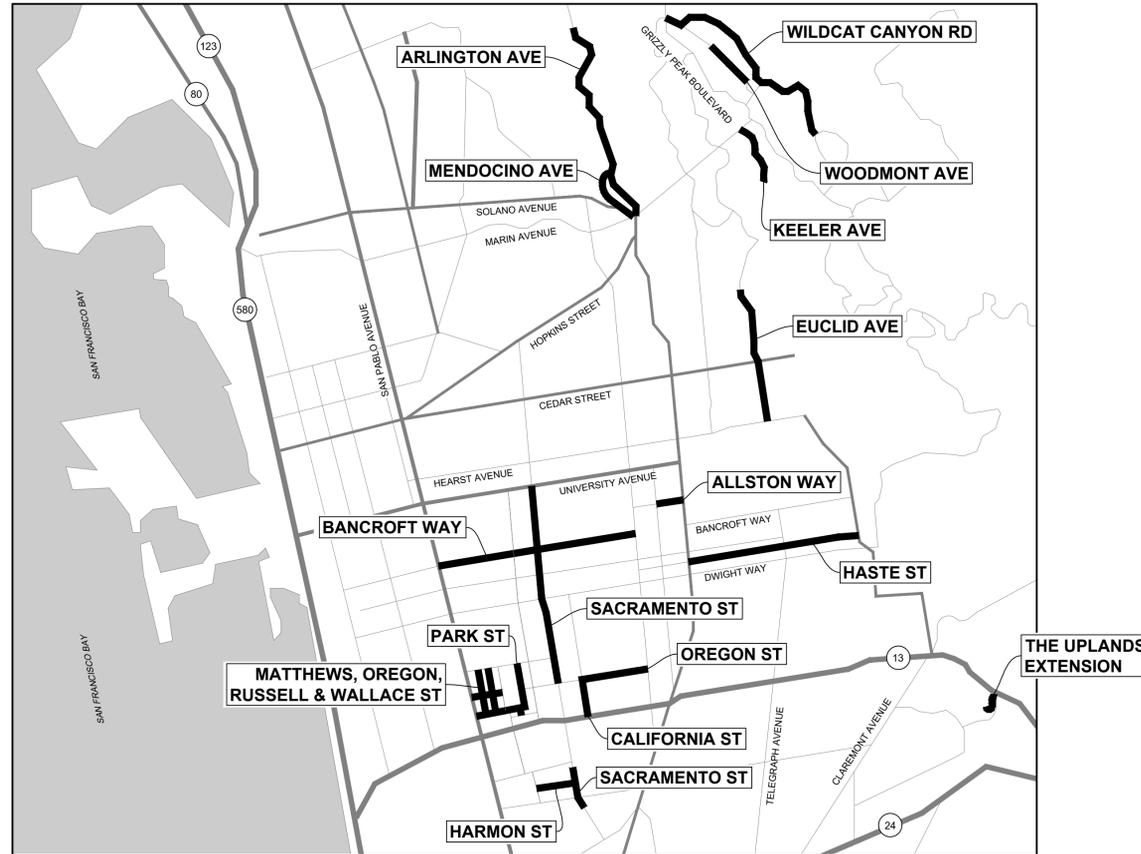


CITY OF BERKELEY

FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT

SPECIFICATION NO. 25-11690-C



LOCATION MAP

SHEET INDEX		
SHEET NO.	SHEET DESCRIPTION / STREET NAME	LIMITS OF WORK
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4 - 5	PARK STREET	RUSSELL STREET TO WARD STREET
6	WALLACE STREET	RUSSELL STREET TO WARD STREET
7	MATTHEWS STREET	RUSSELL STREET TO WARD STREET
8	OREGON STREET	SAN PABLO AVENUE TO MABEL STREET
9	CALIFORNIA STREET	ASHBY AVENUE TO OREGON STREET
10 - 11	OREGON STREET	CALIFORNIA STREET TO MLK JR WAY
12	HARMON STREET	IDAHO STREET TO SACRAMENTO STREET
13 - 17	SACRAMENTO STREET	SOUTH CITY LIMIT TO UNIVERSITY AVENUE
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29 - 32	EUCLID AVENUE	MILVIA STREET TO SHATTUCK AVENUE
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37	MENDOCINO AVENUE	THE CIRCLE TO ARLINGTON AVENUE
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46	ENLARGEMENTS	MOUNTABLE TRAFFIC CIRCLES
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48 - 51	CONSTRUCTION DETAILS	---
52 - 53	CONCRETE REPAIR & CURB RAMP SUMMARY TABLES	---

LEGEND

<ul style="list-style-type: none"> REMOVE & REPLACE X" HMA (SEE PLAN FOR DEPTH "X") CRACK SEAL & MICROSURFACING COLD PLANE X" (SEE PLAN FOR DEPTH "X") REMOVE & REPLACE PCC SIDEWALK OR VALLEY GUTTER REMOVE & REPLACE PCC DRIVEWAY, BUS PAD, OR CURB & GUTTER (7') REMOVE & REPLACE PCC CURB & GUTTER (2') REMOVE & REPLACE PCC ROLLED CURB REMOVE & REPLACE PCC CURB (6') KEYCUT A1 KEYCUT A2 KEYCUT A3 KEYCUT B1 KEYCUT B2 KEYCUT B3 SHOULDER BACKING 	<ul style="list-style-type: none"> HMA DIKE (TYPE A) HMA DIKE (TYPE C) EXISTING HMA DIKE PROPERTY LINE (APPROX.) 12" HDPE STORM DRAIN PIPE PRUNE & REMOVE TREE ROOTS (UNDER PCC/HMA REPAIRS) CONCRETE REPAIR NO. "AX" & "BX" (SEE SUMMARY TABLE ON SHEETS 52 & 53) CURB RAMP NO. "AX" (SEE SUMMARY TABLE ON SHEETS 52 & 53) PROPERTY ADDRESS "XXX" BORING LOCATION 	<ul style="list-style-type: none"> CATCH BASIN CABLE TELEVISION BOX CROSS DRAIN INLET / OUTLET CURB INLET CONCRETE PLANTER ELECTRICAL VAULT FIRE HYDRANT GAS VALVE JUNCTION BOX LOOP DETECTOR LOOP DETECTOR HANDHOLE MAINTENANCE HOLE COVER (D=STORM DRAIN, S=SEWER, T=AT&T) 	<ul style="list-style-type: none"> ROADSIDE SIGN & POST SURVEY WELL MONUMENT MISCELLANEOUS SURVEY MONUMENT USPS MAILBOX WATER VALVE BLUE RETROREFLECTIVE PAVEMENT MARKER CALTRANS STRIPING DETAIL NO. "XX" & STRIPING LENGTH "YY" 12" WHITE LIMIT LINE (THERMO) 12" WHITE CROSSWALK LINE (THERMO) 12" YELLOW CROSSWALK LINE (THERMO) SHARED ROADWAY BICYCLE MARKING (THERMO)
			<ul style="list-style-type: none"> AC ASPHALT CONCRETE HMA HOT MIX ASPHALT NTS NOT TO SCALE O.C. ON CENTER PCC PORTLAND CEMENT CONCRETE R&R REMOVE & REPLACE R.C. RELATIVE COMPACTION



PROJECT MANAGER: DATE 02/13/2025

DEPICTION OF MONUMENTS: DATE _____
 SURVEY CHIEF OF PARTY: DATE 02/13/2025
 WATERSHED REVIEW: DATE 02/13/2025

SUBMITTED: DATE 02/13/2025
 SUPERVISING CIVIL ENGINEER: R.C.E. 82615
 EXP. 09/30/2026
 APPROVED: DATE 2/13/2025
 CITY ENGINEER: R.C.E. 62524
 EXP. 9/30/25

DESIGN: JK, EN
 DRAWN: EN
 CHECK: MW, JK
 AS BUILT: _____
 HORIZ. 1"=20'
 VERT. N/A
 BOOK: _____
 DATE 02/12/25



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 TITLE SHEET

PLAN 8284
 FILE 501-641
 SHEET 1 OF 53

APPROVAL	
DESCRIPTION	
DATE	
MARK	
REVISION	



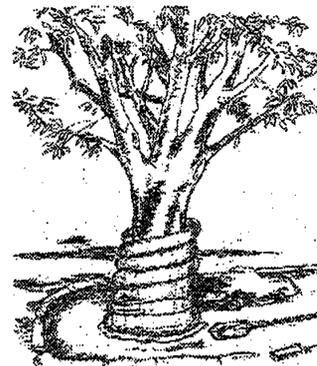
TREE PROTECTION NOTES

1. ARBORIST: CONTRACTOR SHALL RETAIN A LICENSED CERTIFIED, CITY-APPROVED ARBORIST FOR "ON-CALL" CONSULTATION DURING CONSTRUCTION AS SPECIFIED IN THE SPECIAL PROVISIONS & INDICATED ON THESE PLANS. NO EQUIPMENT SHALL BE PERMITTED ON-SITE UNTIL THE ARBORIST HAS APPROVED THE PROPOSED STAGING AREA(S). NO TREE PRUNING, REMOVAL OR ROOT-CUTTING SHALL OCCUR WITHOUT THE ARBORIST'S DIRECTION, RECOMMENDATIONS OR APPROVAL.
2. THE CONTRACTOR SHALL CONTACT THE CITY OF BERKELEY ARBORIST AT LEAST 48 HOURS IN ADVANCE OF PERFORMING WORK UNDER THE DRIP LINE OF EXISTING TREES & WHEN EXCAVATION IS PLANNED WITHIN THE ROOT SYSTEM OF THE TREE. THE CITY ARBORIST WILL REVIEW EACH LOCATION ON A CASE-BY-CASE BASIS TO CONFIRM THE ALLOWABLE EXTENT OF ROOT & BRANCH PRUNING REQUIRED.
3. TRENCHING: ALL TRENCHING WITHIN THE DRIP LINE OF EXISTING TREES SHALL BE BY HAND WITH CARE TAKEN NOT TO DAMAGE ROOTS OVER 2" DIAMETER.
4. ADVANCED WARNING: THE ARBORIST SHALL MARK LIMITS OF AREA WITHIN DRIP LINES IN ADVANCE PRIOR TO EXCAVATING.
5. PRUNING: TREES SHALL BE PRUNED ONLY AS RECOMMENDED BY THE ARBORIST & APPROVED BY THE CITY. EXISTING TREES WITH BRANCHES ENCRoACHING TO 12" FROM BACK OF CURB & LESS THAN 16" FROM FINISHED GRADE SHALL BE PRUNED UNDER THE DIRECTION OF A CITY APPROVED CERTIFIED ARBORIST.
6. CONSTRUCTION OPERATIONS: NO CONSTRUCTION OPERATIONS SHALL OCCUR WITHIN THE DRIP LINE AREA OF ANY TREE DESIGNATED TO BE SAVED EXCEPT AS AUTHORIZED BY THE ARBORIST.
7. STORAGE: THE AREA UNDER THE DRIP LINE OF THE TREE SHALL BE KEPT CLEAN. NO CONSTRUCTION MATERIALS & NO CHEMICAL SOLVENTS SHALL BE STORED OR DUMPED UNDER A TREE.
8. TREE DAMAGE: ANY DAMAGE TO EXISTING TREE CROWNS OR ROOT SYSTEMS SHALL BE REPAIRED IMMEDIATELY BY AN APPROVED TREE SURGEON UNDER THE DIRECTION OF THE ARBORIST.
9. CONTRACTOR SHALL PERFORM DEMOLITION, CUT, CLEAN & INSTALL GENERAL LANDSCAPE SOIL AT THE EXISTING TREES AS REQUIRED & APPROVED BY THE CITY.
10. CONTRACTOR'S ATTENTION IS DIRECTED TO THE CITY OF BERKELEY'S "GUIDELINES & TREE PROTECTION REQUIREMENTS FOR DEVELOPMENT PROJECTS" (GUIDELINES) PROVIDED IN THE PROJECT SPECIAL PROVISIONS, OF WHICH FIGURE 1, SECTION III IS PROVIDED BELOW.

Figure 1: Examples of Tree Trunk Protection

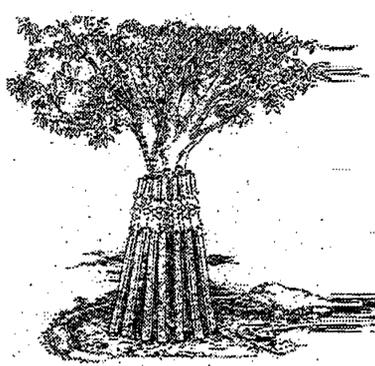
The following illustrations are examples of tree trunk protection measures. One of these examples shall be used when any approved construction activity takes place within the dripline of a protected tree that is not surrounded by protective fencing.

Example A - Straw tubing (wattle)



Example A: Illustration by Douglas Walters

Example B - Wooden slats



Example B: Illustration from 121 Managing Trees During Construction, EB&E

Minimum Requirements:

- Trees situated in a tree well or sidewalk planting strip shall have the trunk protected by wrapping it with straw tubes (wattle) or vertical wood slats (ex. 2x4), up to a minimum of 8 feet from grade.
- Wooden slats shall be angled to protect the root flare at the base of the tree and bound securely on the outside.
- Closed cell foam or an equivalent material shall be used to protect the trunk of the tree where it contacts the slats.
- Lateral branches below 8 feet shall also be protected.
- Contractor shall keep deleterious materials associated with project construction from contacting any part of the trees, or being placed or stored in the tree well or planting strip.

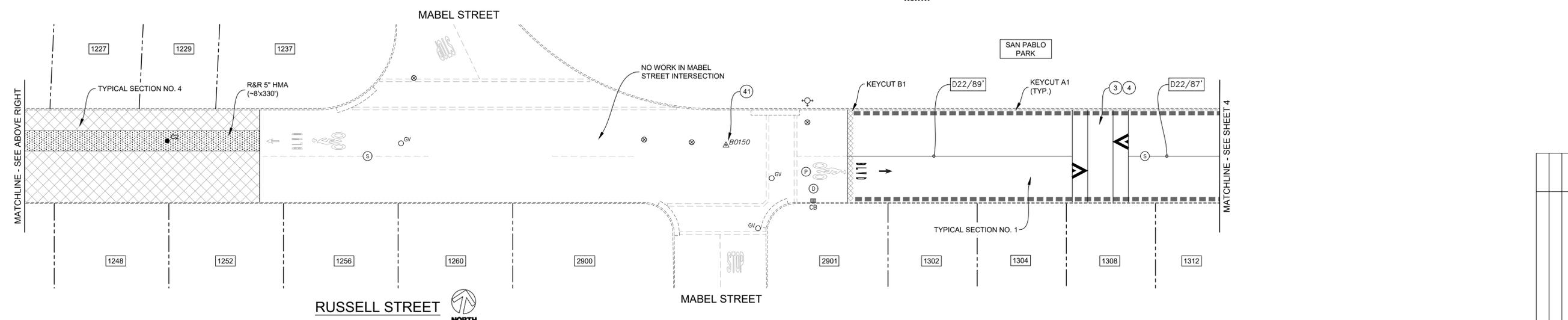
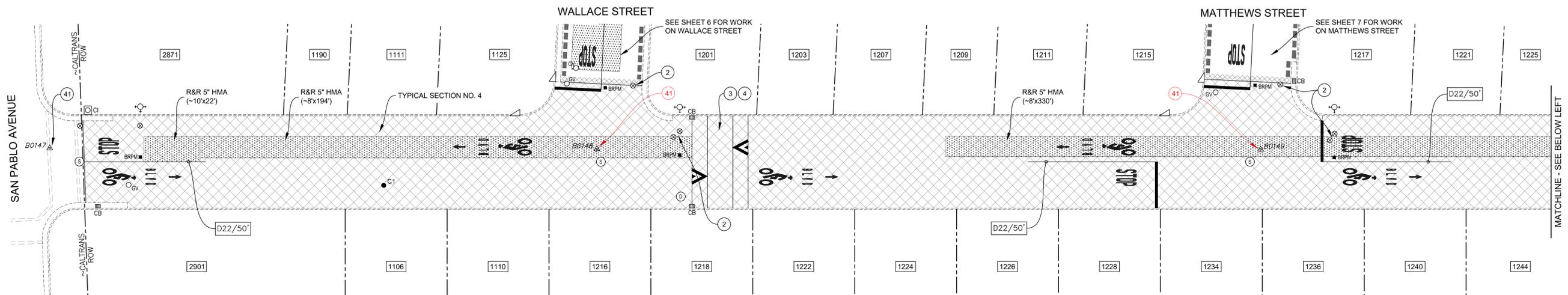
GENERAL NOTES

1. ALL DRAWINGS & SPECIFICATIONS ARE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEW & COORDINATION OF ALL DRAWINGS & SPECIFICATIONS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION MAY BE ISSUED. WORK NOT CONFORMING TO THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO THE CITY.
2. SPECIFIC NOTES & DETAILS TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY LOCATIONS, ELEVATIONS, ETC. OF EXISTING FACILITIES & TO IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY FIELD CONFLICTS.
4. THE PROPERTY LINES SHOWN ON THE PLANS WERE GENERATED FROM CITY GIS DATA & ARE SHOWN AT THEIR APPROXIMATE LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY PROPERTY LINE LOCATIONS PRIOR TO PERFORMING WORK WITHIN OR NEAR THE PUBLIC RIGHT-OF-WAY.
5. CONCRETE IMPROVEMENTS SHOWN ON THE PLANS ARE SCHEMATIC & SERVE AS A GUIDE FOR DETERMINING LOCATIONS & APPROXIMATE LIMITS OF WORK. ACTUAL LIMITS & GEOMETRIES OF CONCRETE IMPROVEMENTS MAY VARY BASED ON EXISTING FIELD CONDITIONS.
6. ALL MATERIALS & WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS & ORDINANCES OF THE CITY OF BERKELEY, CITY OF BERKELEY STANDARD PLANS & THE CALTRANS STANDARD SPECIFICATIONS. STANDARD PLANS ARE AVAILABLE AT THE OFFICE OF THE ENGINEER.
7. THE CONTRACTOR SHALL PROTECT ALL EXISTING FACILITIES NOT DESIGNATED FOR REMOVAL & SHALL RESTORE DAMAGED OR TEMPORARILY RELOCATED FACILITIES TO A CONDITION EQUAL TO OR BETTER THAN THEY WERE PRIOR TO SUCH DAMAGE OR TEMPORARY RELOCATION.
8. CONTRACTOR SHALL MEET WITH THE CITY PRIOR TO START OF CONSTRUCTION. 48 HOURS NOTICE TO THE ENGINEER IS REQUIRED ON ALL INSPECTIONS.
9. CONTRACTOR IS RESPONSIBLE TO MAKE ALL ARRANGEMENTS FOR SITE INSPECTIONS & ENSURE THAT ALL CURRENT STANDARDS FOR THE CITY, ALAMEDA COUNTY & CALTRANS ARE FOLLOWED PRIOR TO BEGINNING ANY PHASE OF CONSTRUCTION WORK.
10. CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
11. CONSTRUCTION SHALL BE LIMITED TO BETWEEN THE HOURS OF 7:30 AM & 5:00 PM, MONDAY THROUGH FRIDAY & INSPECTION REQUESTS SHALL BE LIMITED TO NORMAL CITY BUSINESS HOURS: 8:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY. ARRANGEMENTS FOR ANY OVERTIME INSPECTION SERVICES & PAYMENTS OF FEES FOR SAME SHOULD BE MADE 48 HOURS IN ADVANCE & ARE SUBJECT TO INSPECTION AVAILABILITY & APPROVAL BY THE ENGINEER.
12. THE CITY IS RESPONSIBLE FOR ARRANGEMENTS TO PAY FOR ALL MATERIAL TESTING REQUIRED FOR QUALITY ASSURANCE/ACCEPTANCE OF THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE TO IT THAT ALL MATERIAL TESTING REQUIRED BY THE ENGINEER & QUALITY CONTROL TESTING, PER THE SPECIAL PROVISIONS & TECHNICAL SPECIFICATIONS, IS PERFORMED. ENGINEER WILL ONLY PERFORM QUALITY ASSURANCE TESTING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE OF QUALITY ASSURANCE TESTING TO ALLOW THE ENGINEER TO SCHEDULE MATERIAL TESTING, LAB SAMPLING OR TESTING.
13. DUST CONTROL DURING ALL PHASES OF CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN GOOD HOUSEKEEPING WITHIN THE CONSTRUCTION AREA & STAGING AREA.
14. WATER FOR DUST CONTROL & USE FOR COMPACTION MAY BE PURCHASED FROM THE APPROPRIATE AGENCY PRIOR TO THE START OF ANY WORK & IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PAY FOR ANY FEES OR DEPOSITS. THE CONTRACTOR IS NOT ALLOWED TO USE WATER TO CLEAN THE STREET PAVEMENT SURFACE THAT WOULD VIOLATE CITY OF BERKELEY MUNICIPAL CODE CHAPTER 17.20.
15. TEMPORARY BITUMINOUS SURFACING & CLEAN UP OF THE WORK SHALL BE INSPECTED & MAINTAINED DAILY BY THE CONTRACTOR.
16. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE PROPOSED ROUTE(S) FOR ALL CONSTRUCTION TRAFFIC RELATED TO THE PROJECT. UPON APPROVAL, THE CONTRACTOR SHALL STRICTLY ADHERE TO THAT ROUTE(S) ONLY, UNLESS WRITTEN PERMISSION IS OBTAINED TO CHANGE THE ROUTE(S). IN ADDITION TO THE CONTRACTOR'S PROPOSED ROUTE(S), A DETOUR PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER.
17. AS PART OF THEIR PRE-BID INSPECTION, BIDDERS SHALL NOTE THE TYPE & LOCATION OF OVERHEAD UTILITIES IN THE PROPOSED WORK AREA. BIDDER'S PRICE SHALL INCLUDE PROVISIONS FOR WORKING IN AREAS WHERE UTILITIES EXIST AT THE TIME OF BIDDING & NO ADDITIONAL COMPENSATION IS ALLOWED.
18. THE CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENCES & BUSINESSES AFFECTED BY THE PROJECT THROUGHOUT THE LIFE OF THE CONTRACT AS SPECIFIED IN THE SPECIAL PROVISIONS. CONTRACTOR SHALL MAKE REASONABLE ATTEMPTS TO ACCOMMODATE ANY SPECIAL REQUESTS FOR DELIVERIES.
19. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) 800-227-2600 (OR DIAL 811), TWO (2) WORKING DAYS PRIOR TO START OF ANY EXCAVATION OR DEMOLITION OF IMPROVEMENTS.
20. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ALL UTILITIES TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION SO THAT LINES CAN BE MARKED. CONTRACTOR SHALL EXERCISE CARE DURING EXCAVATION OR DEMOLITION, PARTICULARLY IN LOCATIONS WITH UTILITIES THAT WILL REMAIN IN SERVICE.
21. ANY DAMAGE TO THE EXISTING FACILITIES INCLUDING TREES, LANDSCAPING, IRRIGATION, FENCES, WALLS, SIDEWALK, MAILBOXES, UTILITIES & OTHER PAVEMENT SURFACES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL RESTORE ANY & ALL PAVEMENT & OTHER FACILITIES OUTSIDE LIMITS OF WORK AFFECTED BY THE CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO THE CITY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VIDEOTAPE OR DOCUMENT EXISTING CONDITIONS PRIOR TO START OF WORK TO SUBSTANTIATE ANY PREVIOUS DAMAGE, ETC.; COPIES OF WHICH SHALL BE PROVIDED TO THE ENGINEER PRIOR TO CONSTRUCTION.
22. 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 & PROFESSIONS CODE. CORNER RECORDS OF THIS WORK MUST BE SUBMITTED FOR FILING TO BOTH THE COUNTY SURVEYOR OF ALAMEDA COUNTY & THE CITY OF BERKELEY, PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, SURVEY SECTION.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF EXISTING SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS & 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 & CONTACT THE CITY OF BERKELEY, SURVEY SECTION, CHIEF OF PARTY FOR FINAL INSPECTION & ACCEPTANCE OF THE WORK.
24. MONUMENTS SHALL ONLY BE RESET BY A LICENSED LAND SURVEYOR AT THE DIRECTION OF THE ENGINEER.
25. ALL STRIPING & MARKINGS SHALL BE THERMOPLASTIC UNLESS SHOWN OTHERWISE ON THE PLANS OR AS SPECIFIED IN THE SPECIFICATIONS OR BY THE ENGINEER.
26. ALL BLUE RETROREFLECTIVE FIRE HYDRANT MARKERS SHALL BE SET 6" OFF THE STREET CENTERLINE OR AS SHOWN IN THE LATEST CA MUTCD STANDARDS.
27. TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY & IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS & OTHER DEVICES TO PROVIDE FOR SAFE PASSAGE OF PUBLIC VEHICULAR & PEDESTRIAN TRAFFIC IN ACCORDANCE WITH CA MUTCD STANDARDS.
28. THE CONTRACTOR SHALL CONTACT AC TRANSIT AT LEAST THREE WEEKS IN ADVANCE OF PERFORMING WORK SHOULD ANY STREET OR LANE CLOSURES REQUIRE RE-ROUTING OF PUBLIC TRANSIT. CONTRACTOR SHALL COORDINATE WITH AC TRANSIT FOR TEMPORARY BUS STOP LOCATIONS DURING CONSTRUCTION PERIOD, IF REQUIRED.
29. UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL ADHERE TO THE CITY'S HOLIDAY & REDUCED SERVICE DAYS SCHEDULE PER THE SPECIAL PROVISIONS. IN ADDITION, UNLESS OTHERWISE APPROVED IN ADVANCE BY THE CITY'S TRAFFIC ENGINEER, LANE CLOSURES ON MAJOR STREETS & COLLECTOR STREETS (MARTIN LUTHER KING JR WAY, SHATTUCK AVENUE, ALCATRAZ AVENUE ETC.) ARE PROHIBITED DURING MORNING & EVENING COMMUTE HOURS.
30. TYPICAL DETAILS REFERRED TO ON THESE DRAWINGS ARE FROM THE LATEST VERSIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS, CA MUTCD & CITY STANDARD PLANS.
31. CONTRACTOR SHALL POSSESS A VALID CLASS 'A' LICENSE AT THE TIME OF AWARD OF THE CONTRACT.
32. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A 3 WEEK LOOK AHEAD SCHEDULE AT WEEKLY MEETINGS & DAILY SCHEDULE OF PLANNED WORK A MINIMUM OF 24 HOURS HOURS IN ADVANCE FOR BASE REPAIR, CRACK SEALING, COLD PLANING, PAVEMENT RESURFACING, & CONCRETE CONSTRUCTION WORK FOR EACH STREET.
33. CONTRACTOR SHALL PROTECT FULL DIAMETER OF CURB DRAIN OUTLETS DURING PAVEMENT & CONCRETE WORK. EXISTING CURB DRAINS TO REMAIN EXPOSED DURING & AFTER WORK IS COMPLETE. HANDWORK MAY BE REQUIRED TO PROTECT CURB DRAIN.
34. CONTRACTOR SHALL REFRESH ALL CURB PAINT WITHIN LIMITS OF WORK.
35. CONTRACTOR SHALL REPLACE ALL ADDRESS STENCILS OBLITERATED AS PART OF THEIR WORK.
36. ALL UTILITY COVERS SHALL BE ADJUSTED TO FINISH GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____ R.C.E. _____	DESIGN JK, EN _____ DRAWN EN _____	HORIZ. 1"=20' VERT. N/A	Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.281.2265	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT PROJECT NOTES	PLAN 8284
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	0 1 2 3	SURVEY CHIEF OF PARTY _____	CHECK MW, JK _____	BOOK _____			DATE 02/12/25
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____ R.C.E. _____	CITY ENGINEER _____	AS BUILT _____	DATE 02/12/25			SHEET_2_of_53

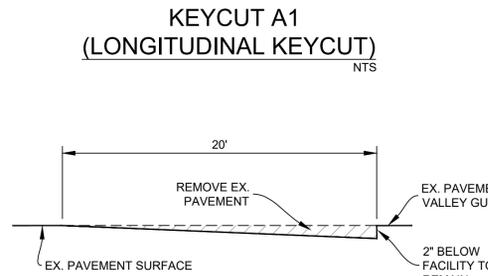
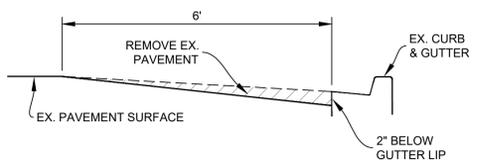
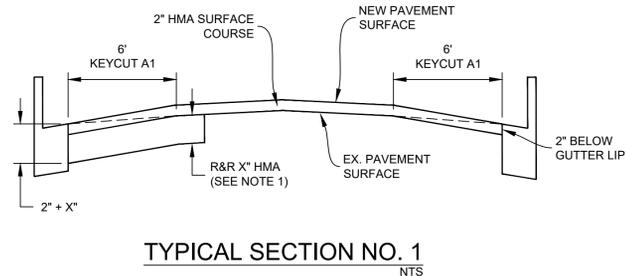
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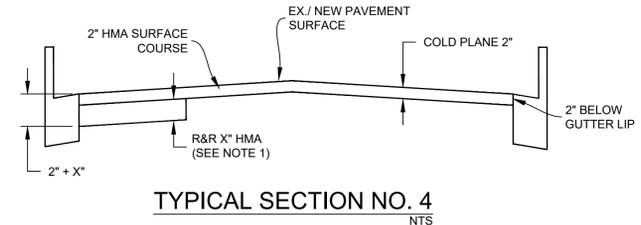
- CONSTRUCTION NOTES:**
- 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - 3 REMOVE & DISPOSE OF EXISTING SPEED HUMP.
 - 4 CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
 - 41 SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).

- MISCELLANEOUS NOTES:**
- 1. LOWER ALL UTILITY COVERS (WITHIN LIMITS OF TYPICAL SECTION NO. 4) PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE. FOR REMOVE & REPLACE HMA DETAIL, SEE FOLLOWING SHEET.



NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE. FOR REMOVE & REPLACE HMA DETAIL, SEE FOLLOWING SHEET.



BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	7"	10"	10	Y
C2	5"	8"	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



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 _____ DATE _____
 APPROVED: _____ DATE _____
 CITY ENGINEER _____ DATE _____

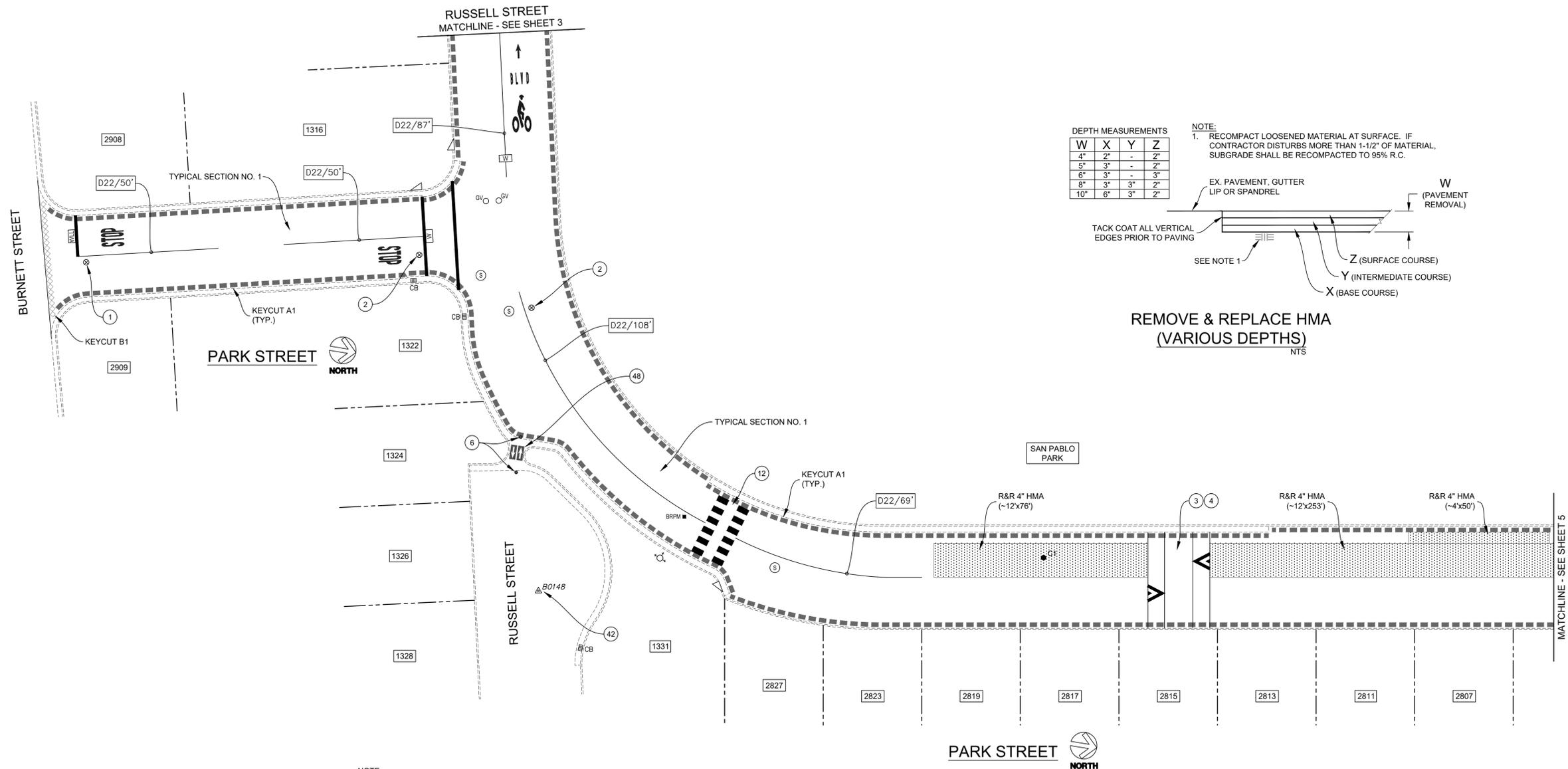
DESIGN JK, EN _____ DATE _____
 DRAWN EN _____ DATE _____
 CHECK MW, JK _____ DATE _____
 AS BUILT _____ DATE _____

Pavement Engineering Inc.
 You can ride on our reputation
 Corporate Office:
 3485 Sacramento Drive, Suite A
 San Jose, CA 95131
 805.781.2265

FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 RUSSELL STREET
 SAN PABLO AVENUE TO PARK STREET

PLAN	8284
FILE	501-641
SHEET	3_OF_53

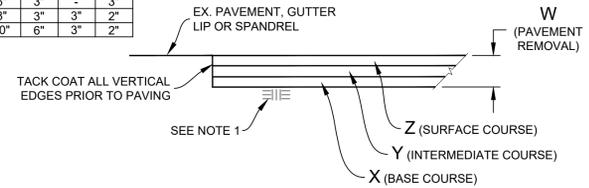
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.

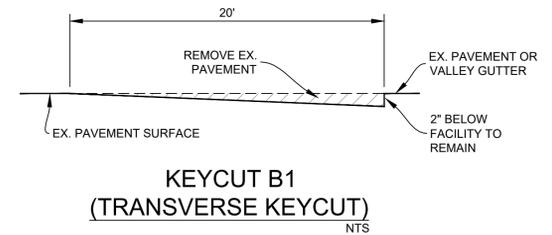
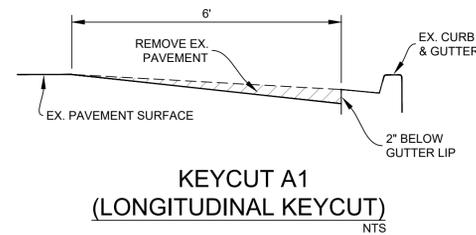
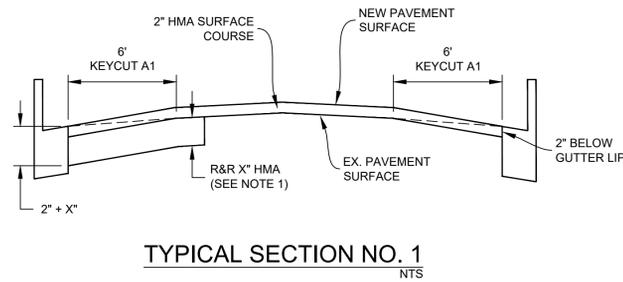


REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

CONSTRUCTION NOTES:

- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- ③ REMOVE & DISPOSE OF EXISTING SPEED HUMPS.
- ④ CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
- ⑥ REMOVE BOLLARD & FOOTING (2 EA) PRIOR TO MILLING OPERATION. PLUG RESULTING VOID WITH HMA & COMPACT.
- ⑫ REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
- ④② SURVEY MONUMENT; PROTECT IN PLACE.
- ④⑧ INSTALL BIKE LANE ARROW (GREEN-BACKED; THERMO) ON EXISTING CONCRETE. PRIMER SHALL BE APPLIED TO CONCRETE PRIOR TO APPLICATION OF PAVEMENT MARKINGS.



BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	3-1/4"	6	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER:	DATE	DEPICTION OF MONUMENTS:	DATE	SUBMITTED:	DATE	DESIGN:	JK, EN	HORIZ.:	1"=20'
								VERT.:	N/A
								BOOK:	
								AS BUILT:	DATE 02/12/25

SURVEY CHIEF OF PARTY:	DATE	APPROVED:	DATE
WATERSHED REVIEW:	DATE	CITY ENGINEER:	DATE

DATE	DATE	DATE	DATE
R.C.E.	EXP.	DATE	R.C.E.
EXP.	DATE	DATE	EXP.

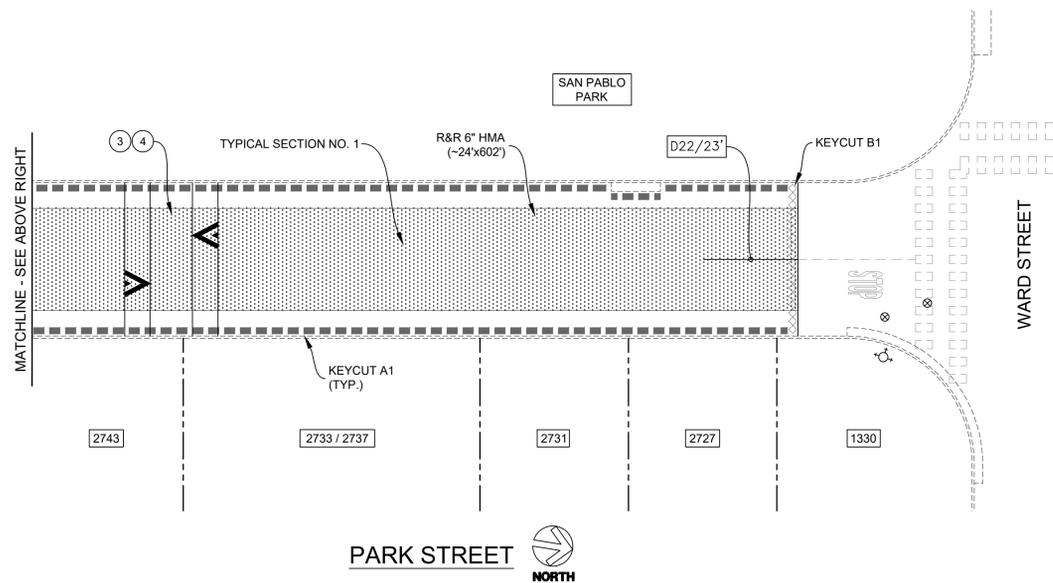
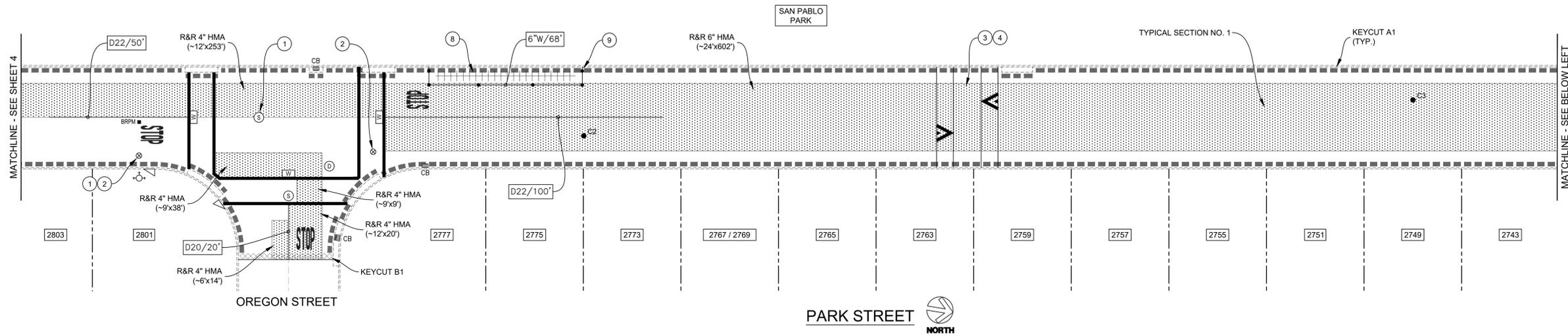
DATE	DATE	DATE	DATE
R.C.E.	EXP.	DATE	R.C.E.
EXP.	DATE	DATE	EXP.

Pavement Engineering Inc.
You can ride on our reputation
Corporate Office:
3485 Sacramento Drive, Suite A
San Jose, CA 95131
805.781.2265

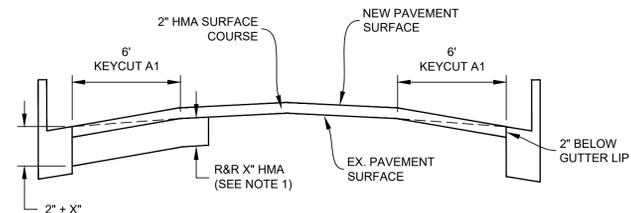
FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
PARK STREET
RUSSELL STREET TO WARD STREET

PLAN:	8284
FILE:	501-641
SHEET:	4 OF 53

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



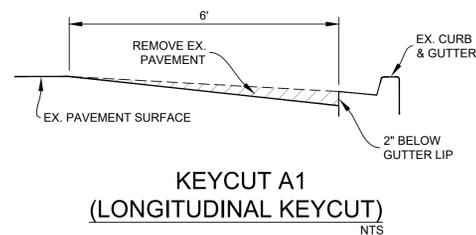
NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



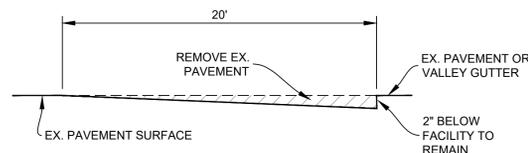
TYPICAL SECTION NO. 1
NTS

CONSTRUCTION NOTES:

- 1 LOWER UTILITY COVER PRIOR TO COLD PLANE.
- 2 INSTALL G-S FRAME & COVER FURNISHED BY EBMUD.
- 3 REMOVE & DISPOSE OF EXISTING SPEED HUMP.
- 4 CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
- 8 BIKE CHARGING STATION; SALVAGE PRIOR TO & REPLACE AFTER RESURFACING. CONTRACTOR SHALL COORDINATE WORK WITH CITY.
- 9 REMOVE & REPLACE WHITE DELINEATOR (6 EA).



**KEYCUT A1
(LONGITUDINAL KEYCUT)**
NTS

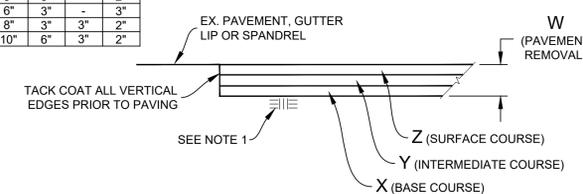


**KEYCUT B1
(TRANSVERSE KEYCUT)**
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



**REMOVE & REPLACE HMA
(VARIOUS DEPTHS)**
NTS

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C2	3"	6"	-	Y
C3	3-1/2"	4"	8	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



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

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

SUBMITTED: _____ DATE _____
 SUPERVISING CIVIL ENGINEER: _____ EXP. _____
 CHECKED: _____ DATE _____
 AS BUILT: _____ R.C.E. _____ EXP. _____

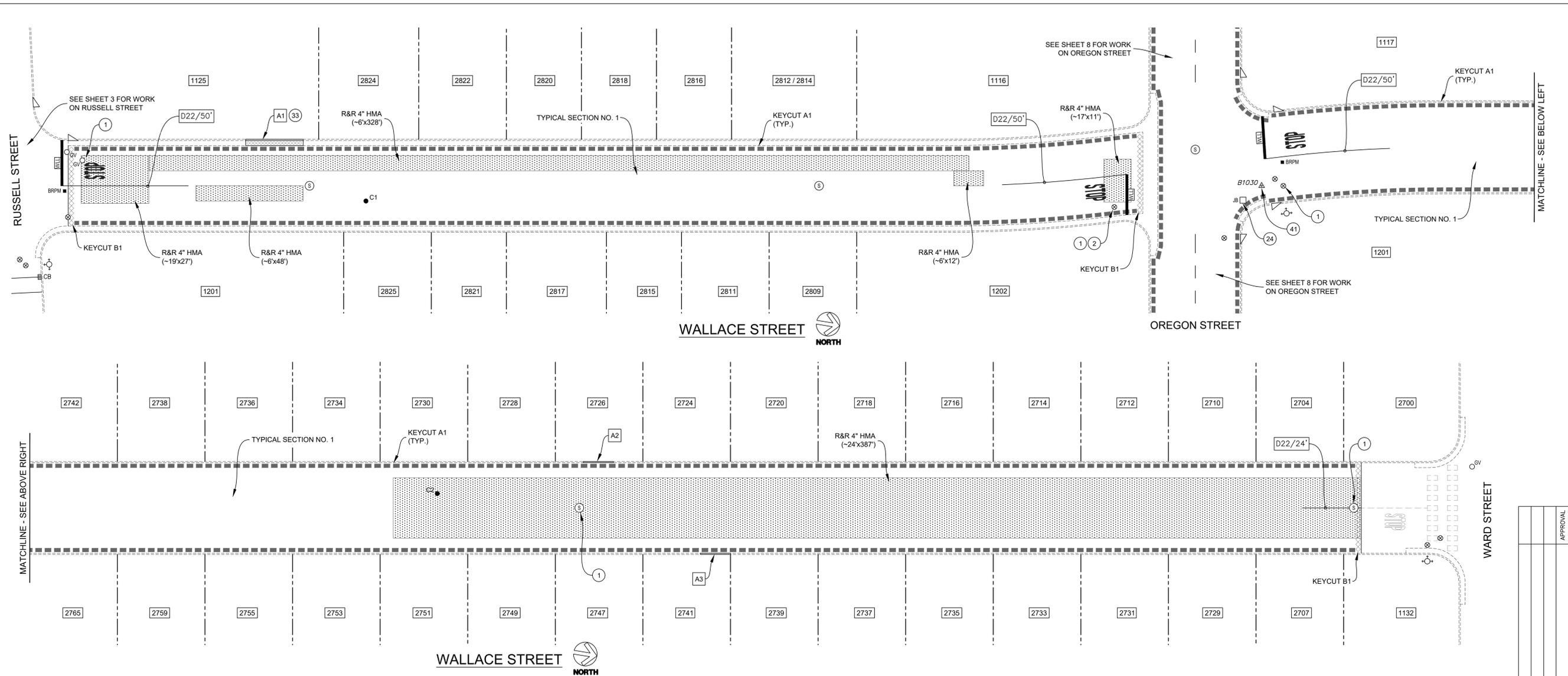
DESIGN: JK, EN
 DRAWN: EN
 CHECK: MW, JK
 AS BUILT: _____
 HORIZ. 1"=20'
 VERT. N/A
 BOOK: _____
 DATE 02/12/25



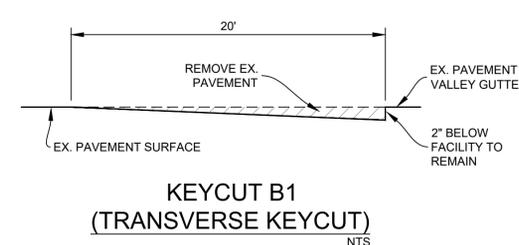
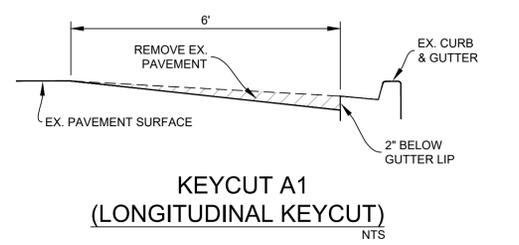
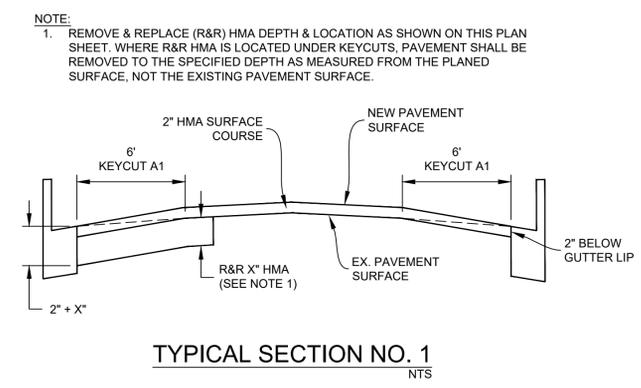
FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 PARK STREET
 RUSSELL STREET TO WARD STREET

PLAN 8284
 FILE 501-641
 SHEET 5 OF 53

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

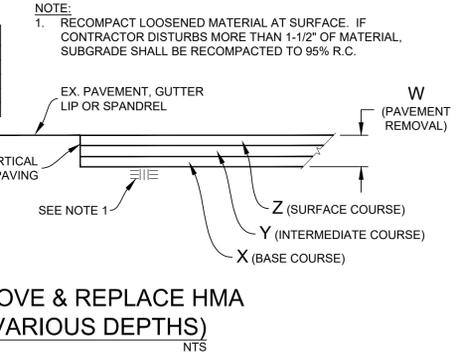


- CONSTRUCTION NOTES:**
- LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - INSTALL G-S FRAME & COVER FURNISHED BY EBMUD.
 - UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - CONSTRUCT CURB OR CURB & GUTTER BULB OUT AT TREE PER CONSTRUCTION DETAIL. IF CURB OR CURB & GUTTER CANNOT BE RECONSTRUCTED, TREE SHALL BE REMOVED.
 - SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"



BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	3"	6"	-	N
C2	2-1/2"	5"	9	N

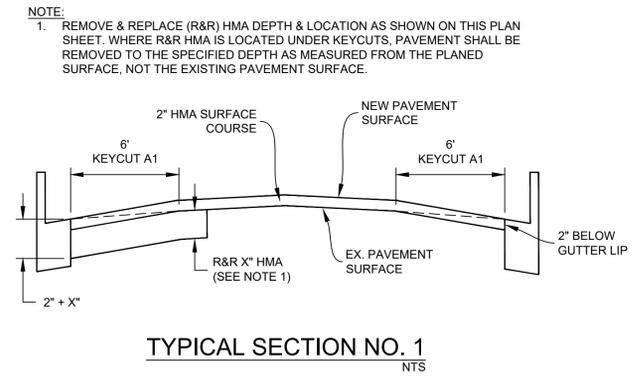
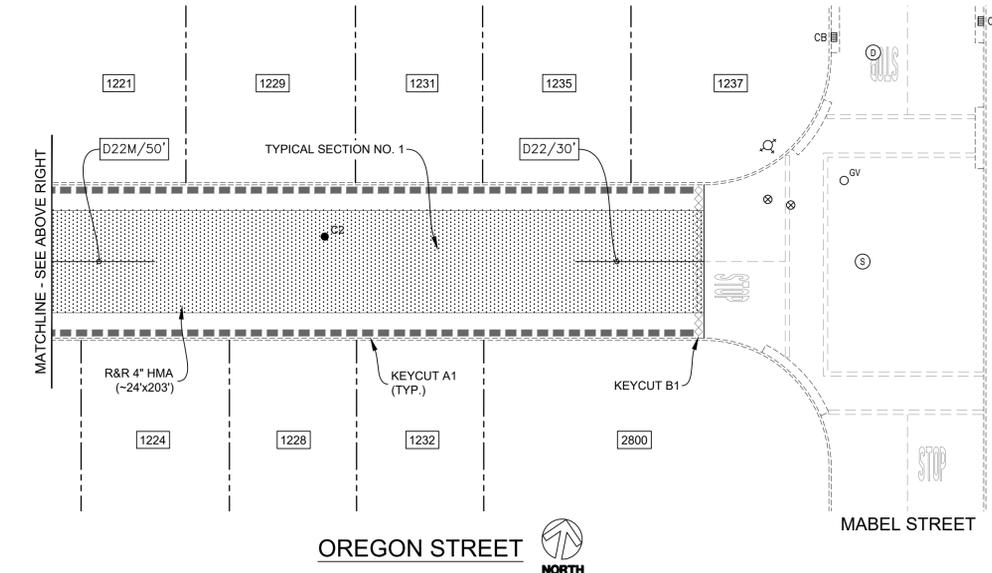
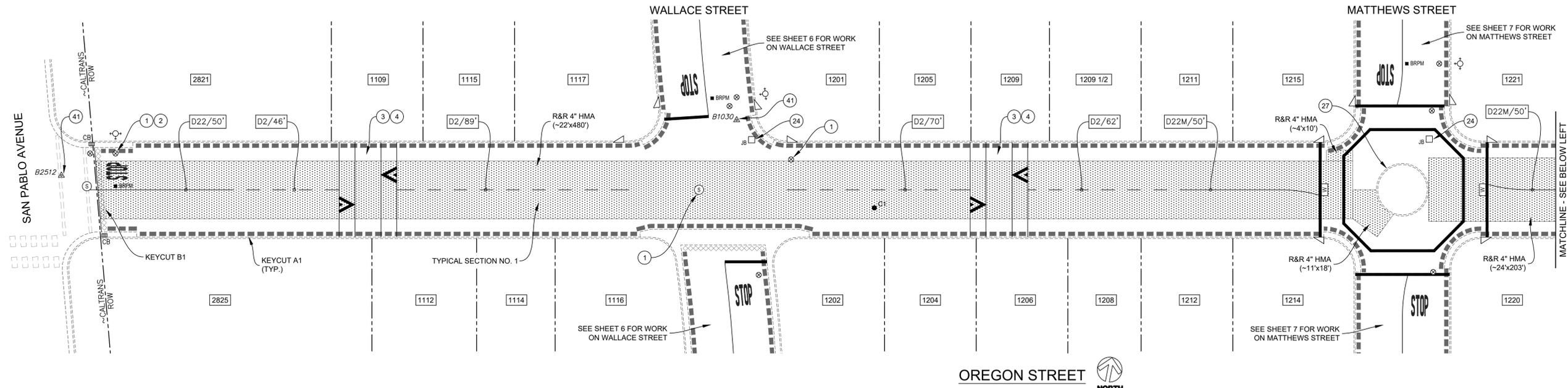
*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



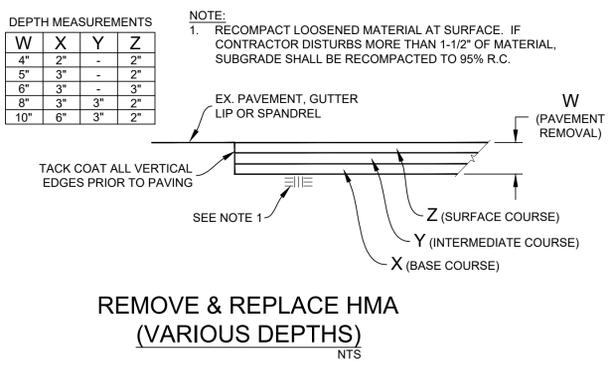
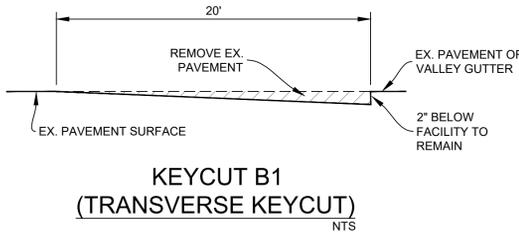
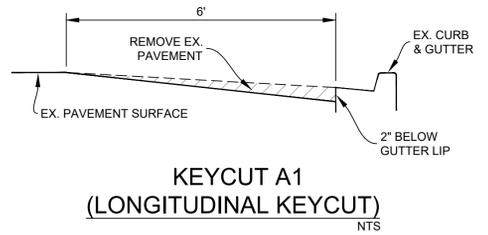
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT WALLACE STREET RUSSELL STREET TO WARD STREET	PLAN 8284
SURVEY CHIEF OF PARTY _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER _____	EXP. _____	DRAWN EN	VERT. N/A			FILE 501-641
CITY ENGINEER _____	APPROVED: _____	CHECK MW, JK	R.C.E. _____	AS BUILT _____	BOOK _____			REVISION _____
DATE _____	DATE _____	DATE _____	EXP. _____	DATE 02/12/25	DATE _____			DATE _____

FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- 1 LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - 3 REMOVE & DISPOSE OF EXISTING SPEED HUMP.
 - 4 CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
 - 24 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - 27 PAVE AGAINST CURB FACE.
 - 41 SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).



BORING LOG

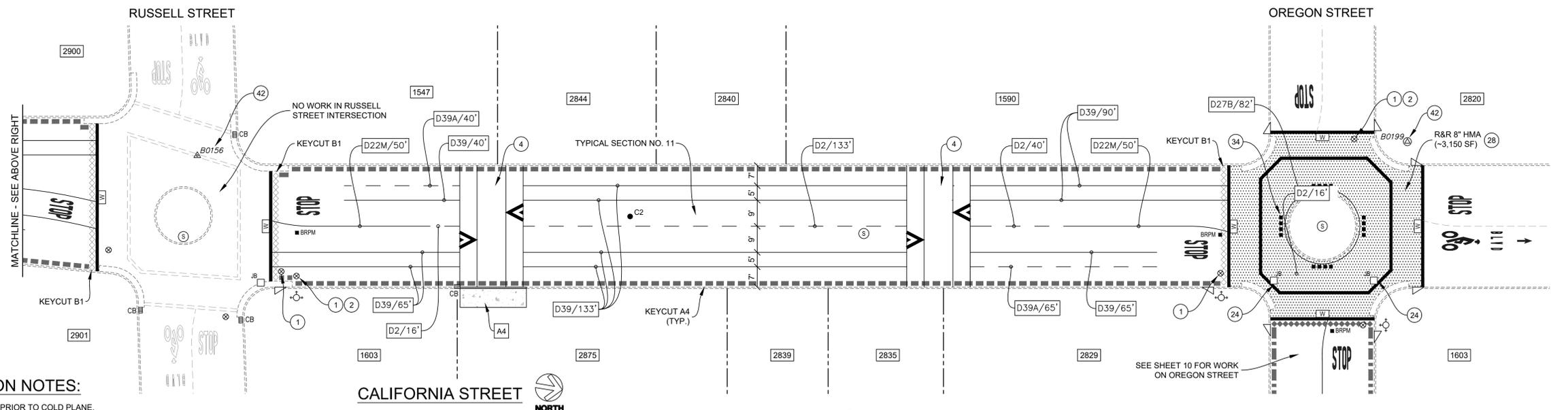
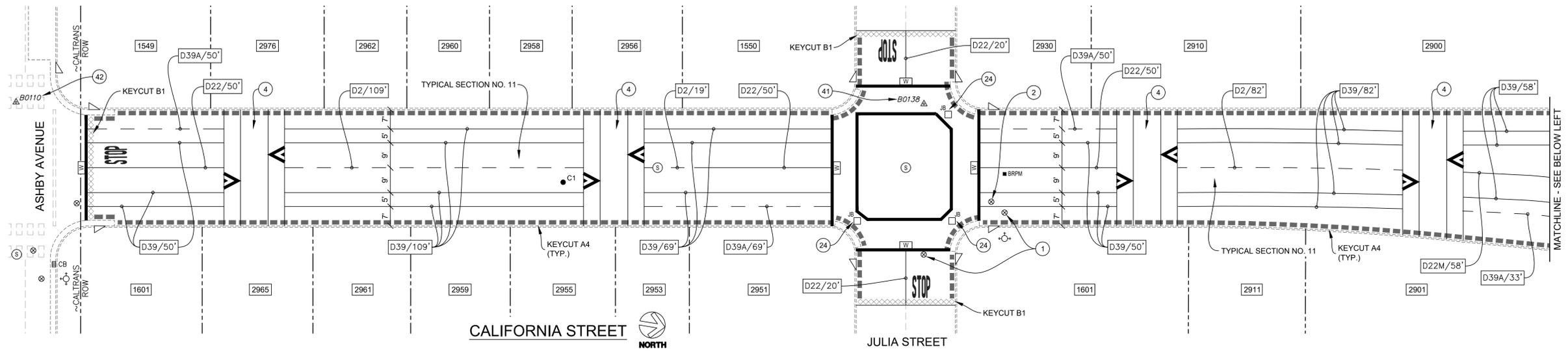
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	2-1/2"	6-1/2"	12	N
C2	1-3/4"	6"	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN _____	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT OREGON STREET SAN PABLO AVENUE TO MABEL STREET	PLAN 8284
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: EN _____	VERT. N/A			FILE 501-641
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK _____	BOOK _____			
		CITY ENGINEER: _____ DATE _____	AS BUILT _____	DATE 02/12/25			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

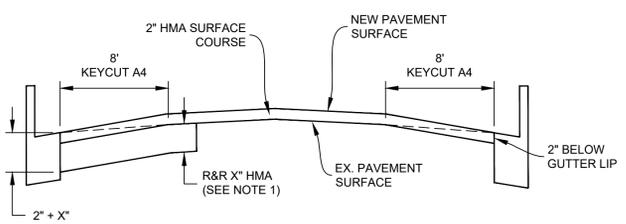
- 1 LOWER UTILITY COVER PRIOR TO COLD PLANE.
- 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- 4 CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
- 24 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
- 28 SURFACE COURSE OF REMOVE & REPLACE HMA TO BE PLACED CONCURRENTLY WITH SURFACE COURSE OF TYPICAL SECTION NO. 1
- 34 REMOVE & REPLACE YELLOW RPMS (4 EA) AT EACH LEG OF INTERSECTION (16 TOTAL).
- 41 SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
- 42 SURVEY MONUMENT; PROTECT IN PLACE.

MISCELLANEOUS NOTES:

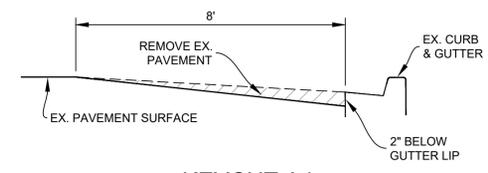
- 1. CONTRACTOR SHALL SKIN PATCH ~20 LOCATIONS (LESS THAN 1'x1' EACH) PRIOR TO OVERLAY. LOCATIONS SHALL BE MARKED OUT IN THE FIELD BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:

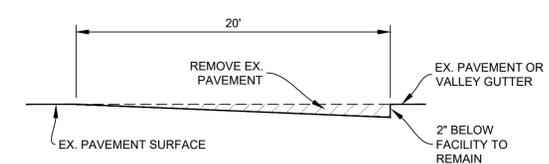
- 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



TYPICAL SECTION NO. 11
NTS



KEYCUT A4 (LONGITUDINAL KEYCUT)
NTS



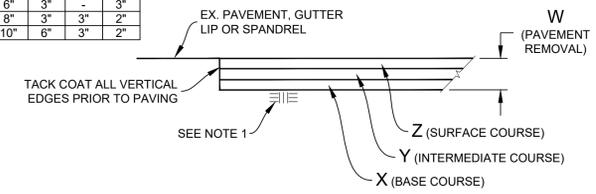
KEYCUT B1 (TRANSVERSE KEYCUT)
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:

- 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	2-1/2"	23"	9	Y
C2	3-1/2"	25"	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



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

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

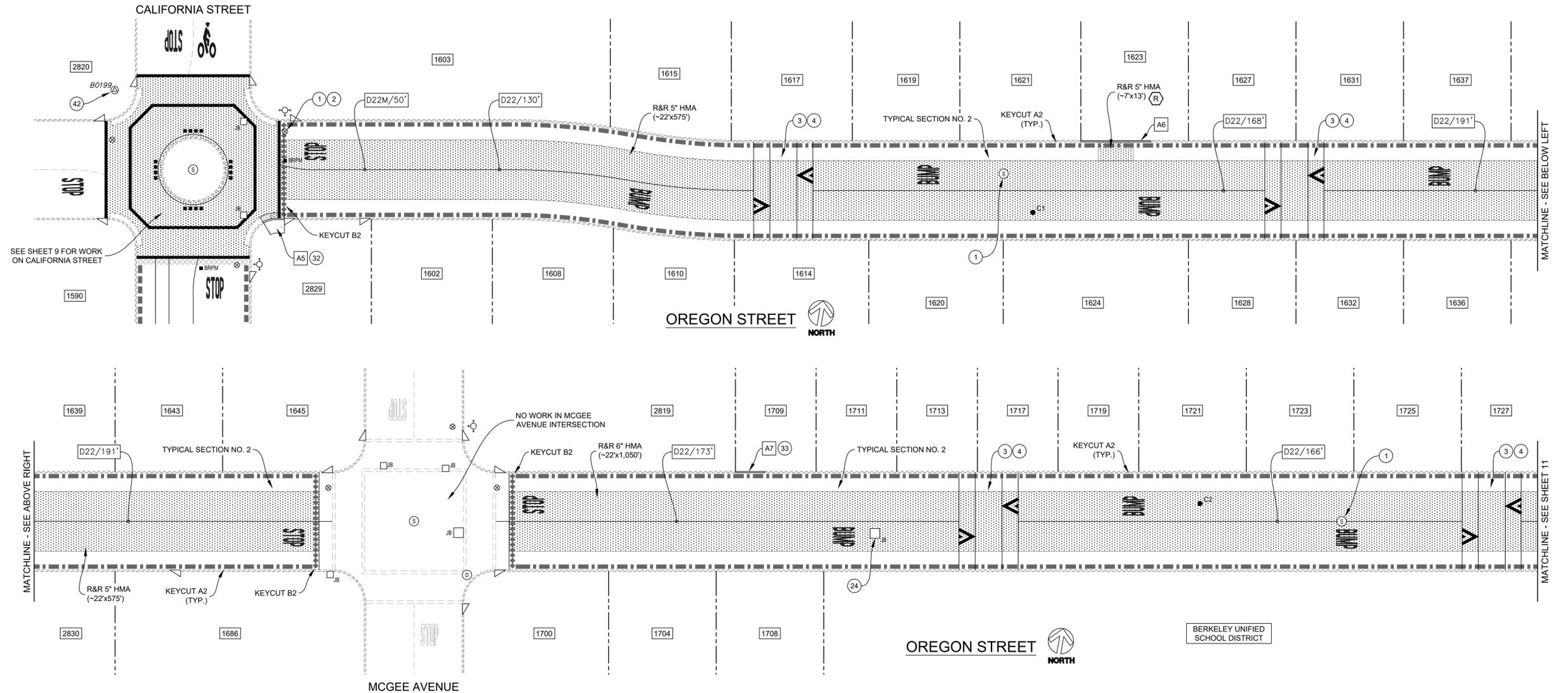
SUBMITTED: _____ DATE _____
 R.C.E.: _____
 EXP.: _____
 SUPERVISING CIVIL ENGINEER: _____ DATE _____
 APPROVED: _____ DATE _____
 R.C.E.: _____
 EXP.: _____
 CITY ENGINEER: _____

DESIGN: JK, EN
 DRAWN: EN
 CHECK: MW, JK
 AS BUILT: _____
 HORIZ. 1"=20'
 VERT. N/A
 BOOK _____
 DATE 02/12/25



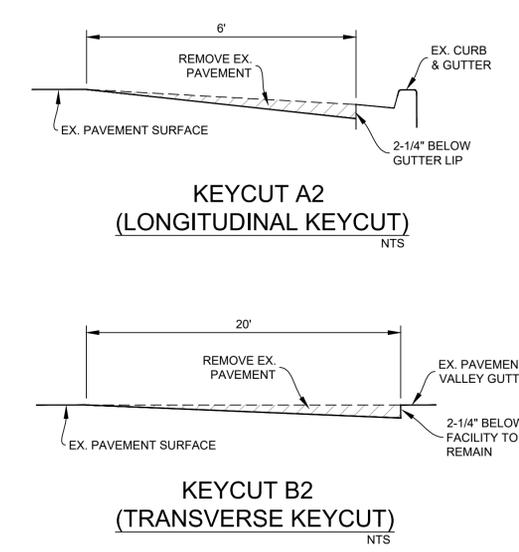
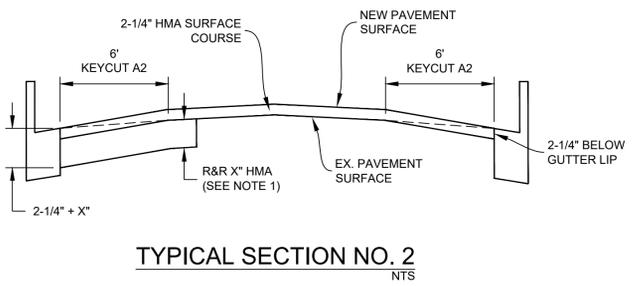
FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 CALIFORNIA STREET
 ASHBY AVENUE TO OREGON STREET

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- 1 LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - 3 REMOVE & DISPOSE OF EXISTING SPEED HUMP.
 - 4 CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
 - 24 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - 32 SAWCUT AT CONTROL JOINT ADJACENT TO TRUNCATED DOMES & PROTECT IN PLACE CURB RAMP LANDING & RAMPING SURFACE.
 - 33 CONSTRUCT CURB OR CURB & GUTTER BULB OUT AT TREE PER CONSTRUCTION DETAIL.
 - 42 SURVEY MONUMENT; PROTECT IN PLACE.

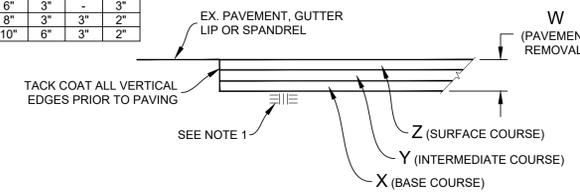
NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



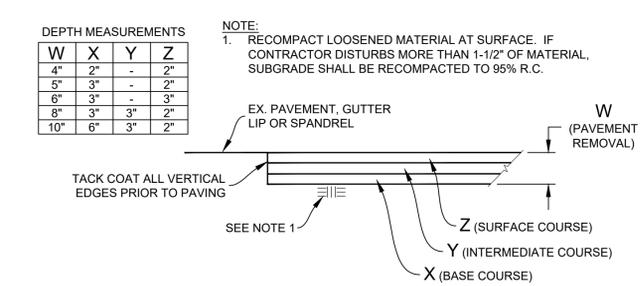
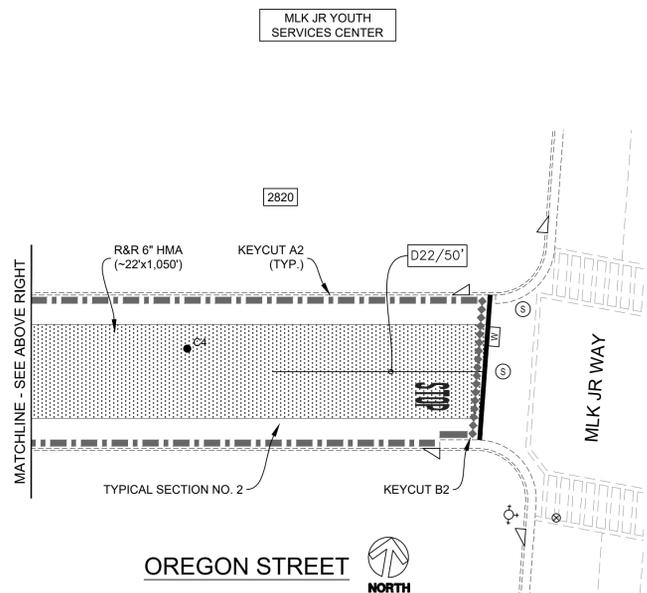
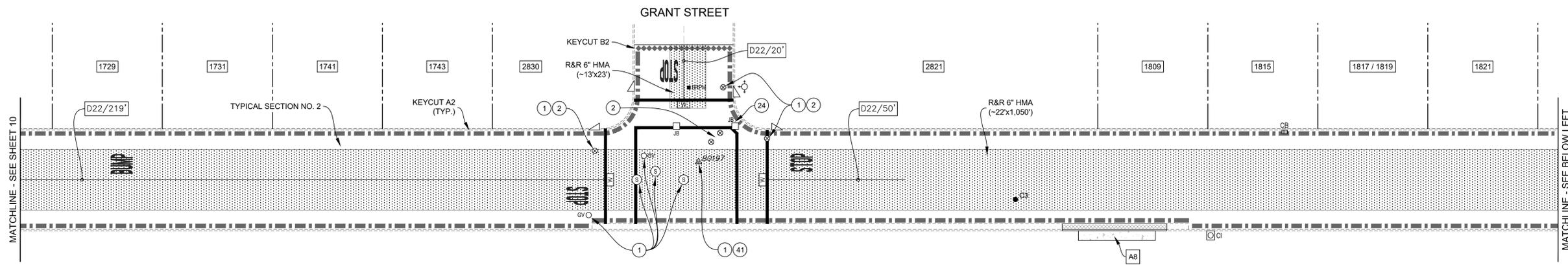
BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	4-1/2"	10	12	N
C2	3-1/4"	5	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

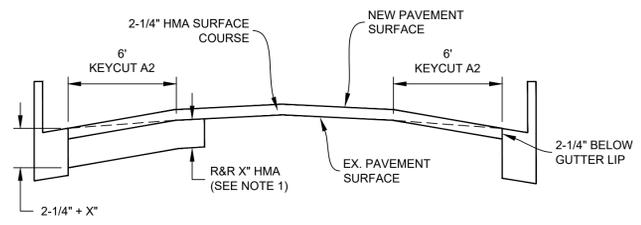


PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT OREGON STREET CALIFORNIA STREET TO MLK JR WAY	PLAN 8284
DATE _____	DATE _____	DATE _____	DRAWN: EN	VERT. N/A			FILE 501-641
DATE _____	DATE _____	DATE _____	CHECK: MW, JK	BOOK _____			
DATE _____	DATE _____	DATE _____	AS BUILT _____	DATE 02/12/25			SHEET 10 OF 53

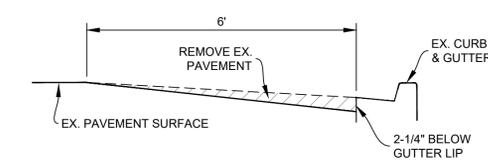


REMOVE & REPLACE HMA (VARIOUS DEPTHS) NTS

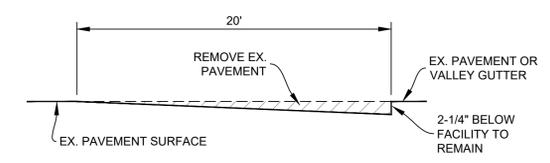
NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



TYPICAL SECTION NO. 2 NTS



KEYCUT A2 (LONGITUDINAL KEYCUT) NTS



KEYCUT B2 (TRANSVERSE KEYCUT) NTS

CONSTRUCTION NOTES:

- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- ②4 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
- ④1 SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).

BORING LOG

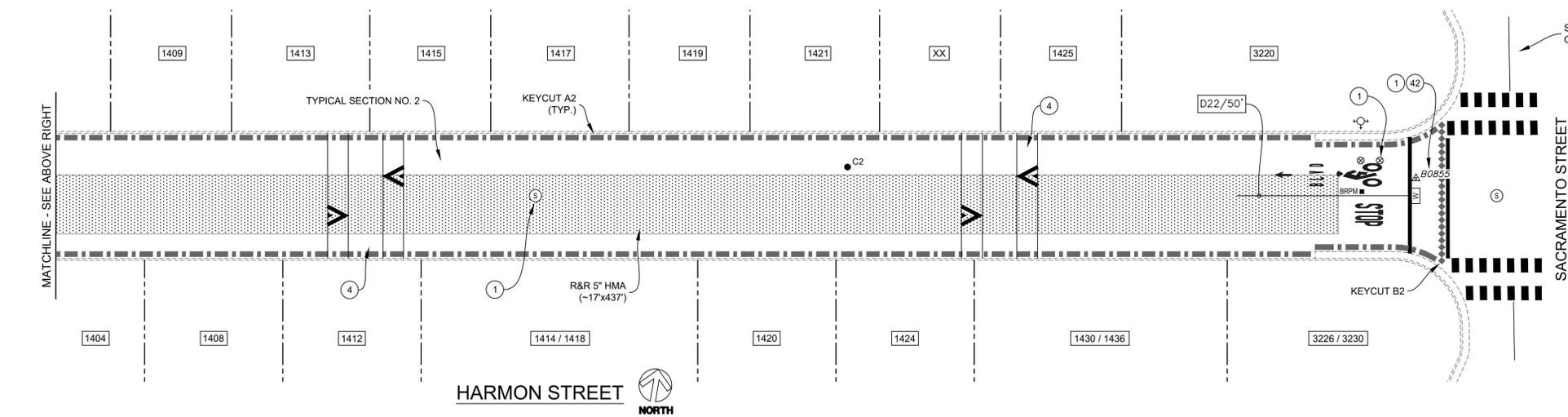
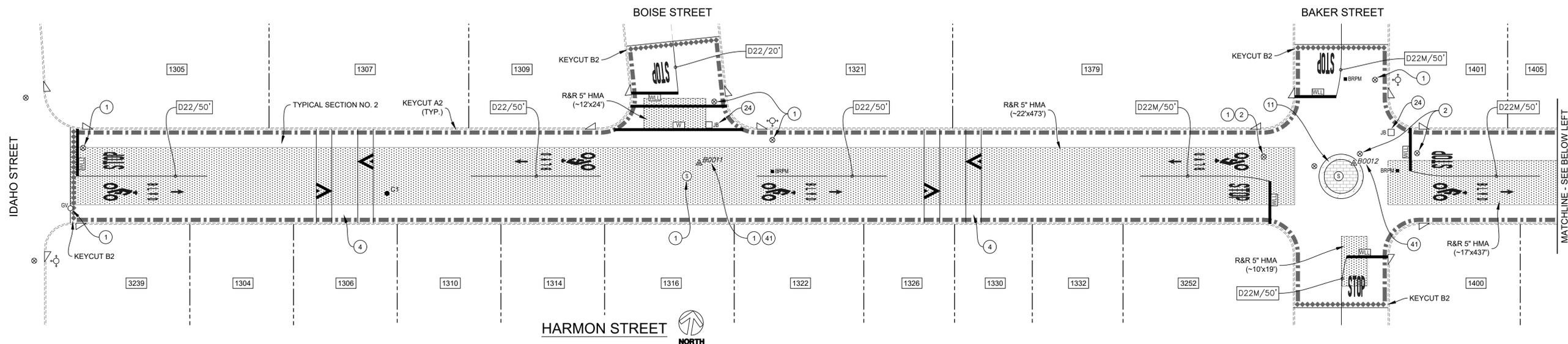
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C3	2-1/2"	4-1/2"	12	N
C4	2-1/2"	5-1/2"	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

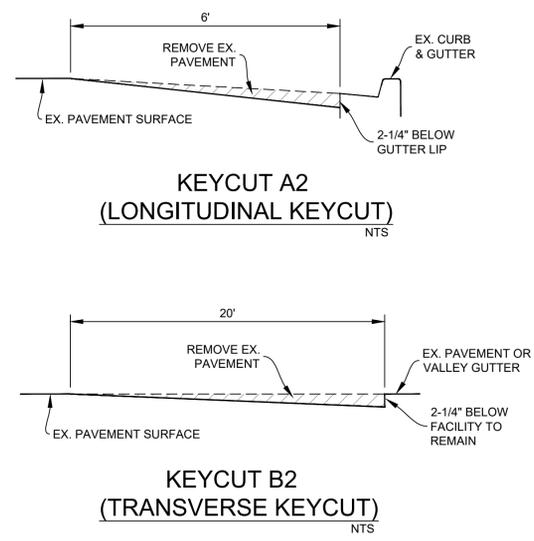
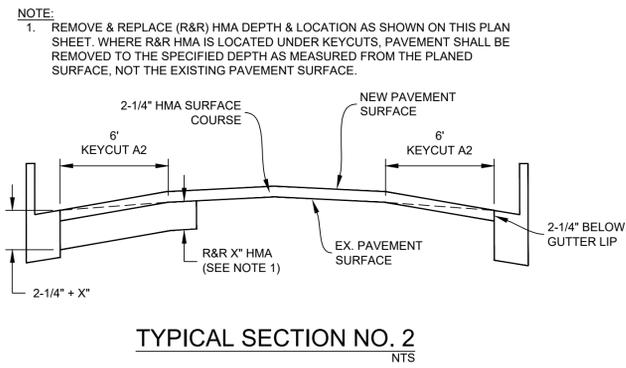


PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT OREGON STREET CALIFORNIA STREET TO MLK JR WAY	PLAN 8284
DATE _____	DATE _____	DATE _____	DRAWN: EN	VERT. N/A			FILE 501-641
DATE _____	DATE _____	DATE _____	CHECK: MW, JK	BOOK _____			
DATE _____	DATE _____	DATE _____	AS BUILT _____	DATE 02/12/25			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

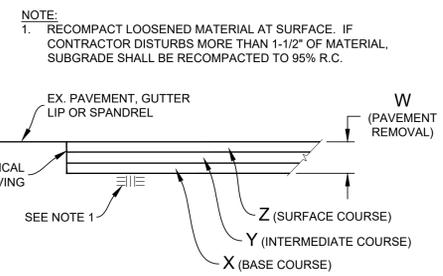


- CONSTRUCTION NOTES:**
- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - ④ CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
 - ⑪ CONSTRUCT TRAFFIC CIRCLE. SEE ENLARGEMENT ON SHEET 46.
 - ⑳ UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - ④① SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - ④② SURVEY MONUMENT; PROTECT IN PLACE.



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	3"	3"
8"	3"	3"	2"
10"	6"	3"	2"



BORING LOG

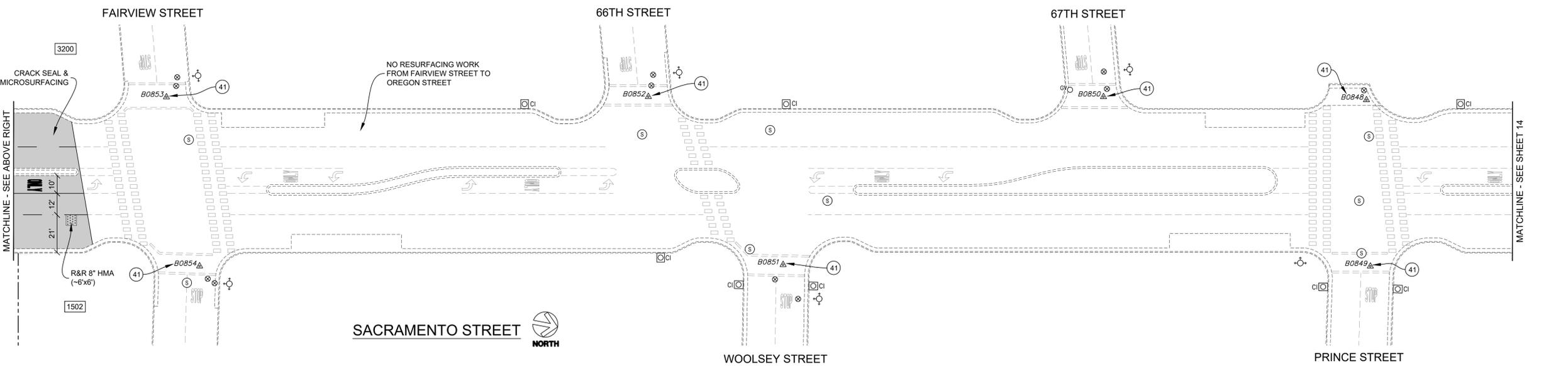
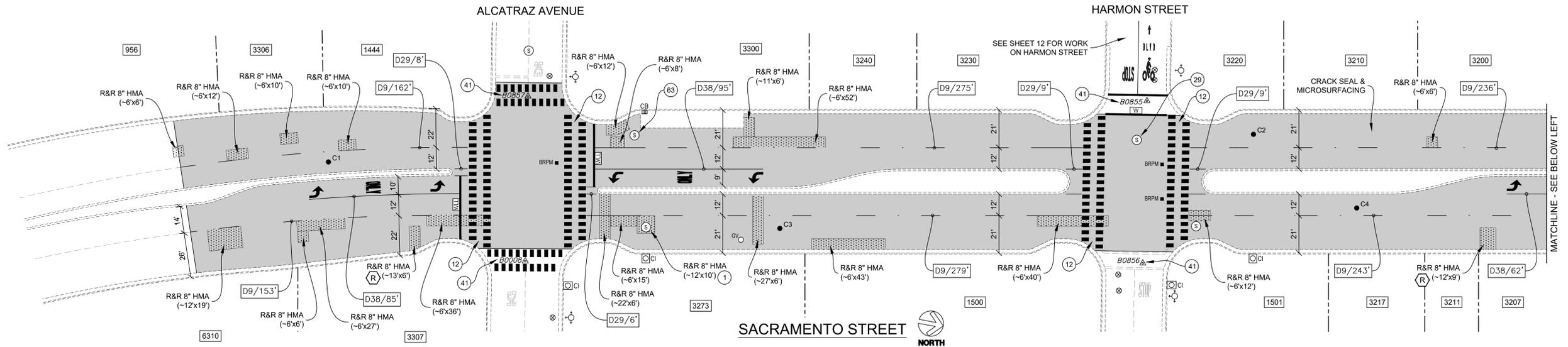
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	3-1/2"	5-1/2"	12	Y
C2	4-1/2"	10"	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN _____ DATE _____	HORIZ. 1"=20' _____	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	<p>FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT HARMON STREET IDAHO STREET TO SACRAMENTO STREET</p>	PLAN 8284
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK _____ DATE _____	VERT. N/A _____	FILE 501-641			
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	CITY ENGINEER: _____	AS BUILT _____	BOOK _____	DATE 02/12/25			REVISION _____
							MARK _____

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - ⑫ REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
 - ⑲ REMOVE & REPLACE HMA AROUND UTILITY COVER.
 - ④① SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - ⑥③ REMOVE AC FROM UTILITY COVER.

BORING LOG

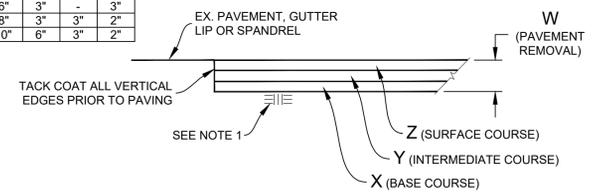
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	7"	-	-	N
C2	8"	-	-	N
C3	7"	-	-	N
C4	7"	-	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENEED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS



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

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

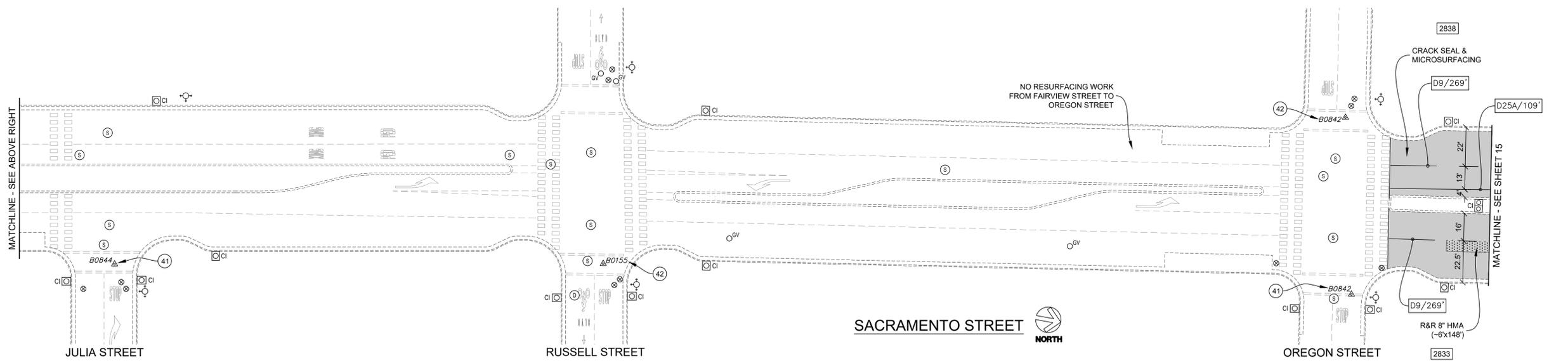
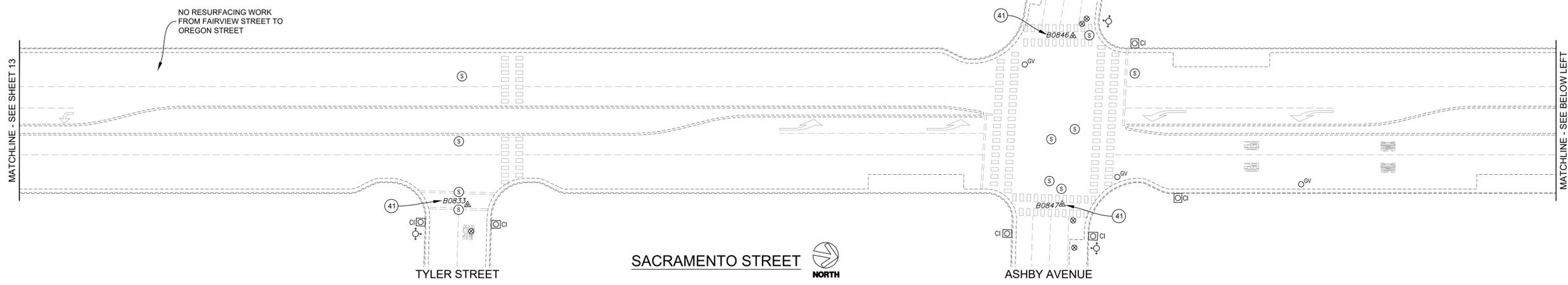
DESIGN JK, EN
 DRAWN EN
 CHECK MW, JK
 AS BUILT _____

HORIZ. 1"=30'
 VERT. N/A
 BOOK _____
 DATE 02/12/25



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 SACRAMENTO STREET
 SOUTH CITY LIMIT TO UNIVERSITY AVENUE

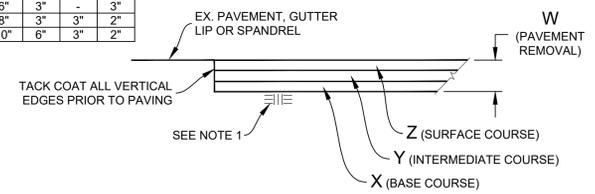
REVISION	MARK	DATE	APPROVAL



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENEED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

- CONSTRUCTION NOTES:**
- 41 SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - 42 SURVEY MONUMENT; PROTECT IN PLACE.



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

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

DESIGN JK, EN _____ DATE _____
 DRAWN EN _____
 CHECK MW, JK _____
 AS BUILT _____

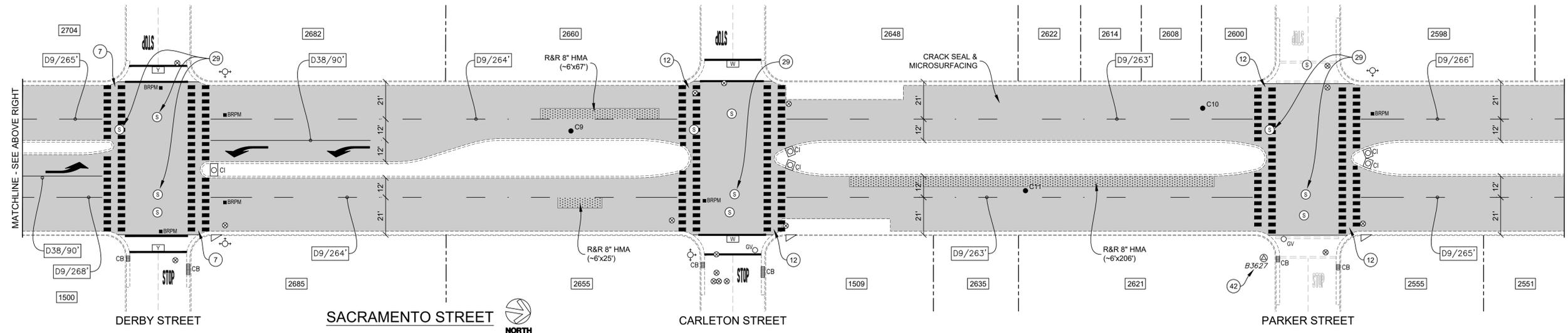
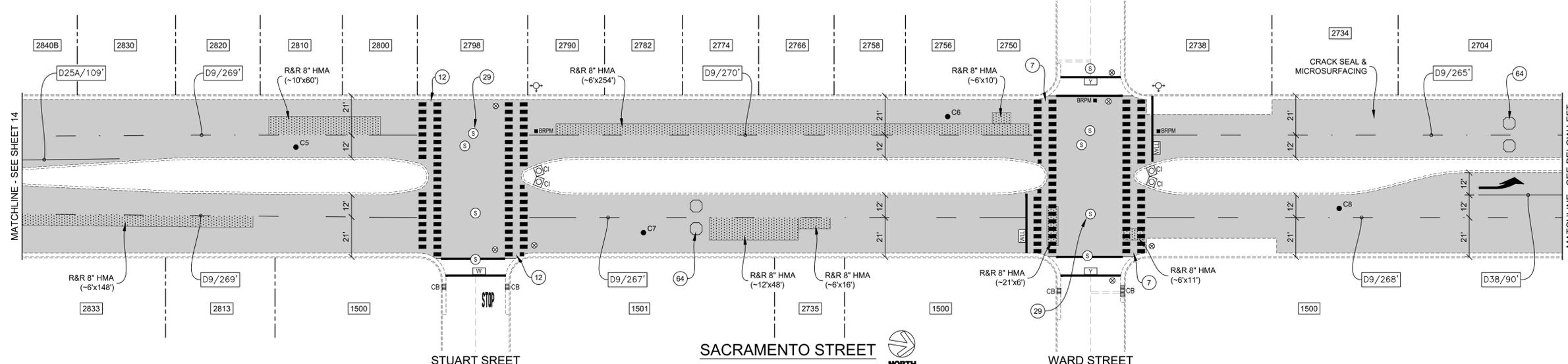
HORIZ. 1"=30'
 VERT. N/A
 BOOK _____
 DATE 02/12/25



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 SACRAMENTO STREET
 SOUTH CITY LIMIT TO UNIVERSITY AVENUE

REVISION	MARK	DATE	APPROVAL

PLAN 8284
 FILE 501-641
 SHEET 14 OF 53



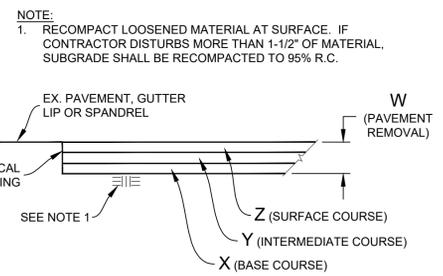
- CONSTRUCTION NOTES:**
- 7 REMOVE & REPLACE YELLOW TRIPLE FOUR CROSSWALK (THERMO), TYP.
 - 12 REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
 - 29 REMOVE & REPLACE HMA AROUND UTILITY COVER.
 - 42 SURVEY MONUMENT; PROTECT IN PLACE.
 - 64 DETECTOR LOOPS; PROTECT IN PLACE.

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C5	7-1/2"	-	-	N
C6	6-1/2"	-	-	N
C7	7"	-	-	N
C8	7"	-	-	N
C9	7"	-	-	N
C10	7-1/2"	-	-	N
C11	6-3/4"	-	-	N

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS



PROJECT MANAGER: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____

SURVEY CHIEF OF PARTY: _____

WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____

SUPERVISING CIVIL ENGINEER: _____ EXP. _____

APPROVED: _____ DATE _____

CITY ENGINEER: _____ R.C.E. _____ EXP. _____

DESIGN JK, EN _____

DRAWN EN _____

CHECK MW, JK _____

AS BUILT _____

HORIZ. 1"=30'

VERT. N/A

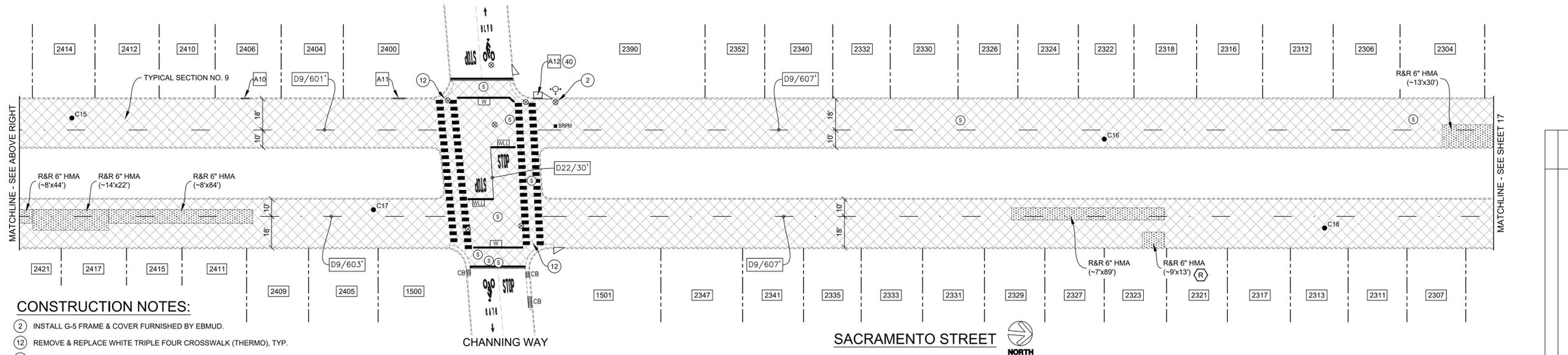
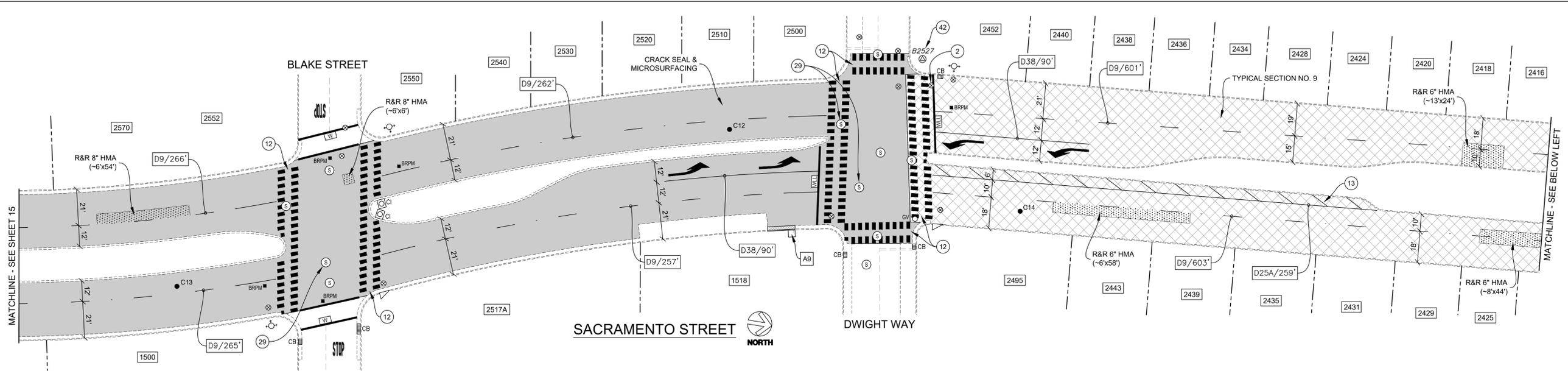
BOOK _____

DATE 02/12/25



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
SACRAMENTO STREET
SOUTH CITY LIMIT TO UNIVERSITY AVENUE

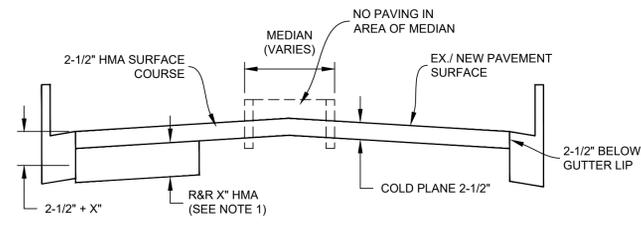
REVISION	MARK	DATE	APPROVAL



- CONSTRUCTION NOTES:**
- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - ⑫ REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
 - ⑬ 6" YELLOW LINE (THERMO), SPACED AT 20' ON CENTER.
 - ⑲ REMOVE & REPLACE HMA AROUND UTILITY COVER.
 - ④① REMOVE & REPLACE CROSS DRAIN COVER.
 - ④② SURVEY MONUMENT; PROTECT IN PLACE.

- MISCELLANEOUS NOTES:**
- 1. LOWER ALL UTILITY COVERS WITHIN TYPICAL SECTION NO. 9 LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

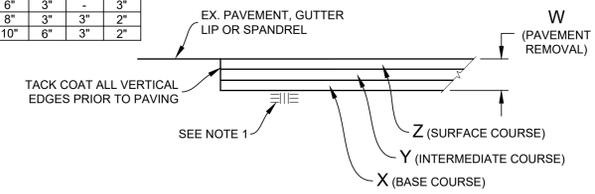


TYPICAL SECTION NO. 9
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

BORING LOG

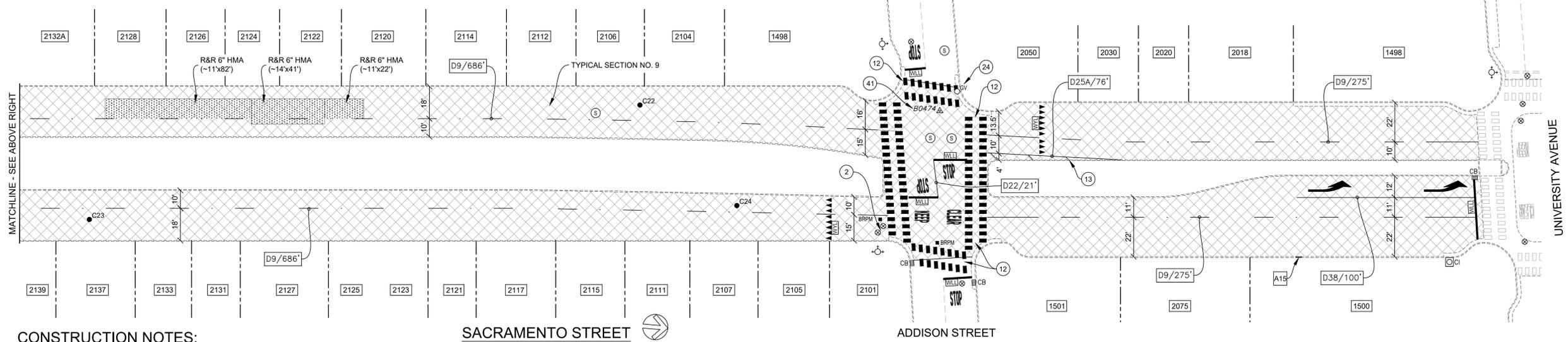
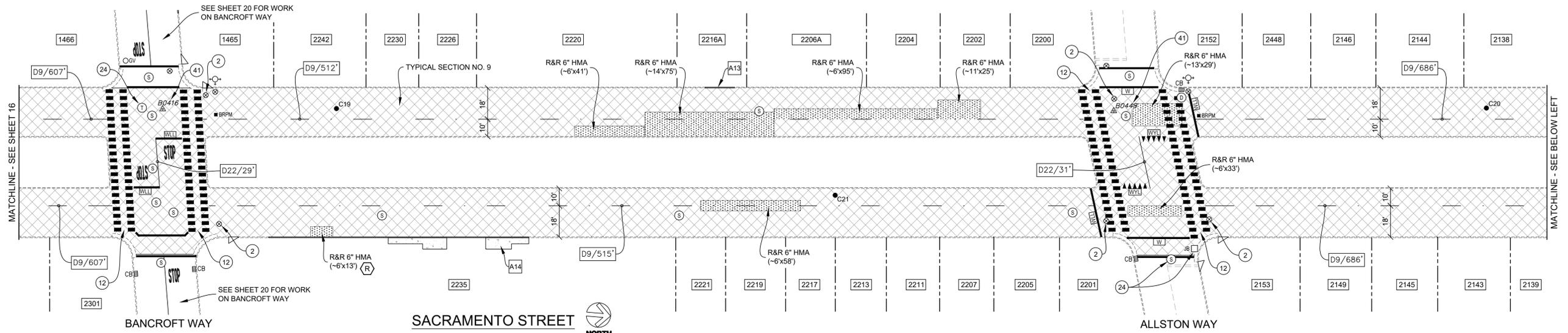
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C12	7-3/4"	-	-	N
C13	7"	-	-	N
C14	5-1/2"	-	-	N
C15	7-3/4"	-	-	N
C16	5"	-	-	N
C17	6"	-	-	Y
C18	5"	-	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____ DATE _____	DESIGN JK, EN	HORIZ. 1"=30'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.281.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT SACRAMENTO STREET SOUTH CITY LIMIT TO UNIVERSITY AVENUE	PLAN 8284
SURVEY CHIEF OF PARTY _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	R.C.E. _____ DATE _____	DRAWN EN	VERT. N/A			FILE 501-641
CITY ENGINEER _____ DATE _____	APPROVED: _____ DATE _____	CHECK MW, JK	AS BUILT _____ DATE _____	BOOK _____	DATE 02/12/25			SHEET 16 OF 53
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES								

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- ⑫ REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
- ⑬ 6\"/>

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

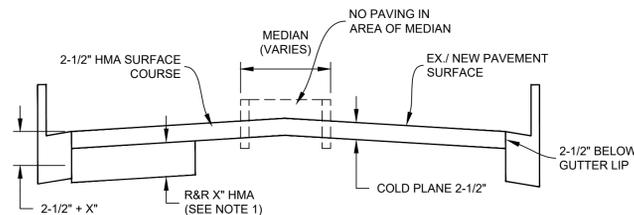
BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C19	6"	-	-	N
C20	5"	-	-	N
C21	7"	-	-	N
C22	5-1/2"	-	-	N
C23	5"	-	-	N
C24	5-1/2"	-	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

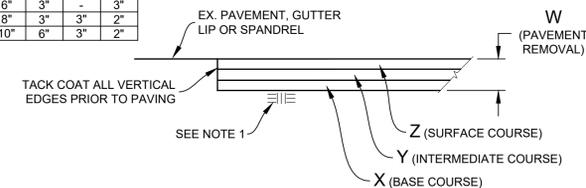


TYPICAL SECTION NO. 9
NTS

DEPTH MEASUREMENTS

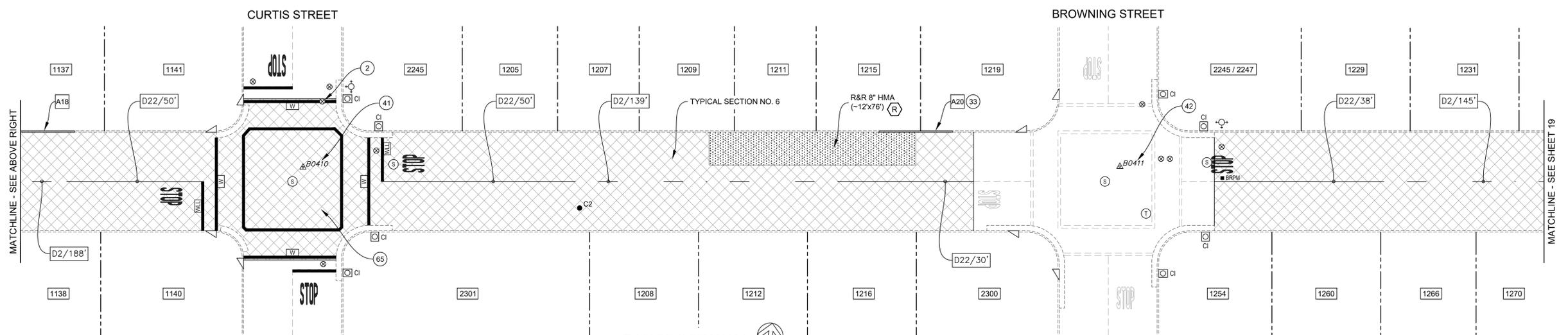
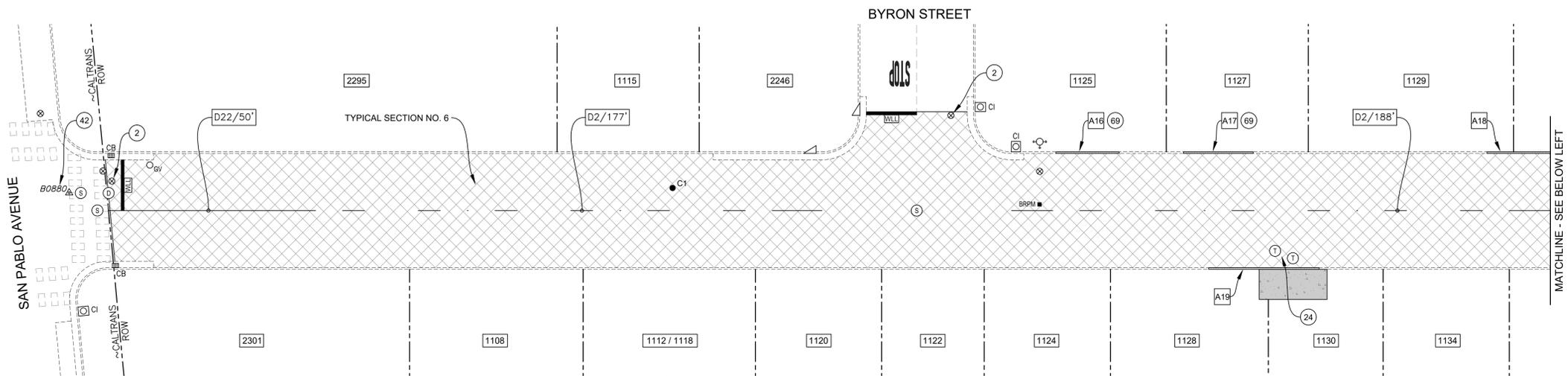
W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2\"/>



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

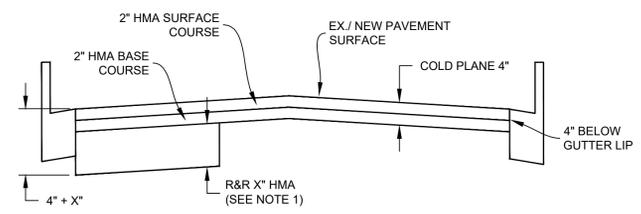
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN JK, EN	HORIZ. 1"=30'	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT	PLAN 8284
SURVEY CHIEF OF PARTY _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER _____	EXP. _____	DRAWN EN	VERT. N/A		SACRAMENTO STREET	FILE 501-641
CITY ENGINEER _____	DATE _____	APPROVED: _____	R.C.E. _____	CHECK MW, JK	BOOK _____		SOUTH CITY LIMIT TO UNIVERSITY AVENUE	SHEET 17 OF 53
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	DATE _____	AS BUILT _____	EXP. _____	DATE 02/12/25				



- CONSTRUCTION NOTES:**
- (2) INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - (24) UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - (33) CONSTRUCT CURB OR CURB & GUTTER BULB OUT AT TREE PER CONSTRUCTION DETAIL.
 - (41) SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - (42) SURVEY MONUMENT; PROTECT IN PLACE.
 - (65) INCREASE BASE COURSE THICKNESS WITHIN TRAVEL LANES FROM 2" TO 3" TO RESTORE ROADWAY CROWN (TOTAL AREA ~200'x36'). BASE COURSE SHALL BE TAPERED FROM 3" TO 2" OVER WIDTH OF PARKING LANE. COORDINATE LIMITS WITH ENGINEER PRIOR TO PAVING.
 - (69) TREE REMOVAL.

- MISCELLANEOUS NOTES:**
- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

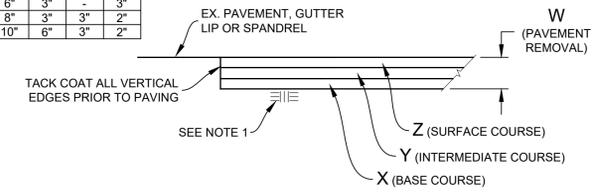


TYPICAL SECTION NO. 6
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA
(VARIOUS DEPTHS)
NTS

BORING LOG

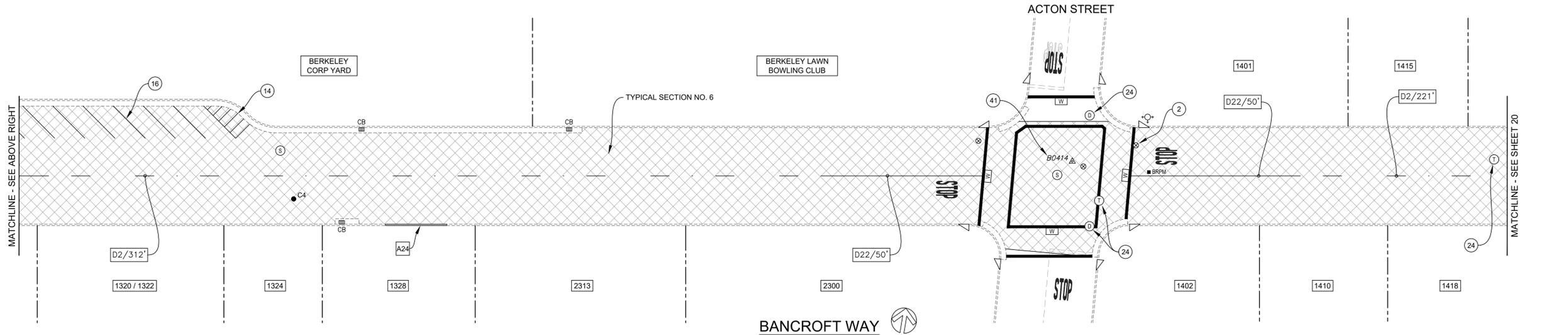
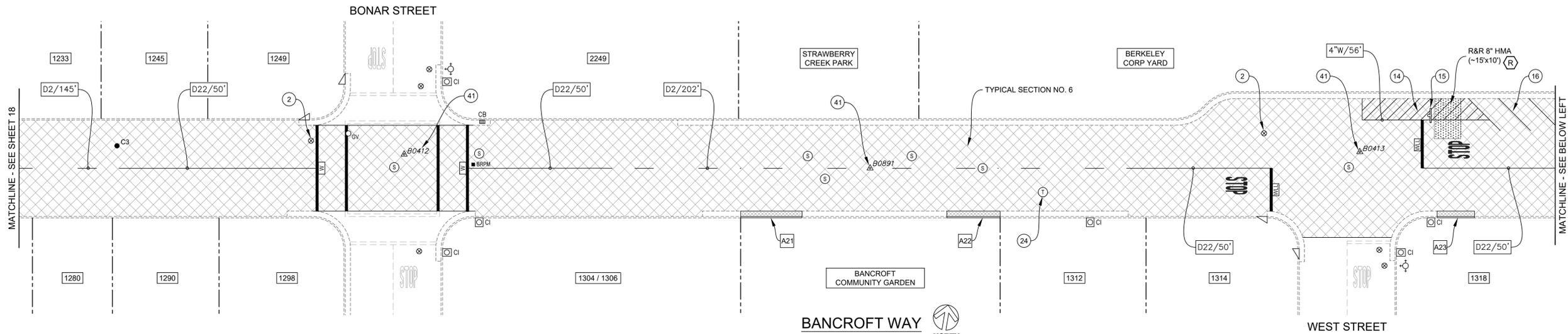
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	11-1/2"	0"	-	N
C2	12"	2"	9	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT BANCROFT WAY SAN PABLO AVENUE TO MARTIN LUTHER KING JR WAY	PLAN 8284
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: EN	VERT. N/A			FILE 501-641
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK	BOOK _____			
		CITY ENGINEER: _____ DATE _____	AS BUILT _____	DATE 02/12/25			

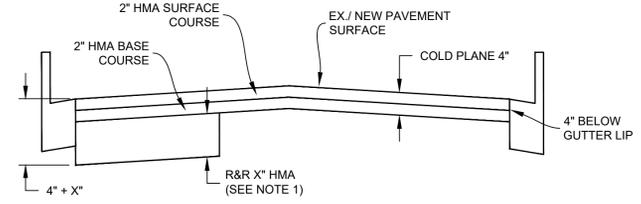
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- (2) INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - (14) 4" WHITE LINE (THERMO), SPACED AT 4' ON CENTER.
 - (15) SALVAGE ROADSIDE SIGN & POST. REMOVE POST SLEEVE PRIOR TO & REPLACE AFTER RESURFACING. REINSTALL SALVAGED ROADSIDE SIGN & POST.
 - (16) 4" WHITE LINE (THERMO). TYP. PARKING STALLS SHALL BE 8' WIDE & AT AN ANGLE OF 45 DEGREES.
 - (24) UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - (41) SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).

- MISCELLANEOUS NOTES:**
- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

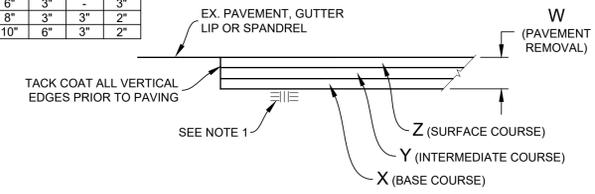


TYPICAL SECTION NO. 6
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA
(VARIOUS DEPTHS)
NTS

BORING LOG

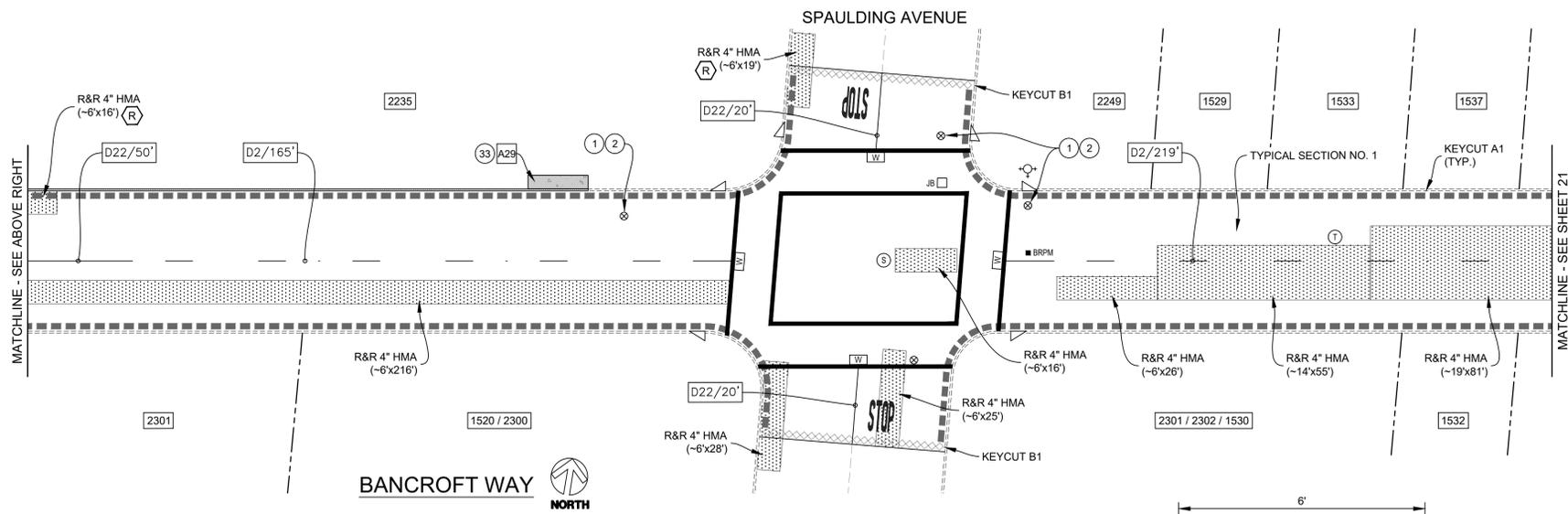
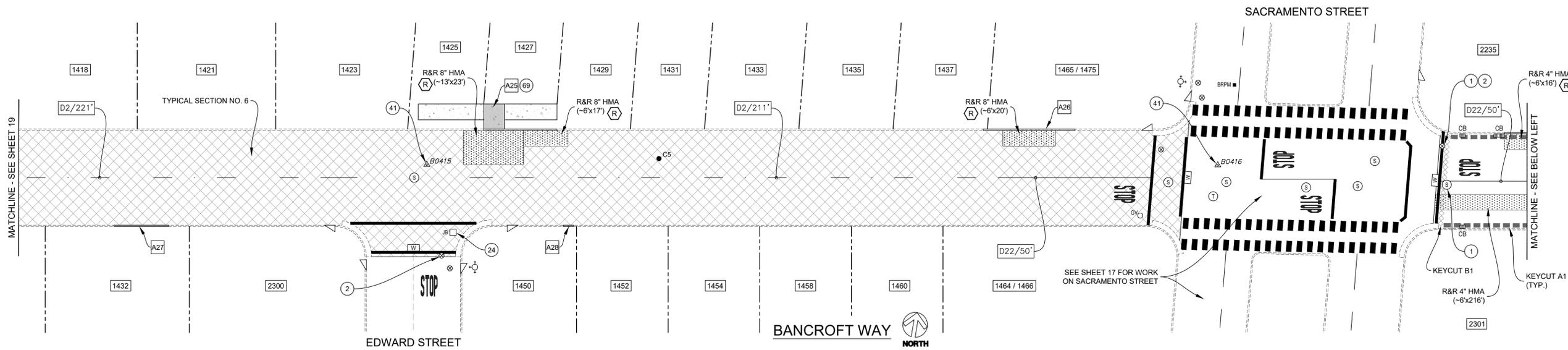
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C3	11"	0"	9	N
C4	12-1/2"	0"	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.281.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT BANCROFT WAY SAN PABLO AVENUE TO MARTIN LUTHER KING JR WAY	PLAN 8284
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CITY ENGINEER _____	AS BUILT _____	CHECK MW, JK	VERT. N/A			FILE 501-641
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES		DATE _____	DATE _____	DATE _____	BOOK _____			REVISION _____
		DATE _____	DATE _____	DATE _____	DATE 02/12/25			MARK _____

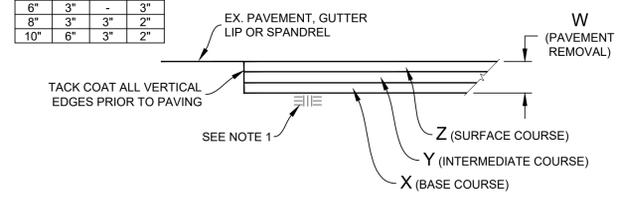
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



DEPTH MEASUREMENTS

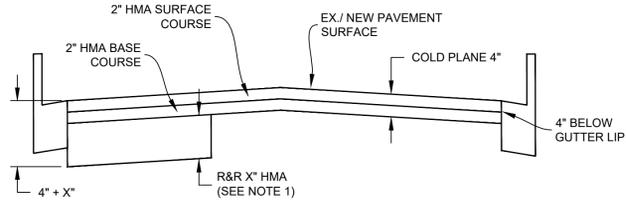
W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

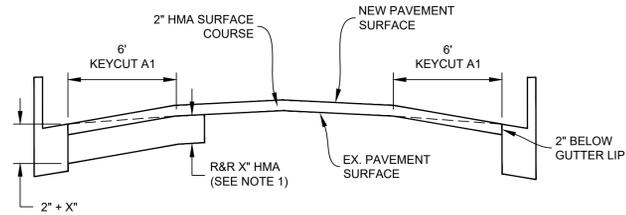
NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



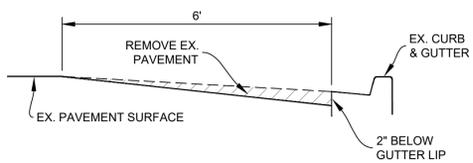
TYPICAL SECTION NO. 6
NTS

- CONSTRUCTION NOTES:**
- LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - CONSTRUCT CURB OR CURB & GUTTER BULB OUT AT TREE PER CONSTRUCTION DETAIL.
 - SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - TREE REMOVAL.

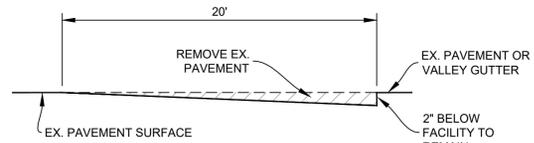
NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



TYPICAL SECTION NO. 1
NTS



KEYCUT A1 (LONGITUDINAL KEYCUT)
NTS



KEYCUT B1 (TRANSVERSE KEYCUT)
NTS

- MISCELLANEOUS NOTES:**
- LOWER ALL UTILITY COVERS WITHIN LIMITS OF TYPICAL SECTION NO. 6 PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C5	10"	6"	12	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



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

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

DESIGN JK, EN _____ DATE _____
 DRAWN EN _____ DATE _____
 CHECK MW, JK _____ DATE _____
 AS BUILT _____ DATE _____

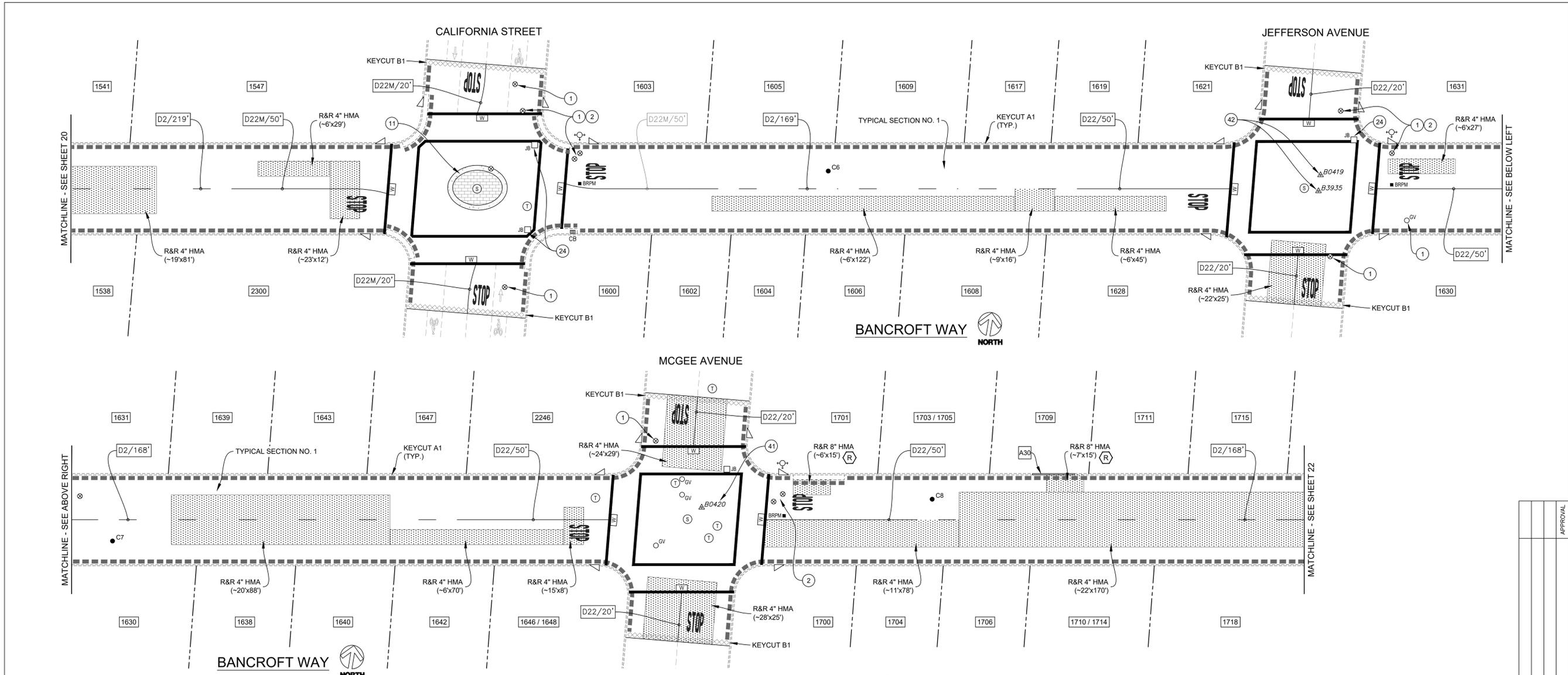
HORIZ. 1"=20' _____
 VERT. N/A _____
 BOOK _____
 DATE 02/12/25 _____



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 BANCROFT WAY
 SAN PABLO AVENUE TO MARTIN LUTHER KING JR WAY

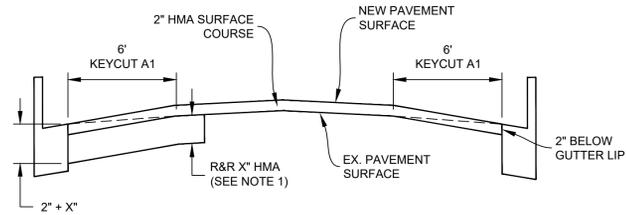
PLAN 8284
 FILE 501-641
 SHEET 20 OF 53

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

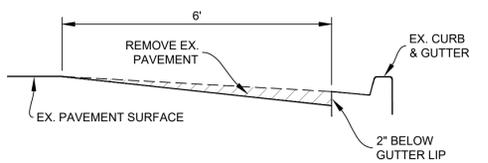


- CONSTRUCTION NOTES:**
- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - ⑪ CONSTRUCT TRAFFIC CIRCLE. SEE ENLARGEMENT ON SHEET 46.
 - ⑲ UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - ⑳ SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - ㉔ SURVEY MONUMENT; PROTECT IN PLACE.

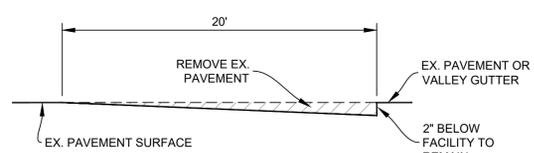
NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



TYPICAL SECTION NO. 1
 NTS



KEYCUT A1 (LONGITUDINAL KEYCUT)
 NTS

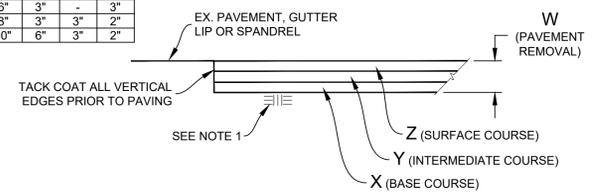


KEYCUT B1 (TRANSVERSE KEYCUT)
 NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
 NTS

BORING LOG

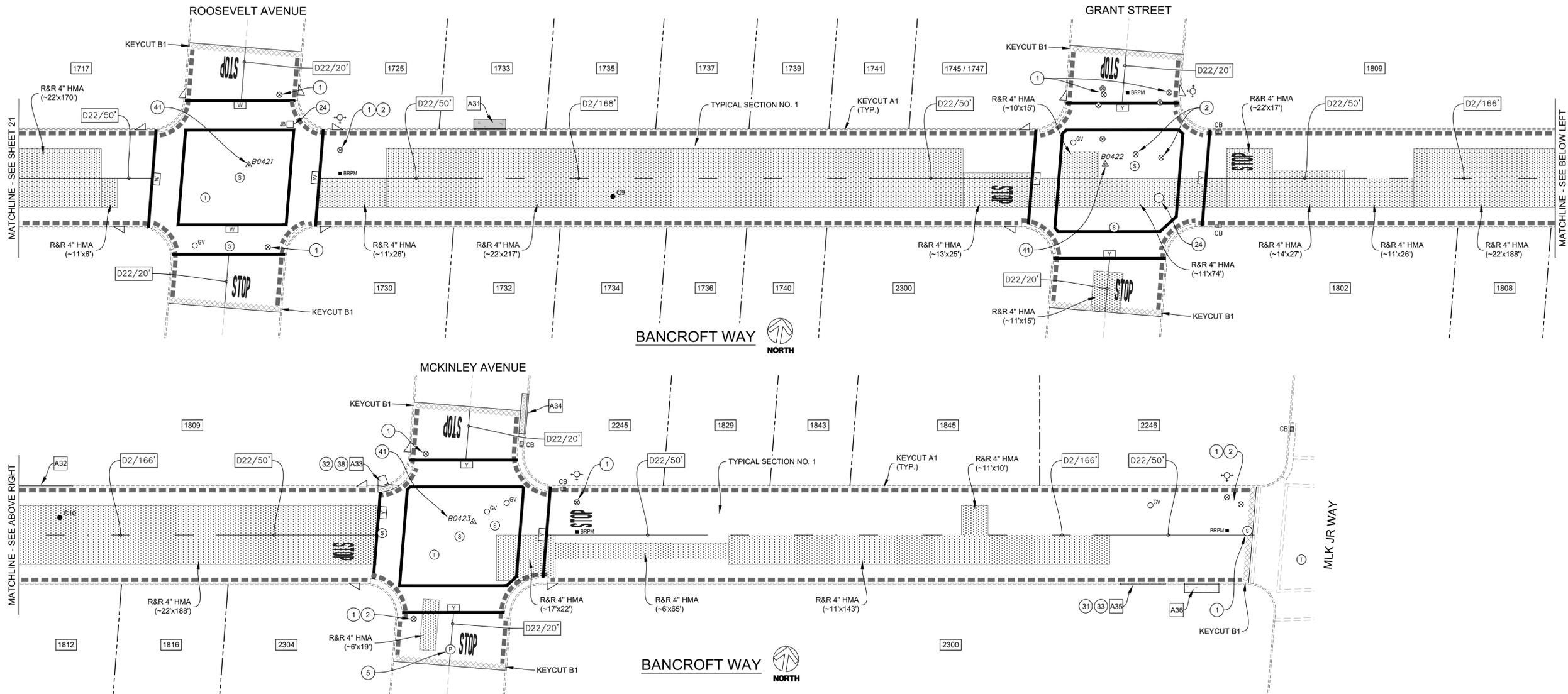
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C6	4"	5-1/2"	11	N
C7	3-1/2"	4"	9	N
C8	3-1/2"	6-1/2"	-	N

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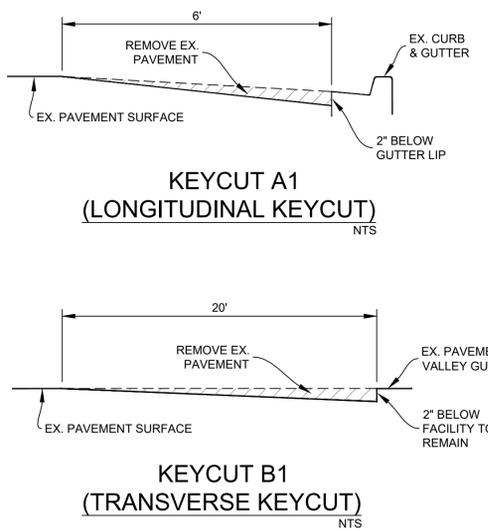
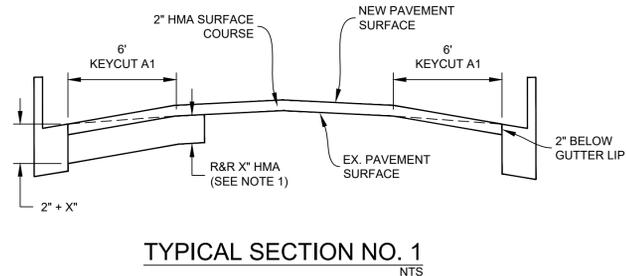
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT	PLAN 8284
SURVEY CHIEF OF PARTY: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: EN	VERT. N/A		SAN PABLO AVENUE TO MARTIN LUTHER KING JR WAY	FILE 501-641
CITY ENGINEER: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK	AS BUILT	BOOK _____		SHEET 21 OF 53	
		DATE _____	DATE _____	DATE _____			
		EXP. _____	EXP. _____	EXP. _____			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



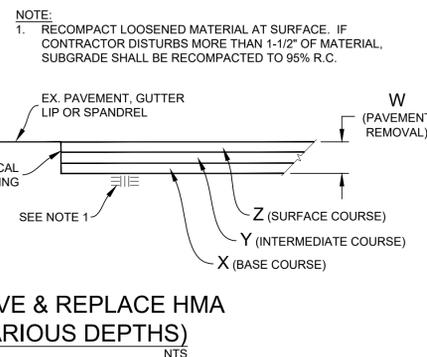
- CONSTRUCTION NOTES:**
- LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - SALVAGE CONCRETE PLANTER (1 EA) PRIOR TO & INSTALL SALVAGED CONCRETE PLANTER (1 EA) AFTER RESURFACING.
 - UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - REMOVE & REPLACE CURB DRAIN (-5 LF) PER CITY PLAN NO. 8154. INVERT ELEVATION SHALL MATCH FINISHED GRADE OF ADJACENT PAVEMENT SURFACE.
 - SAWCUT AT CONTROL JOINT ADJACENT TO TRUNCATED DOMES & PROTECT IN PLACE CURB RAMP LANDING & RAMPING SURFACE.
 - CONSTRUCT CURB OR CURB & GUTTER BULB OUT AT TREE PER CONSTRUCTION DETAIL.
 - DOWEL INTO EX. GUTTER PAN TO REMAIN. DOWELS SHALL BE #4 BARS, 12" SPACING O.C. & PLACED IN 3/4" DIAMETER DRILLED HOLES WITH 1:1 SAND CEMENT GROUT.
 - SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"



BORING LOG

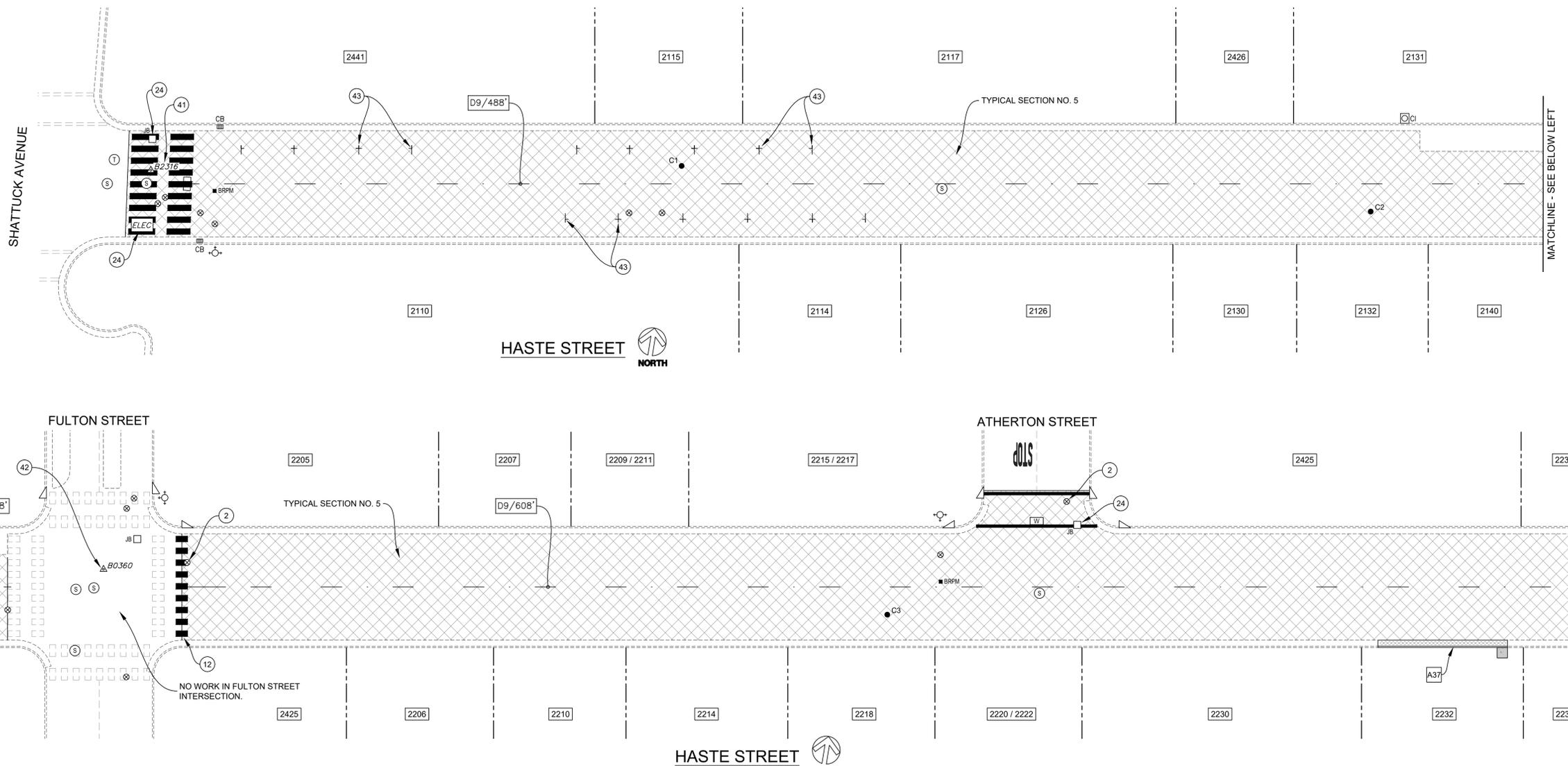
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C9	3"	5"	11	N
C10	3-1/2"	4-1/2"	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT BANCROFT WAY SAN PABLO AVENUE TO MARTIN LUTHER KING JR WAY	PLAN 8284
SURVEY CHIEF OF PARTY: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	DRAWN: EN	VERT. N/A			FILE 501-641
CITY ENGINEER: _____ DATE _____	AS BUILT: _____ DATE _____	DATE 02/12/25	CHECK: MW, JK	BOOK _____			SHEET 22 OF 53

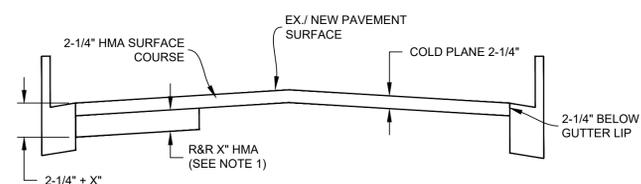
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- (2) INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - (12) REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), ONE ROW OF FOUR (4) FOOT LONG BARS ONLY.
 - (24) UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - (41) SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - (42) SURVEY MONUMENT; PROTECT IN PLACE.
 - (43) INSTALL PAVEMENT MARKING "L" & "T" PARKING STALL SYMBOLS (THERMO) PER CONSTRUCT DETAIL.

- MISCELLANEOUS NOTES:**
1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET WHERE R&R HMA IS LOCATED UNDER COLD PLANE. PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



BORING LOG

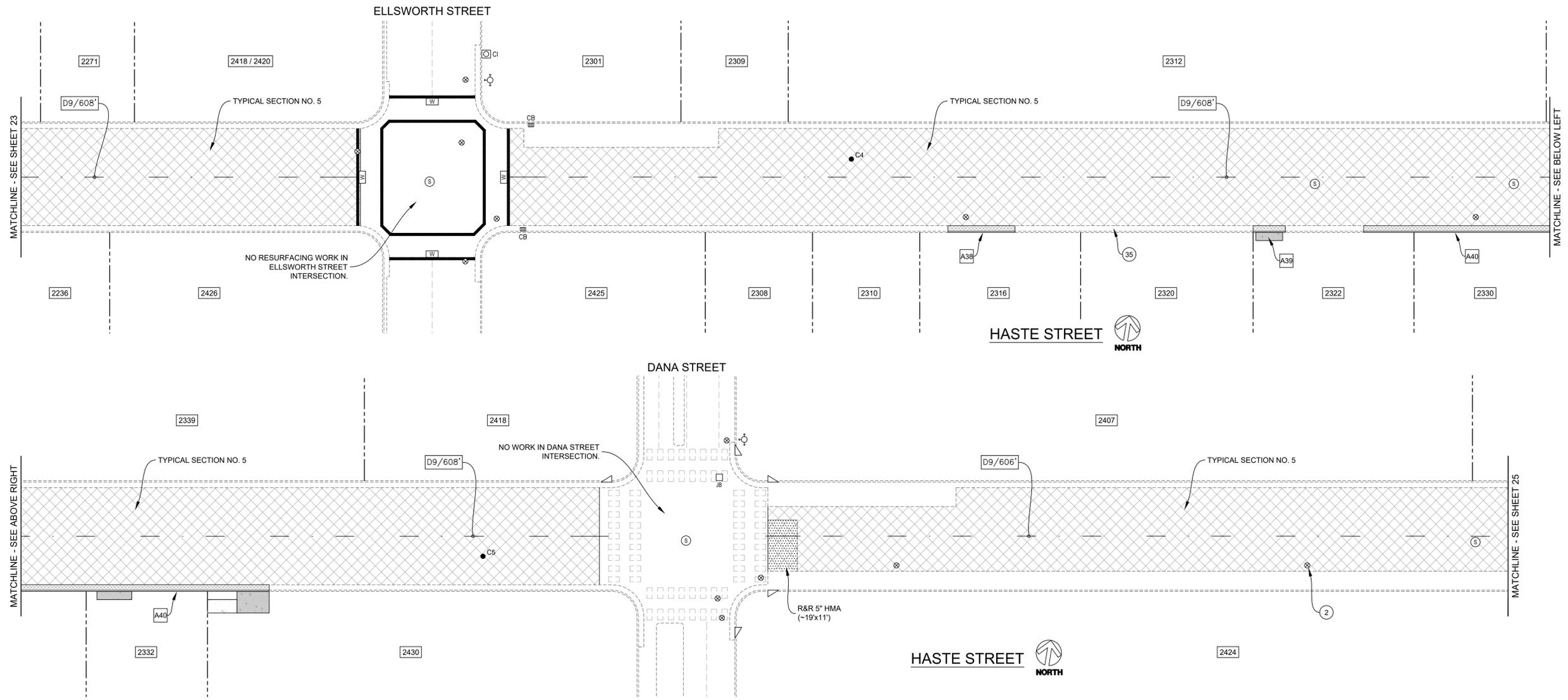
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	5"	15"	-	Y
C2	6-1/2"	16"	8	Y
C3	5-1/2"	16"	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT HASTE STREET SHATTUCK AVENUE TO PIEDMONT AVENUE	PLAN 8284
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: EN	VERT. N/A			FILE 501-641
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK	BOOK _____			
		CITY ENGINEER: _____ DATE _____	AS BUILT _____	DATE 02/12/25			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- ③5 REMOVE AC FILL FROM GUTTER PAN (2320 HASTE STREET).

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:

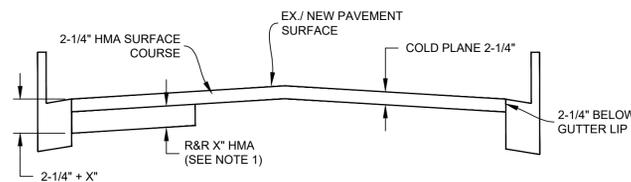
- 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

DEPTH MEASUREMENTS

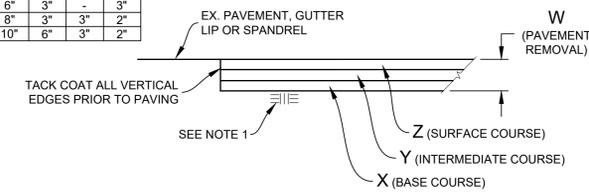
W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:

- 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



TYPICAL SECTION NO. 5
NTS



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

BORING LOG

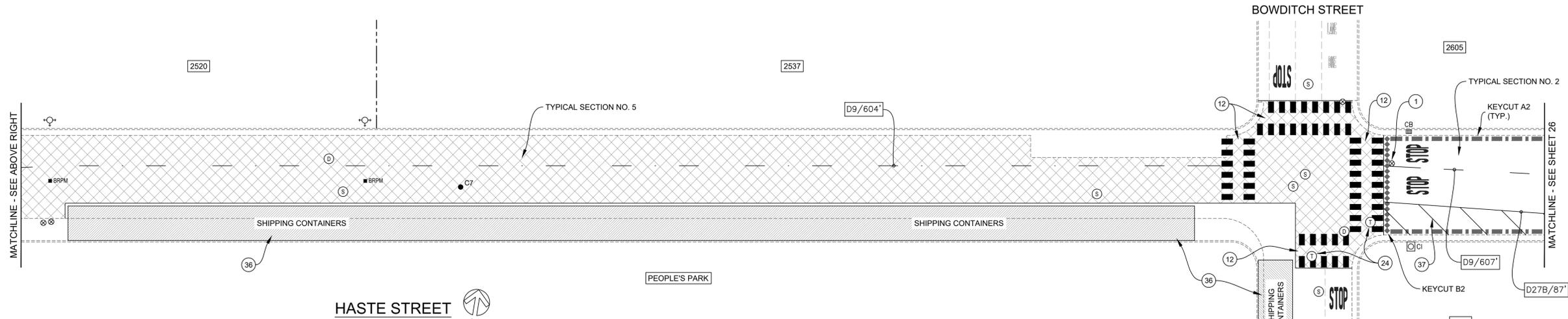
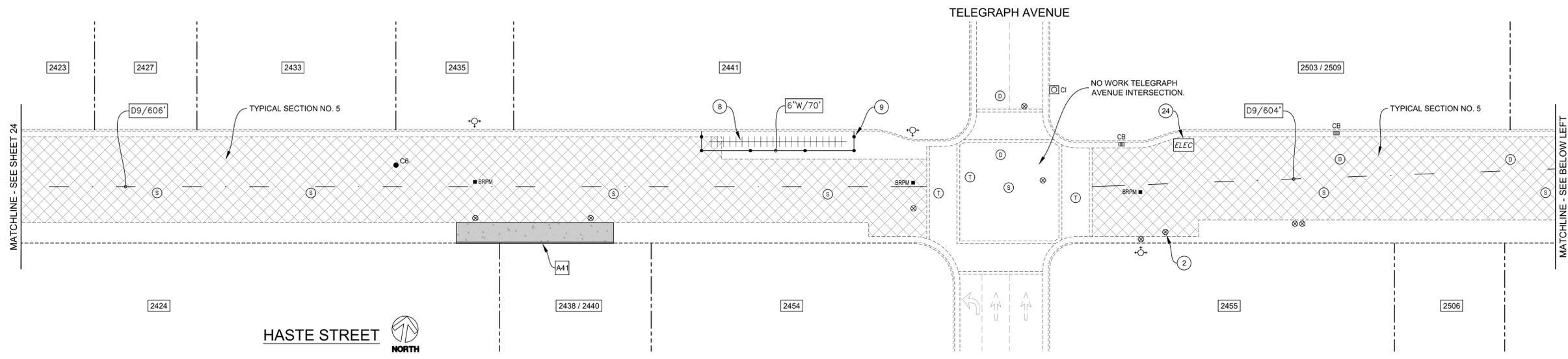
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C4	7"	14-1/2"	12	Y
C5	5-1/2"	15"	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN: JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT HASTE STREET SHATTUCK AVENUE TO PIEDMONT AVENUE	PLAN 8284
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	EXP. _____	DRAWN: EN	VERT. N/A			FILE 501-641
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	R.C.E. _____	CHECK: MW, JK	BOOK _____			
		CITY ENGINEER _____ DATE _____	EXP. _____	AS BUILT _____	DATE 02/12/25			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

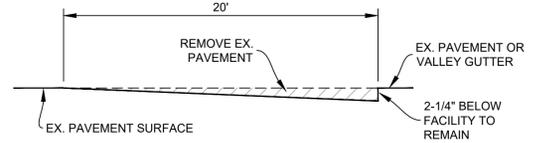
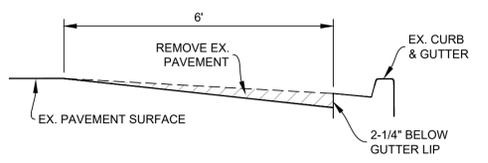
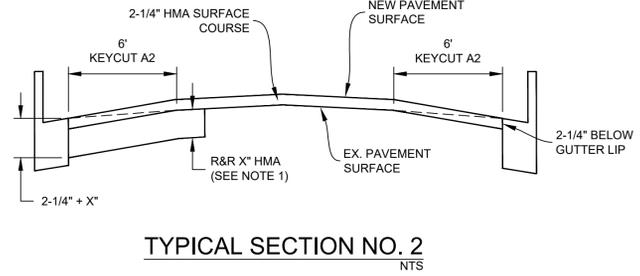
- 1 LOWER UTILITY COVER PRIOR TO COLD PLANE.
- 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- 8 BIKE CHARGING STATION, SALVAGE PRIOR TO & REPLACE AFTER RESURFACING. CONTRACTOR SHALL COORDINATE WORK WITH CITY.
- 9 REMOVE & REPLACE WHITE DELINEATOR (6 EA).
- 24 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
- 36 STORAGE CONTAINERS; PROTECT IN PLACE. MILL LIMITS SHALL BE -24" FROM FACE OF CONTAINERS, OR AS DIRECTED BY THE ENGINEER. COORDINATE ADJACENT WORK WITH THE CITY & UC BERKELEY PEOPLE'S PARK PROJECT.
- 37 6" WHITE LINE (THERMO), SPACED AT 10' ON CENTER.

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF TYPICAL SECTION NO. 5 PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

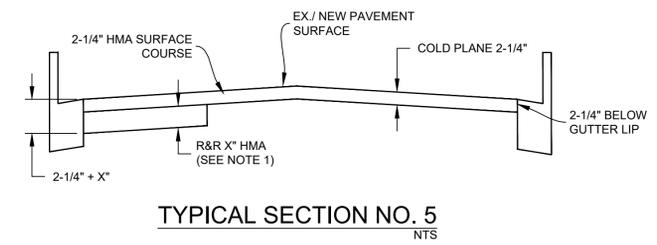
NOTE:

1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



NOTE:

1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



BORING LOG

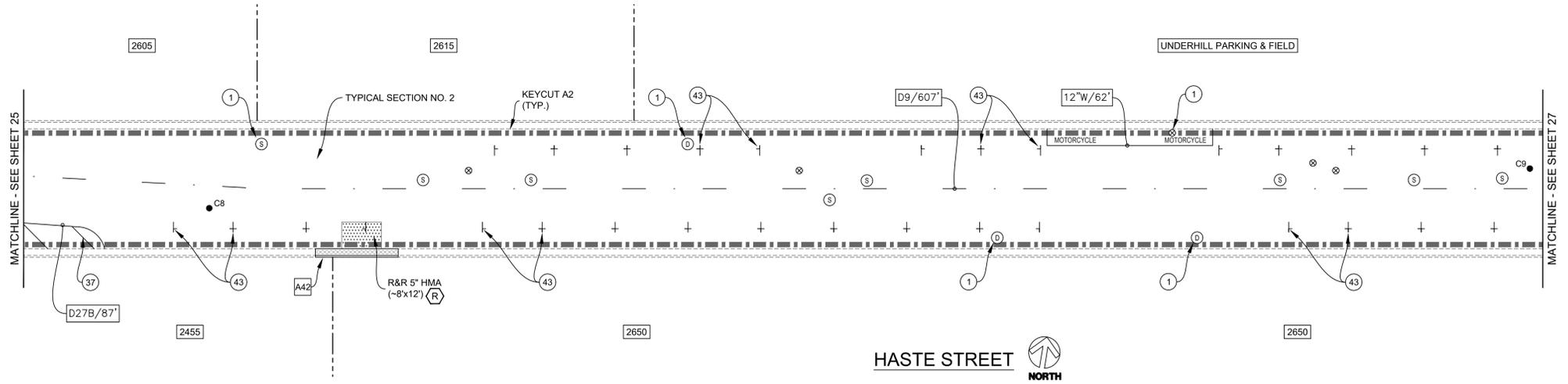
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C6	5"	21"	10	Y
C7	5-1/2"	20"	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



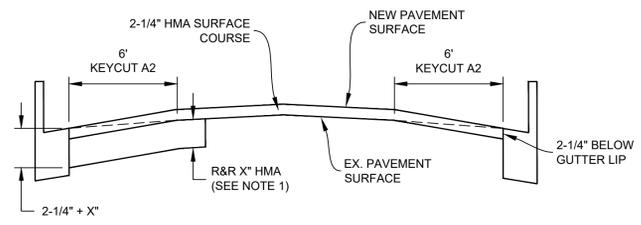
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____ DATE _____	HORIZ. 1"=20' _____	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	<p>FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT HASTE STREET SHATTUCK AVENUE TO PIEDMONT AVENUE</p>	PLAN 8284
SURVEY CHIEF OF PARTY _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK MW, JK _____ DATE _____	VERT. N/A _____			FILE 501-641
CITY ENGINEER _____ DATE _____	AS BUILT _____ DATE _____	DATE _____	DATE _____	BOOK _____			REVISION _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	DATE 02/12/25	DATE 02/12/25	DATE 02/12/25	DATE 02/12/25			MARK _____

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

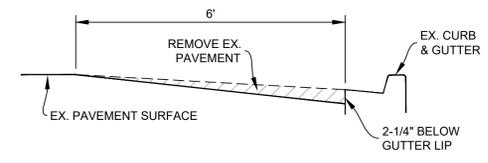


HASTE STREET
NORTH

NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



TYPICAL SECTION NO. 2
NTS

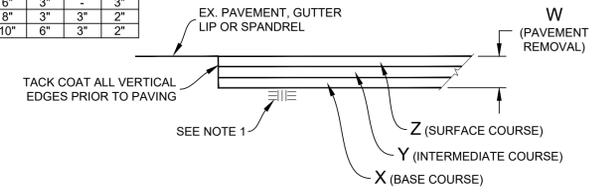


KEYCUT A2
(LONGITUDINAL KEYCUT)
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA
(VARIOUS DEPTHS)
NTS

CONSTRUCTION NOTES:

- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
- ③⑦ 6" WHITE LINE (THERMO), SPACED AT 10' ON CENTER.
- ④③ INSTALL PAVEMENT MARKING "L" & "T" PARKING STALL SYMBOLS (THERMO) PER CONSTRUCT DETAIL.

BORING LOG

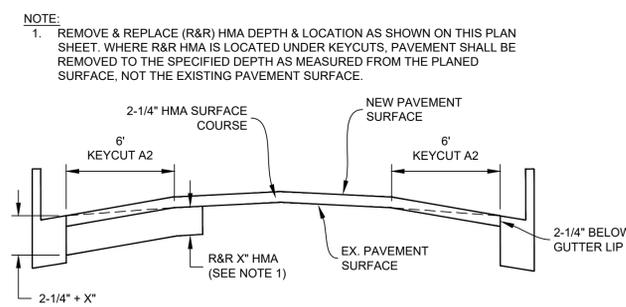
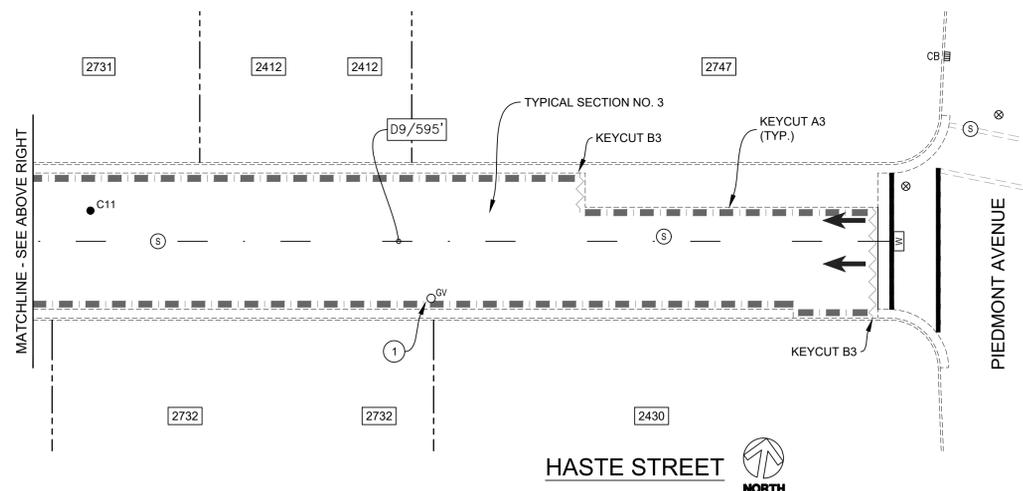
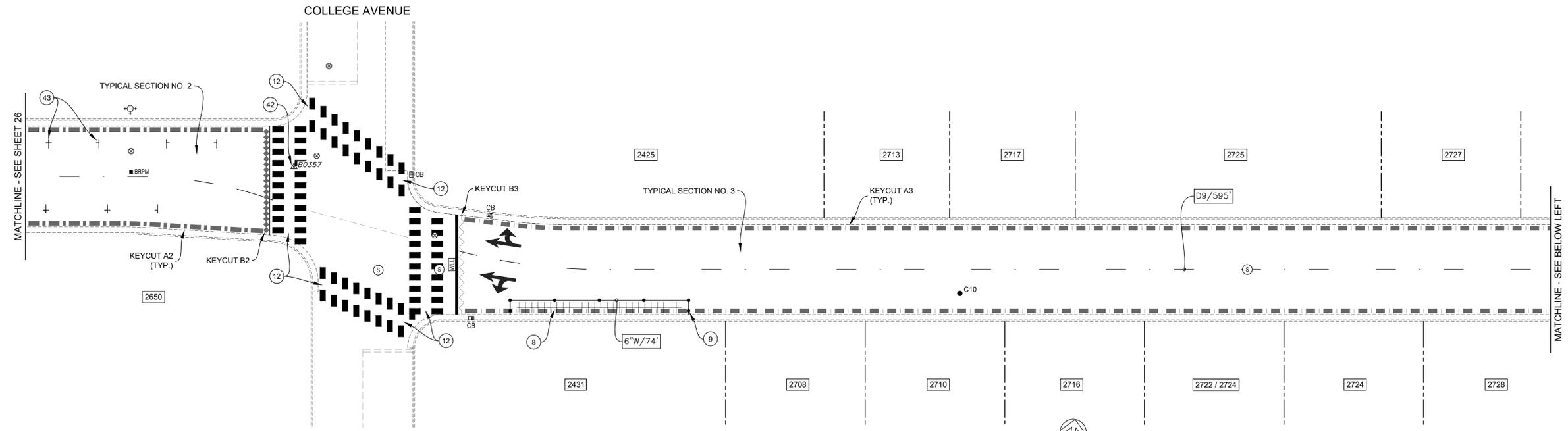
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C8	4"	13"	-	Y
C9	4-1/4"	15"	11	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

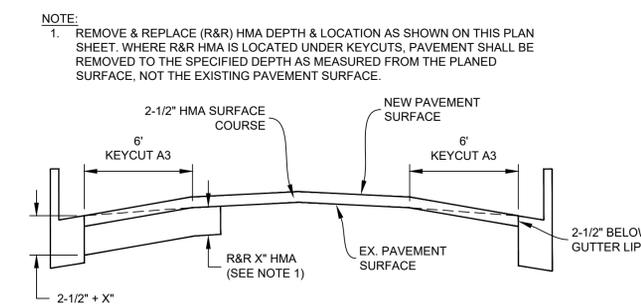


PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____ DATE _____	HORIZ. 1"=20' _____	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	<p>FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT HASTE STREET SHATTUCK AVENUE TO PIEDMONT AVENUE</p>	PLAN 8284
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	DRAWN EN _____ DATE _____	VERT. N/A			FILE 501-641
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK MW, JK _____ DATE _____	BOOK _____			
		CITY ENGINEER _____ DATE _____	AS BUILT _____ DATE 02/12/25				SHEET 26 OF 53

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



TYPICAL SECTION NO. 2
NTS



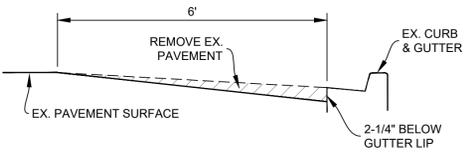
TYPICAL SECTION NO. 3
NTS

NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

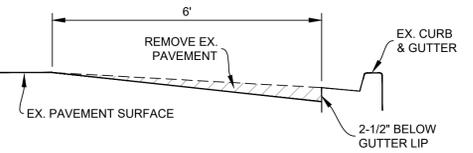
NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER KEYCUTS, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

CONSTRUCTION NOTES:

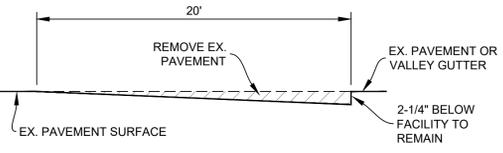
- 1 LOWER UTILITY COVER PRIOR TO COLD PLANE.
- 8 BIKE CHARGING STATION, SALVAGE PRIOR TO & REPLACE AFTER RESURFACING. CONTRACTOR SHALL COORDINATE WORK WITH CITY.
- 9 REMOVE & REPLACE WHITE DELINEATOR (7 EA).
- 12 REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO).
- 42 SURVEY MONUMENT; PROTECT IN PLACE.
- 43 INSTALL PAVEMENT MARKING "L" & "T" PARKING STALL SYMBOLS (THERMO) PER CONSTRUCT DETAIL.



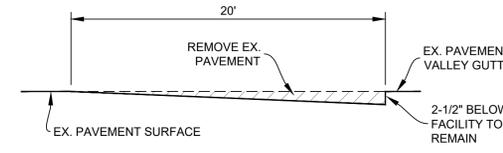
KEYCUT A2
(LONGITUDINAL KEYCUT)
NTS



KEYCUT A3
(LONGITUDINAL KEYCUT)
NTS



KEYCUT B2
(TRANSVERSE KEYCUT)
NTS



KEYCUT B3
(TRANSVERSE KEYCUT)
NTS

BORING LOG

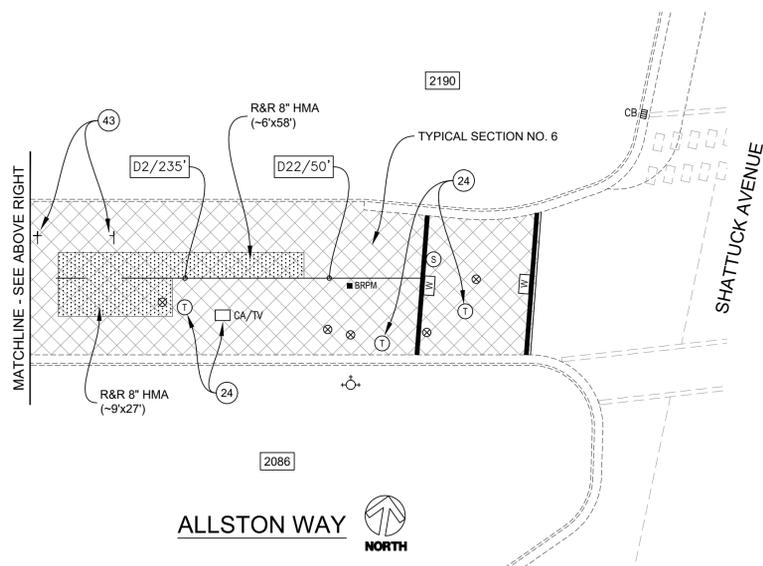
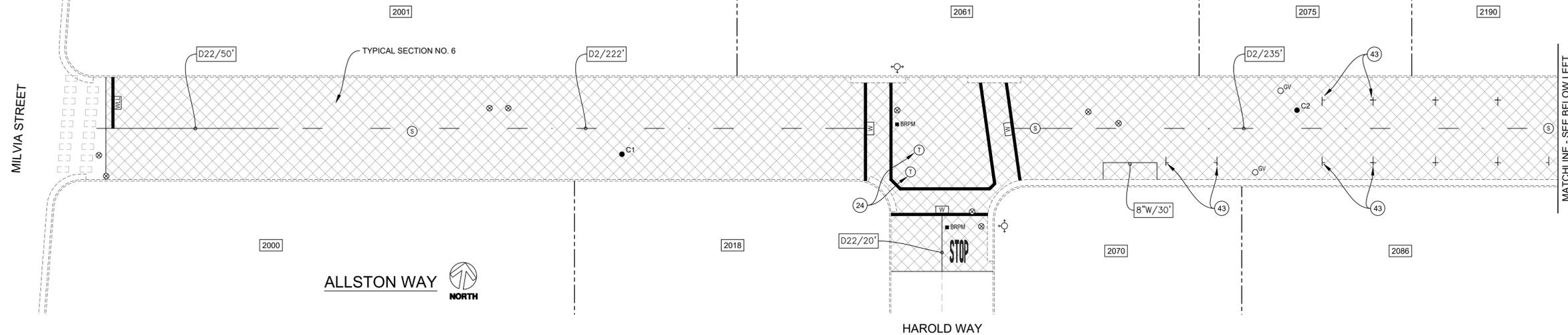
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C10	5"	13"	10	Y
C11	4-1/2"	20"+	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	<p>FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT HASTE STREET SHATTUCK AVENUE TO PIEDMONT AVENUE</p>	PLAN 8284
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ EXP. _____	DRAWN EN _____	VERT. N/A			FILE 501-641
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ R.C.E. _____	CHECK MW, JK _____	BOOK _____			
		CITY ENGINEER _____ EXP. _____	AS BUILT _____	DATE 02/12/25			

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

- (24) UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
- (43) INSTALL PAVEMENT MARKING "L" & "T" PARKING STALL SYMBOLS (THERMO) PER CONSTRUCT DETAIL.

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

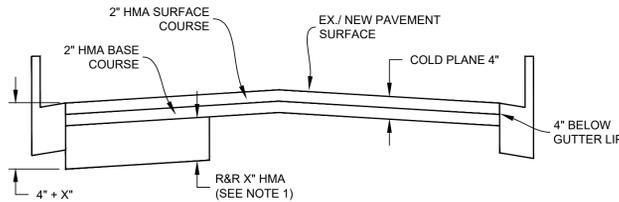
BORING LOG

NO.	AC	PCC	AB	R-VALUE	FABRIC (Y/N)
C1	6"	4"	7"	12	N
C2	11-1/2"	-	6"	-	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



NOTE:
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

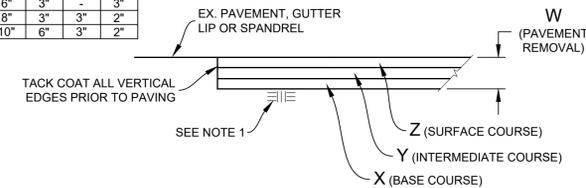


TYPICAL SECTION NO. 6
NTS

DEPTH MEASUREMENTS

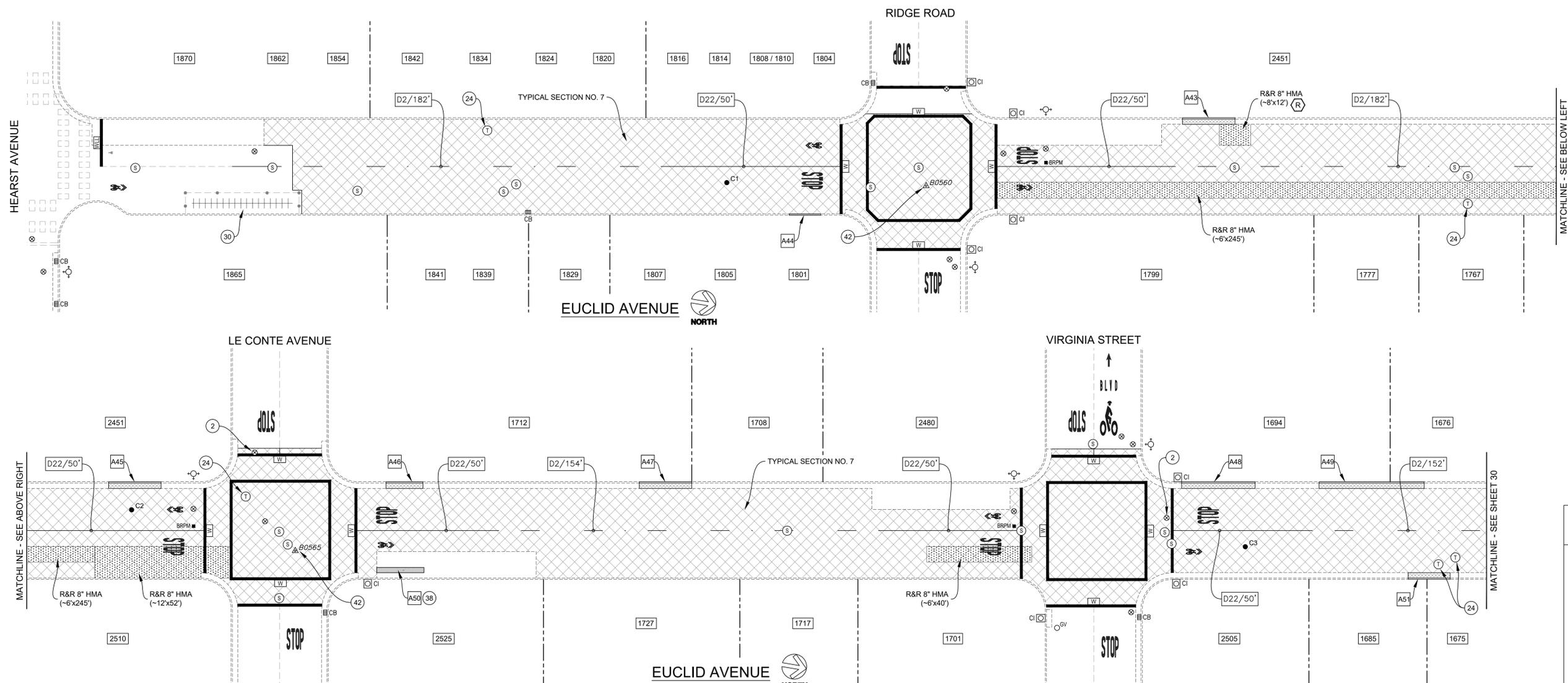
W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENEED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA
(VARIOUS DEPTHS)
NTS

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN JK, EN	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT ALLSTON WAY MILVIA STREET TO SHATTUCK AVENUE	PLAN 8284
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____	EXP. _____	DRAWN EN	VERT. N/A			FILE 501-641
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____	CHECK MW, JK	DATE _____	AS BUILT _____	BOOK _____			REVISION _____
CITY ENGINEER _____	DATE 02/12/25	DATE 02/12/25	DATE 02/12/25	DATE 02/12/25	DATE 02/12/25			MARK _____
							APPROVAL _____	SHEET 28 OF 53



- CONSTRUCTION NOTES:**
- 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - 24 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - 30 BIKE CHARGING STATION; PROTECT IN PLACE.
 - 38 DOWEL INTO EX. GUTTER PAN & BUS PAD TO REMAIN. DOWELS SHALL BE #4 BARS, 12" SPACING O.C. & PLACED IN 3/4" DIAMETER DRILLED HOLES WITH 1:1 SAND CEMENT GROUT.
 - 42 SURVEY MONUMENT; PROTECT IN PLACE.

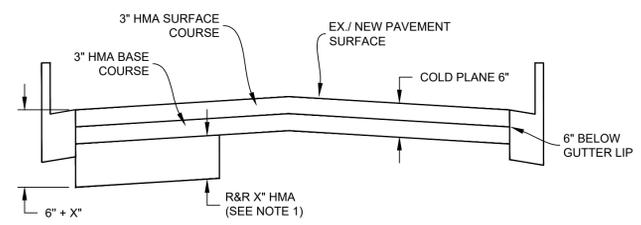
- NOTES:**
1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.
 2. IF CONCRETE IS ENCOUNTERED DURING COLD PLANE OPERATION, ADJUST MILLING DEPTH SO THAT REMOVALS COINCIDE WITH TOP OF CONCRETE. PROTECT IN PLACE CONCRETE PAVEMENT. IF ENCOUNTERED, COORDINATE WITH ENGINEER REGARDING HMA PLACEMENT.

- MISCELLANEOUS NOTES:**
1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

BORING LOG

NO.	AC	PCC	AB	R-VALUE	FABRIC (Y/N)
C1	2"	7"	-	-	Y
C2	10"	-	14"+	9	Y
C3	14"	-	8"+	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

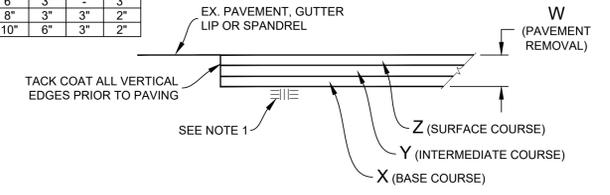


TYPICAL SECTION NO. 7
NTS

DEPTH MEASUREMENTS

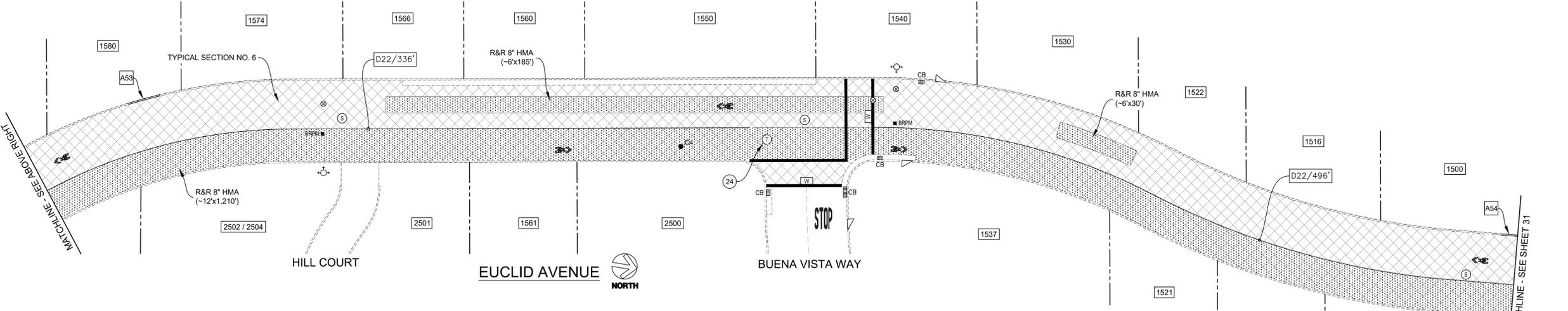
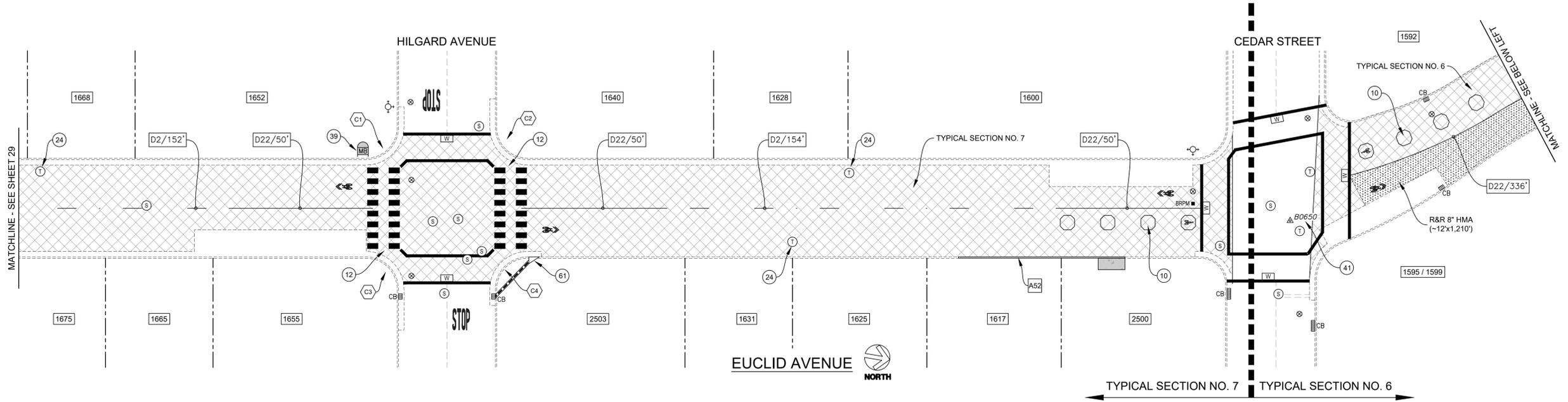
W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA
(VARIOUS DEPTHS)
NTS

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____	HORIZ. 1"=20'	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.281.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT EUCLID AVENUE HEARST AVENUE TO BAYVIEW PLACE	PLAN 8284
SURVEY CHIEF OF PARTY _____	DATE _____	SUPERVISING CIVIL ENGINEER _____	DRAWN EN _____	VERT. N/A			FILE 501-641
WATERSHED REVIEW: _____	DATE _____	APPROVED: _____	CHECK MW, JK _____	BOOK _____			REVISION _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	DATE _____	CITY ENGINEER _____	AS BUILT _____	DATE 02/12/25			MARK _____
							DATE _____



- CONSTRUCTION NOTES:**
- (10) REMOVE & REPLACE DETECTOR LOOP (4 EA).
 - (12) REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
 - (24) UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - (39) COORDINATE WITH USPS & CITY REGARDING TEMPORARILY RELOCATING MAILBOX & REINSTALLING AFTER CONSTRUCTION.
 - (41) SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - (61) REMOVE CROSS DRAIN PIPE/COVER & INSTALL CATCH BASIN WITH GALLERY ON UPHILL SIDE OF STRUCTURE. CONNECT NEW CATCH BASIN TO EX. CATCH BASIN ON HILGARD AVE. (SEE CITY PLAN NOS. 8166 & 8136).

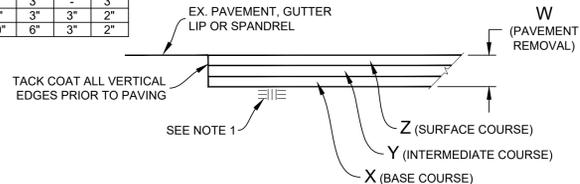
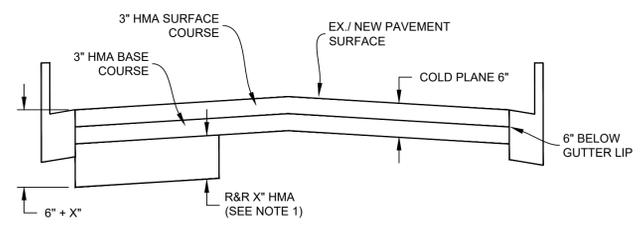
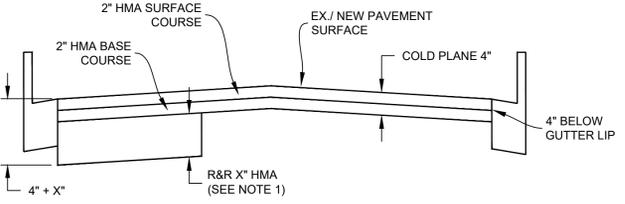
NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

NOTES:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.
 2. IF CONCRETE IS ENCOUNTERED DURING COLD PLANE OPERATION, ADJUST MILLING DEPTH SO THAT REMOVALS COINCIDE WITH TOP OF CONCRETE. PROTECT IN PLACE CONCRETE PAVEMENT, IF ENCOUNTERED. COORDINATE WITH ENGINEER REGARDING HMA PLACEMENT.

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



- MISCELLANEOUS NOTES:**
1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

BORING LOG

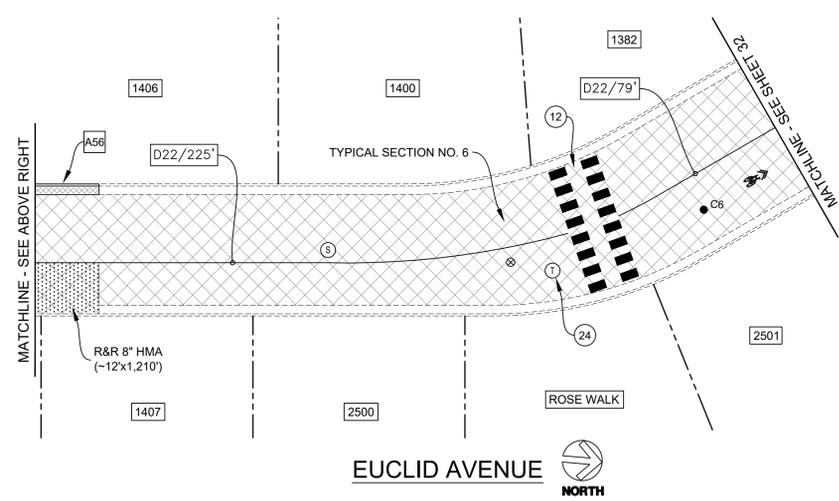
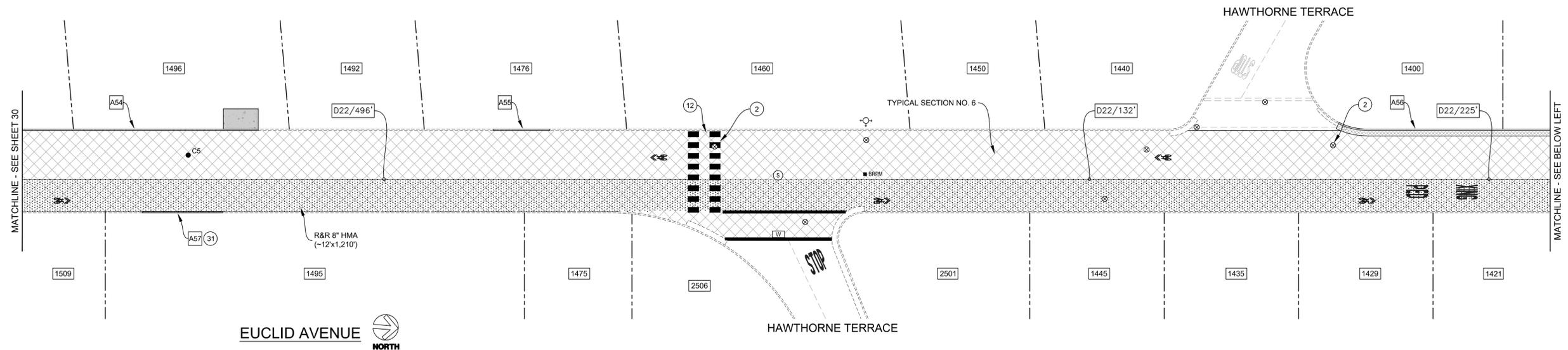
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C4	2-1/2"	8	9	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT EUCLID AVENUE HEARST AVENUE TO BAYVIEW PLACE	PLAN 8284
SURVEY CHIEF OF PARTY _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER _____	DRAWN EN _____	VERT. N/A			FILE 501-641
CITY ENGINEER _____	APPROVED: _____	CHECK MW, JK _____	AS BUILT _____	BOOK _____			SHEET 30 OF 53
		DATE _____	DATE 02/12/25				
		R.C.E. _____					

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



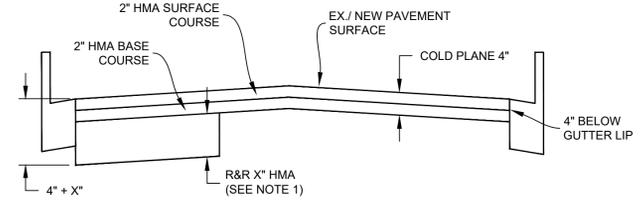
CONSTRUCTION NOTES:

- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- ⑫ REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
- ⑳ UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
- ㉑ REMOVE & REPLACE CURB DRAIN (~4 LF) PER CITY PLAN NO. 8154. INVERT ELEVATION SHALL MATCH FINISHED GRADE OF ADJACENT PAVEMENT SURFACE.

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

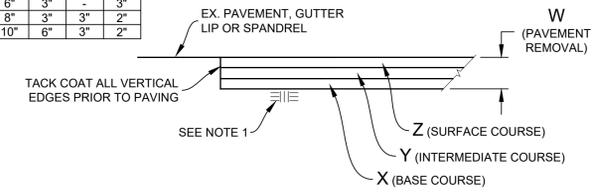


TYPICAL SECTION NO. 6
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA
(VARIOUS DEPTHS)
NTS

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C5	9"	8	-	Y
C6	10"	11	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



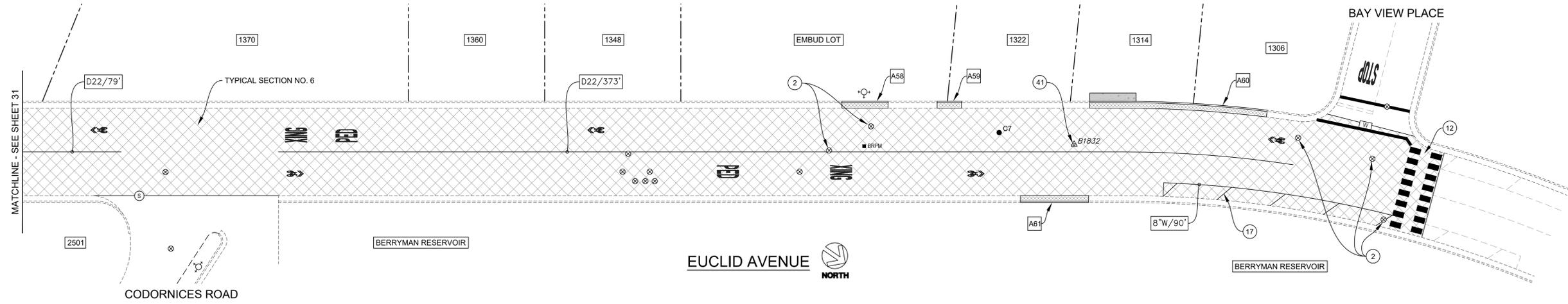
PROJECT MANAGER: _____ DATE: _____	DEPICTION OF MONUMENTS: _____ DATE: _____	SUBMITTED: _____ DATE: _____	DESIGN: JK, EN. HORIZ. 1"=20'
SURVEY CHIEF OF PARTY: _____	WATERSHED REVIEW: _____ DATE: _____	SUPERVISING CIVIL ENGINEER: _____	VERT. N/A
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	CITY ENGINEER: _____	APPROVED: _____	BOOK: _____
		AS BUILT: _____	DATE: 02/12/25

Pavement Engineering Inc.
 You can ride on our reputation
 Corporate Office:
 3485 Sacramento Drive, Suite A
 San Jose, CA 95131
 408.281.2265

FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
EUCLID AVENUE
HEARST AVENUE TO BAYVIEW PLACE

PLAN: 8284
 FILE: 501-641
 SHEET 31 OF 53

DESCRIPTION	DATE	MARK	APPROVAL



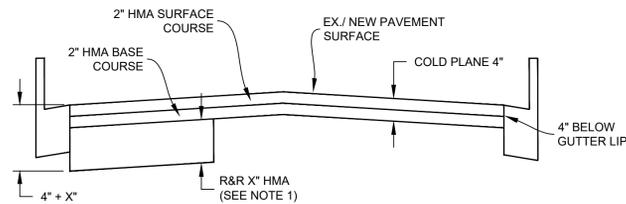
CONSTRUCTION NOTES:

- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- ⑫ REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
- ⑰ 8" WHITE LINE (THERMO), SPACED AT 20' ON CENTER.
- ④① SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



TYPICAL SECTION NO. 6
NTS

BORING LOG

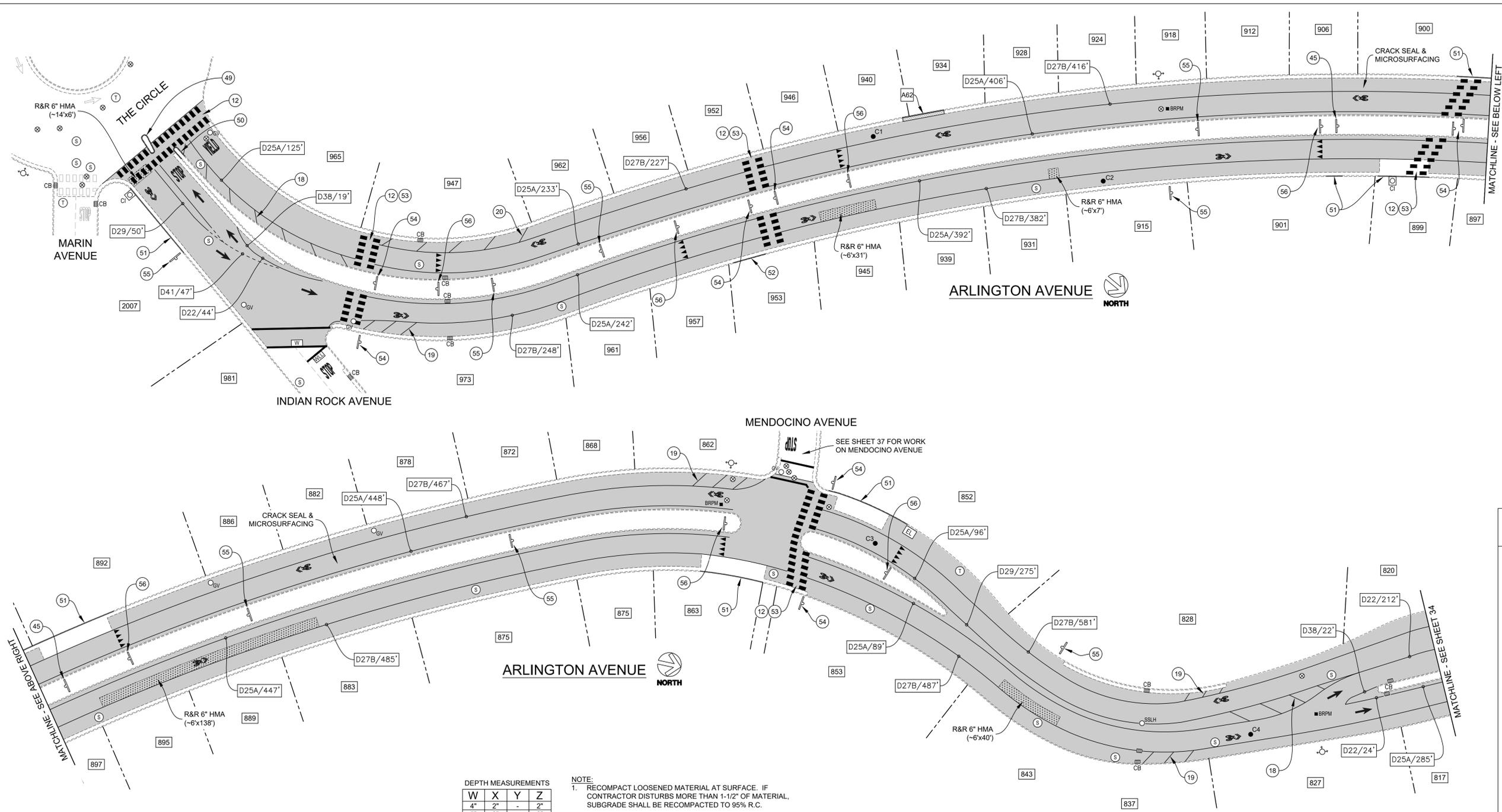
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C7	12"	0"	11	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____ DATE _____	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT EUCLID AVENUE HEARST AVENUE TO BAYVIEW PLACE	PLAN 8284
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	DRAWN EN _____ DATE _____	VERT. N/A			FILE 501-641
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK MW, JK _____ DATE _____	BOOK _____			
		CITY ENGINEER _____ DATE _____	AS BUILT _____ DATE 02/12/25				SHEET 32 OF 53

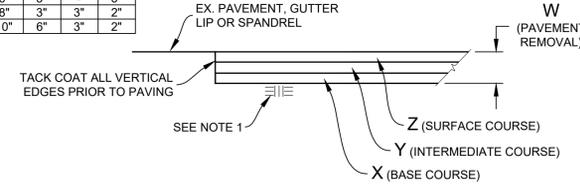
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
 NTS

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	7"	12"	-	N
C2	9"	9"	11	N
C3	8"	8"	-	N
C4	14"	0"	11	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



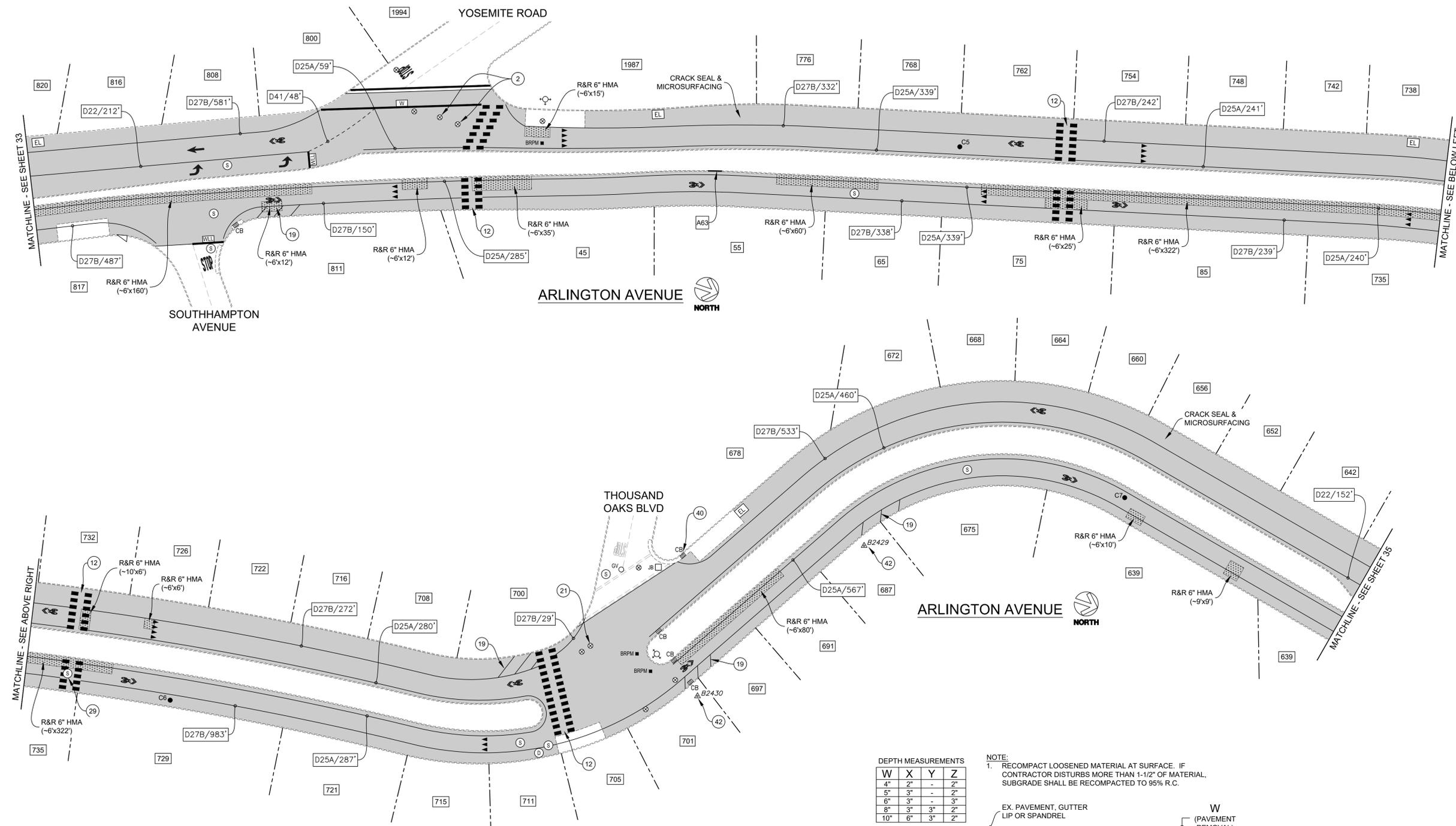
CONSTRUCTION NOTES:

- (12) REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
- (18) 8" YELLOW LINE (THERMO), SPACED AT 20' ON CENTER.
- (19) 8" WHITE LINE (THERMO), SPACED AT 10' ON CENTER.
- (20) 8" WHITE LINE (THERMO), SPACED AT 20' ON CENTER.
- (45) SALVAGE ROADSIDE SIGN(S) & POST.
- (49) REFRESH YELLOW CURB PAINT.
- (50) REFRESH WHITE CURB PAINT.
- (51) REFRESH RED CURB PAINT.
- (52) INSTALL RED CURB PAINT (20 LF).
- (53) INSTALL YELLOW RPMS OUTSIDE OF CROSSWALK (2 EA AT LEADING & TRAILING END OF BARS).
- (54) INSTALL ROADSIDE SIGN (W11-2 & W16-7PL OR R) & POST AT CROSSWALK. "DOWNWARD DIAGONAL ARROW" SHALL BE BELOW W11-2.
- (55) INSTALL ROADSIDE SIGN (W11-2 & W16-9P). "AHEAD" SIGN SHALL BE BELOW W11-2.
- (56) INSTALL ROADSIDE SIGN (R1-5) & POST AT YIELD LINE.

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____	HORIZ. 1"=30'	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT ARLINGTON AVENUE THE CIRCLE TO NORTH CITY LIMIT	PLAN 8284
SURVEY CHIEF OF PARTY _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER _____	DRAWN EN _____	VERT. N/A			FILE 501-641
APPROVED: _____	CITY ENGINEER _____	APPROVED: _____	CHECK MW, JK _____	BOOK _____			REVISION _____
DATE _____	DATE _____	DATE _____	AS BUILT _____	DATE 02/12/25			DATE _____

FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C5	6-1/2"	8"	-	N
C6	11-1/2"	0"	10	N
C7	11"	2"	12	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

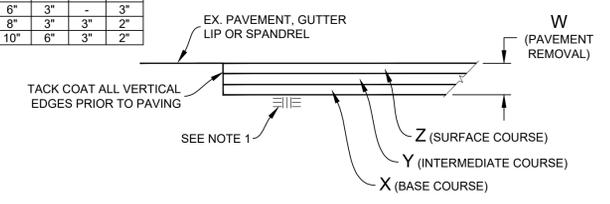


- CONSTRUCTION NOTES:**
- 12 REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
 - 19 8" WHITE LINE (THERMO), SPACED AT 10' ON CENTER.
 - 21 ADJUST UTILITY COVER TO FINISH GRADE.
 - 29 REMOVE & REPLACE HMA AROUND UTILITY COVER.
 - 40 REMOVE & REPLACE CROSS DRAIN COVER.
 - 42 SURVEY MONUMENT, PROTECT IN PLACE.

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

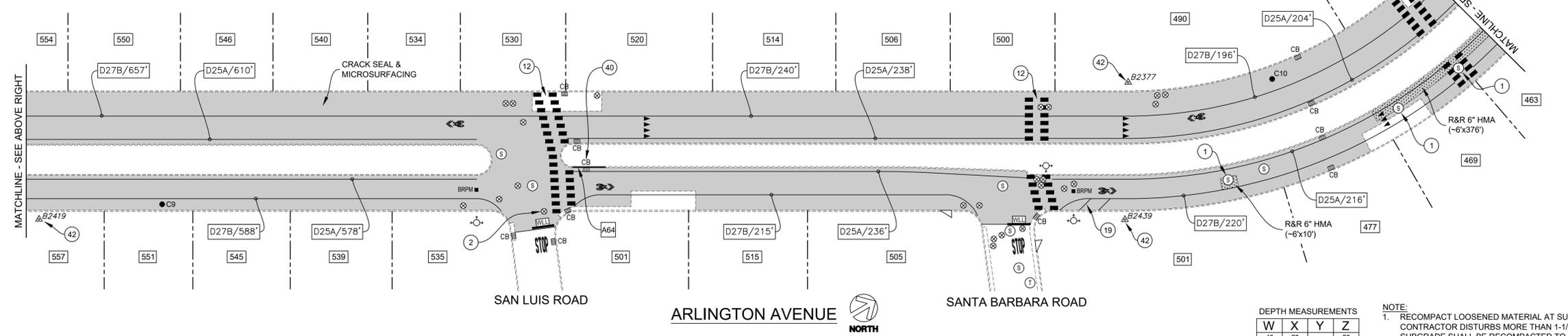
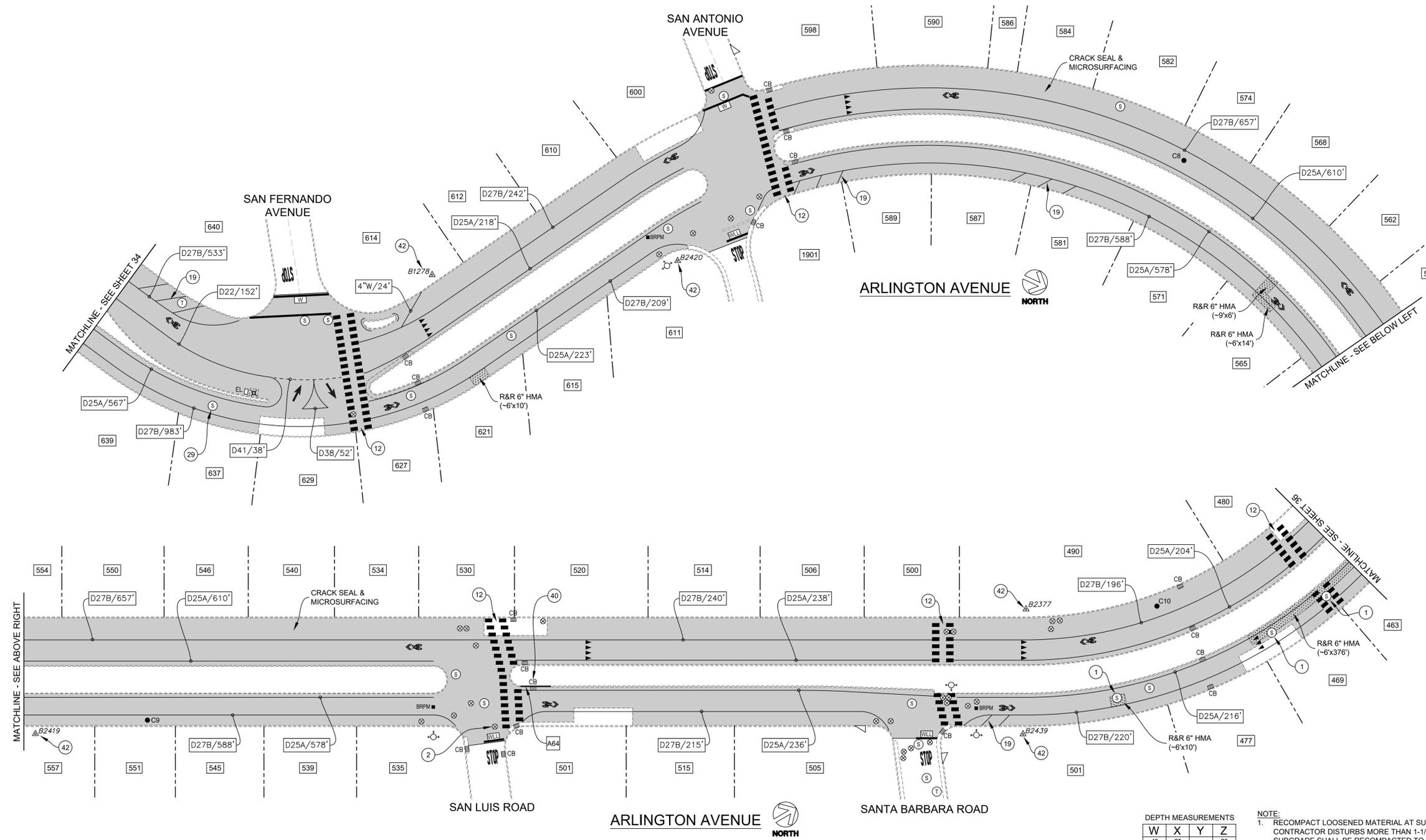
NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____	HORIZ. 1"=30'	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT ARLINGTON AVENUE THE CIRCLE TO NORTH CITY LIMIT	PLAN 8284	
DATE _____	DATE _____	DATE _____	DRAWN EN _____	VERT. N/A			FILE 501-641	
SURVEY CHIEF OF PARTY _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK MW, JK _____	BOOK _____			REVISION _____	DATE _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	CITY ENGINEER _____	AS BUILT _____	DATE 02/12/25	DATE _____			MARK _____	APPROVAL _____

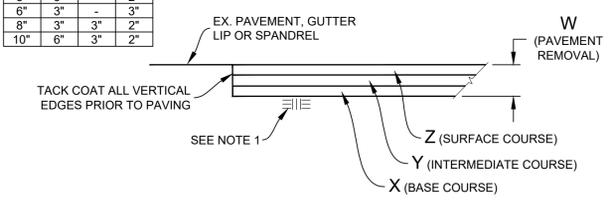
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS) NTS

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C8	6"	9"	-	N
C9	8-1/2"	0"	9	N
C10	6"	9"	-	N

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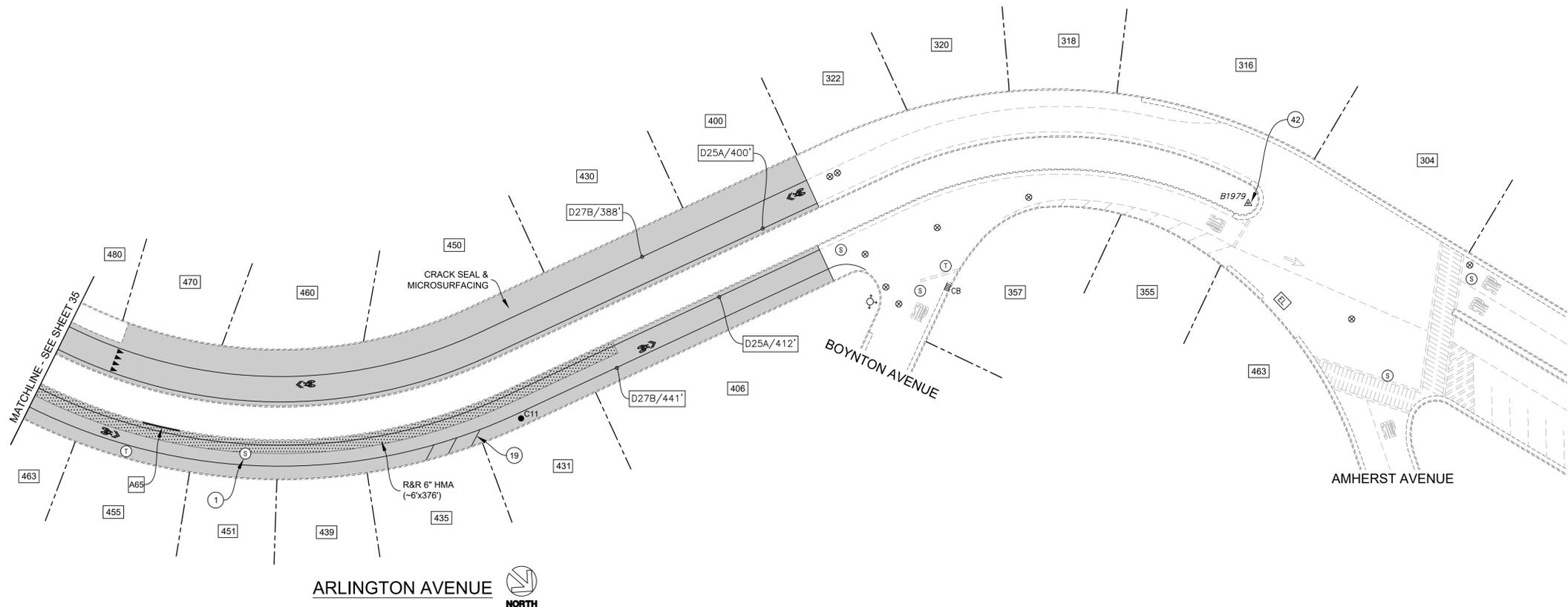


CONSTRUCTION NOTES:

- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
- ⑫ REMOVE & REPLACE WHITE TRIPLE FOUR CROSSWALK (THERMO), TYP.
- ⑲ 8" WHITE LINE (THERMO), SPACED AT 10' ON CENTER.
- ⑳ REMOVE & REPLACE HMA AROUND UTILITY COVER.
- ④① REMOVE & REPLACE CROSS DRAIN COVER.
- ④② SURVEY MONUMENT, PROTECT IN PLACE.

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN JK, EN	HORIZ. 1"=30'	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT ARLINGTON AVENUE THE CIRCLE TO NORTH CITY LIMIT	PLAN 8284
SURVEY CHIEF OF PARTY _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	R.C.E. _____	CHECK MW, JK	VERT. N/A			FILE 501-641
CITY ENGINEER _____ DATE _____	AS BUILT _____ DATE _____	DATE 02/12/25	EXP. _____	BOOK _____	DATE 02/12/25			SHEET 35 OF 53
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES								

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

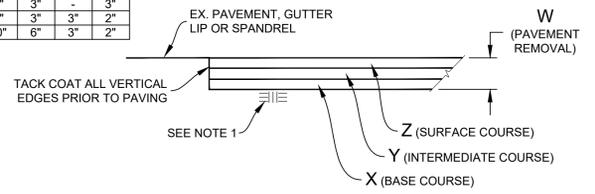


ARLINGTON AVENUE
NORTH

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA
(VARIOUS DEPTHS)
NTS

- CONSTRUCTION NOTES:**
- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - ⑱ 8" WHITE LINE (THERMO), SPACED AT 10' ON CENTER.
 - ④② SURVEY MONUMENT; PROTECT IN PLACE.

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C11	12"	0"	10	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____

SURVEY CHIEF OF PARTY: _____ DATE _____

WATERSHED REVIEW: _____ DATE _____

FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

SUBMITTED: _____ DATE _____

SUPERVISING CIVIL ENGINEER: _____ DATE _____

APPROVED: _____ DATE _____

CITY ENGINEER: _____ DATE _____

DESIGN JK, EN. _____ DATE _____

DRAWN EN. _____ DATE _____

CHECK MW, JK. _____ DATE _____

AS BUILT _____ DATE _____

HORIZ. 1"=30' _____

VERT. N/A _____

BOOK _____

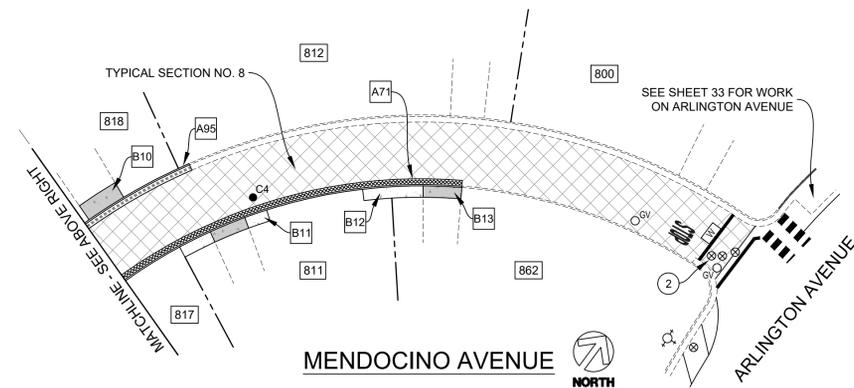
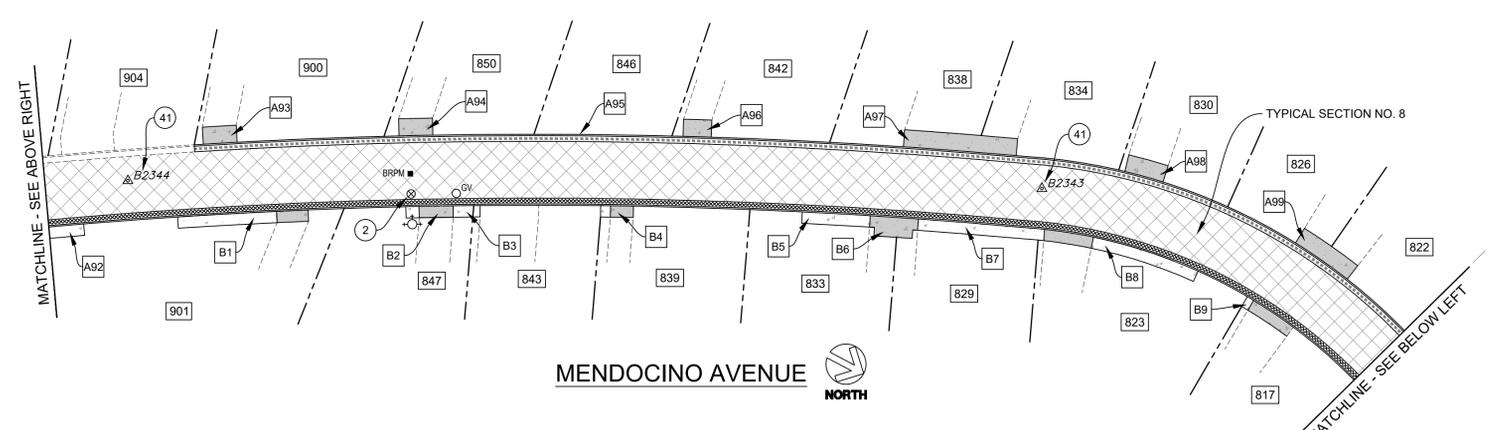
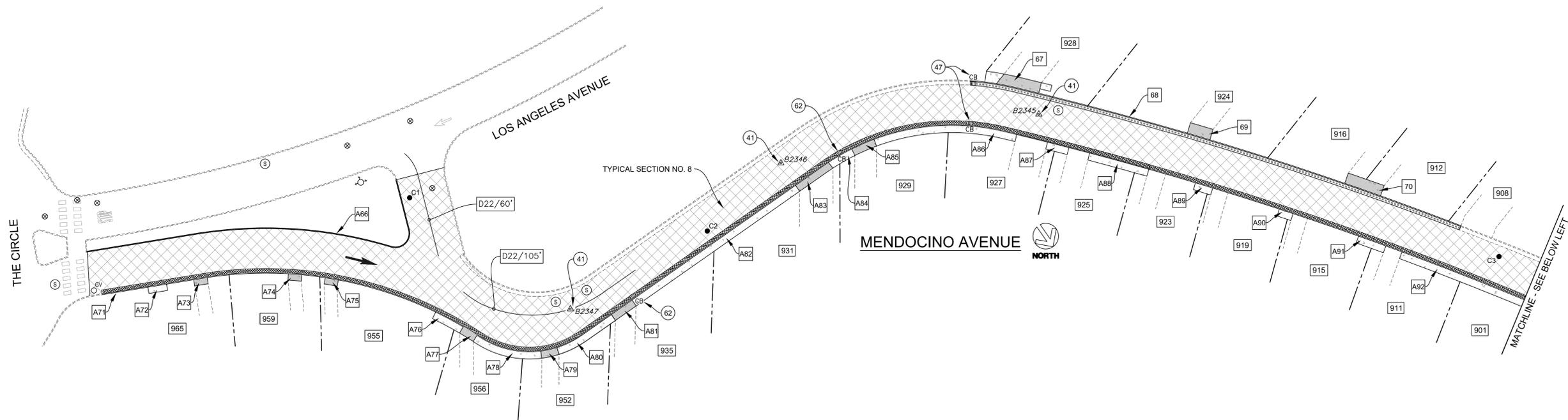
DATE 02/12/25 _____



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
ARLINGTON AVENUE
THE CIRCLE TO NORTH CITY LIMIT

PLAN 8284
FILE 501-641
SHEET 36 OF 53

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

- (2) INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- (41) SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
- (47) RECONSTRUCT TOP OF CATCH BASIN & GALLERY INLET (SEE CITY PLAN 6166 & CONSTRUCTION DETAIL).
- (62) REMOVE & REPLACE CATCH BASIN (SEE CITY PLAN NO. 6166).

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.
- 2. AT ALL VERTICAL CURB OR CURB & GUTTER LOCATIONS WHERE CONCRETE OVER-POUR IS PRESENT, CONTRACTOR SHALL SAW CUT AT FLOWLINE OR GUTTER LIP, RESPECTIVELY, & REMOVE PCC PRIOR TO RESURFACING.

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	1-3/4"	7"	11	N
C2	2"	5"	15	N
C3	1-1/2"	7"	-	N
C4	2-1/2"	6-1/2"	15	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



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

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

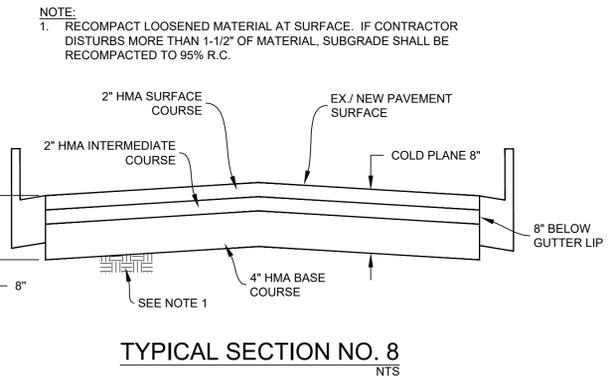
DESIGN:	JK, EN
DRAWN:	EN
CHECK:	MW, JK
AS BUILT:	

HORIZ.:	1"=30'
VERT.:	N/A
BOOK:	
DATE:	02/12/25

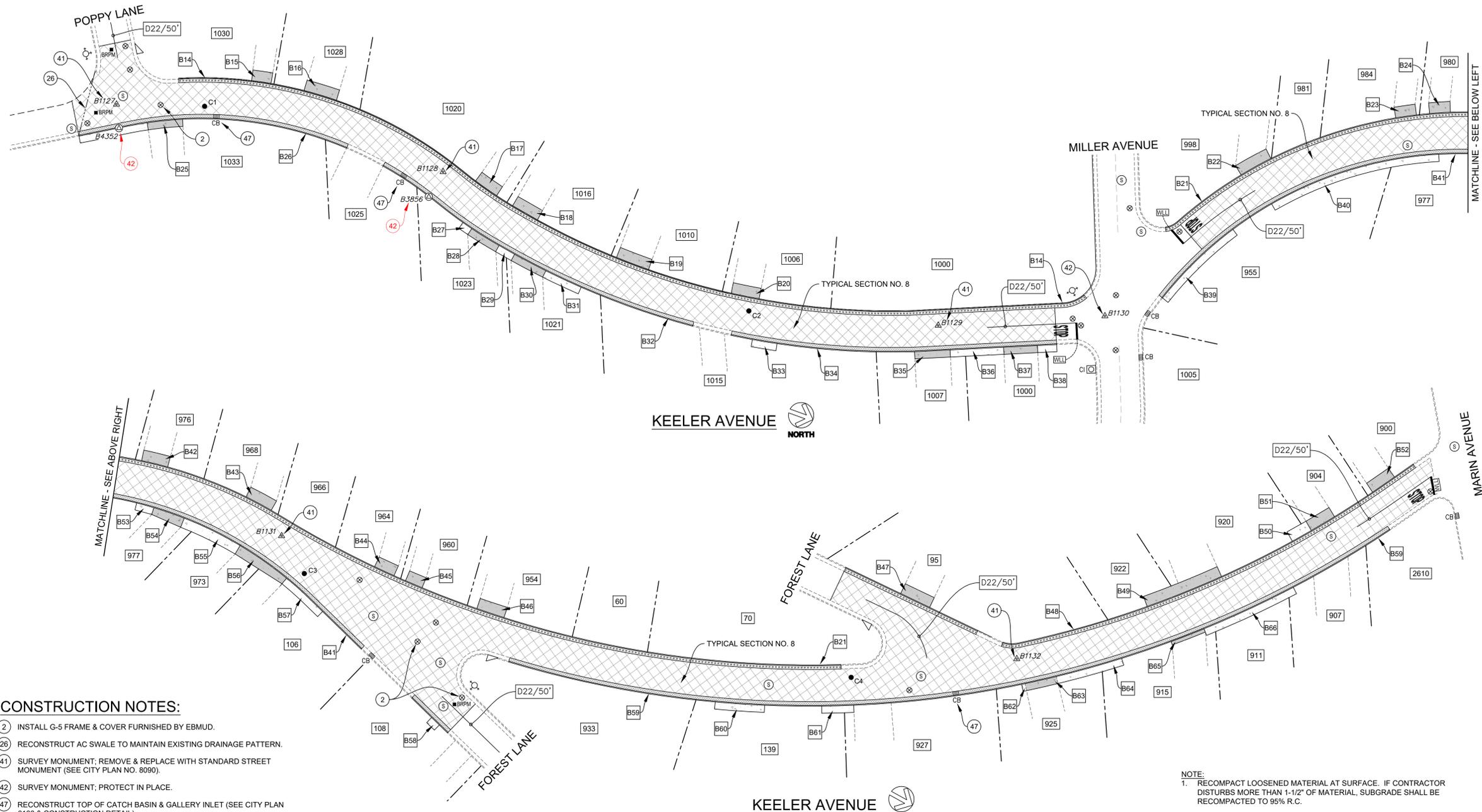


FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
MENDOCINO AVENUE
THE CIRCLE TO ARLINGTON AVENUE

PLAN:	8284
FILE:	501-641
SHEET:	37 OF 53



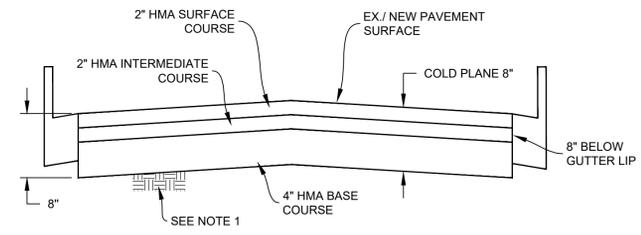
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - 26 RECONSTRUCT AC SWALE TO MAINTAIN EXISTING DRAINAGE PATTERN.
 - 41 SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - 42 SURVEY MONUMENT; PROTECT IN PLACE.
 - 47 RECONSTRUCT TOP OF CATCH BASIN & GALLERY INLET (SEE CITY PLAN 6166 & CONSTRUCTION DETAIL).

- MISCELLANEOUS NOTES:**
1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



TYPICAL SECTION NO. 8
 NTS

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	2-1/4"	9-1/2"	-	N
C2	4-1/2"	8-1/2"	11	N
C3	4"	6"	-	N
C4	3"	7"	9	N

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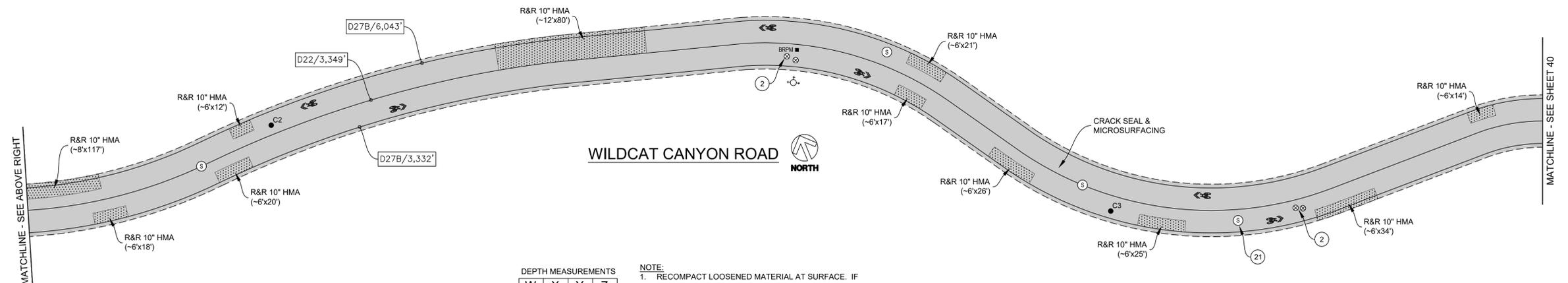
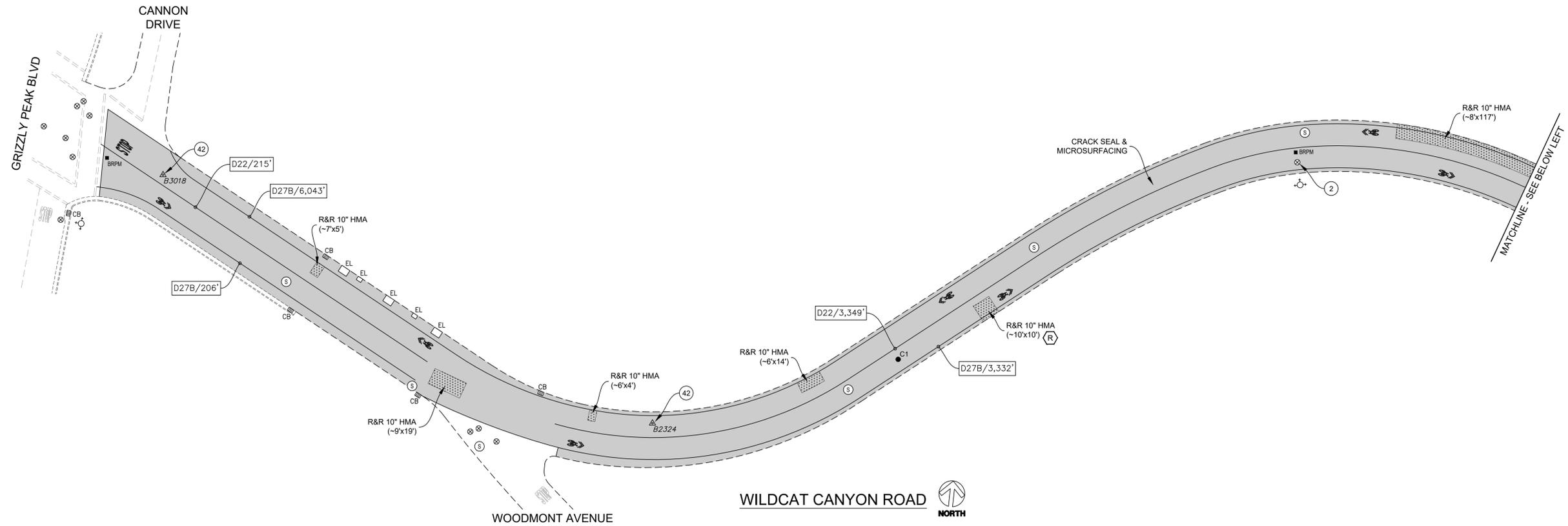
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN. _____ DATE _____
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	DRAWN EN _____ DATE _____
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK MW, JK _____ DATE _____
		CITY ENGINEER _____ DATE _____	AS BUILT _____ DATE 02/12/25



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
KEELER AVENUE
POPPY LANE TO MARIN AVENUE

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8284
 FILE 501-641
 SHEET 38 OF 53



CONSTRUCTION NOTES:

- ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- ②1 ADJUST UTILITY COVER TO FINISH GRADE.
- ④2 SURVEY MONUMENT; PROTECT IN PLACE.

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	10"	-	-	N
C2	9-1/2"	-	-	N
C3	5-1/2"	-	-	N

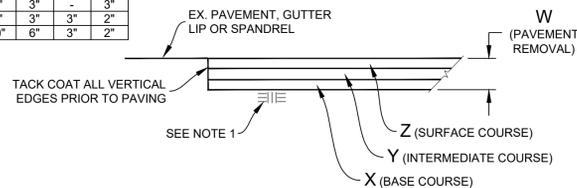
*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

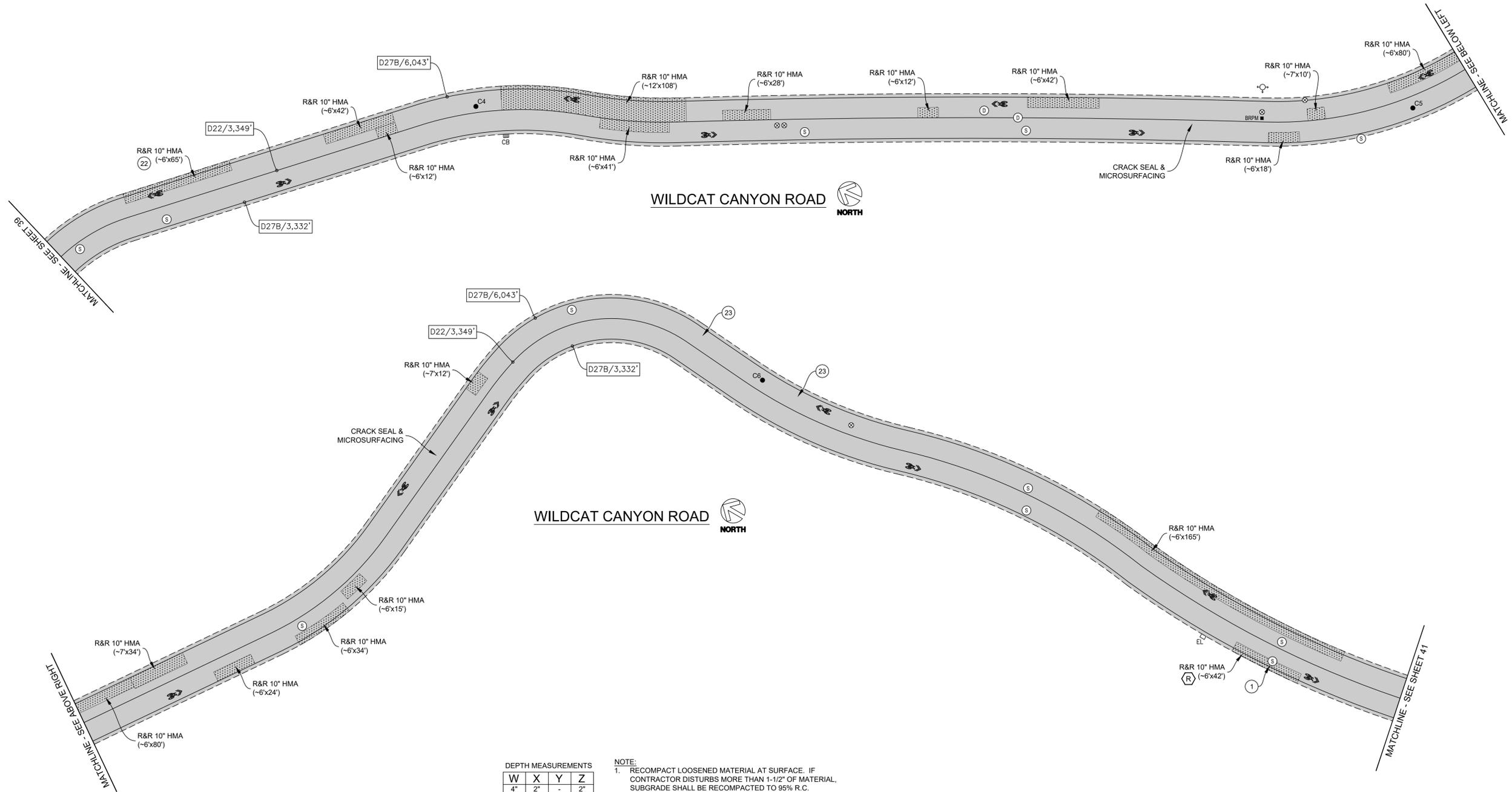
NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN: JK, EN	HORIZ. 1"=30'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	<p>FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT WILDCAT CANYON ROAD GRIZZLY PEAK BLVD TO THE SPIRAL</p>	PLAN 8284
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ DATE _____	EXP. _____	DRAWN: EN	VERT. N/A			FILE 501-641
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CITY ENGINEER _____ DATE _____	EXP. _____	CHECK: MW, JK	BOOK _____			REVISION _____
				AS BUILT _____	DATE 02/12/25			MARK _____

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
- ② PAVING SHALL BE PERFORMED TO REMOVE LOW SPOT IN ROADWAY.
- ③ GRIND HIGH SPOT IN ROADWAY FLUSH W/ADJACENT PAVEMENT SURFACE (AREA LESS THAN 1'x1').

BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C4	7"	-	-	N
C5	6"	-	-	N
C6	4-1/2"	-	-	N

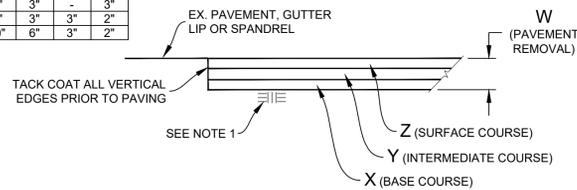
*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

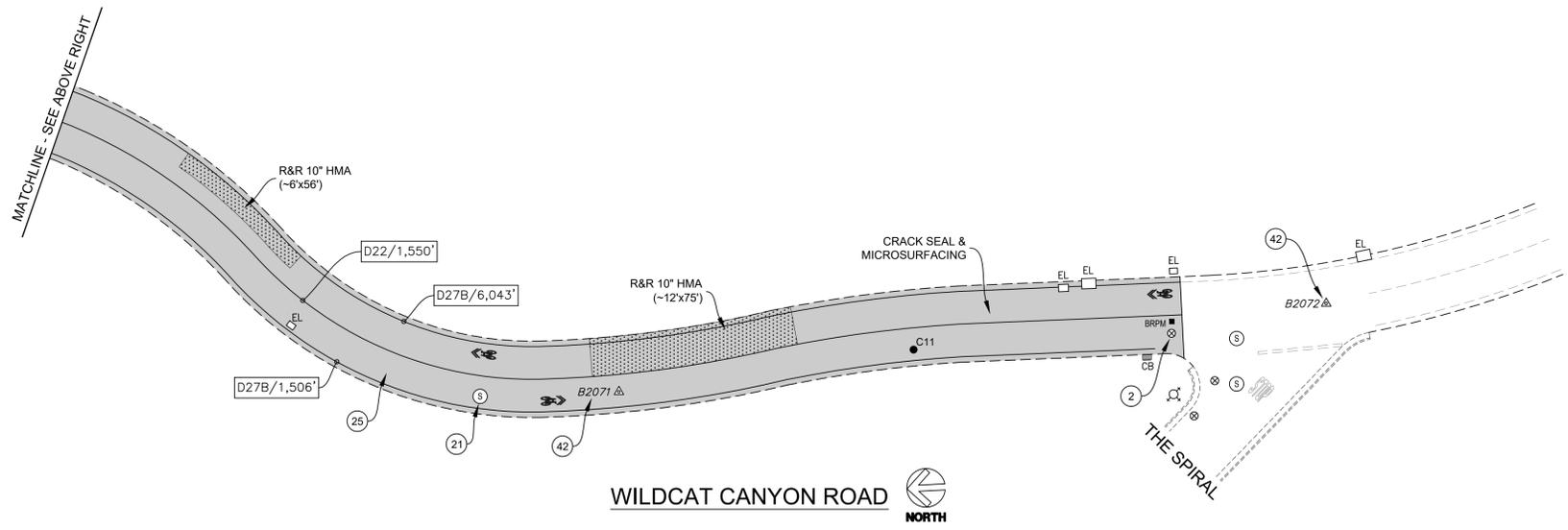
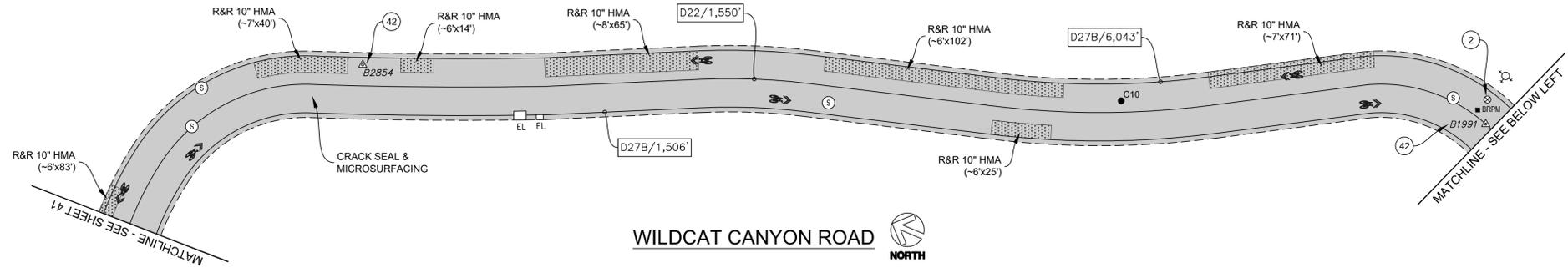
NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____	HORIZ. 1"=30'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	<p>FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT WILDCAT CANYON ROAD GRIZZLY PEAK BLVD TO THE SPIRAL</p>	PLAN 8284
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ EXP. _____	DRAWN EN _____	VERT. N/A			FILE 501-641
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CITY ENGINEER _____ EXP. _____	CHECK MW, JK _____	BOOK _____			REVISION
			AS BUILT _____	DATE 02/12/25			MARK

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

- (2) INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
- (21) ADJUST UTILITY COVER TO FINISH GRADE.
- (25) SKIN PATCH (~1'x1') PER DETAIL ON THIS SHEET.
- (42) SURVEY MONUMENT; PROTECT IN PLACE.

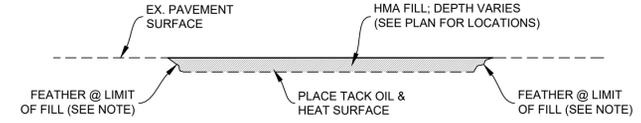
BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C10	8"	-	-	Y
C11	8"	-	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



NOTE:
FEATHER HMA FILL TO MATCH FLUSH TO ADJACENT PAVEMENT SURFACE BY RAKING OUT LARGER AGGREGATE PRIOR TO COMPACTING.

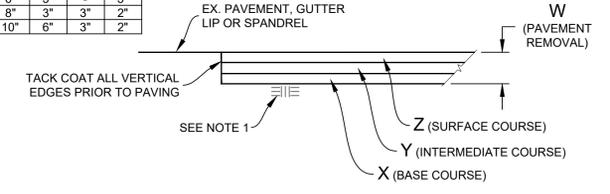


SKIN PATCH
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

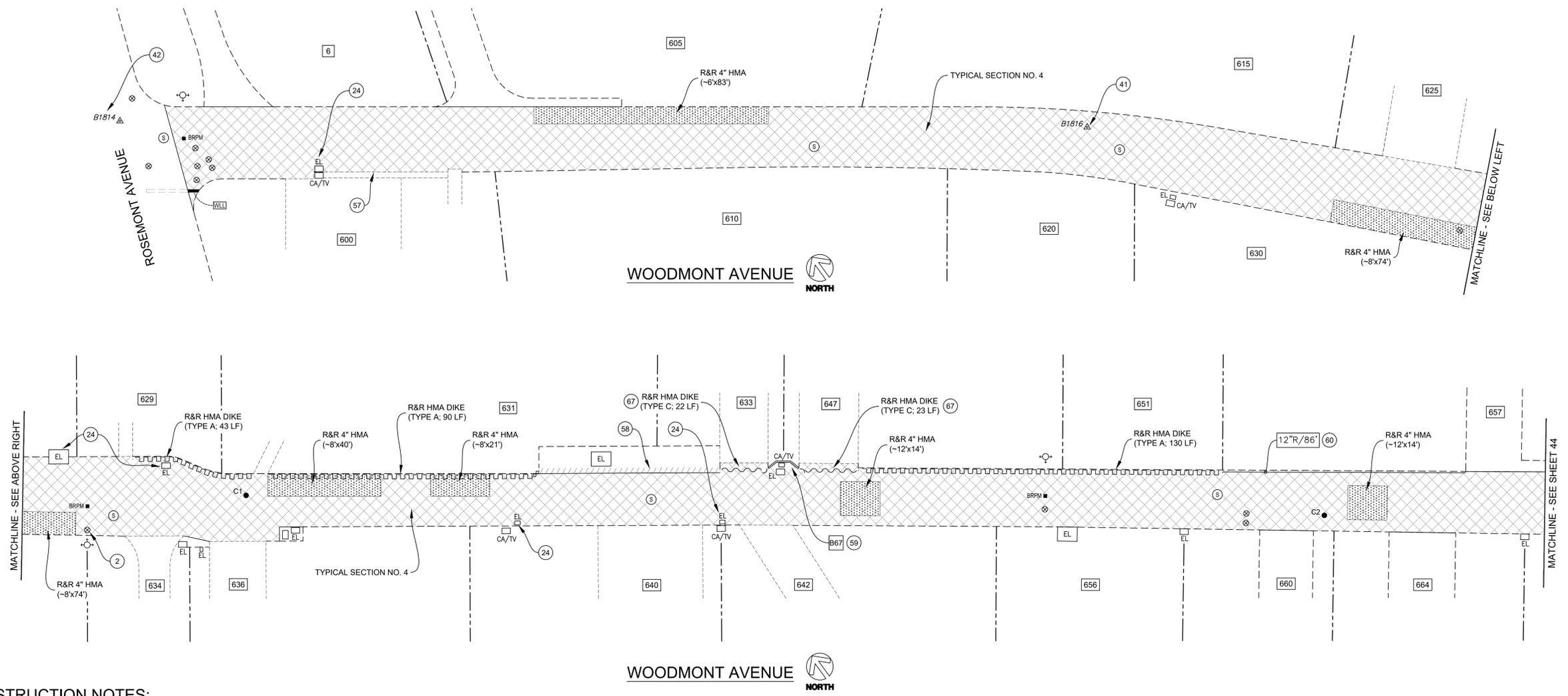
NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

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: _____ EXP: _____ APPROVED: _____ DATE: _____ CITY ENGINEER: _____ EXP: _____	DESIGN: JK, EN DRAWN: EN CHECK: MW, JK AS BUILT: _____ HORIZ. 1"=30' VERT. N/A BOOK: _____ DATE: 02/12/25	<p>Pavement Engineering Inc. Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT WILDCAT CANYON ROAD GRIZZLY PEAK BLVD TO THE SPIRAL	PLAN: 8284 FILE: 501-641 SHEET 42 OF 53
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REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- 2 INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - 24 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - 41 SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - 42 SURVEY MONUMENT; PROTECT IN PLACE.
 - 57 SAWCUT AT GUTTER LIP & REMOVE PCC OVER POUR PRIOR TO COLD PLANE OPERATION.
 - 58 HMA DIKE; PROTECT IN PLACE.
 - 59 PCC CURB HEIGHT SHALL MATCH TOP OF DIKE ELEVATION.
 - 60 REPLACE "NO PARKING FIRE LANE" PAVEMENT MARKINGS (PAINT; 4 EA) AFTER PLACEMENT OF 12" RED LINE (PAINT).
 - 67 HMA DIKE SHALL BE TIED INTO ADJACENT PCC CURB. TACK COAT CURB PRIOR TO DIKE INSTALLATION.

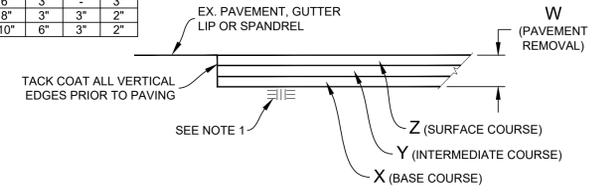
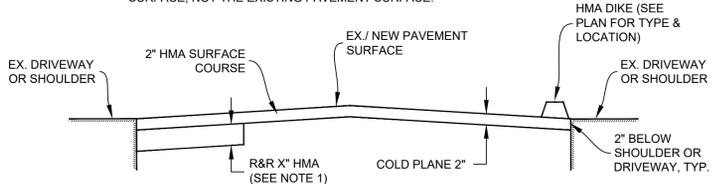
- MISCELLANEOUS NOTES:**
- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF TYPICAL SECTION NO. 4 PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANNED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



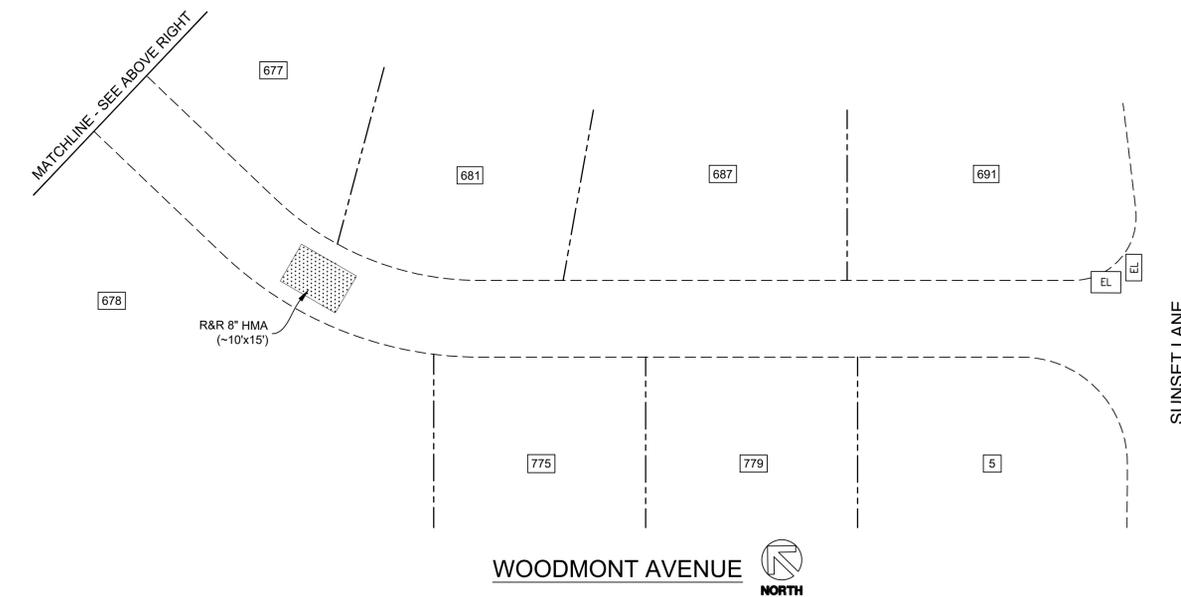
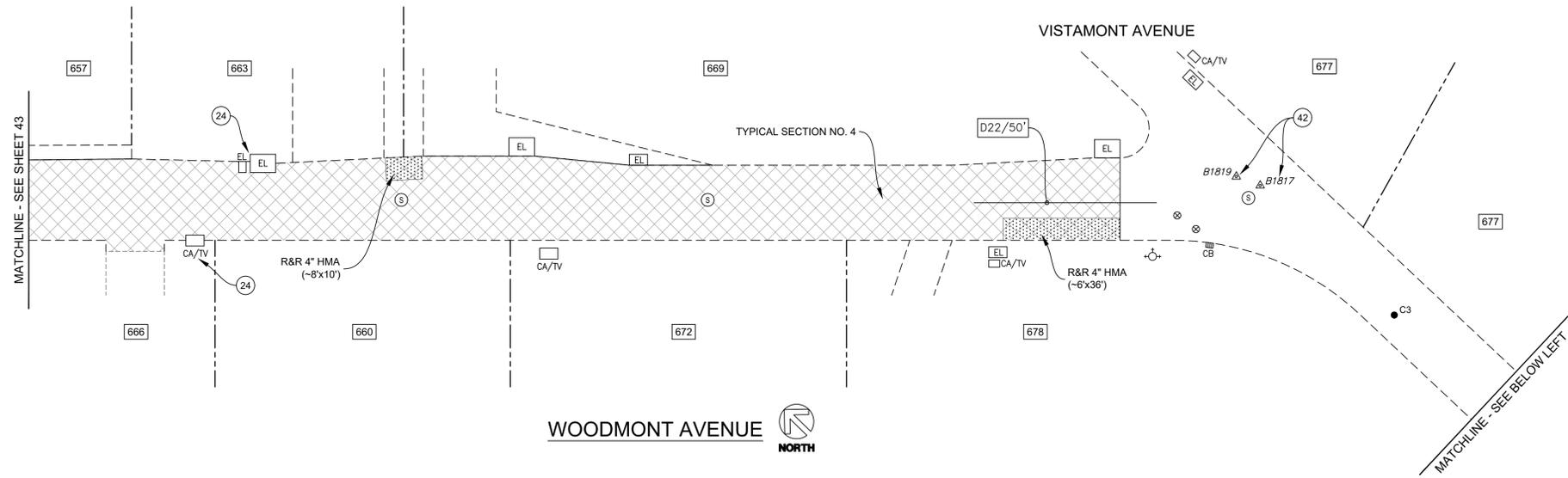
BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	4-3/4"	5"	8	N
C2	5"	8"	-	N

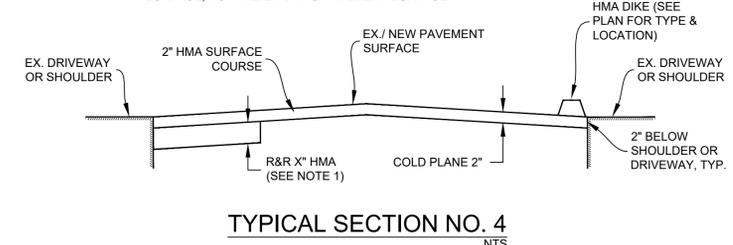
*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



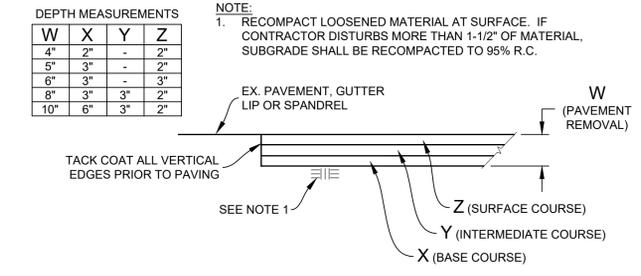
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN JK, EN _____	HORIZ. 1"=20'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT WOODMONT AVENUE ROSEMONT AVENUE TO SUNSET LANE	PLAN 8284
_____	SURVEY CHIEF OF PARTY _____	SUPERVISING CIVIL ENGINEER _____	DRAWN EN _____	VERT. N/A			FILE 501-641
_____	WATERSHED REVIEW: _____	APPROVED: _____	CHECK MW, JK _____	BOOK _____			REVISION _____
_____	_____	CITY ENGINEER _____	AS BUILT _____	DATE 02/12/25			DATE _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES							MARK _____



NOTE:
 1. REMOVE & REPLACE (R&R) HMA DEPTH & LOCATION AS SHOWN ON THIS PLAN SHEET. WHERE R&R HMA IS LOCATED UNDER COLD PLANE, PAVEMENT SHALL BE REMOVED TO THE SPECIFIED DEPTH AS MEASURED FROM THE PLANED SURFACE, NOT THE EXISTING PAVEMENT SURFACE.



NOTE:
 1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2\"/>



DEPTH MEASUREMENTS				
W	X	Y	Z	
4"	2"	-	2"	
5"	3"	-	2"	
6"	3"	-	3"	
8"	3"	3"	2"	
10"	6"	3"	2"	

- CONSTRUCTION NOTES:**
- 24 UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - 42 SURVEY MONUMENT; PROTECT IN PLACE.

- MISCELLANEOUS NOTES:**
- LOWER ALL UTILITY COVERS WITHIN LIMITS OF TYPICAL SECTION NO. 4 PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.

BORING LOG

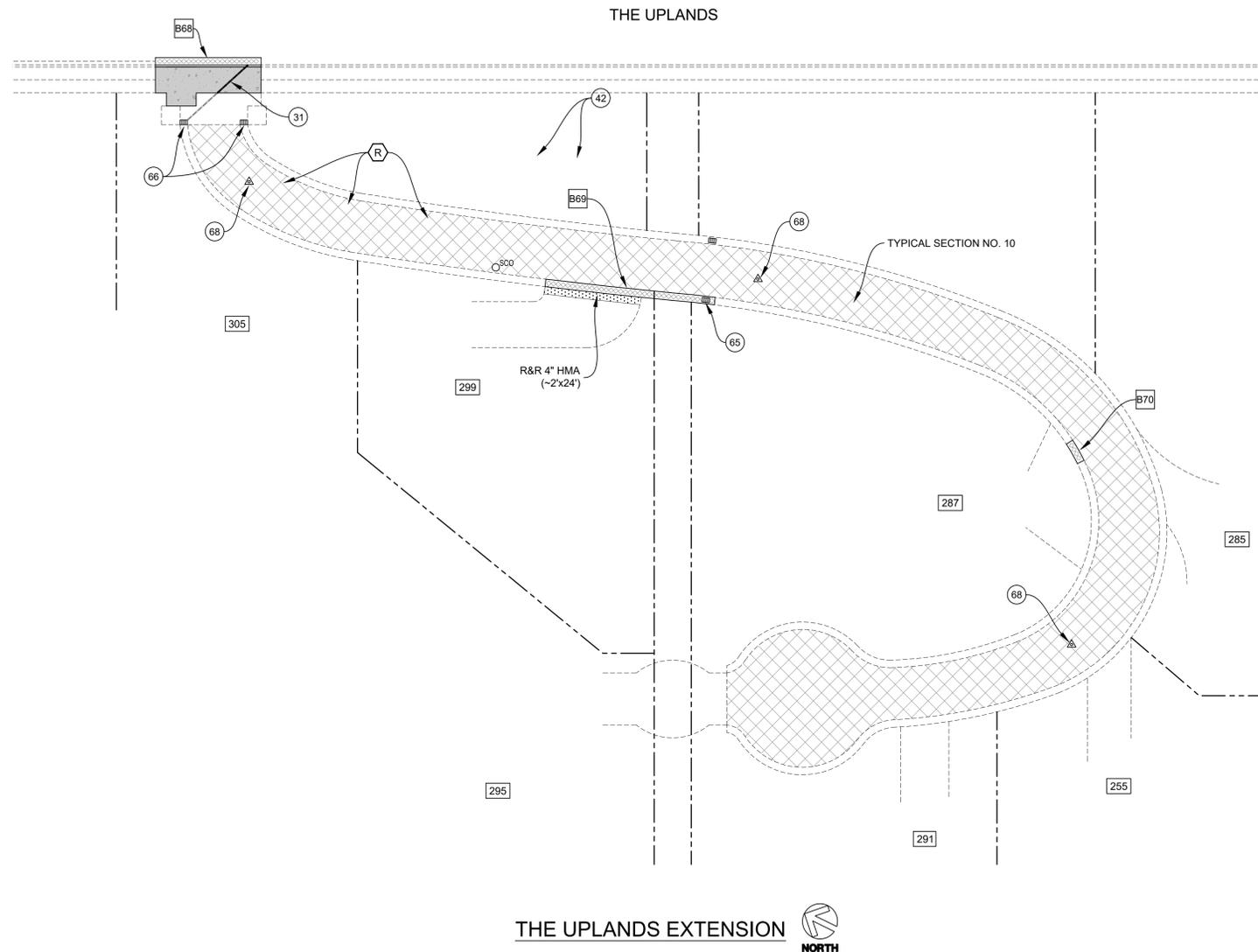
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C3	6"	3"	8	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	R.C.E.: _____	DESIGN JK, EN	HORIZ. 1"=20'	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT WOODMONT AVENUE ROSEMONT AVENUE TO SUNSET LANE	PLAN 8284
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY _____ DATE _____	SUPERVISING CIVIL ENGINEER _____ EXP. _____	DRAWN EN	VERT. N/A	FILE 501-641			REVISION
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK MW, JK	BOOK _____				MARK
	CITY ENGINEER _____ DATE _____	AS BUILT _____ DATE 02/12/25						DATE

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



CONSTRUCTION NOTES:

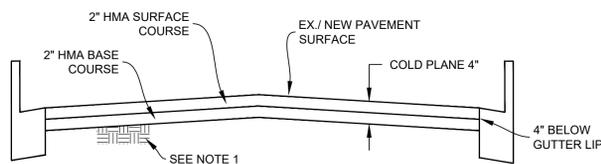
- 31 REMOVE & REPLACE CURB DRAIN (~12 LF) PER CITY PLAN NO. 8154. CONNECT TO EXISTING DRAIN PIPE TO REMAIN.
- 65 REMOVE & REPLACE DROP INLET.
- 66 CLEAN OUT EXISTING DROP INLET.
- 68 RAILROAD SPIKE SURFACE MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).

MISCELLANEOUS NOTES:

- 1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.



NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.

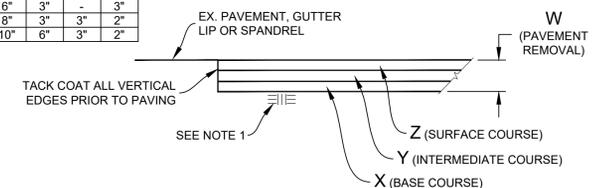


TYPICAL SECTION NO. 10
NTS

DEPTH MEASUREMENTS

W	X	Y	Z
4"	2"	-	2"
5"	3"	-	2"
6"	3"	-	3"
8"	3"	3"	2"
10"	6"	3"	2"

NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.



REMOVE & REPLACE HMA (VARIOUS DEPTHS)
NTS

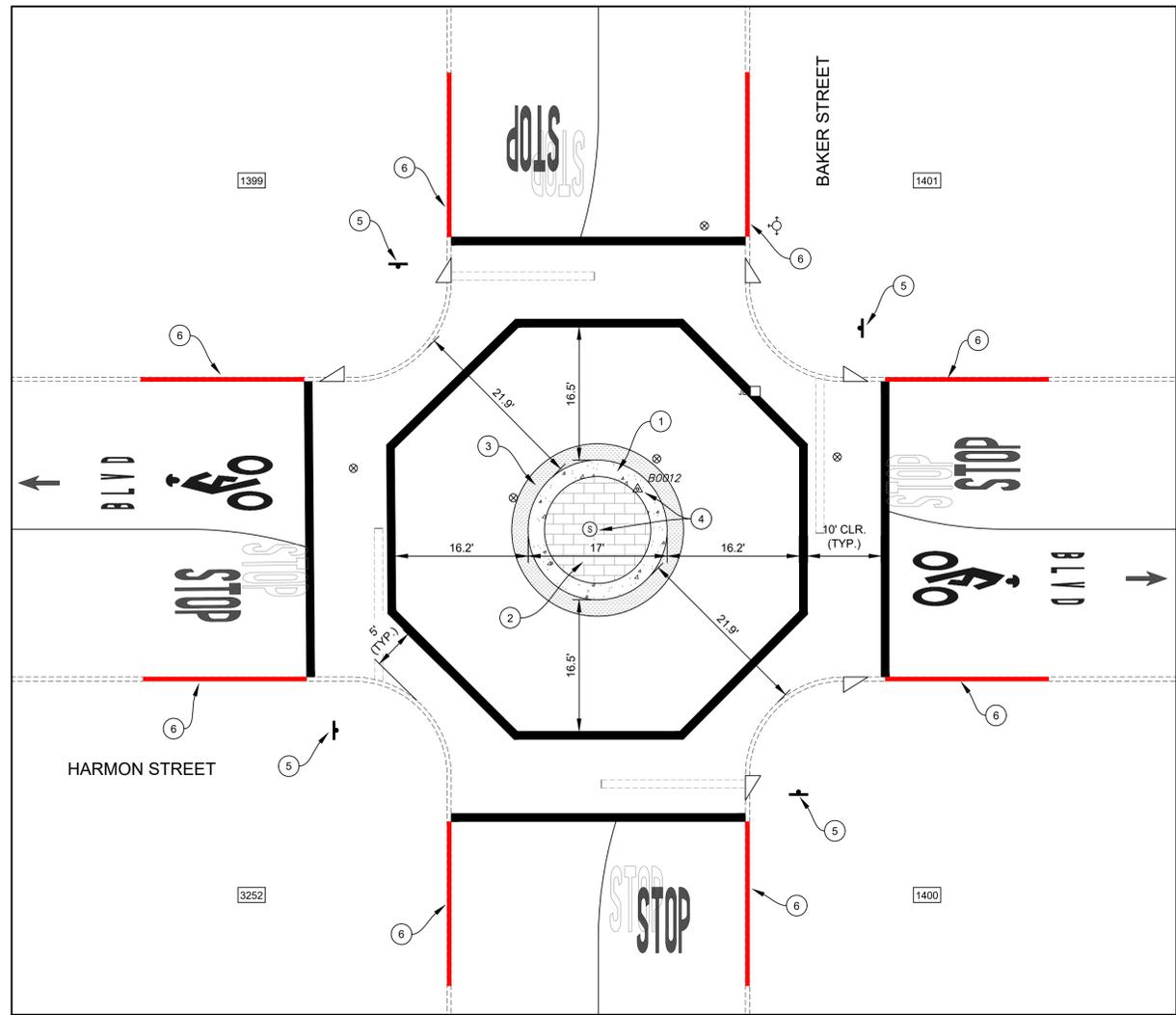
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN
0 1 2 3 FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	HORIZ. 1"=20'
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	VERT. N/A
		CITY ENGINEER: _____ DATE _____	BOOK _____
			AS BUILT _____ DATE 02/12/25



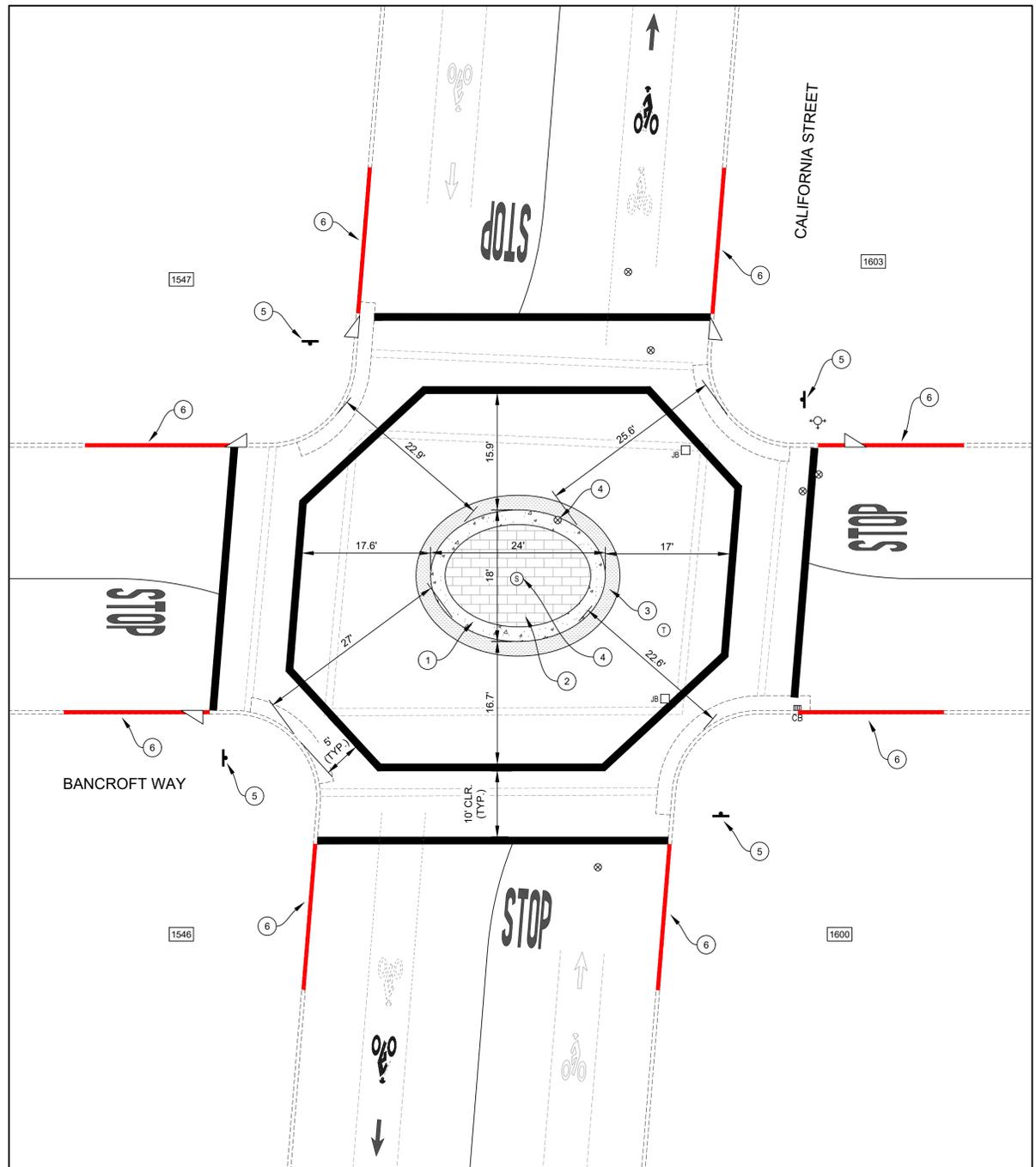
FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
THE UPLANDS EXTENSION
THE UPLANDS TO CUL-DE-SAC

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PLAN 8284
FILE 501-641
SHEET 45 OF 53



**MOUNTABLE TRAFFIC CIRCLE
HARMON STREET AT BAKER STREET**
1"=10' NORTH



**MOUNTABLE TRAFFIC CIRCLE
BANCROFT WAY AT CALIFORNIA STREET**
1"=10' NORTH

LEGEND

	PCC MOUNTABLE CURB		FIRE HYDRANT (EX.)
	STAMPED PCC		WATER VALVE
	HMA CONFORM		ROADSIDE SIGN & POST
	RED CURB PAINT		PROPERTY ADDRESS
	SURVEY WELL MONUMENT		HMA
	JUNCTION BOX		HOT MIX ASPHALT
	CATCH BASIN		ON CENTER
	CROSS DRAIN INLET / OUTLET		PCC
	MAINTENANCE HOLE COVER (D=STORM DRAIN, S=SEWER, T=AT&T)		RELATIVE COMPACTION
			REMOVE & REPLACE

CONSTRUCTION NOTES:

- 1 CONSTRUCTION PCC ROLLED CURB PER DETAIL ON SHEET 48.
- 2 CONSTRUCT STAMPED CONCRETE TRAFFIC CIRCLE PER DETAIL ON SHEET 48.
- 3 HMA CONFORM; MATCH EX. PAVEMENT THICKNESS, 8" MIN.
- 4 ADJUST UTILITY COVER TO FINISHED GRADE.
- 5 SALVAGE ROADSIDE SIGN (R1-1); REMOVE & REPLACE SIGN POST; INSTALL SALVAGED ROADSIDE SIGN (R1-1) & NEW ROADSIDE SIGN (R6-5P) ON POST SO THAT R1-1 IS ABOVE R6-5P.
- 6 RED CURB PAINT (20 LF). PAINT TOP & FACE OF CURB, TWO (2) COATS MIN.



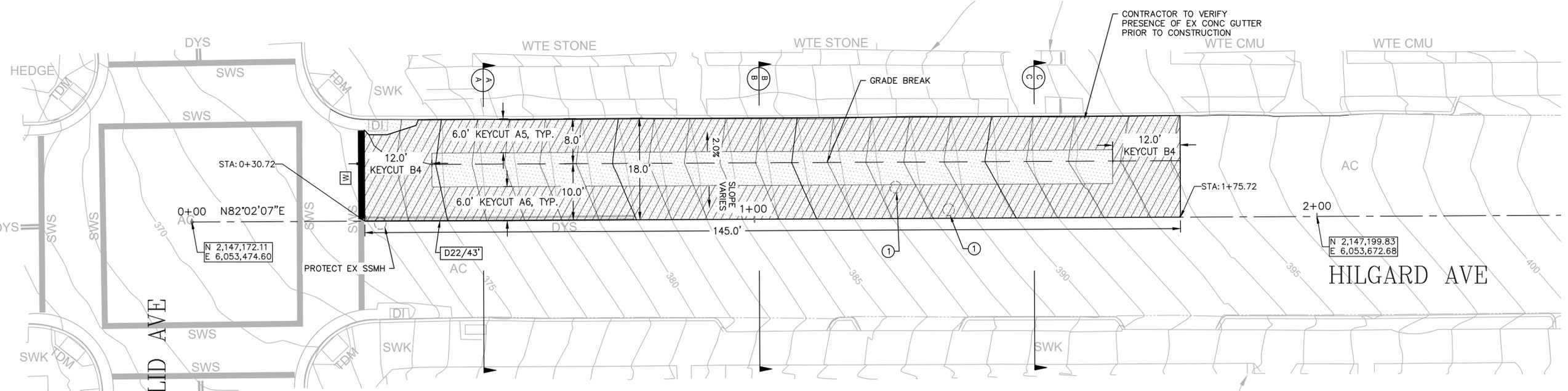
PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____
_____	SURVEY CHIEF OF PARTY _____ DATE _____	R.C.E. _____
_____	WATERSHED REVIEW: _____ DATE _____	EXP. _____
_____	_____	DESIGN JK, EN
_____	_____	DRAWN EN
_____	_____	CHECK MW, JK
_____	_____	AS BUILT _____
_____	_____	HORIZ. AS SHOWN _____
_____	_____	VERT. N/A
_____	_____	BOOK _____
_____	_____	DATE 02/12/25



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
ENLARGEMENTS
MOUNTABLE TRAFFIC CIRCLES

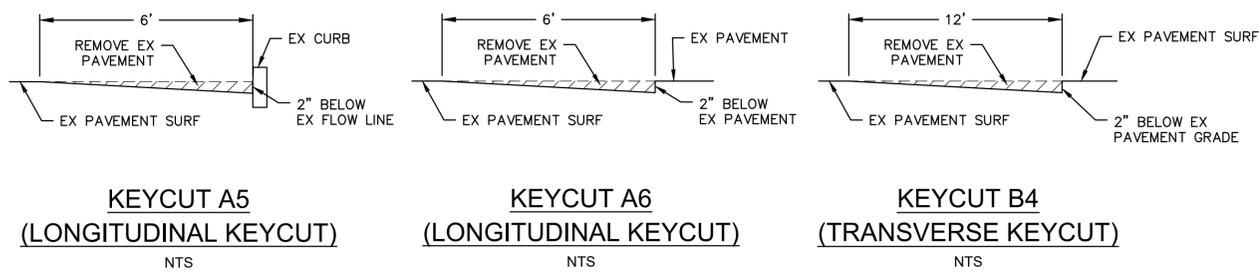
REVISION	MARK	DATE	APPROVAL

PLAN 8284
FILE 501-641
SHEET 46 OF 53

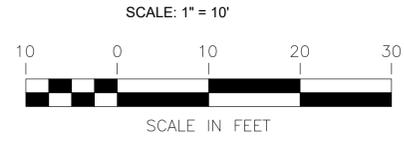


CONSTRUCTION NOTES

- ① LOWER UTILITY COVER PRIOR TO COLD PLANE AND ADJUST TO FINISH GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE.

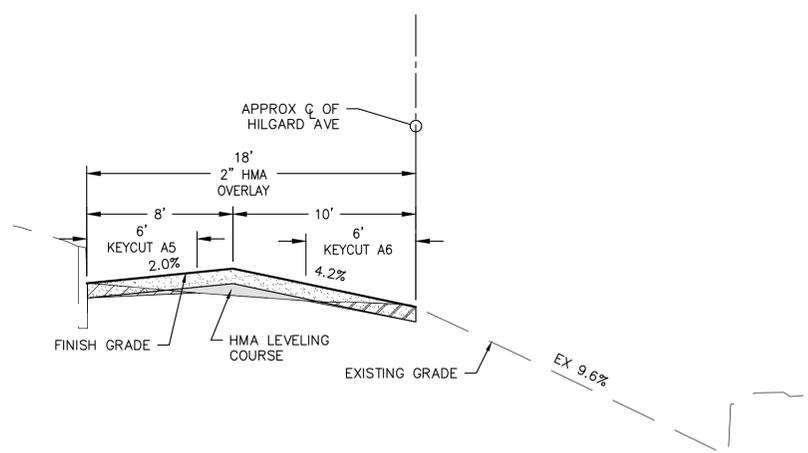


SITE PLAN



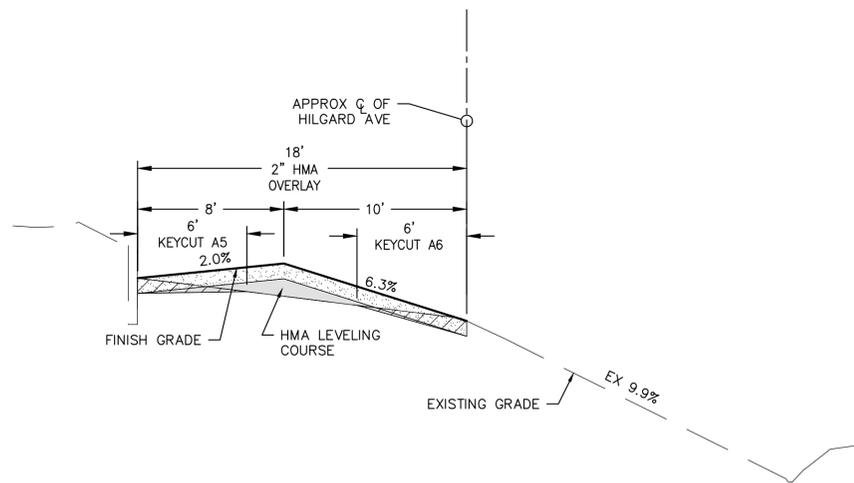
LEGEND

- 2" HMA OVERLAY, 3/4" MAX, TYPE A
- KEYCUT
- HMA LEVELING COURSE



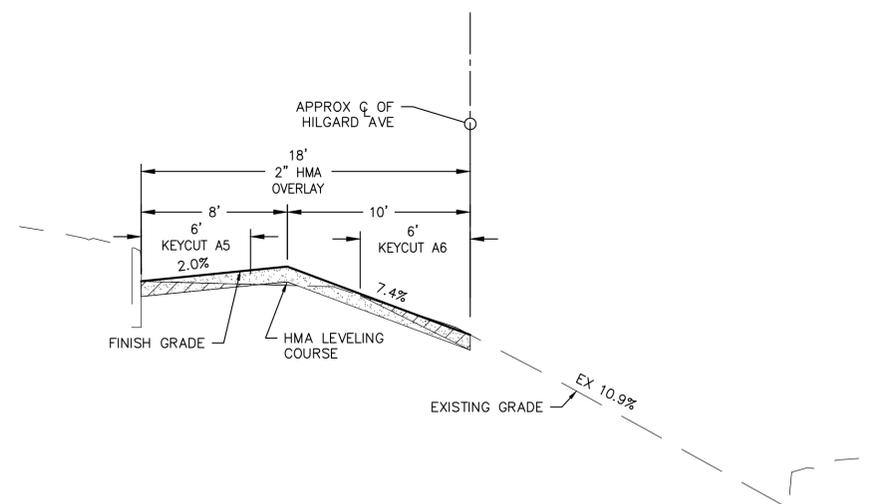
SECTION A-A

H. SCALE: 1" = 5'
V. SCALE: 1" = 1'



SECTION B-B

H. SCALE: 1" = 5'
V. SCALE: 1" = 1'



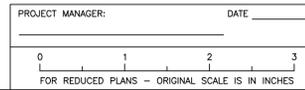
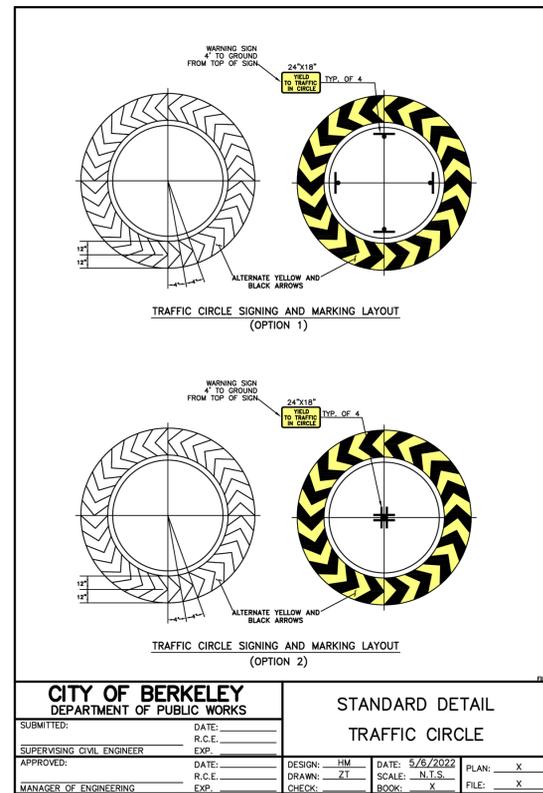
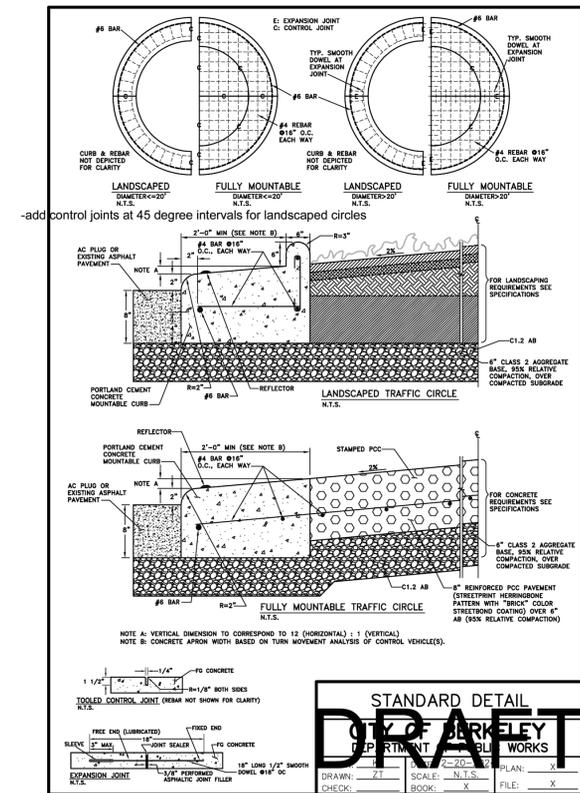
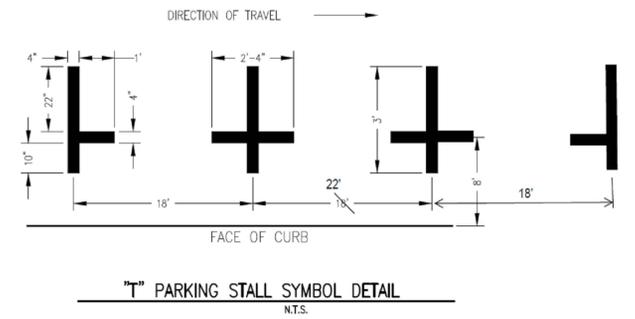
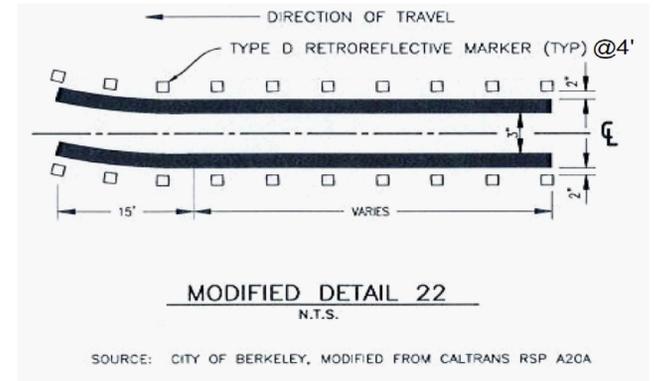
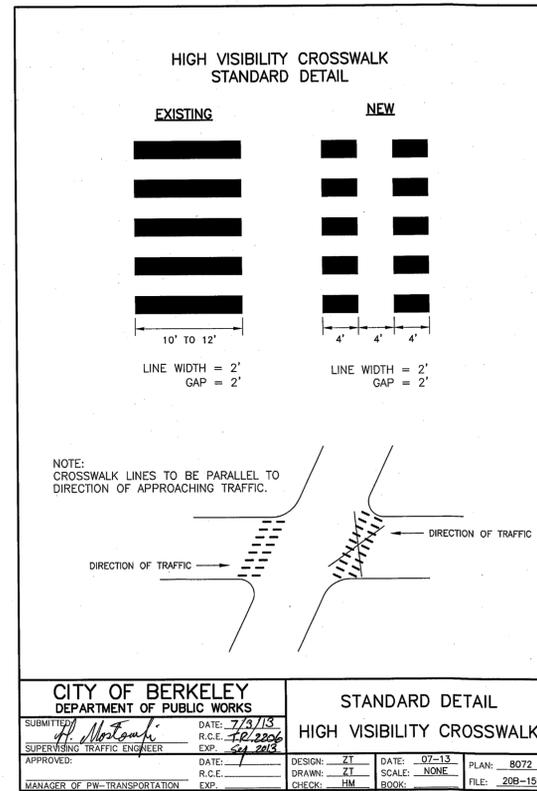
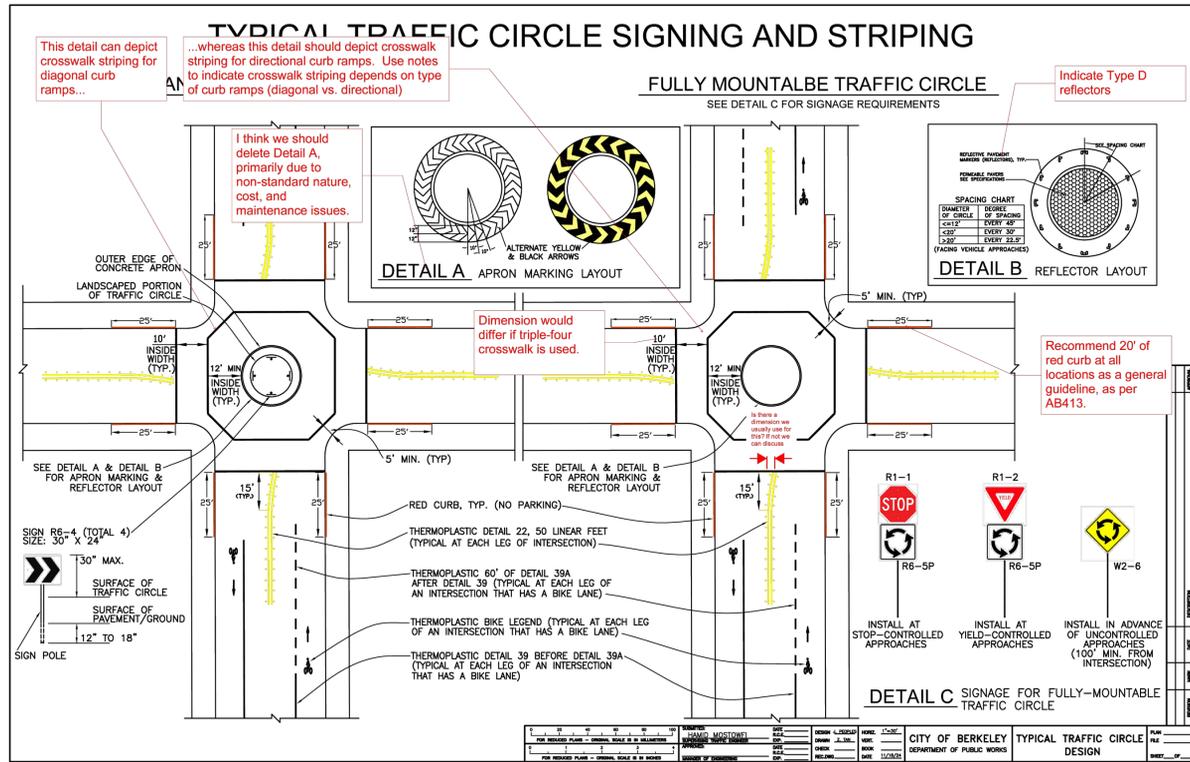
SECTION C-C

H. SCALE: 1" = 5'
V. SCALE: 1" = 1'



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: <u>JL</u>	HORIZ. _____	<p>930 Euclid Street Martinez, California 94501-0220 (925) 228-4218 Fax (925) 228-4639 www.lcc-inc.com</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT HILGARD AVE DRAINAGE IMPROVEMENTS
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	SURVEY CHIEF OF PARTY: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: <u>MMV</u>	VERT. _____		
	WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: <u>MMV</u>	BOOK _____		
		CITY ENGINEER: _____ DATE _____	AS BUILT _____	DATE: <u>02/05/25</u>		

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



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

SUBMITTED:	DATE	DESIGN:	JK, EN
SUPERVISING CIVIL ENGINEER:	EXP.	DRAWN:	EN
APPROVED:	DATE	CHECK:	MW, JK
CITY ENGINEER:	EXP.	AS BUILT:	

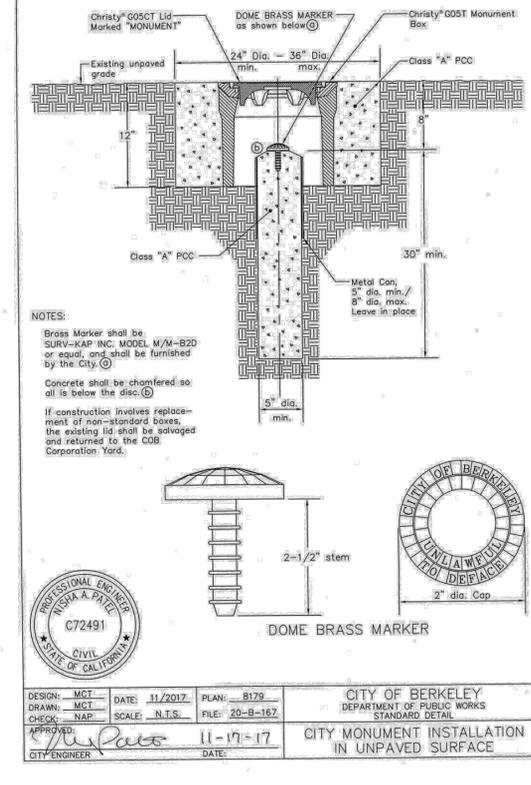
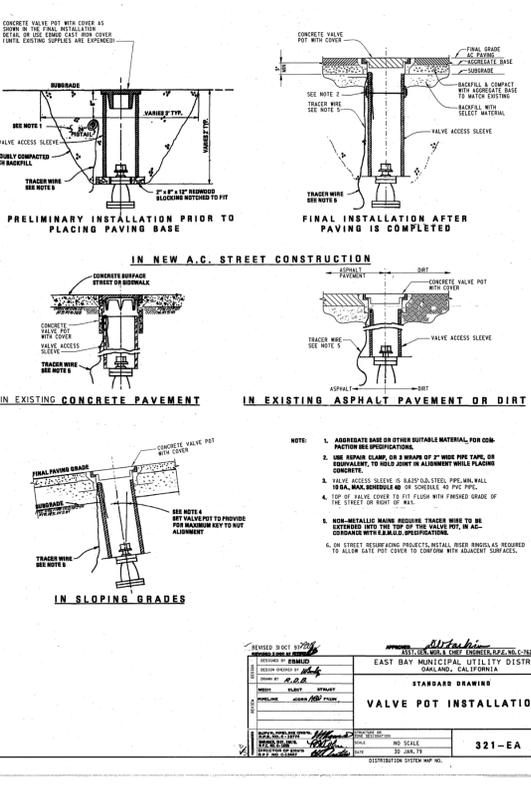
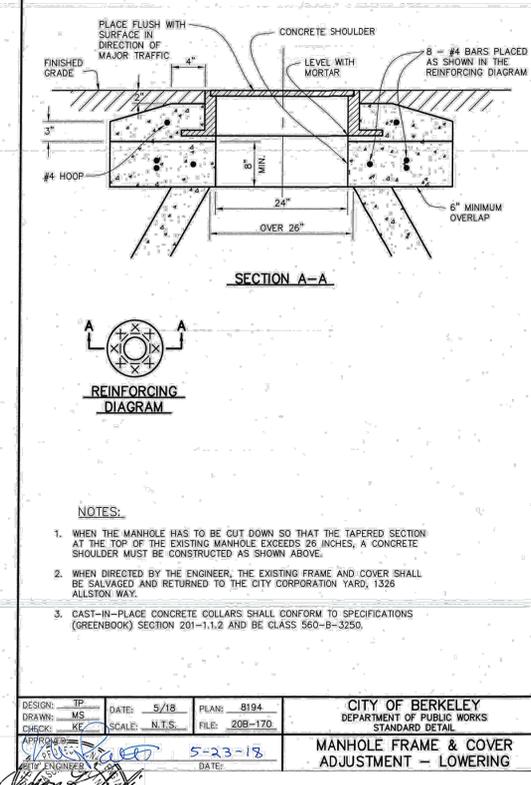
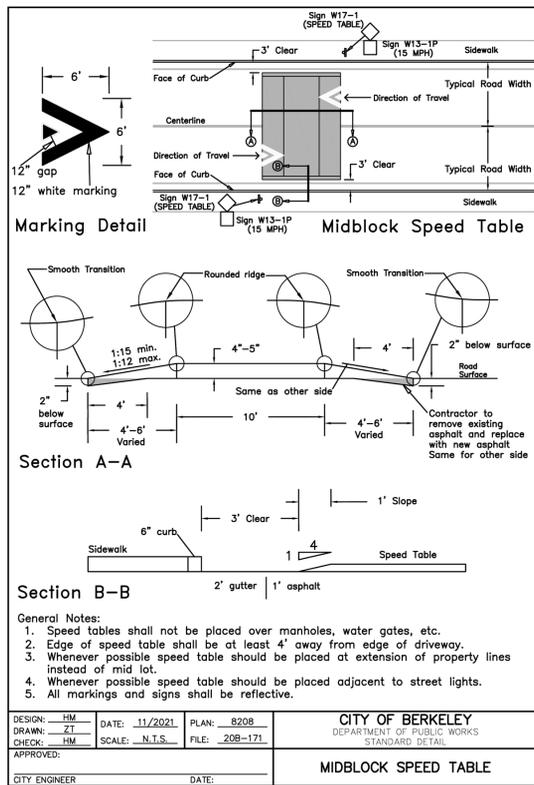
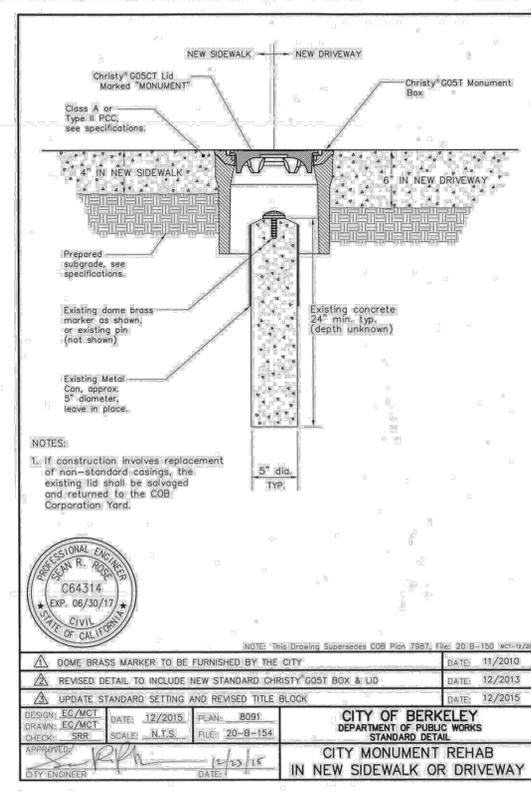
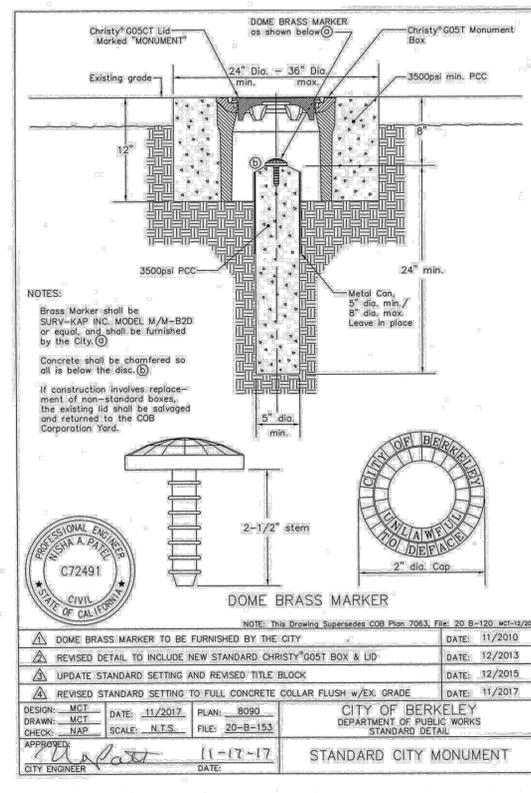
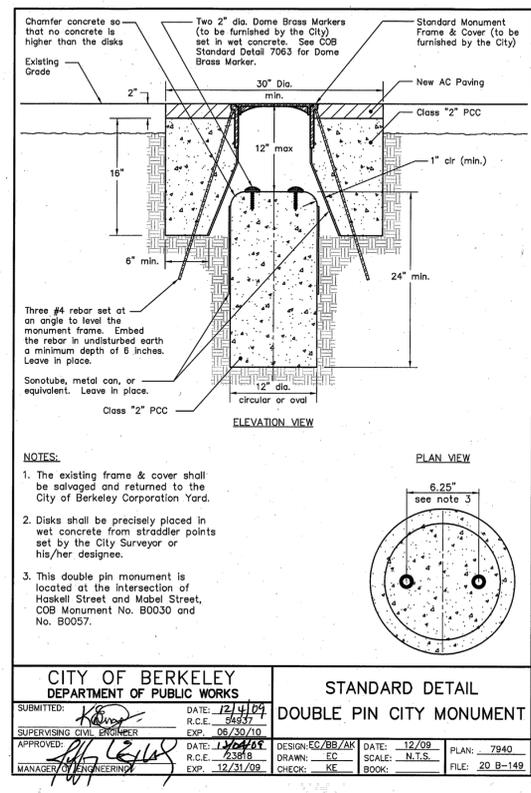
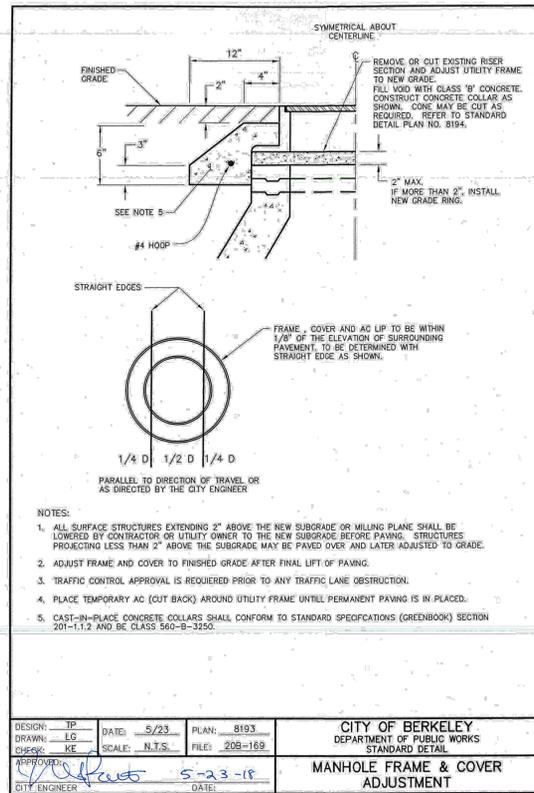
HORIZ.:	N/A
VERT.:	N/A
BOOK:	
DATE:	02/12/25



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
CONSTRUCTION DETAILS

PLAN:	8284
FILE:	501-641
SHEET:	48 OF 53

APPROVAL	
DESCRIPTION	
DATE	
MARK	
REVISION	



PROJECT MANAGER:	DATE:	DEPICTION OF MONUMENTS:	DATE:	SUBMITTED:	DATE:	DESIGN:	JK, EN	HORIZ.:	N/A
		SURVEY CHIEF OF PARTY:	DATE:	SUPERVISING CIVIL ENGINEER:	DATE:	DRAWN:	EN	VERT.:	N/A
		WATERSHED REVIEW:	DATE:	APPROVED:	DATE:	CHECK:	MW, JK	BOOK:	
				CITY ENGINEER:	DATE:	AS BUILT:		DATE:	02/12/25

DESIGN:	JK, EN	HORIZ.:	N/A
DRAWN:	EN	VERT.:	N/A
CHECK:	MW, JK	BOOK:	
AS BUILT:		DATE:	02/12/25

Pavement Engineering Inc.

You can ride on our reputation

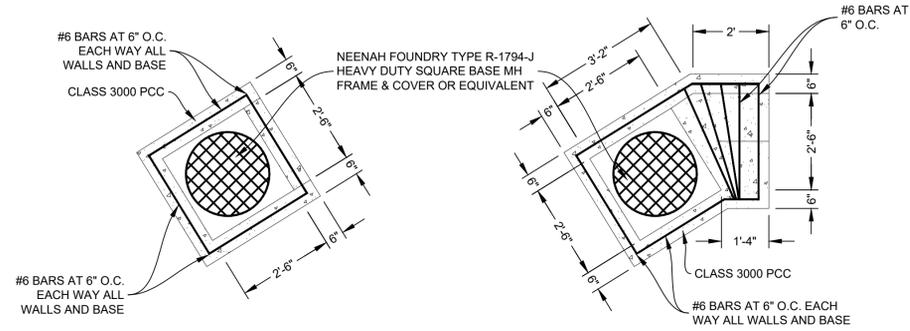
Corporate Office:
3485 Sacramento Drive, Suite A
San Jose, CA 95134
805.781.2266

FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT

CONSTRUCTION DETAILS

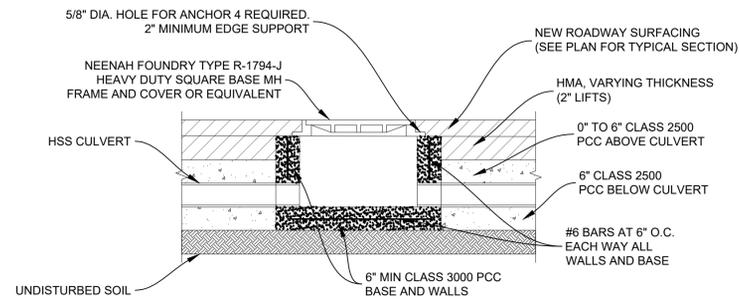
PLAN:	8284
FILE:	501-641
SHEET:	49 OF 53

APPROVAL	DATE	MARK	REVISION



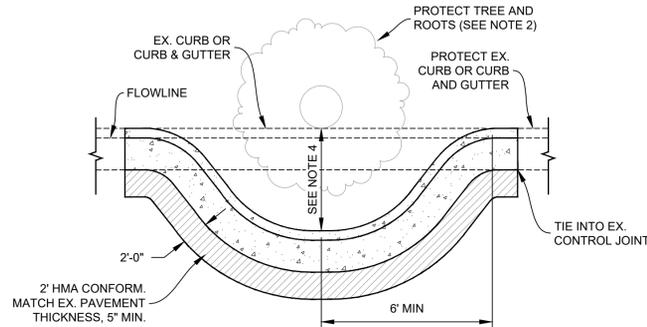
1-JB PLAN VIEW AND REBAR DETAILING

2-JB PLAN VIEW AND REBAR DETAILING



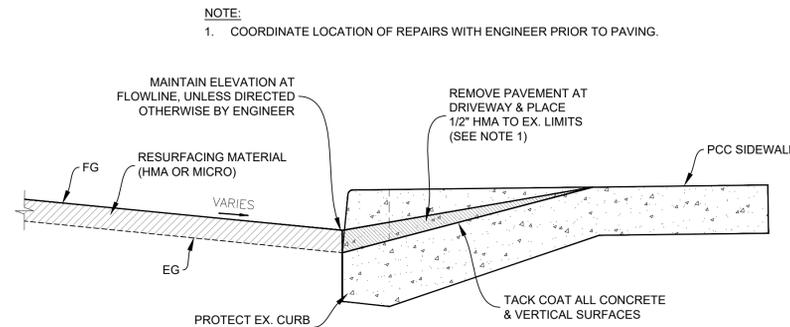
TYPICAL JB VERTICAL SECTION

STORM DRAIN JUNCTION BOX NTS



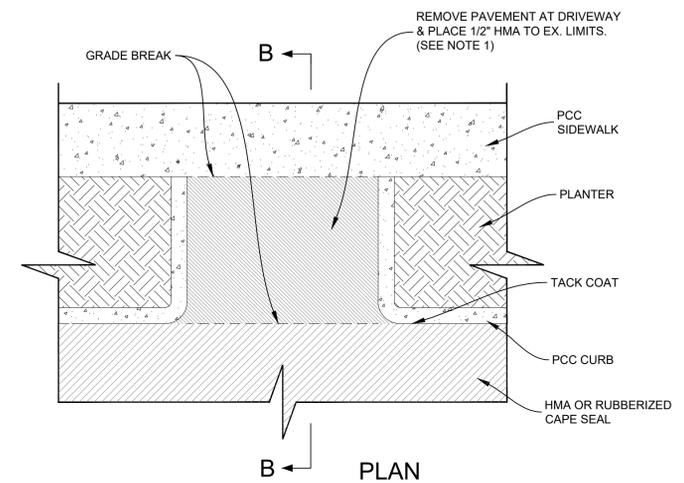
CURB & GUTTER BULBOUT AT TREE NTS

- NOTES:
- ALL CONCRETE TO CONFORM TO CITY OF BERKELEY SPECIFICATIONS FOR CLASS "B" CONCRETE. ONE EIGHTH (1/8) INCH EXPANSION OR WEAKENED PLANE JOINTS EVERY TWENTY FEET. FINISH WITH STEEL TROWEL.
 - CURB & GUTTER BULBOUT SHALL BE INSTALLED AT LOCATIONS IDENTIFIED FOR REPLACEMENT WHERE EXISTING TREE TRUNK IS IMMEDIATELY ADJACENT TO CURB, OR AS DIRECTED BY THE ENGINEER. CITY ARBORIST WILL INSPECT TREE & PROPOSED CURB & GUTTER CONSTRUCTION WITH CONTRACTOR PRIOR TO CONSTRUCTION.
 - DISTANCE BETWEEN BASE OF TREE TRUNK & EDGE OF CURB SHALL BE 18 INCHES, OR AS OR DIRECTED BY THE ENGINEER. CONFIRM DISTANCE WITH ENGINEER PRIOR TO FORMING.
 - MAINTAIN POSITIVE FLOW AT FLOW LINE BETWEEN LIMITS OF REMOVAL.
 - CURB OR CURB & GUTTER SHALL BE DIRECTED IN KIND TO MATCH ADJACENT FACILITY TO REMAIN, OR AS DIRECTED BY THE ENGINEER.

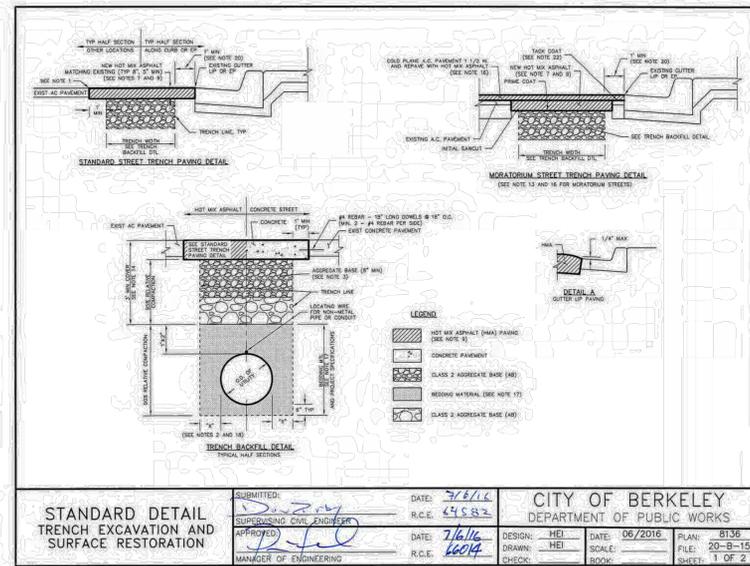


SECTION B-B

MISCELLANEOUS PAVING AT DRIVEWAY DETAIL NTS



PLAN



NOTES:

- TRENCH EXCAVATION IN THE PUBLIC RIGHT OF WAY SHALL CONFORM TO THE CITY OF BERKELEY GENERAL REGULATIONS FOR TRENCH EXCAVATION AND SURFACE RESTORATION IN THE PUBLIC RIGHT OF WAY. CUT THROUGH THE FULL DEPTH OF EXISTING SURFACES TO A NEAT STRAIGHT LINE AT LEAST 10 FEET OUTSIDE THE TRENCH LINE. RE-CUT PAVEMENT EDGES DAMAGED DURING CONSTRUCTION TO NEAT LINES PRIOR TO PAVING. APPLY PAINT BINDER (TACK COAT) TO ALL VERTICAL SURFACES IN ACCORDANCE WITH THE LATEST EDITION OF CALTRANS STANDARD SPECIFICATIONS.
- MINIMUM WIDTH OF TRENCH SHALL BE IN ACCORDANCE WITH THE DIMENSION SHOWN ON THE TRENCH BACKFILL DETAIL. DIMENSIONS "X" IS SHOWN BELOW FOR THE UTILITY "S".
- CLASS 2 AGGREGATE BASE (AB) SHALL BE INSTALLED IMMEDIATELY BELOW THE PAVEMENT SECTION TO BE REPLACED. THE AB QUALITY, GRADATION AND THE METHOD OF INSTALLATION SHALL BE IN CONFORMANCE WITH SECTION 20 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS. THE DEPTH OF THE AB SHALL BE IN ACCORDANCE WITH THE TRENCH BACKFILL DETAIL. 50% RELATIVE COMPACTION IS REQUIRED.
- RELATIVE COMPACTION SHALL BE DETERMINED BY CALIFORNIA TEST NUMBER 231 (NUCLEAR GAUGE) OR APPROVED EQUIVALENT. PERMITTEE SHALL ARRANGE AND PAY FOR THE TEST FOR RELATIVE COMPACTION WHICH ORDERED BY THE ENGINEER. THE TEST SHALL BE PERFORMED BY A QUALIFIED MATERIAL TESTING LABORATORY AND TEST RESULTS BE SUBMITTED TO ENGINEERING FORTY-FOUR (48) HOURS IN ADVANCE OF PERMANENT PAVING OPERATION.
- PERMITTEE SHALL PLACE TEMPORARY BITUMINOUS RESURFACING TWO (2) INCHES IN THICKNESS OVER THE COMPACTED BACKFILL AREAS. GREATER THICKNESS MAY BE REQUIRED FOR MAJOR INTERSECTIONS AND OTHER CRITICAL AREAS BY THE ENGINEER AS NECESSARY. STEEL PLATES MAY BE USED AS AN ALTERNATIVE IF APPROVED BY ENGINEER.
- TEMPORARY BITUMINOUS RESURFACING (OUT-BACK) SHALL BE MECHANICALLY COMPACTED IN PLACE TO A UNIFORM, EVEN SURFACE AND SHALL BE TRUE TO STREET GRADE AND CROSS SECTION. THE PERMITTEE SHALL REGULARLY INSPECT AND MAINTAIN THE TEMPORARY BITUMINOUS RESURFACING UNTIL THE EXCAVATION IS PERMANENTLY PAVED. THE SURFACING SHALL NOT VARY TO MORE THAN 1/2" FROM THE EDGE OF A 10' FOOT STRAIGHT EDGE. UPON NOTIFICATION, THE PERMITTEE SHALL CORRECT THE SURFACE DEFICIENCY WITHIN 48 HOURS. LOOSE ROCKS AND OTHER DEBRIS GENERATED FROM TEMPORARY RESURFACING OPERATIONS SHALL BE IMMEDIATELY REMOVED FROM THE WORKSITE.
- TEMPORARY BITUMINOUS RESURFACING SHALL BE REMOVED BEFORE PLACEMENT OF FINAL PAVING. FINAL PAVING SHALL BE MINIMUM FIVE (5) INCHES THICK OR SAME AS THE EXISTING PAVEMENT, WHICHEVER IS GREATER. THE PAVEMENT SHALL BE PLACED ON UNDISTURBED PREVIOUSLY COMPACTED BACKFILL AREAS.
- PAVEMENT OUTSIDE OF THE FINAL CUT LINE DAMAGED BY THE PERMITTEE'S OPERATIONS SHALL BE REMOVED BY SAW-CUTTING IN LINES PERPENDICULAR OR PARALLEL TO THE ORIGINAL TRENCH LINES. NO DIAGONAL CUTS WILL BE PERMITTED.
- HOT MIX ASPHALT (HMA) SHALL BE TYPE "A" IN CONFORMANCE WITH SECTION 28 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS. UNLESS OTHERWISE SPECIFIED IN THE ENCUMBRANCE PERMIT CONDITIONS OR AS DIRECTED BY THE PUBLIC WORKS DEPARTMENT, HMA SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
- THE TOP 1 1/2" OF HMA SHALL HAVE A MINIMUM AGGREGATE SIZE OF 1/2" UNLESS OTHERWISE SPECIFIED. THE HMA BENEATH THE TOP LAYER SHALL HAVE A MAXIMUM AGGREGATE SIZE OF 3/4".
- UPON COMPLETION OF PAVING OPERATIONS, THE PERMITTEE SHALL IMMEDIATELY REPLACE ALL PAVEMENT MARKINGS AND TRAFFIC STRIPING DAMAGED OR REMOVED BY HIS OPERATIONS. PAVEMENT MARKINGS AND TRAFFIC STRIPING SHALL BE REPLACED IN KIND OR WITH SUBSTITUTE MATERIAL APPROVED BY THE ENGINEER.
- WHEN ANY PORTION OF THE CURB AT A LEGAL PEDESTRIAN CROSSWALK OR ANY PORTION OF THE SIDEWALK IN IMMEDIATE CONTACT WITH SUCH CURB IS DAMAGED BY THE PERMITTEE'S OPERATIONS, THE PERMITTEE SHALL RECONSTRUCT, AS PART OF HIS REPLACEMENT OPERATIONS, A CURB RAMP AS SHOWN IN CITY OF BERKELEY STANDARD DETAIL NO. 6780.
- EXCAVATION ON STREETS RECONSTRUCTED OR RESURFACED WITHIN THE LAST 3 YEARS WILL NOT BE PERMITTED EXCEPT FOR CONDITIONS ENUMERATED IN THE CITY OF BERKELEY GENERAL REGULATIONS AND FOR TRENCH EXCAVATION AND SURFACE RESTORATION IN THE PUBLIC RIGHT OF WAY.
- MINIMUM COVER OVER UTILITIES IS COVERED BY THE CALIFORNIA PUBLIC UTILITIES COMMISSION. UTILITY OWNERS SHALL CONSIDER PLACING THEIR UTILITY LINE AT A GREATER DEPTH TO AVOID FUTURE RELOCATION DUE TO STREET ROAD RECONSTRUCTION. THE MINIMUM DEPTH SHALL INCLUDE SUFFICIENT CLEARANCE BETWEEN THE UTILITY AND PAVEMENT STRUCTURAL SECTION UPGRADE TO PREVENT DAMAGE BY CONSTRUCTION EQUIPMENT. THE PUBLIC WORKS DEPARTMENT RECOMMENDS A MINIMUM OF 36 INCHES OF COVER BELOW THE PRESENT SURFACE IN HIGHWAYS AND 24 INCHES BELOW FINISH GRADE IN SIDEWALKS AND OTHER PUBLIC RIGHT OF WAY.
- RESTORATION OF THE TRENCH EXCAVATION ON CALTRANS RIGHT OF WAY (SAN PABLO AVE., ASHBY AVE. AND TUNNEL RD.) SHALL BE IN ACCORDANCE WITH CALTRANS ENCUMBRANCE FORMS.
- RESTORE PAVEMENT AS FOLLOWS: FOR TRENCHES PARALLEL WITH THE CENTERLINE OF THE STREET, COLD PLANE AND REPAIR THE LANE IN WHICH THE TRENCH LIES. FOR TRANSVERSE TRENCHES, COLD PLANE AND REPAIR 1/2 LANE WIDTH ON EACH SIDE OF THE TRENCH. FOR SIDE HOLES, COLD PLANE AND REPAIR 1 LANE WIDTH ON EACH SIDE OF THE EXCAVATION. PRIOR TO COLD PLACING, THE TRENCH SHALL BE PAVED IN 3" HIGH MAXIMUM LIFTS TO THE ORIGINAL SURFACE. GRADES OF 1% TO 2% SHALL BE MAINTAINED THROUGHOUT THE EXCAVATION. THE REMAINING 1/2 INCHES OF THE EXISTING SURFACE OF THE TRENCH SHALL BE REPAIRED WITHIN 1 1/2 HOURS OF THE EXISTING SURFACE. THE REMAINING 1/2 INCHES MUST BE PAVED WITH CUT BACK ASPHALT UNTIL THE SURFACE IS PLACED. FINAL PAVING SHALL COMMENCE WITHIN 3 DAYS AFTER COLD CHIPPING. ALL LOOSE MATERIAL SHALL BE REMOVED FROM THE AREA TO BE REPAVED PRIOR TO REPAIRING.
- BEDDING MATERIAL SHALL BE CLASS 2 AB OR CRUSHED ROCK PER 2015 GREENBOOK, TABLE 200-2.1(A), 3/4" SIEVE SIZE. ALTERNATE MATERIALS SHALL BE APPROVED BY THE PUBLIC WORKS DEPARTMENT. IN NO CASE SHALL "FILL" GRAVEL BE ALLOWED. A MAXIMUM OF 6 INCHES OF SAND MAY BE USED AS A BEDDING MATERIAL FOR COMMUNICATION GAS AND ELECTRIC CONDUIT ONLY.
- FOR GAS, ELECTRIC AND COMMUNICATION CONDUITS WITH AN OUTSIDE DIAMETER EQUAL TO OR LESS THAN 4 INCHES, THE TRENCH WIDTH MAY BE REDUCED TO NO LESS THAN 12 INCHES.
- UNSATURABLE NATIVE MATERIAL SHALL BE EXCAVATED BELOW THE LIMIT OF EXCAVATION AND REPLACED WITH SUITABLE BACKFILL MATERIAL WHEN DIRECTED BY THE PUBLIC WORKS DEPARTMENT.
- WHERE THE TRENCH PARALLELS CURB AND THE NEAREST TRENCH LINE IS LESS THAN 3 FEET FROM THE GUTTER UP, ALL EXISTING HMA SHALL BE REPLACED TO THE GUTTER LIP.
- SLURRY CEMENT BACKFILL SHALL COMPLY WITH SECTION 19-3.02 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS.
- APPLY PAINT BINDER (TACK COAT) TO ALL EXISTING AC AND CONCRETE SURFACES IN ACCORDANCE WITH THE LATEST EDITION OF CALIFORNIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS.

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

DATE: 7/6/16
R.C.E. 45882

DESIGN: HEI
DRAWN: HEI
CHECK: HEI
BOOK: 20-B-155

DATE: 06/2016
SCALE: 20-B-155
FILE: 8136
SHEET: 1 OF 2

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

DATE: 7/6/16
R.C.E. 45882

DESIGN: HEI
DRAWN: HEI
CHECK: HEI
BOOK: 20-B-155

DATE: 06/2016
SCALE: 20-B-155
FILE: 8136
SHEET: 2 OF 2

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ.: N/A	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT CONSTRUCTION DETAILS	PLAN: 8284
SURVEY CHIEF OF PARTY: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: MW, JK	VERT.: N/A			FILE: 501-641
CITY ENGINEER: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK	BOOK: _____	REVISION: _____			SHEET: 51 OF 53
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	AS BUILT: _____ DATE: 02/12/25	DATE: 02/12/25	DATE: 02/12/25	DATE: 02/12/25			

CONCRETE REPAIR SUMMARY												
CONCRETE REPAIR NO.	STREET	ADDRESS	R&R PCC CURB	R&R PCC CURB & GUTTER*	R&R PCC ROLLED CURB	R&R PCC SWALE	R&R PCC SIDEWALK**	R&R PCC DRIVEWAY***	R&R PCC BUS PAD	CURB PAINT (G=GREEN, R=RED)	CONSTRUCT BULB OUT AT TREE	PRUNE & REMOVE TREE ROOTS
			LF	LF	LF	LF	SF	SF	SF	SF	EA	EA
A1	Wallace Street	1125 Russell		23							1	1
A2	Wallace Street	2726 Wallace	12									
A3	Wallace Street	2741 Wallace	12									
A4	California Street	2875 California	23				150					
A5	Oregon Street	2829 California		8			40					
A6	Oregon Street	1623 Oregon	26									1
A7	Oregon Street	1709 Oregon	11								1	1
A8	Oregon Street	Grove Park		38			98					
A9	Sacramento Street	1518 Dwight		16			16			R16		
A10	Sacramento Street	2406 Sacramento	5									
A11	Sacramento Street	2400 Sacramento	7									
A12	Sacramento Street	2398 Sacramento	8				18			R4		
A13	Sacramento Street	2216 Sacramento	17									
A14	Sacramento Street	2235 Sacramento	151				294			R40	1	
A15	Sacramento Street	1500 University	3									
A16	Bancroft Way	1125 Bancroft	20									1
A17	Bancroft Way	1127 Bancroft	22									1
A18	Bancroft Way	1129 to 1137 Bancroft	40									
A19	Bancroft Way	1128 to 1130 Bancroft	35					205				
A20	Bancroft Way	1215 to 1219 Bancroft	27								1	
A21	Bancroft Way	Bancroft Crnty Garden		23								
A22	Bancroft Way	Bancroft Crnty Garden		20								
A23	Bancroft Way	1318 Bancroft		14								
A24	Bancroft Way	1328 Bancroft		23								
A25	Bancroft Way	1425 to 1427 Bancroft	28				270	76				1
A26	Bancroft Way	1465 / 1475 Bancroft	35									
A27	Bancroft Way	1432 Bancroft	21									
A28	Bancroft Way	1450 Bancroft	4									
A29	Bancroft Way	2235 Sacramento	153					55			3	
A30	Bancroft Way	1709 Bancroft	17									1
A31	Bancroft Way	1733 Bancroft	12					42				
A32	Bancroft Way	1809 Bancroft	20							G20		
A33	Bancroft Way	1809 Bancroft		7			9					
A34	Bancroft Way	2245 McKinley		15								1
A35	Bancroft Way	2300 Bancroft	17							R17		
A36	Bancroft Way	2300 Bancroft	13				39			R13		
A37	Haste Street	2232 Haste		44				13				1
A38	Haste Street	2316 Haste		25								1
A39	Haste Street	2322 Haste		12				30				
A40	Haste Street	2322 Haste to 2430 Dana		162			55	135				1
*A41	Haste Street	2424 to 2440 Haste		57								
A42	Haste Street	2455 to 2650 Haste		25								1
A43	Euclid Avenue	2451 Ridge		20								
A44	Euclid Avenue	1801 Euclid	12									1
A45	Euclid Avenue	2451 Ridge		20								1
A46	Euclid Avenue	1712 Euclid		14								1
A47	Euclid Avenue	1712 Euclid		20								1
A48	Euclid Avenue	1694 Euclid		28								1
A49	Euclid Avenue	1676 to 1694 Euclid		40								1
A50	Euclid Avenue	2525 Le Conte						36				
A51	Euclid Avenue	1675 to 1685 Euclid		16								1
A52	Euclid Avenue	1617 Euclid to 2500 Cedar	62					30				
A53	Euclid Avenue	1580 Euclid	12									1
A54	Euclid Avenue	1496 to 1500 Euclid	94					98				1
A55	Euclid Avenue	1476 Euclid	21									1
A56	Euclid Avenue	1400 Hawthorn to 1406 Euclid		91								
A57	Euclid Avenue	1495 Euclid		30								1
A58	Euclid Avenue	EBMUD Lot		17								
A59	Euclid Avenue	EBMUD Lot to 1322 Euclid		9								
A60	Euclid Avenue	1306 to 1314 Euclid		65				51				1
A61	Euclid Avenue	Berryman Reservoir		25								
A62	Arlington Avenue	934 Arlington		25								
A63	Arlington Avenue	55 Southampton	8									
A64	Arlington Avenue	501 San Luis	17									
A65	Arlington Avenue	455 Arlington	18									

*ALL GUTTER PANS ARE TWO (2) FEET WIDE EXCEPT AT CONCRETE REPAIR NO. A27 WHERE WIDTH IS SEVEN (7) FEET.

CONCRETE REPAIR SUMMARY												
CONCRETE REPAIR NO.	STREET	ADDRESS	R&R PCC CURB	R&R PCC CURB & GUTTER*	R&R PCC ROLLED CURB	R&R PCC SWALE	R&R PCC SIDEWALK**	R&R PCC DRIVEWAY***	R&R PCC BUS PAD	CURB PAINT (G=GREEN, R=RED)	CONSTRUCT BULB OUT AT TREE	PRUNE & REMOVE TREE ROOTS
			LF	LF	LF	LF	SF	SF	SF	SF	EA	EA
A66	Mendocino Avenue	Median Island	215									
A67	Mendocino Avenue	928 Mendocino								61	110	
A68	Mendocino Avenue	908 to 924 Mendocino			281							
A69	Mendocino Avenue	924 Mendocino									78	
A70	Mendocino Avenue	912 to 916 Mendocino									126	
A71	Mendocino Avenue	862 to 965 Mendocino		1,455								
A72	Mendocino Avenue	965 Mendocino								37		
A73	Mendocino Avenue	965 Mendocino									40	
A74	Mendocino Avenue	959 Mendocino									32	
A75	Mendocino Avenue	955 Mendocino									32	
A76	Mendocino Avenue	955 to 956 Mendocino								68		
A77	Mendocino Avenue	955 Mendocino									63	
A78	Mendocino Avenue	952 to 955 Mendocino								148		
A79	Mendocino Avenue	952 Mendocino									52	
A80	Mendocino Avenue	935 to 952 Mendocino								132		
A81	Mendocino Avenue	935 Mendocino									64	
A82	Mendocino Avenue	931 to 935 Mendocino								440		
A83	Mendocino Avenue	931 Mendocino									104	
A84	Mendocino Avenue	929 to 931 Mendocino								24		
A85	Mendocino Avenue	929 Mendocino									84	
A86	Mendocino Avenue	927 to 929 Mendocino								312		
A87	Mendocino Avenue	925 to 927 Mendocino								32		
A88	Mendocino Avenue	923 to 925 Mendocino								128		
A89	Mendocino Avenue	919 to 923 Mendocino								40		
A90	Mendocino Avenue	915 to 919 Mendocino								48		
A91	Mendocino Avenue	911 to 915 Mendocino								64		
A92	Mendocino Avenue	901 to 911 Mendocino								340		
A93	Mendocino Avenue	900 Mendocino									108	
A94	Mendocino Avenue	850 Mendocino									72	
A95	Mendocino Avenue	812 to 900 Mendocino			508							
A96	Mendocino Avenue	842 Mendocino									60	
A97	Mendocino Avenue	834 to 838 Mendocino									240	
A98	Mendocino Avenue	830 Mendocino									84	
A99	Mendocino Avenue	822 to 826 Mendocino									138	
B1	Mendocino Avenue	901 Mendocino								140	64	
B2	Mendocino Avenue	847 Mendocino								12	56	
B3	Mendocino Avenue	843 to 847 Mendocino								40		
B4	Mendocino Avenue	839 Mendocino								16	48	
B5	Mendocino Avenue	833 Mendocino								96		
B6	Mendocino Avenue	829 to 833 Mendocino									131	
B7	Mendocino Avenue	823 to 829 Mendocino								152		
B8	Mendocino Avenue	823 Mendocino								152	48	
B9	Mendocino Avenue	817 Mendocino								10	72	
B10	Mendocino Avenue	818 Mendocino									90	
B11	Mendocino Avenue	811 Mendocino								80	76	
B12	Mendocino Avenue	811 to 862 Mendocino								84		
B13	Mendocino Avenue	862 Mendocino									76	



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

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

DESIGN JK, EN HORIZ. N/A
 DRAWN EN VERT. N/A
 CHECK MW, JK BOOK _____
 AS BUILT DATE 02/12/25

DATE _____
 R.C.E. _____
 EXP. _____

DATE _____
 R.C.E. _____
 EXP. _____



FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 CONCRETE REPAIR & CURB RAMP SUMMARY TABLES

PLAN 8284
 FILE 501-641
 SHEET 52 OF 53

APPROVAL
DESCRIPTION
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CONCRETE REPAIR SUMMARY												
CONCRETE REPAIR NO.	STREET	ADDRESS	R&R PCC CURB	R&R PCC CURB & GUTTER*	R&R PCC ROLLED CURB	R&R PCC SWALE	R&R PCC SIDEWALK**	R&R PCC DRIVEWAY***	R&R PCC BUS PAD	CURB PAINT (G=GREEN, R=RED)	CONSTRUCT BULB OUT AT TREE	PRUNE & REMOVE TREE ROOTS
			LF	LF	LF	LF	SF	SF	SF	EA	EA	
B14	Keeler Avenue	1000 to 1030 Keeler			536							
B15	Keeler Avenue	1030 Keeler						66				
B16	Keeler Avenue	1028 Keeler						114				
B17	Keeler Avenue	1020 Keeler						84				
B18	Keeler Avenue	1016 Keeler						96				
B19	Keeler Avenue	1010 Keeler						114				
B20	Keeler Avenue	1006 Keeler						96				
B21	Keeler Avenue	998 Keeler to 70 Forest			614							
B22	Keeler Avenue	998 Keeler						114				
B23	Keeler Avenue	984 Keeler						72				
B24	Keeler Avenue	980 Keeler						72				
B25	Keeler Avenue	1033 Keeler					156	80				
B26	Keeler Avenue	1025 to 1033 Keeler		158								
B27	Keeler Avenue	1023 Keeler					24					
B28	Keeler Avenue	1023 Keeler						72				
B29	Keeler Avenue	1021 to 1023 Keeler					40					
B30	Keeler Avenue	1021 Keeler						80				
B31	Keeler Avenue	1021 Keeler					88					
B32	Keeler Avenue	1015 to 1025 Keeler		198								
B33	Keeler Avenue	1015 Keeler					56					
B34	Keeler Avenue	1000 to 1015 Keeler		182								
B35	Keeler Avenue	1007 Keeler						80				
B36	Keeler Avenue	1000 to 1007 Keeler					120					
B37	Keeler Avenue	1000 Keeler						76				
B38	Keeler Avenue	1000 Keeler					40					
B39	Keeler Avenue	955 Keeler					264					
B40	Keeler Avenue	955 to 977 Keeler					388					
B41	Keeler Avenue	955 Keeler to 106 Forest		363								
B42	Keeler Avenue	976 Keeler						90				
B43	Keeler Avenue	968 Keeler						96				
B44	Keeler Avenue	964 Keeler						72				
B45	Keeler Avenue	960 Keeler						60				
B46	Keeler Avenue	954 Keeler						96				
B47	Keeler Avenue	95 Forest			64			108				
B48	Keeler Avenue	95 Forest to 900 Keeler			254							
B49	Keeler Avenue	920 to 922 Keeler						170				
B50	Keeler Avenue	904 to 920 Keeler					66					
B51	Keeler Avenue	904 Keeler						90				
B52	Keeler Avenue	900 Keeler						90				
B53	Keeler Avenue	977 Keeler					40					
B54	Keeler Avenue	977 Keeler						86				
B55	Keeler Avenue	973 to 977 Keeler					187					
B56	Keeler Avenue	973 Keeler to 106 Forest						74				
B57	Keeler Avenue	106 Forest						108				
B58	Keeler Avenue	108 Forest		28			24					
B59	Keeler Avenue	933 Keeler to 2610 Marin		516								
B60	Keeler Avenue	139 Forest					112					
B61	Keeler Avenue	139 Forest to 927 Keeler					72					
B62	Keeler Avenue	925 Keeler					8					
B63	Keeler Avenue	925 Keeler						72				
B64	Keeler Avenue	915 to 925 Keeler					152					
B65	Keeler Avenue	915 Keeler						18				
B66	Keeler Avenue	907 to 915 Keeler					216					
B67	Woodmont Avenue	633 to 647 Woodmont	8									
B68	The Uplands Ext.	305 The Uplands Ext.		29				228				
B69	The Uplands Ext.	299 to 287 The Uplands Ext.					46					
B70	The Uplands Ext.	287 The Uplands Ext.					6					
TOTALS =			1,206	3,861	2,257	52	5,806	5,449	36	110	7	24

CURB RAMP SUMMARY TABLE											
CURB RAMP NO.	MAIN STREET	CROSS STREET	QUADRANT	RAMP CASE	R&R PCC SIDEWALK	R&R PCC CURB & GUTTER	REMOVE CROSS DRAIN PIPE	REMOVE CROSS DRAIN COVER	INSTALL STORM DRAIN PIPE	INSTALL CATCH BASIN	RED CURB PAINT
					(SF)	(LF)	(LF)	(EA)	(LF)	(EA)	(LF)
C1	Euclid Avenue	Hilgard Avenue	SW	A	273	79					30
C2	Euclid Avenue	Hilgard Avenue	NW	B	328	67					7
C3	Euclid Avenue	Hilgard Avenue	SE	A	200	22					16
C4	Euclid Avenue	Hilgard Avenue	NE	A	200	28	22	1	22	1	9
TOTALS =					1,001	196	22	1	22	1	62

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

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

DESIGN JK, EN _____ DATE _____
 DRAWN EN _____ DATE _____
 CHECK MW, JK _____ DATE _____
 AS BUILT _____ DATE _____

HORIZ. N/A _____ DATE 02/12/25
 VERT. N/A _____
 BOOK _____
 DATE 02/12/25



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