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UPPER PACIFIC SIDEWALK IMPROVEMENTS

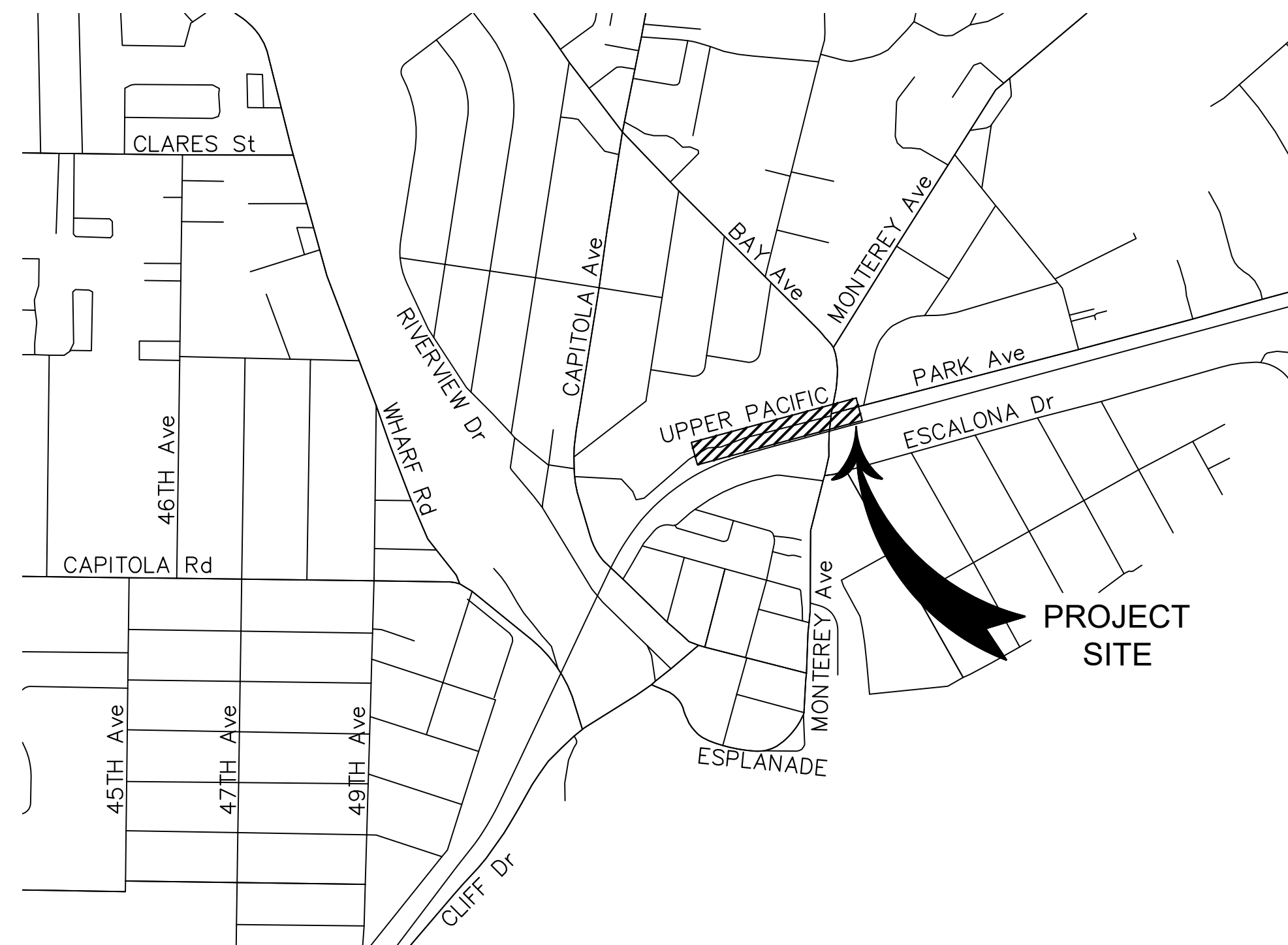
SANTA CRUZ COUNTY
CAPITOLA, CALIFORNIA

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PROJECT DESCRIPTION

PROVIDE PEDESTRIAN ACCESS TO THE DOWNTOWN VILLAGE BY CONSTRUCTING SIDEWALK IMPROVEMENTS FROM THE THE UPPER PACIFIC PARKING LOT TO THE INTERSECTION AT MONTEREY AND PARK AVENUE. THE PROJECT SCOPE INCLUDES CONSTRUCTING NEW SIGNING, STRIPING, CURB, GUTTER, SIDEWALK, AND RETAINING WALL ON THE SOUTH SIDE OF THE UPPER PACIFIC PARKING LOT DRIVEWAY.

TO BE SUPPLEMENTED BY THE PROJECT SPECIFICATIONS, CITY OF CAPITOLA STANDARD DRAWINGS, CALTRANS REVISED STANDARD PLANS DATED APRIL 17, 2020, AND CALIFORNIA MUTCD REV 5 DATED MARCH 27, 2020.



VICINITY MAP
NO SCALE

ACCEPTANCE OF PLANS


THE CITY OF CAPITOLA HEREBY ACCEPTS THESE PLANS FOR CONSTRUCTION, AS BEING IN GENERAL COMPLIANCE WITH PLANS PREPARATION REQUIREMENTS OF THIS GOVERNMENT. RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF THE PLANS AND RELATED DESIGN RESIDES WITH THE ENGINEER AND ENGINEERING FIRM OF RECORD.

XX/XX/2024
DATE

JESSICA KAHN P.E.
DIRECTOR OF PUBLIC WORKS
CITY ENGINEER
CITY OF CAPITOLA



65% PS&E
FOR REVIEW ONLY
JANUARY 2024

No.	REVISIONS	DATE	BY	 © 2015 KIMLEY-HORN AND ASSOCIATES, INC. 100 WEST SAN FERNANDO STREET, SUITE 250, SAN JOSE, CA 95113 PHONE: 669-800-4130 WWW.KIMLEY-HORN.COM	KHA PROJECT 097763140 DATE 1/31/2024 SCALE AS SHOWN DESIGNED BY DW DRAWN BY DW CHECKED BY JP	UPPER PACIFIC SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF CAPITOLA SANTA CRUZ COUNTY CA	TITLE	SHEET NO. <u>1</u> OF <u>XX</u> SHEETS T-1

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GENERAL PROJECT NOTES

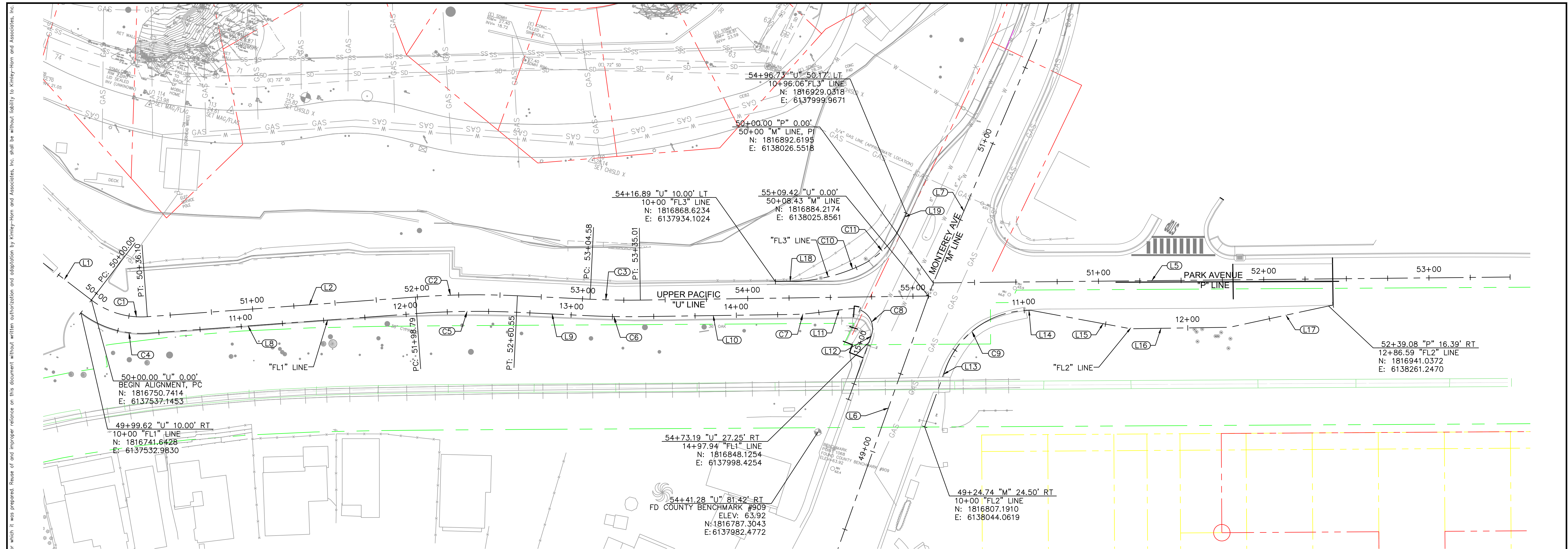
1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND THE PROJECT SPECIFICATIONS.
2. CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO CONTRACTORS"
3. EXACT FIELD LOCATION FOR NEW IMPROVEMENTS SHALL BE APPROVED BY THE ENGINEER BEFORE CONSTRUCTION.
4. VERIFICATION OF EXISTING CONDITIONS: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES ARE NOTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR DIRECTION.
5. UNDERGROUND SERVICE ALERT: A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT 811 FOR EXISTING UTILITY LOCATIONS.
6. UNDERGROUND FACILITIES: THE LOCATION OF EXISTING UNDERGROUND UTILITY FACILITIES, IF SHOWN ON THE PLANS, ARE APPROXIMATE ONLY. CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANY TO OBTAIN INFORMATION REGARDING THE DEPTH OF BURIAL AND HORIZONTAL LOCATION OF UTILITY LINES AS NECESSARY, FIELD VERIFY OBTAINED INFORMATION, AND NOTIFY ENGINEER OF ANY CONFLICTS OR OMISSIONS.
7. NOTICE TO PROCEED: CONTRACTOR SHALL NOT COMMENCE WORK UNTIL AFTER A PRE-CONSTRUCTION MEETING HAS BEEN HELD WITH THE CITY, AND AFTER A NOTICE TO PROCEED HAS BEEN ISSUED BY THE CITY.
8. TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MEN, AND OTHER DEVICES TO PROVIDE FOR SAFE PASSAGE OF PUBLIC VEHICULAR, BIKE, AND PEDESTRIAN TRAFFIC.
9. THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL & SIGNING PLAN TO THE ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE NOTICE TO PROCEED SHALL NOT BE ISSUED UNTIL SAID TRAFFIC CONTROL PLAN HAS BEEN SUBMITTED AND APPROVED BY THE CITY.
10. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY DEVICES IN ACCORDANCE WITH CURRENT CALTRANS TRAFFIC CONTROL STANDARDS INCLUDING, BUT NOT LIMITED TO, STRIPING, SIGNS, BARRICADES, AND FLAG PERSONS.
11. CONTRACTOR SHALL KEEP EXISTING STREETS FREE FROM DIRT AND DEBRIS DURING ALL PHASES OF CONSTRUCTION.
12. CONTRACTOR SHALL PROVIDE DUST CONTROL AT ALL TIMES. PRIOR TO OBTAINING WATER FROM FIRE HYDRANTS, CONTRACTOR SHALL OBTAIN A HYDRANT METER FROM OPERATOR OF WATER SYSTEM.
13. CONTRACTOR SHALL MAINTAIN ACCESS TO PROPERTIES ALONG CLARES STREET THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES.
14. ALL EXISTING UTILITY FACILITIES WITHIN THE PROJECT SHOWN ON THE PLANS ARE TO ADJUSTED TO GRADE BY THE CONTRACTOR. UTILITY COMPANIES, HOWEVER, RESERVE THE RIGHTS TO ADJUST THEIR FACILITIES TO GRADE USING THEIR OWN FORCES AFTER THE CONTRACT IS AWARDED. NO COMPENSATION WILL BE ALLOWED FOR ANY ADJUSTMENT WHICH MAY BE PERFORMED BY THE OWNER OF THE FACILITIES. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES TO HAVE THEIR STRUCTURES ADJUSTED TO GRADE OR TO OBTAIN WRITTEN PERMISSION FROM UTILITY COMPANIES TO ADJUST THEIR STRUCTURES TO GRADE.
15. UTILITY REPAIR: CONTRACTOR SHALL REPAIR ANY DAMAGE OR INTERRUPTION OF UTILITIES, WATER LINES OR IRRIGATION SYSTEMS CAUSED BY CONSTRUCTION IMMEDIATELY.
16. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING EXISTING STREETS, SURROUNDING LANDSCAPE, AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING AND GRADING, ETC., AND IS TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
17. CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND CAL OSHA.
18. WHEN HAULING ANY EARTH, SAND, GRAVEL, STONE, DEBRIS, PAPER, OR ANY OTHER SUBSTANCE OVER ANY PUBLIC STREET, ALLEY, OR PUBLIC PLACE, THE CONTRACTOR SHALL NOT ALLOW MATERIAL TO BLOW OR SPILL OVER AND UPON SAID PUBLIC, ADJACENT OR PRIVATE PROPERTY.
19. GRADING OR ANY OTHER OPERATION THAT CREATES DUST SHALL BE STOPPED IMMEDIATELY IF DUST AFFECTS ADJACENT PROPERTIES. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES AND A DUST PALLIATIVE MAY BE REQUIRED BY THE CITY ENGINEER. MUD TRACKED ONTO STREETS OR ADJACENT PROPERTIES SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. STREETS SHALL BE SWEEP AS DIRECTED BY THE CITY INSPECTOR.
20. ALL NEW STORM DRAIN INLETS SHALL BE STENCILED OR STAMPED WITH THE CITY'S CLEAN WATER PROGRAM STANDARD LOGO, "NO DUMPING-DRAINS TO CREEK", PRIOR TO THE FINAL INSPECTION. COORDINATE WITH ENGINEER.
21. ALL EXISTING IRRIGATION, LANDSCAPE MATERIALS, PAVEMENT DELINEATION, CURB AND GUTTER, AND OTHER IMPROVEMENTS, THAT ARE NOT TO BE REMOVED BUT ARE DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED OR RESTORED TO EXISTING CONDITION AT NO ADDITIONAL EXPENSE TO THE CITY.
22. TREES TO REMAIN SHALL BE FLAGGED AND MARKED PRIOR TO ANY CLEARING OR GRUBBING WORK. WHERE REQUIRED BY THE CITY, PROTECTIVE FENCING SHALL BE INSTALLED PRIOR TO COMMENCING ANY GRADING, REMOVAL, OR DEMO WORK. LOCATIONS OF FENCING SHALL BE DETERMINED IN THE FIELD BY THE CITY UPON COMPLETION OF THE STAKING DAYLIGHT LINES.
23. TOPOGRAPHIC DATA SHOWN ON THESE PLANS BASED ON SURVEY DATA PROVIDED BY BOWMAN & WILLIAMS, FEBRUARY 2017.
24. ROADWAY STRUCTURAL SECTIONS SHOWN ON THESE PLANS BASED ON GEOTECHNICAL INVESTIGATION PROVIDED BY ALL EARTH GEOTECHNICAL ENGINEERS, DECEMBER 2023.

25. THE TERM "DESIGN ENGINEER" USED HEREIN SHALL MEAN THE ENGINEER WHO HAS SIGNED AND SEALED HIS/HER RESPECTIVE PLAN SHEETS AND IS IN RESPONSIBLE CHARGE OF THE ENGINEERING DESIGN ON THOSE SHEETS. THE TERM "CONTRACTOR" USED HEREIN SHALL MEAN ANY GENERAL CONTRACTOR OR SUBCONTRACTOR USING THESE PLANS.
26. THE DESIGN ENGINEER SHALL NOT PROVIDE, OBSERVE, COMMENT ON NOR ENFORCE ANY SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, IMPLEMENT, AND MAINTAIN ALL SAFETY MEASURES AND SHALL BE SOLELY RESPONSIBLE FOR ALL REQUIRED SAFETY MEASURES, PROCEDURES AND PROGRAMS AND COMPLYING WITH ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS. THE CONTRACTOR AGREES THAT SHE/H HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS AND SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
27. THE DESIGN ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY OF THE CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION, TECHNIQUES, EQUIPMENT CHOICE AND USAGE, SEQUENCE, SCHEDULE, SAFETY PROGRAMS, OR SAFETY PRACTICES, NOR SHALL THE DESIGN ENGINEER HAVE ANY AUTHORITY OR RESPONSIBILITY TO DIRECT OR STOP THE WORK OF ANY CONTRACTOR.
28. ANY CHANGES MADE BY THE CONTRACTOR TO THE CONTRACTUALLY AGREED UPON SCOPE, SCHEDULE AND/OR FEE, WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF THE OWNER, IS THE SOLE RESPONSIBILITY AND LIABILITY OF THE CONTRACTOR. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR DIRECTING, IMPLICITLY OR EXPLICITLY ANY SUCH CHANGES AND THE CONTRACTOR ASSUMES ALL RISK OF UNDERTAKING ANY SUCH CHANGES.
29. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE DESIGN ENGINEER AND OWNER, THEIR OFFICERS, AGENTS AND EMPLOYEES, HARMLESS FROM ANY AND ALL CLAIMS, DEMANDS, JUDGMENTS, LOSS, DAMAGES, COSTS, EXPENSES, FEES OR LIABILITY WHATSOEVER, REAL OR ALLEGED, IN CONNECTION WITH, IN WHOLE OR IN PART, DIRECTLY OR INDIRECTLY, THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE DESIGN ENGINEER.
30. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS, THE CONTRACTOR SHALL REQUEST IN WRITING FROM THE DESIGN ENGINEER AND THE OWNER, AN INTERPRETATION BEFORE PERFORMING ANY RELATED OR IMPACTED WORK. ANY ELECTRONIC FILES ARE PROVIDED ONLY FOR THE CONVENIENCE OF THE RECEIVING PARTY AND ARE INTENDED SOLELY FOR THE EXCLUSIVE USE BY THAT PARTY FOR THE PURPOSES EXPRESSLY AUTHORIZED. IN ACCORDANCE WITH STANDARD INDUSTRY PRACTICE, ONLY PRINTED COPIES OF DOCUMENTS MAY BE RELIED UPON.
31. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PREPARING ITS BID, IN WHOLE AND IN PART, BASED UPON THE DESIGN SHOWN ON THESE PLANS. THE CONTRACTOR IS NOT AUTHORIZED TO USE ANY QUANTITIES SHOWN ON THESE PLANS WITHOUT THE EXPLICIT WRITTEN PERMISSION OF THE ENGINEER OF RECORD. THE DESIGN ENGINEER MAKES NO WARRANTY OR REPRESENTATION AS TO THE SUITABILITY OF ANY INFORMATION SHOWN HEREON FOR DETERMINING A CONTRACTOR BID.
32. ANYTHING MENTIONED IN THE SPECIFICATIONS, IF ANY, AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS, SHALL BE OF LIKE EFFECT AS IF SHOWN OR MENTIONED IN BOTH.
33. THE EXISTENCE, LOCATION, TYPE, CONDITION AND SIZE OF UNDERGROUND UTILITIES, FACILITIES OR STRUCTURES ("FACILITIES") SHOWN ON THESE PLANS WAS OBTAINED FROM A SEARCH OF READILY AVAILABLE RECORDS, OR AS PROVIDED BY OTHERS. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. THE CONTRACTOR SHALL CONFIRM SAID INFORMATION BY FIELD MEASUREMENTS, OBSERVATIONS AND WHATEVER MEANS NECESSARY, PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DESIGN ENGINEER IN WRITING IF ANY DISCREPANCIES OR CONFLICTING INFORMATION IS FOUND. THE CONTRACTOR SHALL PROTECT THE FACILITIES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS, AS NEEDED. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND STANDARDS AT THE SOLE EXPENSE OF THE CONTRACTOR.
34. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES AS NEEDED, SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO THE ACTUAL LOCATION, SIZE, TYPE, OR CONDITION OF EXISTING FACILITIES DIFFERING FROM WHAT IS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL SUCH FACILITIES WHETHER NOTED ON THESE PLANS OR NOT. THE DESIGN ENGINEER ASSUMES NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY DAMAGE TO THE EXISTING IMPROVEMENTS AND REPLACEMENT TO THE SATISFACTION OF THE OWNER AND/OR AUTHORITY HAVING JURISDICTION AS NEEDED.
35. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO STARTING WORK ADJACENT TO, ABOVE OR BELOW THEIR FACILITIES AND SHALL COORDINATE ALL WORK WITH UTILITY COMPANY REPRESENTATIVES.
36. THE CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED GRADING ELEMENTS BEFORE THE START OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES.
37. UNLESS EXPLICITLY STATED OTHERWISE HEREIN, THE EARTHWORK QUANTITIES SHOWN ON THESE PLANS ARE APPROXIMATE IN PLACE VOLUMES CALCULATED FROM THE EXISTING GROUND TO THE PROPOSED FINISHED GRADE. EXISTING GROUND IS DEFINED BY THE CONTOURS AND SPOT GRADES ON THE BASE SURVEY. PROPOSED FINISHED GRADE IS DEFINED AS THE FINAL GRADE AS INDICATED ON THE GRADING PLAN(S) AS FINISHED GROUND, FINISHED SURFACE, AND FINISHED FLOOR ELEVATIONS. NO REPRESENTATIONS OF SUCH QUANTITIES OR A BALANCED SITE CONDITION ARE MADE BY THE ENGINEER OF RECORD. THE EARTHWORK QUANTITIES SHOWN ON THESE PLANS ARE FOR PERMITTING PURPOSES ONLY. UNLESS EXPLICITLY STATED OTHERWISE HEREIN, THEY HAVE NOT BEEN FACTORED TO ACCOUNT FOR CHANGES IN VOLUME DUE TO BULKING, CLEARING AND GRUBBING, SHRINKAGE, SUBSIDENCE, OVER-EXCAVATION AND RE-COMPACTION, AND CONSTRUCTION METHODS. NOR DO THEY ACCOUNT FOR THE THICKNESS OF PAVEMENT SECTIONS, STORMWATER QUALITY MEDIA SECTIONS, UTILITY PIPES, TRENCHING AND BEDDING MATERIALS, BUILDING OR WALL FOOTINGS, BUILDING SLABS THICKNESSES AND UNDERLYING BASE OR SAND

- LAYERS, REUSE OF PULVERIZED MATERIALS THAT WILL UNDERLIE PAVEMENTS, ETC. THE CONTRACTOR IS NOT AUTHORIZED TO USE THE ESTIMATES HEREIN FOR BIDDING AND CONSTRUCTION PURPOSES WITHOUT THE EXPLICIT WRITTEN PERMISSION OF THE ENGINEER OF RECORD
38. THE CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL AND ALL OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. SHOULD DISCREPANCIES OR CONFLICTING INFORMATION BE FOUND ON ANY PLANS, OR IN ANY SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND DESIGN ENGINEER IN WRITING BEFORE PROCEEDING WITH THE WORK IN QUESTION.
 39. THE PROPOSED BUILDING FOOTPRINT(S) AND OTHER STRUCTURE FOOTPRINTS SHOWN IN THESE PLANS WERE PROVIDED TO THE DESIGN ENGINEER BY THE OWNER AT THE TIME OF PREPARATION OF THESE PLANS. THE DESIGN ENGINEER MAKES NO REPRESENTATION AS TO THE ACCURACY OF THESE FOOTPRINTS AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING WITH THE RELEVANT DESIGN TEAM PROFESSIONALS, AND USING THE FINAL, CORRECT VERSION OF THE FOOTPRINTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE STRUCTURE'S FINAL POSITION ON THE SITE BASED UPON THE FINAL ARCHITECTURAL FOOTPRINT, CIVIL PLANS, SURVEY AND ANY OTHER RELEVANT DOCUMENTS. ANY DIFFERENCES FOUND SHALL BE IMMEDIATELY REPORTED TO THE DESIGN ENGINEER AND OWNER.
 40. THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT THE PROJECT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM CONTRACTOR OPERATIONS, BY APPROPRIATE MEANS, OR BY SPECIFIC MEANS DESCRIBED IN THE PROJECT'S PLANS, SPECIFICATIONS OR STORM WATER POLLUTION PREVENTION REPORT, UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHOMEVER IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND THE AGENCY HAVING JURISDICTION. THE DESIGN ENGINEER SHALL HAVE NO RESPONSIBILITY TO DIRECT THE CONTRACTOR REGARDING THE MEANS AND METHODS OF STORMWATER POLLUTION PREVENTION, SEQUENCE, OR SCHEDULE.
 41. ALL SHOP DRAWINGS, RFIS AND ANY OTHER DOCUMENTS THAT REQUIRE DESIGN ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, TO ALLOW ADEQUATE REVIEW, COORDINATION AND RESPONSE. SAID DOCUMENTS ARE NOT A DIRECTION FROM THE DESIGN ENGINEER TO MODIFY THE CONTRACTORS SCOPE, SCHEDULE OR PRICE, AND THE CONTRACTOR WARRANTS NOT TO USE THEM AS SUCH.
 42. THE CONTRACTOR SHALL ENSURE APPROPRIATE LICENSED PROFESSIONALS HAVE BEEN RETAINED BY THE CONTRACTOR TO PROVIDE ANY/ALL REQUIRED PROJECT CERTIFICATIONS AS MAY BE REQUIRED BY ANY AUTHORITY HAVING JURISDICTION. THE DESIGN ENGINEER WILL NOT PROVIDE ANY PROJECT CERTIFICATIONS UNLESS SPECIFICALLY RETAINED BY THE OWNER TO PROVIDE LIMITED SERVICES.
 43. CONTRACTOR SHALL RETAIN A LICENSED SURVEYOR TO DOCUMENT ALL CHANGES TO THE APPROVED CONSTRUCTION DOCUMENTS DURING CONSTRUCTION. THE LICENSED SURVEYOR SHALL PREPARE A SIGNED AND SEALED "AS-BUILT" DRAWING UPON COMPLETION OF CONSTRUCTION. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR THE PREPARATION IN WHOLE OR IN PART OF THE "AS-BUILT" DRAWINGS.
 44. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE MOST CURRENT VERSION OF THE LAND SURVEYORS ACT.

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No.	REVISIONS	DATE	BY							



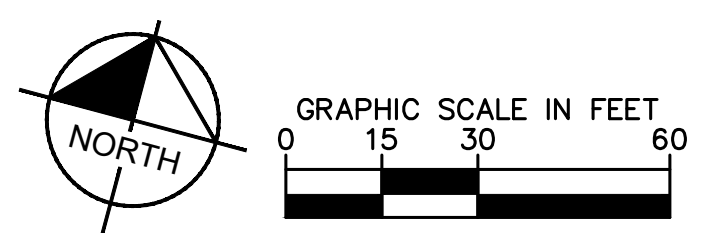
TOPOGRAPHIC MAP NOTES

- THIS MAP REPRESENTS A TOPOGRAPHIC SURVEY PERFORMED BY BOWMAN AND WILLIAMS ON XXXXXXXX.
- THIS MAP PORTRAYS THE SITE AT THE TIME OF THE SURVEY AND DOES NOT SHOW SOILS OR GEOLOGIC INFORMATION, UNDERGROUND CONDITIONS, EASEMENTS, ZONING, OR REGULATORY INFORMATION.
- BOUNDARY LOCATIONS SHOWN HERON WERE DETERMINED WITH THE BENEFIT OF A FIELD SURVEY SUPPLEMENTED BY RECORD DATA. ALL BOUNDARY SHOWN IS FROM RECORD DATA. THIS TOPOGRAPHIC MAP DOES NOT CONSTITUTE A BOUNDARY SURVEY. THERE MAY BE EASEMENTS OR OTHER RIGHTS, RECORDED OR UNRECORDED AFFECTING THE SUBJECT PROPERTY, WHICH ARE NOT SHOWN HEREON.
- DISTANCES AND DIMENSIONS SHOWN ARE EXPRESSED IN FEET AND DECIMALS THEREOF, UNLESS OTHERWISE NOTED.
- PROJECT BENCHMARK: XXXXXXXX ELEVATION XXXX (NAVD88)
- SITE BENCHMARK: XXXXXX ELEVATION XXXX
- UNDERGROUND UTILITY LOCATIONS, WHERE SHOWN, ARE BASED ON FIELD LOCATION OF OBSERVED UTILITIES AND EXISTING USA MARKINGS. THE EXISTENCE, LOCATION, AND DEPTH OF ALL UTILITIES MUST BE VERIFIED BY POSITIVE LOCATION (POTHOLING) BY THE CONSTRUCTION CONTRACTOR PRIOR TO EXCAVATION OR ANY CONSTRUCTION WHICH MAY BE AFFECTED BY THE LOCATION OR ELEVATION OF THE UTILITY.
- DIAMETER OF TREES ARE SHOWN IN INCHES MEASURED AT BREAST HEIGHT. TREES SMALLER THAN 6" WERE NOT NECESSARILY LOCATED.
- REFERENCES XXXXXX.

LINE TABLE			
LINE	NAME	LENGTH	BEARING
L1	U	50.20	S67°34'48.24"E
L2	U	162.69	N70°48'19.67"E
L5	P	349.12	N74°25'17.37"E
L6	M	188.96	N4°44'00.45"E
L7	M	151.35	N8°09'15.27"E
L8	FL1	162.57	N70°48'19.67"E
L9	FL1	44.03	N77°44'39.80"E
L10	FL1	91.88	N74°11'10.67"E
L11	FL1	23.09	N68°20'24.80"E
L12	FL1	4.73	S2°38'53.23"W
L13	FL2	36.79	N4°44'00.45"E
L14	FL2	1.99	N74°09'21.05"E
L15	FL2	61.19	N85°27'56.90"E
L16	FL2	60.00	N74°09'21.05"E
L17	FL2	63.99	N62°50'45.29"E
L18	FL3	10.00	N74°11'10.67"E
L19	FL3	7.41	N9°29'01.43"E

CURVE TABLE							
CURVE	NAME	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	U	49.71'	36.10'	S88°23'14"E	35.31'	41°36'52"	18.89'
C2	U	510.00'	61.76'	N74°16'30"E	61.73'	6°56'20"	30.92'
C3	U	490.00'	30.43'	N75°57'55"E	30.42'	3°33'29"	15.22'
C4	FL1	60.00'	43.85'	S88°15'35"E	42.88'	41°52'11"	22.95'
C5	FL1	500.00'	60.55'	N74°16'30"E	60.52'	6°56'20"	30.31'
C6	FL1	500.00'	31.05'	N75°57'55"E	31.05'	3°33'29"	15.53'
C7	FL1	120.00'	12.24'	N71°15'48"E	12.24'	5°50'46"	6.13'
C8	FL1	12.00'	23.94'	S54°30'21"E	20.16'	114°18'28"	18.59'
C9	FL2	54.00'	65.43'	N39°26'41"E	61.50'	69°25'21"	37.41'
C10	FL3	100.00'	44.37'	N61°28'34"E	44.00'	25°25'13"	22.55'
C11	FL3	50.00'	34.28'	N29°07'29"E	33.61'	39°16'56"	17.84'

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Kimley»Horn
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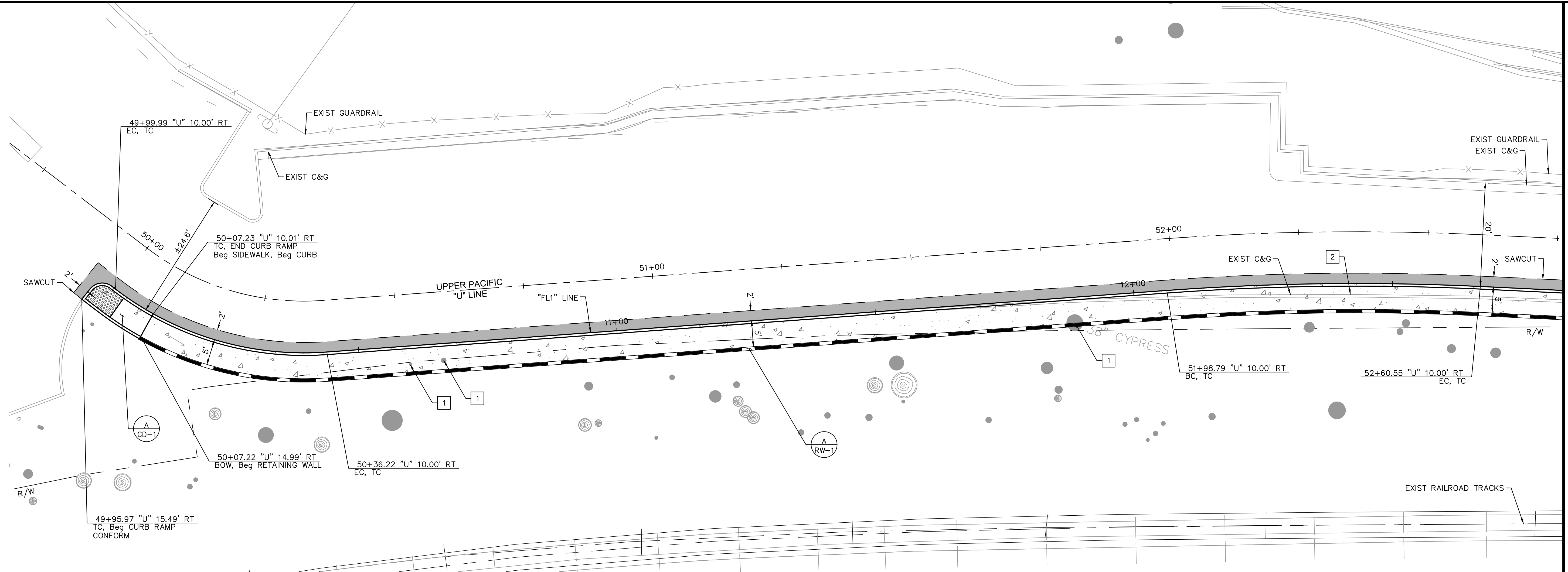
KHA PROJECT
097763140
DATE
1/31/2024
SCALE AS SHOWN
DESIGNED BY DW
DRAWN BY DW
CHECKED BY JP

UPPER PACIFIC SIDEWALK IMPROVEMENTS
PREPARED FOR
CITY OF CAPITOLA
SANTA CRUZ COUNTY CA

HORIZONTAL CONTROL

SHEET NO. 3
OF XX SHEETS
HC-1

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MATCH LINE 12+75 SEE SHEET L-2

GENERAL CONSTRUCTION NOTES

1. SAWCUT SHALL BE PER CITY DETAIL CAP-002 ON A NEAT LINE WITHOUT DAMAGING EXISTING AC OR CONCRETE THAT IS TO REMAIN IN PLACE. ANY DAMAGE TO THE ADJACENT SURFACE MATERIAL TO REMAIN SHALL BE REPAIRED OR REPLACED TO A CONDITION SATISFACTORY TO THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
2. CURB, GUTTER, AND SIDEWALK IMPROVEMENTS SHOWN ARE BASED ON EXISTING OG VERTICAL PROFILE ELEVATIONS AT PROPOSED LIP OF GUTTER.
3. ALL STATION CALLOUTS REFERENCE "U" LINE STATIONS, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL VERIFY ALL RIGHTS OF WAY PRIOR TO CONSTRUCTION.
5. SEE TYPICAL SECTIONS FOR STANDARD SIDEWALK, CURB AND GUTTER, DRIVEWAY, AND CURB RAMP SECTIONS.
6. SEE CONSTRUCTION DETAIL SHEETS FOR DRAINAGE, CURB RAMP, DRIVEWAY, AND SIDEWALK DETAILS.
7. SEE RETAINING WALL PLAN FOR RETAINING WALL LAYOUT AND PROFILE.
8. SEE SIGNING AND STRIPING PLAN FOR PAVEMENT DELINEATION AND SIGNING DETAILS.
9. EXISTING UTILITIES ARE PRESENT CLOSE TO THE PROPOSED WORK. CONTRACTOR SHALL POT HOLE AND FIELD LOCATE EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS WITH THE PROPOSED WORK PRIOR TO THE START OF CONSTRUCTION.
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12. SEE TITLE SHEET FOR TRANSLATION OF NORTING AND EASTING PROJECT COORDINATES TO NORTH AMERICAN DATUM (NAD83).

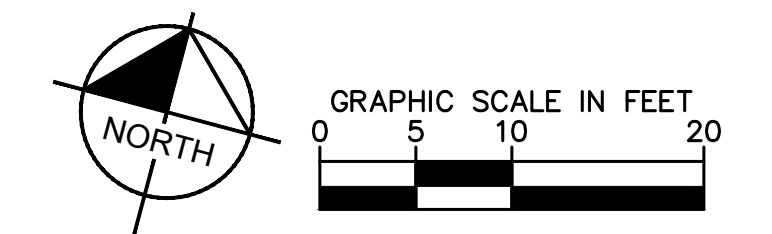
LEGEND

- HMA (SEE TYPICAL SECTIONS)
- PCC (SIDEWALK/CURB RAMP/DRIVEWAY)
- DETECTABLE WARNING SURFACE
- GRAVEL
- SAWCUT
- G — GAS LINE
- OH — OVERHEAD UTILITY LINE(S)
- SS — SANITARY SEWER LINE
- SD — STORM DRAIN LINE
- W — WATER LINE
- C — DAYLIGHT CUT
- F — DAYLIGHT FILL
- XX / XX

CONSTRUCTION NOTES

- 1 POTENTIAL TREE IMPACT/REMOVAL PENDING ARBORIST REPORT
- 2 DRIVEWAY CONFORM (PCC)
- 3 DRIVEWAY CONFORM (HMA)
- 4 DRIVEWAY CONFORM (GRAVEL)
- 5 EXISTING UTILITY POLE TO REMAIN
- 6 EXISTING FIRE HYDRANT TO REMAIN
- 7 EXISTING FENCE TO REMAIN
- 8 EXISTING WALL TO REMAIN
- 9 ADJUST EXISTING WATER MAIN TO GRADE
- 10 RELOCATE EXISTING MAILBOX
- 11 RELOCATE AND ADJUST EXISTING WATER VALVE TO GRADE
- 12 RELOCATE EXISTING BUS STOP BENCH

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KHA PROJECT 097763140
DATE 1/31/2024
SCALE AS SHOWN
DESIGNED BY DW
DRAWN BY DW
CHECKED BY JP

**UPPER PACIFIC SIDEWALK
IMPROVEMENTS**

PREPARED FOR
CITY OF CAPITOLA

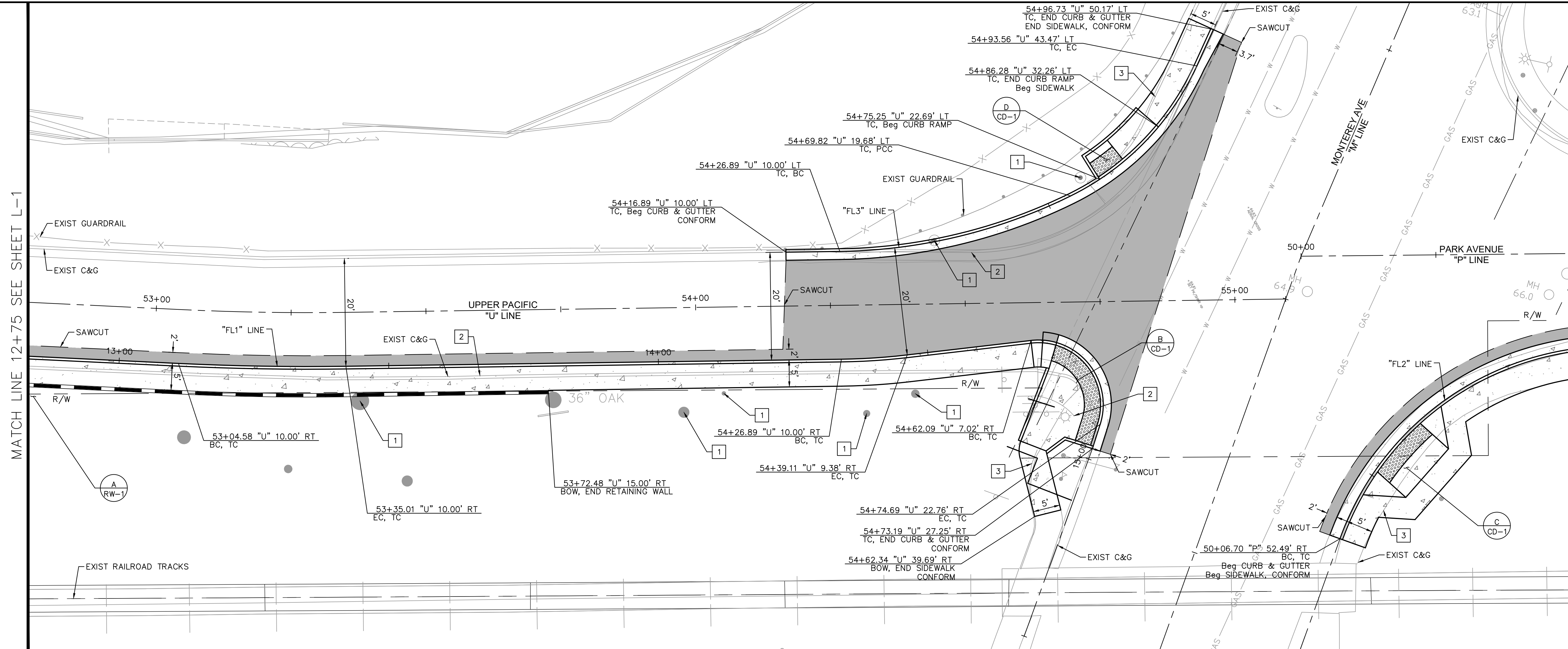
SANTA CRUZ COUNTY CA

LAYOUT PLAN

SHEET NO. 4
OF XX SHEETS

L-1

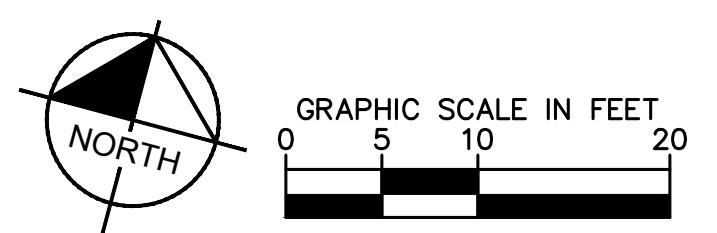
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MATCH LINE 12+75 SEE SHEET L-1

MATCH LINE 50+50 SEE SHEET L-3

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IMPROVEMENTS**

PREPARED FOR
CITY OF CAPITOLA

SANTA CRUZ COUNTY CA

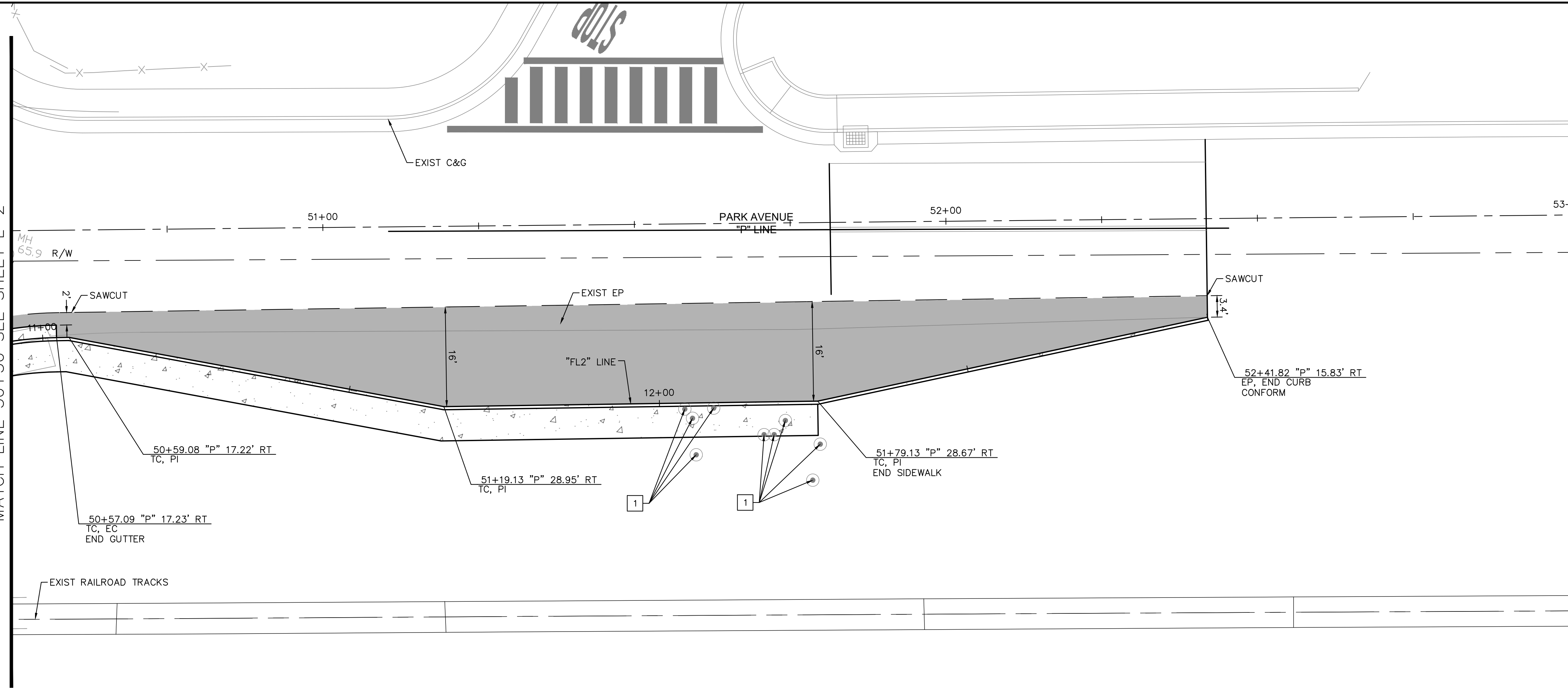
LAYOUT PLAN

SHEET NO. 5
OF XX SHEETS

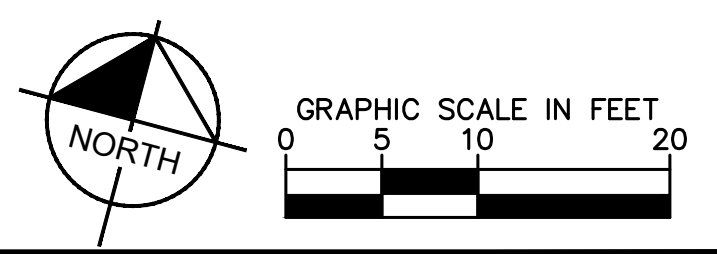
L-2

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MATCH LINE 50+50 SEE SHEET L-2



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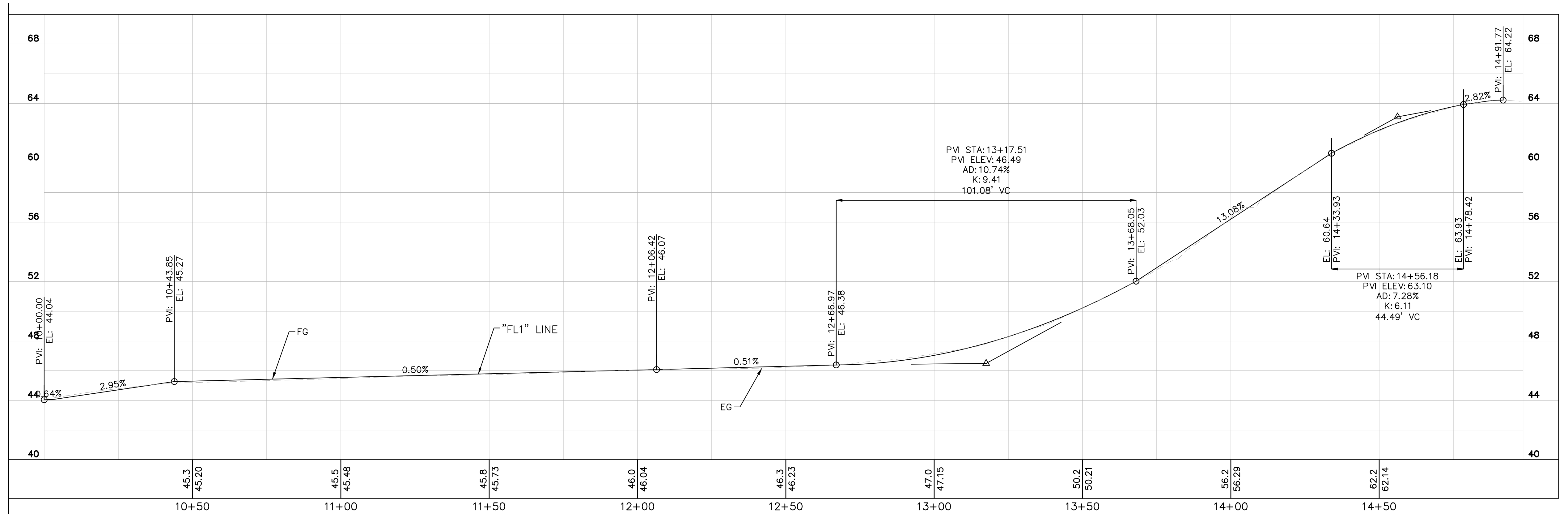
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UPPER PACIFIC SIDEWALK IMPROVEMENTS
 PREPARED FOR
CITY OF CAPITOLA
 SANTA CRUZ COUNTY CA

LAYOUT PLAN

SHEET NO. 6
 OF XX SHEETS
L-3

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CURB PROFILE
"FL1" LINE
 1"=20' H
 1"=4' V

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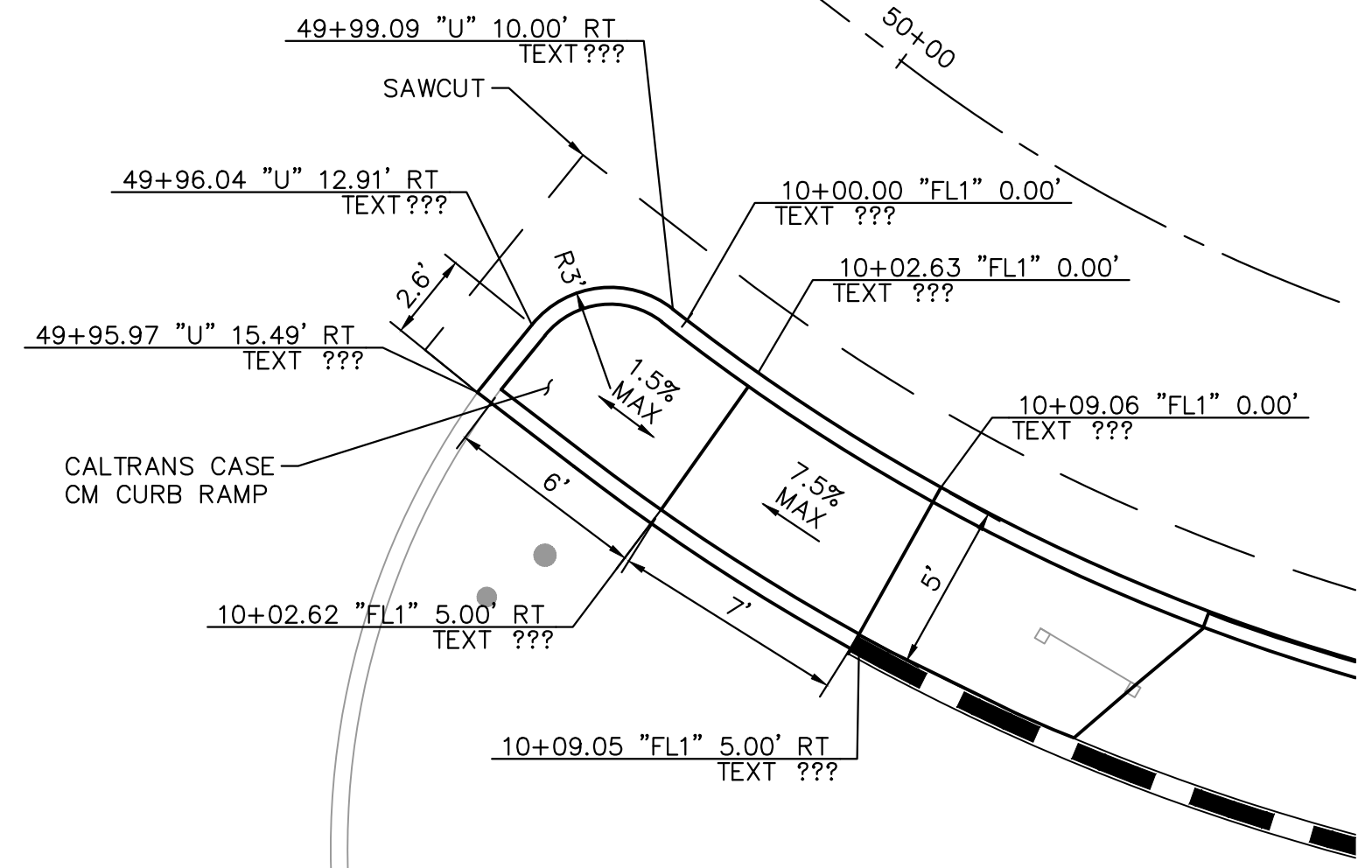
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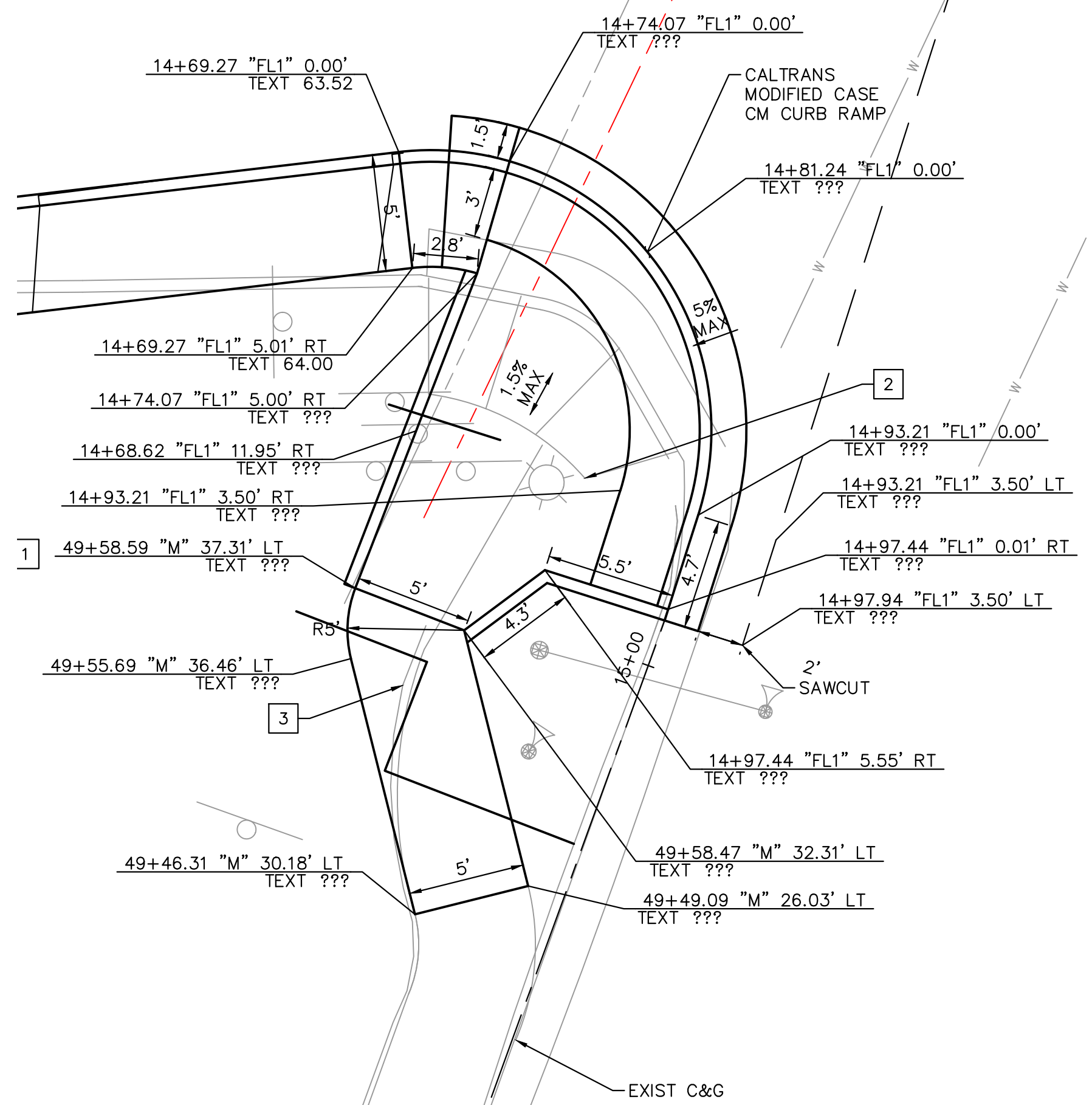
PROFILE

SHEET NO. 7
 OF XX SHEETS
P-1

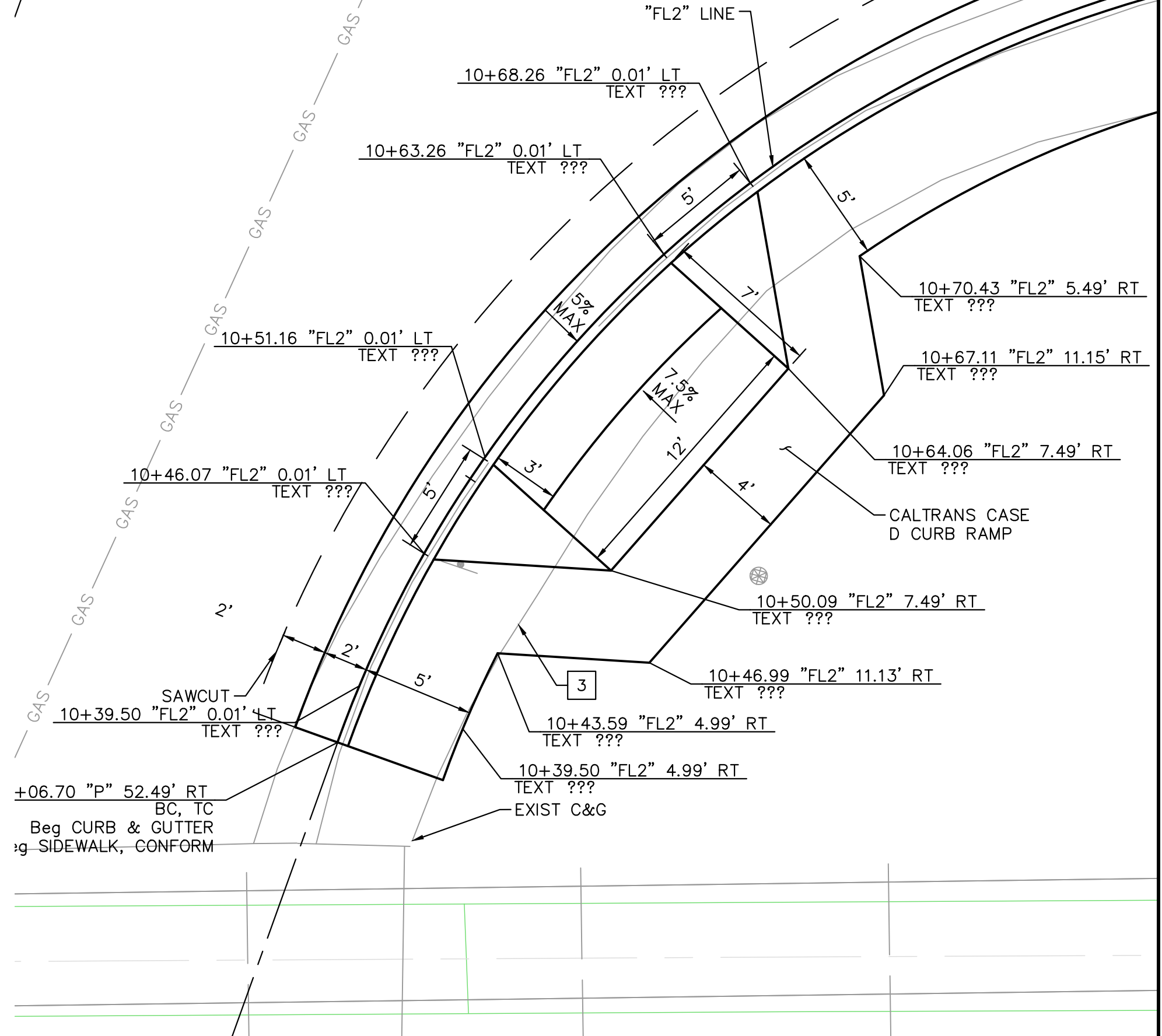
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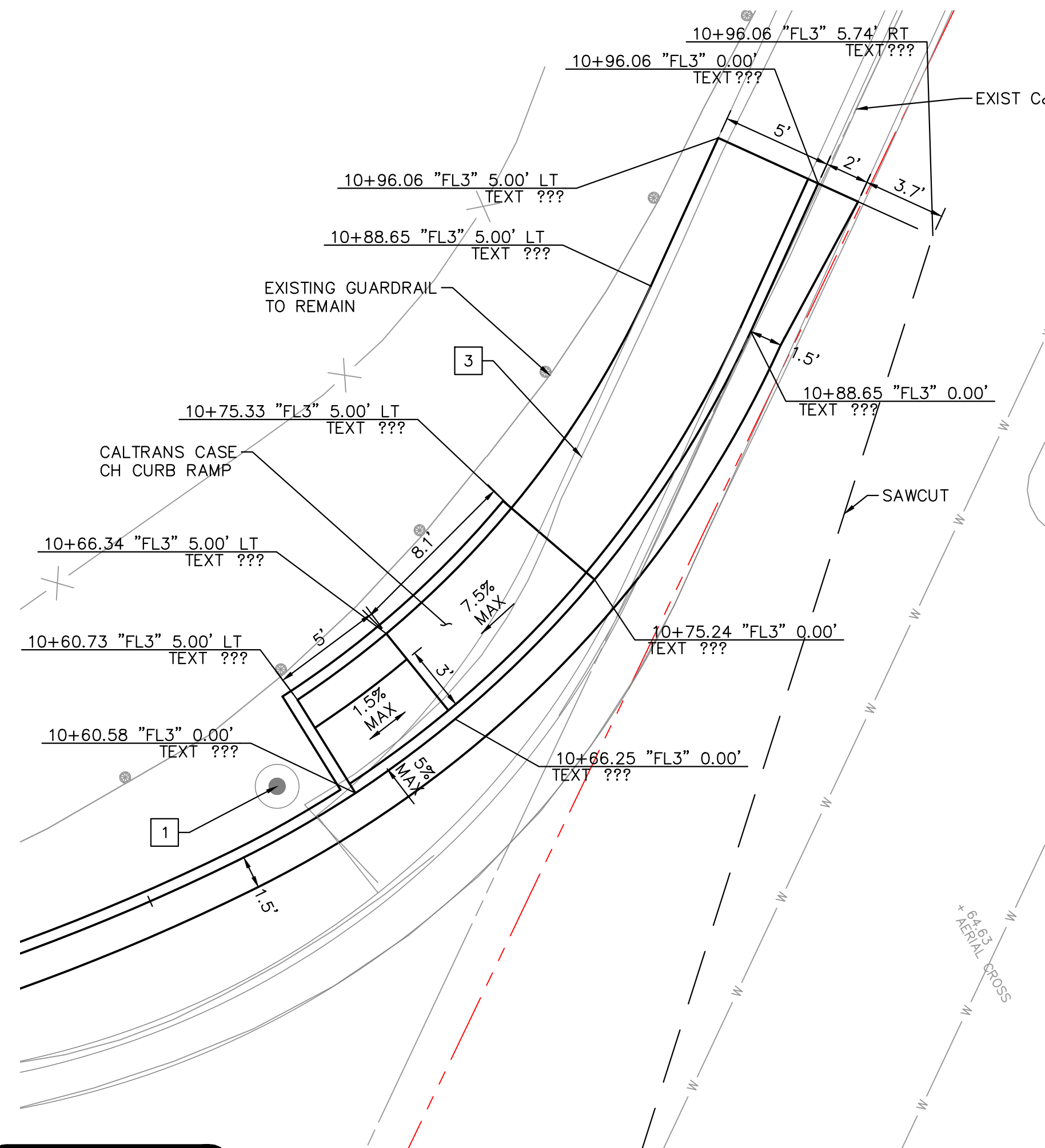
CURB RAMP DETAIL A



CURB RAMP DETAIL B



CURB RAMP DETAIL C



CURB RAMP DETAIL D

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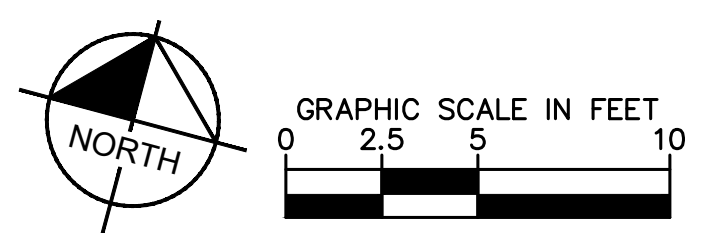
LEGEND

- HMA (SEE TYPICAL SECTIONS)
- PCC (SIDEWALK/CURB RAMP/DRIVEWAY)
- DETECTABLE WARNING SURFACE
- GRAVEL
- SAWCUT
- GAS LINE
- OVERHEAD UTILITY LINE(S)
- SANITARY SEWER LINE
- STORM DRAIN LINE
- WATER LINE
- DAYLIGHT CUT
- DAYLIGHT FILL
- DETAIL NO. / SHEET REFERENCE

CONSTRUCTION NOTES

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KHA PROJECT 097763140
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**UPPER PACIFIC SIDEWALK
IMPROVEMENTS**

PREPARED FOR
CITY OF CAPITOLA

SANTA CRUZ COUNTY CA

CONSTRUCTION DETAILS

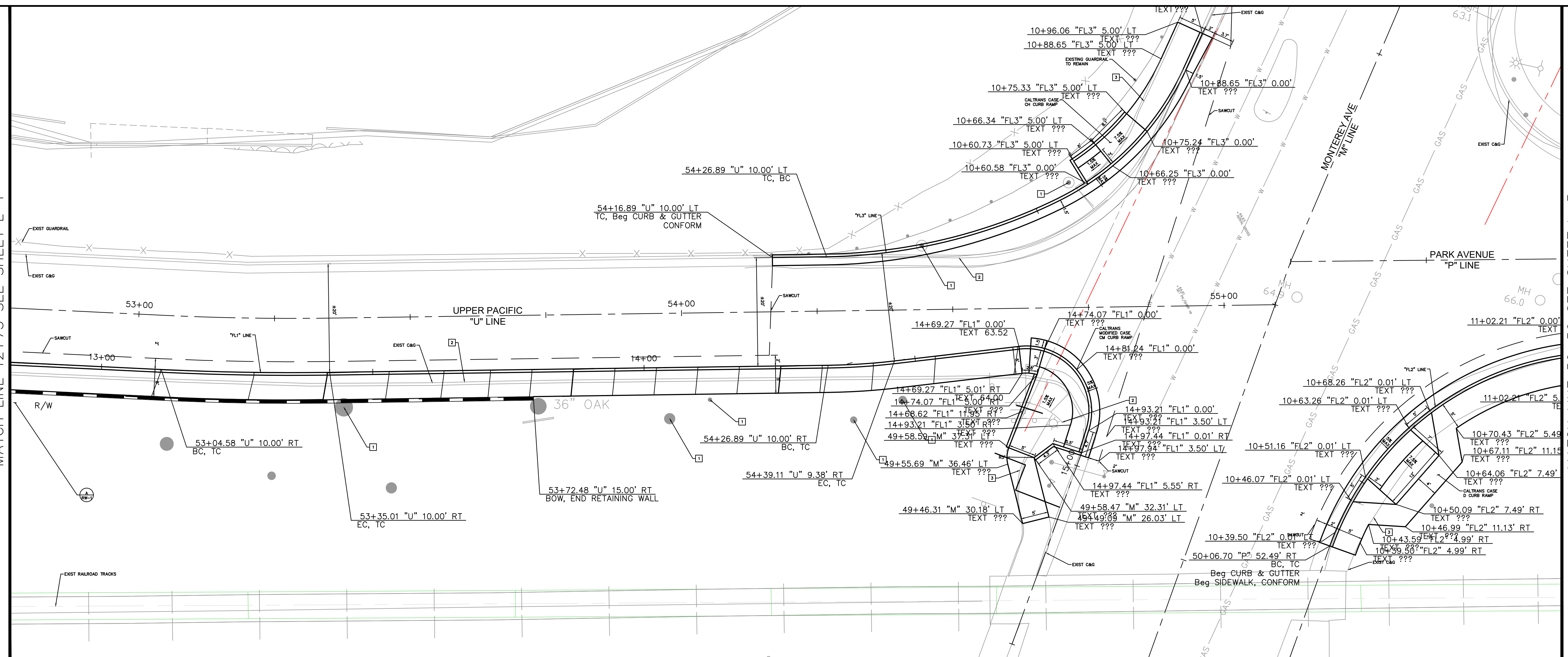
SHEET NO. 8
OF XX SHEETS

CD-1

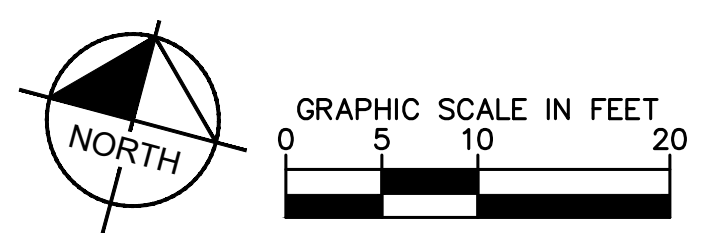
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MATCH LINE 12+75 SEE SHEET L-1

MATCH LINE 50+50 SEE SHEET L-3



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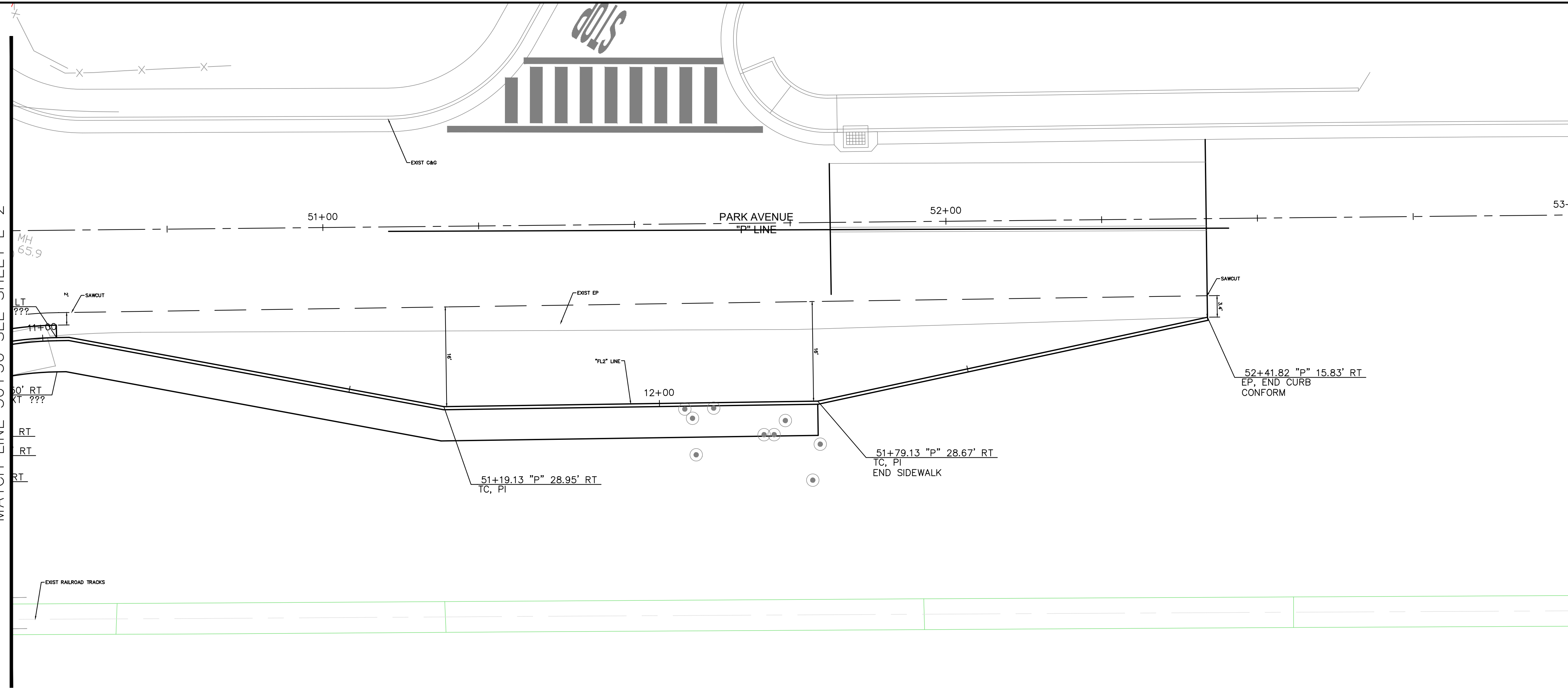
**UPPER PACIFIC SIDEWALK
IMPROVEMENTS**
PREPARED FOR
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SANTA CRUZ COUNTY CA

CONSTRUCTION DETAILS

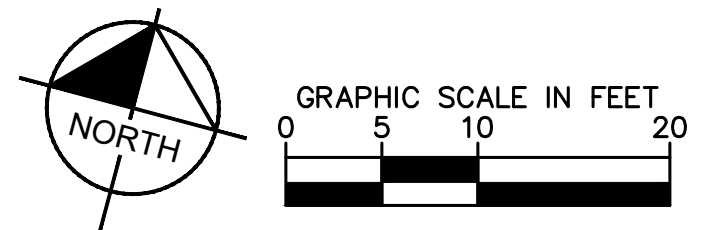
SHEET NO. 9
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CD-2

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MATCH LINE 50+50 SEE SHEET L-2



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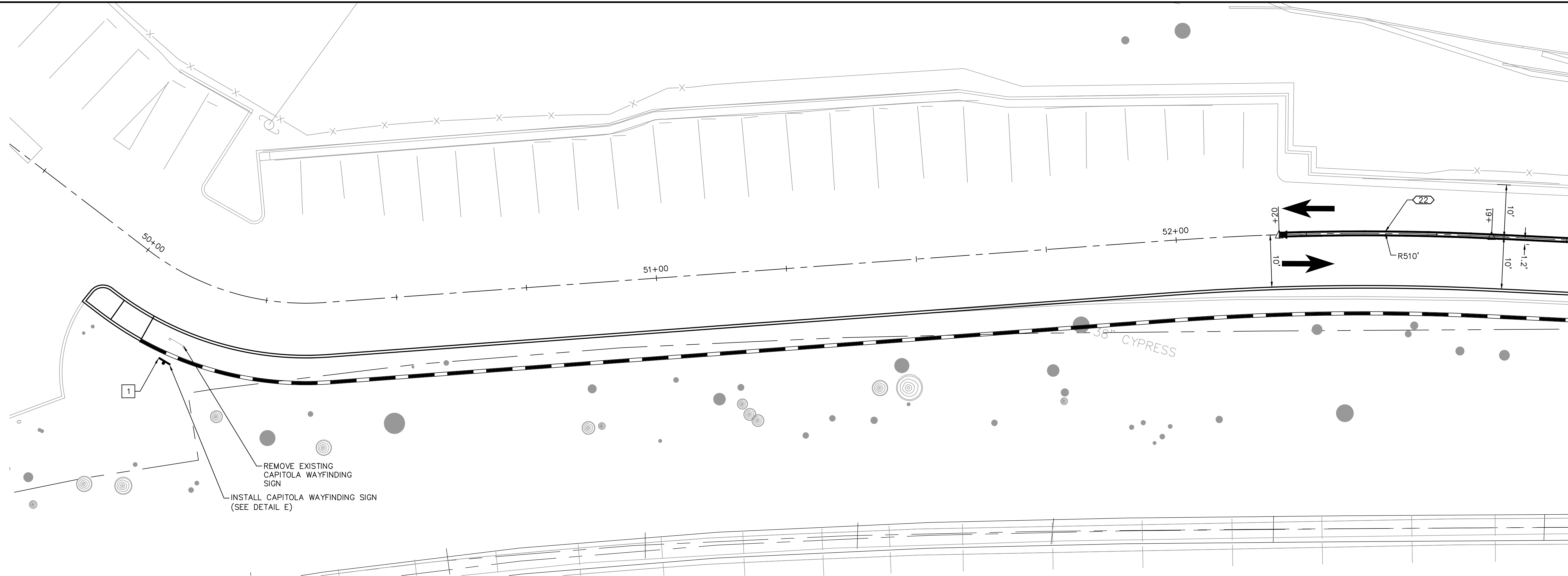
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**UPPER PACIFIC SIDEWALK
IMPROVEMENTS**
PREPARED FOR
CITY OF CAPITOLA
SANTA CRUZ COUNTY CA

CONSTRUCTION DETAILS

SHEET NO. 10
OF XX SHEETS
CD-3

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REMOVE EXISTING CAPITOLA WAYFINDING SIGN
INSTALL CAPITOLA WAYFINDING SIGN (SEE DETAIL E)

MATCH LINE 12+75 SEE SHEET SS-2

GENERAL SIGNING AND STRIPING NOTES

- ALL EXISTING SIGNS SHALL BE PROTECTED IN PLACE UNLESS SPECIFIED FOR REMOVAL OR RELOCATION.
- ALL EXISTING SIGNS SPECIFIED FOR REMOVAL SHALL NOT BE REMOVED UNTIL NO LONGER PERTINENT TO TRAFFIC CONTROL.
- ALL EXISTING PAVEMENT DELINEATION CONFLICTING WITH PROPOSED STRIPING SHALL BE REMOVED PRIOR TO NEW STRIPING INSTALLATION.
- ALL PAVEMENT DELINEATION MUST BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE CALIFORNIA MUTCD AND CALTRANS STANDARD PLANS.
- ALL STRIPING DIMENSIONS SHOWN ARE MEASURED FROM: (1) STRIPE CENTERLINE TO STRIPE CENTERLINE OR (2) TO TOP OF CURB TO STRIPE CENTERLINE WHICHEVER SCENARIO IS CLOSER.

LEGEND

- EXISTING SIGN
- PROPOSED SIGN
- EXISTING STRIPING DETAIL
- PROPOSED STRIPING DETAIL
- STRIPING CHANGE
- STRIPING LIMIT
- ANGLE POINT
- PAVEMENT MARKING

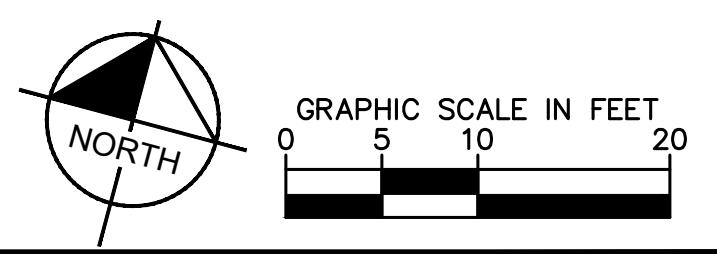
SIGN TABLE		
DETAIL	DESCRIPTION	EA
R4-4	BEGIN RIGHT TURN, YIELD TO BIKES	1
W11-2	PEDESTRIAN CROSSING	12
W13-1P	20 MPH	6
W16-7P	DIAGONAL LEFT ARROW	6
W16-7P (R)	DIAGONAL RIGHT ARROW	6
W17-1 (MOD)	SPEED TABLE	6
TOTAL		37

STRIPING AND MARKING TABLE			
DETAIL	PATTERN OR LEGEND	LF	SQFT
9	LANE LINE	42	-
22	CENTERLINE	1887	-
39	BIKE LANE LINE (INCLUDES BUFFER)	8045	-
39A	INTERSECTION LINE (BIKE LANE)	830	-
PM	"STOP" MARKING	-	132
PM	STOP BAR MARKING	-	296
PM	CONTINENTAL CROSSWALK MARKING	-	3080
PM	BIKE SYMBOL/ARROW MARKING	-	105
PM	TYPE I ARROW	-	30
PM	SHARROW	-	12
PM	GREEN PAINT FOR BIKE LANE	-	3079
TOTAL		10804	6734

SIGNING AND STRIPING NOTES

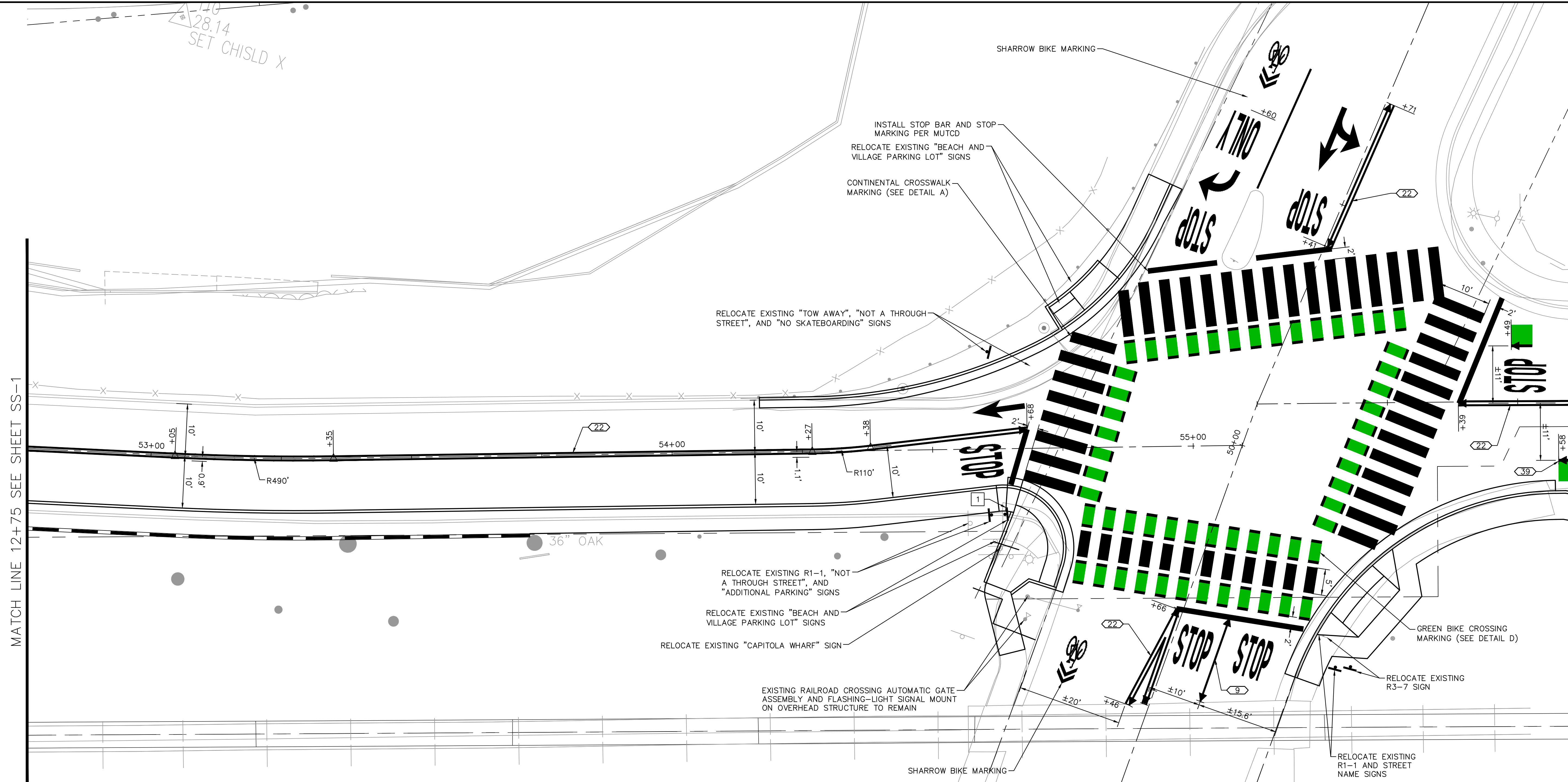
- FURNISH AND INSTALL POLE MOUNTED RECTANGULAR RAPID FLASHING BEACON (RRFB) ASSEMBLY PER VENDOR RECOMMENDATIONS (SEE DETAIL E)
- SEE CONSTRUCTION DETAILS FOR SPEED TABLE WITH CROSSWALK PAVEMENT MARKINGS AND SIGNS PER CAPITOLA STANDARD DRAWINGS

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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	REVISIONS	DATE	BY																	
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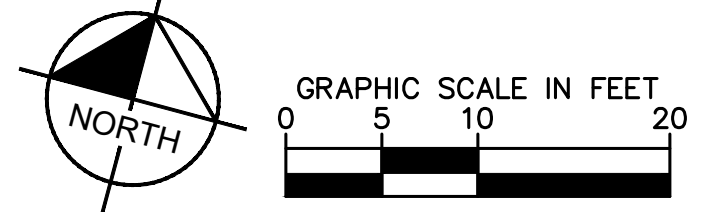
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MATCH LINE 12+75 SEE SHEET SS-1

MATCH LINE 50+60 SEE SHEET SS-3

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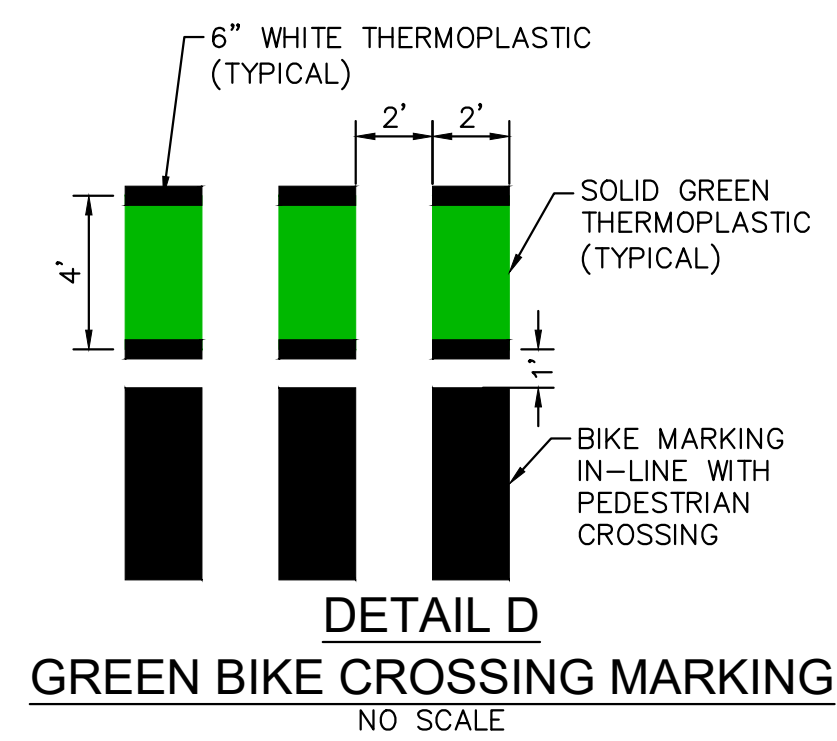
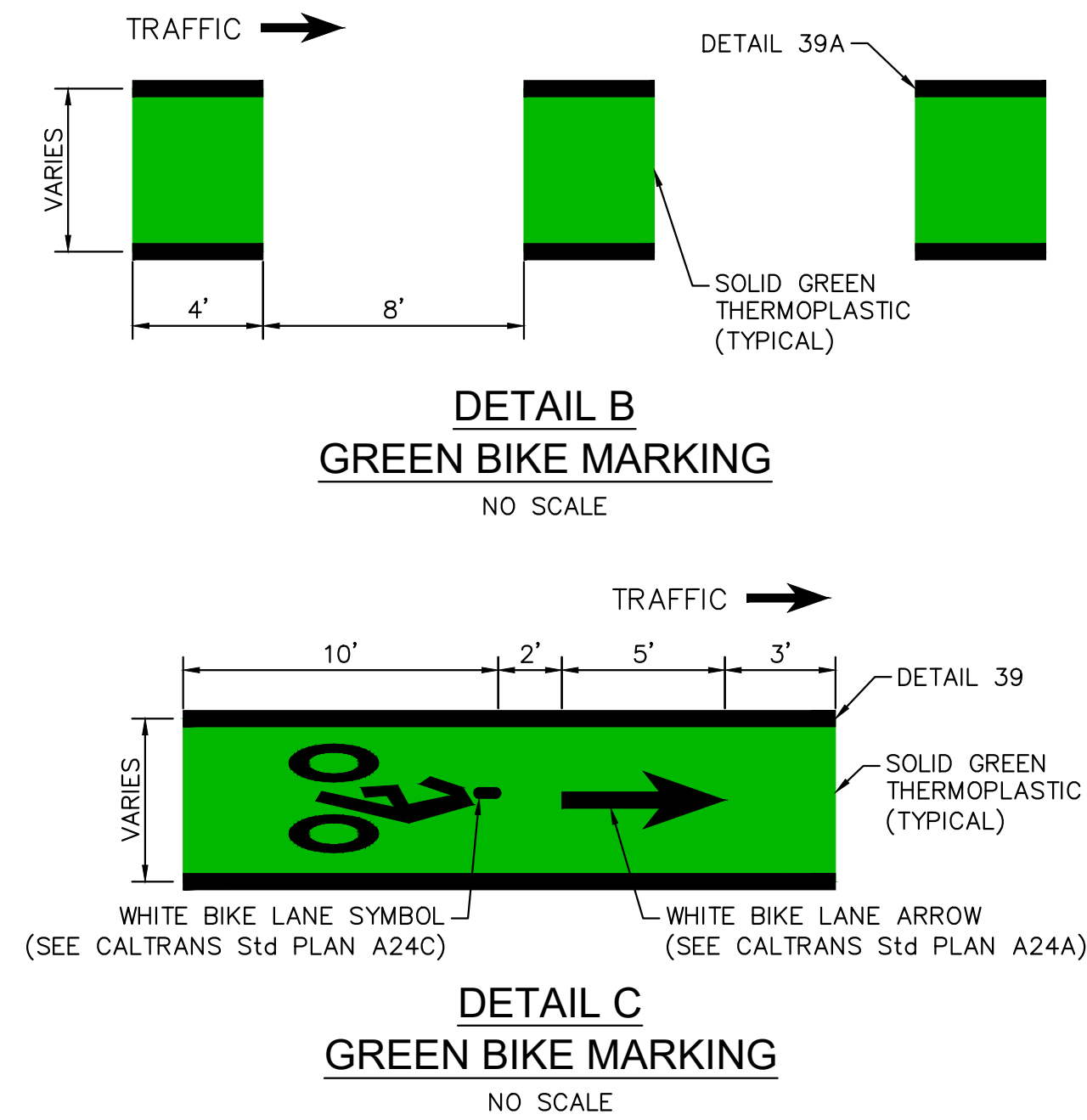
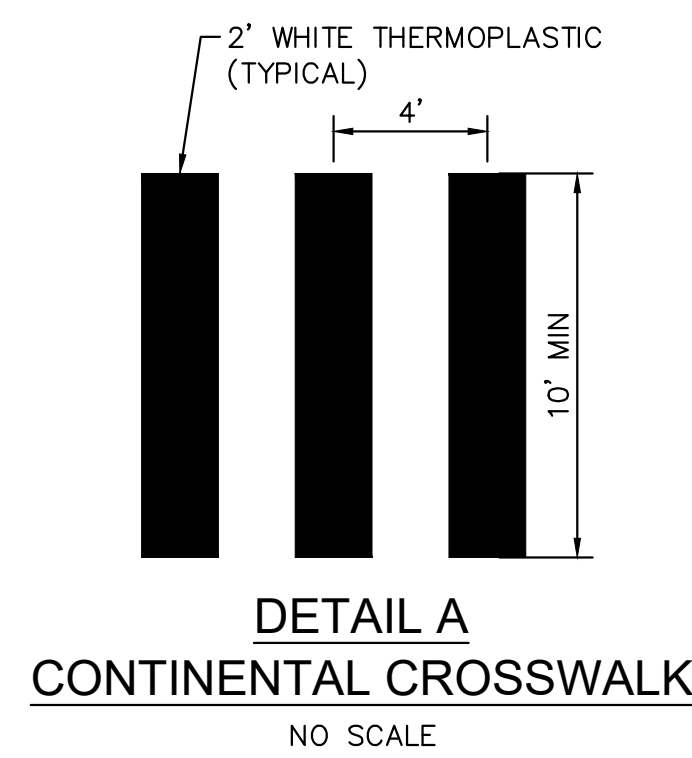
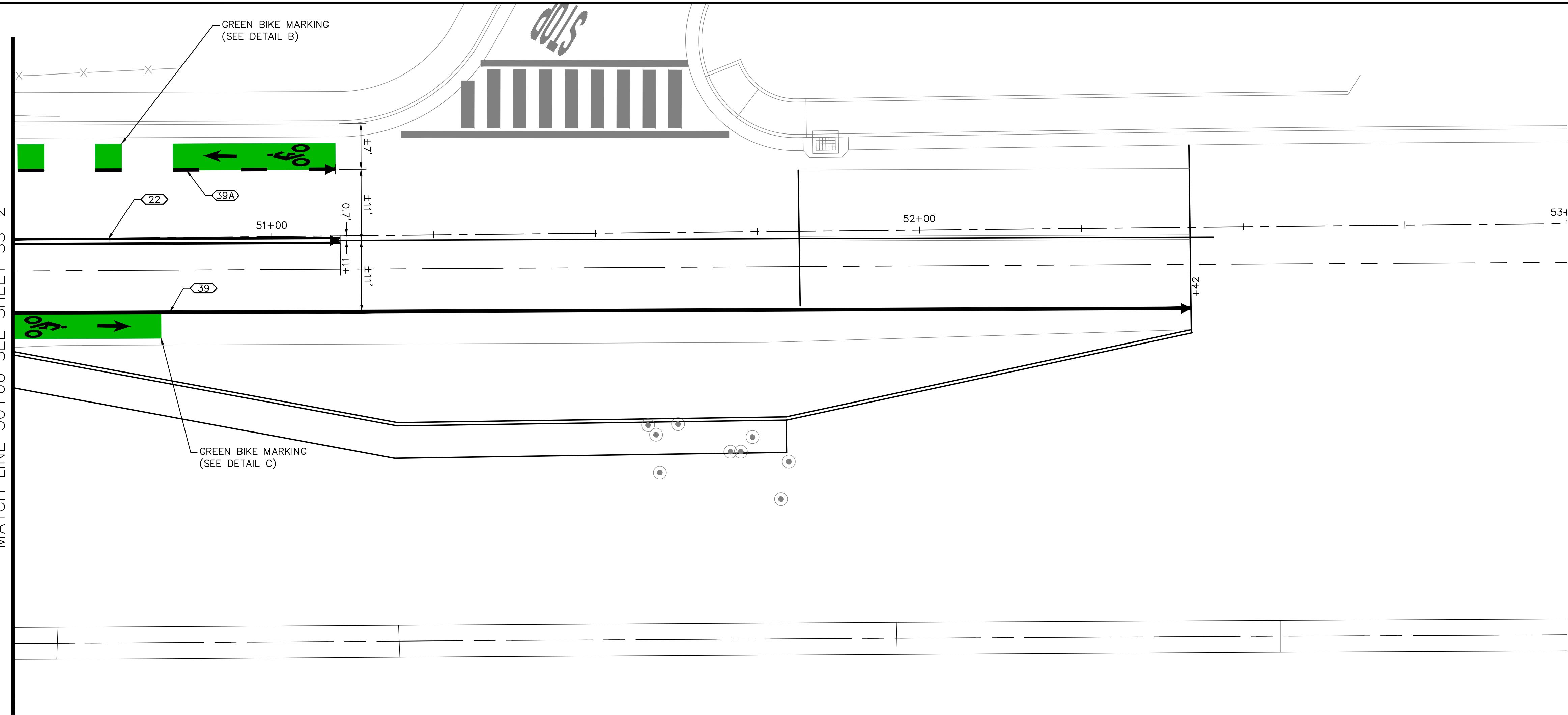
**UPPER PACIFIC SIDEWALK
IMPROVEMENTS**
PREPARED FOR
CITY OF CAPITOLA
SANTA CRUZ COUNTY CA

SIGNING AND STRIPING

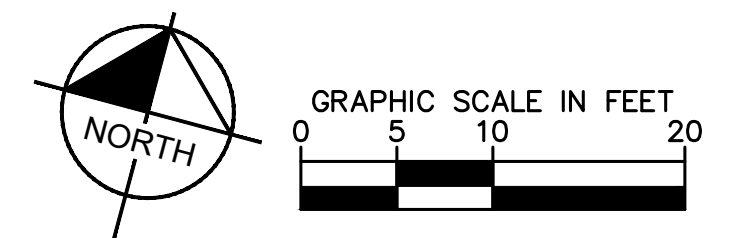
SHEET NO. 15
OF XX SHEETS
SS-2

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SANTA CRUZ COUNTY CA

SIGNING AND STRIPING

SHEET NO. 16
OF XX SHEETS
SS-3