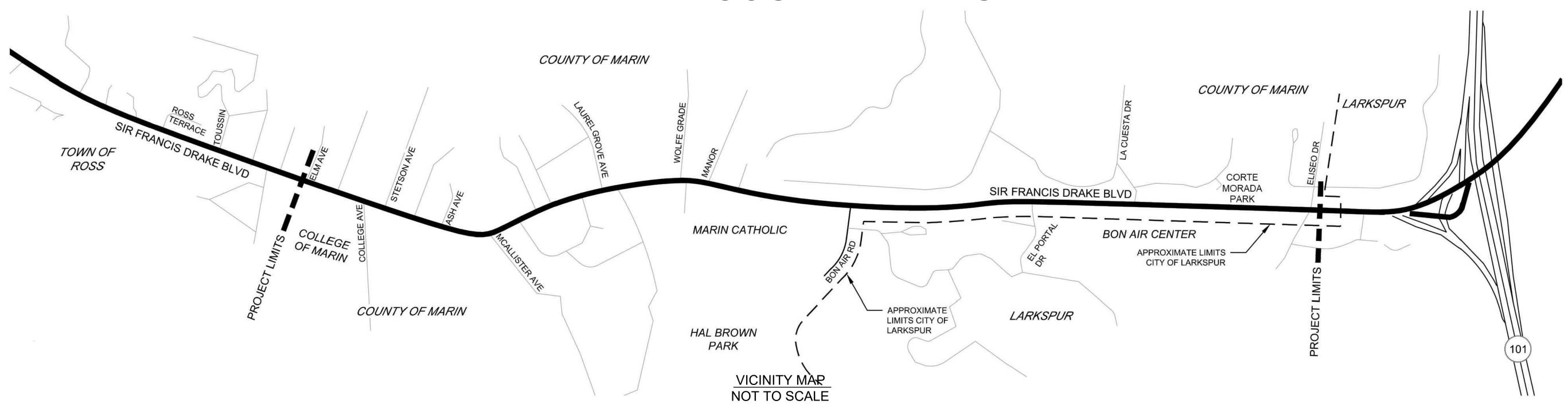
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE PROJECT

FROM ELM AVENUE TO ELISEO DRIVE COUNTY OF MARIN

MARIN COUNTY PARKS



PROJECT DESCRIPTION

The Base Bid work includes clearing and grubbing, limited tree removal and stump grinding, irrigation, grading, soil preparation and amendment, tree planting, and mulching in center medians and some intersections along Sir Francis Drake Boulevard in Greenbrae and Kentfield.

Additive Alternate bid work includes shrubs, groundcover and drip irrigation installation in areas:
La Cuesta Drive Entry (Add. Alt #1),
Corte Morada Park and Frontage (Add. Alt. #2),
Eliseo Drive Entry (Add. Alt. #3).

PROJECT TEAM

OWNER

County of Marin, Marin County Parks 3501 Civic Center Drive, Suite 260 San Rafael, CA 94903

LANDSCAPE ARCHITECT WRT 478 Tehama Street Suite 2B San Francisco CA 94103 415-575-4722 wrtdesign.com

IRRIGATION
Russell D. Mitchell & Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
925-939-3985
www.rmairrigation.com

WATER DISTRICT
Marin Municipal Water District
220 Nellen Ave.
Corte Madera, CA 94925

SHEET INDEX

L-000 - COVER SHEET L-001 - KEY PLAN AND CONSTRAINTS PLAN

SOIL PLACEMENT PLANS

L-100 - SOIL NOTES AND LEGEND L-101 - SOIL PLAN L-102 - SOIL PLAN L-103 - SOIL PLAN L-104 - SOIL PLAN L-105 - SOIL PLAN L-106 - SOIL PLAN L-107 - SOIL PLAN L-109 - SOIL PLAN

BASE BID FOR CENTER MEDIANS:

L-200 - PLANTING NOTES AND LEGEND
L-201 - LANDSCAPE PLANTING PLAN
L-202 - LANDSCAPE PLANTING PLAN
L-203 - LANDSCAPE PLANTING PLAN
L-204 - LANDSCAPE PLANTING PLAN
L-205 - LANDSCAPE PLANTING PLAN
L-206 - LANDSCAPE PLANTING PLAN
L-207 - LANDSCAPE PLANTING PLAN
L-208 - LANDSCAPE PLANTING PLAN
L-209 - LANDSCAPE PLANTING PLAN

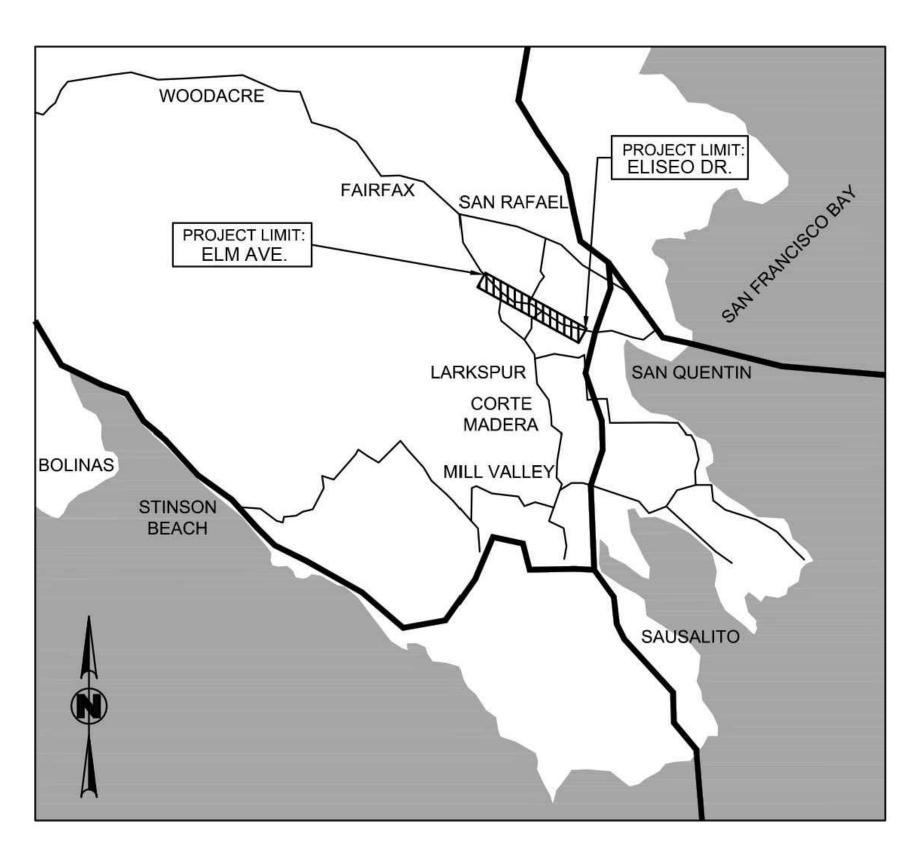
ALT BID for LA CUESTA ENTRY, CORTE MORADA PARK, ELISEO ENTRY

L-210 - ADD ALT 1 (LA CUESTA ENTRY) L-211- ADD ALT 2 (CORTE MORADA PARK) L-212 - ADD ALT 3 (ELISEO ENTRY) LANDSCAPE DETAILS:

L-301 - LANDSCAPE PLANTING DETAILS

<u>IRRIGATION</u>

LI-001 - LANDSCAPE IRRIGATION LEGEND & NOTES LI-101 - LANDSCAPE IRRIGATION PLAN LI-102 - LANDSCAPE IRRIGATION PLAN LI-103 - LANDSCAPE IRRIGATION PLAN LI-104 - LANDSCAPE IRRIGATION PLAN LI-105 - LANDSCAPE IRRIGATION PLAN LI-106 - LANDSCAPE IRRIGATION PLAN LI-107 - LANDSCAPE IRRIGATION PLAN LI-108 - LANDSCAPE IRRIGATION PLAN LI-109 - LANDSCAPE IRRIGATION PLAN LI-110 - ADD ALT 1 (LA CUESTA ENTRY) LI-111 - ADD ALT 2 (CORTE MORADA PARK) LI-112 - ADD ALT 3 (ELISEO ENTRY) LI-201- LANDSCAPE IRRIGATION DETAILS LI-202 - LANDSCAPE IRRIGATION DETAILS LI-203 - LANDSCAPE IRRIGATION DETAILS LI-204 - LANDSCAPE IRRIGATION WATER CALCULATIONS



LOCATION MAP NOT TO SCALE

ACCEPTED BY:

4/17/23

DIRECTOR OF PUBLIC WORKS

DATE

PROJECT:

SIR

FRANCIS

DRAKE

BOULEVARD

LANDSCAPE

MARIN COUNTY

CALIFORNIA

DJECT OWNER:

MARIN COUNTY
PARKS
PRESERVATION RECREATION



CONTACT:
SARAH RICHARDS
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3501 CIVIC CENTER DRIVE #260
SAN RAFAEL, CA 94903
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415-301-1039



Wallace Roberts & Todd, LI 478 Tehama St #2B 415.575.4: San Francisco, CA 93103 fax 415.436.90



3/10/2023

SUBMITTAL:

CONFORMED SET

REVISIONS

No. Date Descript

MARIN WATER

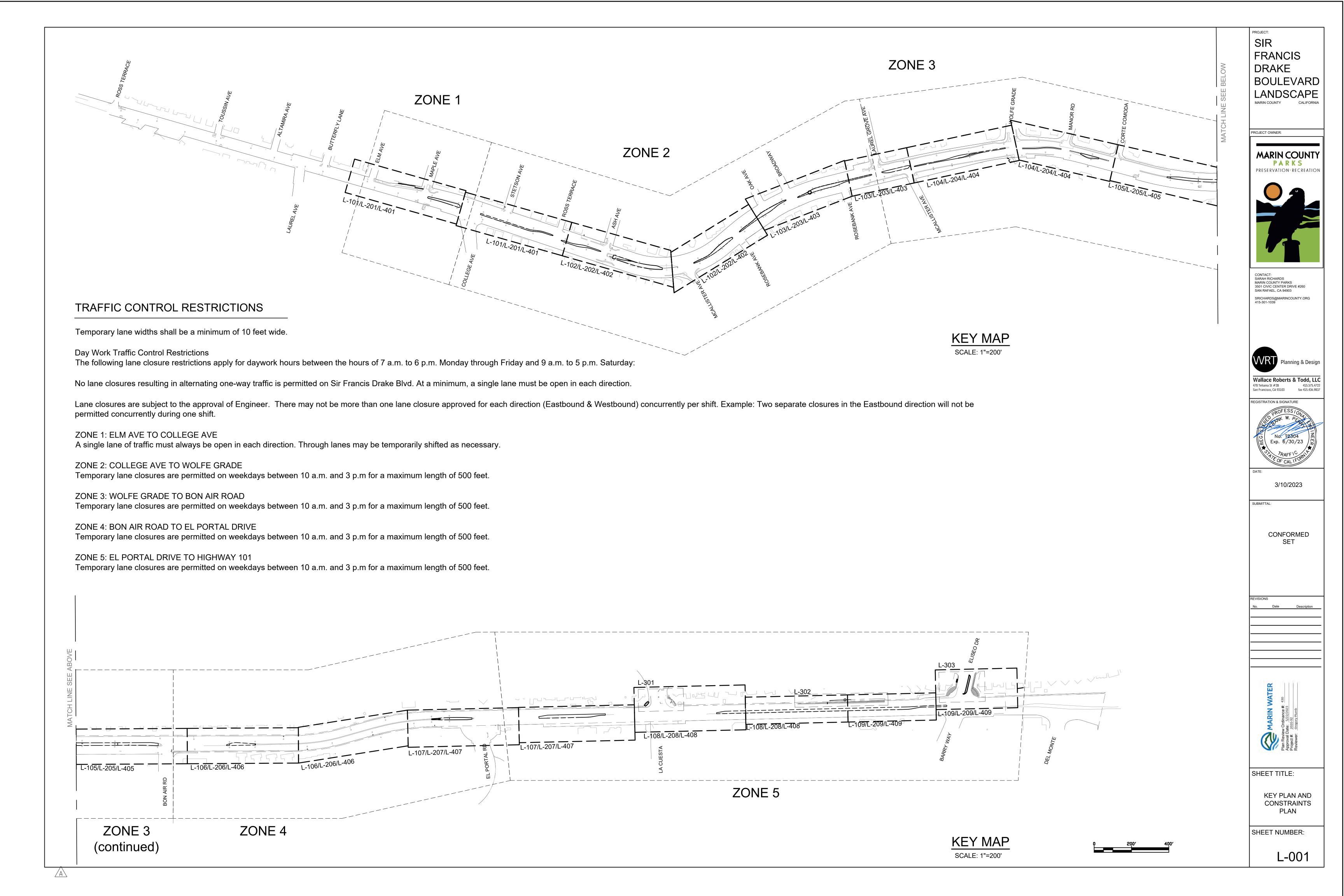
n Review Ordinance #: 430

nroval Date: 5/12/2023
ject #: 2020-92

SHEET TITLE:

COVER SHEET

SHEET NUMBER:



SOIL PLAN LE		
SYMBOL	DESCRIPTION	
LPZ	LOW PLANT ZONE	
	EXISTING TREE TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMOVE	
*	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL #6/ SHEET L-301. SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.	
	SOIL TESTING LOCATION: RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPECS.	
	STUMP GRIND LOCATION	
SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
(A) [/////	SOIL PREP PREPARE EXISTING SOIL IN PLACE PER SPEC'S	SHEET MULCH
B + +	IMPORT TOP SOIL, SEE PLANS FOR DEPTH OF IMPORT TOP SOIL PER DETAIL #9/L-301	SHEET MULCH
C	IMPORT TOP SOIL WITH SOIL AMENDMENT, SEE PLANS FOR DEPTH OF IMPORT TOP SOIL (LA CUESTA, CORTA MORADA PARK, ELISEO & AND AT ALL TREE PLANT PITS) PER DETAIL #9/L-301	3" REGULAR MULCH
	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL, PER DETAIL #4/ L- 301	SHEET MULCH
E	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL AND SOIL AMENDMENT PER DETAIL #4/L- 301. (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH
F // //	SOIL AMENDMENT ONLY AMEND EXISTING SOIL IN PLACE (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH

SOIL PLACEMENT NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THEMSELVES FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND LANDSCAPING INCLUDING ROOT ZONES THAT IS DESIGNATED TO REMAIN PER SPECIFICATION. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AND PROVIDE TEMPORARY WATERING, AND BARRICADES OR OTHER SUITABLE GUARDS OUTSIDE DRIP LINE (OUTER PERIMETER OF BRANCHES) TO PROTECT TREES AND OTHER PLANTS THAT ARE TO REMAIN FROM DAMAGE. DO NOT STORE CONSTRUCTION MATERIALS WITHIN DRIP LINES OF TREES TO REMAIN. HAND DIGGING IS REQUIRED WITHIN DRIP ZONES AND WHEREVER ROOTS ONE AND ONE-HALF INCHES (1-1/2") OR GREATER ARE ENCOUNTERED. ALL TRENCHING AND GRADING WITHIN TWENTY FEET (20') OF ROOTS LARGER THAN ONE AND ONE-HALF INCHES (1-1/2") SHALL BE DONE BY HAND. DO NOT PERMIT VEHICLES WITHIN DRIP LINE. TO AVOID EXCESSIVE SOIL COMPACTION, RESTRICT FOOT TRAFFIC WITHIN DRIP LINE. ALL BARRICADES AND PROTECTIVE FENCING SHALL BE PUT IN PLACE PRIOR TO COMMENCEMENT OF ANY OTHER CONSTRUCTION ACTIVITY.
- 3. TREE PROTECTION FENCING: PROVIDE TEMPORARY TREE PROTECTION FENCING AT ALL EXISTING TREE PROTECTION ZONES (TPZ) PER THE SPECIFICATIONS. DO NOT STORE EQUIPMENT/ MATERIALS WITHIN THE TPZ OR DISTURB OR COMPACT THE SOIL WITHIN THE TPZ. WHEN NEEDED AND APPROPRIATE, FENCING SHALL BE TEMPORARILY AND EVENTUALLY PERMANENTLY REMOVED UPON REVIEW AND APPROVAL OF THE ENGINEER.
- 4. SOIL TESTING. SEE SPEC'S FOR SOIL TESTING REQUIREMENTS.
- 5. CONTRACTOR TO PROVIDE THE FOLLOWING WORK ACTIVITIES AT ALL LANDSCAPE AREAS (AS DESCRIBED IN THE LANDSCAPE SPECIFICATIONS):
- + TREE REMOVAL/ STUMP REMOVAL + CLEAR AND GRUB
- + MISCELLANEOUS DEMO AND REMOVAL
- 6. TREE REMOVAL/ STUMP REMOVAL: STUMP GRIND ALL TREE STUMPS PREVIOUSLY REMOVED. STUMP GRIND TREES SHOWN TO REMOVED. FOR TREE OR VEGETATION REMOVAL PROPOSED TO TAKE PLACE DURING NESTING SEASON (JAN. 1 - AUG. 31), CONTRACTOR SHALL GIVE ENGINEER TWO WEEKS NOTICE FOR COUNTY TO COMPLETE BIRD NESTING OR BAT ROOSTING SURVEYS PRIOR TO AUTHORIZATION TO PROCEED WITH TREE/VEGETATION REMOVAL. SEE CLEARING & GRUBBING SPEC'S FOR MORE INFORMATION.
- 7. CLEAR AND GRUB INCLUDES REMOVAL OF EXISTING WEEDS, GRASS, VEGETATION (NOT DESCRIBED AS EXISTING TO REMAIN/ PROTECT), TREE ROOTS, WATTLES, ETC. SEE SPECIFICATIONS FOR MORE INFORMATION.
- 8. MISCELLANEOUS DEMOLITION AND REMOVAL INCLUDES REMOVAL OF EXISTING/ ABANDONED IRRIGATION EQUIPMENT, DEBRIS, GRAVEL/ ROAD BASE, CHUNKS OF CONCRETE AND ROCKS LARGER THAN 2", SEE SPECIFICATIONS FOR MORE INFORMATION.
- 9. SOIL PREPARATION REFERS TO TREATMENT OF EXISTING SOILS IN PLACE, INCLUDING: FINE GRADING, SMOOTHING OUT GRADES, ABRUPT CHANGES AND MOUNDING, MAKING SLOPES CONSISTENT WITHIN EACH MEDIAN. SEE LANDSCAPE SPECIFICATIONS FOR MORE INFORMATION.
- 10. EXISTING SOIL REMOVAL INCLUDES EXCAVATION AND REMOVAL OF EXISTING SOIL TO DEPTH AS INDICATED ON PLANS. SEE DETAILS AND LANDSCAPE SPECIFICATIONS.
- 11. IMPORT TOP SOIL INCLUDES SCARIFICATION OF NATIVE SOIL, INCORPORATING IMPORT TOP SOIL AND FINE GRADING TO MAKES SLOPES CONSISTENT WITHIN EACH MEDIAN. SEE DETAILS & LANDSCAPE SPECIFICATIONS FOR MORE INFORMATION.
- 12. SOIL AMENDMENT INCLUDES COMPOST, CONDITIONERS, AND ORGANIC FERTILIZERS AS REQUIRED BY SOILS PLANT LAB TESTING RESULTS, AND FINE GRADING, SMOOTHING OUT GRADES TO MAKE SLOPES CONSISTENT. SEE DETAILS & SPECIFICATIONS FOR MORE INFORMATION.
- 13. PROVIDE SHEET MULCHING (WITH CARDBOARD/ COMPOST) OR REGULAR MULCHING (WITHOUT CARDBOARD/ COMPOST) AFTER FINE GRADING IS APPROVED AT ALL LANDSCAPE AREAS AS INDICATED ON PLANS, DETAILS AND SPECIFICATIONS.
- 14. SEE SHEET L-301 FOR ALL OTHER DETAILS FOR SOILS, TYPICAL MEDIAN BERM SECTIONS, SHEET MULCHING, PLANTING, ETC. ALSO, REFER TO LANDSCAPE SPECIFICATIONS.

SIR **FRANCIS** DRAKE BOULEVARD MARIN COUNTY CALIFORNIA

PROJECT OWNER:

PRESERVATION · RECREATION



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Wallace Roberts & Todd, LLC 478 Tehama St #2B 415.575.4722 San Francisco, CA 93103 fax 415.436.9837

EGISTRATION & SIGNATURE



3/10/2023

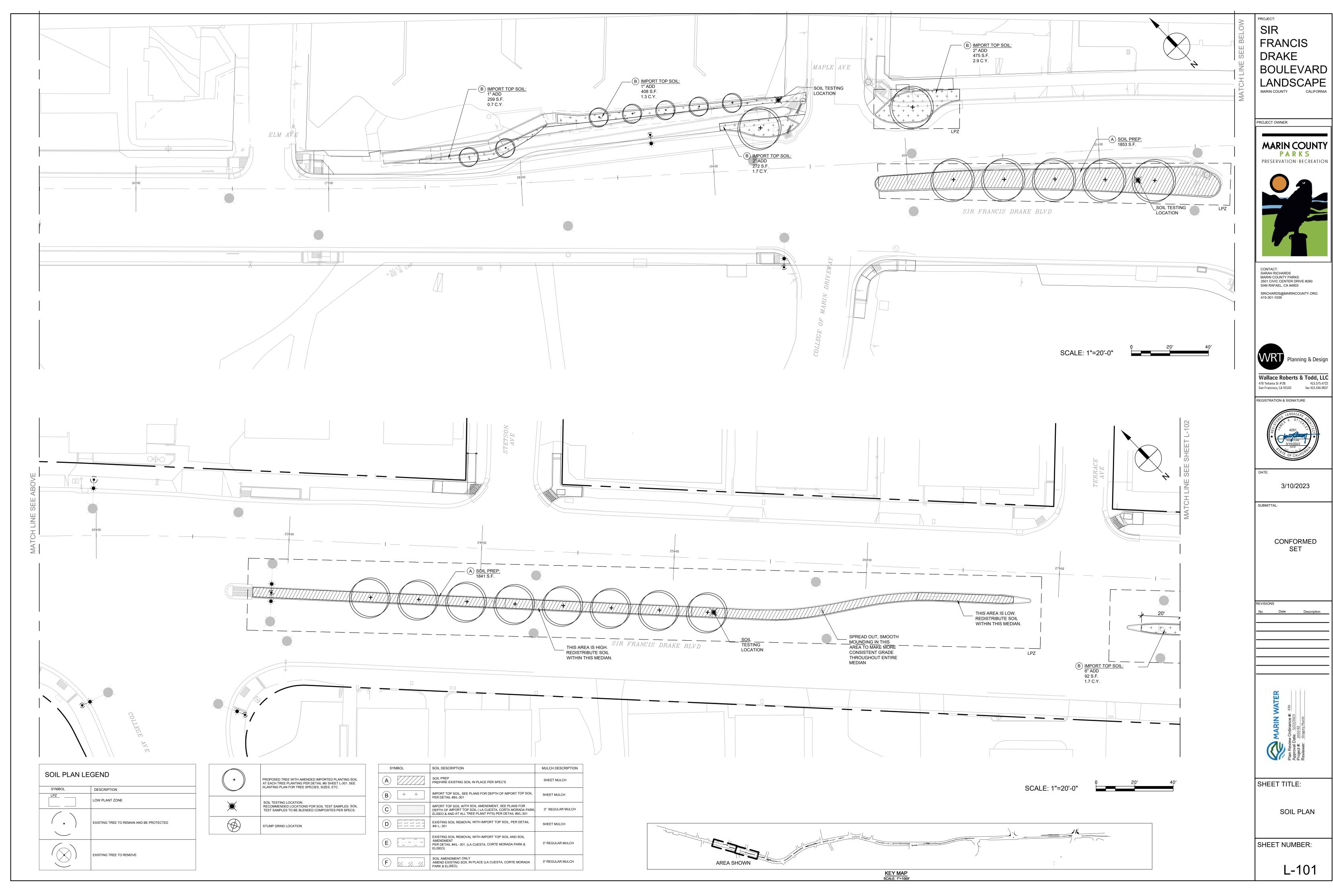
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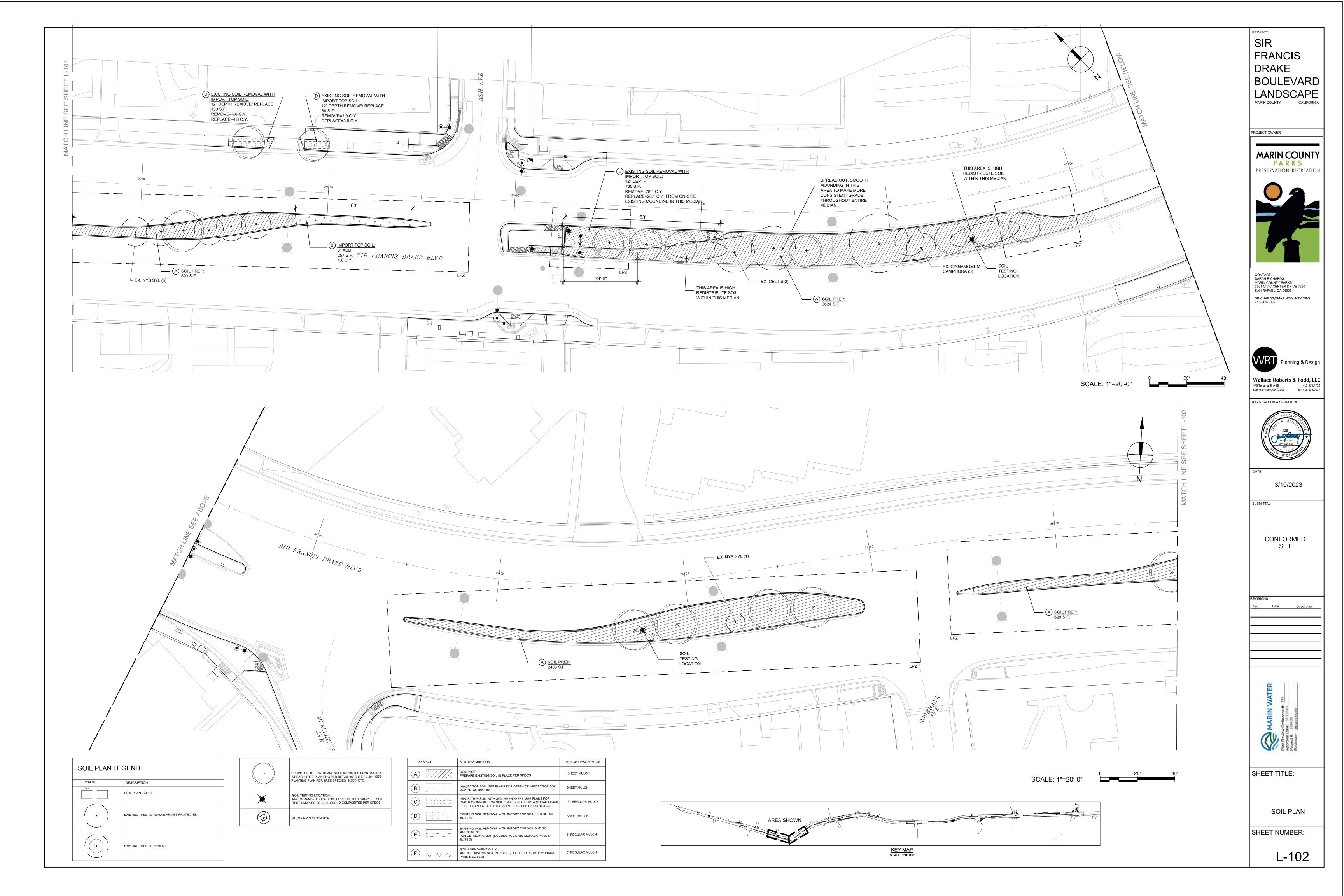
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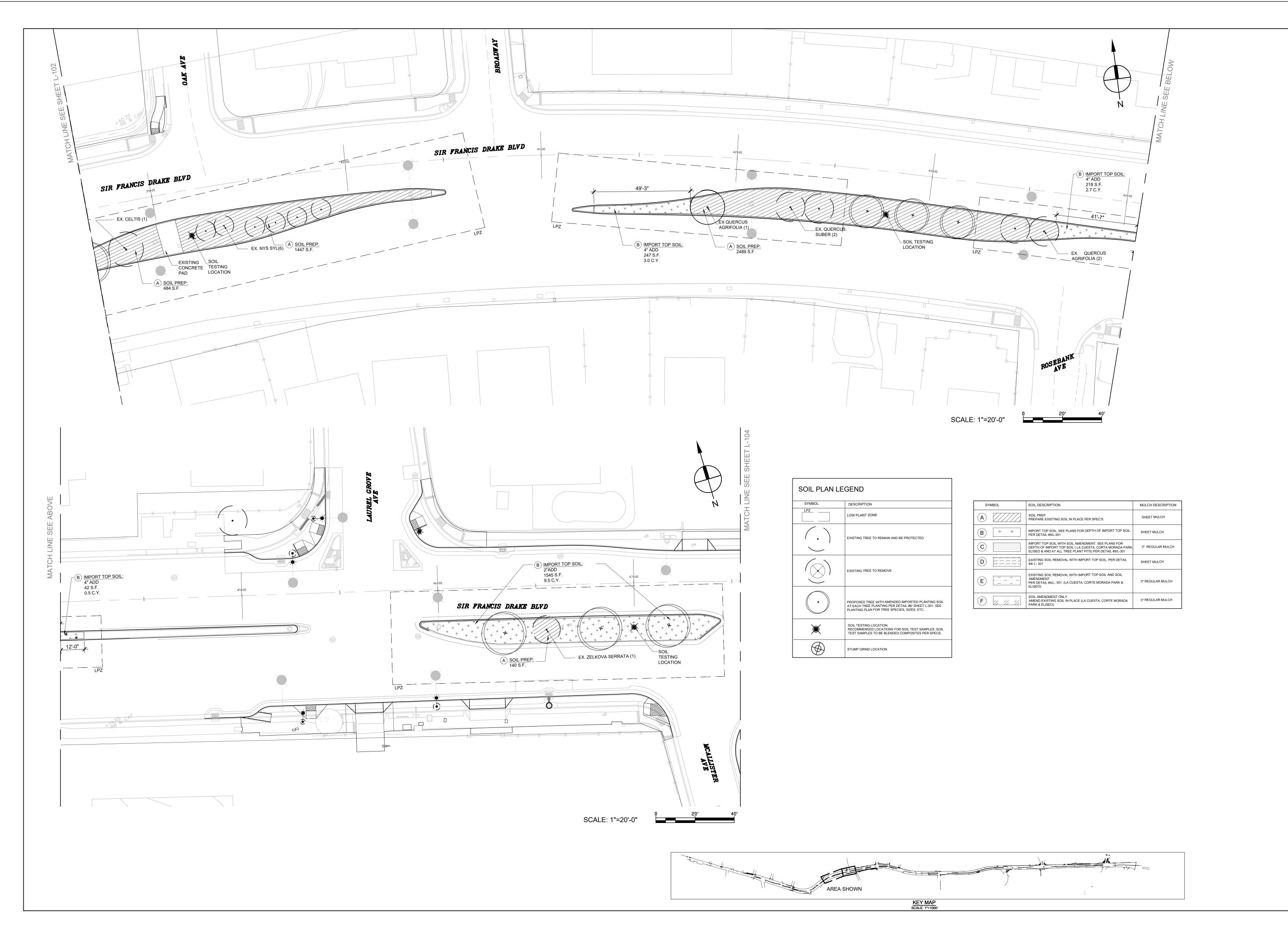
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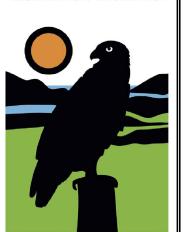






PROJECT OWNER:

MARIN COUNTY
PARKS
PRESERVATION RECREATION



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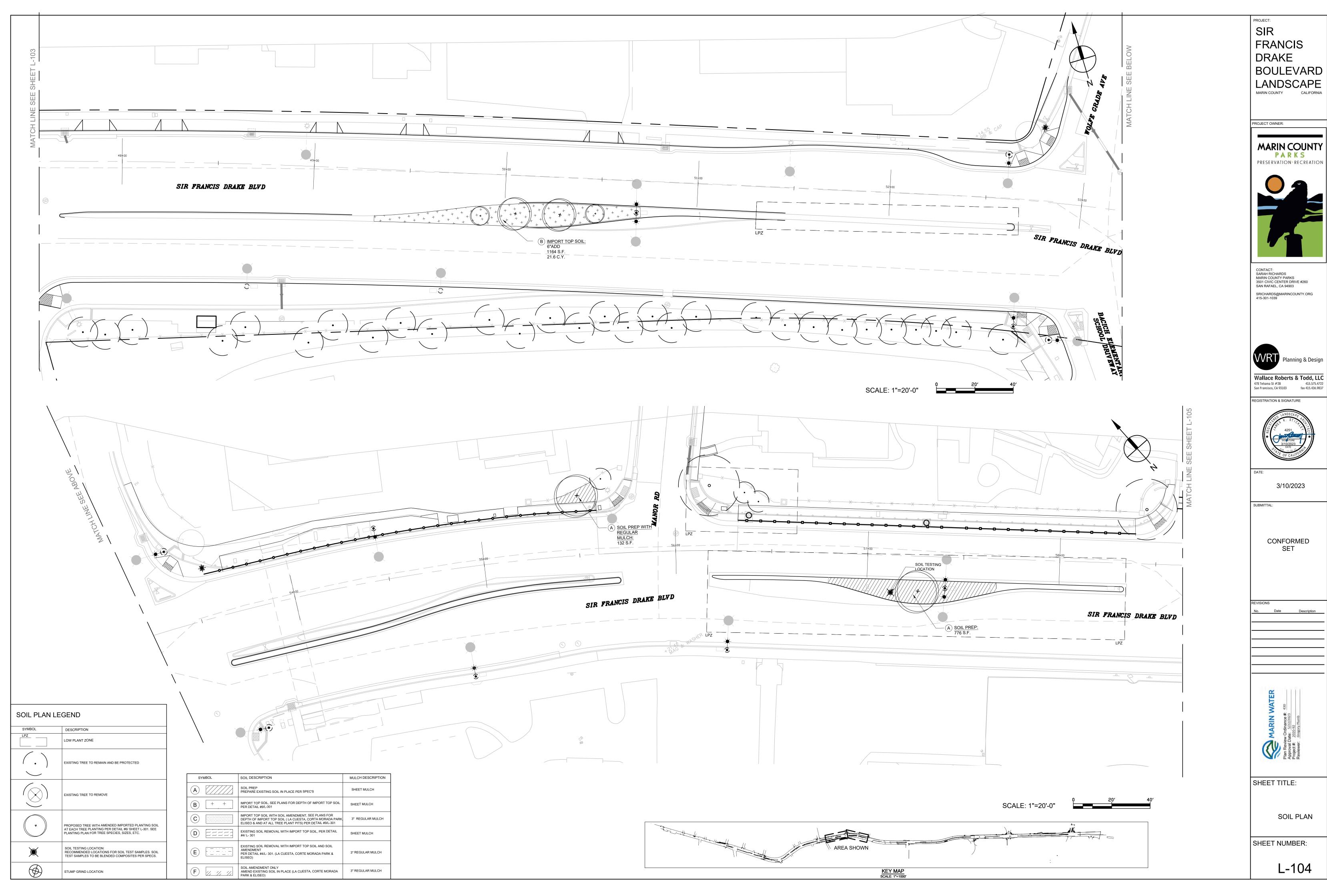
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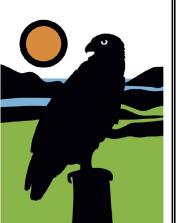


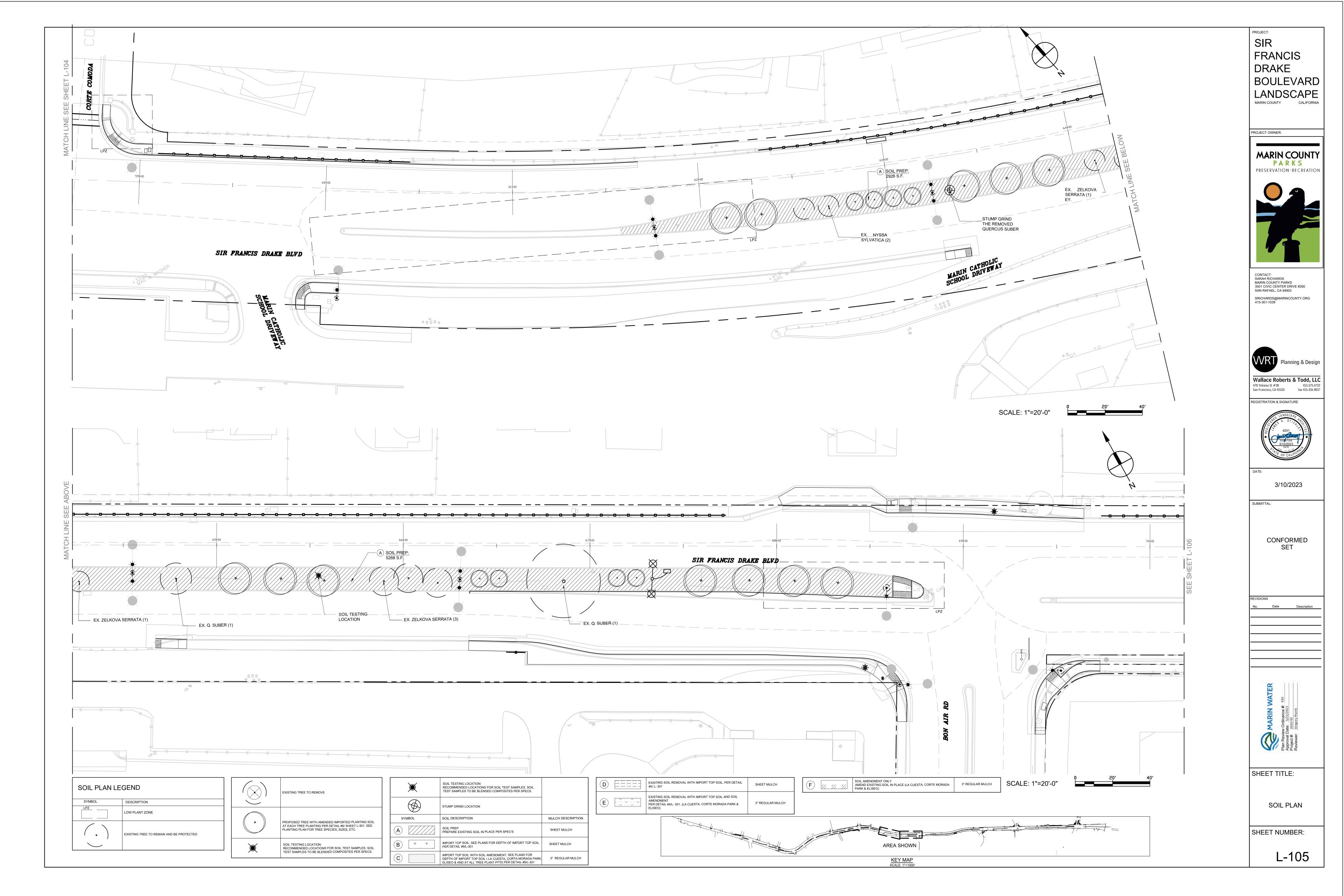
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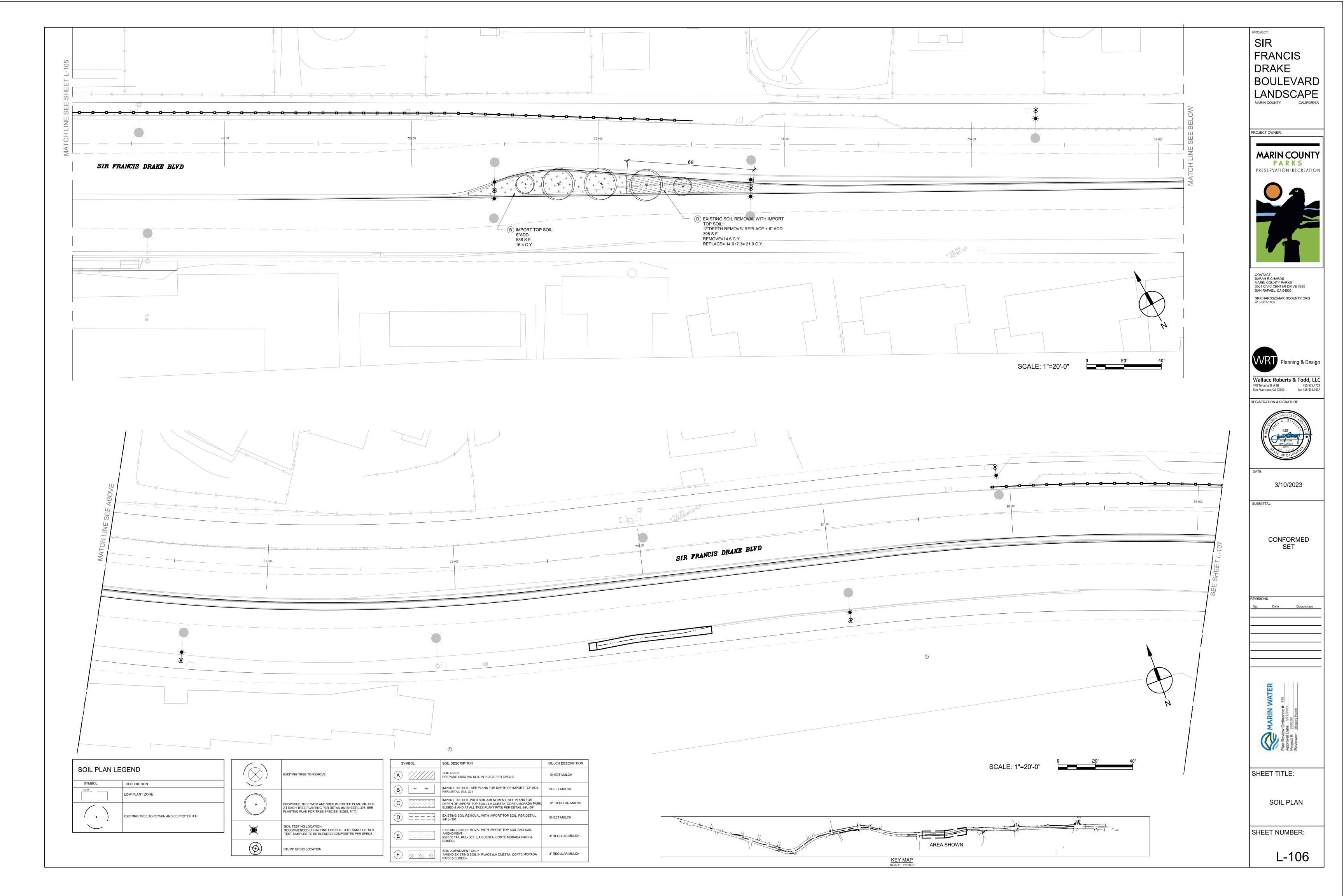
SOIL PLAN

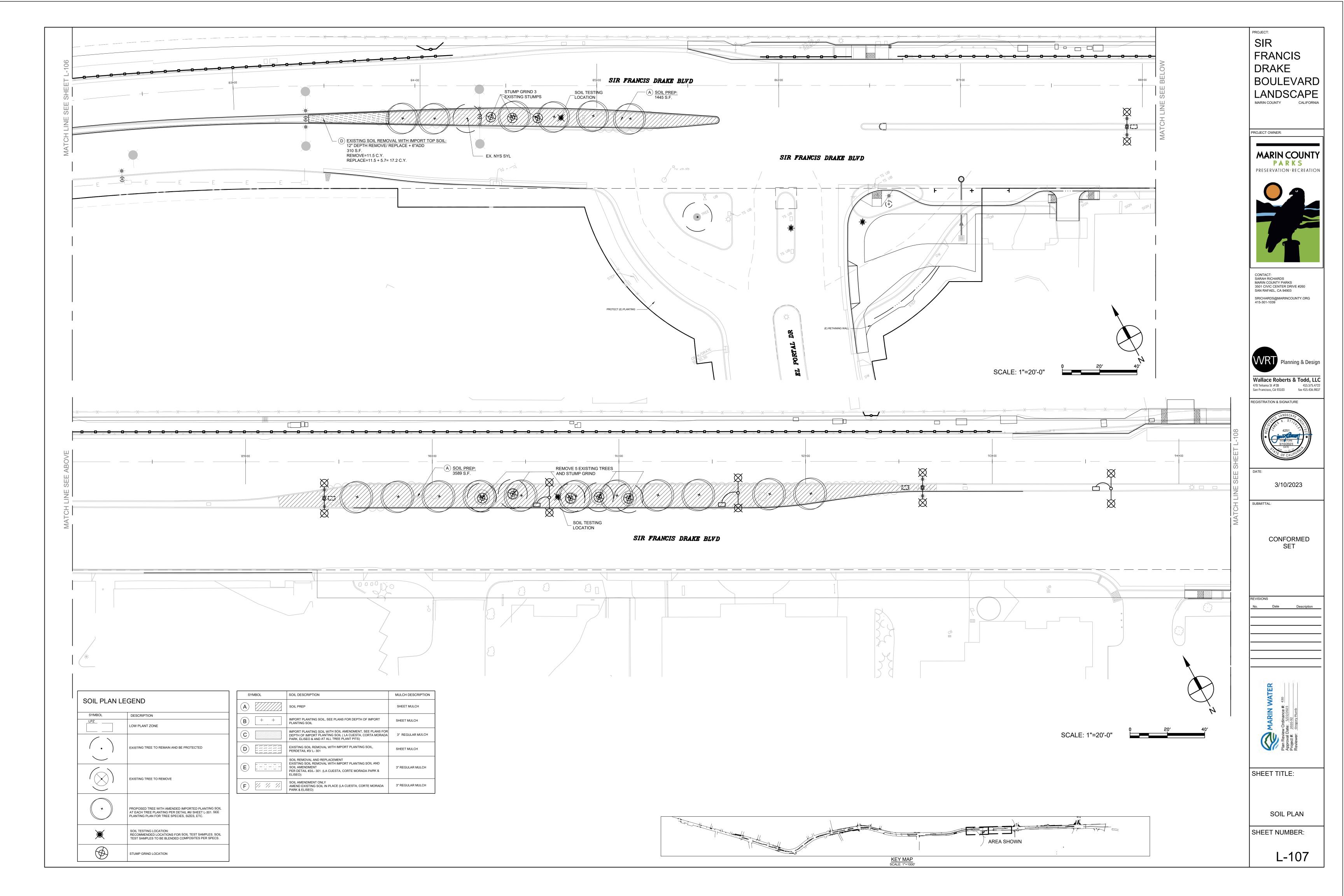
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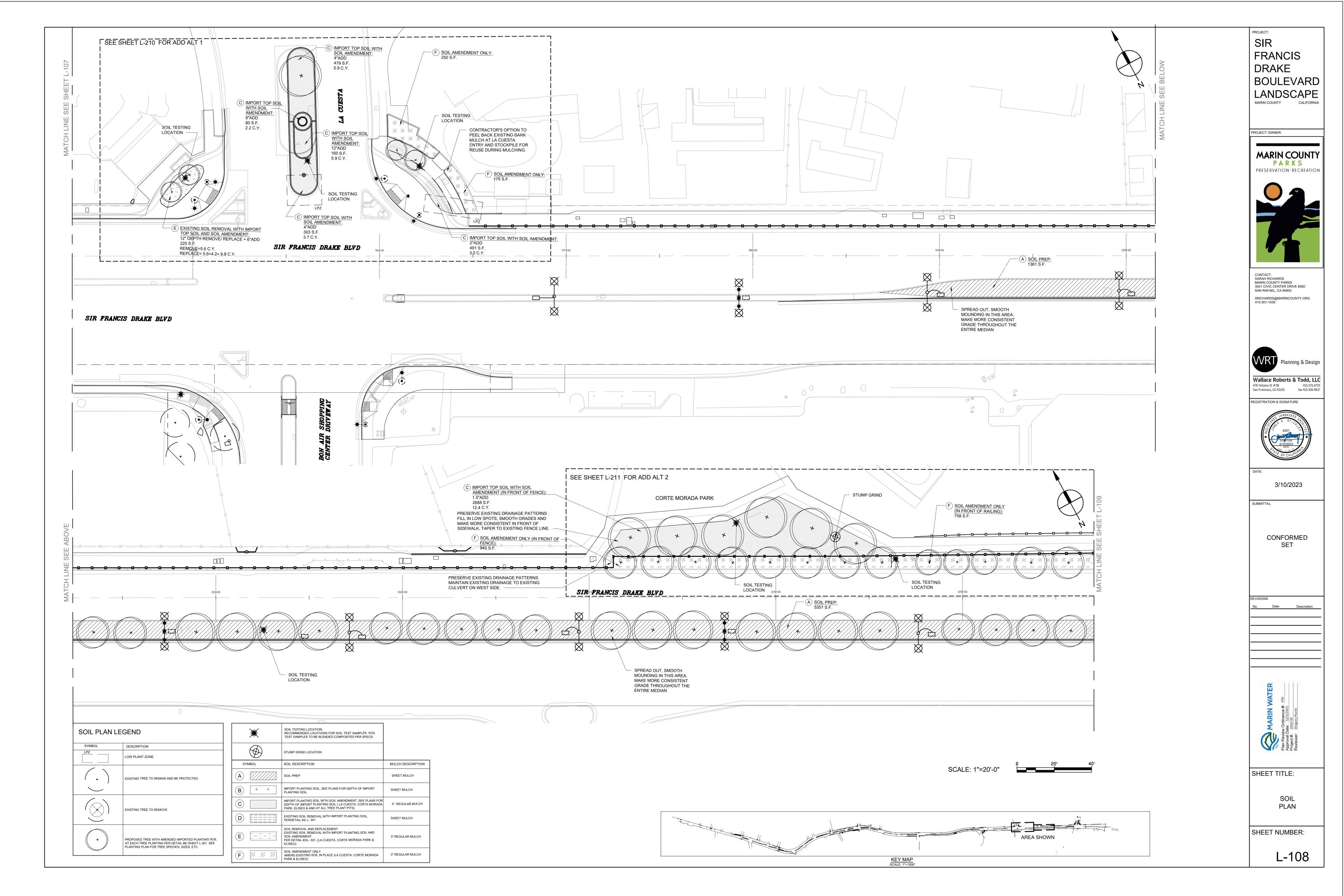


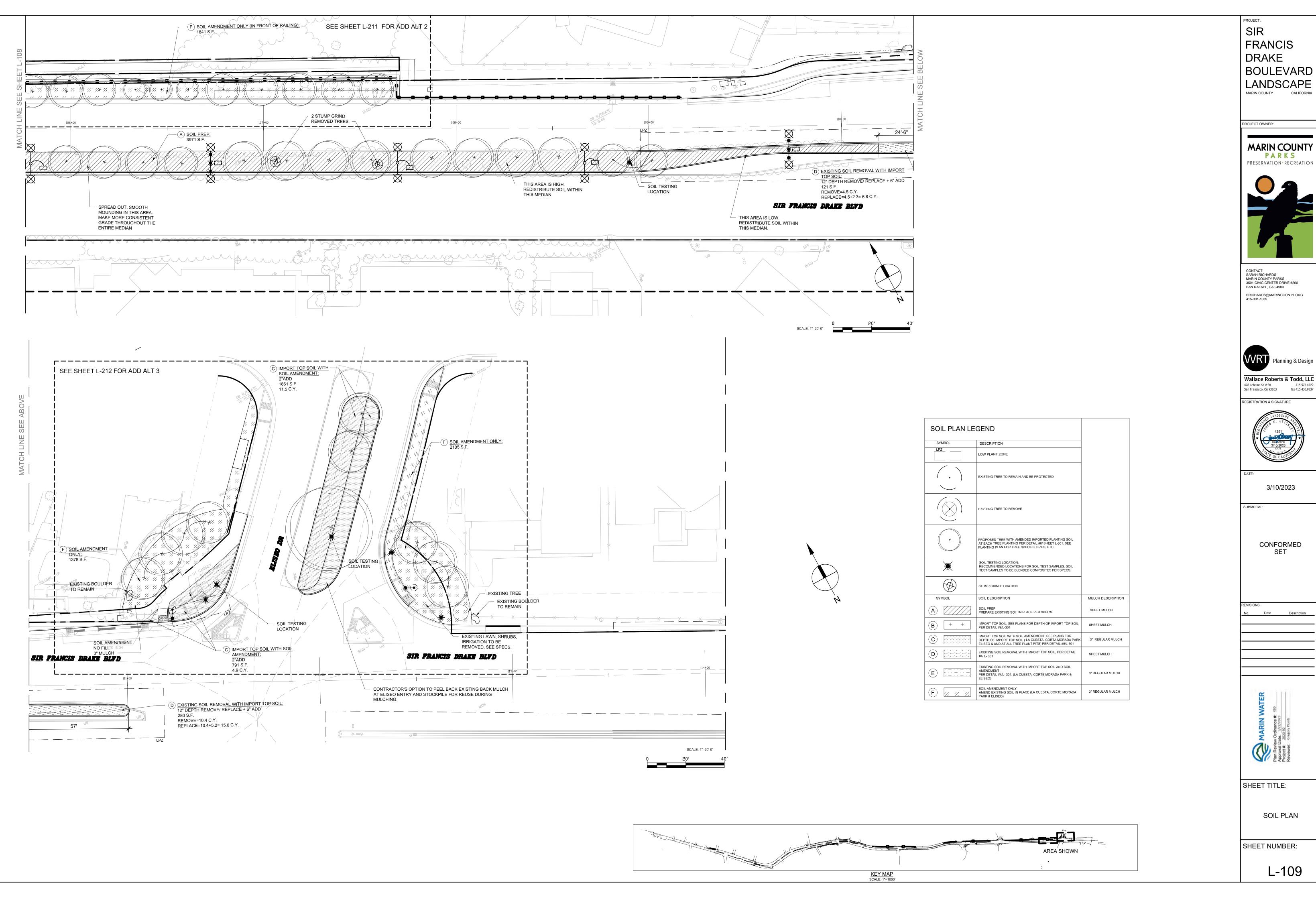




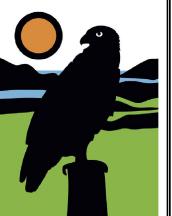








MARIN COUNT PARKS PRESERVATION · RECREATION



CONTACT: SARAH RICHARDS MARIN COUNTY PARKS 3501 CIVIC CENTER DRIVE #260 SAN RAFAEL, CA 94903



478 Tehama St #2B 415.575.4722 San Francisco, CA 93103 fax 415.436.9837 EGISTRATION & SIGNATURE



CONFORMED SET



SHEET TITLE:

SOIL PLAN

SHEET NUMBER:

SYMBOL DESCRIPTION EXISTING TREE TO REMAIN AND BE PROTECTED PROPOSED TREE

TREE COUNTS
TOTAL PROPOSED TREES: 175
*FOR REFERENCE ONLY, DEFER TO PLAN AND FIELD.

LOW PLANT ZONE FOR FUTURE PLANTING AND ADD ALT AREAS WITHIN LOW PLANT ZONES, PLANTS MUST BE MAINTAINED TO BE NO MORE THAN 30" TALL WHEN MEASURED FROM THE ROAD SURFACE. TREE BRANCHING HEIGHT AT MATURITY SHALL BE MAIINTAINED NO LOWER THAN 8' MINIMUM HEIGHT WHEN MEASURED FROM THE ROAD.

SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	SPACING
Abf	AGAVE 'BLUE FLAME' BLUE FLAME AGAVE	15 GAL	4'
NOT USED	(NOT USED)	(NOT USED)	(NOT USED)
Ab	ALOE 'BLUE ELF' BLUE ELF ALOE	5 GAL	3'
Auu	ARCTOSTAPHYLOS UVA-URSI 'RADIANT' RADIANT MANZANITA	5 GAL	5'
Ch	CEANOTHUS HEARSTIORUM HEARST RANCH BUCKBRUSH	5 GAL	5'
(CA)	CAREX TUMULICOLA FOOTHILL SEDGE	1 GAL	2'
Emp	EPILOBIUM CANUM 'MARIN PINK' CALIFORNIA FUSCHIA	1 GAL	2'
CS	CISTUS SALVIIFOLIUS 'PROSTRATUS' SAGELEAF ROCKROSE	5 GAL	4'
NOT USED	NOT USED TO THE REPORT OF THE PARTY OF THE P	(NOT USED)	NOT USED
Lm	LANTANA MONTEVIDENSIS 'TANGERINE' TRAILING LANTANA	1 GAL	3'
LI	LOMANDRA LONGIFOLIA 'BREEZE' NYALLA MAT RUSH	1 GAL	3'
Nf	NEPETA FAASENNII 'PRUSSIAN BLUE' PRUSSIAN BLUE CATMINT	1 GAL	2'
Pb	PHORMIUM 'BLACK ADDER' BLACK NEW ZEALAND FLAX	5 GAL	2.5'
Pt	PITTOSPORUM TOBIRA 'SHIMA' DWARF MOCK ORANGE	5 GAL	3'
Rc	RHAMNUS CALIFORNICA 'SEA VIEW' DWARF CALIFORNIA COFFEEBERRY	5 GAL	6'
(Gg)	GAILLARDIA X GRANDIFLORA BLANKET FLOWER	1 GAL	2'
Sbb	SALVIA X 'BEE'S BLISS' BEE'S BLISS SAGE	5 GAL	4'
Sg	SALVIA GREGGII 'NUEVO LEON' PURPLE AUTUMN SAGE	1 GAL	3'
SI	SALVIA LEUCANTHA MEXICAN BUSH SAGE	1 GAL	3'
TI	TEUCRIUM X LUCIDRYS WALL GERMANDER	1 GAL	2'
NOT USED ?	(NOT USED)	(NOT USED)	NOT USED

PLANTING NOTES

- 1. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE AUTHORIZED ENGINEER. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
- 2.. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
- 3. SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, EXECUTION, AND MAINTENANCE.
- 4. SEE DETAILS AND SPECIFICATIONS FOR PLANTING STAKING METHOD AND BACKFILL REQUIREMENTS.
- 5. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR SHALL CONTACT ENGINEER FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN WILL RESULT IN CONTRACTOR'S LIABILITY FOR MATERIALS RELOCATION.
- 6. TREE LOCATIONS MAY BE ADJUSTED IN THE FIELD TO SUIT SPECIFIC SITE REQUIREMENTS AS DIRECTED BY ENGINEER. STAKE ALL TREE PLANTING LOCATIONS FOR APPROVAL PER SPECIFICATION.
- 7. ALL WORK TO BE PERFORMED BY LICENSED (C27) CONTRACTOR AND EXPERIENCED WORKERS.
- 8. PER MMWD REQUIREMENTS, A MINIMUM OF OF 8 INCHES OF NON-MECHANICALLY COMPACTED SOIL SHALL BE AVAILABLE FOR WATER ABSORPTION AND ROOT GROWTH IN PLANTED AREAS. REFER TO SOIL PLANS, DETAILS, AND LANDSCAPE SPECIFICATIONS FOR MORE INFORMATION ON PLANTING SOILS.
- 9. AT TIME OF PLANTING, INCORPORATE COMPOST OR NATURAL FERTILIZER INTO THE SOIL AS REQUIRED PER THE SPECIFIC AMENDMENT RECOMMENDATIONS FROM A SOILS LABORATORY REPORT.
- 10. PER MMWD REQUIREMENTS, A MINIMUM 3 INCH LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACE OF PLANTING AREAS EXCEPT IN TURF AREAS, CREEPING OR ROOTING GROUNDCOVERS, AND DIRECT SEEDING APPLICATIONS. REFER TO SOIL PLANS, DETAILS, AND LANDSCAPE SPECIFICATIONS FOR MORE INFORMATION ON MULCH.
- 11. REFER TO LANDSCAPE DETAILS & SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING	TREE SIZE*	ESTIMATED CANOPY AREA AT 50% MATURITY	NOTES	SIZE
JLM PAR 'ALLEE'	Ulmus parvifolia 'Allee' Alle Chinese Elm	L	Large	500 s.f.	Standard	24" Box
JLM PAR 'DRAKE'	Ulmus parvifolia ' Drake ' Drake Chinese Elm	L	Medium	500 s.f.	Standard	24" Box
OLE SWA	Olea e. 'Swan Hill' Fruitless Swan Olive	VL	Medium	300 s.f.	Multi-trunk, high branching	36" Box
CHI LIN	Chilopsis linearis 'Burgundy' Burgundy Desert Willow	VL	Small	100 s.f.	Standard	24" Box
CHI TAS	Chitalpa tashkentensis 'Pink Dawn' Pink Dawn Chitalpa	L	Small	100 s.f.	Standard	24" Box
CER OCC	Cercis occidentalis Western Redbud	VL	Small	100 s.f.	Multi-trunk, high branching	24" Box
AG IND MUS	Lagerstroemia indica 'Muskogee' Muskogee Crape Myrtle	L	Small	100 s.f.	Standard	24"/36" Box, see plar
AG IND NAT	Lagerstroemia indica 'Natchez' Natchez Crape Myrtle	L	Medium	300 s.f.	Standard	24"/36" Box, see plar
QUE GAR	Quercus garryana Oregon White Oak	L	Large	500 s.f.	Standard	24" Box
PIS CHI	Pistache chinensis Chinese pistache	L	Medium	300 s.f.	Standard Ratio: 1 female :3 males Distributed evenly in groups	24" Box
QUE LOB	Quercus lobata Valley Oak	L	Large	500 s.f.	Standard	24" Box
QUE AGR	Quercus agrifolia Coast Live Oak	L	Large	500 s.f.	Standard	24"/48" Box, see plar
GIN BIL	Ginkgo biloba 'Autumn Gold' Ginkgo Tree	L	Large	500 s.f.	Standard	24" Box

SIR FRANCIS DRAKE BOULEVARD LANDSCAPE

PROJECT OWNER:





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EGISTRATION & SIGNATURE



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3/10/2023

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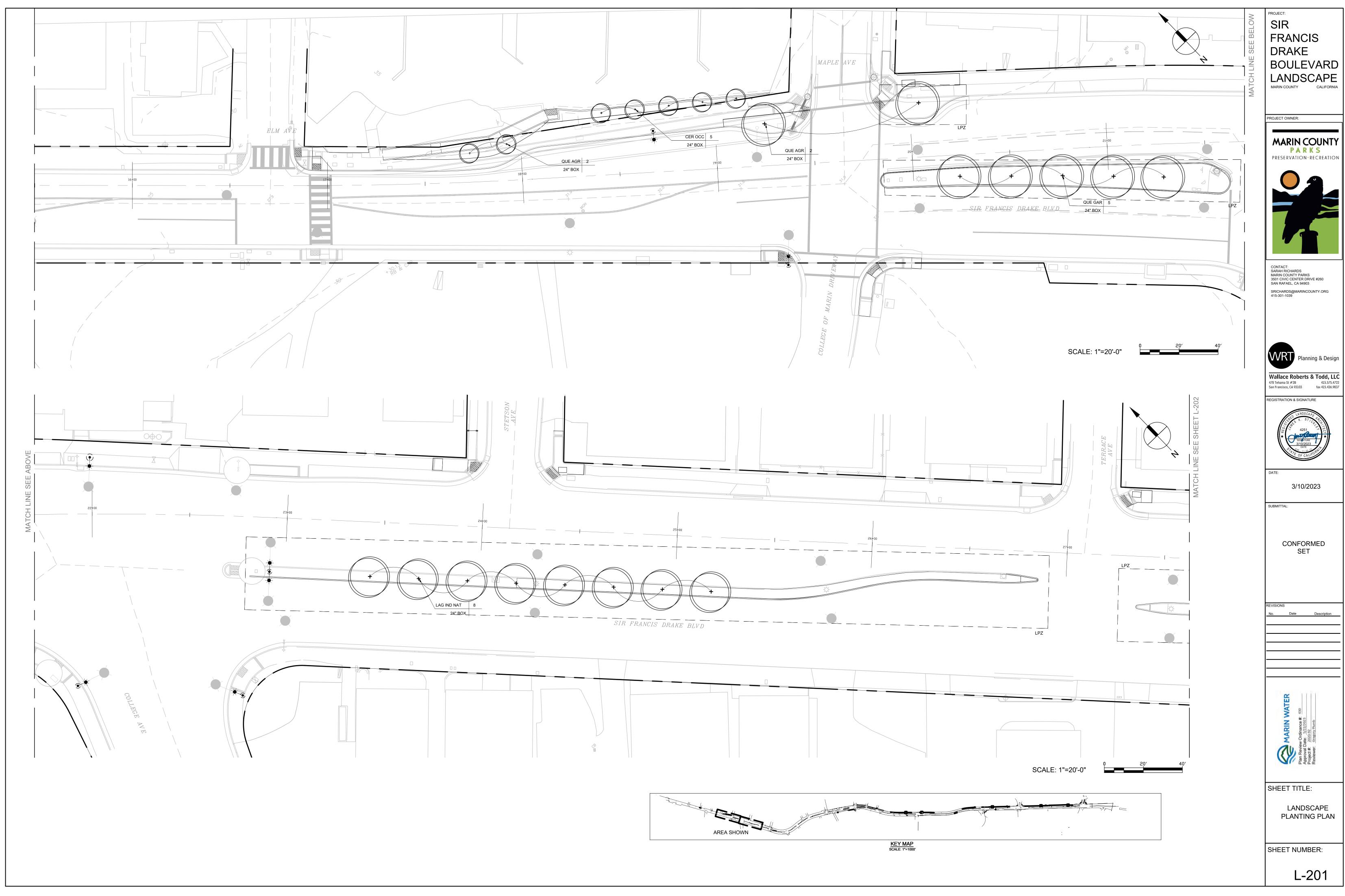
5/19/23 Addendum #1

MARIN WATER
riew Ordinance #: 430
Date: 5/22/2023
: 2020-92
r. Gregory Plumb

SHEET TITLE:

PLANTING NOTES AND LEGEND

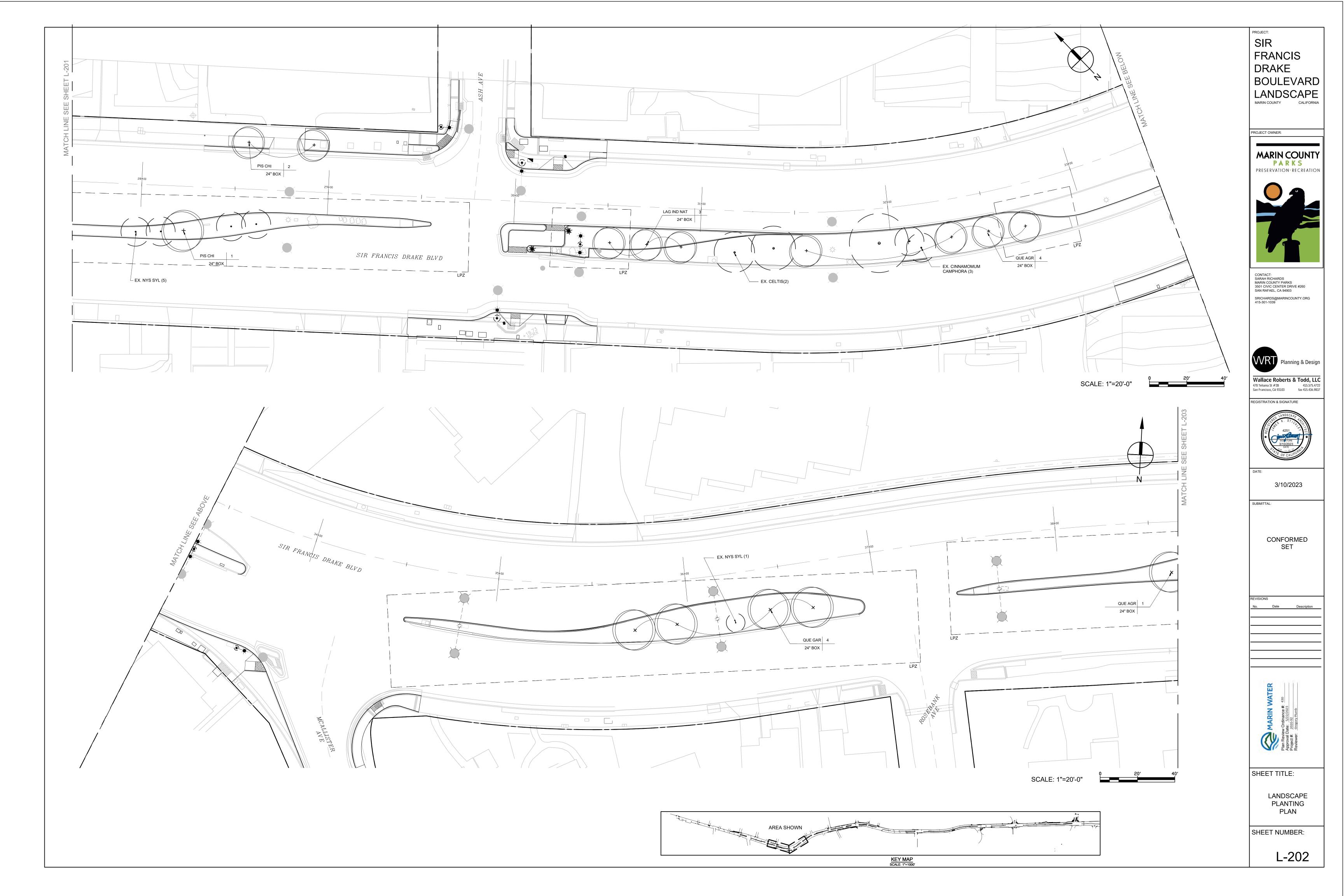
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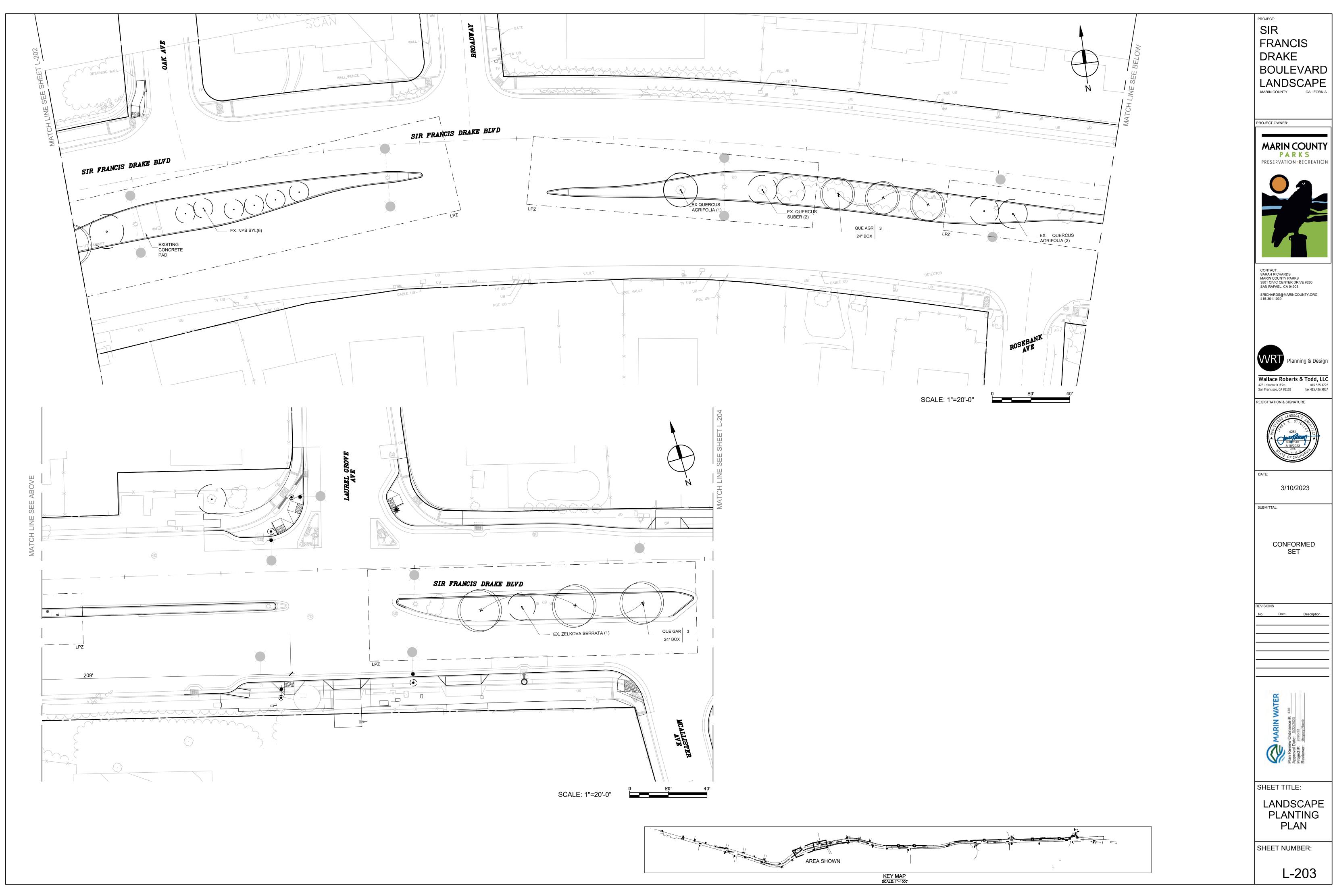






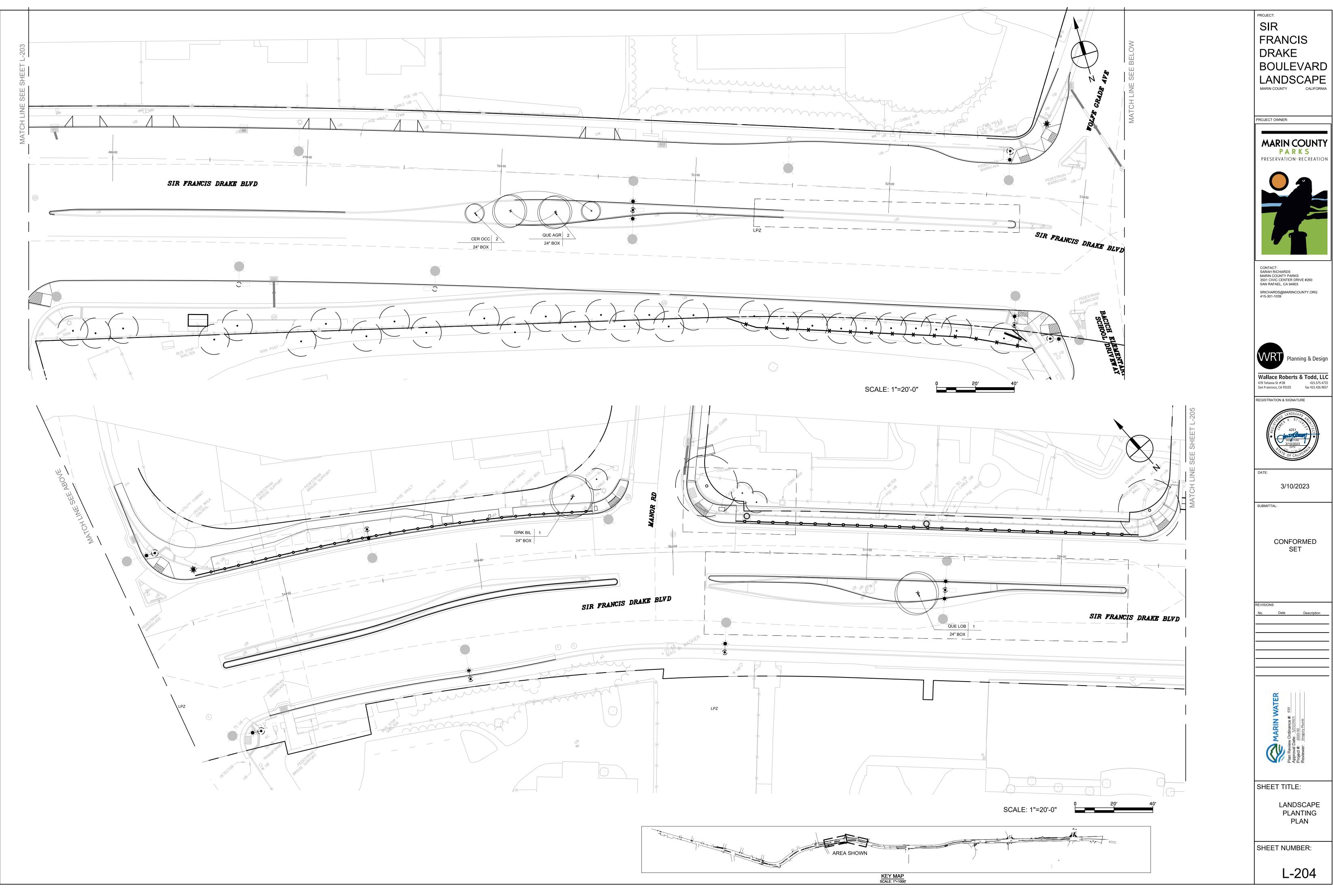




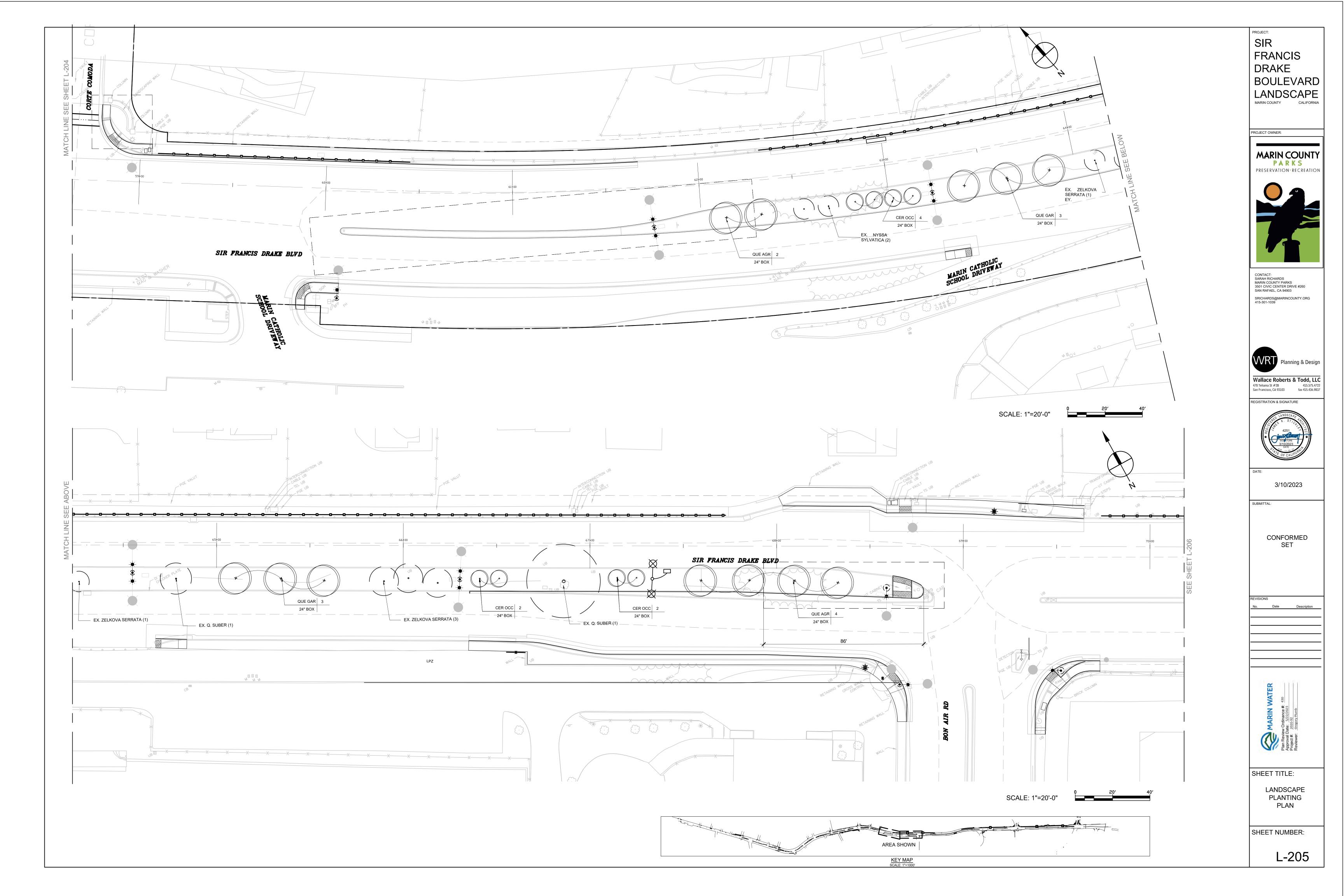


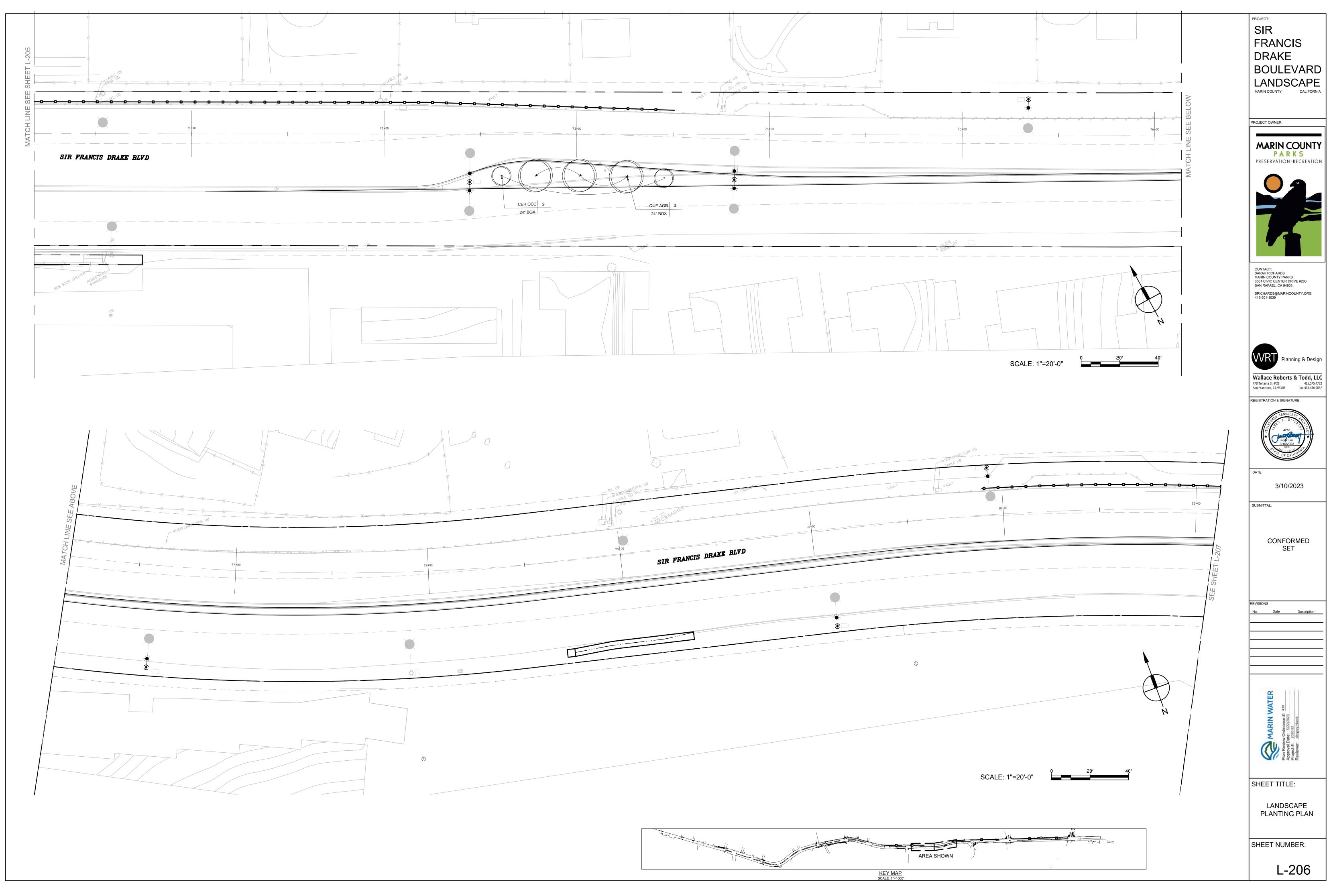








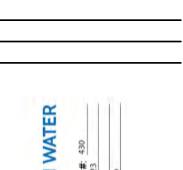


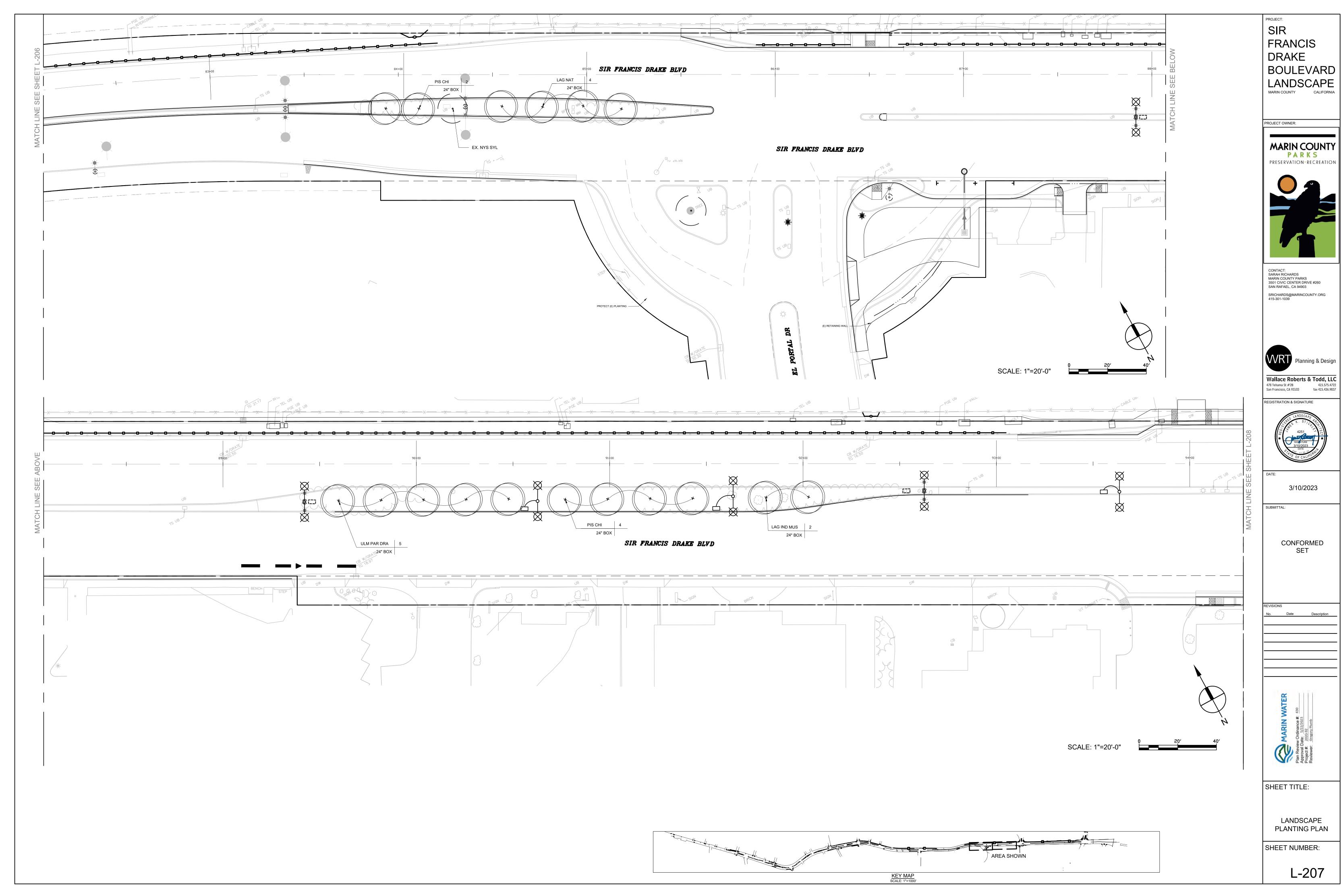


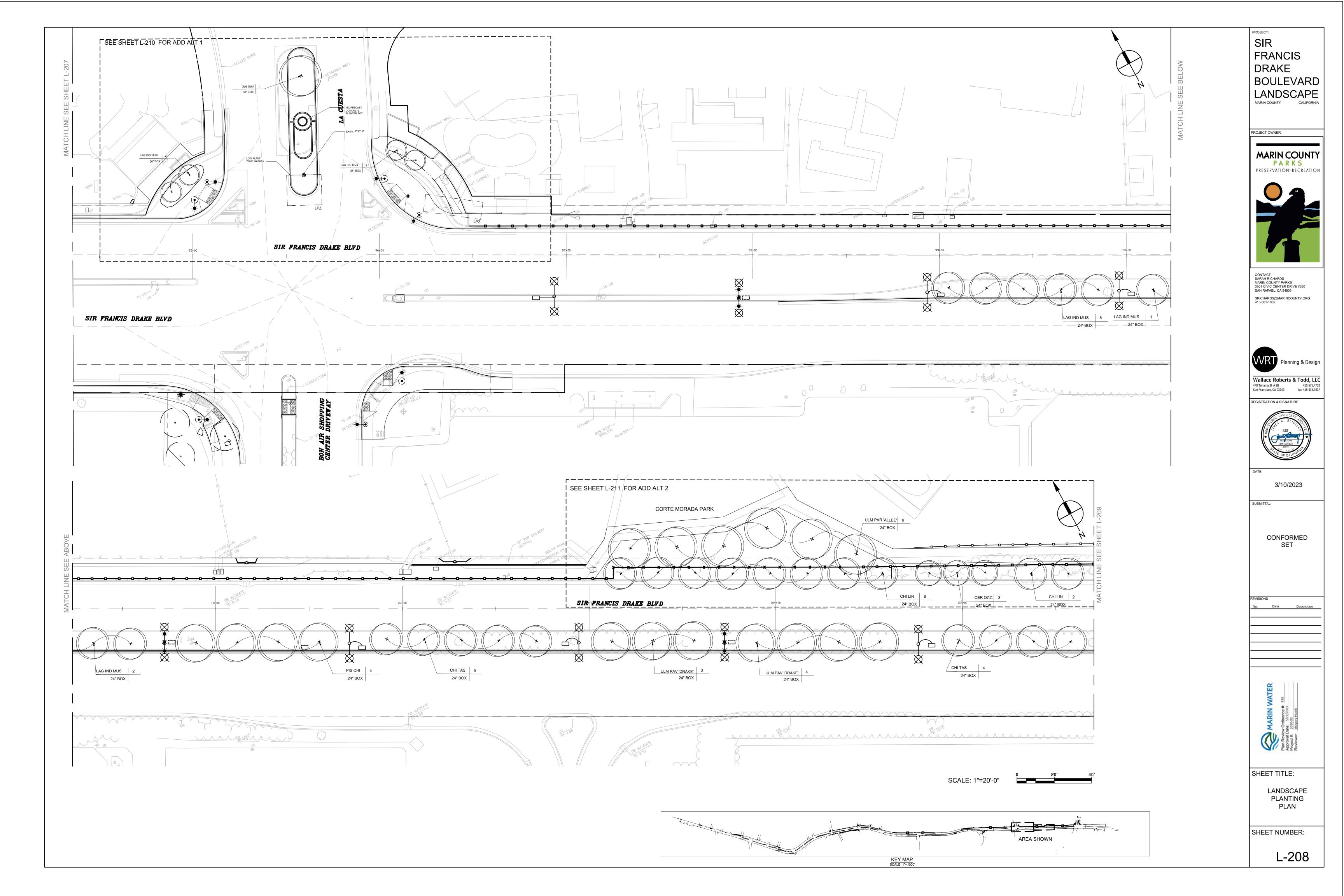


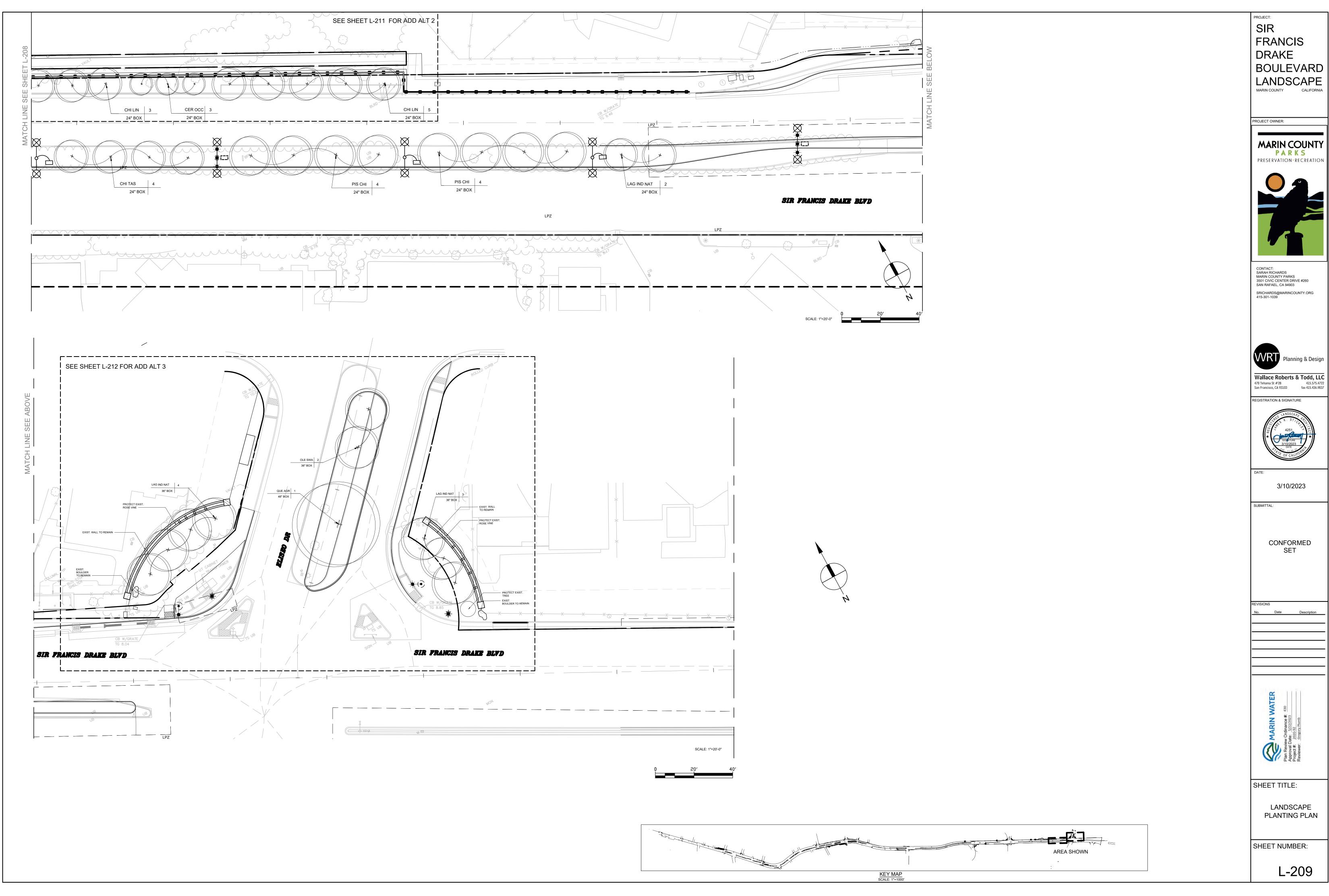






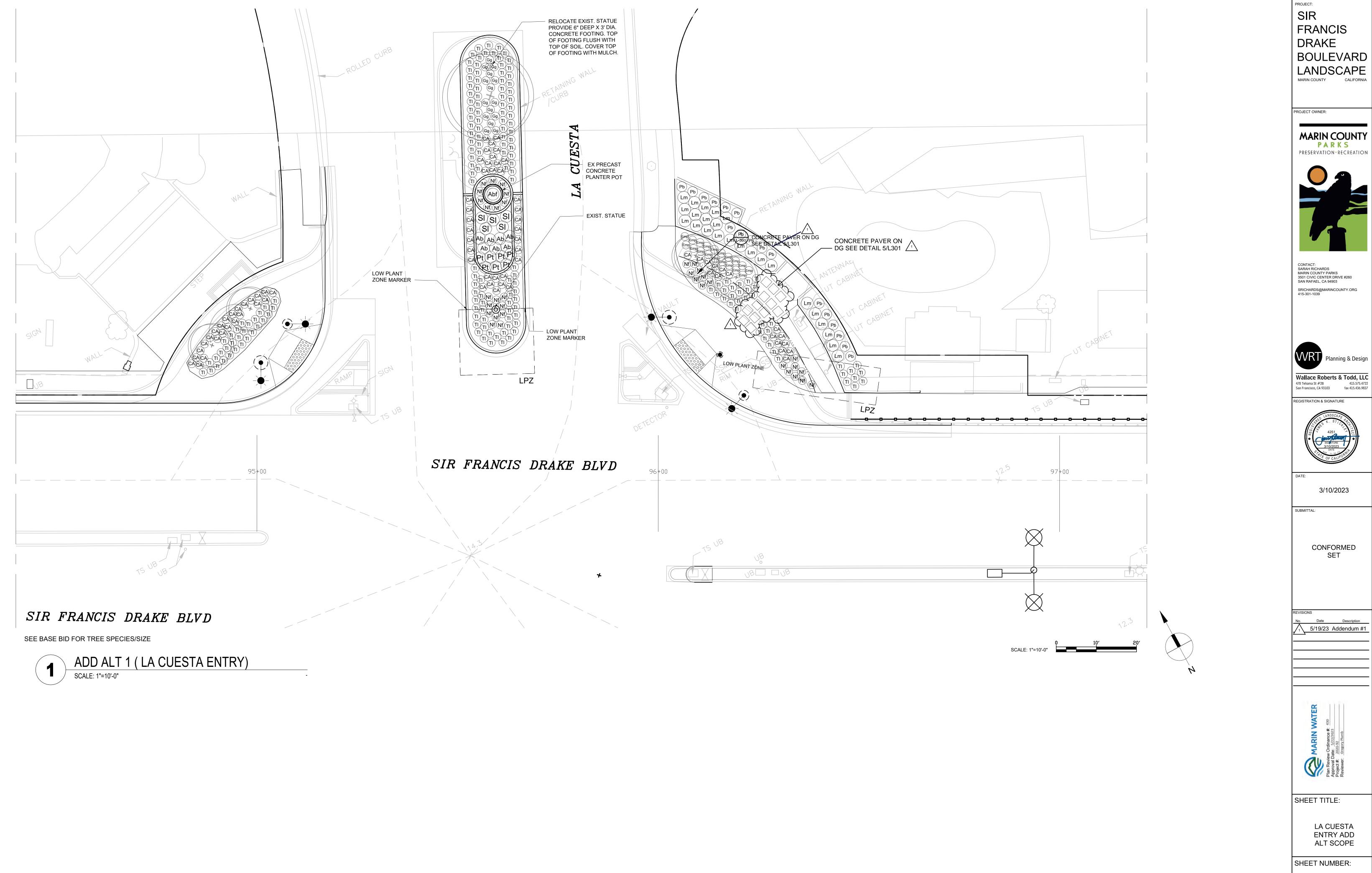












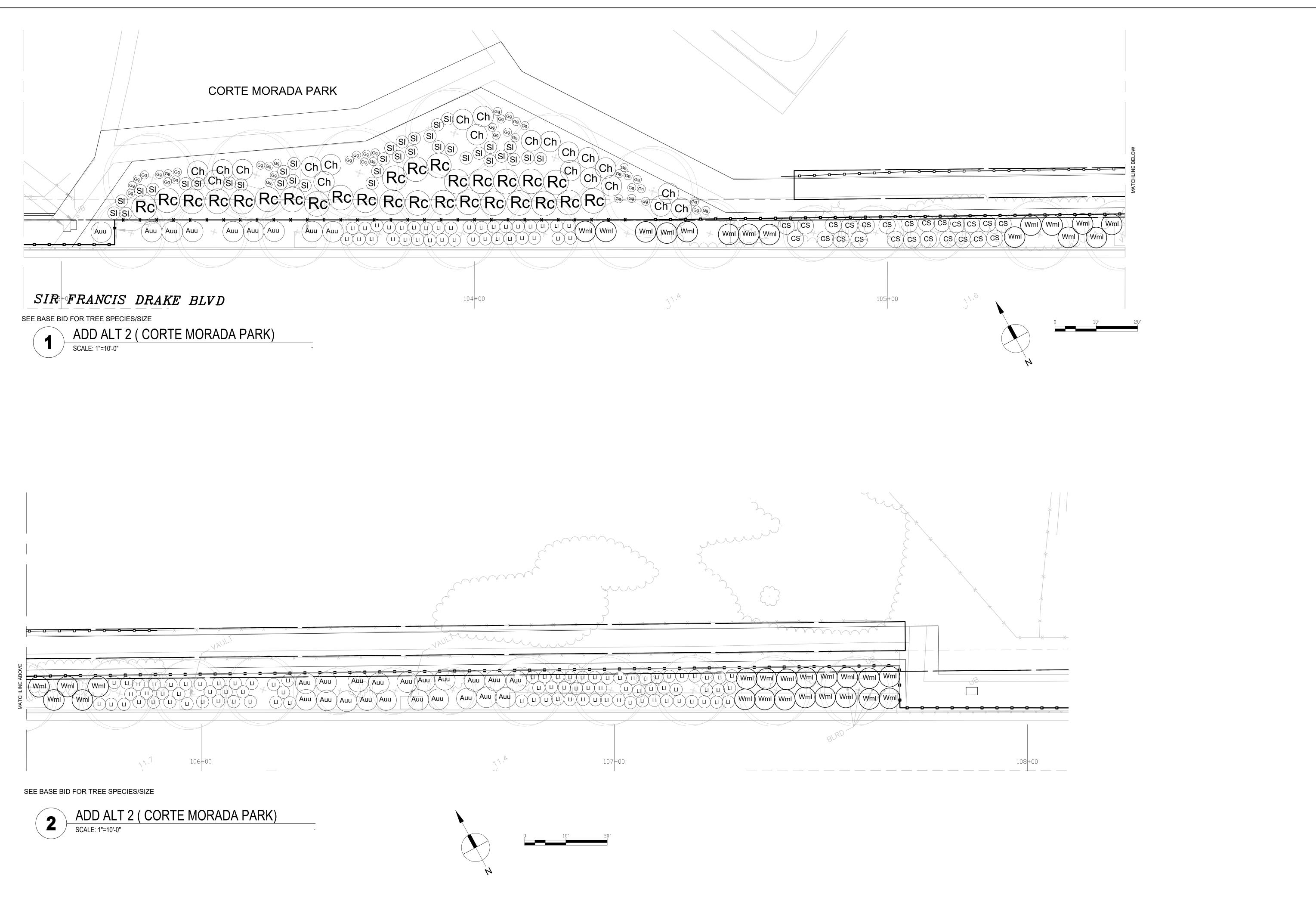
BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

MARIN COUNTY PARKS
PRESERVATION RECREATION









PROJECT OWNE

MARIN COUNTY
PARKS
PRESERVATION RECREATION



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REGISTRATION & SIGNATURE



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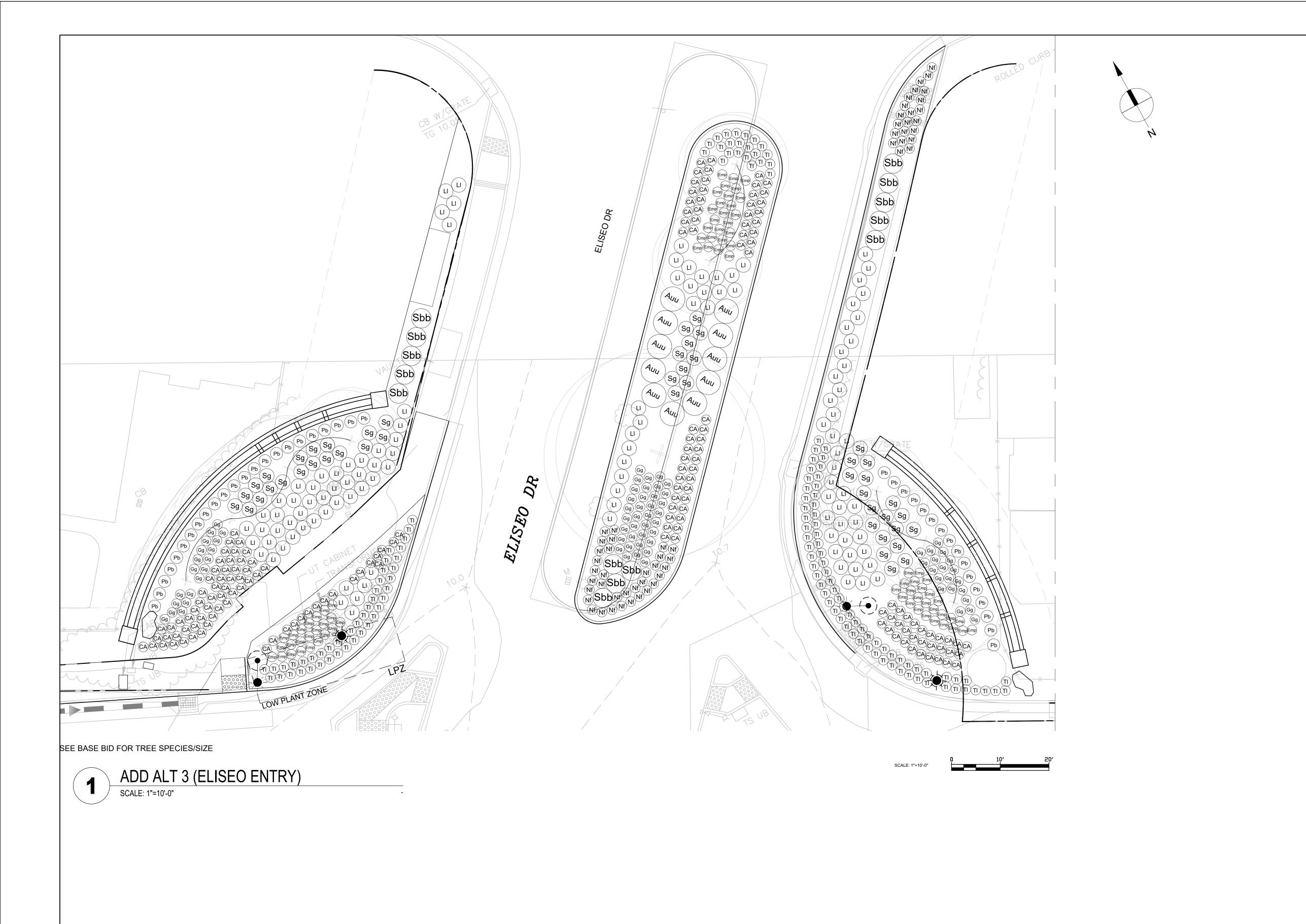
Date Description

MARIN WATER
Plan Review Ordinance #: 430
Approval Date: 5/22/2023
Project #: 2020-92
Reviewer: Gregory Plumb

SHEET TITLE:

CORTE MORADA
PARK ADD ALT
SCOPE

SHEET NUMBER:



PROJECT

MARIN COUNTY
PARKS
PRESERVATION RECREATION



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3/10/2023

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REVISIONS

No. Date

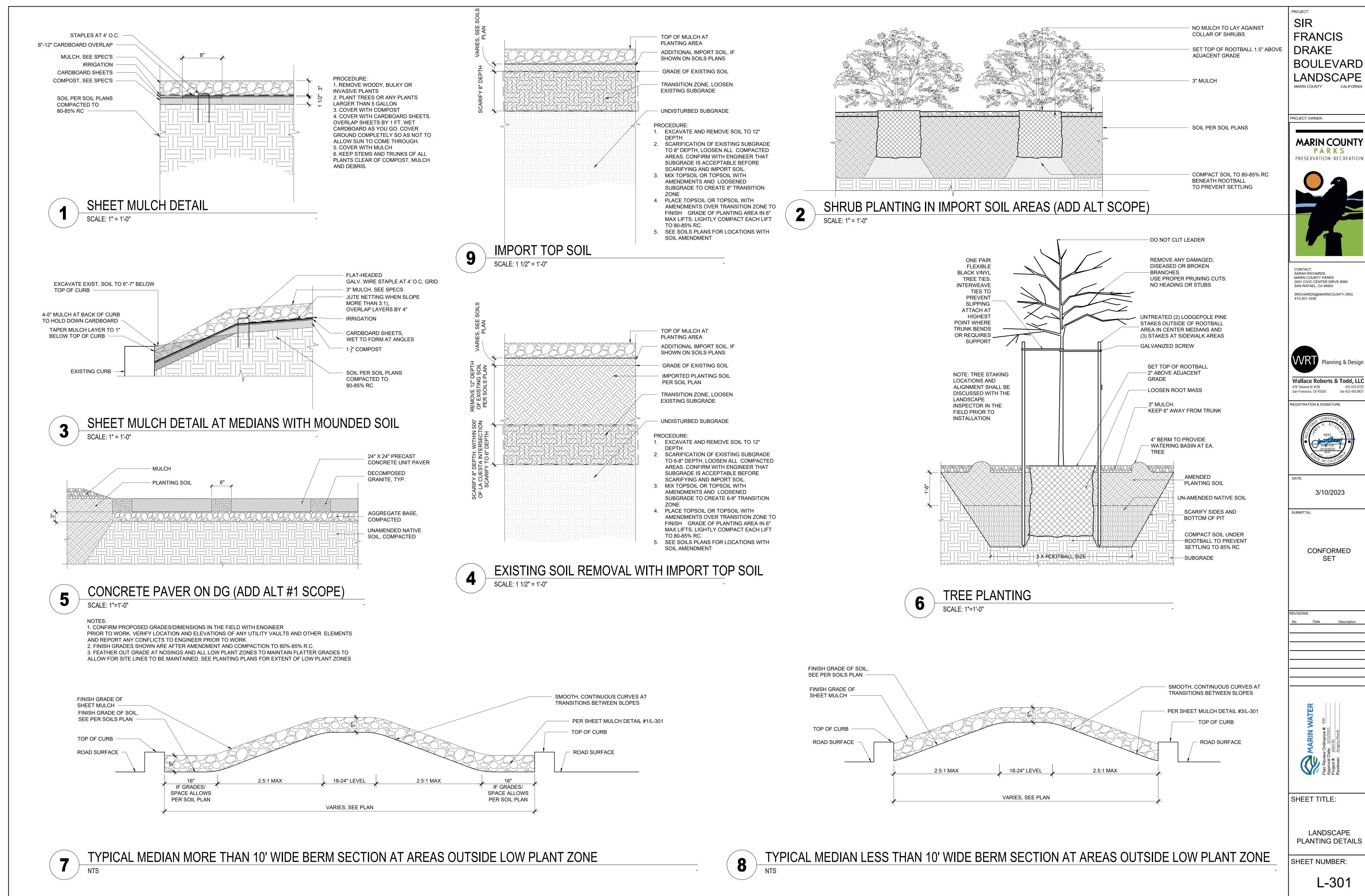
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MARIN WATER
Plan Review Ordinance #: 430
Approval Date: 5/22/2023
Project #: 2020-92
Reviewer: Gregory Plumb

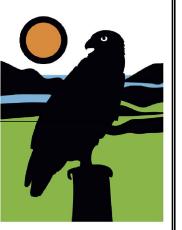
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PRESERVATION · RECREATION







IRRIGATION NOTES

- 1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
- 2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.
- 3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.
- 4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.
- 5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.
- 6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.
- 7. PROVIDE EACH CONTROLLER WITH ITS OWN GROUND ROD. SEPARATE THE GROUND RODS BY A MINIMUM OF EIGHT FEET. THE GROUND ROD SHALL BE AN EIGHT FOOT LONG BY 5/8" DIAMETER U.L. APPROVED COPPER CLAD ROD. INSTALL NO MORE THAN 6" OF THE GROUND ROD ABOVE FINISH GRADE. CONNECT #6 GAUGE WIRE WITH A U.L. APPROVED GROUND ROD CLAMP TO ROD AND BACK TO GROUND SCREW AT BASE OF CONTROLLER WITH APPROPRIATE CONNECTOR. MAKE THIS WIRE AS SHORT AS POSSIBLE, AVOIDING KINKS OR BENDING.
- 8. INSTALL NEW BATTERIES IN THE IRRIGATION CONTROLLER(S) TO RETAIN PROGRAM IN MEMORY DURING TEMPORARY POWER FAILURES. USE QUANTITY, TYPE AND SIZE REQUIRED AS PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.
- 9. SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.
- 10. INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS.
- 11. PROVIDE EACH IRRIGATION CONTROLLER WITH ITS OWN INDEPENDENT LOW VOLTAGE COMMON GROUND WIRE.
- 12. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. COMMON GROUND WIRE: SIZE #12-1 WIRE WITH A WHITE INSULATING JACKET. CONTROL WIRE SERVICING REMOTE CONTROL VALVES: SIZE #14-1 WIRE WITH INSULATING JACKET OF COLOR OTHER THAN WHITE. SPLICES SHALL BE MADE WITH 3M-DBY SEAL PACKS OR APPROVED EQUAL.
- 13. INSTALL TWO SPARE CONTROL WIRES OF A DIFFERENT COLOR ALONG THE ENTIRE MAIN LINE. LOOP 36" EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.
- 14. SPLICING OF LOW VOLTAGE WIRES IS PERMITTED IN VALVE BOXES ONLY.
 LEAVE A 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPLICE AND
 A 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE
 WIRES TOGETHER EVERY TEN FEET. DO NOT TAPE WIRES TOGETHER WHERE
 CONTAINED WITHIN SLEEVING OR CONDUIT.
- 15. INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
- 16. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS

- 17. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.
- 18. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.
- 19. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE.
- 20. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE. ENSURE A MINIMUM OF 1 EMITTER IS IN CONTACT WITH THE ROOT BALL OF EACH SHRUB/GROUNDCOVER. 2 BUBBLERS IN CONTACT FOR EACH TREE.
- 21. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.
- 22. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.
- 23. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.
- 24. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
- 25. IRRIGATION DEMAND: REFER TO PLANS.
- 26. THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.
- 27. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
- 28. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.
- 29. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES. FTC.
- 30. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
- 31. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.
- 32. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.

IRRIGATION LEGEND-CONTINUED

SYMBOL	DESCRIPTION	
	CONTROLLER AN	D STATION NUMBER
•	FLOW (GPM)	
	REMOTE CONTRO	DL VALVE SIZE (IN INCHES)
	ASSOCIATED REA	NOTE CONTROL VALVE
	CONTROLLER AN	D STATION NUMBER
•	AREA (SQ. FT.)	
• •	FLOW (GPM)	
	REMOTE CONTRO	DL VALVE SIZE (IN INCHES)
	ASSOCIATED REA	MOTE CONTROL VALVE
	MAIN LINE:	2" AND SMALLER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 15" COVER. LOCATE 18" OFF BACK OF CURB OR WALK WHERE POSSIBLE.
	LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.
	DRIPLINE LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER. (ADD ALT SCOPE)
	SLEEVING:	SCHEDULE 40 PVC PLASTIC PIPE. COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.
_FSFSFS	APPROXIMATE	MASTER VALVE CABLE: E ROUTING OF FLOW SENSOR AND MASTER VALVE ARATE 1" CONDUITS. REFER TO DETAILS FOR MORE J.
D ALT SCOPE PVC LATERAL		TE CONTROL VALVE
SUPPLY EXHAUST HEADER — HEADER —	DRIP ZONE:	NETAFIM TECHLINE CV SERIES DRIPLINE, PART # TLCV4-12. USE 17mm BARBED FITTINGS. TUBING TO BE INSTALLED 4" BELOW GRADE OR ON TOP OF CARD BOARD IN A 12" O.C. (MAXIMUM) GRID ACCORDING TO DETAILS. SIZE EXHAUST HEADERS AS FOLLOWS: 1": 0-10 GPM, 1.25": 11-20 GPM. ALL EXHAUST HEADERS SHALL BE 1" SCH 40 PVC OR 1" SCH 40 FLEXIBLE PVC. USE SCH. 40 PVC SOLVENT WELD FITTINGS. EXTEND PVC HEADERS TO THE ENDS OF ALL DRIP ZONES TO BALANCE FLOW IF REQUIRED. SEE DETAILS FOR FURTHER INFORMATION. ADD ALT AREAS ONLY.
DVC LATERAL —		- DRIPLINE REMOTE CONTROL VALVE
PVC LATERAL		APPROXIMATE CONNECTION POINT BETWEEN DRIPLINE TUBING AND PVC SUPPLY WHEN DRIP ZONE IS LESS THAN 3 GPM AND NO PVC SUPPLY/EXHUST HEADERS ARE NEEDED. REFER TO DRIPLINE TUBING

-							
	4	TLCV4-12	ON GRADE TECHLINE WITH 12" O.C. EMITTER DRIP RING FOR TREES (4 RINGS PER TREE) SEE DETAIL	0.10	30	TRICKLE	
	•	1402	RAIN BIRD BUBBLER, MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.50	30	TRICKLE	
	•+	WLT-0500-T	NDS SCH 40 BALL VALVE OR A	 Approved eq	 - UAL (ADD AL	_T SCOPE)	
		ECO-ID	HUNTER DRIP SYSTEM INDICAT		<u>. </u>	<u> </u>	
	•	100P SERIES	IRRITROL REMOTE CONTROL V	<u>.</u>	.		
	5	DZK-700-MF	TORO REMOTE CONTROL VA		RESSURE REG	GULATOR (40	
	→	33 DNP LGT-XX-SS	RAIN BIRD QUICK COUPLING LEEMCO STAINLESS STEEL GA		E SIZE)-2" AN	ND SMALLER	
	(A)	EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII	N SENSOR M	OUNTED ON THE	
		EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAI	n sensor m	OUNTED ON THE 🛪)))
		EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII LUDES I-CARD	N SENSOR M AND FIVE YE	OUNTED ON THE ARS RAIN MASTER)))
VALK	(D)	EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	TATION CONT WIRELESS RAII	ROLLER IN A N SENSOR M	PEDESTAL OUNTED ON THE	,
	Œ	EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII	N SENSOR M	OUNTED ON THE	
	F	EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII	N SENSOR M	OUNTED ON THE	
	(G)	EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII	N SENSOR M	OUNTED ON THE	
LVE	H	EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII	N SENSOR M	OUNTED ON THE	
RE	J	EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII	N SENSOR M	OUNTED ON THE	
	⟨K⟩	SLM4	REUSE EXISTING WEATHERMA WEATHERMATICMATIC SMART SENSOR AND MASTER VALVE	LINE 4 STATIO	N MODULE.	WIRE FLOW	
		EGP-8-i-SPED/ RSE-1000	RAIN MASTER EAGLE PLUS 8 S MOUNTED ENCLOSURE WITH SIDE OF THE ENCLOSURE. INC I-CENTRAL SERVICE.	WIRELESS RAII	N SENSOR M	OUNTED ON THE	
	$\langle M \rangle$	SLM4	REUSE EXISTING WEATHERMA WEATHERMATICMATIC SMART SENSOR AND MASTER VALVE	LINE 4 STATIO	N MODULE.	WIRE FLOW	
ON GRID AS SCH	<u>(0)</u>	SLM4	REUSE EXISTING WEATHERMA WEATHERMATICMATIC SMART SENSOR AND MASTER VALVE	TLINE 4 STATIO TO EXISTING (N MODULE.	WIRE FLOW	
)	\bowtie	WLT-1000-S	NDS 1" PVC BALL VALVE (SxS	•			
ALL	П		5" OF PVC PIPE BEYOND BAL 10" ROUND BOX.	L VALVE WITH	SCH 40 PVC	CAP. LOCATE IN	
	MV	3300-1.5"	SUPERIOR MASTER VALVE-1.5	5" (NORMALLY	OPEN)		
	FS	QS200-1 <i>5</i>	FLOMEC 1.5" FLOW SENSOR	(0.55-82 GPA	۸)		
		SLFSI-T10	WEATHERMATIC FLOW SENS	OR			
	M		EXISTING WATER METER				
)NE	~		=://a=n a == : == = : :				i

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DESCRIPTION

OPERATING OPERATING

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IRRIGATION LEGEND

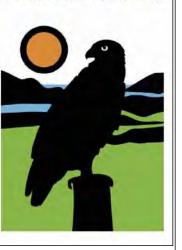
MODEL NUMBER

SYMBOL

FRANCIS
FRANCIS
DRAKE
BOULEVARD
LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:

MARIN COUNTY
PARKS
PRESERVATION-RECREATION



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3/10/23

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Date Description

5/19/23 Addendum #1



SHEET TITLE:

LANDSCAPE
IRRIGATION LEGEND

& NOTES

SHEET NUMBER:

LI-001

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.

-/PBB-30

975XL-1"/PBB-30

EXISTING REMOTE CONTROL VALVE

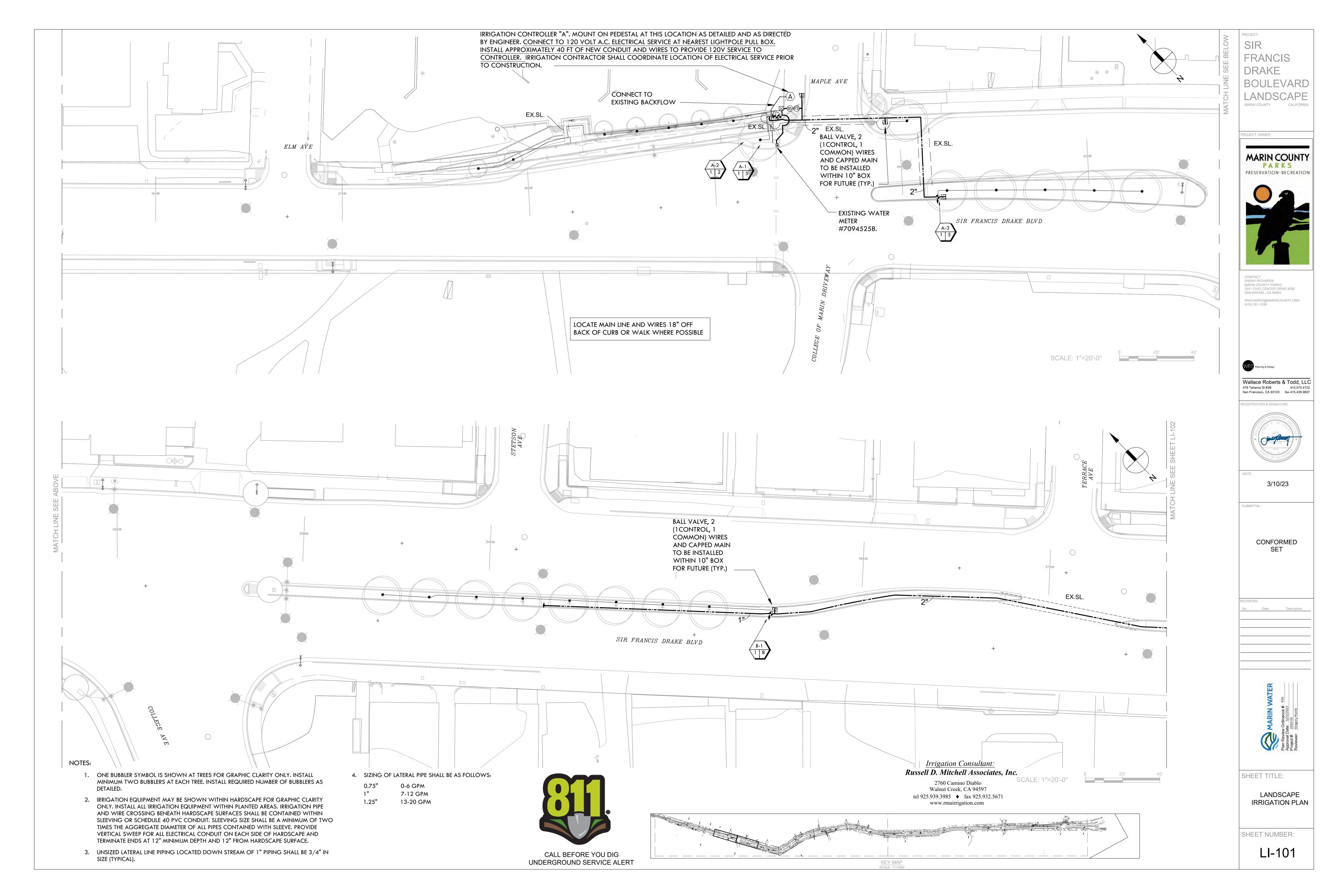
EXISTING REDUCED PRESSURE BACKFLOW ASSEMBLY. REPLACE GREEN

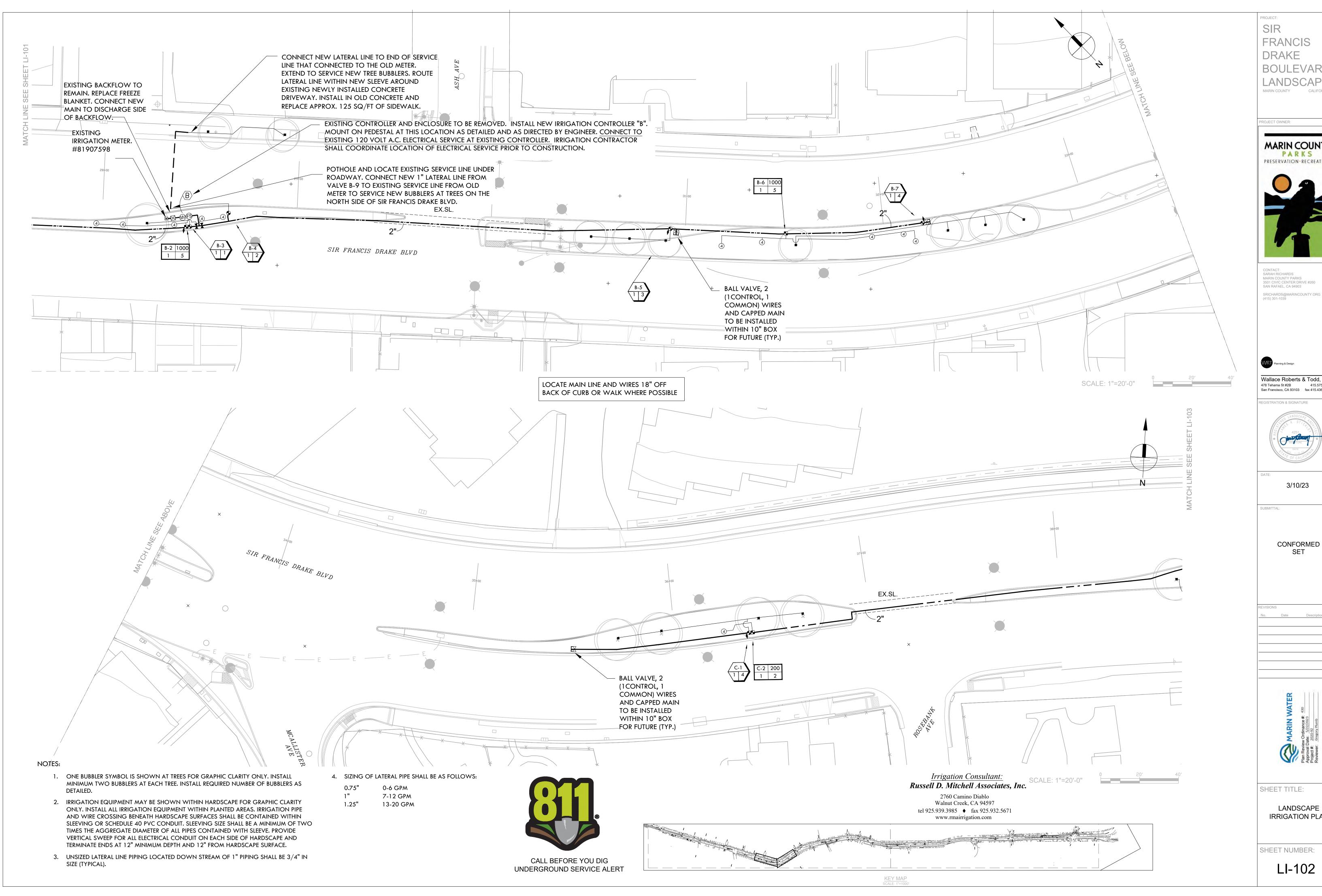
WILKENS REDUCED PRESSURE BACKFLOW ASSEMBLY WITH GREEN FREEZE

FREEZE BLANKET WITH VIT PRODUCTS POLAR BEARIER

BLANKET WITH VIT PRODUCTS POLAR BEARIER

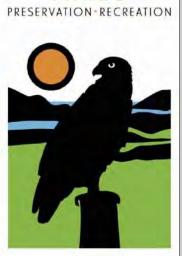
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Walnut Creek, CA 94597
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www.rmairrigation.com





BOULEVARD MARIN COUNTY CALIFORNIA

MARIN COUNTY PARKS



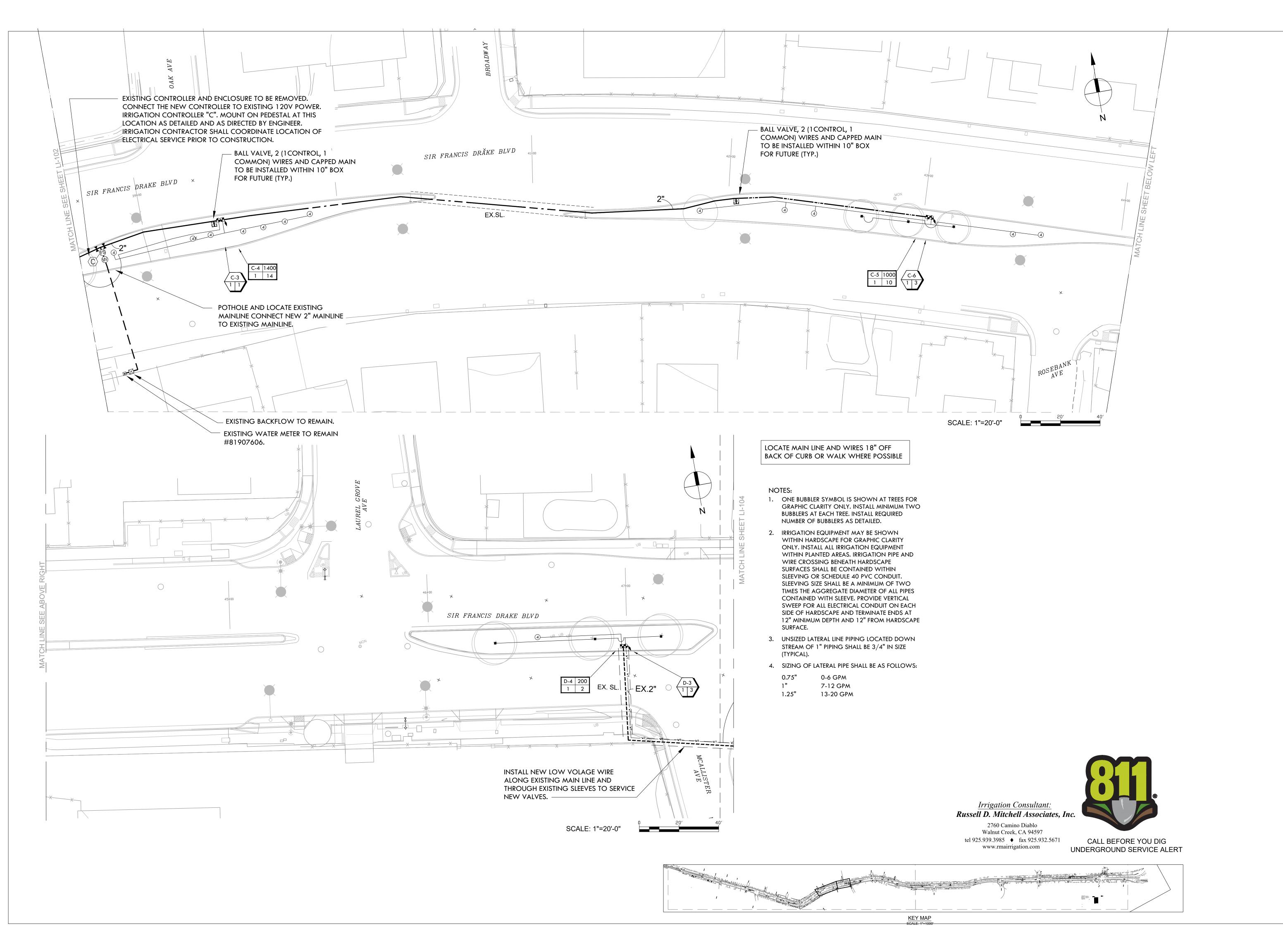
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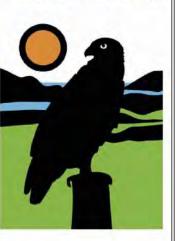


LANDSCAPE IRRIGATION PLAN



PROJECT OWNER:

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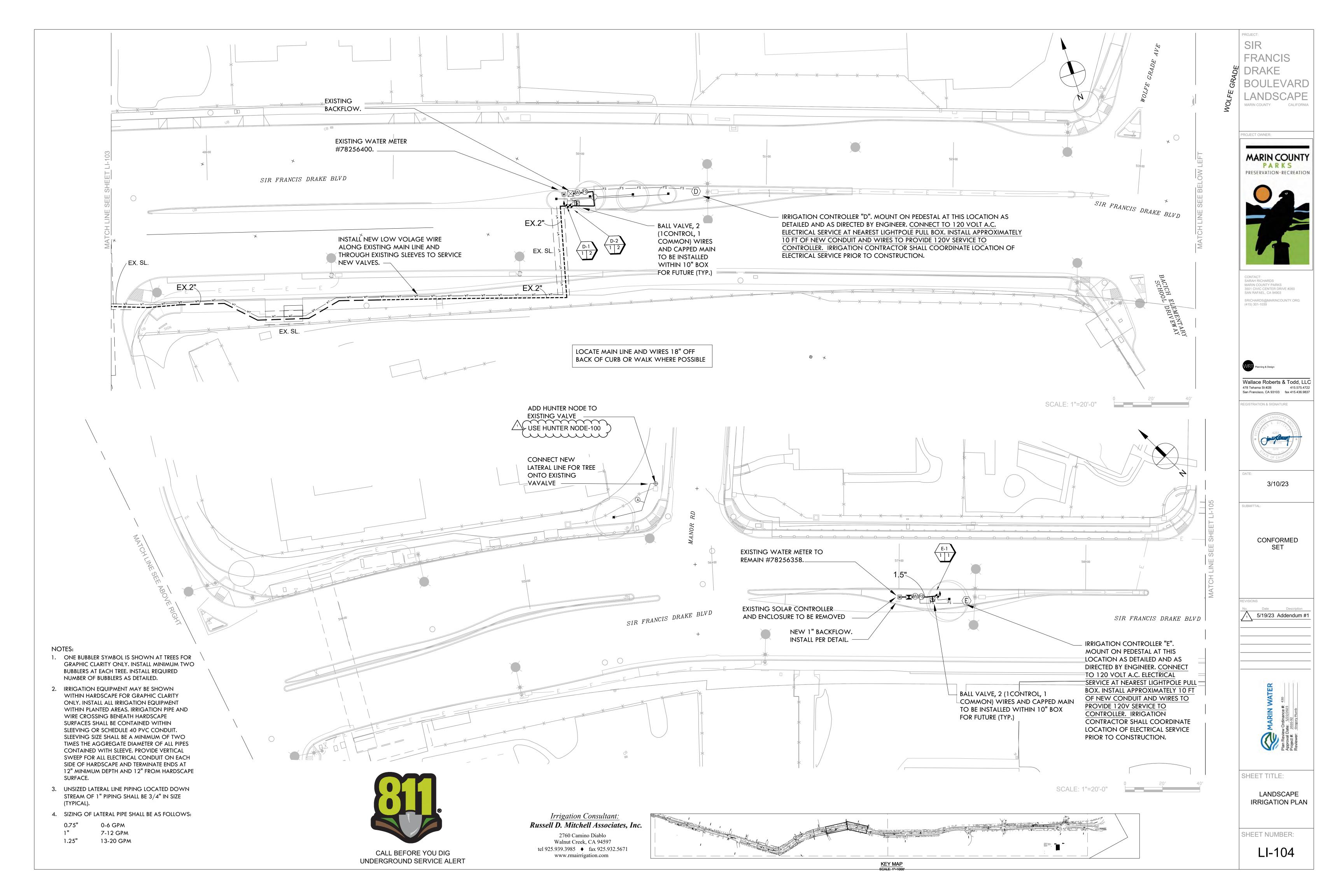
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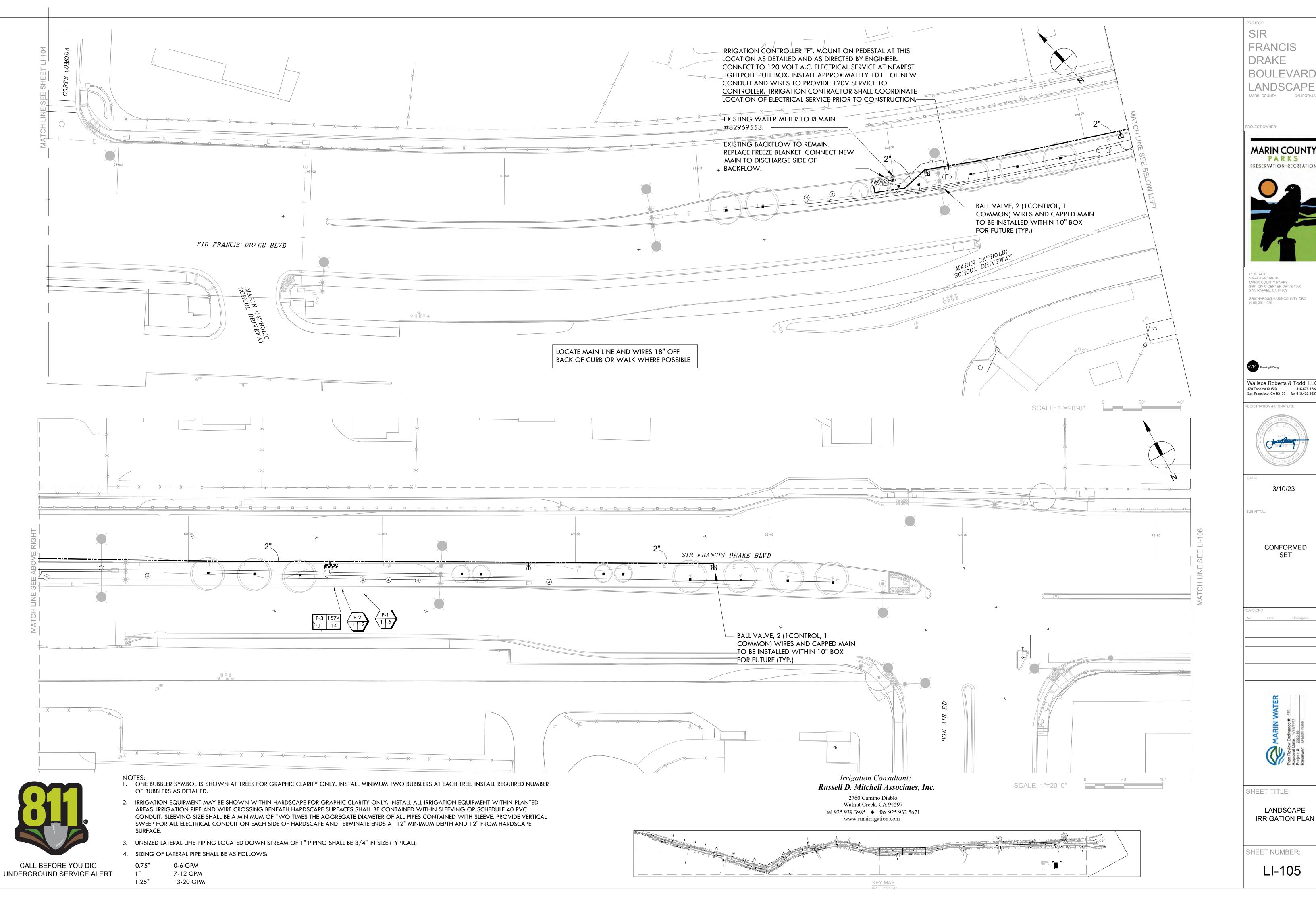


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LANDSCAPE IRRIGATION PLAN

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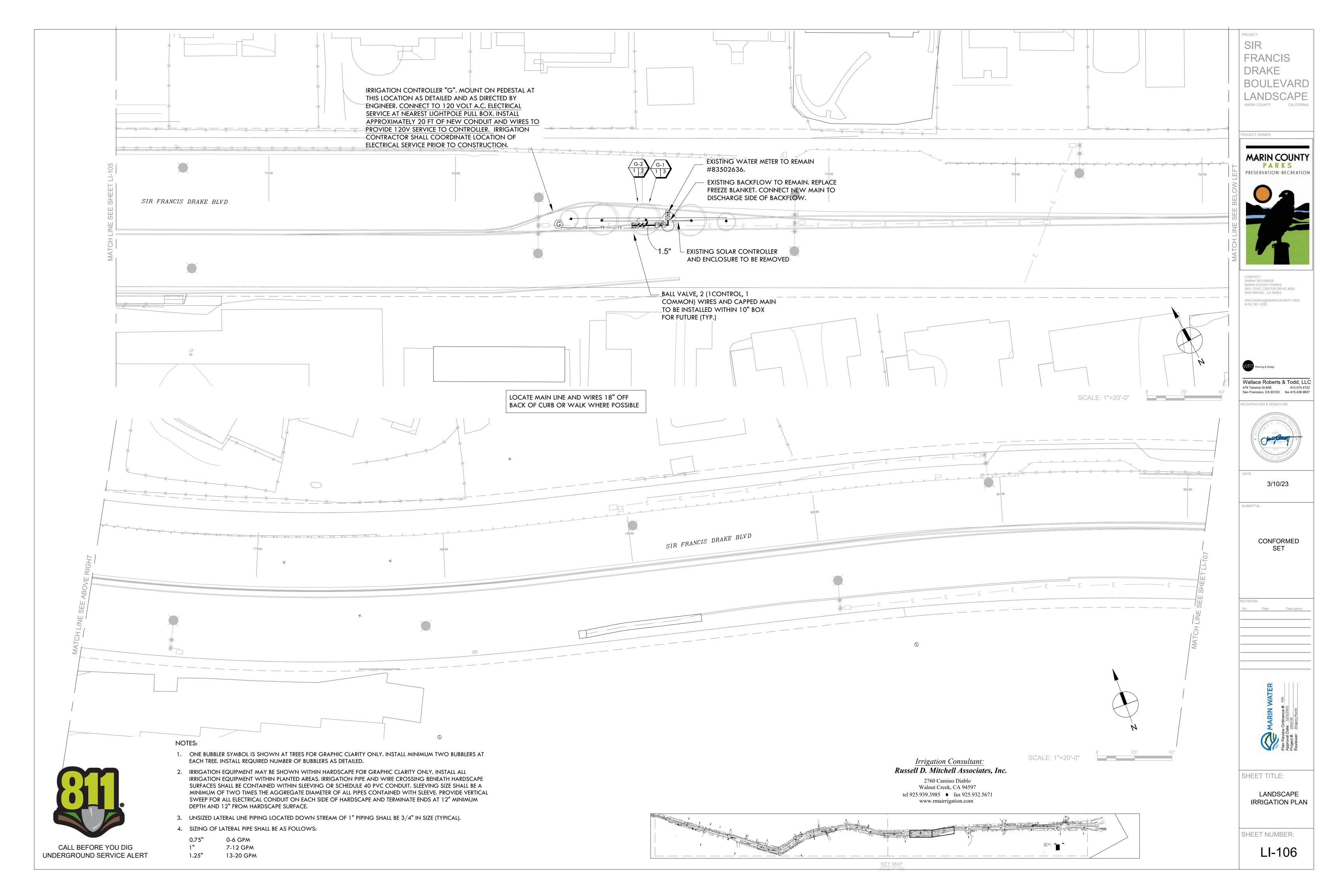
BOULEVARD MARIN COUNTY CALIFORNIA

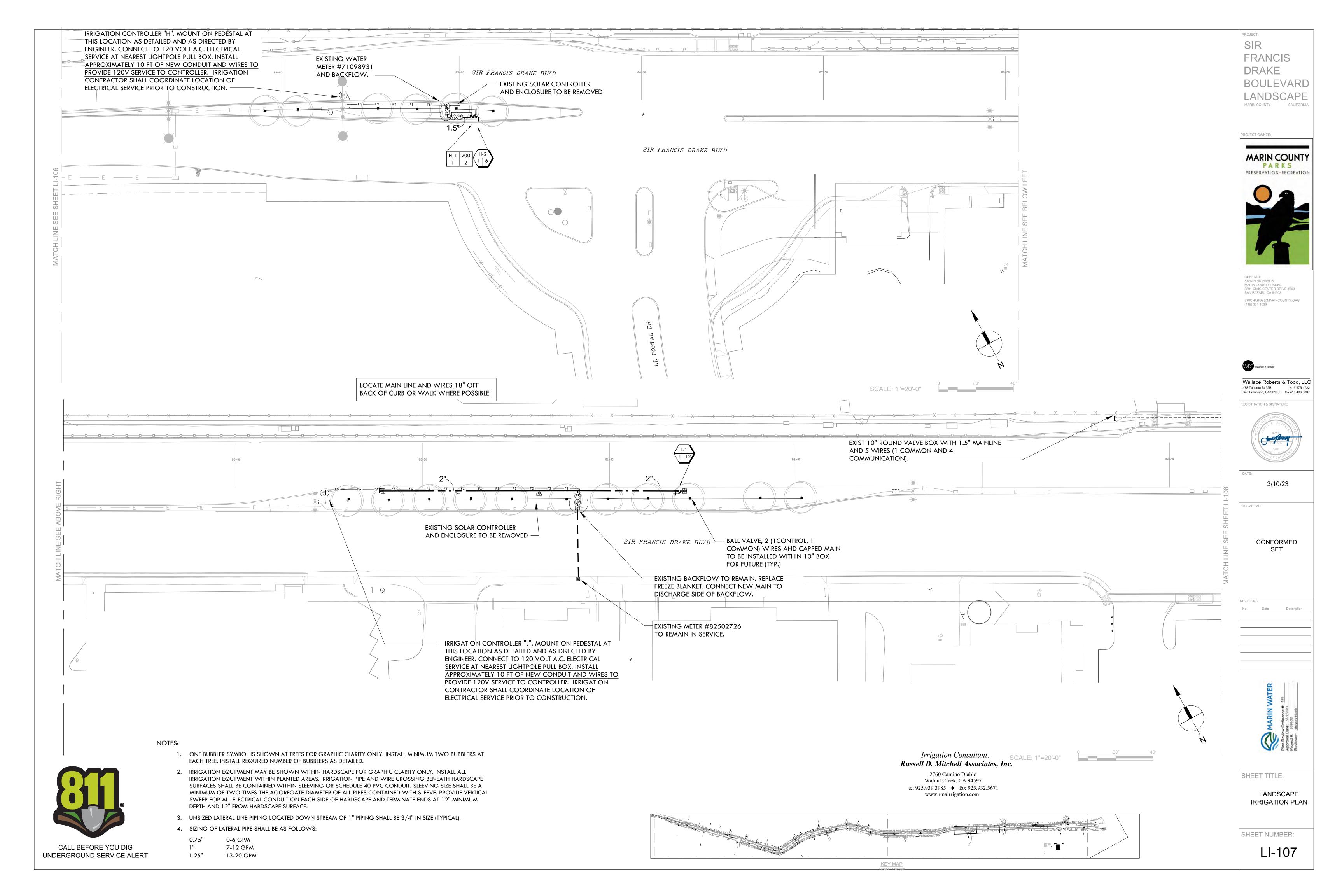
PRESERVATION RECREATION

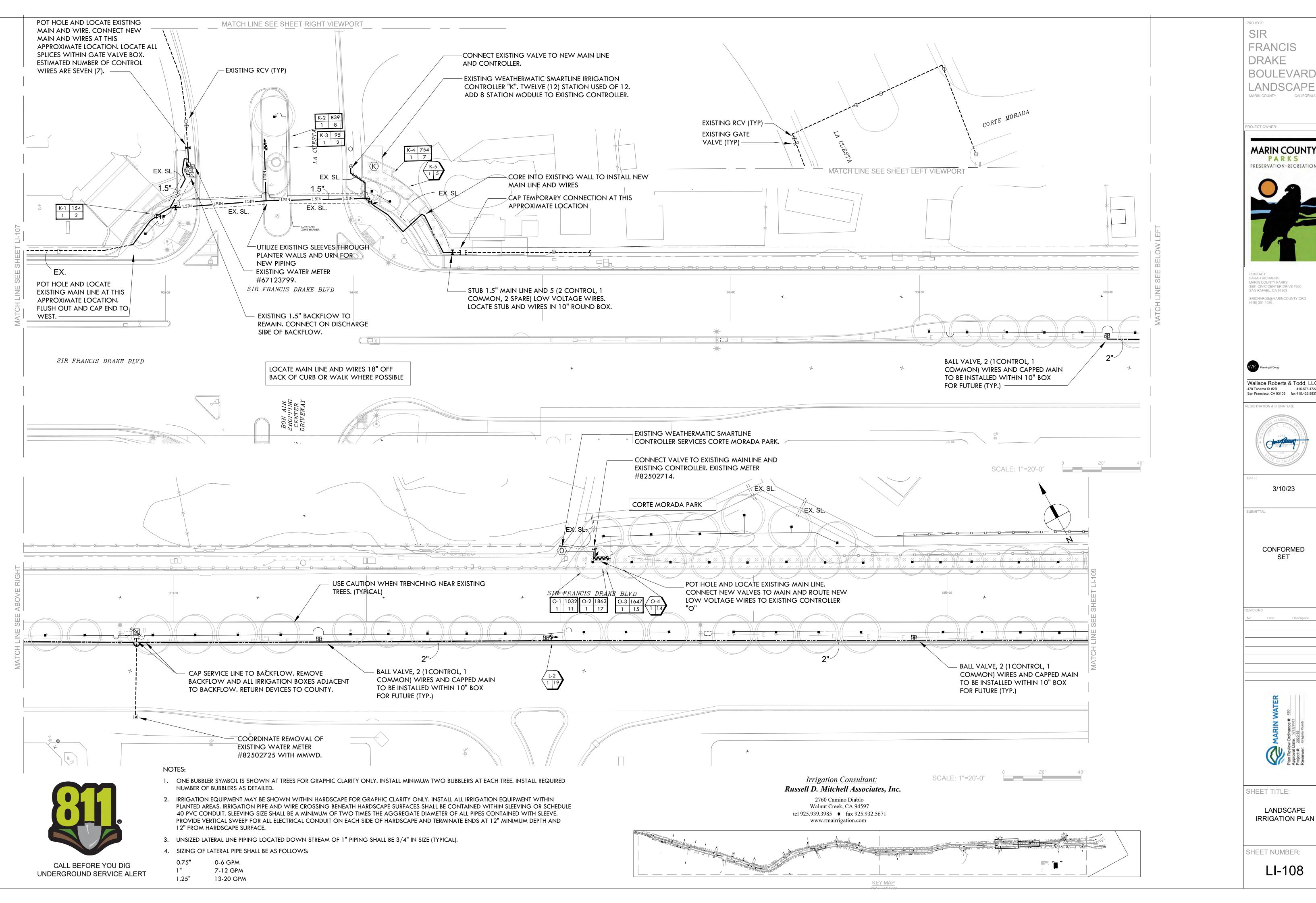
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BOULEVARD LANDSCAPE MARIN COUNTY CALIFORNIA

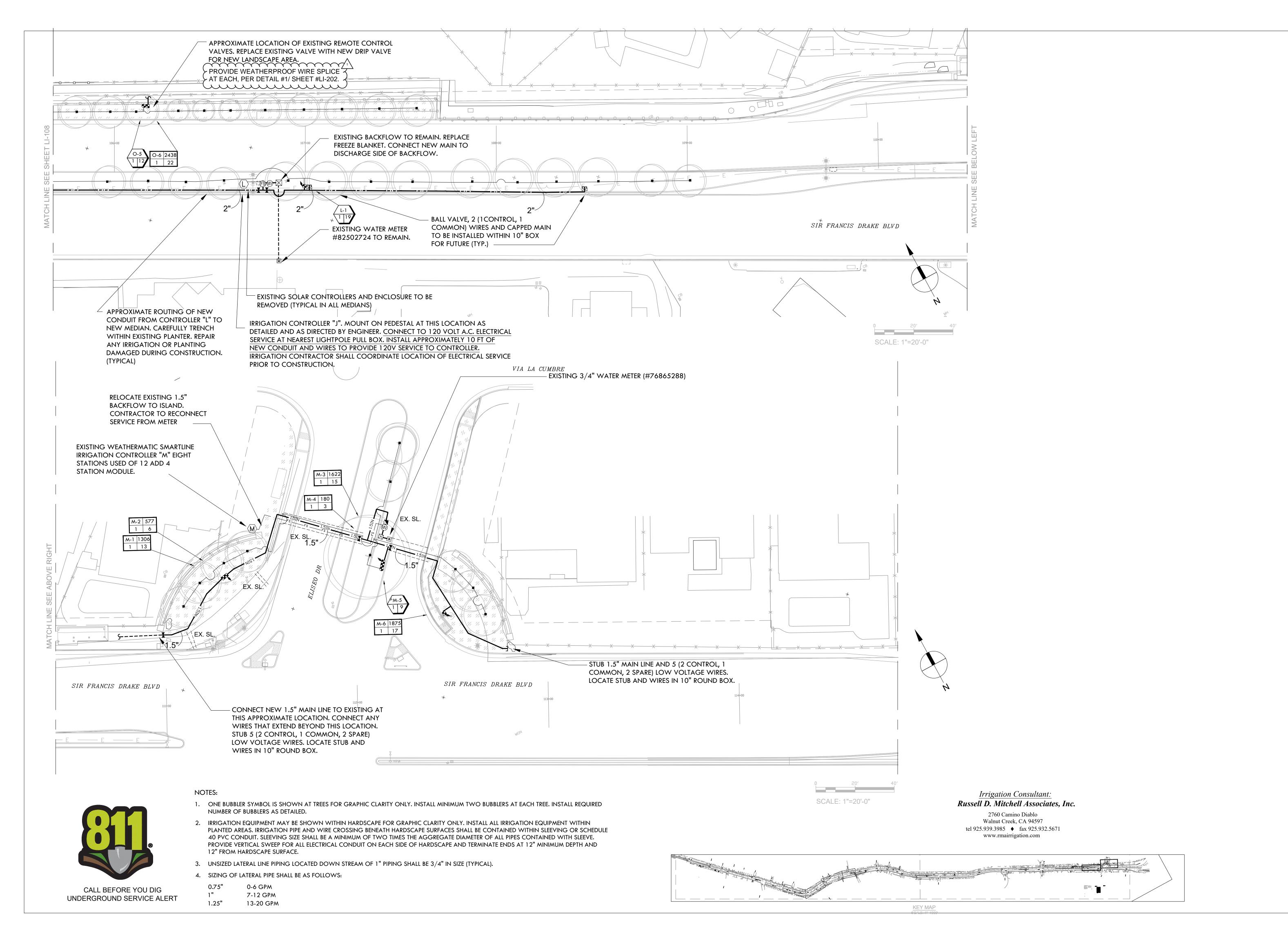
PRESERVATION RECREATION



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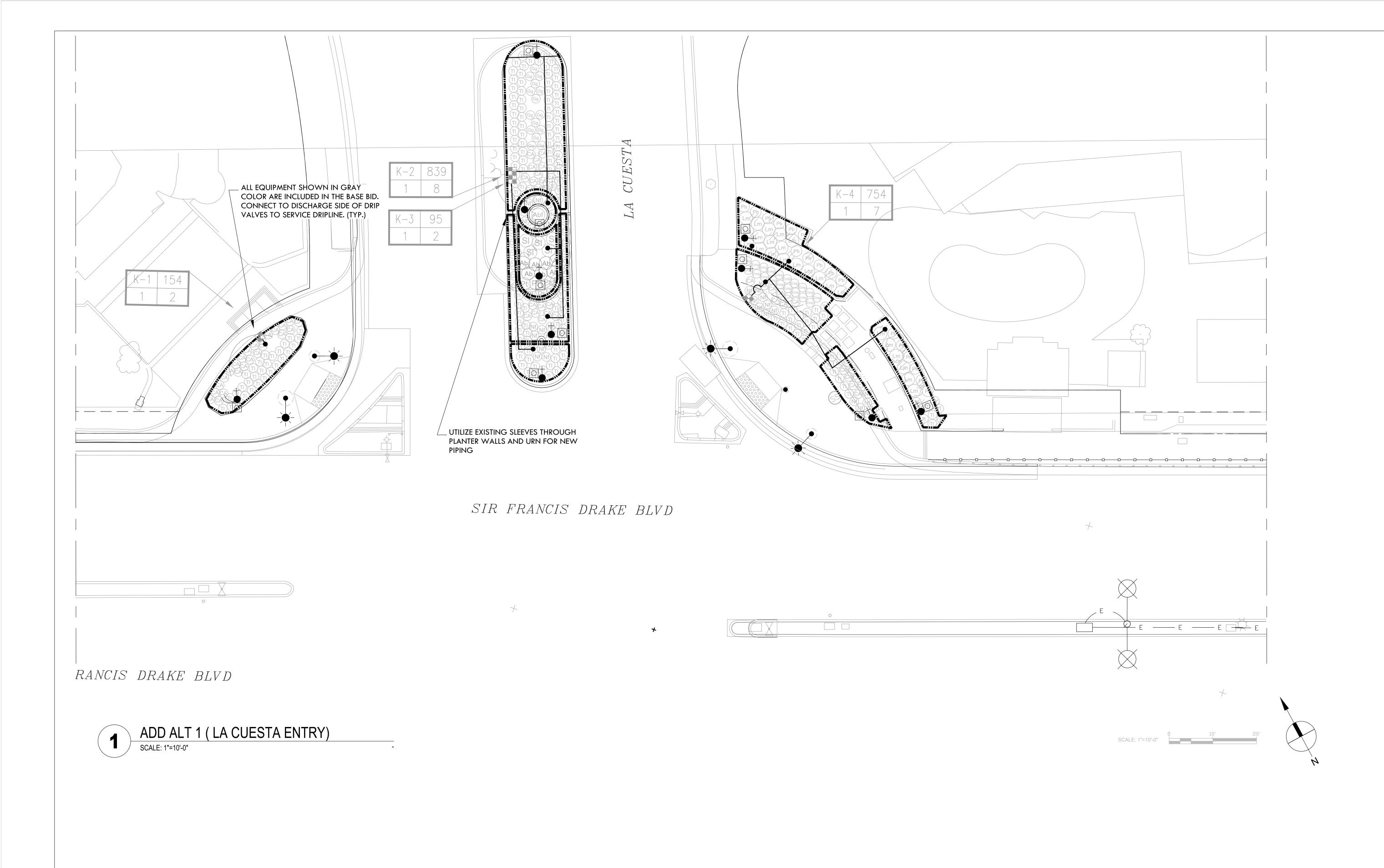
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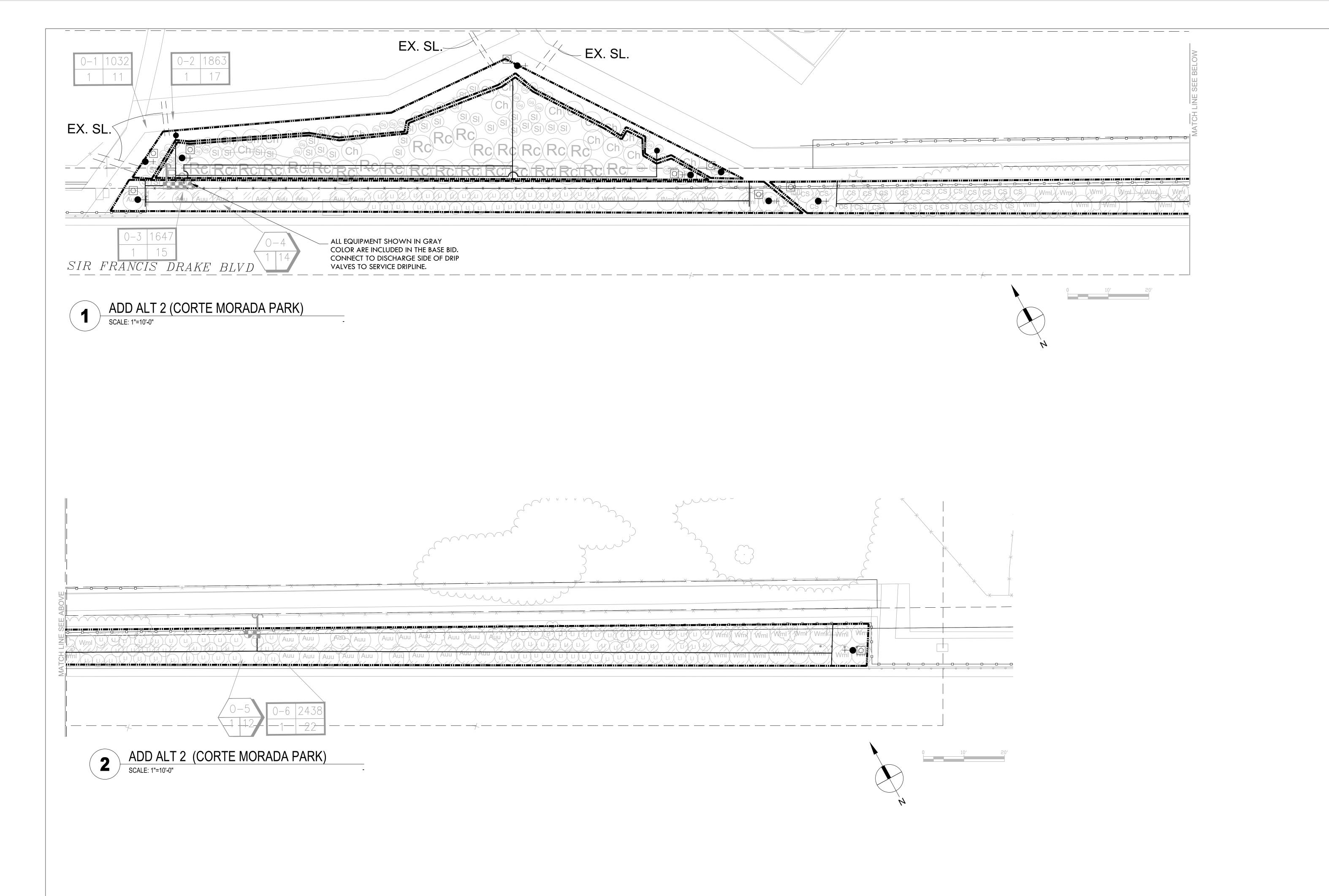
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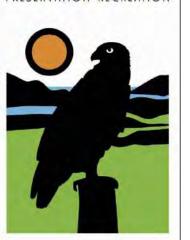
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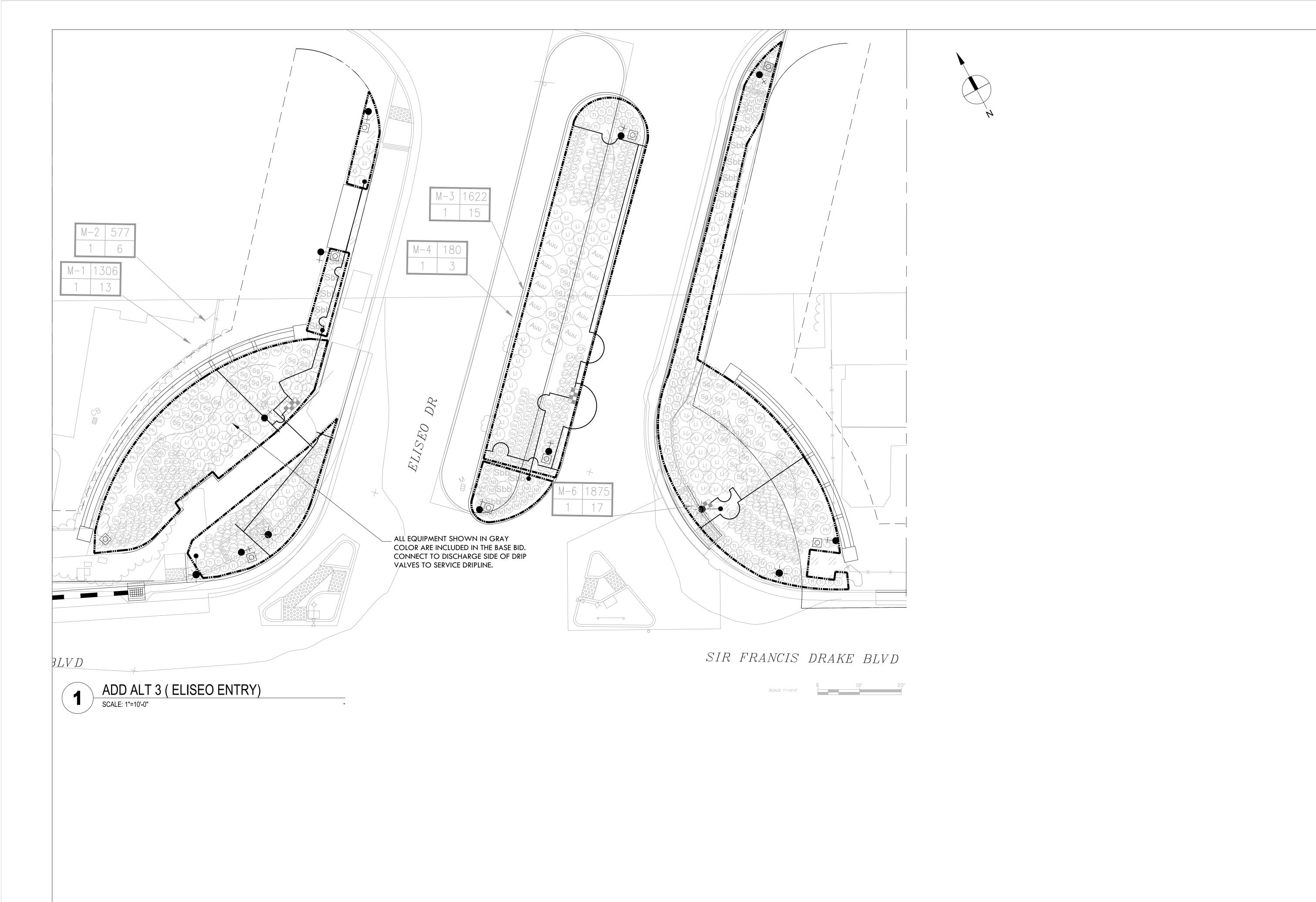
No. Date Description

MARIN WATER
eview Ordinance #: 430
al Date: 5/22/2023
#: 2020-92
er: Gregory Plumb

SHEET TITLE:

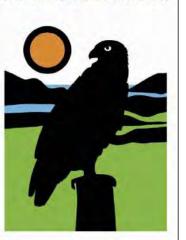
ADD ALT 2 (CORTE MORADA PARK)

SHEET NUMBER:



ROJECT OWN

MARIN COUNTY
PARKS
PRESERVATION RECREATION



CONTACT:
SARAH RICHARDS
MARIN COUNTY PARKS
3501 CIVIC CENTER DRIVE #260
SAN RAFAEL, CA 94903

SRICHARDS@MARINCOUNTY.ORG
(415) 301-1039

VRT Planning & Desig



3/10/23

CONFORMED SET

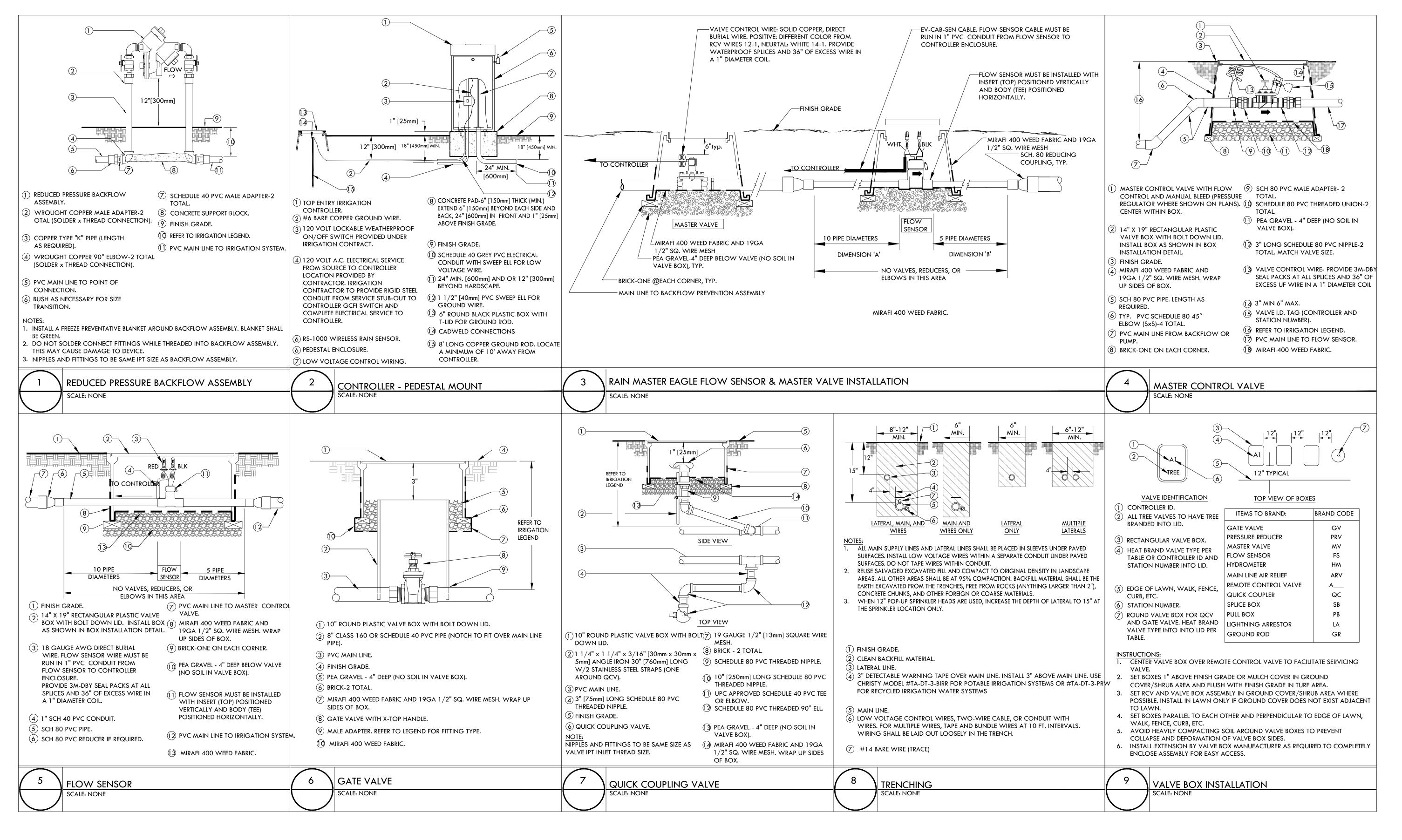
REVISIONS

MARIN WATER
an Review Ordinance #: 430
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eviewer: Gregory Plumb

SHEET TITLE:

ADD ALT 3 (ELISEO ENTRY)

SHEET NUMBER:



PROJECT OWNER:

MARIN COUNTY
PARKS
PRESERVATION-RECREATION



CONTACT:
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SAN RAFAEL, CA 94903

SRICHARDS@MARINCOUNTY.ORG
(415) 301-1039

WRT Planning & Design

Wallace Roberts & Todd, LLC 478 Tehama St #2B 415.575.4722 San Francisco, CA 93103 fax 415.436.9837



3/10/23

SUBMITTAL:

CONFORMED SET

Date Description

I WATER

MARIN WAT
Plan Review Ordinance #: 430
Approval Date: 5/22/2023
Project #: 2020-92
Reviewer: Gregory Plumb

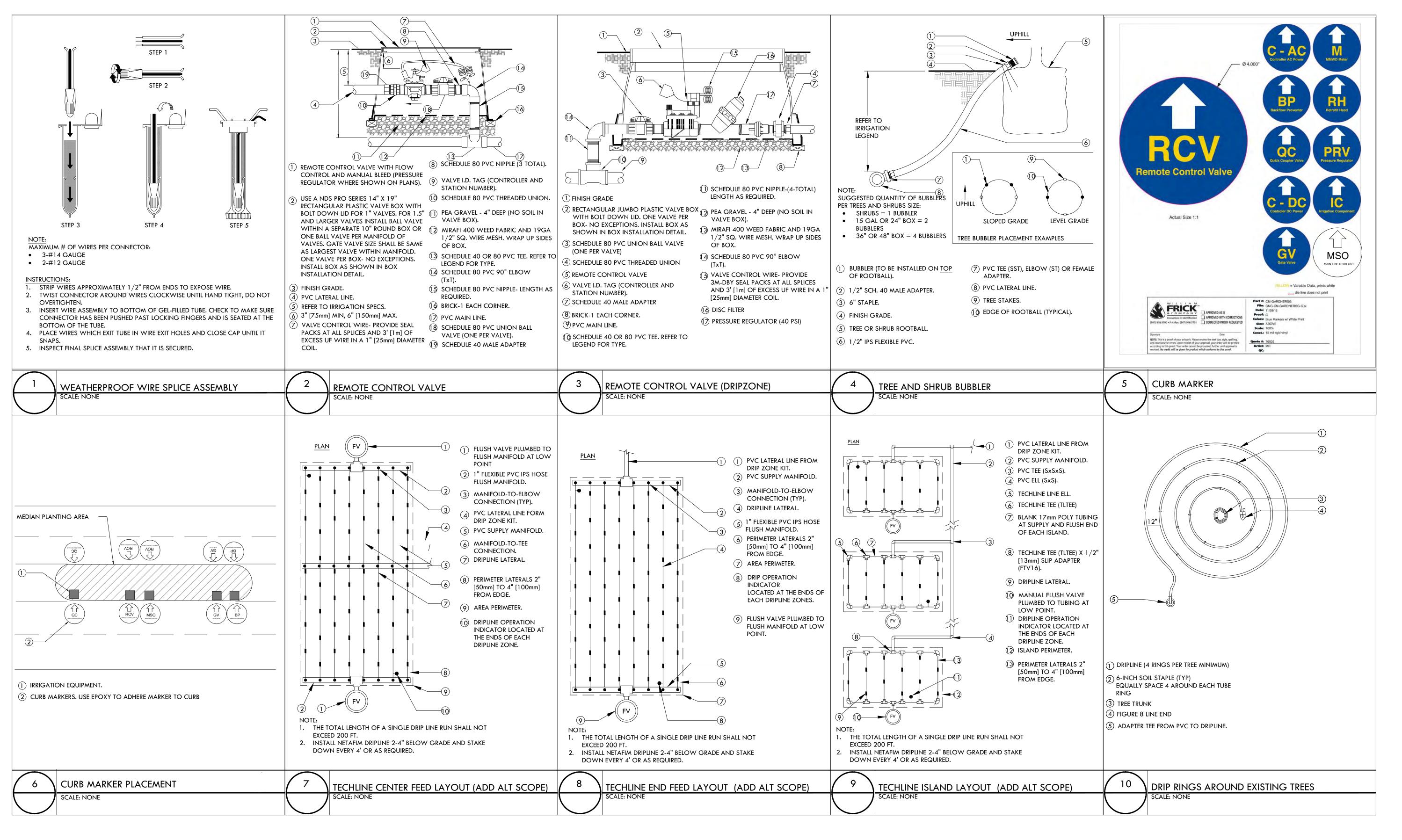
SHEET TITLE:

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.

2760 Camino Diablo Walnut Creek, CA 94597

tel 925.939.3985 ♦ fax 925.932.5671 www.rmairrigation.com LANDSCAPE IRRIGATION DETAILS

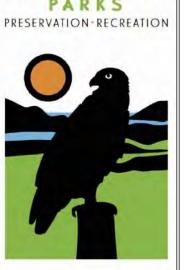
SHEET NUMBER:



PROJECT: SIR **FRANCIS** DRAKE BOULEVARD MARIN COUNTY CALIFORNIA

ROJECT OWNER:

MARIN COUNTY PARKS



SARAH RICHARDS MARIN COUNTY PARKS 3501 CIVIC CENTER DRIVE #260 SAN RAFAEL, CA 94903 (415) 301-1039

Wallace Roberts & Todd, LLC 478 Tehama St #2B San Francisco, CA 93103 fax 415.436.9837



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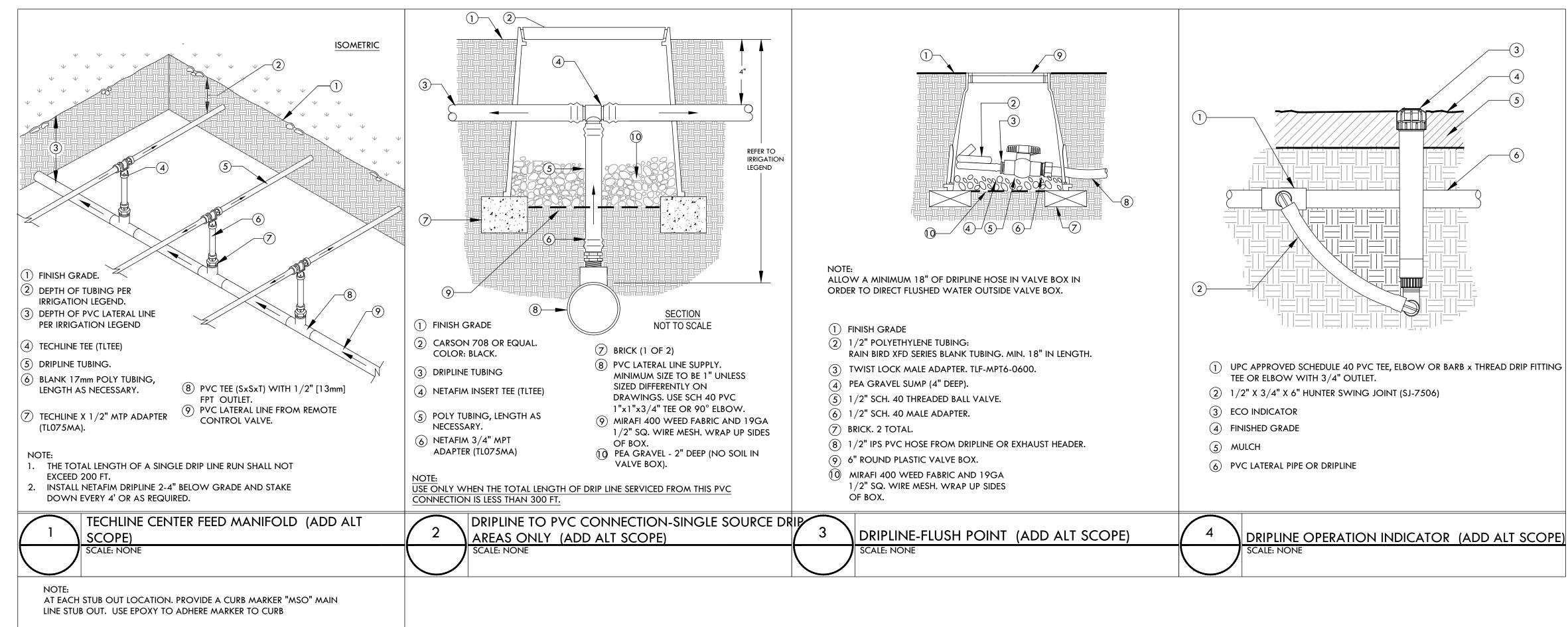
Irrigation Consultant: Russell D. Mitchell Associates, Inc.

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www.rmairrigation.com

LANDSCAPE **IRRIGATION DETAILS**

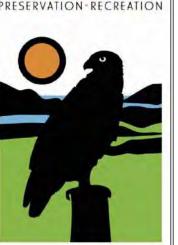
SHEET NUMBER:



FRANCIS DRAKE BOULEVARD MARIN COUNTY CALIFORNIA

ROJECT OWNER:

MARIN COUNTY PARKS PRESERVATION RECREATION



SARAH RICHARDS MARIN COUNTY PARKS 3501 CIVIC CENTER DRIVE #260 SAN RAFAEL, CA 94903 SRICHARDS@MARINCOUNTY.ORG (415) 301-1039



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3/10/23

CONFORMED SET

SHEET TITLE:

LANDSCAPE IRRIGATION DETAILS

SHEET NUMBER:

LI-203

Irrigation Consultant: Russell D. Mitchell Associates, Inc. 2760 Camino Diablo

Walnut Creek, CA 94597

www.rmairrigation.com

(1) FINISH GRADE 2 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.

3 SCH 40 PVC BALL VALVE (SxS) (4) MIN 3" OF SCH PVC PIPE AFTER BALL

VALVE AND 1" SCH 40 PVC CAP

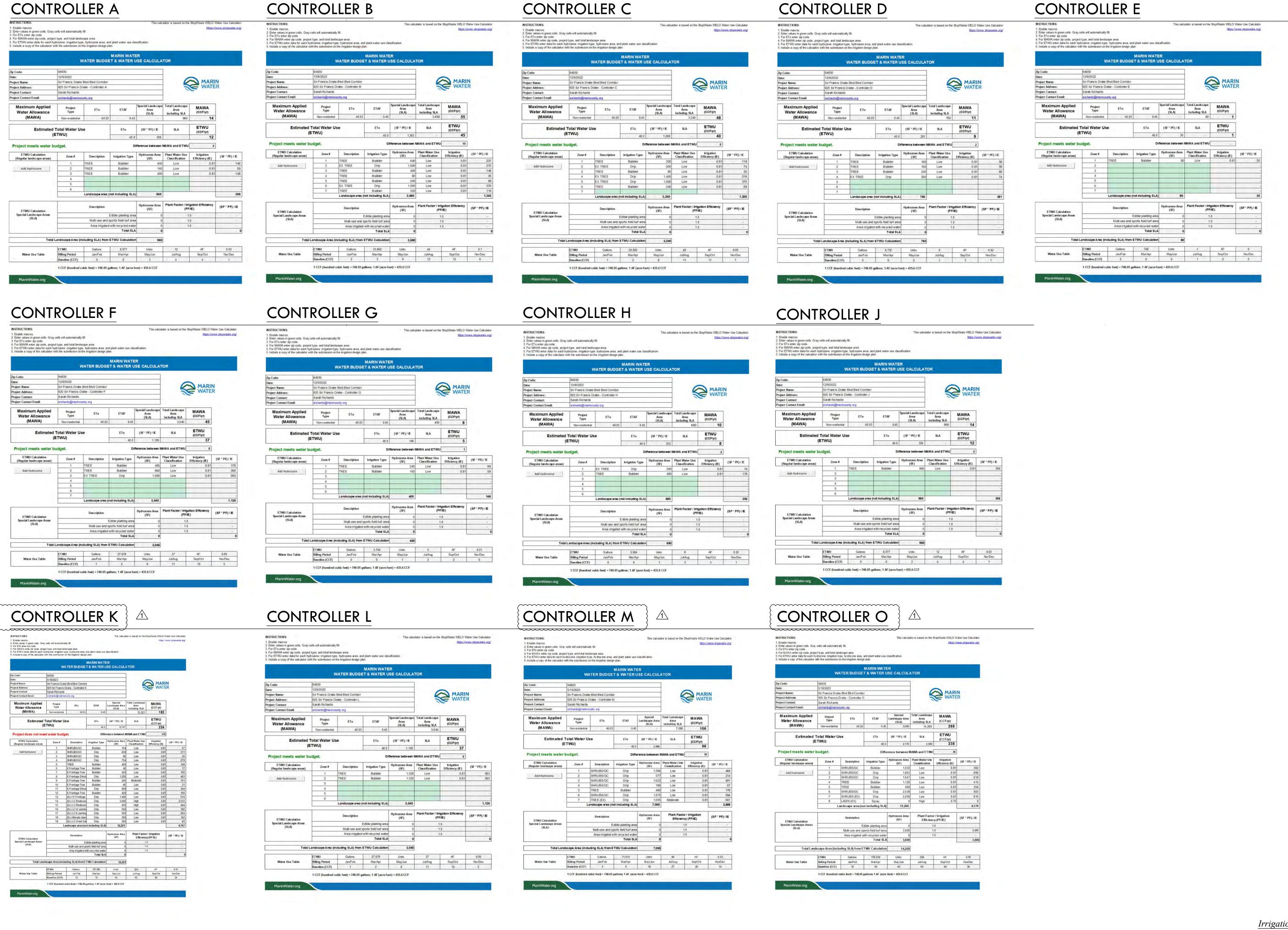
(5) 4 (1 CONTROL, 1 COMMON, 2 EXTRA) CONTROL WIRES STUBBED INTO BOX

6 BRICK - 2 TOTAL.

MIRAFI 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX. (8) PEA GRAVEL - 2" DEEP (NO SOIL IN VALVE BOX).

MAIN LINE STUB OUT WITH BALL VALVE &

SCALE: NONE



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tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com

SIR
FRANCIS
DRAKE
BOULEVARD
LANDSCAPE
MARIN COUNTY CALIFORNIA

DJECT OWNER:

MARIN COUNTY
PARKS
PRESERVATION · RECREATION

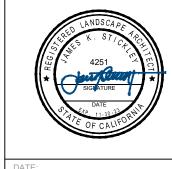
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REGISTRATION & SIGNATURE



3/10/23

BMITTAL:

CONFORMED SET

REVISIONS

No. Date Description

5/19/23 Document

Existing Landscape Areas

MARIN WATER
Plan Review Ordinance #: 430
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SHEET TITLE:

LANDSCAPE IRRIGATION WATER CALCULATIONS

SHEET NUMBER: