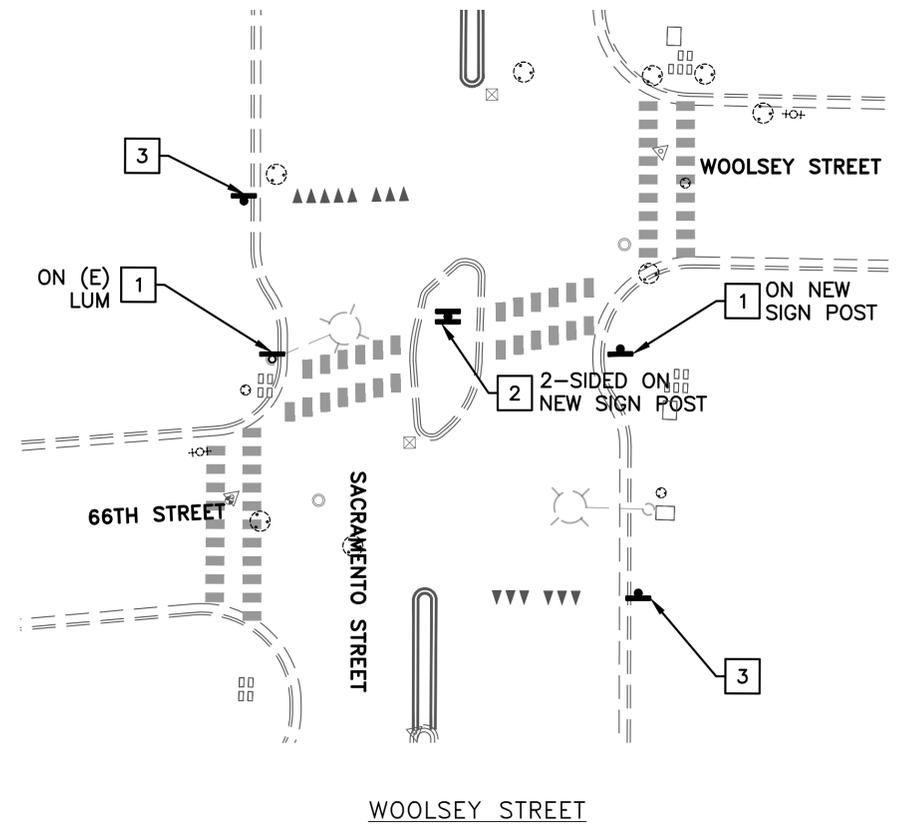
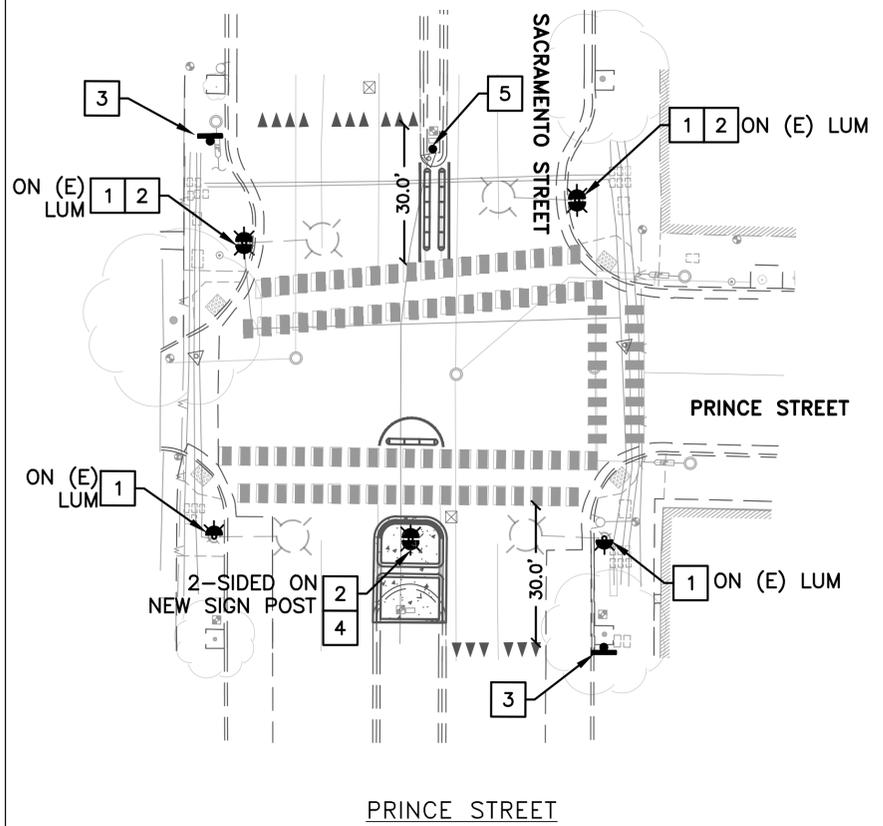
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CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

SACRAMENTO ST PED SAFETY
 SACRAMENTO ST
 SIGNAGE PLAN

PLAN 8275
 FILE 503-634
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REVISION	MARK	DATE	DESCRIPTION	APPROVAL



SIGN SCHEDULE										
SIGN CODE	DESCRIPTION	OREGON	RUSSELL	JULIA	TYLER	PRINCE	WOOLSEY	FAIRVIEW	TOTAL	SIZE
TYPE Q (CA)	2.25" DELINEATOR POST	1				1		2	4	
R1-5	YIELD HERE TO PEDESTRIANS	2	2	3	2	2	2	2	15	36" x 48"
R4-7	KEEP RIGHT	1				1			2	24" x 30"
W11-15	BICYCLE AND PEDESTRIAN CROSSING	4	2	4	4	8	4	8	34	36" x 36"
W16-7P	DOWNWARD DIAGONAL LEFT ARROW	2	2	2	2	4	2	4	18	24" x 12"
	DOWNWARD DIAGONAL RIGHT ARROW	2		2	2	4	2	4	16	24" x 12"

CONSTRUCTION NOTES

- 1 INSTALL W11-15 (WARNING BIKE-PED) AND W16-7P LEFT ARROW SIGNS.
- 2 INSTALL W11-15 (WARNING BIKE-PED) AND W16-7P RIGHT ARROW SIGNS.
- 3 INSTALL R1-5 (YIELD HERE TO PEDESTRIANS) SIGN ON NEW 2.25" SQUARE SIGN POST.
- 4 INSTALL 2.25" DELINEATOR POST TYPE Q (CA).

LEGEND & ABBREVIATIONS

- xx CALTRANS STRIPING DETAIL
- (E) EXISTING
- LF LINEAR FEET
- LUM LUMINAIRE
- TYP TYPICAL

GENERAL NOTES

- SIGN CODES PER CA MUTCD 2014 REV 3 SIGN CHART.
- PAVEMENT MARKINGS PER CALTRANS STANDARD PLANS A24F & A24G.
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Parametrix

PROJECT MANAGER: _____ DATE _____
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CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

SACRAMENTO ST PED SAFETY
 SACRAMENTO ST
 SIGNAGE PLAN



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