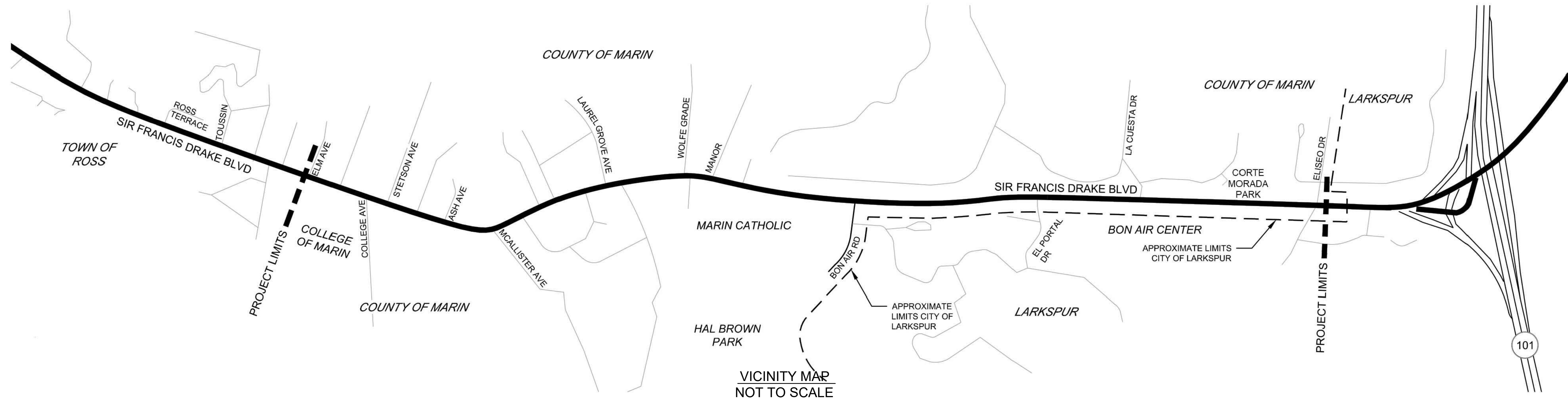


SIR FRANCIS DRAKE BOULEVARD LANDSCAPE PROJECT

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),
 Cortes 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-108 - 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

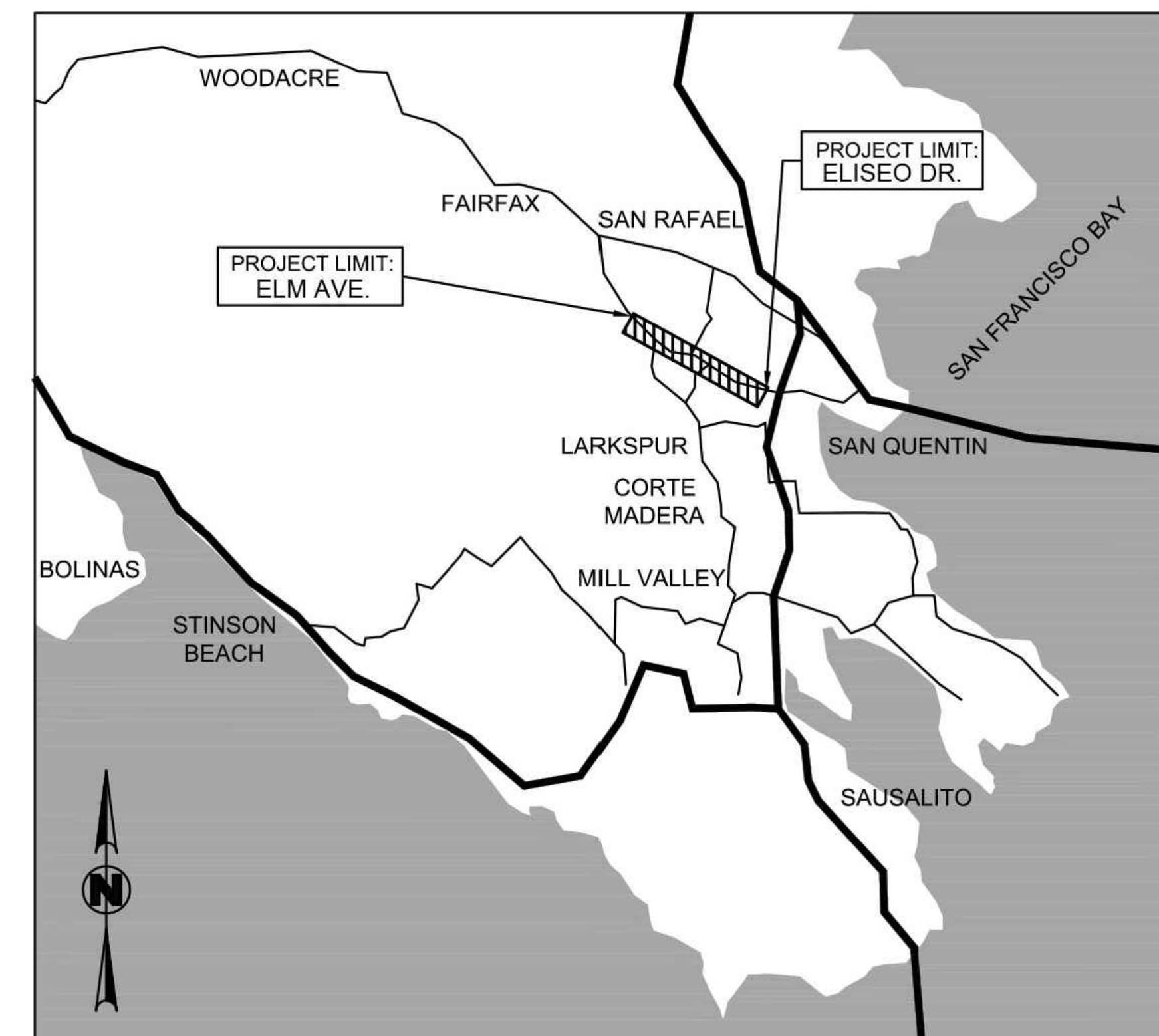
L-210 - ADD ALT 1 (LA CUESTA ENTRY)
 L-211 - ADD ALT 2 (CORTE MORADA PARK)
 L-212 - ADD ALT 3 (ELISEO ENTRY)

LANDSCAPE DETAILS:

L-301 - LANDSCAPE PLANTING DETAILS

IRRIGATION

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

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



CONTACT:
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REGISTRATION & SIGNATURE



DATE:
 3/10/2023

SUBMITTAL:

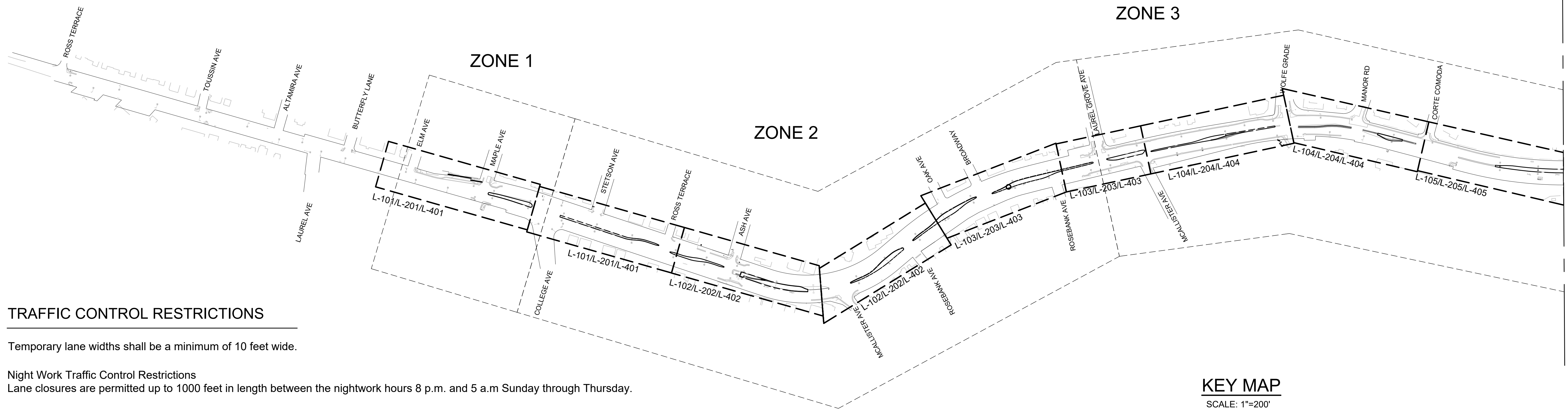
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REVISIONS

No.	Date	Description

SHEET TITLE:
 COVER SHEET

SHEET NUMBER:
L-000



TRAFFIC CONTROL RESTRICTIONS

Temporary lane widths shall be a minimum of 10 feet wide.

Night Work Traffic Control Restrictions

Lane closures are permitted up to 1000 feet in length between the nightwork hours 8 p.m. and 5 a.m Sunday through Thursday.

Day Work Traffic Control Restrictions

The following lane closure restrictions apply for daywork hours between the hours of 7 a.m. to 6 p.m. Monday through Friday and 9 a.m. to 5 p.m. Saturday:

No lane closures resulting in alternating one-way traffic is permitted on Sir Francis Drake Blvd. At a minimum, a single lane must be open in each direction.

Lane closures are subject to the approval of Engineer. There may not be more than one lane closure approved for each direction (Eastbound & Westbound) concurrently per shift. Example: Two separate closures in the Eastbound direction will not be permitted concurrently during one shift.

ZONE 1: ELM AVE TO COLLEGE AVE

A single lane of traffic must always be open in each direction. Through lanes may be temporarily shifted as necessary.

ZONE 2: COLLEGE AVE TO WOLFE GRADE

Temporary lane closures are permitted on weekdays between 10 a.m. and 3 p.m for a maximum length of 500 feet.

ZONE 3: WOLFE GRADE TO BON AIR ROAD

Temporary lane closures are permitted on weekdays between 10 a.m. and 3 p.m for a maximum length of 500 feet.

ZONE 4: BON AIR ROAD TO EL PORTAL DRIVE

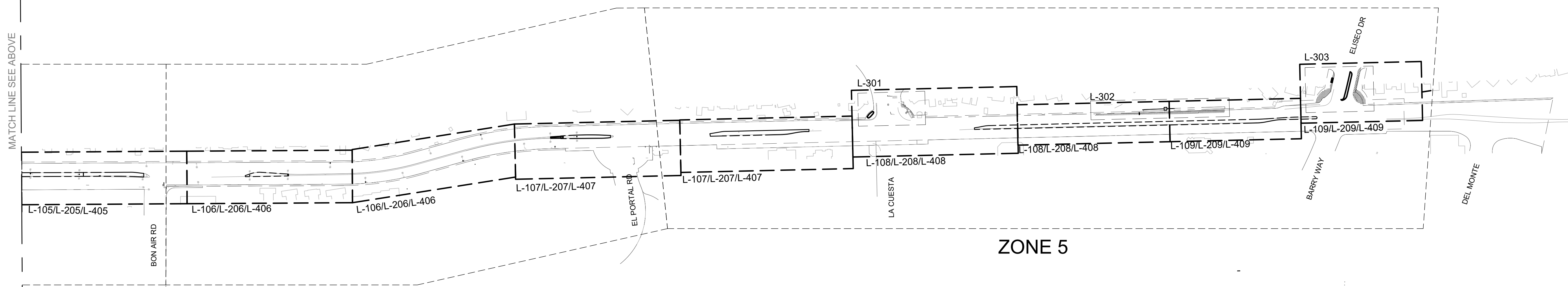
Temporary lane closures are permitted on weekdays between 10 a.m. and 3 p.m for a maximum length of 500 feet.

ZONE 5: EL PORTAL DRIVE TO HIGHWAY 101

There are no restrictions on closures to the Eastbound #1 lane when Eastbound #2 and #3 lanes are open. No temporary lane closures are permitted in the Westbound lanes during daylight working hours of 10 a.m. to 3 p.m. Monday through Friday and 9 a.m. to 5 p.m. Saturday. The Westbound #1 lane may be temporarily narrowed (2) feet by placing cones or traffic barriers along the median curb.

KEY MAP

SCALE: 1"=200'



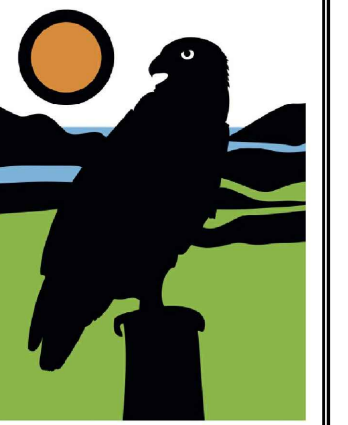
KEY MAP

SCALE: 1"=200'

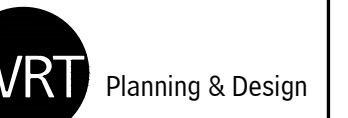


PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

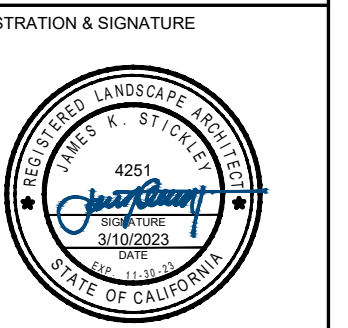
PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



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DATE:
3/10/2023

SUBMITTAL:
DRAFT

REVISIONS

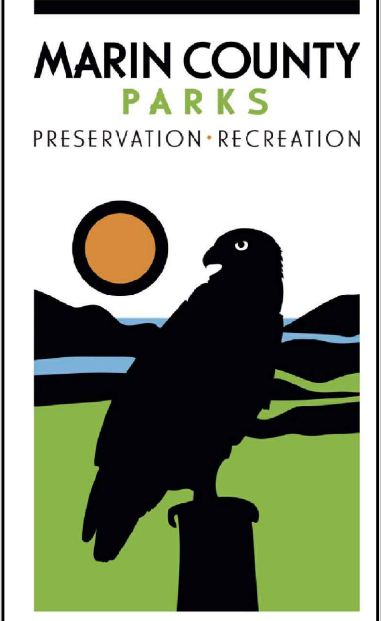
No.	Date	Description

SHEET TITLE:
KEY PLAN AND CONSTRAINTS PLAN

SHEET NUMBER:
L-001

MATCHLINE SEE BELOW

MATCHLINE SEE ABOVE



CONTACT:
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REGISTRATION & SIGNATURE



DATE:
 3/10/2023

SUBMITTAL:

DRAFT

REVISIONS

No.	Date	Description

SHEET TITLE:

SOIL NOTES AND LEGEND

SHEET NUMBER:

L-100

SOIL PLAN LEGEND		
SYMBOL	DESCRIPTION	
	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 SPECS	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
D	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

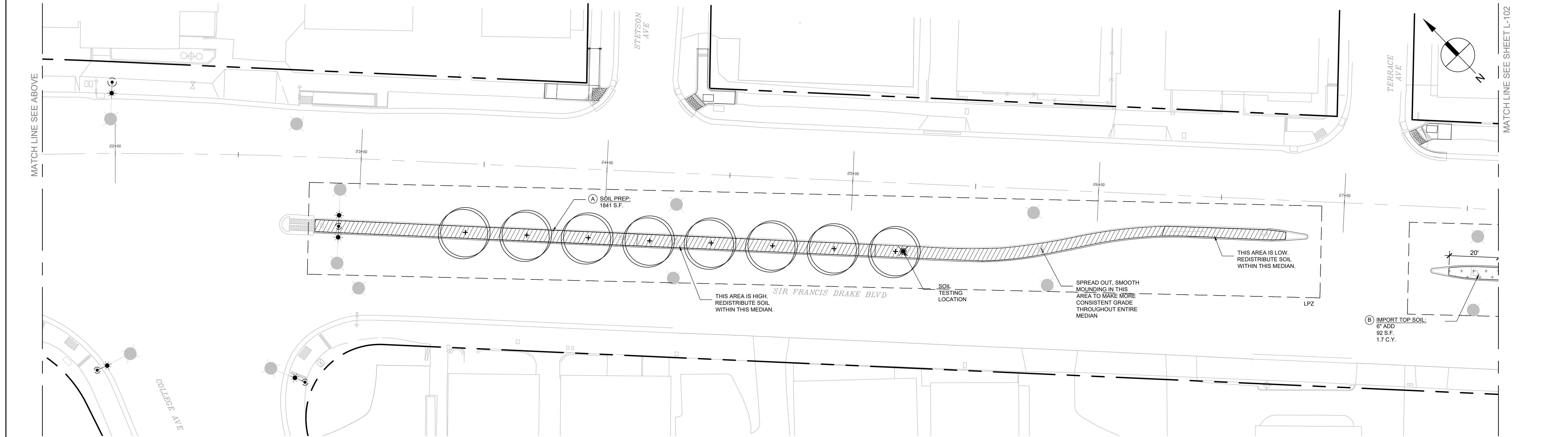
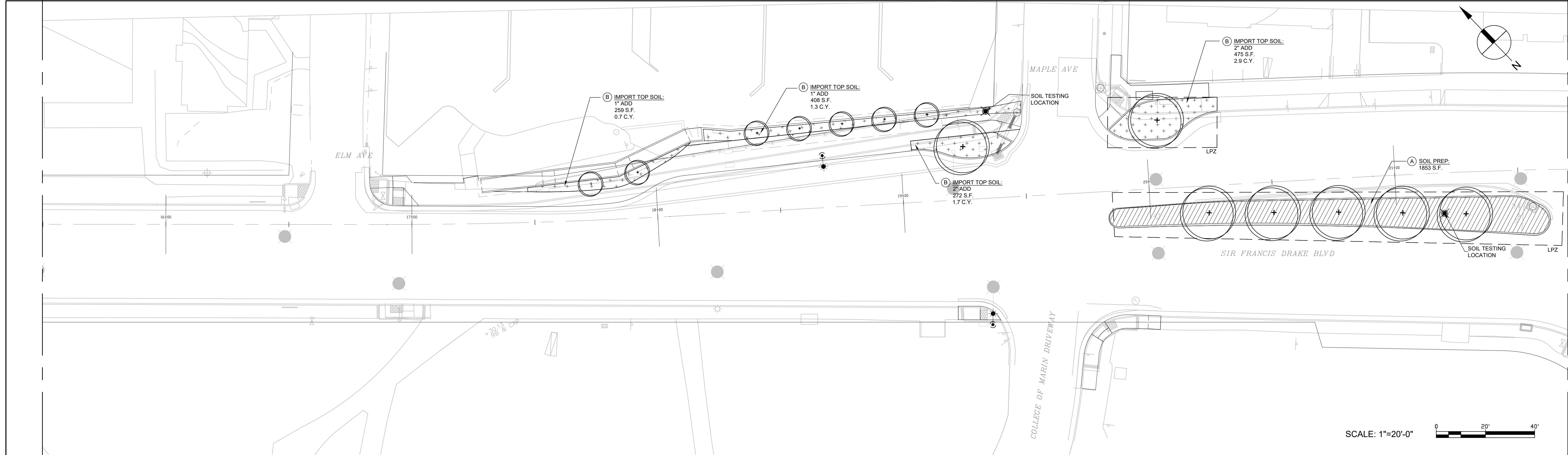
SOIL PLACEMENT NOTES

- 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.
- 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.
- 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.
- SOIL TESTING. SEE SPEC'S FOR SOIL TESTING REQUIREMENTS.
- 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
- 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.
- 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.
- 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.
- 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.
- EXISTING SOIL REMOVAL INCLUDES EXCAVATION AND REMOVAL OF EXISTING SOIL TO DEPTH AS INDICATED ON PLANS. SEE DETAILS AND LANDSCAPE SPECIFICATIONS.
- 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.
- 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.
- 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.
- SEE SHEET L-301 FOR ALL OTHER DETAILS FOR SOILS, TYPICAL MEDIAN BERM SECTIONS, SHEET MULCHING, PLANTING, ETC. ALSO, REFER TO LANDSCAPE SPECIFICATIONS.



REVISIONS

No.	Date	Description

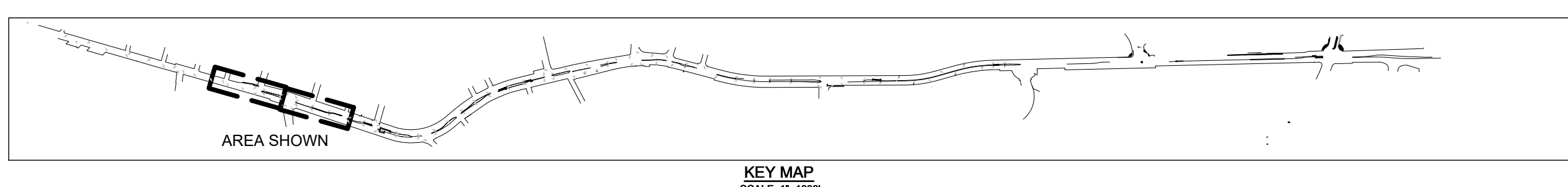


SOIL PLAN LEGEND

SYMBOL	DESCRIPTION
LPZ	LOW PLANT ZONE
(Circle with dot)	EXISTING TREE TO REMAIN AND BE PROTECTED
(Circle with cross)	EXISTING TREE TO REMOVE

(Circle with dot)	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL #91 SHEET L-301. SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.
(Circle with cross)	SOIL TESTING LOCATION. RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPECS.
(Circle with X)	STUMP GRIND LOCATION

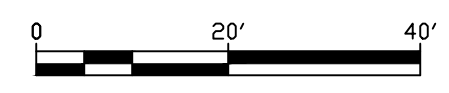
SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
(A) [Hatched]	SOIL PREP. PREPARE EXISTING SOIL IN PLACE PER SPECS	SHEET MULCH
(B) [Cross-hatched]	IMPORT TOP SOIL. SEE PLANS FOR DEPTH OF IMPORT TOP SOIL PER DETAIL #91-301	SHEET MULCH
(C) [Dotted]	IMPORT TOP SOIL WITH SOIL AMENDMENT. SEE PLANS FOR DEPTH OF IMPORT TOP SOIL. (LA CUESTA, CORTE MORADA PARK, ELISEO) & AND AT ALL TREE PLANT PITS) PER DETAIL #91-301	3" REGULAR MULCH
(D) [Horizontal lines]	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL. PER DETAIL #91-301	SHEET MULCH
(E) [Vertical lines]	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL AND SOIL AMENDMENT PER DETAIL #91-301. (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH
(F) [Diagonal lines]	SOIL AMENDMENT ONLY. AMEND EXISTING SOIL IN PLACE. (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH



SCALE: 1"=20'-0"



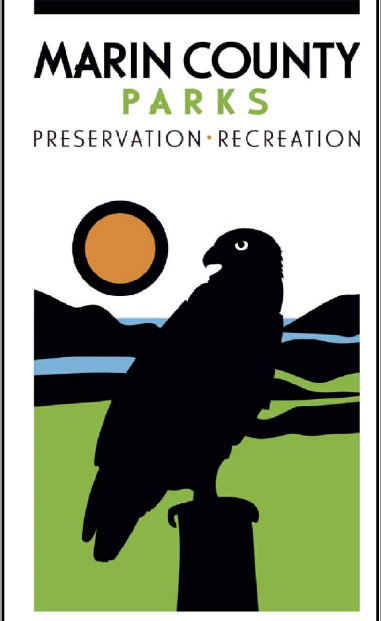
SCALE: 1"=20'-0"



MATCH LINE SEE BELOW

MATCH LINE SEE SHEET L-102

MATCH LINE SEE ABOVE



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REGISTRATION & SIGNATURE



DATE:
 3/10/2023

SUBMITTAL:

DRAFT

REVISIONS

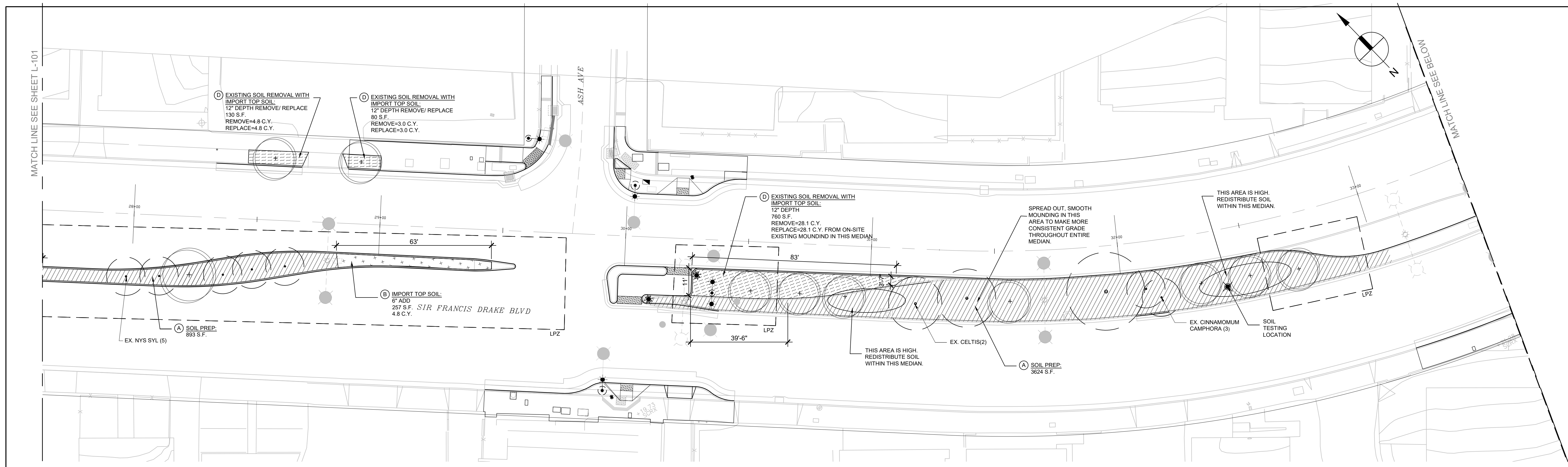
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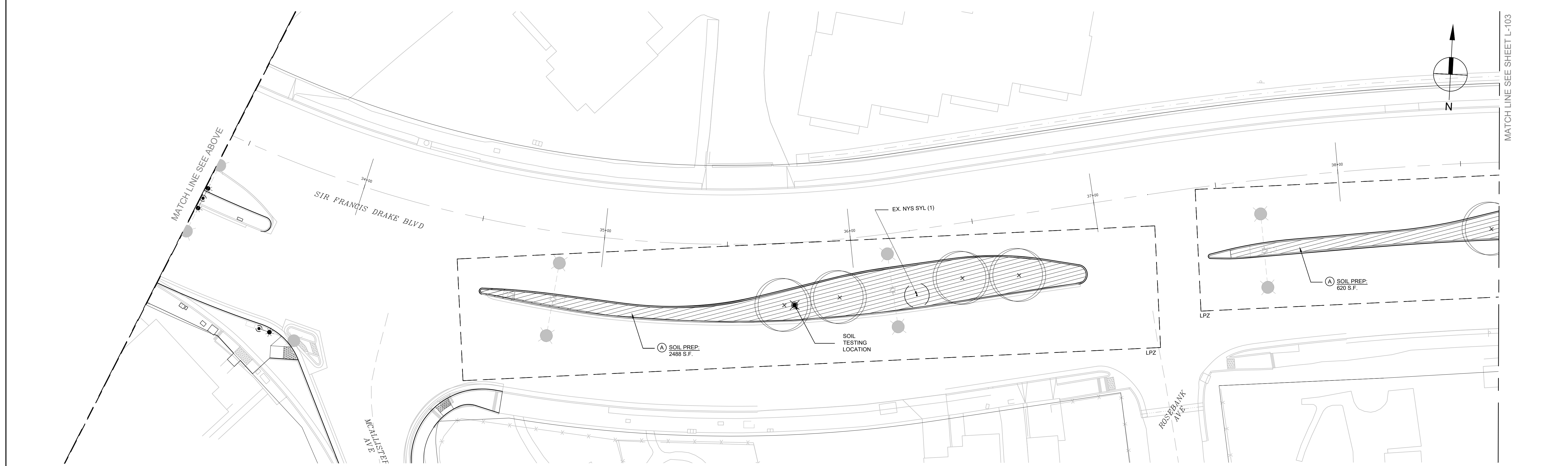
SOIL PLAN

SHEET NUMBER:

L-102



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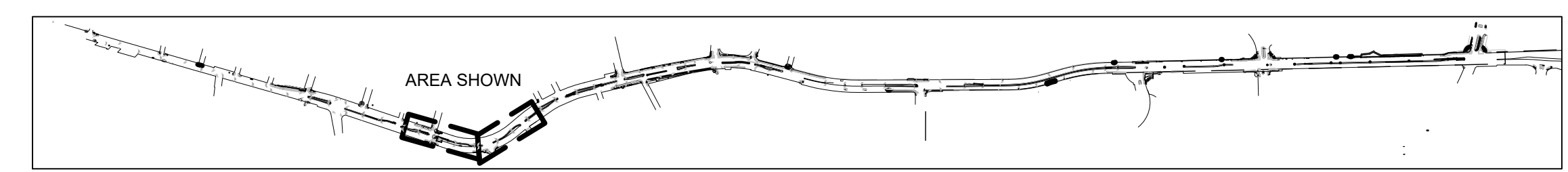
SCALE: 1"=20'-0" 0 20' 40'

SOIL PLAN LEGEND

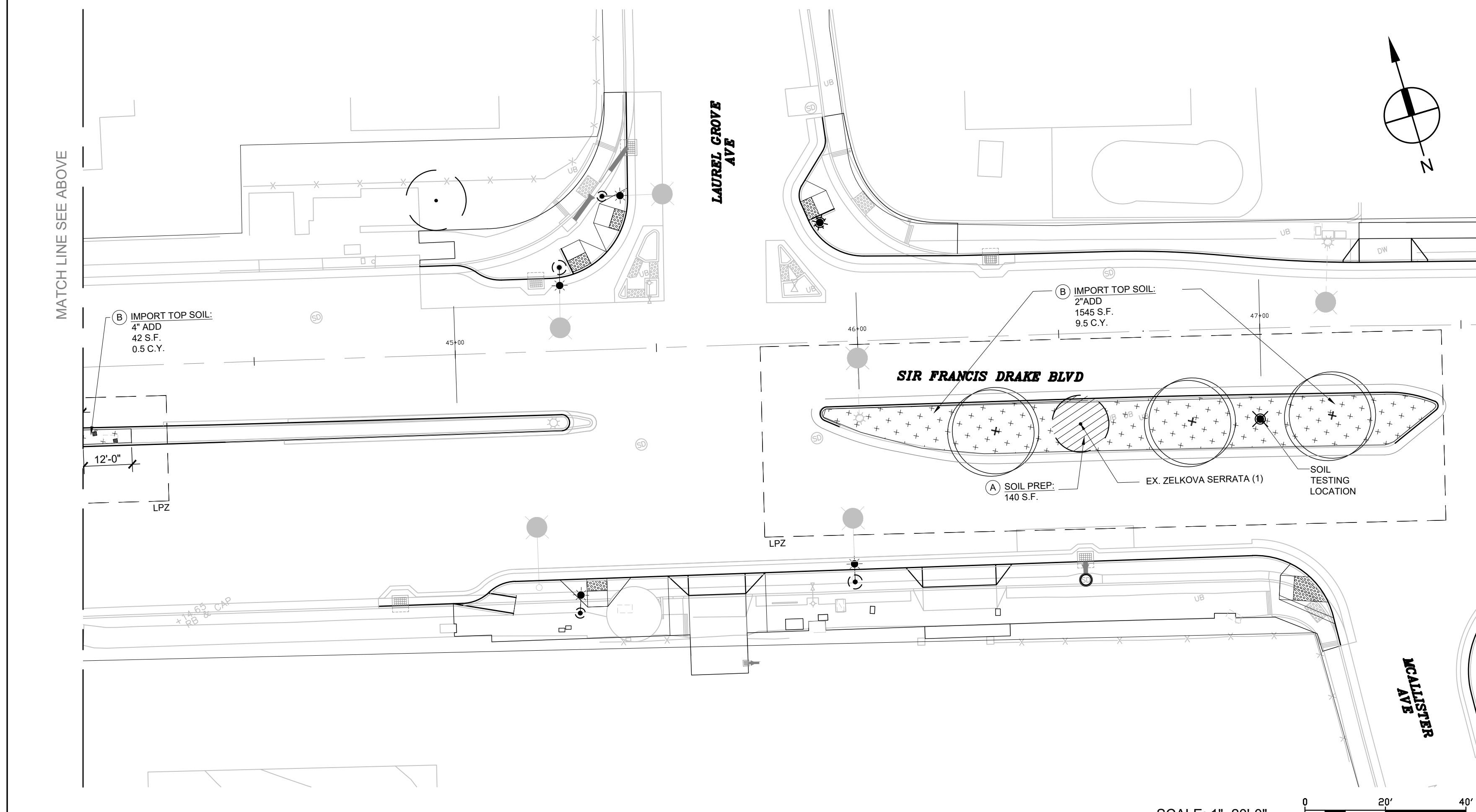
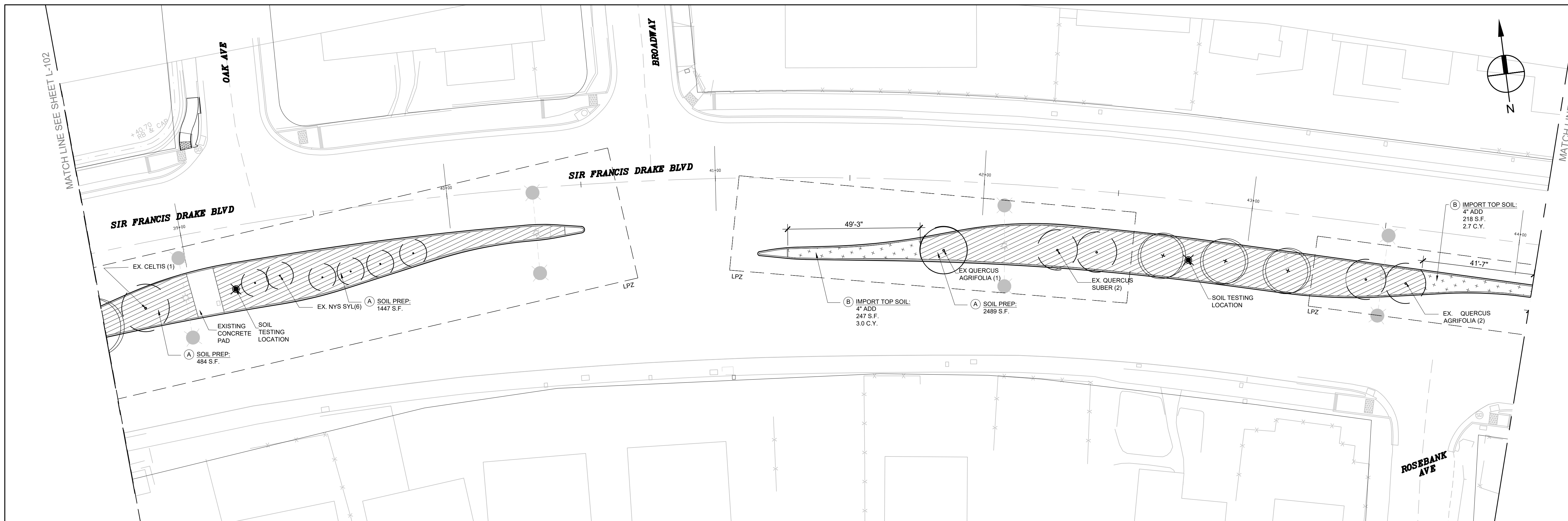
SYMBOL	DESCRIPTION
LPZ	LOW PLANT ZONE
(Circle with dot)	EXISTING TREE TO REMAIN AND BE PROTECTED
(Circle with X)	EXISTING TREE TO REMOVE

(Circle with dot)	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL #61 SHEET L-301. SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.
(Circle with X)	SOIL TESTING LOCATION: RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPEC.
(Circle with crosshair)	STUMP GRIND LOCATION

SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
(A) (Diagonal lines)	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 #61-301	SHEET MULCH
(C) (Dotted)	IMPORT TOP SOIL WITH SOIL AMENDMENT. SEE PLANS FOR DEPTH OF IMPORT TOP SOIL (LA CUESTA, CORTE MORADA PARK, ELISEO & AND AT ALL TREE PLANT PITS) PER DETAIL #61-301	3" REGULAR MULCH
(D) (Horizontal lines)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL. PER DETAIL #61-301	SHEET MULCH
(E) (Vertical lines)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL AND SOIL AMENDMENT PER DETAIL #61-301 (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH
(F) (Diagonal lines)	SOIL AMENDMENT ONLY AMONG EXISTING SOIL IN PLACE (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH



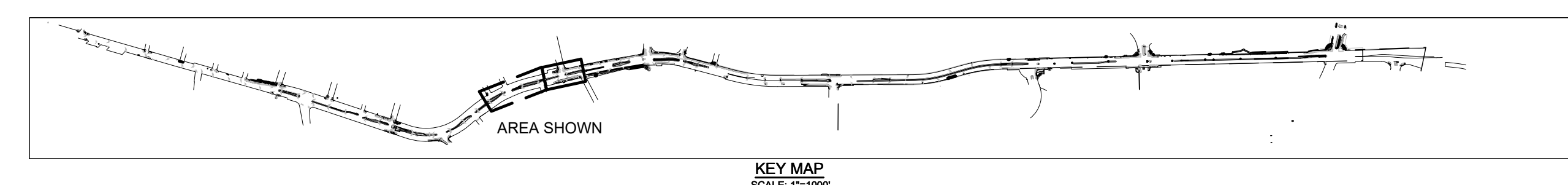
KEY MAP
 SCALE: 1"=100'



SOIL PLAN LEGEND

SYMBOL	DESCRIPTION
LPZ	LOW PLANT ZONE
(Circle with dot)	EXISTING TREE TO REMAIN AND BE PROTECTED
(Circle with X)	EXISTING TREE TO REMOVE
(Circle with star)	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.
(Star)	SOIL TESTING LOCATION: RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPECS.
(Circle with cross)	STUMP GRIND LOCATION

SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
(A)	SOIL PREP: PREPARE EXISTING SOIL IN PLACE PER SPECS	SHEET MULCH
(B)	IMPORT TOP SOIL: SEE PLANS FOR DEPTH OF IMPORT TOP SOIL PER DETAIL #93-301	SHEET MULCH
(C)	IMPORT TOP SOIL WITH SOIL AMENDMENT: SEE PLANS FOR DEPTH OF IMPORT TOP SOIL (LA CUESTA, CORTE MORADA PARK, ELIBEO) & AND AT ALL TREE PLANT PITS PER DETAIL #93-301	3" REGULAR MULCH
(D)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL, PER DETAIL #41-301	SHEET MULCH
(E)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL AND SOIL AMENDMENT PER DETAIL #41, 301, (LA CUESTA, CORTE MORADA PARK & ELIBEO)	3" REGULAR MULCH
(F)	SOIL AMENDMENT ONLY: AMEND EXISTING SOIL IN PLACE (LA CUESTA, CORTE MORADA PARK & ELIBEO)	3" REGULAR MULCH



PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



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 415-301-1039

WRT Planning & Design

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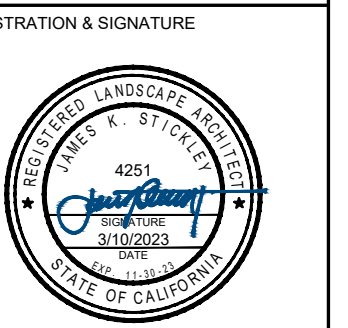
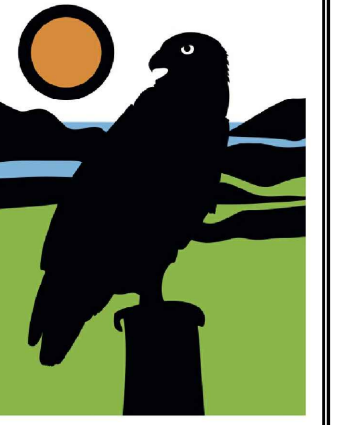
REGISTRATION & SIGNATURE
 DATE:
 3/10/2023

SUBMITTAL:
DRAFT

REVISIONS

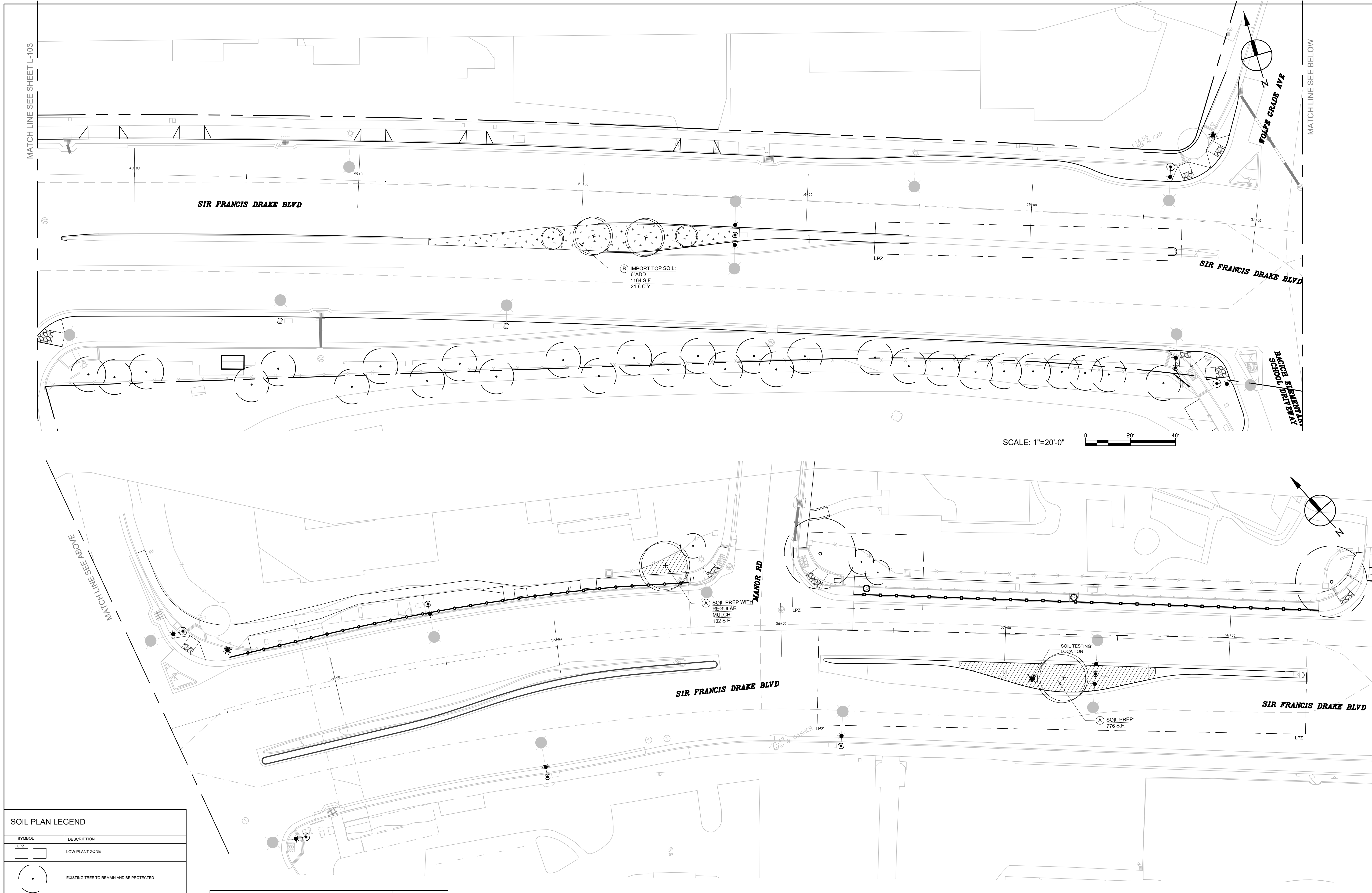
No.	Date	Description

SHEET TITLE:
SOIL PLAN
 SHEET NUMBER:
L-103

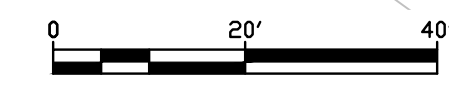


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NO.	DATE	DESCRIPTION



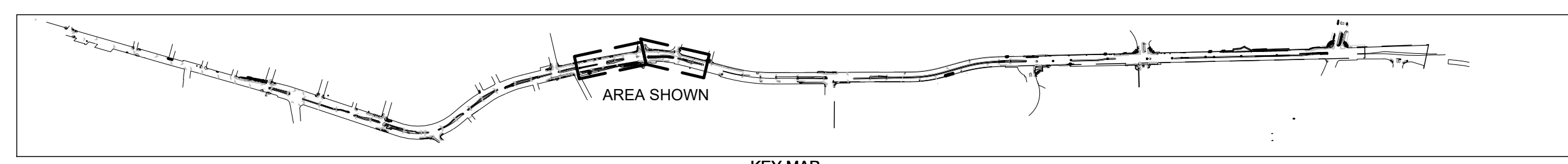
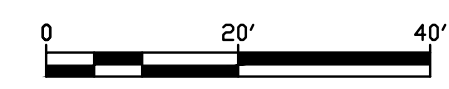
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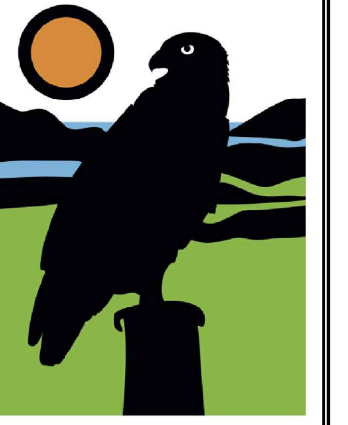
SYMBOL	DESCRIPTION
	LOW PLANT ZONE
	EXISTING TREE TO REMAIN AND BE PROTECTED
	EXISTING TREE TO REMOVE
	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING FOR DETAIL #01-SHEET L-101. SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.
	SOIL TESTING LOCATION. RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPEC.
	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 #01-S01	SHEET MULCH
(C)	IMPORT TOP SOIL WITH SOIL AMENDMENT. SEE PLANS FOR DEPTH OF IMPORT TOP SOIL (LA CUESTA, CORTE MORADA PARK & ELISEO) AND AT ALL TREE PLANT PITS PER DETAIL #01-S01	3" REGULAR MULCH
(D)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL. PER DETAIL #01-S01	SHEET MULCH
(E)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL AND SOIL AMENDMENT PER DETAIL #01-S01 (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

SCALE: 1"=20'-0"

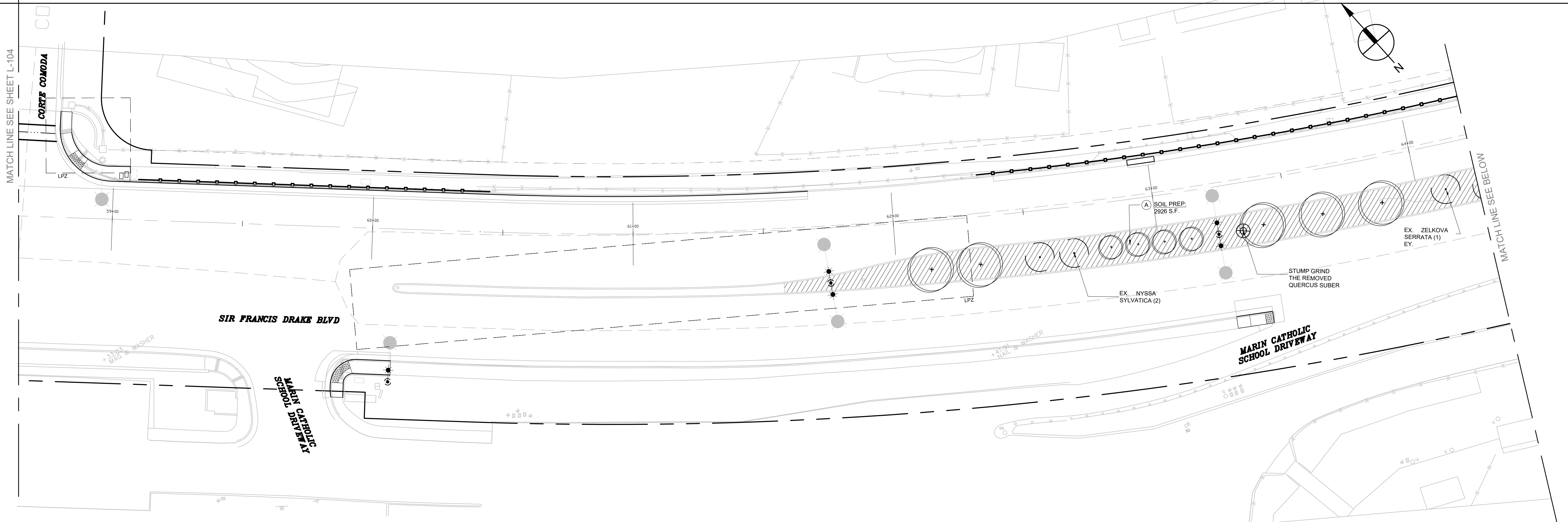


KEY MAP
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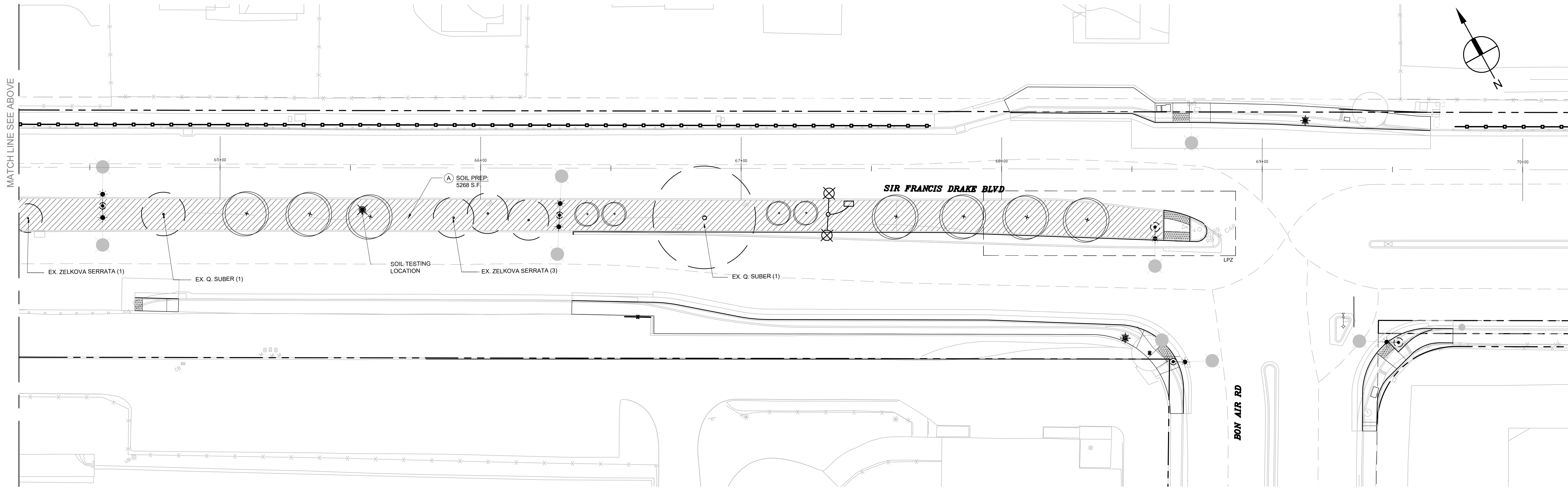
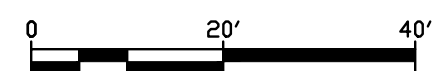


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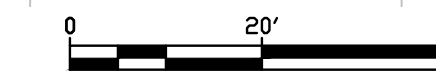
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SCALE: 1"=20'-0"



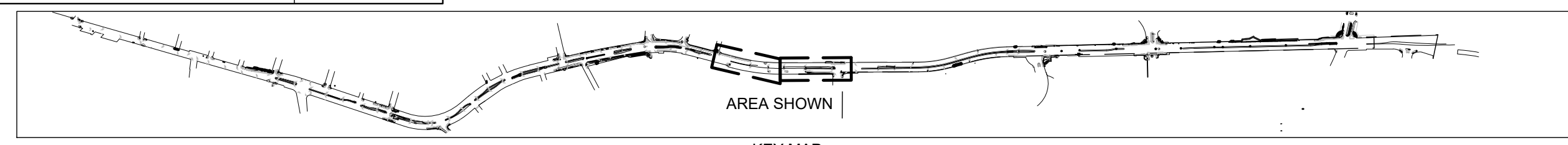
SYMBOL	DESCRIPTION
LPZ	LOW PLANT ZONE
(Circle with dot)	EXISTING TREE TO REMAIN AND BE PROTECTED

(Circle with cross)	EXISTING TREE TO REMOVE
(Circle with star)	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL RW DETAIL L-301. SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.
(Circle with crosshair)	SOIL TESTING LOCATION: RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPEC.

SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
(Circle with crosshair)	SOIL TESTING LOCATION: RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPEC.	
(Circle with star)	STUMP GRIND LOCATION	
(Circle with crosshair)	SOIL DESCRIPTION	MULCH DESCRIPTION
(A) (Hatched box)	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 RW-301	SHEET MULCH
(C) (Dotted box)	IMPORT TOP SOIL WITH SOIL AMENDMENT - SEE PLANS FOR DEPTH OF IMPORT TOP SOIL (LA CUESTA, CORTE MORADA PARK, ELISEO & AND AT ALL TREE PLANT PITS) PER DETAIL RW-301	3" REGULAR MULCH

(D) (Hatched box)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL PER DETAIL RW L-301	SHEET MULCH
(E) (Dotted box)	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL AND SOIL AMENDMENT PER DETAIL RW L-301 (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH

(F) (Hatched box)	SOIL AMENDMENT ONLY AMEND EXISTING SOIL IN PLACE (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH
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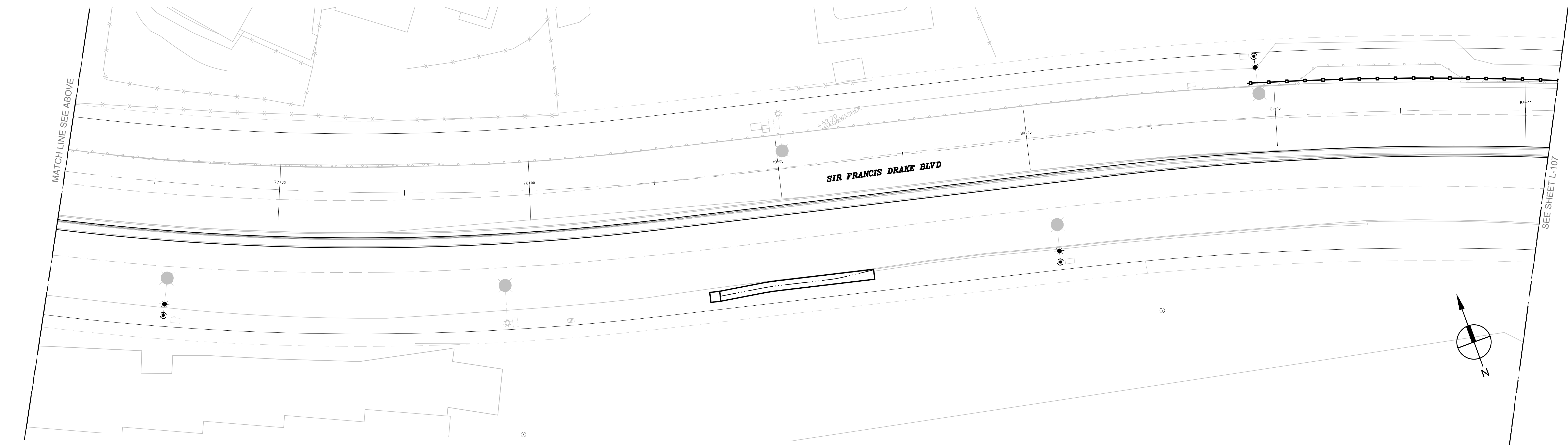
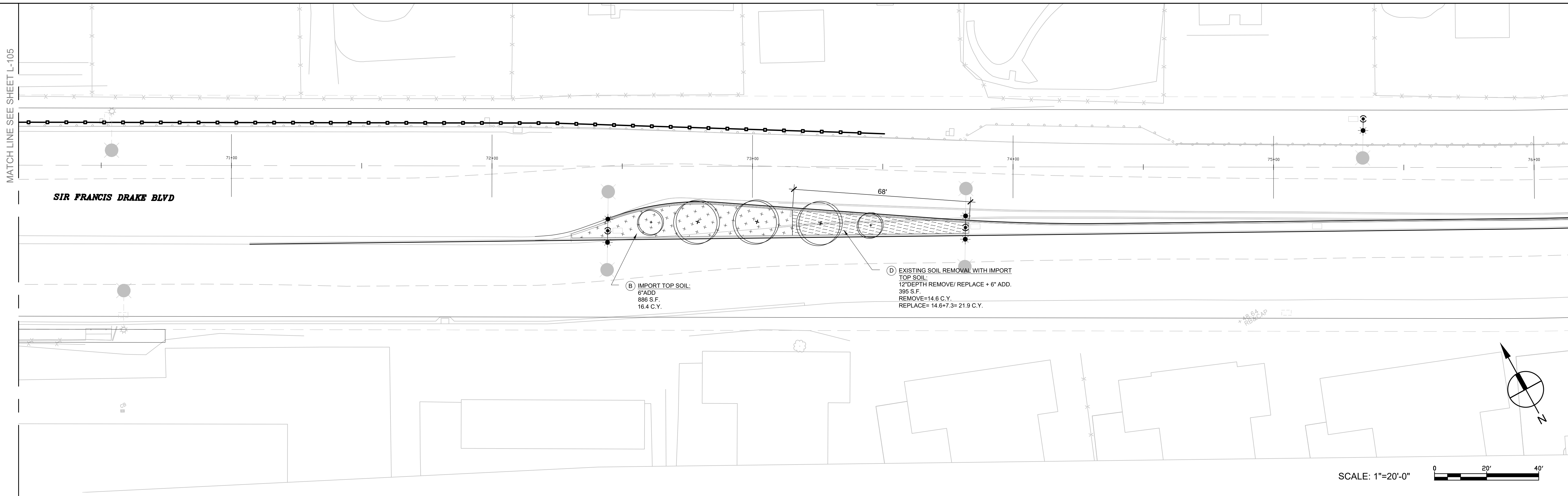
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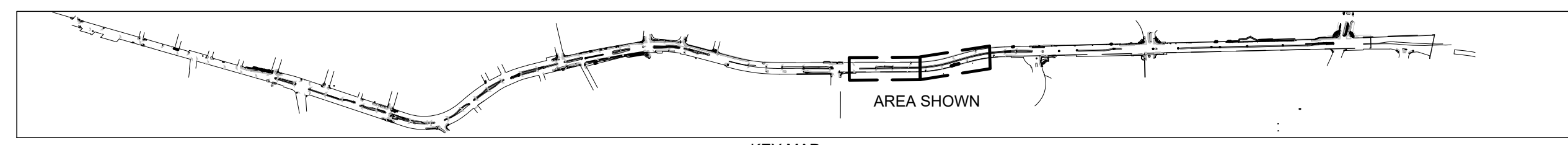
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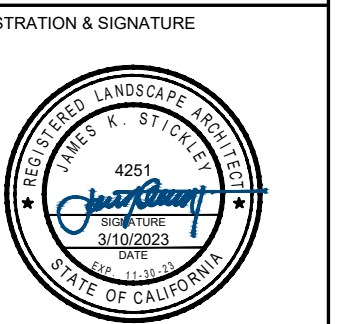
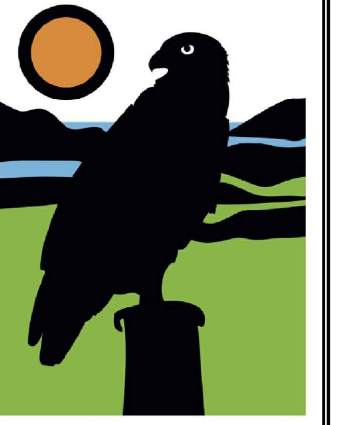


SOIL PLAN LEGEND	
SYMBOL	DESCRIPTION
	LOW PLANT ZONE
	EXISTING TREE TO REMAIN AND BE PROTECTED

	EXISTING TREE TO REMOVE
	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL #9 PER 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 SPECS	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, CORTE MORADA PARK, ELISEO) AND AT ALL TREE PLANT PITS) PER DETAIL #9-L-301	3" REGULAR MULCH
(D)	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

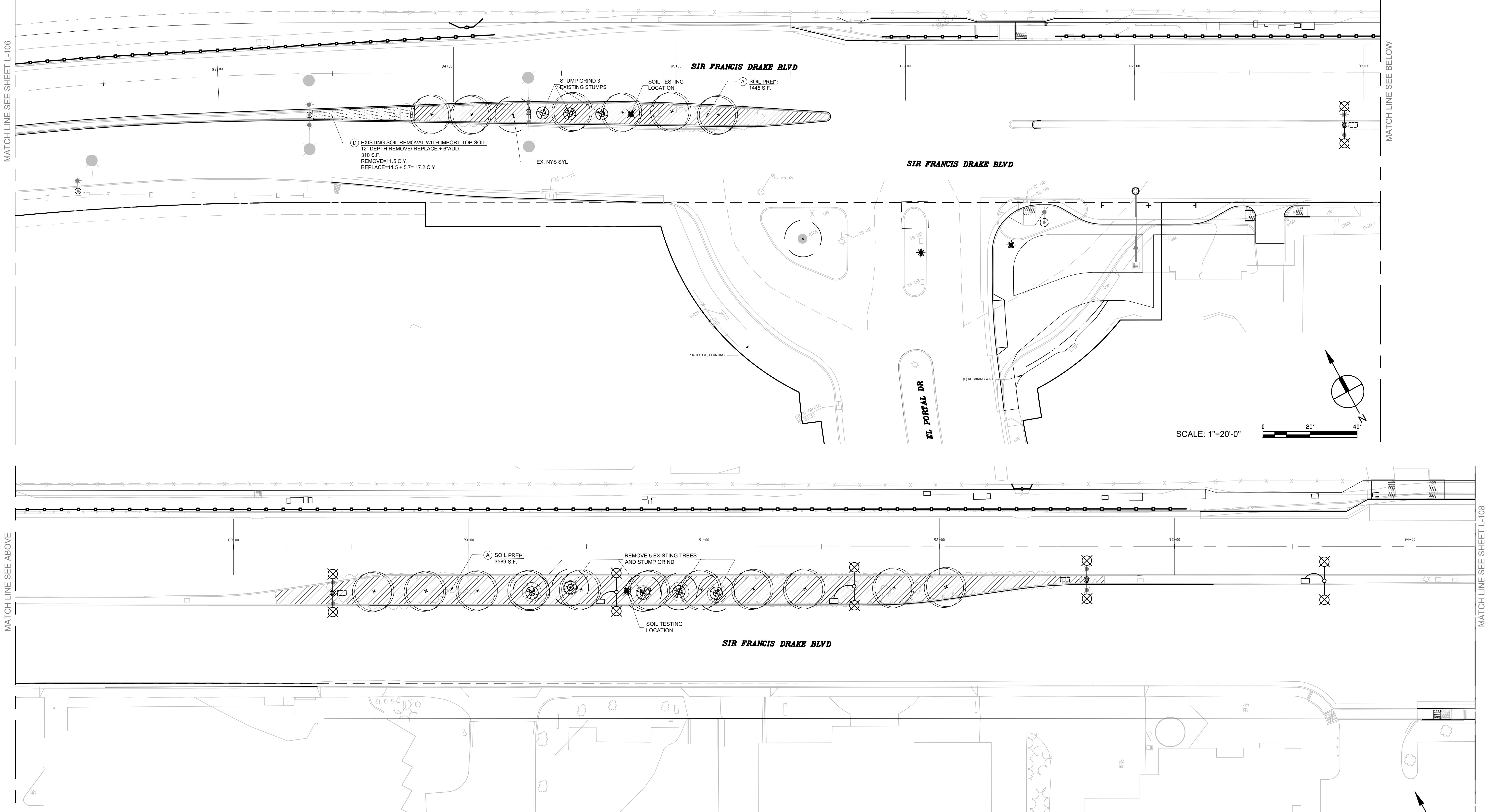




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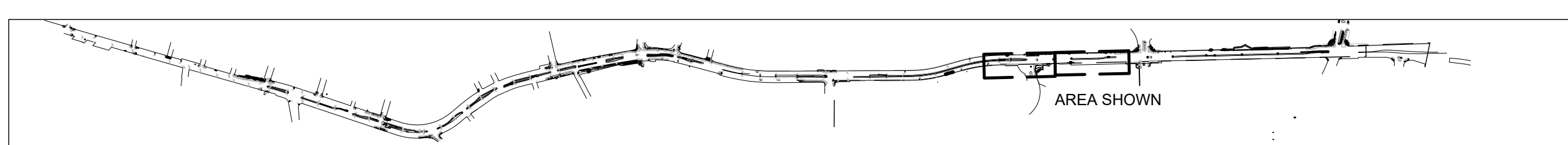
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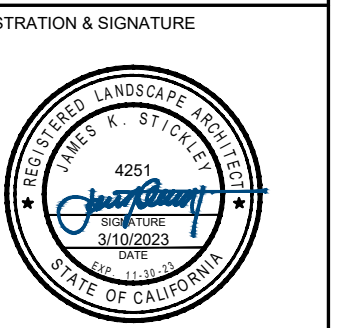
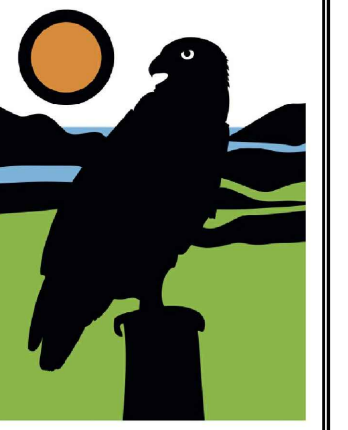
SOIL PLAN LEGEND

SYMBOL	DESCRIPTION
LFZ	LOW PLANT ZONE
(Circle with dot)	EXISTING TREE TO REMAIN AND BE PROTECTED
(Circle with cross)	EXISTING TREE TO REMOVE
(Circle with star)	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL #9 (SHEET L-301). SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.
(Circle with crosshair)	SOIL TESTING LOCATION: RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPEC.
(Circle with X)	STUMP GRIND LOCATION

SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
(A) [Hatched]	SOIL PREP	SHEET MULCH
(B) [Dotted]	IMPORT PLANTING SOIL. SEE PLANS FOR DEPTH OF IMPORT PLANTING SOIL.	SHEET MULCH
(C) [Cross-hatched]	IMPORT PLANTING SOIL WITH SOIL AMENDMENT. SEE PLANS FOR DEPTH OF IMPORT PLANTING SOIL. (LA CUESTA, CORTE MORADA PARK, ELISEO & AND ALL TREE PLANT PITS)	3" REGULAR MULCH
(D) [Diagonal lines]	EXISTING SOIL REMOVAL WITH IMPORT PLANTING SOIL. PER DETAIL #31 L-301	SHEET MULCH
(E) [Horizontal lines]	SOIL REMOVAL AND REPLACEMENT. EXISTING SOIL REMOVAL WITH IMPORT PLANTING SOIL AND SOIL AMENDMENT. PER DETAIL #31 L-301. (LA CUESTA, CORTE MORADA PARK & ELISEO).	3" REGULAR MULCH
(F) [Vertical lines]	SOIL AMENDMENT ONLY. AMEND EXISTING SOIL IN PLACE. (LA CUESTA, CORTE MORADA PARK & ELISEO).	3" REGULAR MULCH



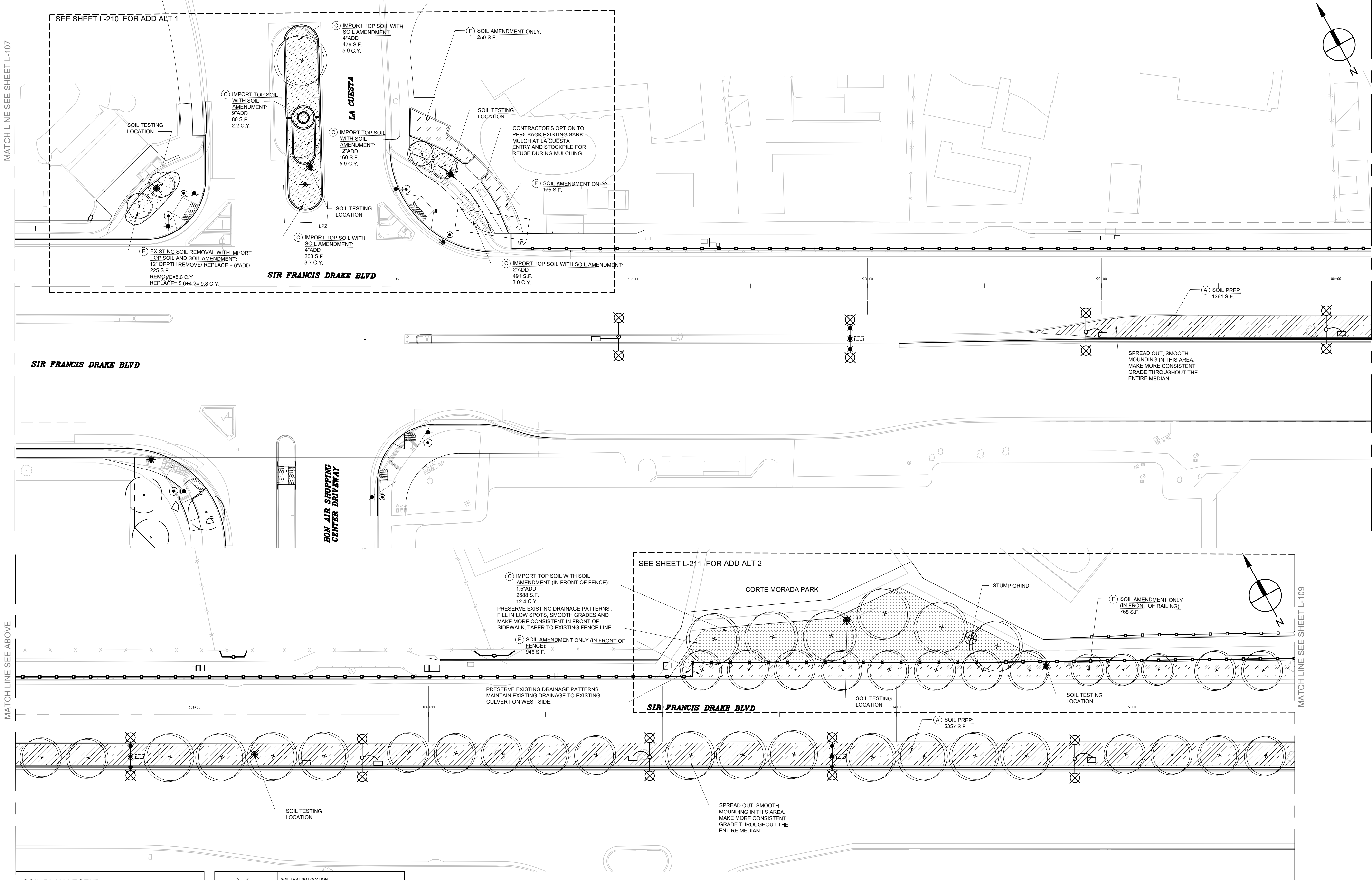
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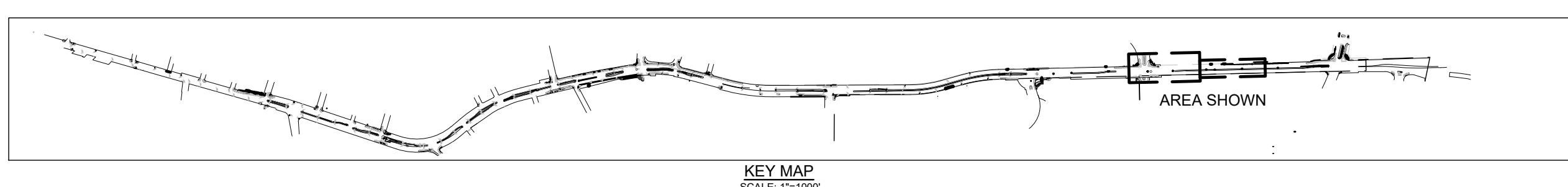
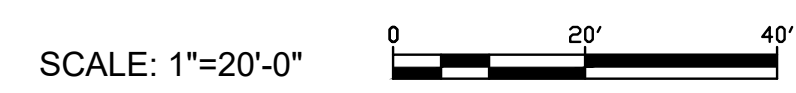
No.	Date	Description



SOIL PLAN LEGEND

SYMBOL	DESCRIPTION
LPZ	LOW PLANT ZONE
(Circle with dot)	EXISTING TREE TO REMAIN AND BE PROTECTED
(Circle with cross)	EXISTING TREE TO REMOVE
(Circle with plus)	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL #01 SHEET L-301. SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.

SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
(Circle with cross)	SOIL TESTING LOCATION. RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPECS.	
(Circle with X)	STUMP GRIND LOCATION	
(A) (Hatched)	SOIL PREP	SHEET MULCH
(B) (+)	IMPORT PLANTING SOIL. SEE PLANS FOR DEPTH OF IMPORT PLANTING SOIL.	SHEET MULCH
(C) (Dotted)	IMPORT PLANTING SOIL WITH SOIL AMENDMENT. SEE PLANS FOR DEPTH OF IMPORT PLANTING SOIL (LA CUESTA, CORTE MORADA PARK, ELISEO & AND AT ALL TREE PLANT PITS)	3" REGULAR MULCH
(D) (Horizontal lines)	EXISTING SOIL REMOVAL WITH IMPORT PLANTING SOIL. PER DETAIL #01 L-301	SHEET MULCH
(E) (Vertical lines)	SOIL REMOVAL AND REPLACEMENT. EXISTING SOIL REMOVAL WITH IMPORT PLANTING SOIL AND SOIL AMENDMENT. PER DETAIL #01 L-301. (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH
(F) (Diagonal lines)	SOIL AMENDMENT ONLY. AMEND EXISTING SOIL IN PLACE (LA CUESTA, CORTE MORADA PARK & ELISEO)	3" REGULAR MULCH

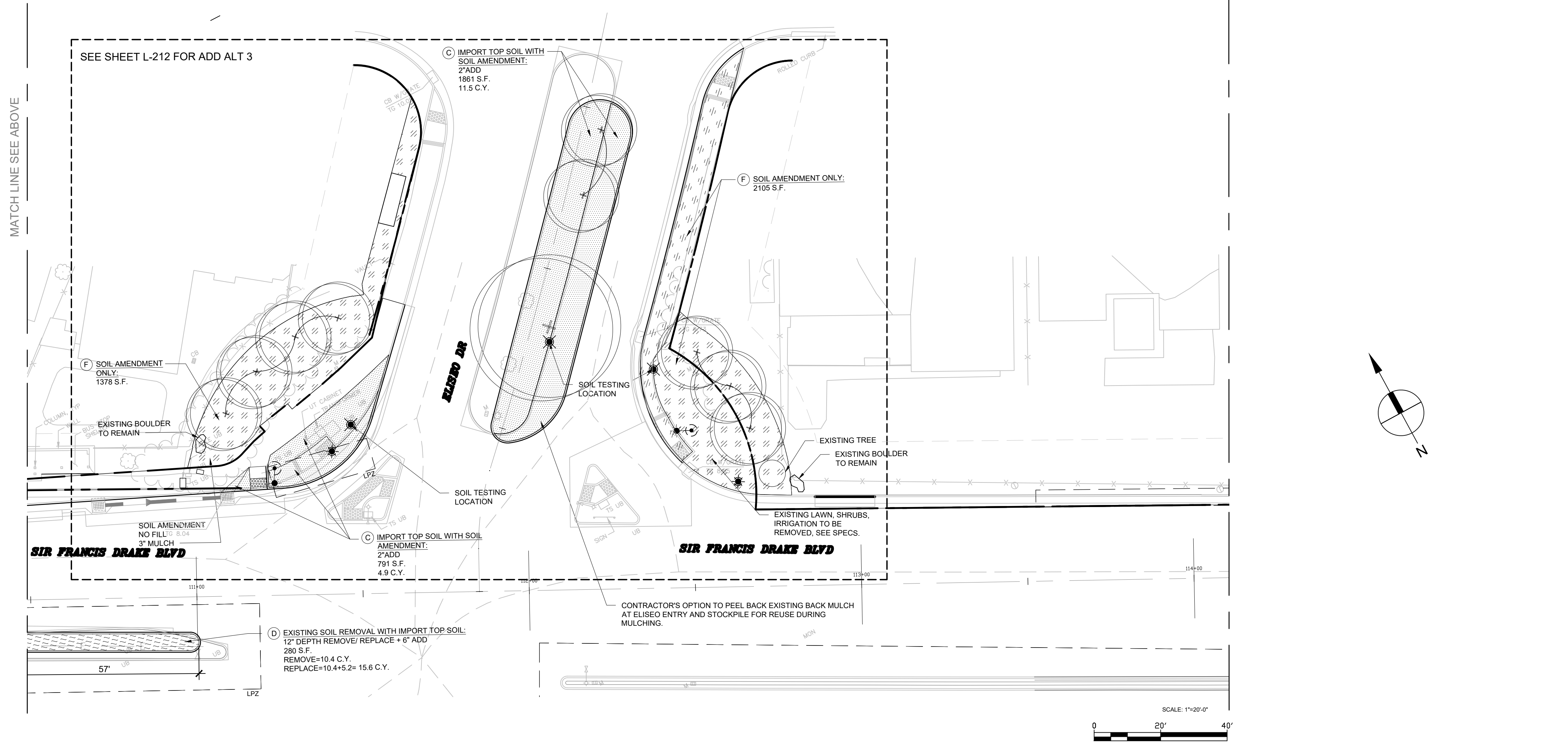
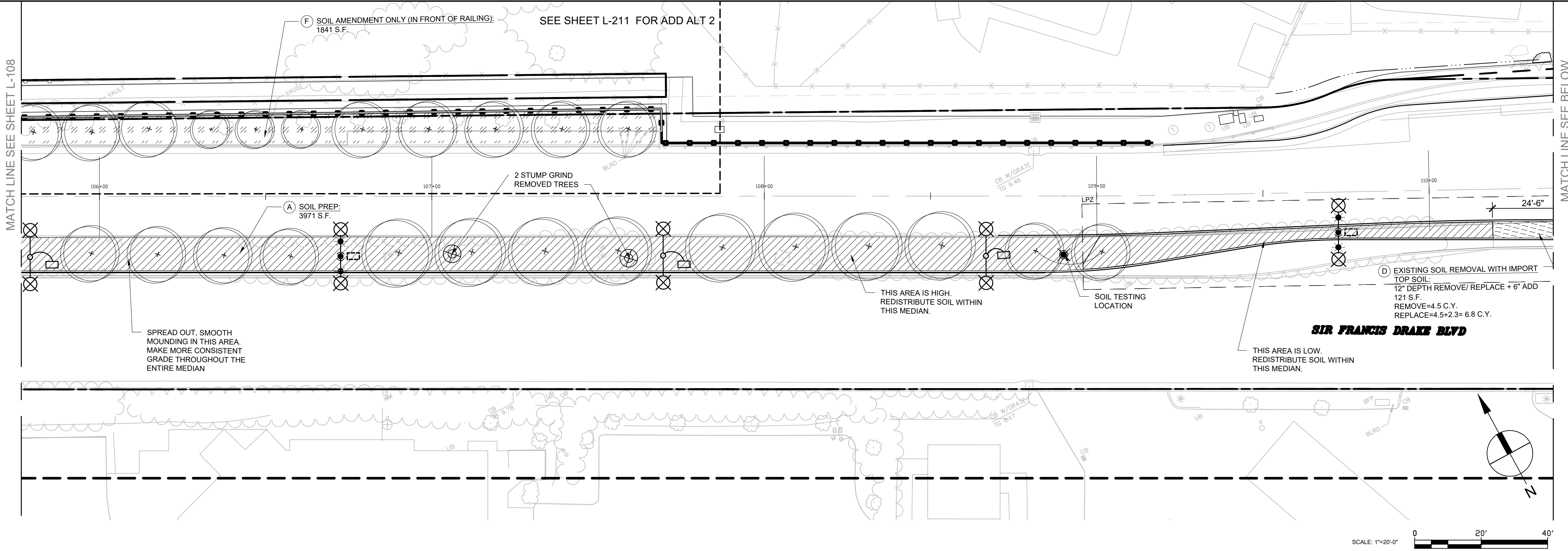




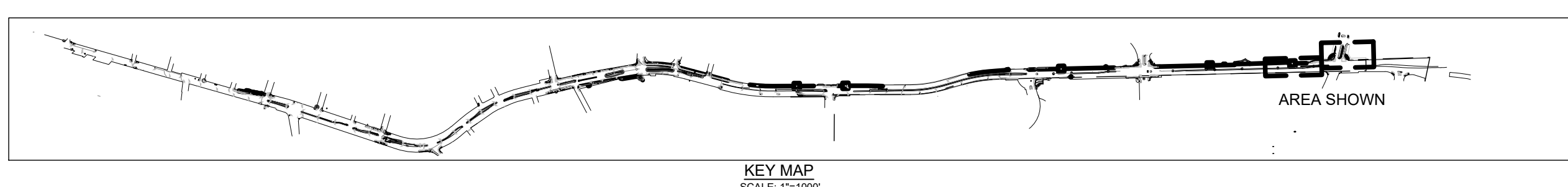
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REVISIONS

No.	Date	Description



SOIL PLAN LEGEND		
SYMBOL	DESCRIPTION	
[LPZ]	LOW PLANT ZONE	
[Circle with dot]	EXISTING TREE TO REMAIN AND BE PROTECTED	
[Circle with X]	EXISTING TREE TO REMOVE	
[Circle with star]	PROPOSED TREE WITH AMENDED IMPORTED PLANTING SOIL AT EACH TREE PLANTING PER DETAIL #61 SHEET L-301. SEE PLANTING PLAN FOR TREE SPECIES, SIZES, ETC.	
[Circle with crosshair]	SOIL TESTING LOCATION. RECOMMENDED LOCATIONS FOR SOIL TEST SAMPLES. SOIL TEST SAMPLES TO BE BLENDED COMPOSITES PER SPECS.	
[Circle with X and dot]	STUMP GRIND LOCATION	
SYMBOL	SOIL DESCRIPTION	MULCH DESCRIPTION
[A]	SOIL PREP: PREPARE EXISTING SOIL IN PLACE PER SPECS	SHEET MULCH
[B]	IMPORT TOP SOIL. SEE PLANS FOR DEPTH OF IMPORT TOP SOIL PER DETAIL #61-301	SHEET MULCH
[C]	IMPORT TOP SOIL WITH SOIL AMENDMENT. SEE PLANS FOR DEPTH OF IMPORT TOP SOIL (LA CUESTA, CORTE MORADA PARK, ELISEO & AND AT ALL TREE PLANT PITS) PER DETAIL #61-301	3" REGULAR MULCH
[D]	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL PER DETAIL #61-301	SHEET MULCH
[E]	EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL AND SOIL AMENDMENT PER DETAIL #61-301. (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



GENERAL SYMBOL LEGEND

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 MAINTAINED NO LOWER THAN 8' MINIMUM HEIGHT WHEN MEASURED FROM THE ROAD.

SHRUB AND GROUND COVER LEGEND- FOR ADD ALTS #1,#2,#3 ONLY

SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	SPACING
(Abf)	AGAVE 'BLUE FLAME' BLUE FLAME AGAVE	15 GAL	4'
(As)	ALOE STRIATA CORAL ALOE	1 GAL	3'
(Ab)	ALOE 'BLUE ELF' BLUE ELF ALOE	5 GAL	3'
(Auu)	ARCTOSTAPHYLOS UVA-URSI 'RADIANT' RADIANT MANZANITA	5 GAL	5'
(Ch)	CEANOTHUS HEARSTIUM 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 SALVIFOLIUS 'PROSTRATUS' SAGELEAF ROCKROSE	5 GAL	4'
(Hpb)	HESPERALOE PARVIFLORA 'BRAKE LIGHTS' RED YUCCA	5 GAL	2.5'
(Lm)	LANTANA MONTEVIDENSIS 'TANGERINE' TRAILING LANTANA	1 GAL	3'
(LI)	LOMANDRA LONGIFOLIA 'BREEZE' NYLLA 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 LUCIDRYSS WALL GERMANDER	1 GAL	2'
(Sm)	SENECIO MANDRALISCAE BLUE CHALKSTICKS	1 GAL	2'
(Wml)	WESTRINGIA FRUTICOSA 'MORNING LIGHT' COAST ROSEMARY	5 GAL	5'

PLANTING NOTES

- CONTRACTOR SHALL NOT FULLY 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
- SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, EXECUTION, AND MAINTENANCE.
- SEE DETAILS AND SPECIFICATIONS FOR PLANTING STAKING METHOD AND BACKFILL REQUIREMENTS.
- 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.
- 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.
- ALL WORK TO BE PERFORMED BY LICENSED (C27) CONTRACTOR AND EXPERIENCED WORKERS.
- PER MMWD REQUIREMENTS, A MINIMUM 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.
- AT TIME OF PLANTING, INCORPORATE COMPOST OR NATURAL FERTILIZER INTO THE SOIL AS REQUIRED PER THE SPECIFIC AMENDMENT RECOMMENDATIONS FROM A SOILS LABORATORY REPORT.
- 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.
- REFER TO LANDSCAPE DETAILS & SPECIFICATIONS FOR ADDITIONAL INFORMATION.

TREE LEGEND

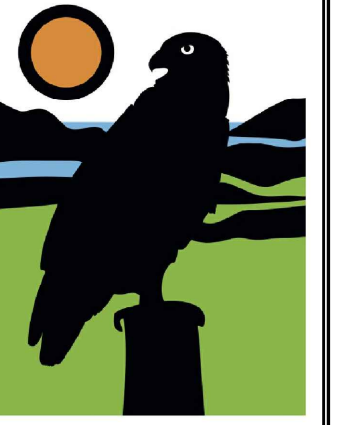
SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING	TREE SIZE*	ESTIMATED CANOPY AREA AT 50% MATURITY	NOTES	SIZE
ULM PAR 'ALLEE'	Ulmus parvifolia 'Allee' Alle Chinese Elm	L	Large	500 s.f.	Standard	24" Box
ULM PAR 'DRAKE'	Ulmus parvifolia 'Drake' Drake Chinese Elm	L	Medium	500 s.f.	Standard	24" Box
OLE SWA	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
LAG IND MUS	Lagerstroemia indica 'Muskogee' Muskogee Crape Myrtle	L	Small	100 s.f.	Standard	24" 736" Box, see plans
LAG IND NAT	Lagerstroemia indica 'Natchez' Natchez Crape Myrtle	L	Medium	300 s.f.	Standard	24" 736" Box, see plans
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" 748" Box, see plans
GIN BIL	Ginkgo biloba 'Autumn Gold' Ginkgo Tree	L	Large	500 s.f.	Standard	24" Box

*SEE PLANS FOR CONTAINER SIZE

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

PROJECT OWNER:

**MARIN COUNTY
PARKS**
PRESERVATION-RECREATION



CONTACT:
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MARIN COUNTY PARKS
3501 CIVIC CENTER DRIVE #200
SAN RAFAEL, CA 94903
SRICHARDS@MARINCOUNTY.ORG
415-301-1039

WRT Planning & Design

Wallace Roberts & Todd, LLC
418 Illinois St #28 415.515.4722
San Francisco, CA 94103 fax 415.436.9537

REGISTRATION & SIGNATURE



DATE:
3/10/2023

SUBMITTAL:

DRAFT

REVISIONS

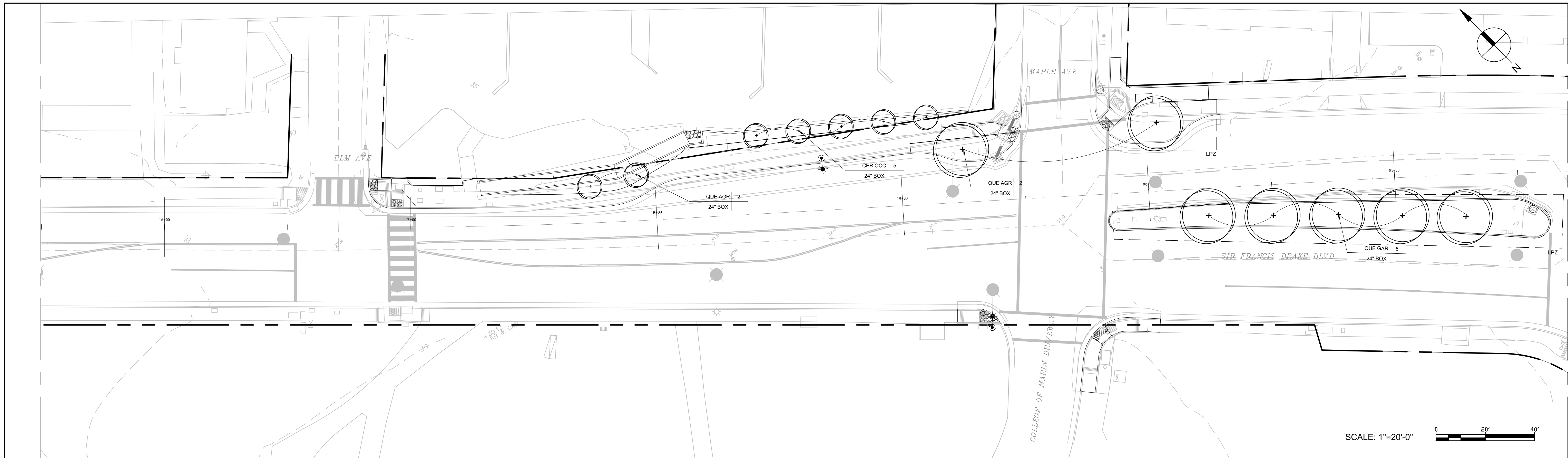
No.	Date	Description

SHEET TITLE:

PLANTING NOTES
AND LEGEND

SHEET NUMBER:

L-200



MATCH LINE SEE BELOW

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



CONTACT:
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 MARIN COUNTY PARKS
 3501 CIVIC CENTER DRIVE #200
 SAN RAFAEL, CA 94903
 SRICHARDS@MARINCOUNTY.ORG
 415-301-1039

WRT Planning & Design

Wallace Roberts & Todd, LLC
 418 Hellman St #208
 San Francisco, CA 94103
 415.436.9337



DATE:
 3/10/2023

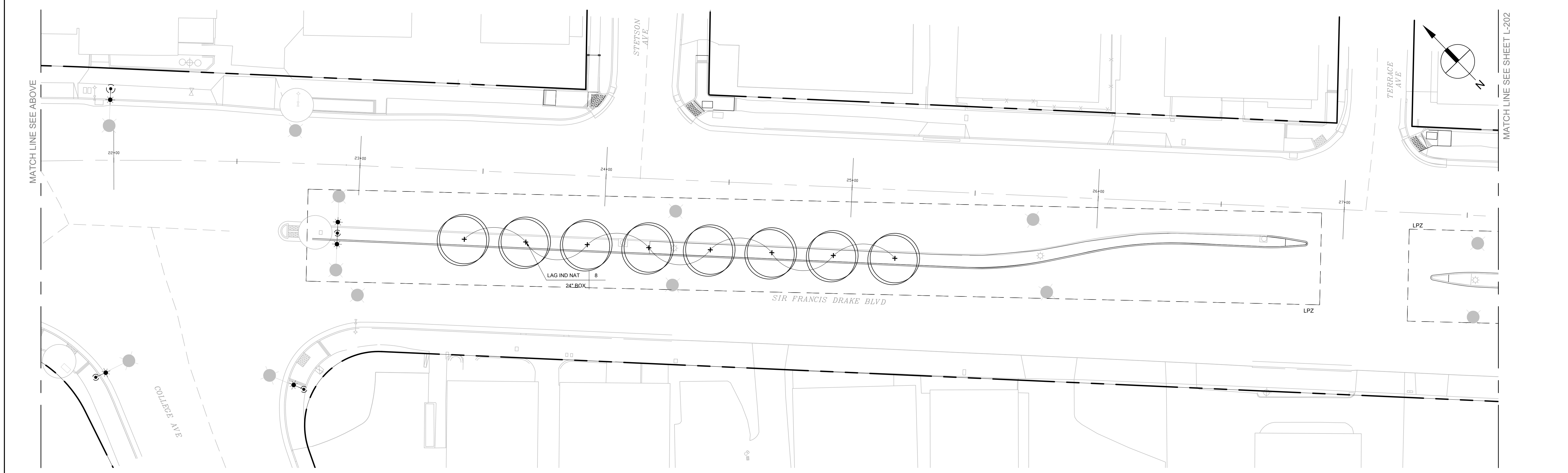
SUBMITTAL:
DRAFT

REVISIONS

No.	Date	Description

SHEET TITLE:
 LANDSCAPE PLANTING PLAN

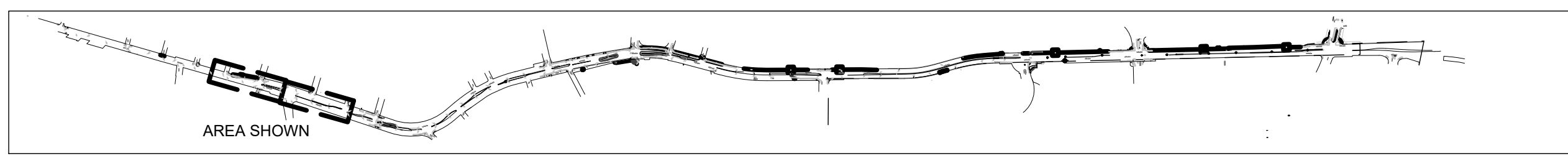
SHEET NUMBER:
L-201



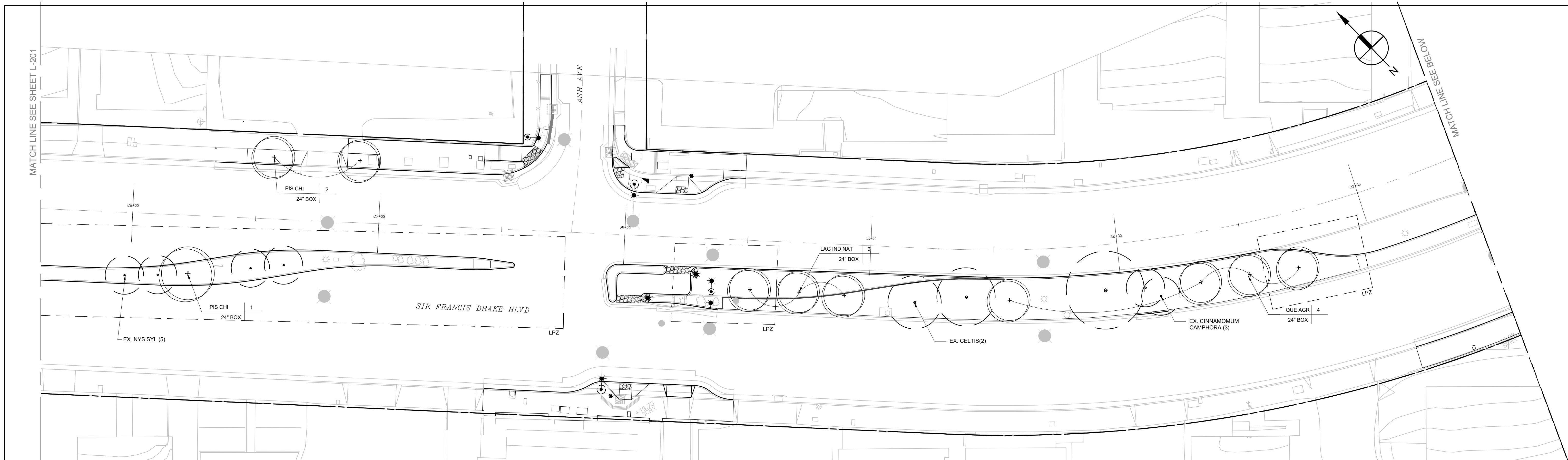
MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET L-202

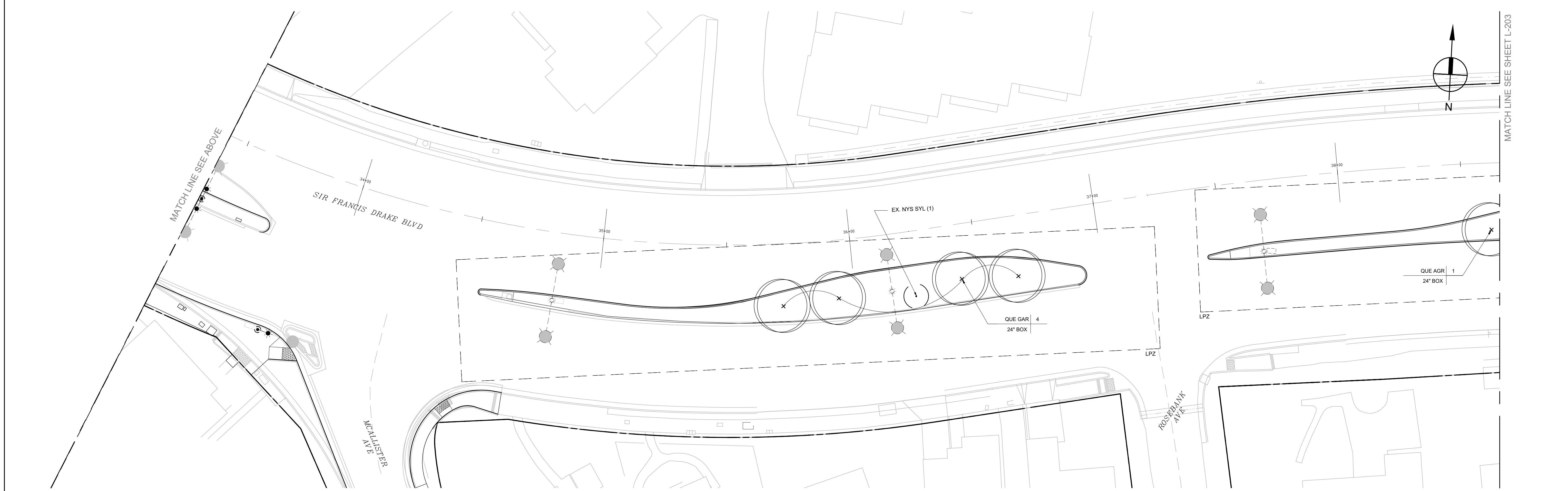
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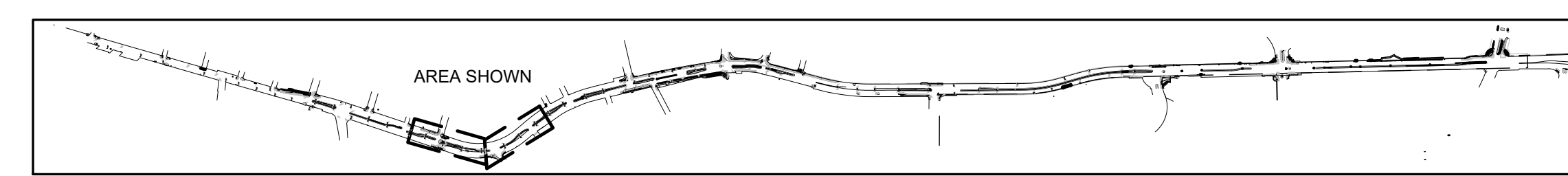
KEY MAP
 SCALE: 1"=100'



SCALE: 1"=20'-0"



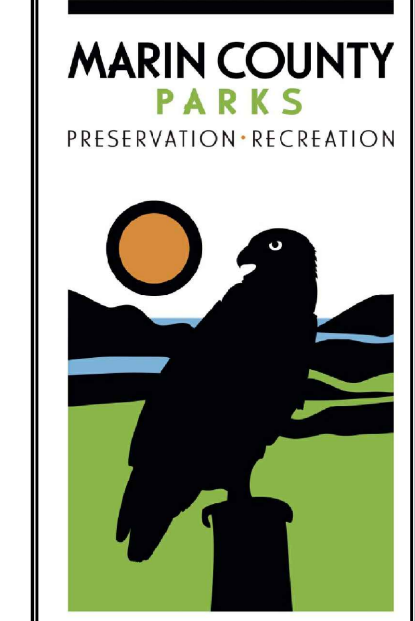
SCALE: 1"=20'-0"



KEY MAP
SCALE: 1"=1000'

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:



CONTACT:
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SRICHARDS@MARINCOUNTY.ORG
415-301-1039



Wallace Roberts & Todd, LLC
418 Fellows St #208 415.515.4722
San Francisco, CA 94103 fax 415.436.9537

REGISTRATION & SIGNATURE



DATE:
3/10/2023

SUBMITTAL:

DRAFT

REVISIONS

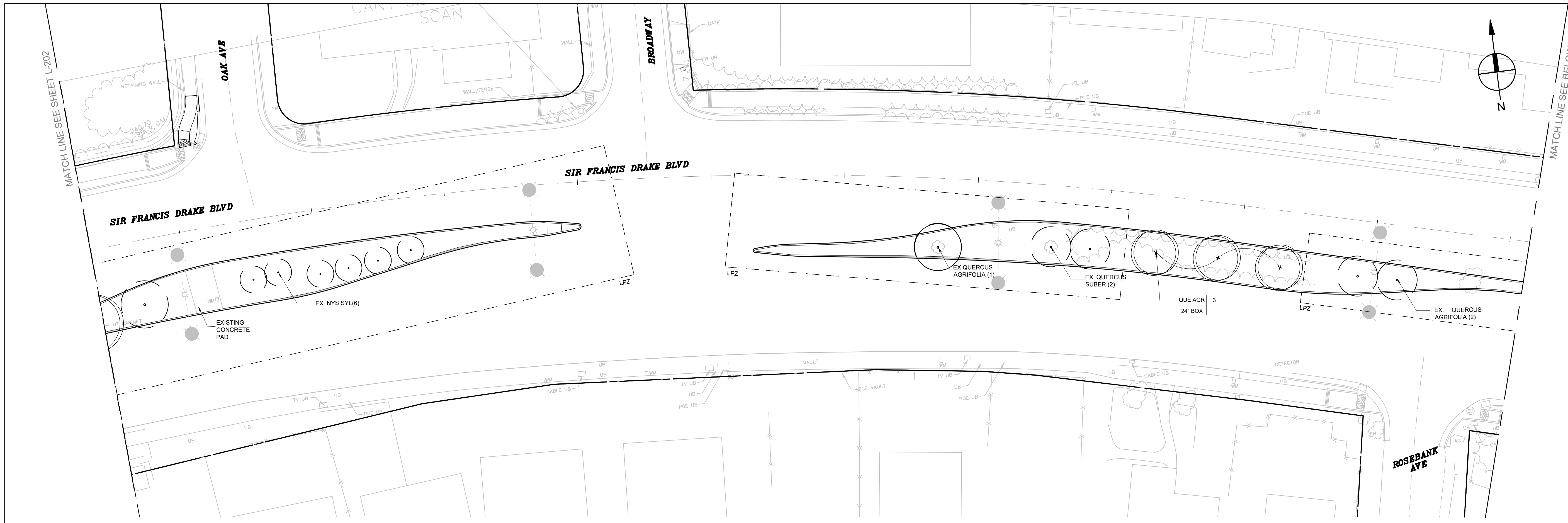
No.	Date	Description

SHEET TITLE:

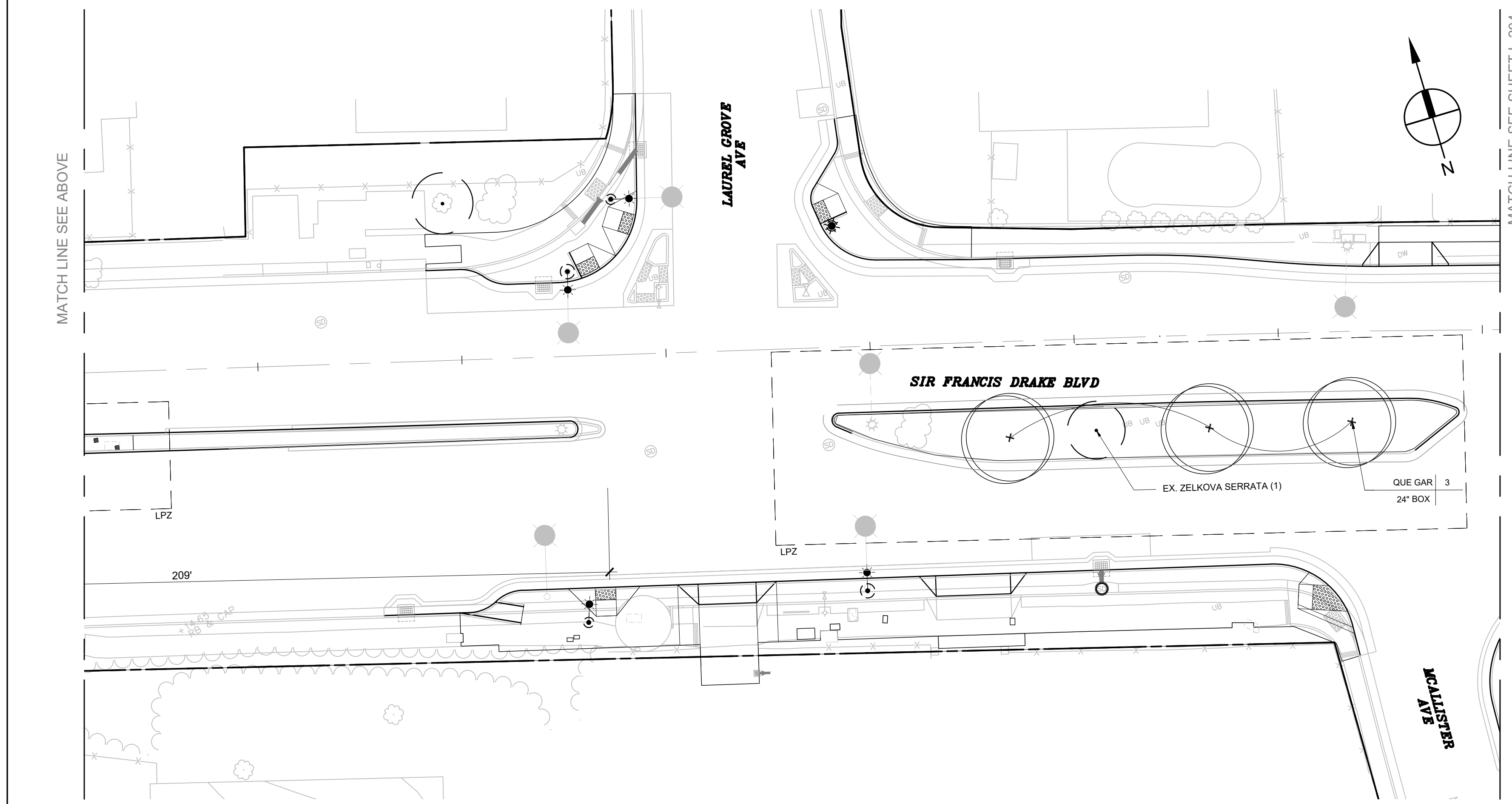
LANDSCAPE PLANTING PLAN

SHEET NUMBER:

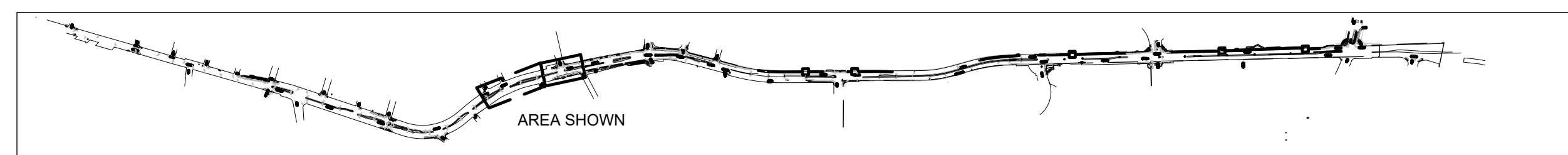
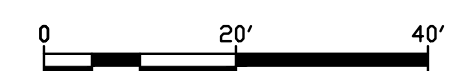
L-202



SCALE: 1"=20'-0"



SCALE: 1"=20'-0"



KEY MAP
SCALE: 1"=100'

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:

MARIN COUNTY PARKS
PRESERVATION-RECREATION



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REGISTRATION & SIGNATURE



DATE:
3/10/2023

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REVISIONS

No.	Date	Description

SHEET TITLE:

LANDSCAPE PLANTING PLAN

SHEET NUMBER:

L-203

MATCH LINE SEE SHEET L-203

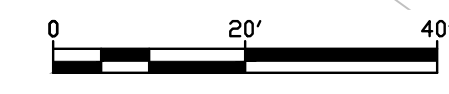
MATCH LINE SEE BELOW

SIR FRANCIS DRAKE BLVD

SIR FRANCIS DRAKE BLVD

WOLFE GRADE AVE
BACHTS ELEMENTARY SCHOOL DISTRICT

SCALE: 1"=20'-0"



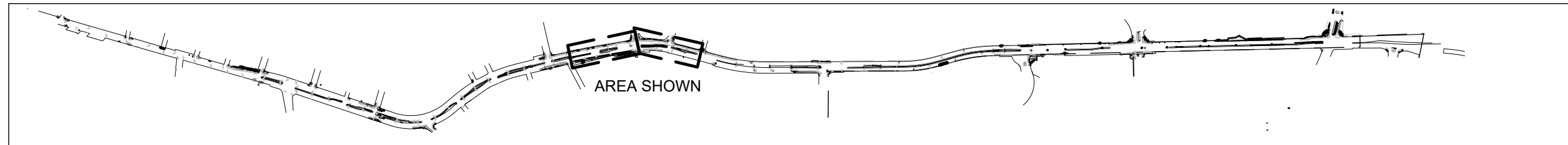
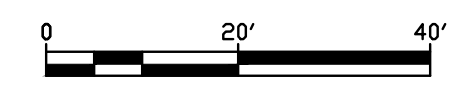
MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET L-205

SIR FRANCIS DRAKE BLVD

SIR FRANCIS DRAKE BLVD

SCALE: 1"=20'-0"



KEY MAP
SCALE: 1"=100'

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



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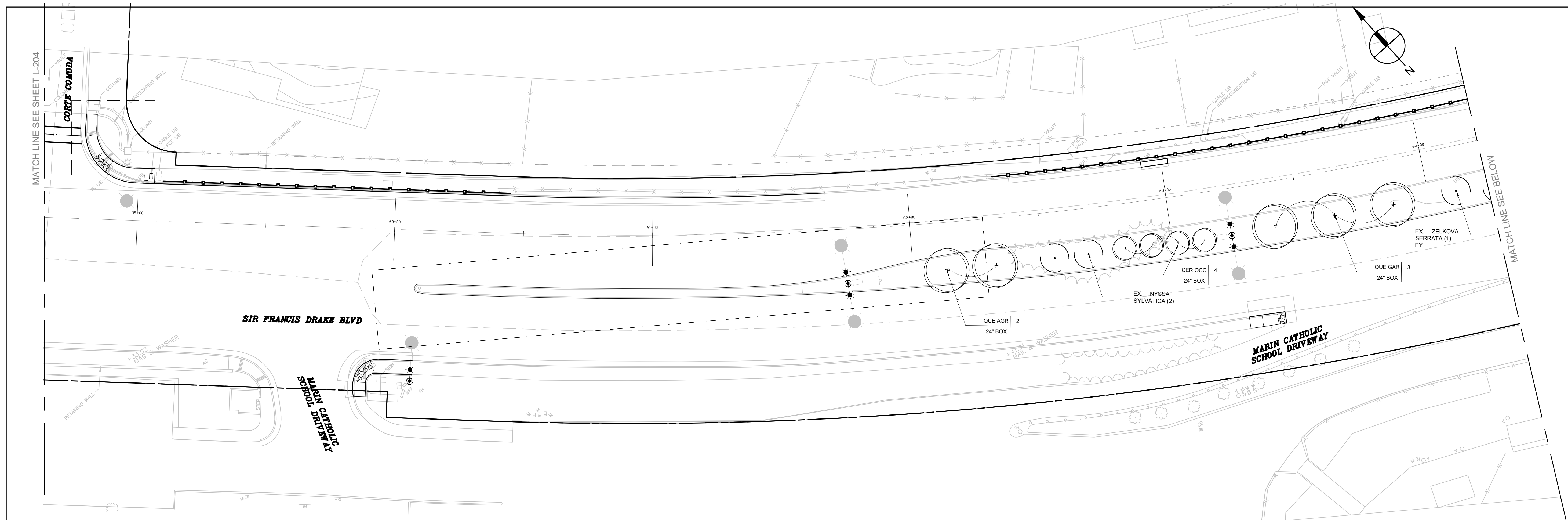
DATE:
3/10/2023

SUBMITTAL:
DRAFT

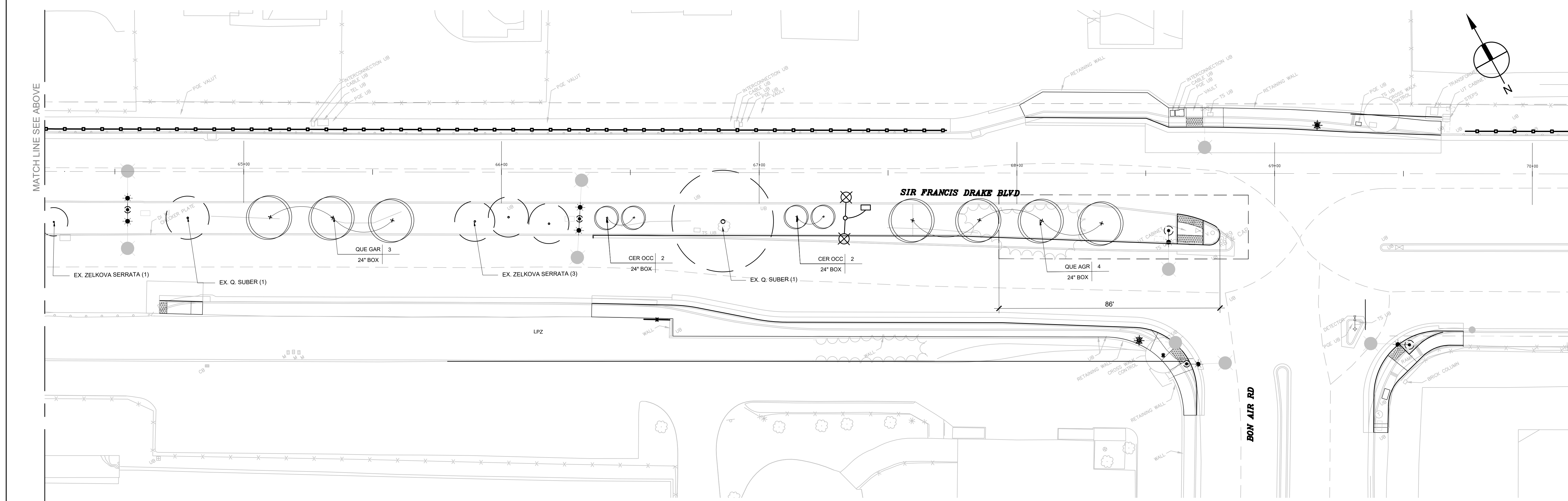
REVISIONS	No.	Date	Description

SHEET TITLE:
LANDSCAPE PLANTING PLAN

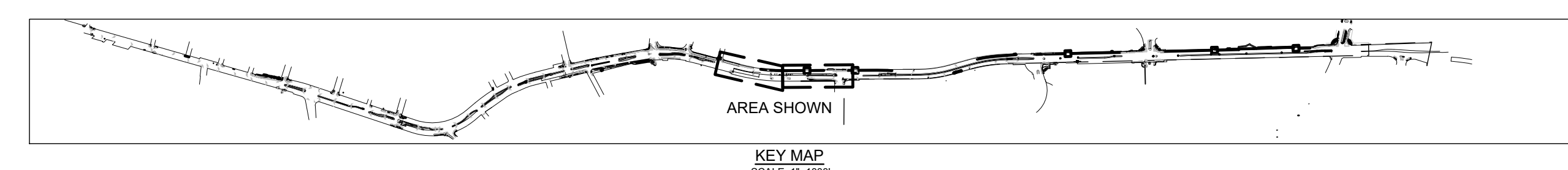
SHEET NUMBER:
L-204



SCALE: 1"=20'-0"



SCALE: 1"=20'-0"



PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



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DATE:
3/10/2023

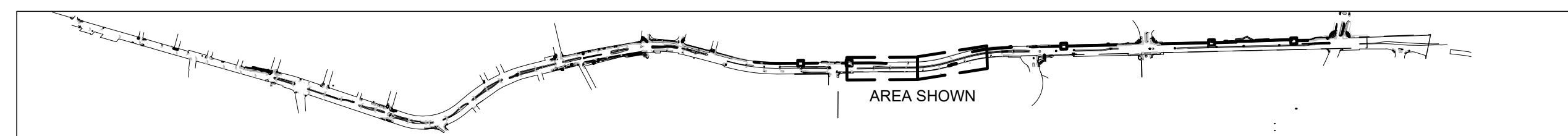
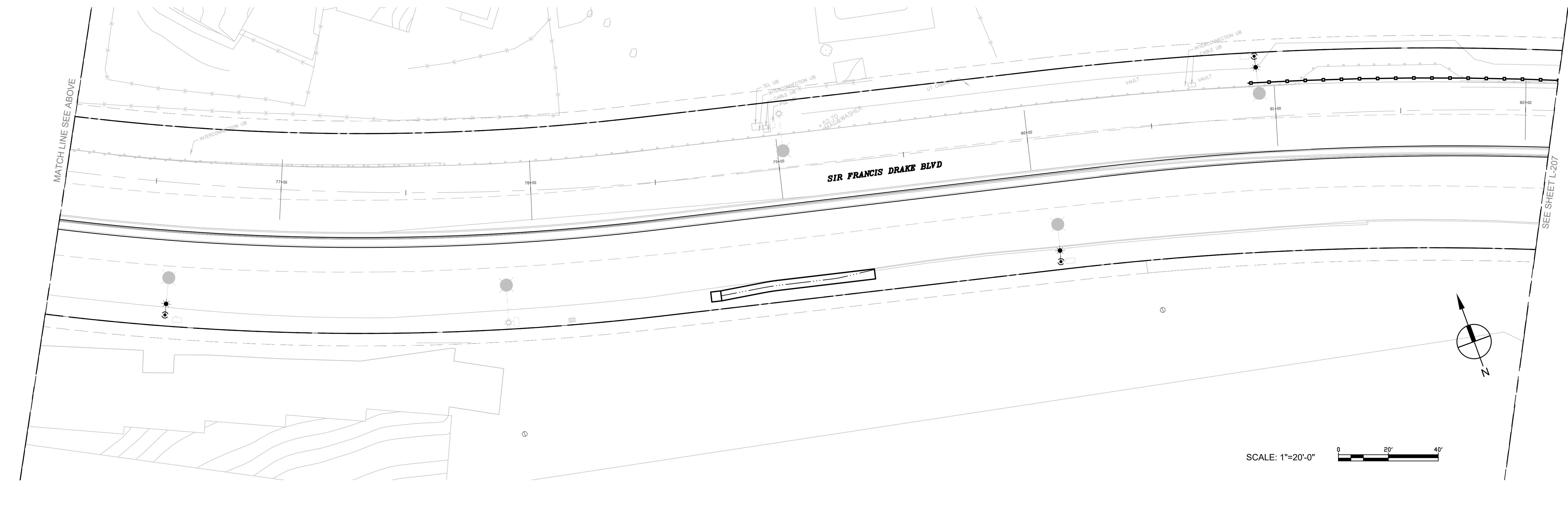
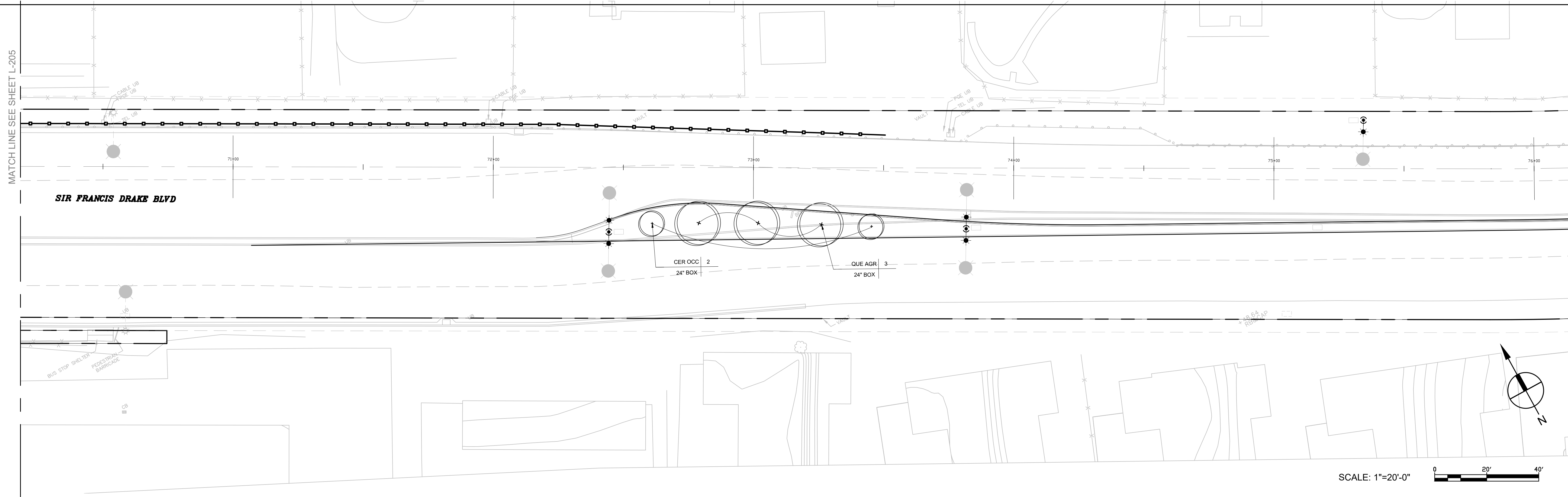
SUBMITTAL:
DRAFT

REVISIONS

No.	Date	Description

SHEET TITLE:
LANDSCAPE PLANTING PLAN

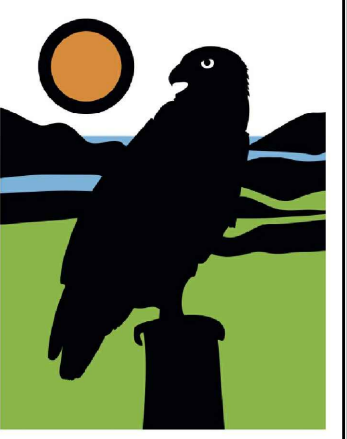
SHEET NUMBER:
L-205



KEY MAP
SCALE: 1"=1000'

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



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DATE:
3/10/2023

SUBMITTAL:

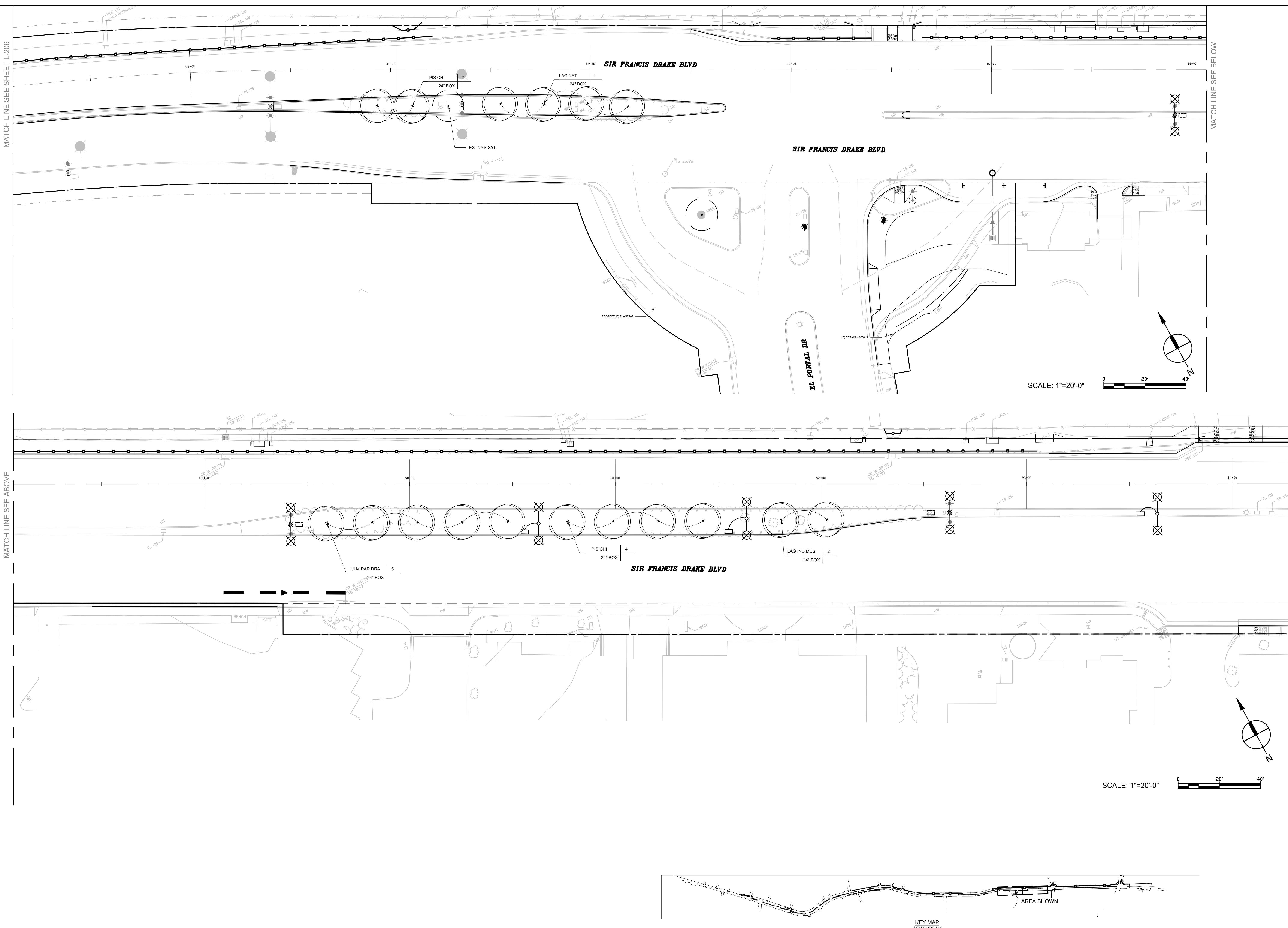
DRAFT

REVISIONS

No.	Date	Description

SHEET TITLE:
LANDSCAPE PLANTING PLAN

SHEET NUMBER:
L-206



MATCH LINE SEE SHEET L-206

MATCH LINE SEE BELOW

MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET L-208

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



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 415.575.6722
 fax 415.436.9537



REGISTRATION & SIGNATURE
 DATE: 3/10/2023

SUBMITTAL:

DRAFT

REVISIONS

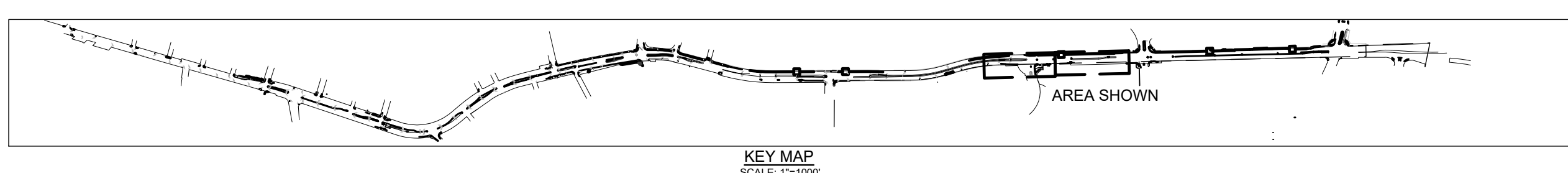
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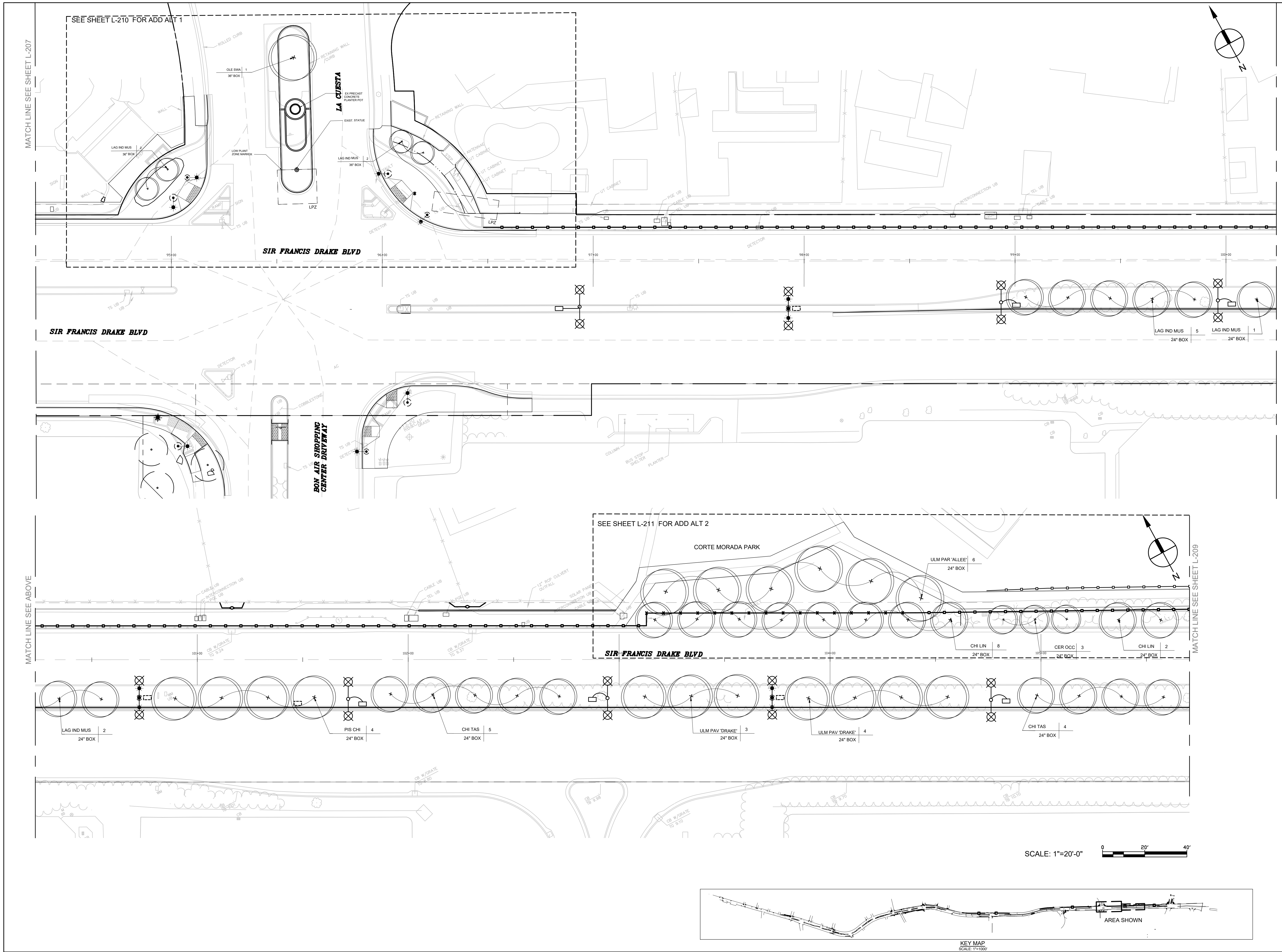
SHEET TITLE:

LANDSCAPE PLANTING PLAN

SHEET NUMBER:

L-207





PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



CONTACT:
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 FAX 415.436.9537



DATE:
 3/10/2023

SUBMITTAL:
DRAFT

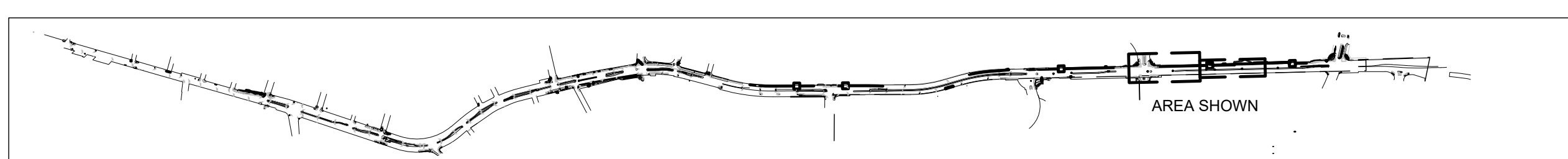
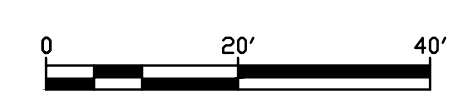
REVISIONS

No.	Date	Description

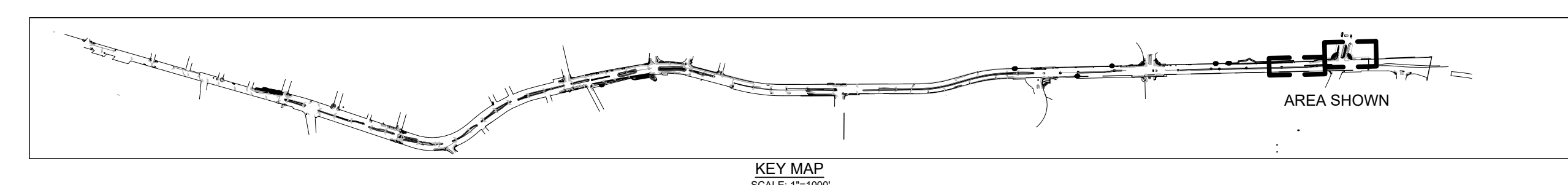
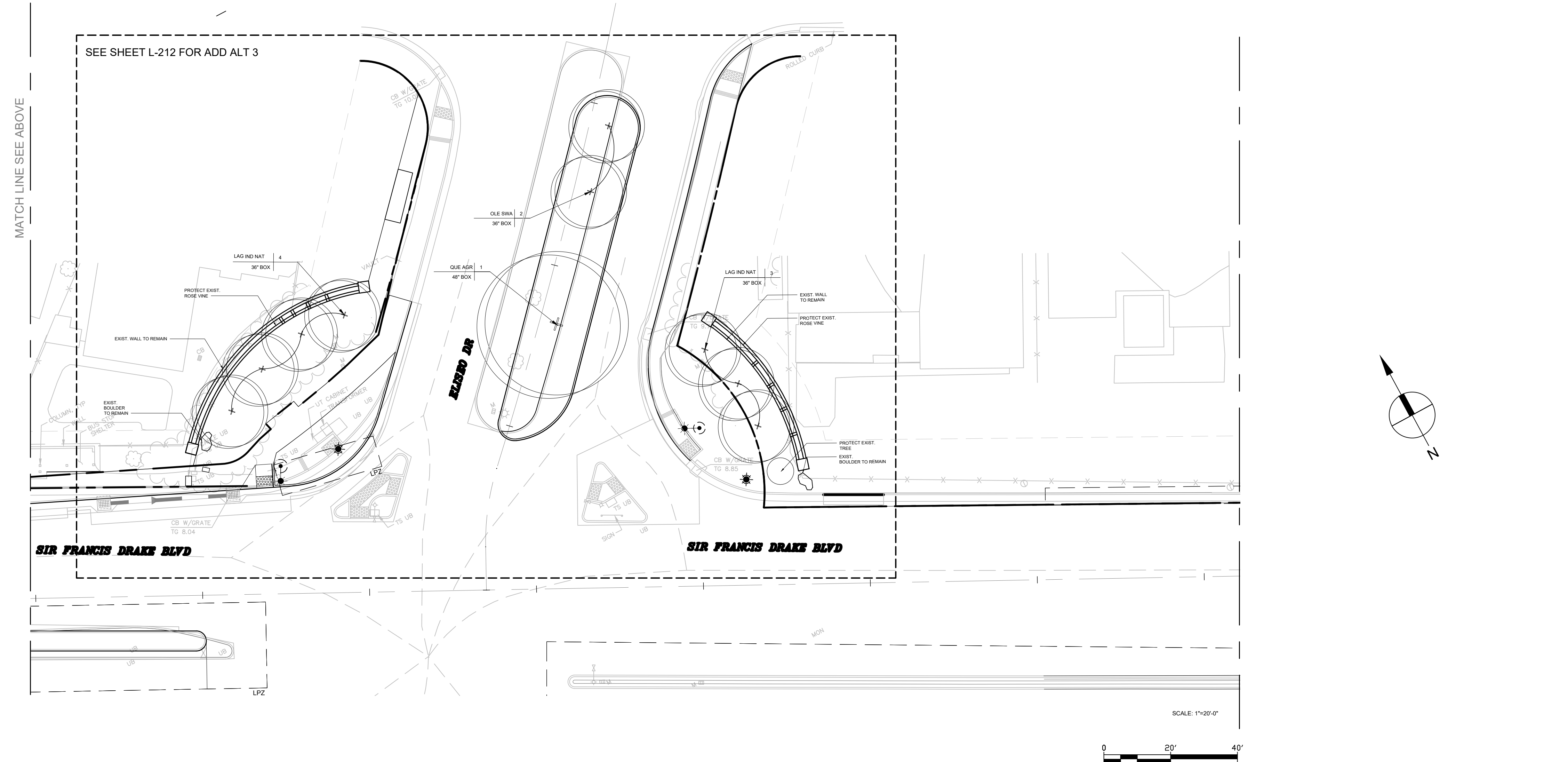
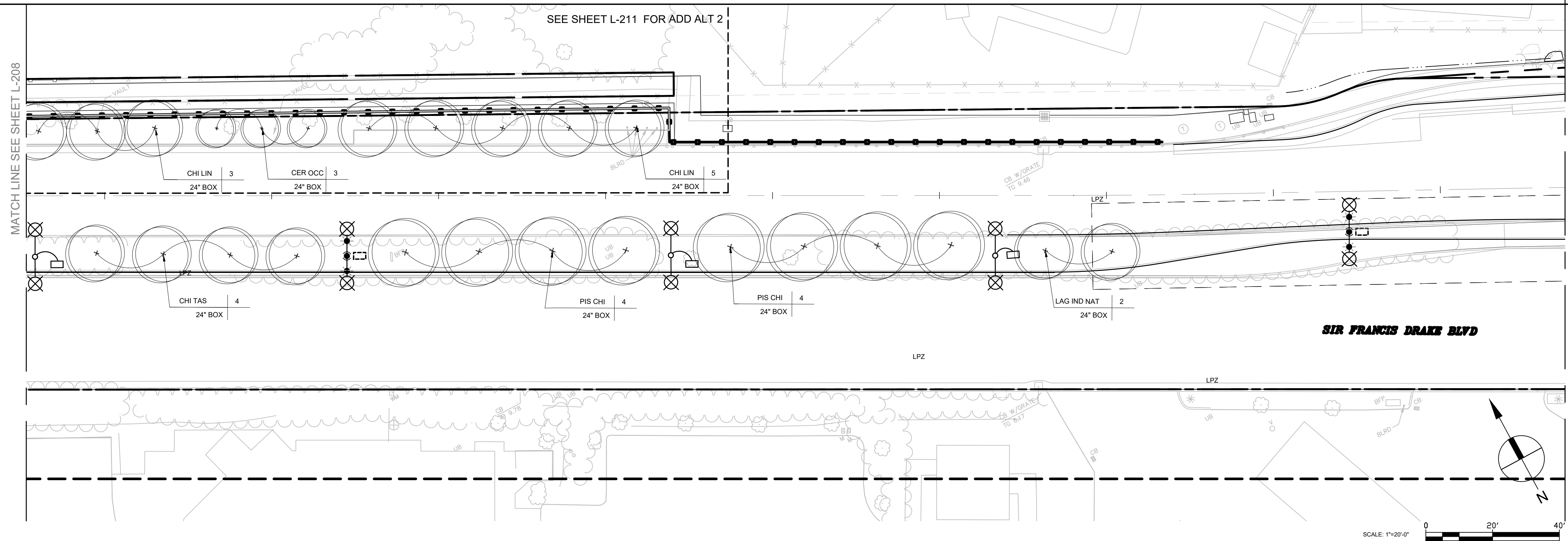
SHEET TITLE:
 LANDSCAPE PLANTING PLAN

SHEET NUMBER:
L-208

SCALE: 1"=20'-0"



KEY MAP
 SCALE: 1"=100'



PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



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San Francisco, CA 94103 fax 415.436.9537



DATE:
3/10/2023

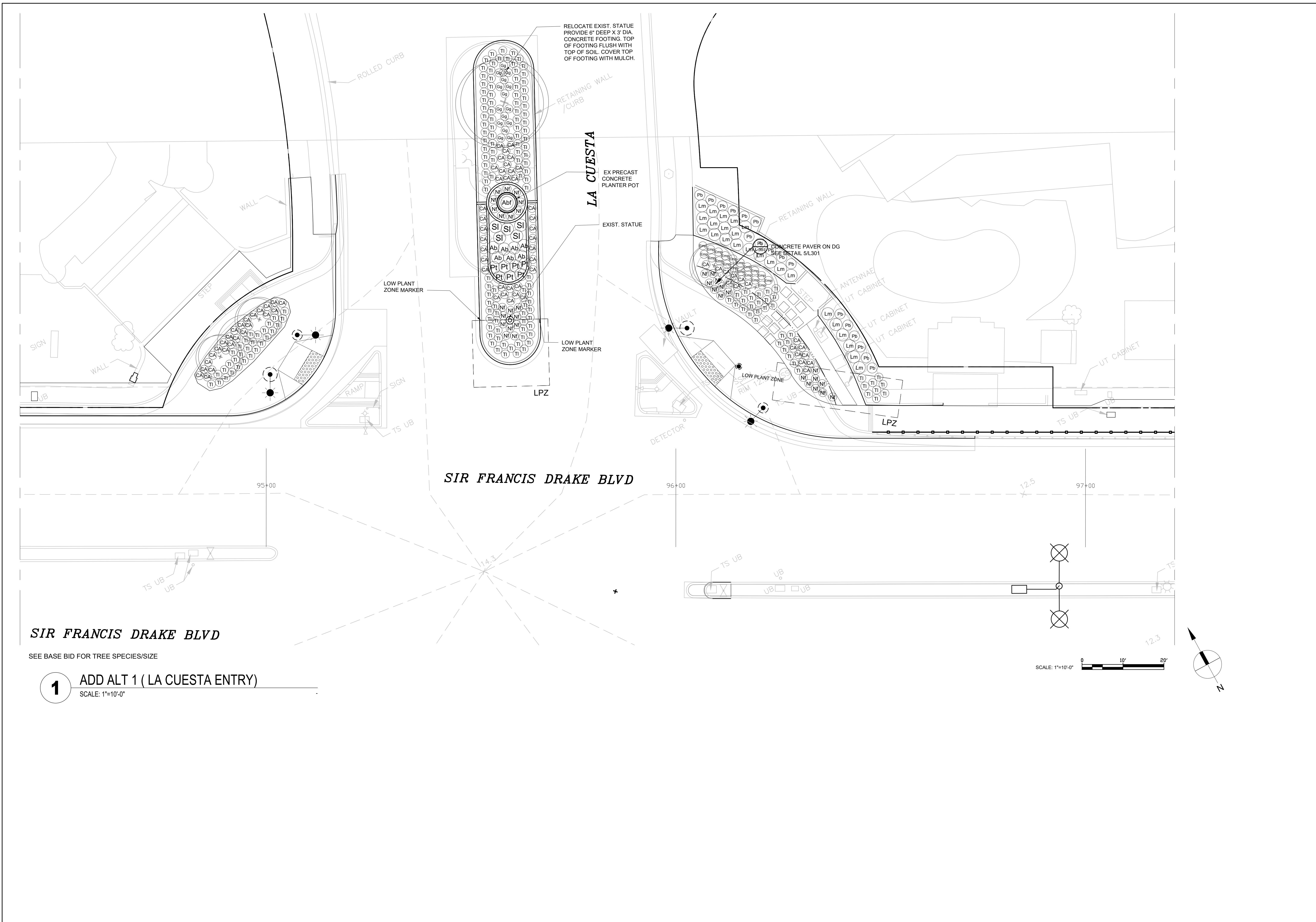
SUBMITTAL:
BID SET

REVISIONS

No.	Date	Description

SHEET TITLE:
LANDSCAPE PLANTING PLAN

SHEET NUMBER:
L-209



PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

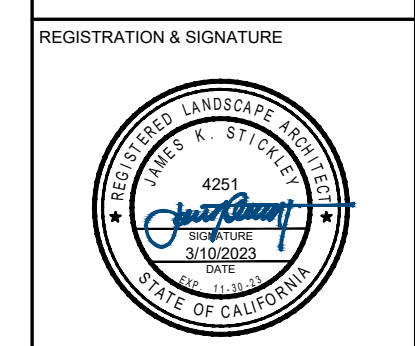
PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



CONTACT:
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 San Francisco, CA 94103 fax 415.436.9837



REGISTRATION & SIGNATURE
 DATE:
 3/10/2023

SUBMITAL:
DRAFT

REVISIONS

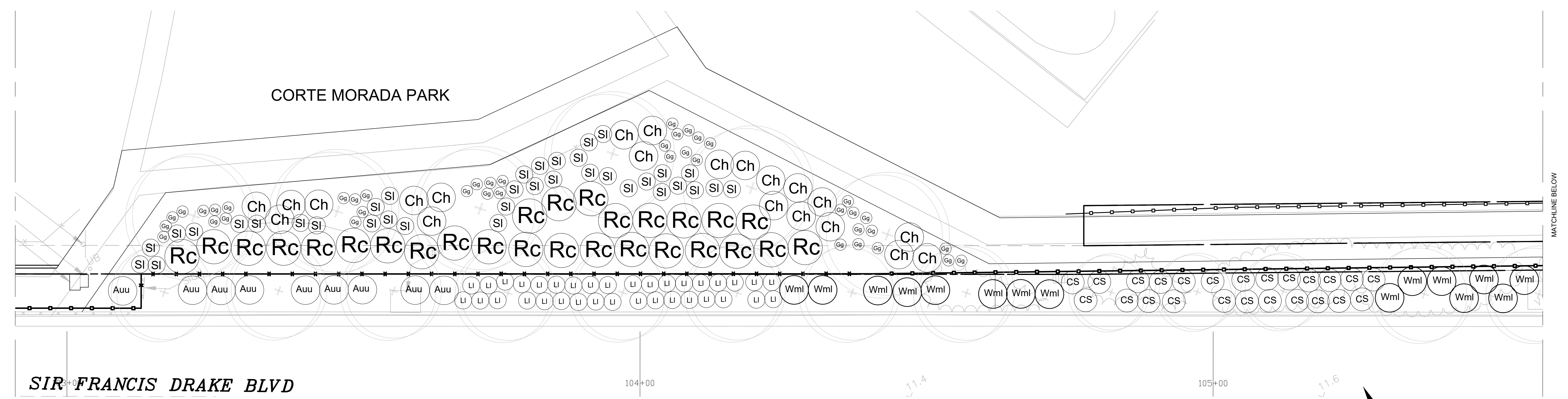
No.	Date	Description

SHEET TITLE:
 LA CUESTA ENTRY ADD ALT SCOPE
 SHEET NUMBER:
L-210



REVISIONS:

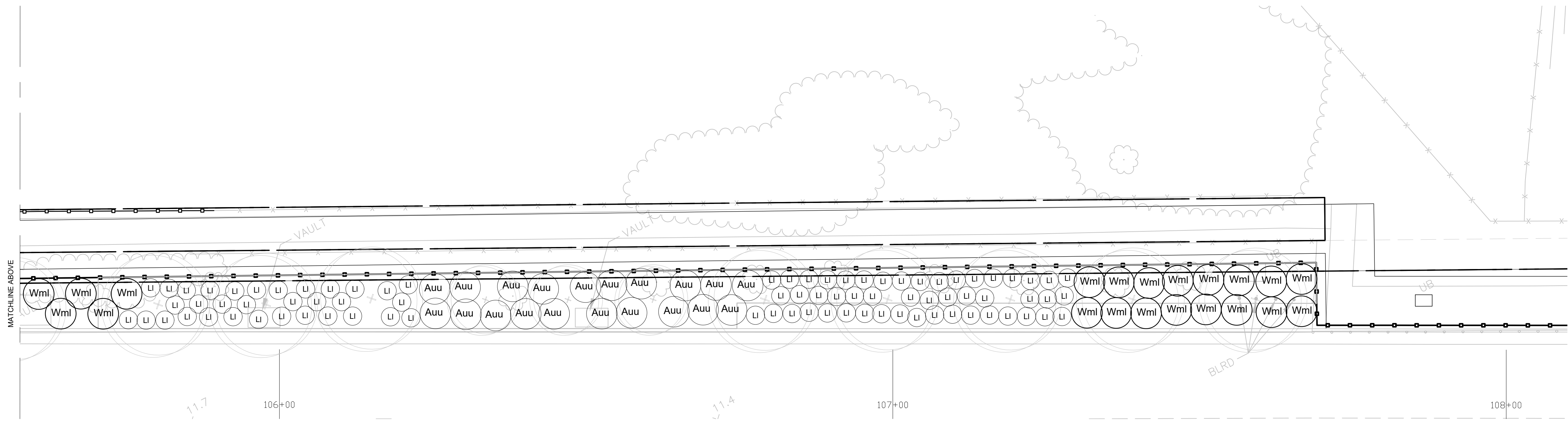
No.	Date	Description



SIR FRANCIS DRAKE BLVD

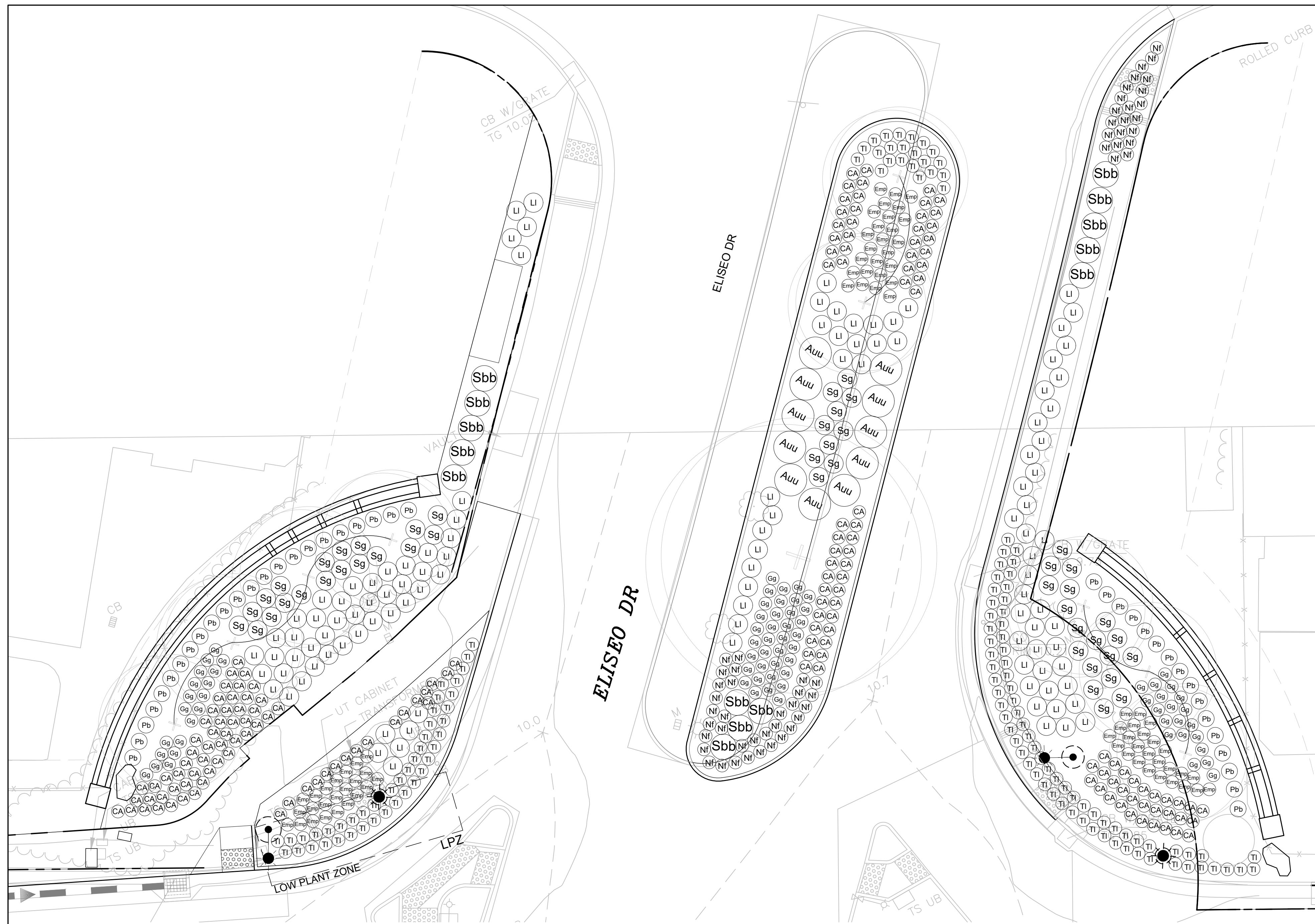
SEE BASE BID FOR TREE SPECIES/SIZE

1 ADD ALT 2 (CORTE MORADA PARK)
 SCALE: 1"=10'-0"



SEE BASE BID FOR TREE SPECIES/SIZE

2 ADD ALT 2 (CORTE MORADA PARK)
 SCALE: 1"=10'-0"



SEE BASE BID FOR TREE SPECIES/SIZE

1 ADD ALT 3 (ELISEO ENTRY)
SCALE: 1"=10'-0"

SCALE: 1"=10'-0"
0 10' 20'

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



CONTACT:
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REGISTRATION & SIGNATURE



DATE:
3/10/2023

SUBMITAL:

DRAFT

REVISIONS

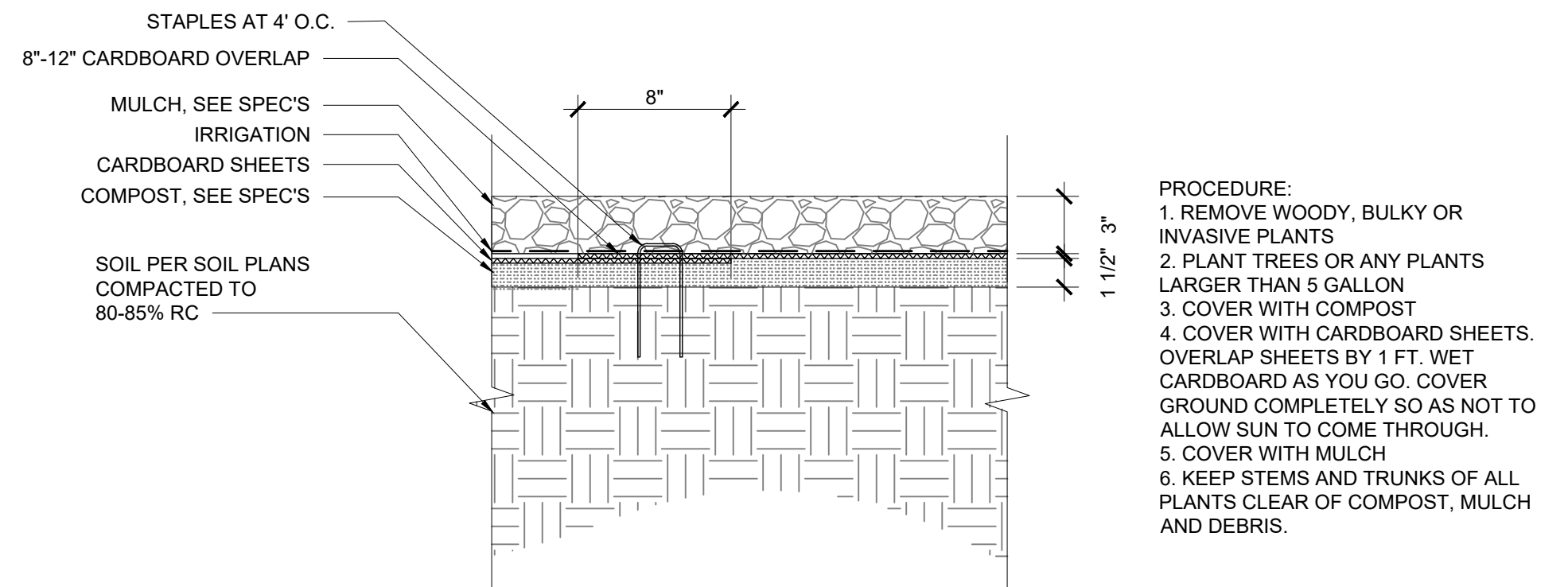
No.	Date	Description

SHEET TITLE:

ELISEO ENTRY
ADD ALT SCOPE

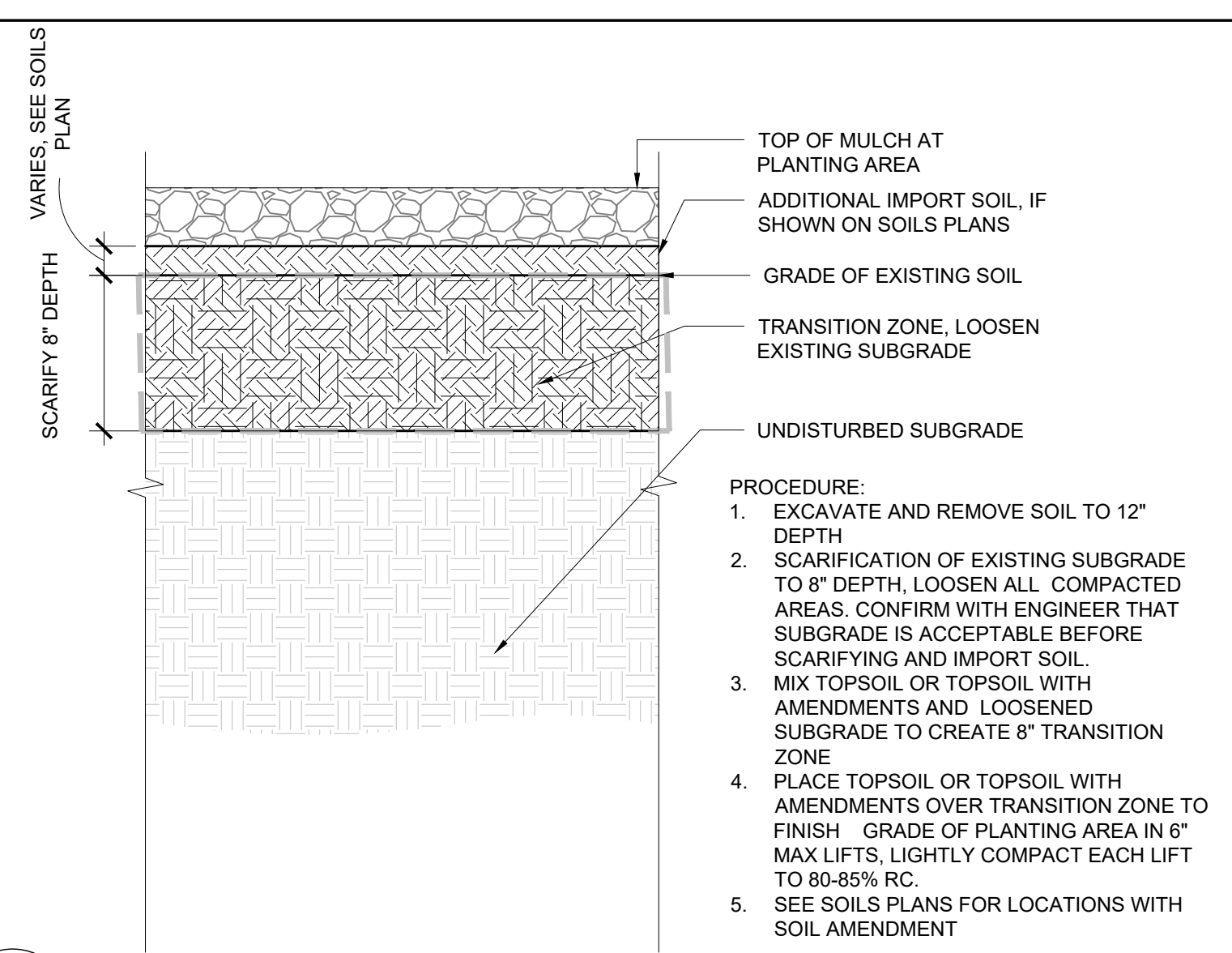
SHEET NUMBER:

L-212



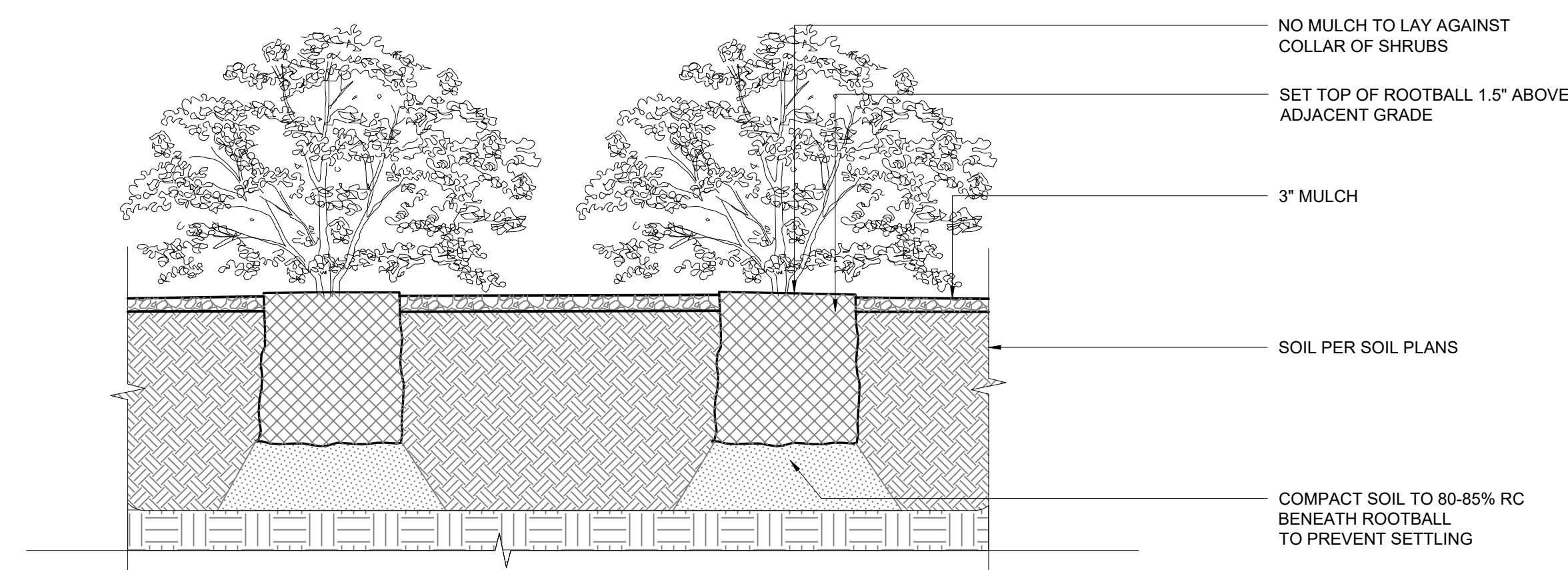
1 SHEET MULCH DETAIL
SCALE: 1" = 1'-0"

- PROCEDURE:
 1. REMOVE WOODY, BULKY OR INVASIVE PLANTS
 2. PLANT TREES OR ANY PLANTS LARGER THAN 5 GALLON
 3. COVER WITH COMPOST
 4. COVER WITH CARDBOARD SHEETS. OVERLAP SHEETS BY 1 FT. WET CARDBOARD AS YOU GO. COVER GROUND COMPLETELY SO AS NOT TO ALLOW SUN TO COME THROUGH.
 5. COVER WITH MULCH
 6. KEEP STEMS AND TRUNKS OF ALL PLANTS CLEAR OF COMPOST, MULCH AND DEBRIS.

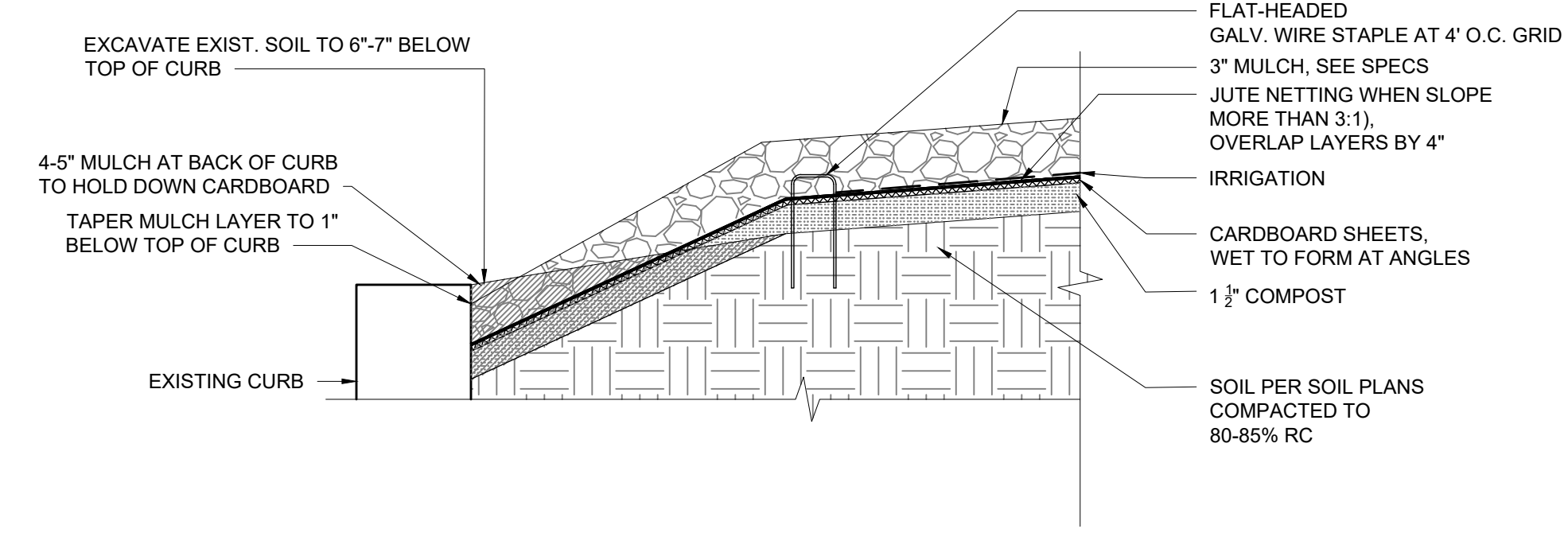


9 IMPORT TOP SOIL
SCALE: 1 1/2" = 1'-0"

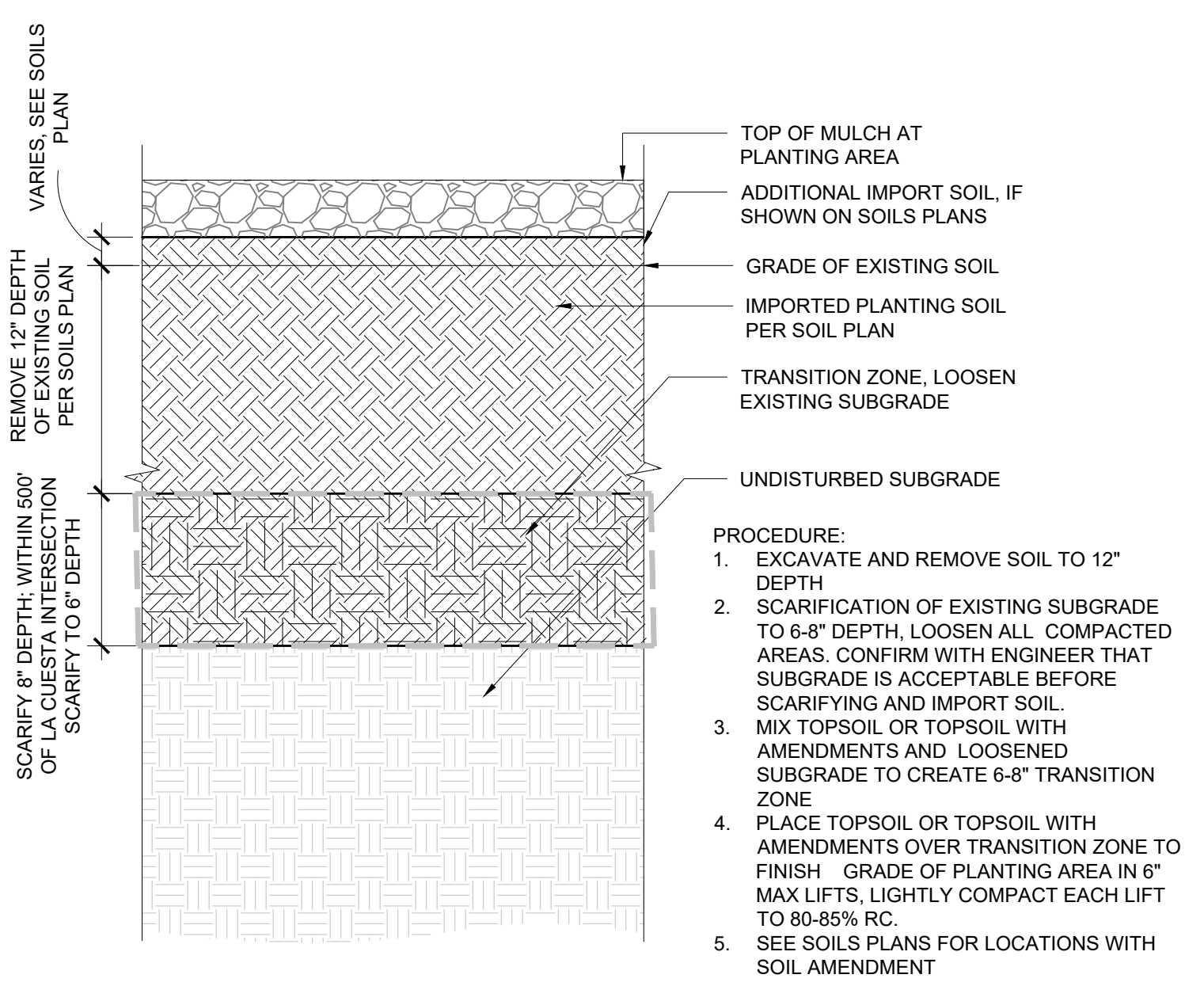
- PROCEDURE:
 1. EXCAVATE AND REMOVE SOIL TO 12" DEPTH
 2. SCARIFICATION OF EXISTING SUBGRADE TO 8" DEPTH. LOOSEN ALL COMPACTED AREAS. CONFIRM WITH ENGINEER THAT SUBGRADE IS ACCEPTABLE BEFORE SCARIFYING AND IMPORT SOIL.
 3. MIX TOPSOIL OR TOPSOIL WITH AMENDMENTS AND LOOSENED SUBGRADE TO CREATE 8" TRANSITION ZONE
 4. PLACE TOPSOIL OR TOPSOIL WITH AMENDMENTS OVER TRANSITION ZONE TO FINISH GRADE OF PLANTING AREA IN 6" MAX LIFTS, LIGHTLY COMPACT EACH LIFT TO 80-85% RC.
 5. SEE SOILS PLANS FOR LOCATIONS WITH SOIL AMENDMENT



2 SHRUB PLANTING IN IMPORT SOIL AREAS (ADD ALT SCOPE)
SCALE: 1" = 1'-0"

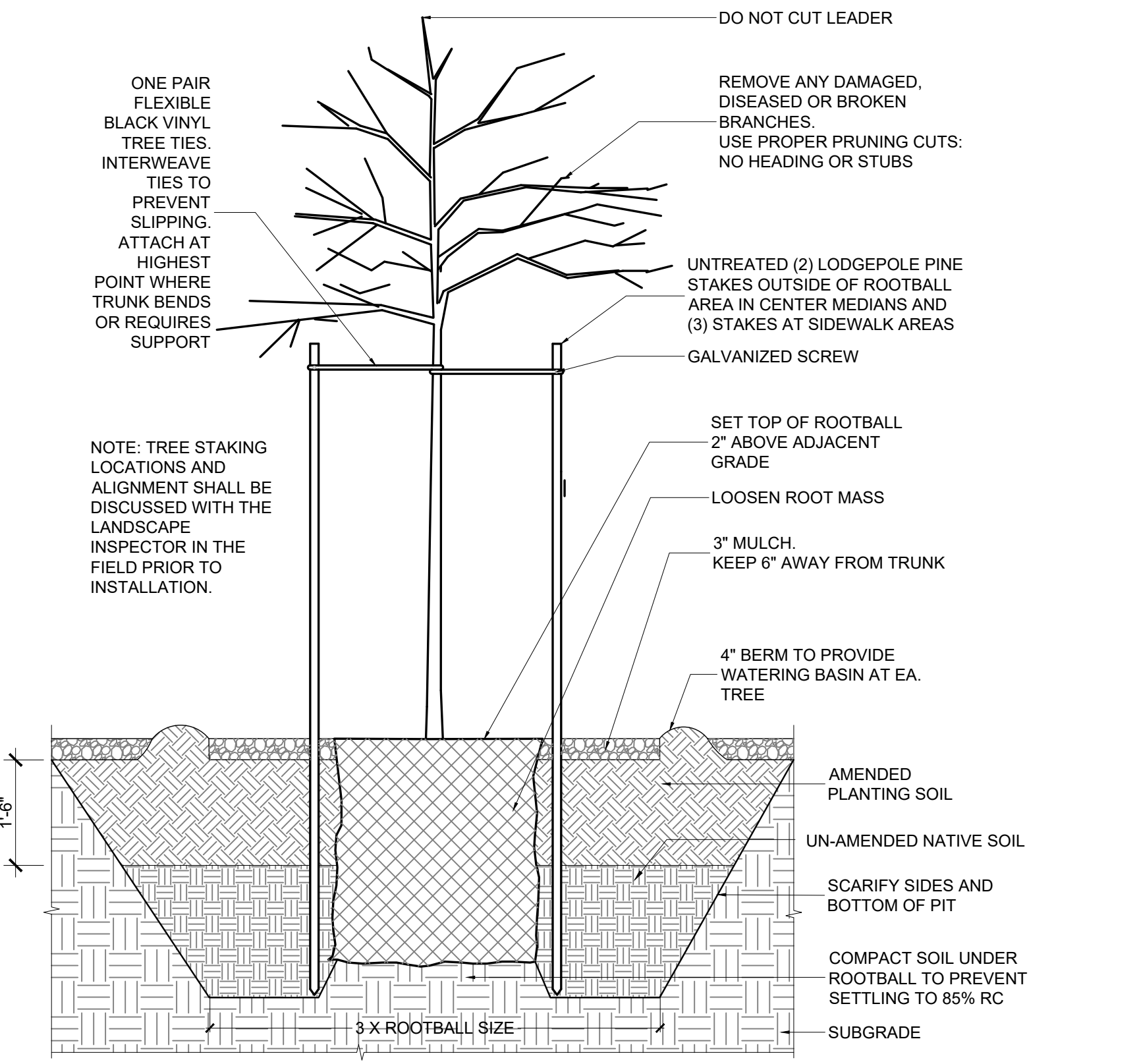


3 SHEET MULCH DETAIL AT MEDIANS WITH MOUNDED SOIL
SCALE: 1" = 1'-0"

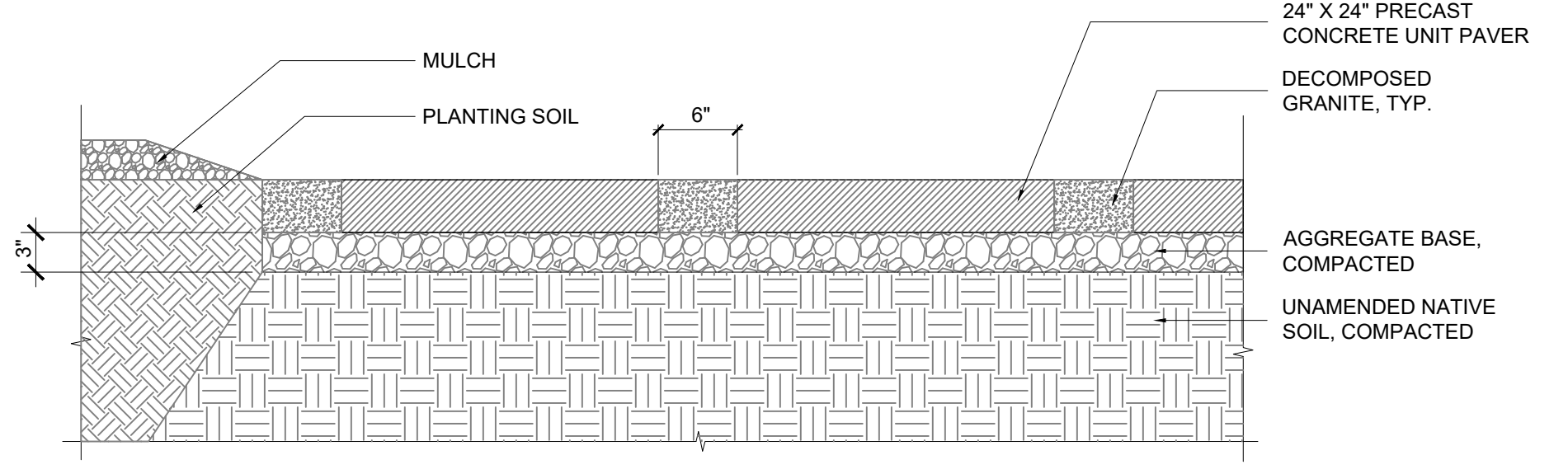


4 EXISTING SOIL REMOVAL WITH IMPORT TOP SOIL
SCALE: 1 1/2" = 1'-0"

- PROCEDURE:
 1. EXCAVATE AND REMOVE SOIL TO 12" DEPTH
 2. SCARIFICATION OF EXISTING SUBGRADE TO 8-8" DEPTH. LOOSEN ALL COMPACTED AREAS. CONFIRM WITH ENGINEER THAT SUBGRADE IS ACCEPTABLE BEFORE SCARIFYING AND IMPORT SOIL.
 3. MIX TOPSOIL OR TOPSOIL WITH AMENDMENTS AND LOOSENED SUBGRADE TO CREATE 6-8" TRANSITION ZONE
 4. PLACE TOPSOIL OR TOPSOIL WITH AMENDMENTS OVER TRANSITION ZONE TO FINISH GRADE OF PLANTING AREA IN 6" MAX LIFTS, LIGHTLY COMPACT EACH LIFT TO 80-85% RC.
 5. SEE SOILS PLANS FOR LOCATIONS WITH SOIL AMENDMENT

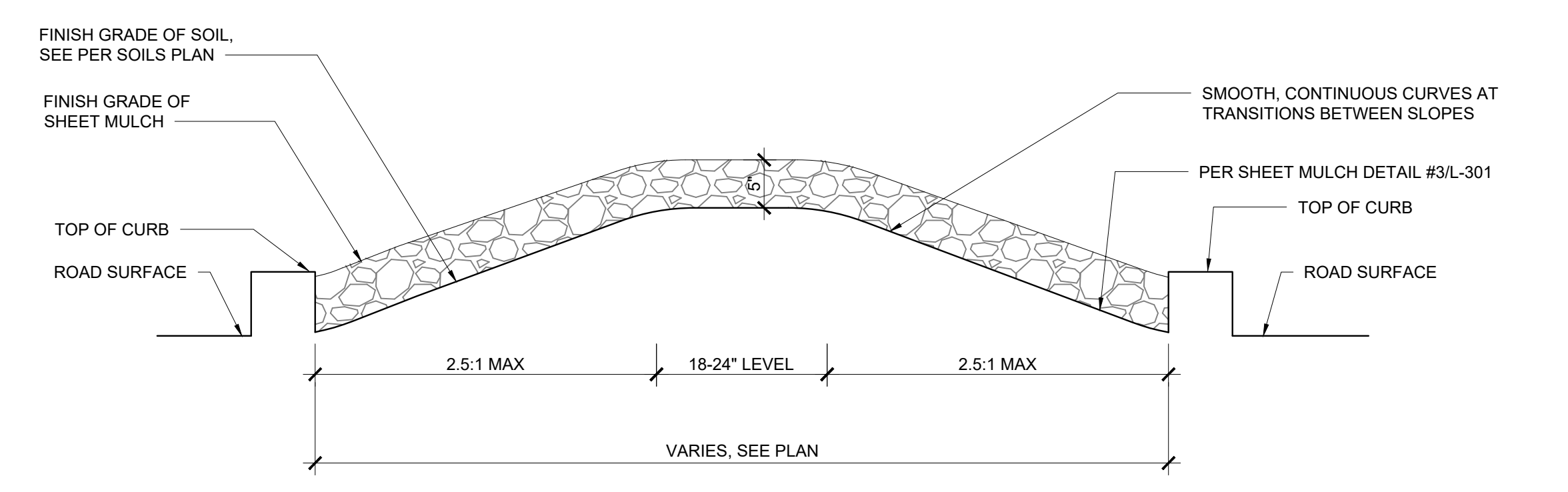


6 TREE PLANTING
SCALE: 1" = 1'-0"

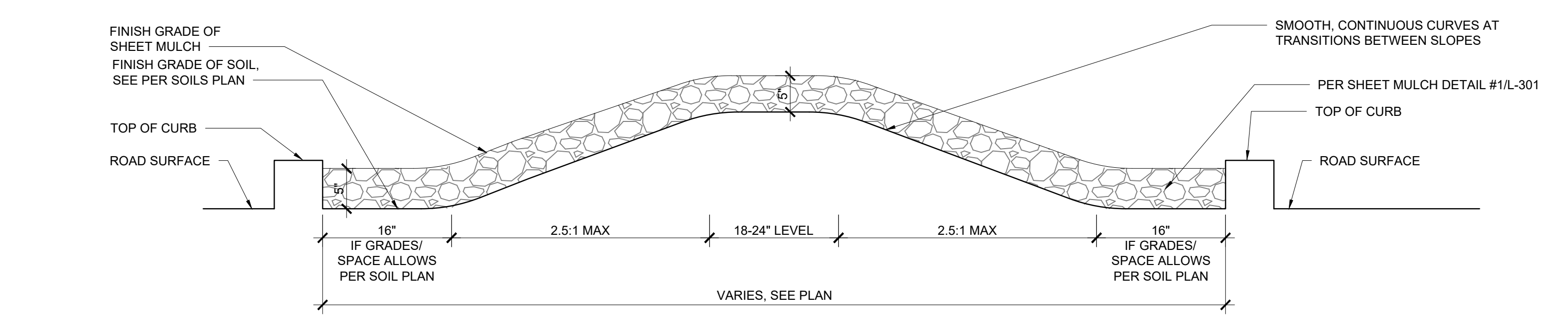


5 CONCRETE PAVER ON DG (ADD ALT #1 SCOPE)
SCALE: 1" = 1'-0"

- NOTES:
 1. CONFIRM PROPOSED GRADES/DIMENSIONS IN THE FIELD WITH ENGINEER PRIOR TO WORK. VERIFY LOCATION AND ELEVATIONS OF ANY UTILITY VAULTS AND OTHER ELEMENTS AND REPORT ANY CONFLICTS TO ENGINEER PRIOR TO WORK.
 2. FINISH GRADES SHOWN ARE AFTER AMENDMENT AND COMPACTION TO 80%-85% R.C.
 3. FEATHER OUT GRADE AT NOSINGS AND ALL LOW PLANT ZONES TO MAINTAIN FLATTER GRADES TO ALLOW FOR SITE LINES TO BE MAINTAINED. SEE PLANTING PLANS FOR EXTENT OF LOW PLANT ZONES



8 TYPICAL MEDIAN LESS THAN 10' WIDE BERM SECTION AT AREAS OUTSIDE LOW PLANT ZONE
NTS



7 TYPICAL MEDIAN MORE THAN 10' WIDE BERM SECTION AT AREAS OUTSIDE LOW PLANT ZONE
NTS

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



CONTACT:
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 fax: 415.436.9837



DATE:
 3/10/2023

SUBMITTAL:
DRAFT

REVISIONS

No.	Date	Description

SHEET TITLE:
 LANDSCAPE PLANTING DETAILS
 SHEET NUMBER:
L-301

IRRIGATION CONTROLLER "A". MOUNT ON PEDESTAL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ENGINEER. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE AT NEAREST LIGHTPOLE PULL BOX. INSTALL APPROXIMATELY 40 FT OF NEW CONDUIT AND WIRES TO PROVIDE 120V SERVICE TO CONTROLLER. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.

CONNECT TO EXISTING BACKFLOW

MAPLE AVE

ELM AVE

EX.SL.

EX.SL.

2" EX.SL. BALL VALVE, 2 (1 CONTROL, 1 COMMON) WIRES AND CAPPED MAIN TO BE INSTALLED WITHIN 10" BOX FOR FUTURE (TYP.)

EX.SL.

EXISTING WATER METER #70945258.

SIR FRANCIS DRAKE BLVD

A-2
1 2

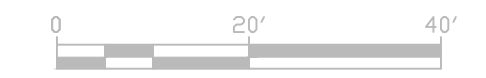
A-1
1 5

A-3
1 5

LOCATE MAIN LINE AND WIRES 18" OFF BACK OF CURB OR WALK WHERE POSSIBLE

COLLEGE OF MARIN DRIVEWAY

SCALE: 1"=20'-0"



MATCH LINE SEE ABOVE

STEVENS AVE

BALL VALVE, 2 (1 CONTROL, 1 COMMON) WIRES AND CAPPED MAIN TO BE INSTALLED WITHIN 10" BOX FOR FUTURE (TYP.)

TERRACE AVE

EX.SL.

SIR FRANCIS DRAKE BLVD

B-1
1 8

MATCH LINE SEE SHEET LI-102

NOTES:

- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
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- UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
- SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

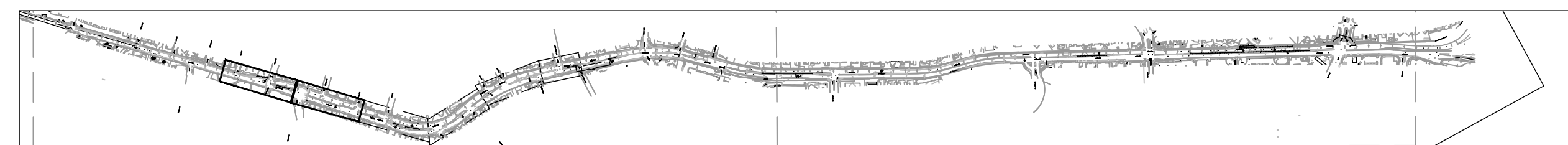
0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM



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Walnut Creek, CA 94597
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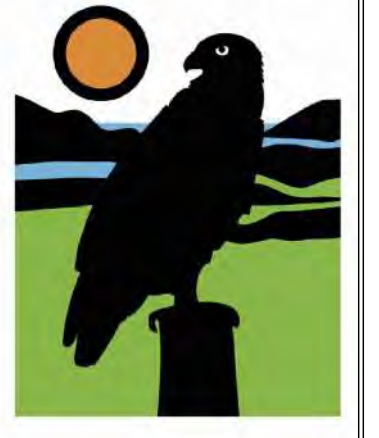
SCALE: 1"=20'-0"



KEY MAP SCALE: 1"=100'

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



CONTACT:
SARAH RICHARDS
MARIN COUNTY PARKS
3501 CIVIC CENTER DRIVE #200
SAN RAFAEL, CA 94903
SRICHARDS@MARINCOUNTY.CA.GOV
(415) 301-1039

Wallace Roberts & Todd, LLC
478 Tahama St #206
San Francisco, CA 94103
415.575.4722
fax 415.436.9837



DATE:
3/10/23

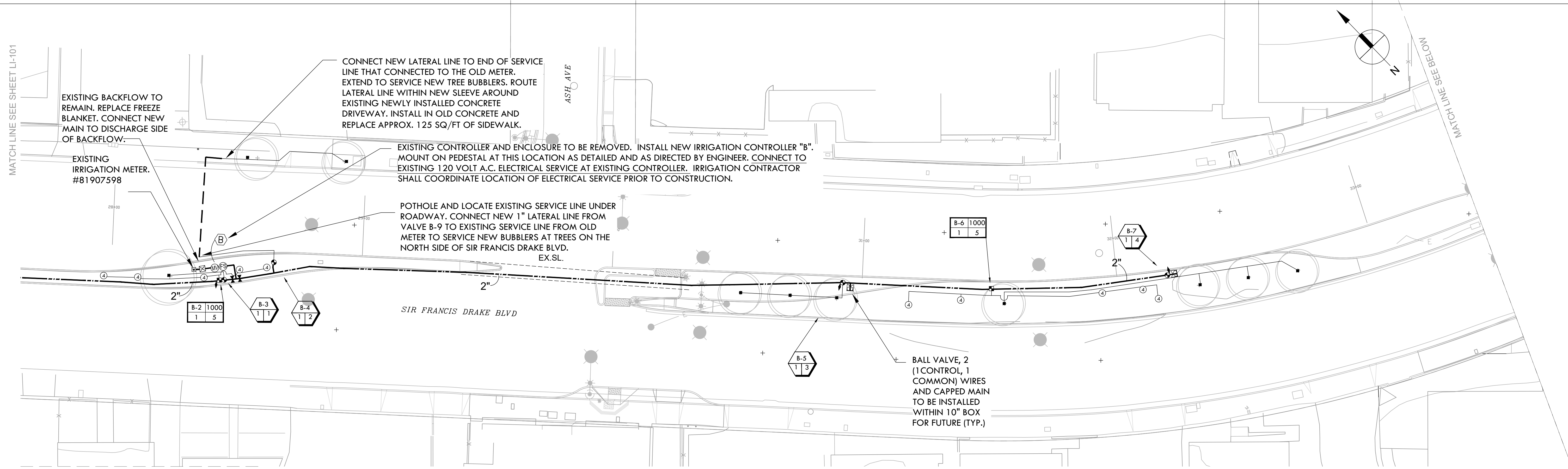
REGISTRATION & SIGNATURE
DRAFT

REVISIONS

No.	Date	Description

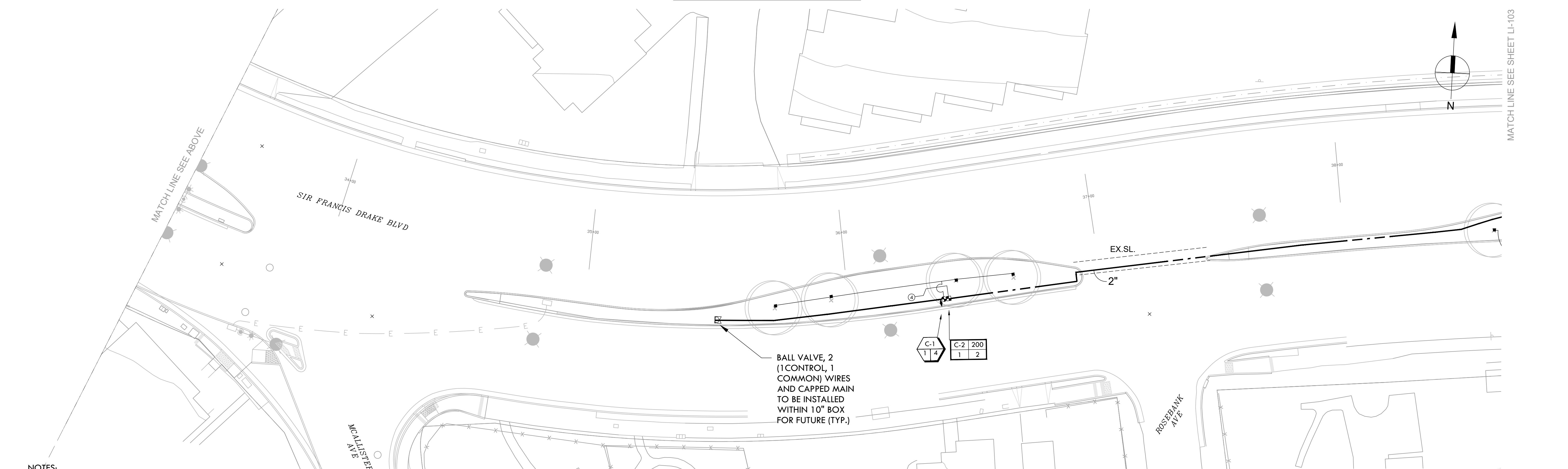
SHEET TITLE:
LANDSCAPE IRRIGATION PLAN

SHEET NUMBER:
LI-101



LOCATE MAIN LINE AND WIRES 18" OFF BACK OF CURB OR WALK WHERE POSSIBLE

SCALE: 1"=20'-0"



SCALE: 1"=20'-0"

- NOTES:
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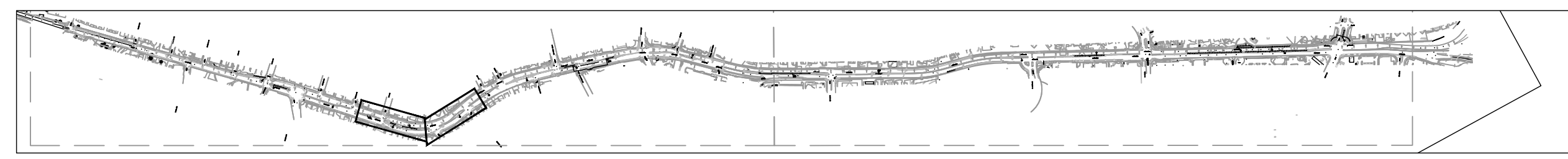
4. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM



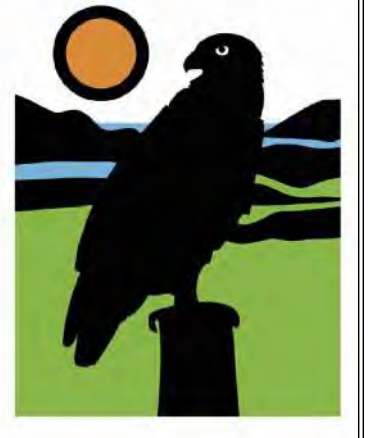
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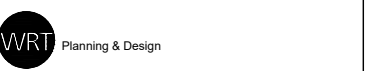
PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
 MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
 PRESERVATION-RECREATION



CONTACT:
 SARAH RICHARDS
 MARIN COUNTY PARKS
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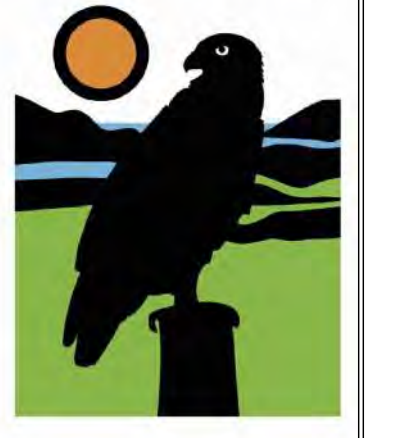
SUBMITTAL:
DRAFT

REVISIONS

No.	Date	Description

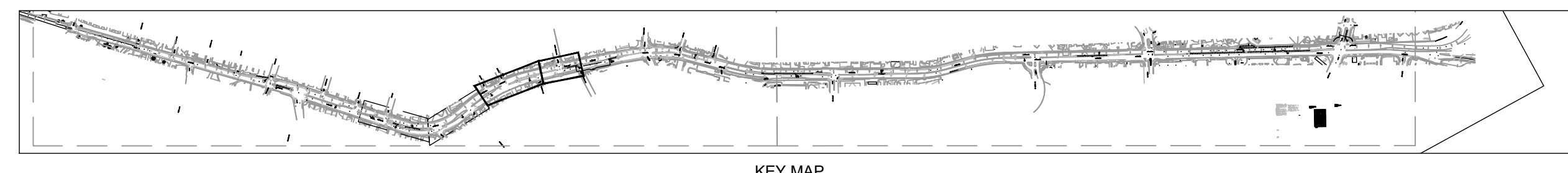
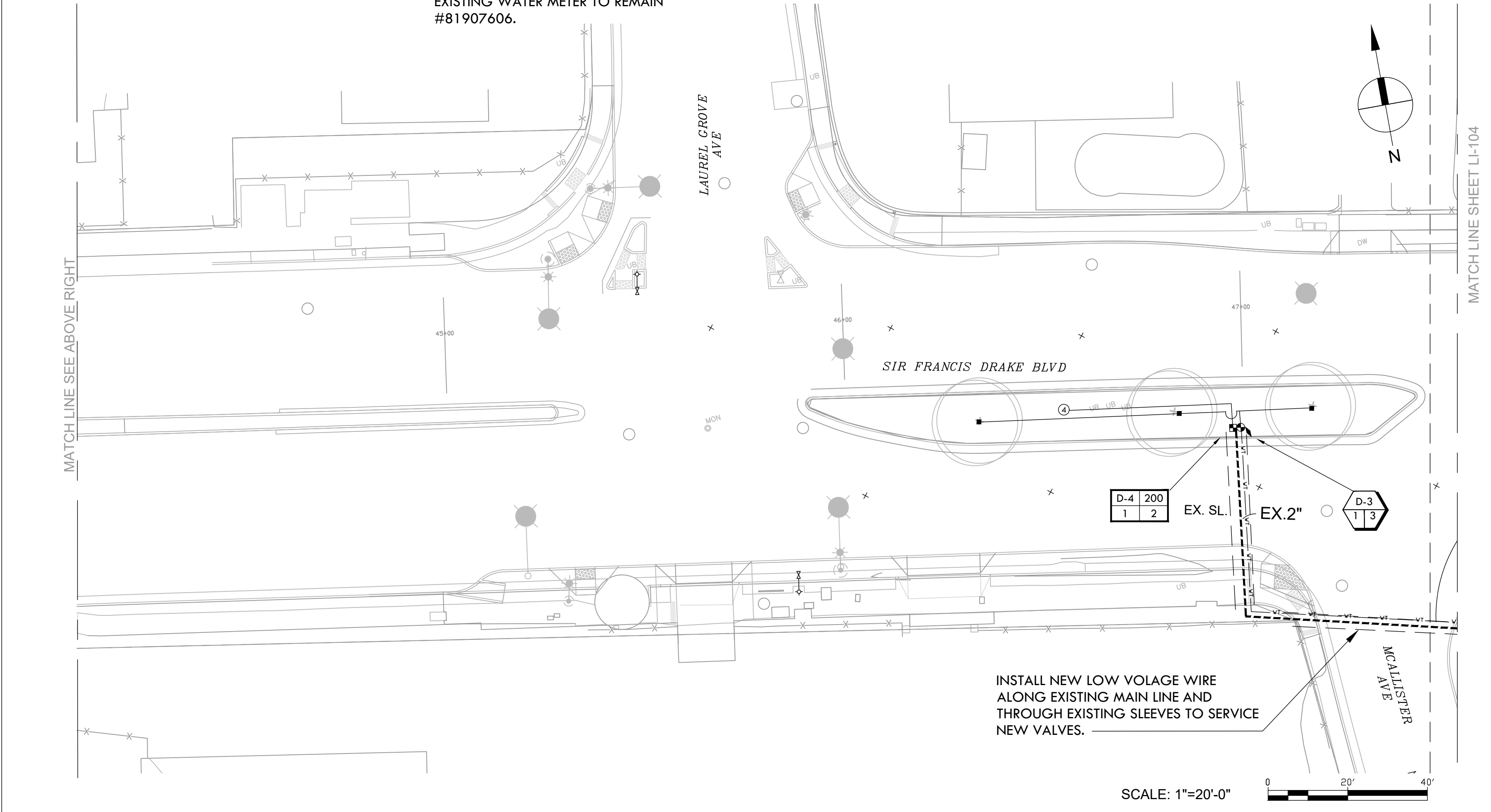
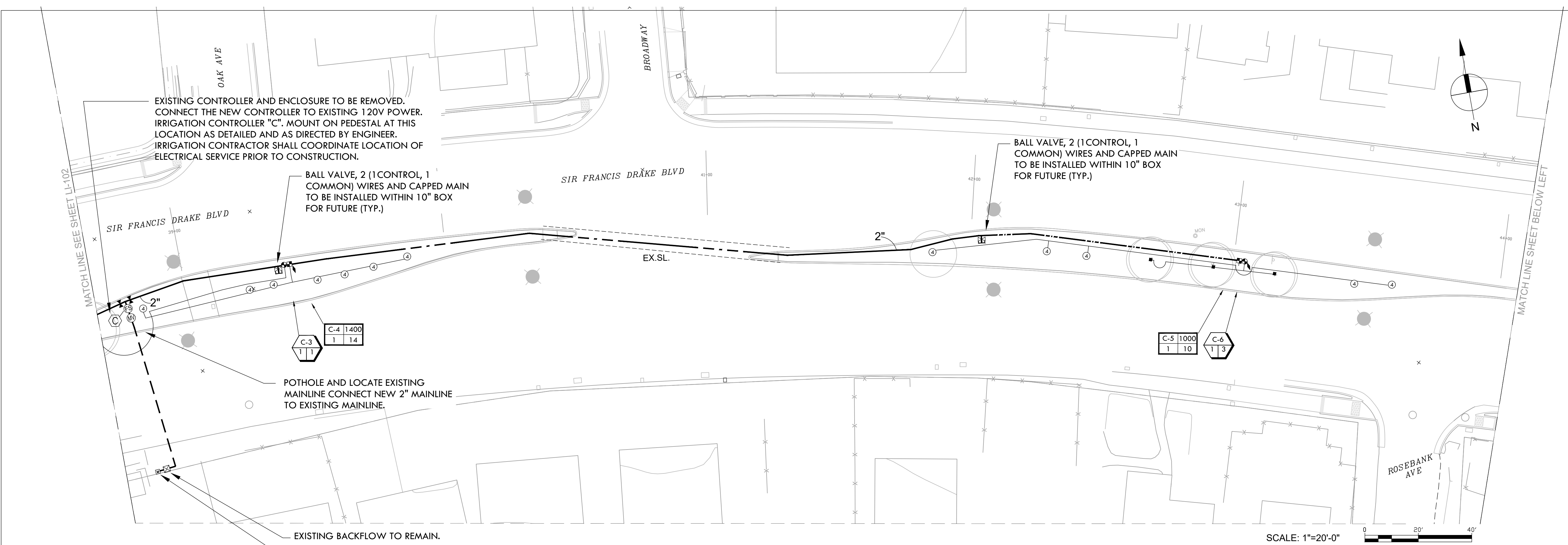
SHEET TITLE:
 LANDSCAPE IRRIGATION PLAN

SHEET NUMBER:
 LI-102



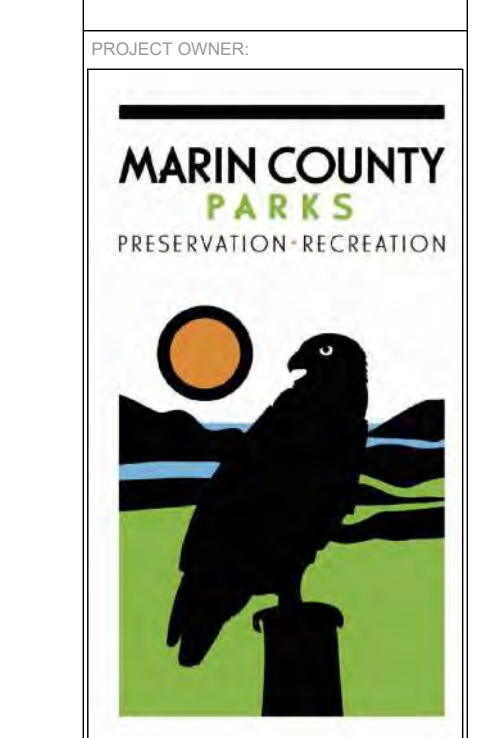
REVISIONS

No.	Date	Description



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DATE: 3/10/23

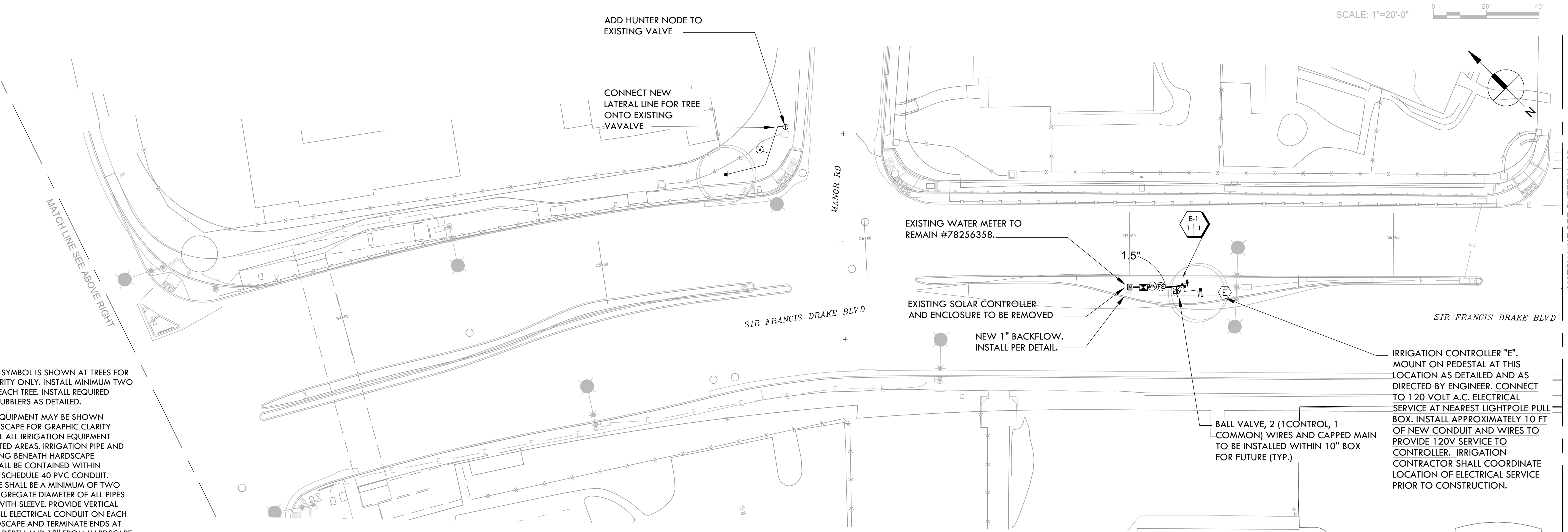
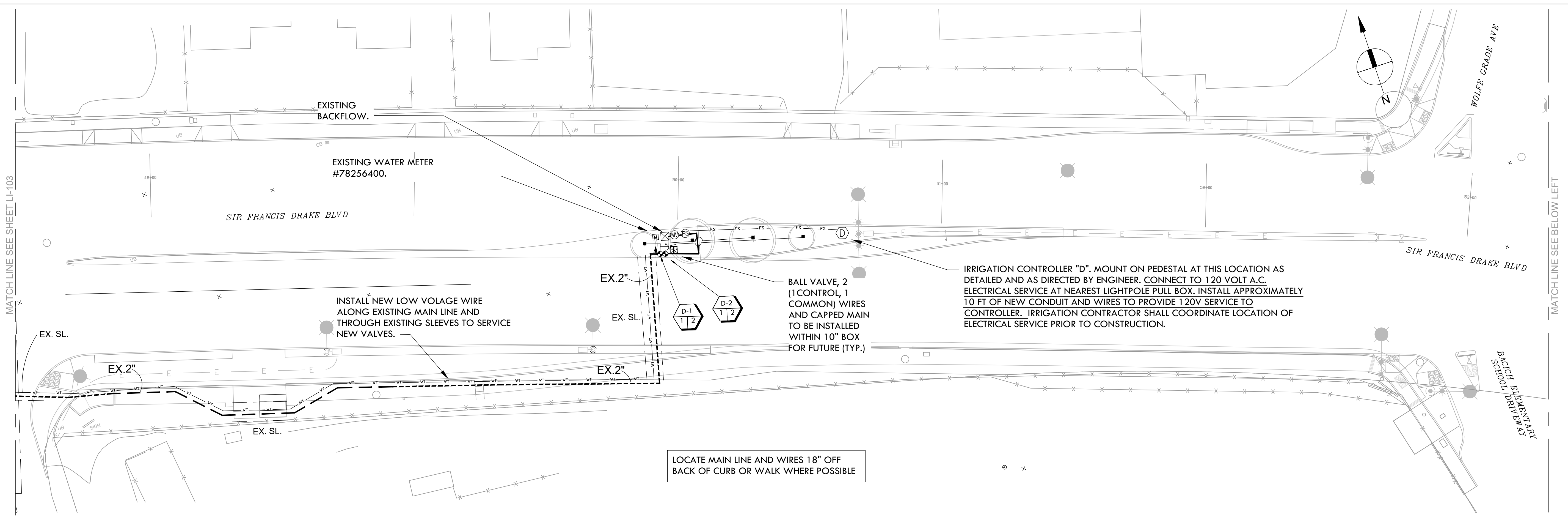
REGISTRATION & SIGNATURE

 DATE: 3/10/23

REVISIONS

No.	Date	Description

SHEET TITLE:
LANDSCAPE IRRIGATION PLAN

SHEET NUMBER:
LI-104

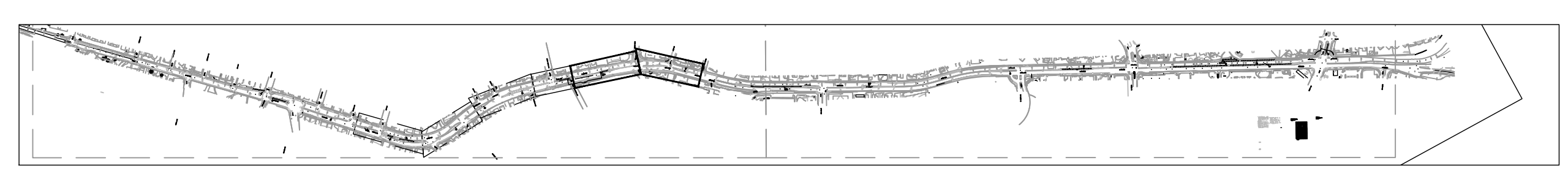


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1.25"	13-20 GPM



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KEY MAP
 SCALE: 1"=100'

MATCH LINE SEE SHEET LI-104

CORTE COMODA

SIR FRANCIS DRAKE BLVD

MARIN CATHOLIC SCHOOL DRIVEWAY

MARIN CATHOLIC SCHOOL DRIVEWAY

LOCATE MAIN LINE AND WIRES 18" OFF BACK OF CURB OR WALK WHERE POSSIBLE

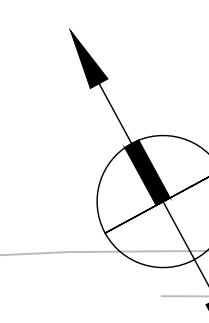
IRRIGATION CONTROLLER "F". MOUNT ON PEDESTAL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ENGINEER. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE AT NEAREST LIGHTPOLE PULL BOX. INSTALL APPROXIMATELY 10 FT OF NEW CONDUIT AND WIRES TO PROVIDE 120V SERVICE TO CONTROLLER. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.

EXISTING WATER METER TO REMAIN #82969553.

EXISTING BACKFLOW TO REMAIN. REPLACE FREEZE BLANKET. CONNECT NEW MAIN TO DISCHARGE SIDE OF BACKFLOW.

BALL VALVE, 2 (1 CONTROL, 1 COMMON) WIRES AND CAPPED MAIN TO BE INSTALLED WITHIN 10" BOX FOR FUTURE (TYP.)

SCALE: 1"=20'-0"



MATCH LINE SEE ABOVE RIGHT

SIR FRANCIS DRAKE BLVD

F-3 157/3 14
F-2 112/1 12
F-1 116/1 6

BALL VALVE, 2 (1 CONTROL, 1 COMMON) WIRES AND CAPPED MAIN TO BE INSTALLED WITHIN 10" BOX FOR FUTURE (TYP.)

SCALE: 1"=20'-0"



MATCH LINE SEE LI-106



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NOTES:

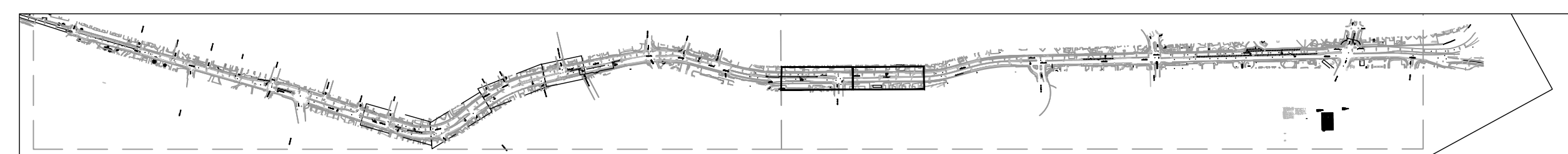
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1.25"	13-20 GPM

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1.25"	13-20 GPM

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KEY MAP

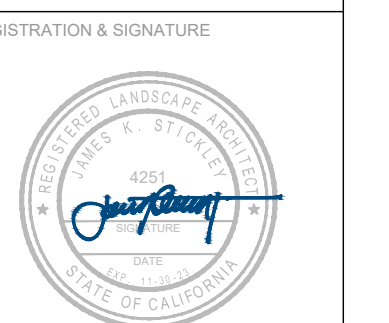
PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



CONTACT:
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DATE:
3/10/23

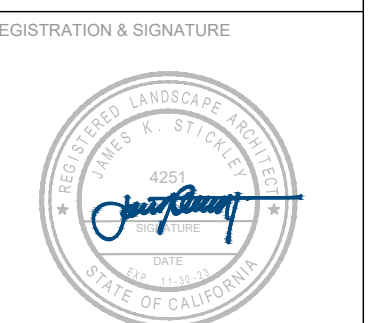
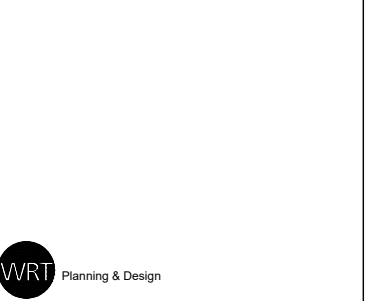
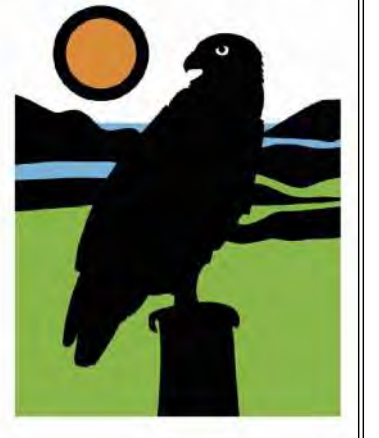
REVISIONS:
No. Date Description

No.	Date	Description

REGISTRATION & SIGNATURE

SHEET TITLE:
LANDSCAPE IRRIGATION PLAN

SHEET NUMBER:
LI-105



REVISIONS

No.	Date	Description

IRRIGATION CONTROLLER "G". MOUNT ON PEDESTAL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ENGINEER. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE AT NEAREST LIGHTPOLE PULL BOX. INSTALL APPROXIMATELY 20 FT OF NEW CONDUIT AND WIRES TO PROVIDE 120V SERVICE TO CONTROLLER. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.

EXISTING WATER METER TO REMAIN #83502636.

EXISTING BACKFLOW TO REMAIN. REPLACE FREEZE BLANKET. CONNECT NEW MAIN TO DISCHARGE SIDE OF BACKFLOW.

1.5" EXISTING SOLAR CONTROLLER AND ENCLOSURE TO BE REMOVED

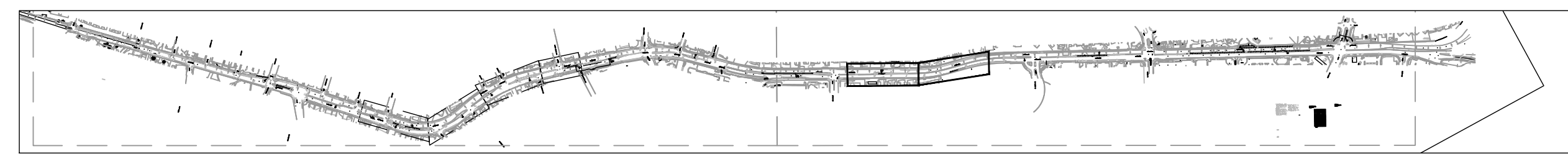
BALL VALVE, 2 (1 CONTROL, 1 COMMON) WIRES AND CAPPED MAIN TO BE INSTALLED WITHIN 10" BOX FOR FUTURE (TYP.)

LOCATE MAIN LINE AND WIRES 18" OFF BACK OF CURB OR WALK WHERE POSSIBLE

SCALE: 1"=20'-0"

SCALE: 1"=20'-0"

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0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM



MATCH LINE SEE SHEET LI-105

MATCH LINE SEE BELOW LEFT

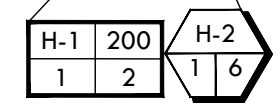
MATCH LINE SEE ABOVE RIGHT

MATCH LINE SEE SHEET LI-107

IRRIGATION CONTROLLER "H". MOUNT ON PEDESTAL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ENGINEER. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE AT NEAREST LIGHTPOLE PULL BOX. INSTALL APPROXIMATELY 10 FT OF NEW CONDUIT AND WIRES TO PROVIDE 120V SERVICE TO CONTROLLER. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.

EXISTING WATER METER #71098931 AND BACKFLOW.

EXISTING SOLAR CONTROLLER AND ENCLOSURE TO BE REMOVED



MATCH LINE SEE SHEET LI-106

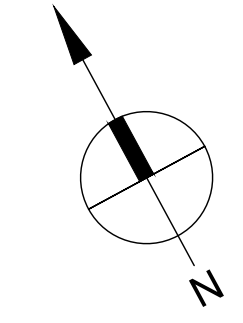
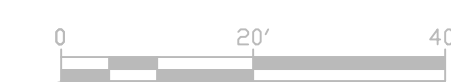
MATCH LINE SEE BELOW LEFT

SIR FRANCIS DRAKE BLVD

EL PORTAL DR

LOCATE MAIN LINE AND WIRES 18" OFF BACK OF CURB OR WALK WHERE POSSIBLE

SCALE: 1"=20'-0"



EXIST 10" ROUND VALVE BOX WITH 1.5" MAINLINE AND 5 WIRES (1 COMMON AND 4 COMMUNICATION).

EXISTING SOLAR CONTROLLER AND ENCLOSURE TO BE REMOVED

BALL VALVE, 2 (1 CONTROL, 1 COMMON) WIRES AND CAPPED MAIN TO BE INSTALLED WITHIN 10" BOX FOR FUTURE (TYP.)

EXISTING BACKFLOW TO REMAIN. REPLACE FREEZE BLANKET. CONNECT NEW MAIN TO DISCHARGE SIDE OF BACKFLOW.

EXISTING METER #82502726 TO REMAIN IN SERVICE.

IRRIGATION CONTROLLER "J". MOUNT ON PEDESTAL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ENGINEER. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE AT NEAREST LIGHTPOLE PULL BOX. INSTALL APPROXIMATELY 10 FT OF NEW CONDUIT AND WIRES TO PROVIDE 120V SERVICE TO CONTROLLER. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.

MATCH LINE SEE ABOVE RIGHT

MATCH LINE SEE SHEET LI-108

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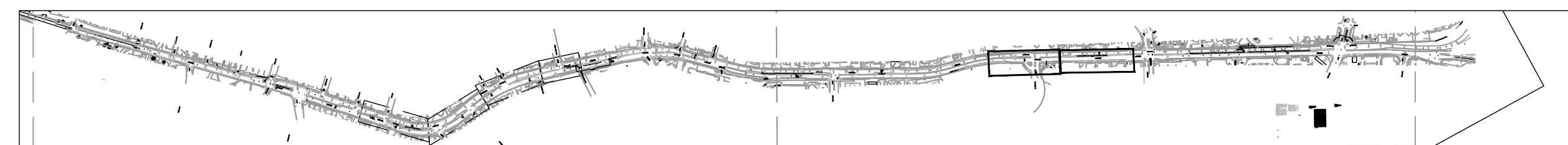
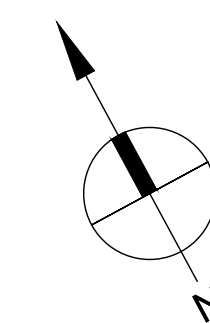


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SCALE: 1"=20'-0"



KEY MAP

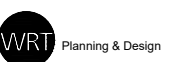
PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



CONTACT:
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San Francisco, CA 94103 fax 415.438.9837

REGISTRATION & SIGNATURE



DATE:
3/10/23

SUBMITTAL:

DRAFT

REVISIONS:

No.	Date	Description

SHEET TITLE:
LANDSCAPE IRRIGATION PLAN

SHEET NUMBER:
LI-107

POT HOLE AND LOCATE EXISTING MAIN AND WIRE. CONNECT NEW MAIN AND WIRES AT THIS APPROXIMATE LOCATION. LOCATE ALL SPLICES WITHIN GATE VALVE BOX. ESTIMATED NUMBER OF CONTROL WIRES ARE SEVEN (7).

MATCH LINE SEE SHEET RIGHT VIEWPORT

EXISTING RCV (TYP)

CONNECT EXISTING VALVE TO NEW MAIN LINE AND CONTROLLER.

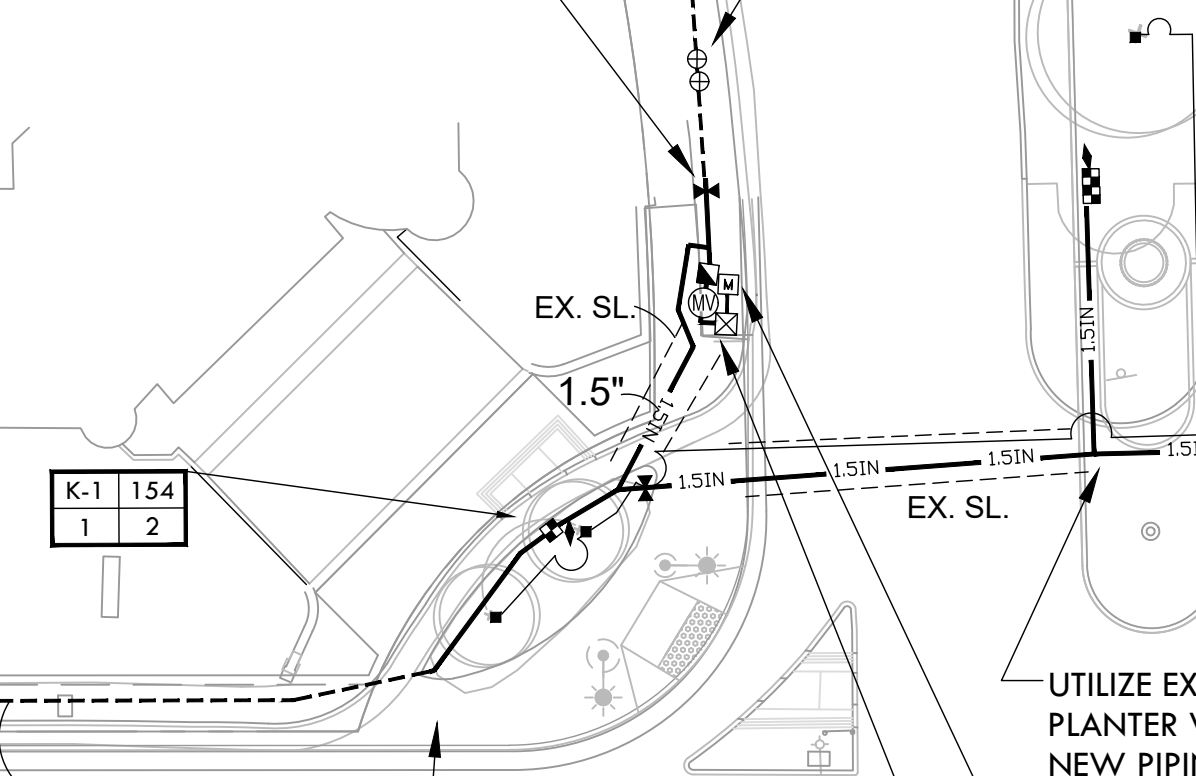
EXISTING WEATHERMATIC SMARTLINE IRRIGATION CONTROLLER "K". TWELVE (12) STATION USED OF 12. ADD 8 STATION MODULE TO EXISTING CONTROLLER.

CORE INTO EXISTING WALL TO INSTALL NEW MAIN LINE AND WIRES
CAP TEMPORARY CONNECTION AT THIS APPROXIMATE LOCATION

EXISTING RCV (TYP)
EXISTING GATE VALVE (TYP)

MATCH LINE SEE SHEET LEFT VIEWPORT

CORTE MORADA



MATCH LINE SEE SHEET LI-107

MATCH LINE SEE BELOW LEFT

UTILIZE EXISTING SLEEVES THROUGH PLANTER WALLS AND URN FOR NEW PIPING
EXISTING WATER METER #67123799.

EXISTING 1.5" BACKFLOW TO REMAIN. CONNECT ON DISCHARGE SIDE OF BACKFLOW.

STUB 1.5" MAIN LINE AND 5 (2 CONTROL, 1 COMMON, 2 SPARE) LOW VOLTAGE WIRES. LOCATE STUB AND WIRES IN 10" ROUND BOX.

SIR FRANCIS DRAKE BLVD

LOCATE MAIN LINE AND WIRES 18" OFF BACK OF CURB OR WALK WHERE POSSIBLE

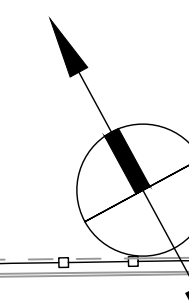
BALL VALVE, 2 (1 CONTROL, 1 COMMON) WIRES AND CAPPED MAIN TO BE INSTALLED WITHIN 10" BOX FOR FUTURE (TYP.)

BOX AIR SERVING DRIVEWAY

EXISTING WEATHERMATIC SMARTLINE CONTROLLER SERVICES CORTE MORADA PARK.

CONNECT VALVE TO EXISTING MAINLINE AND EXISTING CONTROLLER. EXISTING METER #82502714.

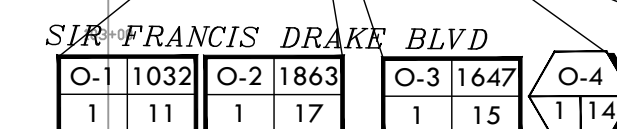
SCALE: 1"=20'-0"



CORTE MORADA PARK

USE CAUTION WHEN TRENCHING NEAR EXISTING TREES. (TYPICAL)

POT HOLE AND LOCATE EXISTING MAIN LINE. CONNECT NEW VALVES TO MAIN AND ROUTE NEW LOW VOLTAGE WIRES TO EXISTING CONTROLLER "O"



MATCH LINE SEE SHEET LI-109

NOTES:

- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
 - IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:
- | | |
|-------|-----------|
| 0.75" | 0-6 GPM |
| 1" | 7-12 GPM |
| 1.25" | 13-20 GPM |

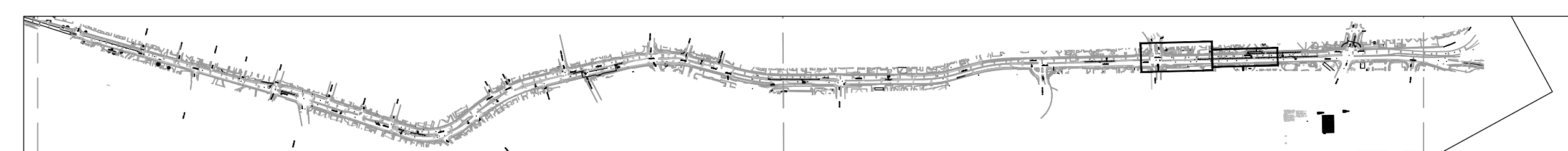


CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.

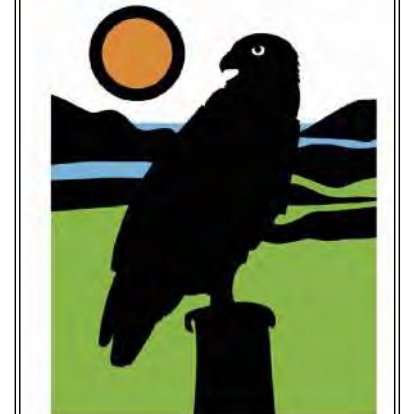
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com

SCALE: 1"=20'-0"



KEY MAP
8/24/23-10-0000

PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA



CONTACT:
SARAH RICHARDS
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SAN RAFAEL, CA 94903

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(415) 301-1038



Wallace Roberts & Todd, LLC
478 Tehama St #2B 415.575.4722
San Francisco, CA 94103 fax: 415.436.9837



DATE: 3/10/23

SUBMITTAL:

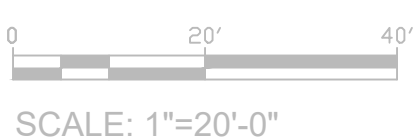
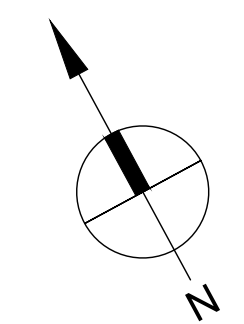
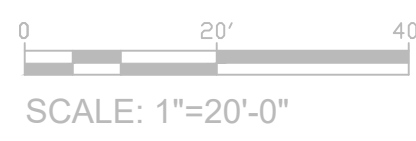
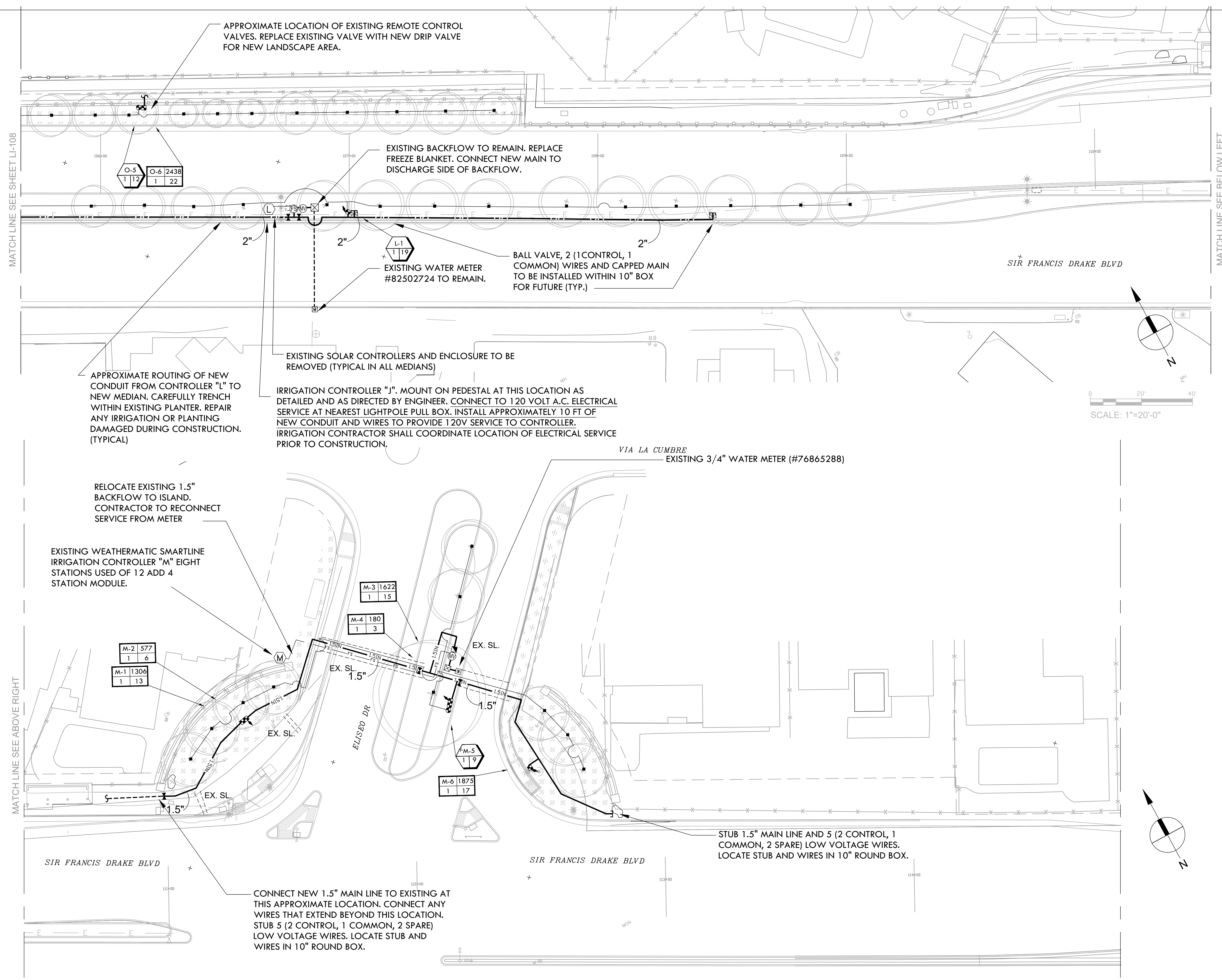
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REVISIONS

No.	Date	Description

SHEET TITLE:
LANDSCAPE IRRIGATION PLAN

SHEET NUMBER:
LI-108



NOTES:

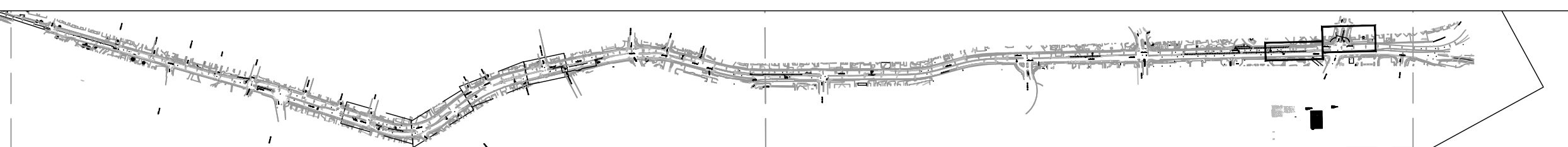
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- UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
- SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM



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UNDERGROUND SERVICE ALERT

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2760 Camino Diablo
Walnut Creek, CA 94597
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PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

PROJECT OWNER:
MARIN COUNTY PARKS
PRESERVATION-RECREATION



CONTACT:
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478 Tahama St #208 415.575.4722
San Francisco, CA 94103 fax 415.438.9837



DATE:
3/10/23

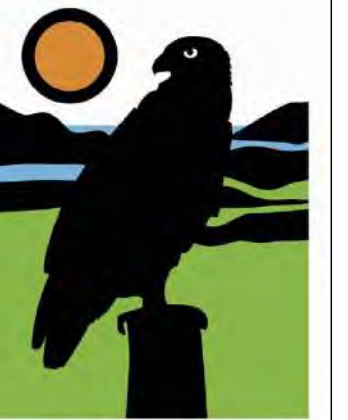
REVISIONS:

No.	Date	Description

DRAFT

SHEET TITLE:
LANDSCAPE IRRIGATION PLAN

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LI-109

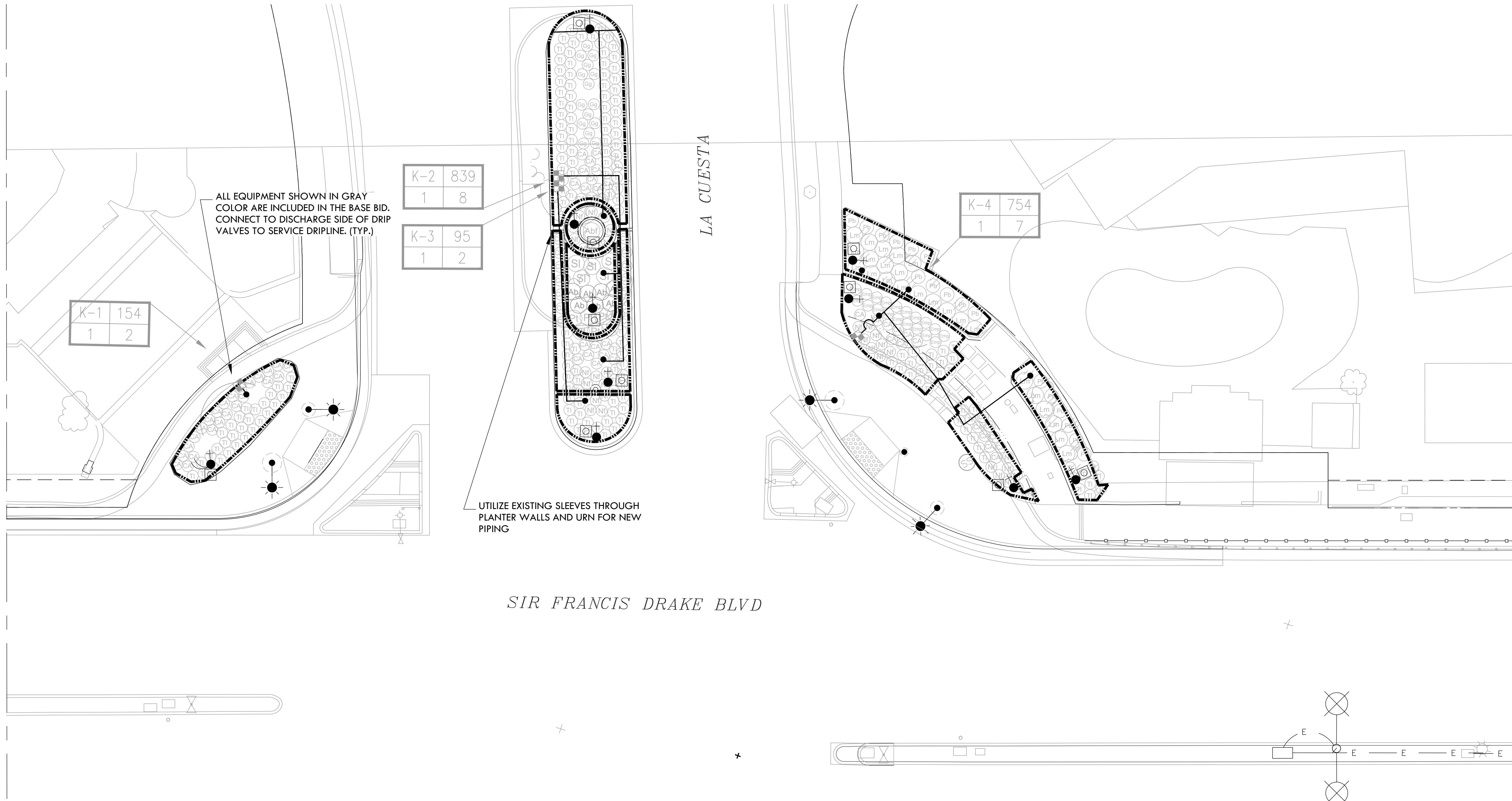


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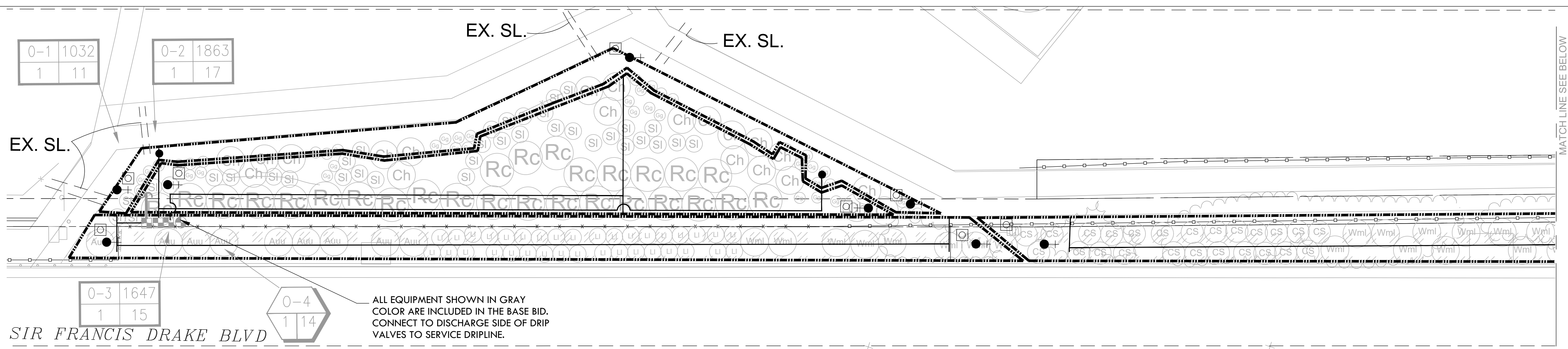
No.	Date	Description

**ADD ALT 1
 (LA CUESTA
 ENTRY)**

LI-110



1 ADD ALT 1 (LA CUESTA ENTRY)
 SCALE: 1"=10'-0"



0-1 1032
1 11

0-2 1863
1 17

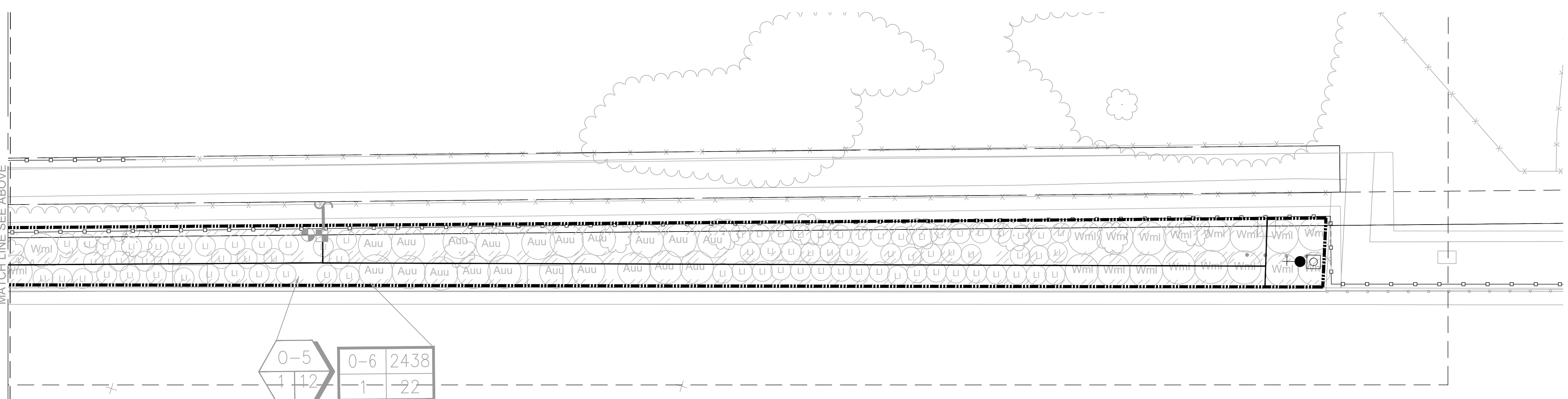
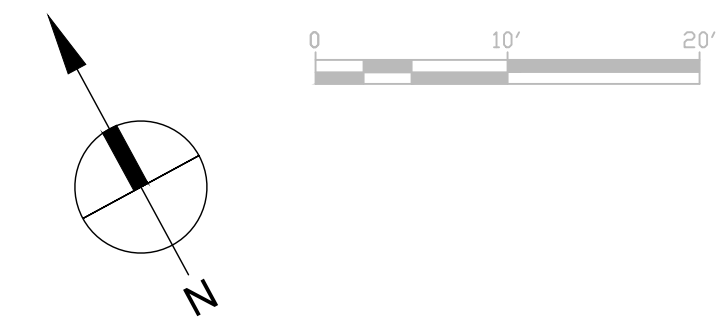
0-3 1647
1 15

0-4
1 14

ALL EQUIPMENT SHOWN IN GRAY COLOR ARE INCLUDED IN THE BASE BID. CONNECT TO DISCHARGE SIDE OF DRIP VALVES TO SERVICE DRIPLINE.

SIR FRANCIS DRAKE BLVD

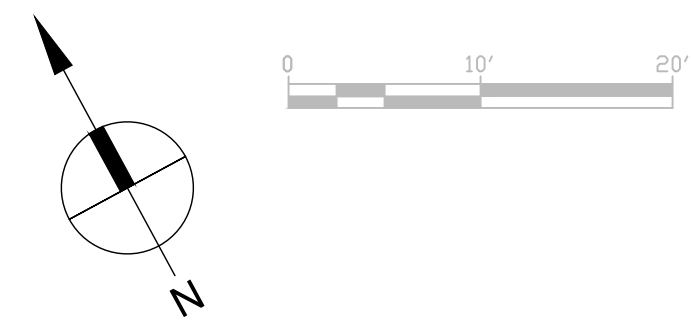
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SCALE: 1"=10'-0"



0-5
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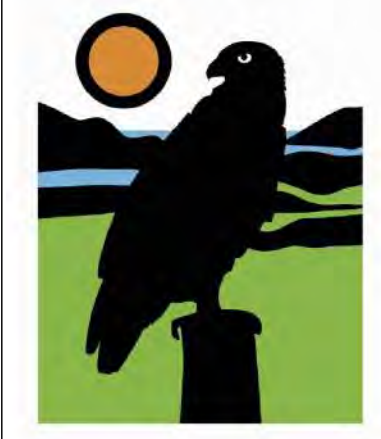
0-6 2438
1 22

2 ADD ALT 2 (CORTE MORADA PARK)
SCALE: 1"=10'-0"



PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

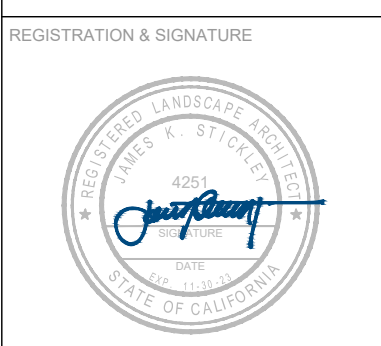
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SAN RAFAEL, CA 94903
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(415) 961-1039

WRT Planning & Design

Wallace Roberts & Todd, LLC
478 Tehama St. #200 415.575.4722
San Francisco, CA 94103 fax 415.438.9837



DATE:
3/10/23

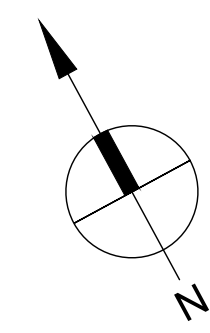
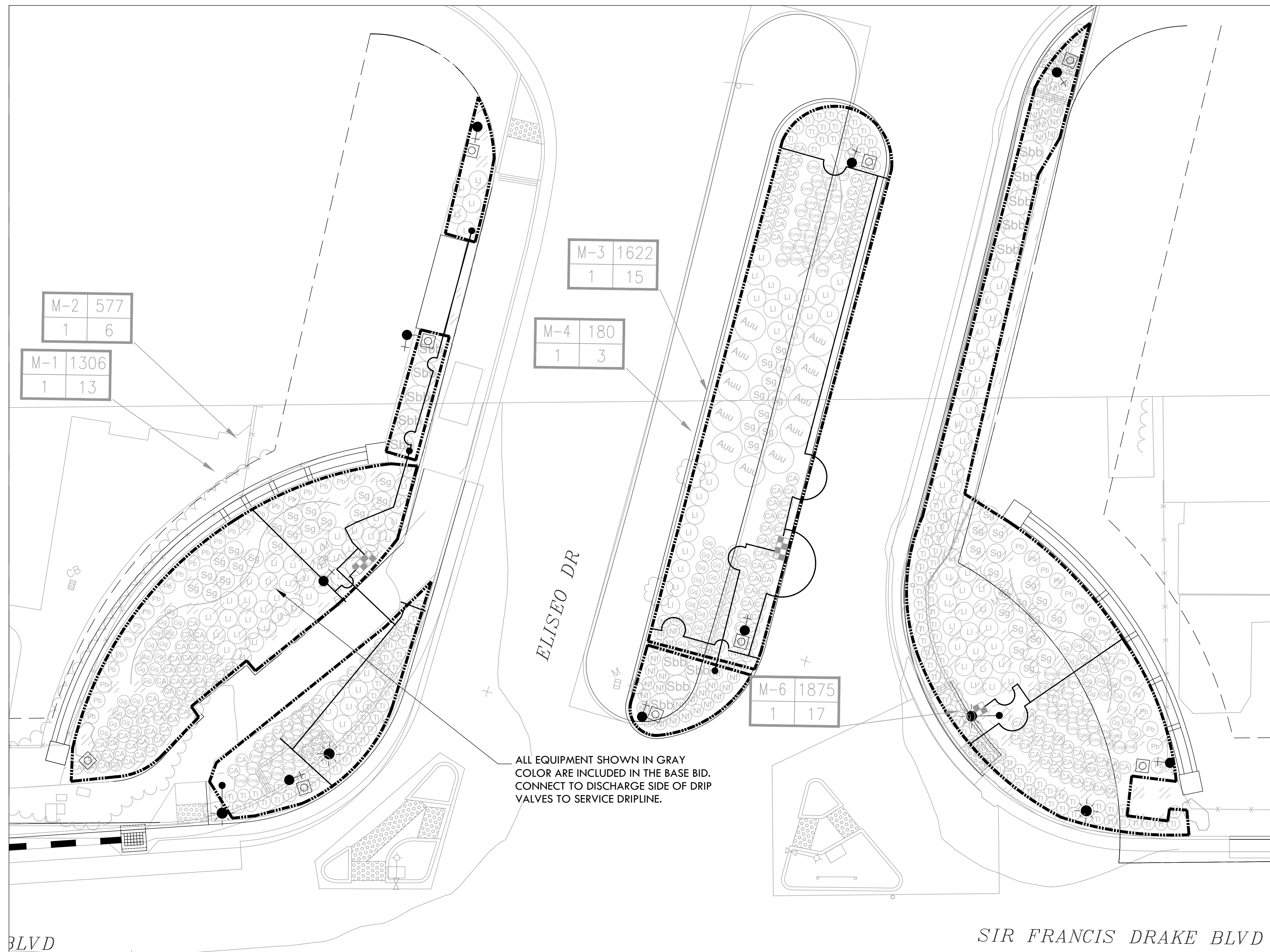
SUBMITTAL:
DRAFT

REVISIONS

No.	Date	Description

SHEET TITLE:
ADD ALT 2 (CORTE MORADA PARK)

SHEET NUMBER:
LI-111



1 ADD ALT 3 (ELISEO ENTRY)
SCALE: 1"=10'-0"



PROJECT:
SIR FRANCIS DRAKE BOULEVARD LANDSCAPE
MARIN COUNTY CALIFORNIA

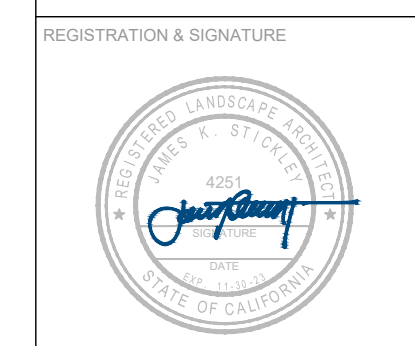
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478 Tenth St. #200 415.574.5722
San Francisco, CA 94103 fax 415.436.9837



REGISTRATION & SIGNATURE
DATE: 3/10/23

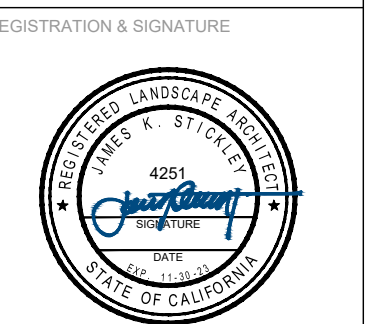
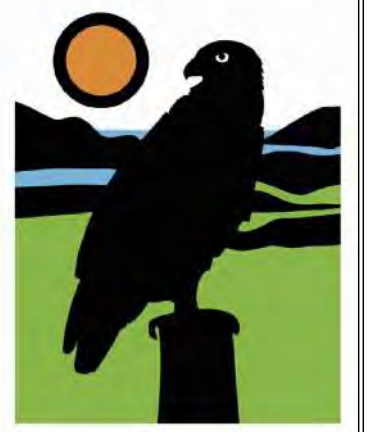
SUBMITTAL
DRAFT

REVISIONS

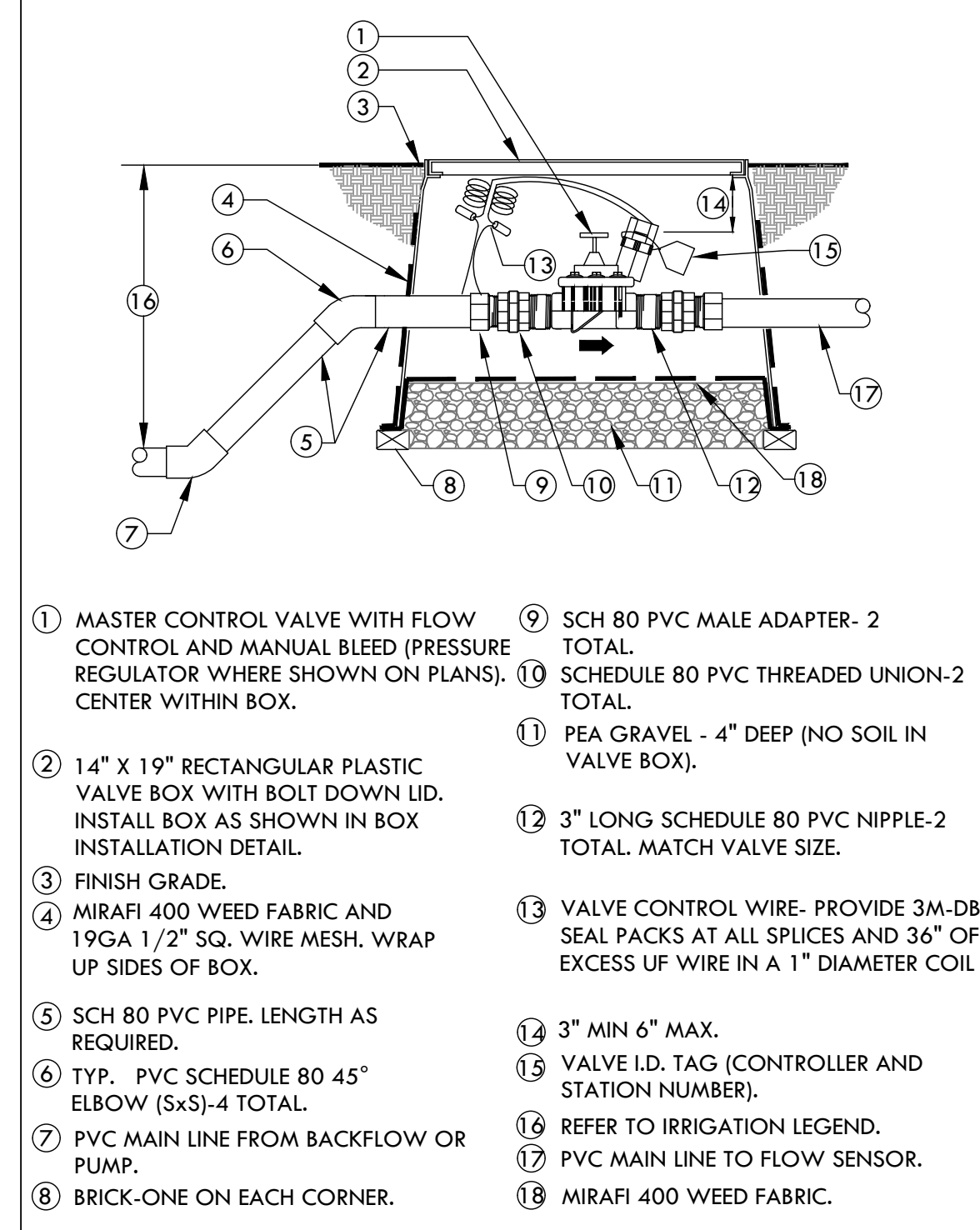
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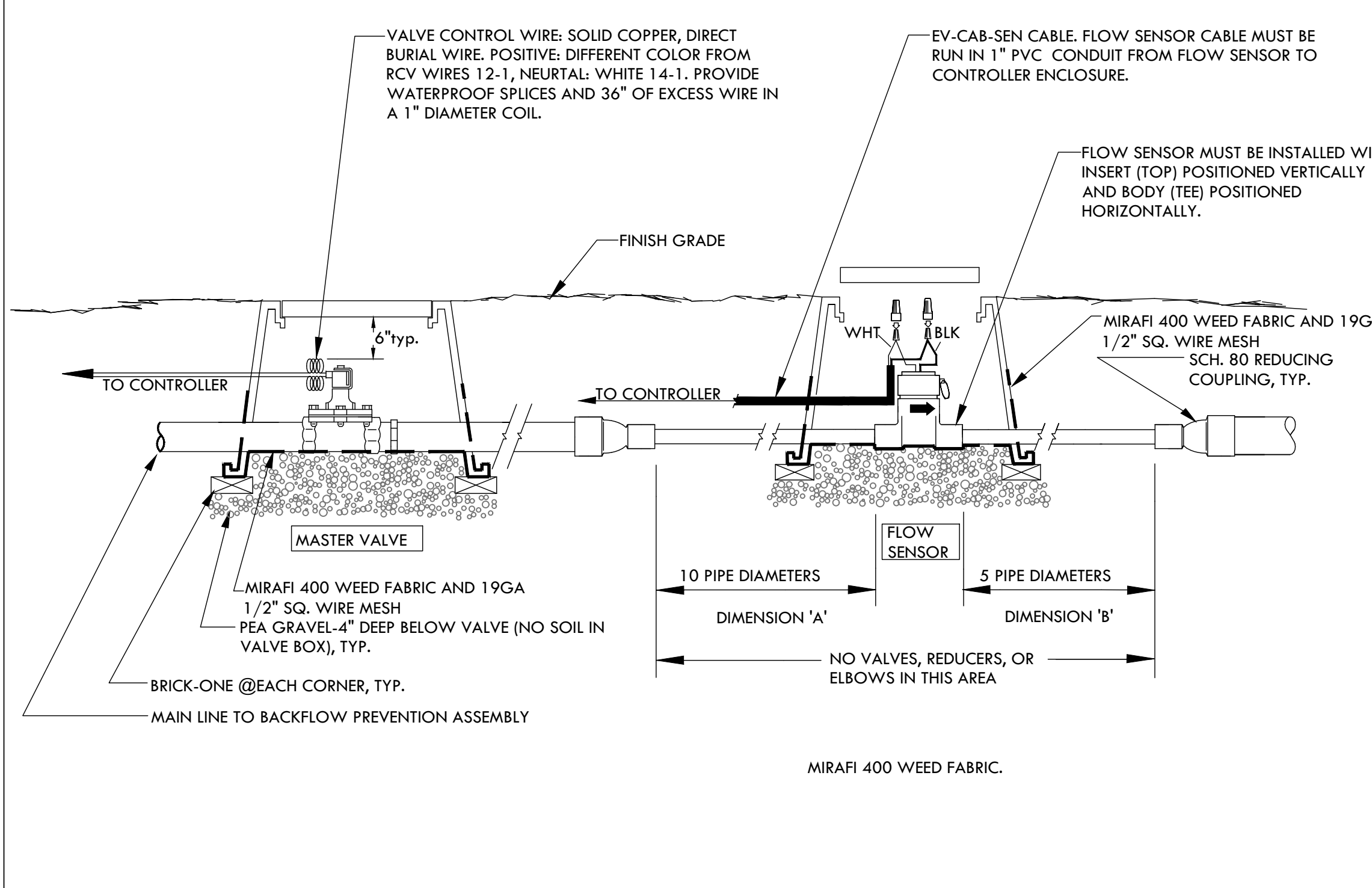
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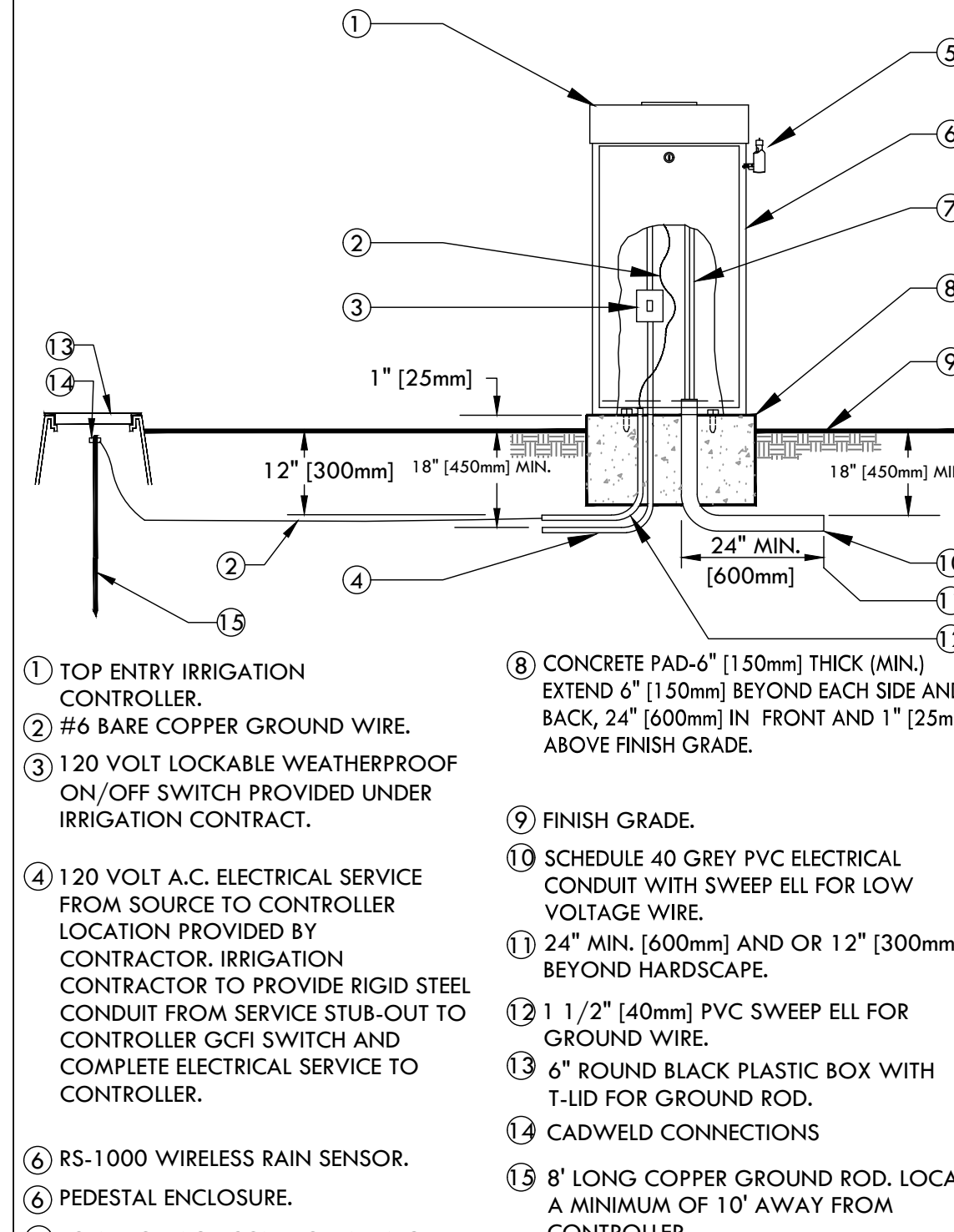
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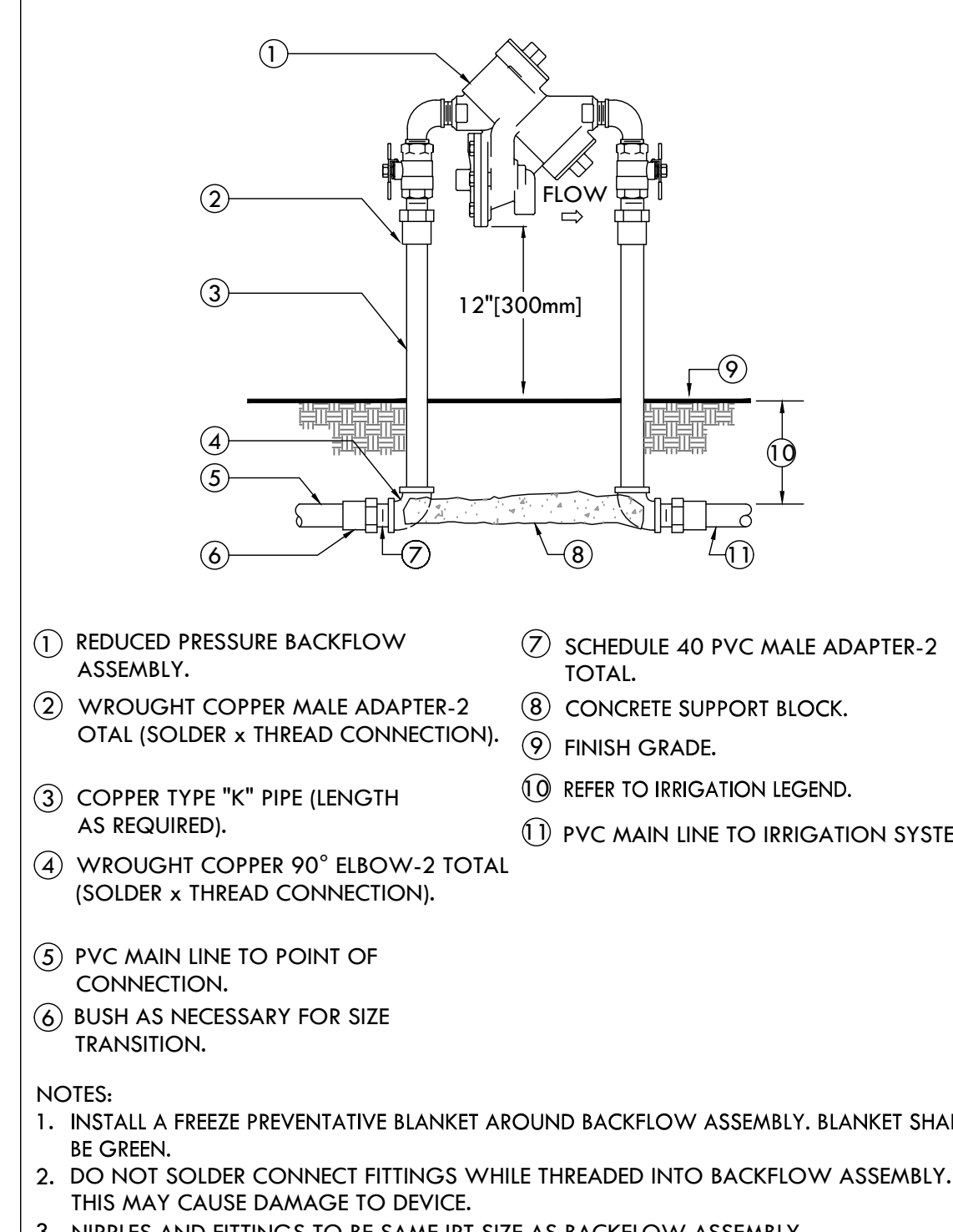
- 1 MASTER CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED (PRESSURE REGULATOR WHERE SHOWN ON PLANS). CENTER WITHIN BOX.
- 2 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
- 3 FINISH GRADE.
- 4 MIRAFIX 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX.
- 5 SCH 80 PVC PIPE. LENGTH AS REQUIRED.
- 6 TYP. PVC SCHEDULE 80 45° ELBOW (5x5)-4 TOTAL.
- 7 PVC MAIN LINE FROM BACKFLOW OR PUMP.
- 8 BRICK-ONE ON EACH CORNER.
- 9 SCH 80 PVC MALE ADAPTER- 2 TOTAL.
- 10 SCHEDULE 80 PVC THREADED UNION-2 TOTAL.
- 11 PEA GRAVEL - 4" DEEP (NO SOIL IN VALVE BOX).
- 12 3" LONG SCHEDULE 80 PVC NIPPLE-2 TOTAL. MATCH VALVE SIZE.
- 13 VALVE CONTROL WIRE. PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 36" OF EXCESS UF WIRE IN A 1" DIAMETER COIL.
- 14 3" MIN 6" MAX.
- 15 VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
- 16 REFER TO IRRIGATION LEGEND.
- 17 PVC MAIN LINE TO FLOW SENSOR.
- 18 MIRAFIX 400 WEED FABRIC.



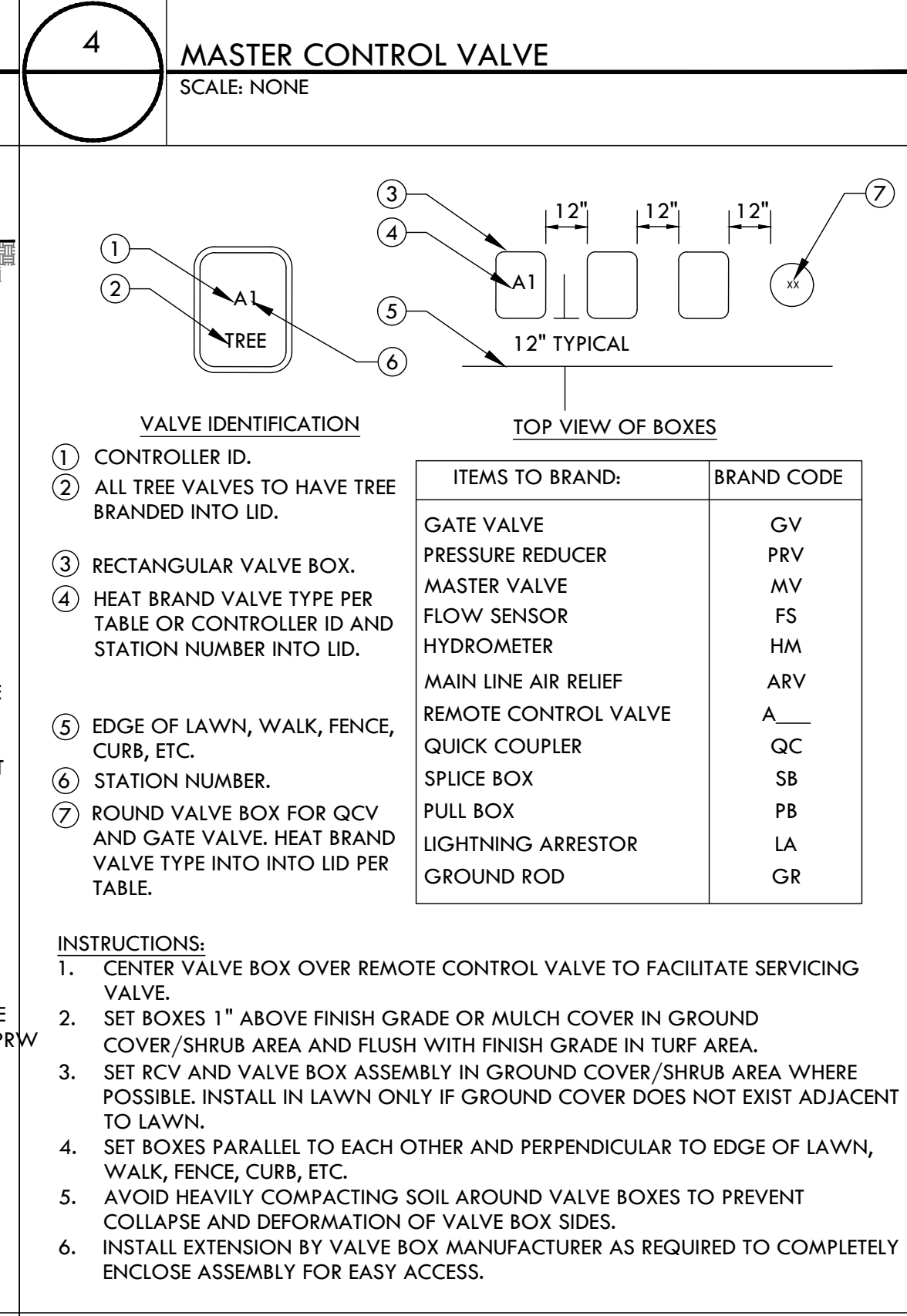
- 1 TOP ENTRY IRRIGATION CONTROLLER.
- 2 #6 BARE COPPER GROUND WIRE.
- 3 120 VOLT LOCKABLE WEATHERPROOF ON/OFF SWITCH PROVIDED UNDER IRRIGATION CONTRACT.
- 4 120 VOLT A.C. ELECTRICAL SERVICE FROM SOURCE TO CONTROLLER LOCATION PROVIDED BY CONTRACTOR. IRRIGATION CONTRACTOR TO PROVIDE RIGID STEEL CONDUIT FROM SERVICE STUB-OUT TO CONTROLLER GCFI SWITCH AND COMPLETE ELECTRICAL SERVICE TO CONTROLLER.
- 5 FINISH GRADE.
- 6 SCHEDULE 40 GREY PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR LOW VOLTAGE WIRE.
- 7 24" MIN. [600mm] AND OR 12" [300mm] BEYOND HARDCAPE.
- 8 1 1/2" [40mm] PVC SWEEP ELL FOR GROUND WIRE.
- 9 6" ROUND BLACK PLASTIC BOX WITH T-LID FOR GROUND ROD.
- 10 CADWELD CONNECTIONS
- 11 RS-1000 WIRELESS RAIN SENSOR.
- 12 PEDESTAL ENCLOSURE.
- 13 LOW VOLTAGE CONTROL WIRING.
- 14 CONCRETE PAD-6" [150mm] THICK (MIN.) EXTEND 6" [150mm] BEYOND EACH SIDE AND BACK, 24" [600mm] IN FRONT AND 1" [25mm] ABOVE FINISH GRADE.
- 15 9" FINISH GRADE.
- 16 SCHEDULE 40 GREY PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR LOW VOLTAGE WIRE.
- 17 24" MIN. [600mm] AND OR 12" [300mm] BEYOND HARDCAPE.
- 18 1 1/2" [40mm] PVC SWEEP ELL FOR GROUND WIRE.
- 19 6" ROUND BLACK PLASTIC BOX WITH T-LID FOR GROUND ROD. LOCATE A MINIMUM OF 10' AWAY FROM CONTROLLER.
- 20 CADWELD CONNECTIONS
- 21 RS-1000 WIRELESS RAIN SENSOR.
- 22 PEDESTAL ENCLOSURE.
- 23 LOW VOLTAGE CONTROL WIRING.



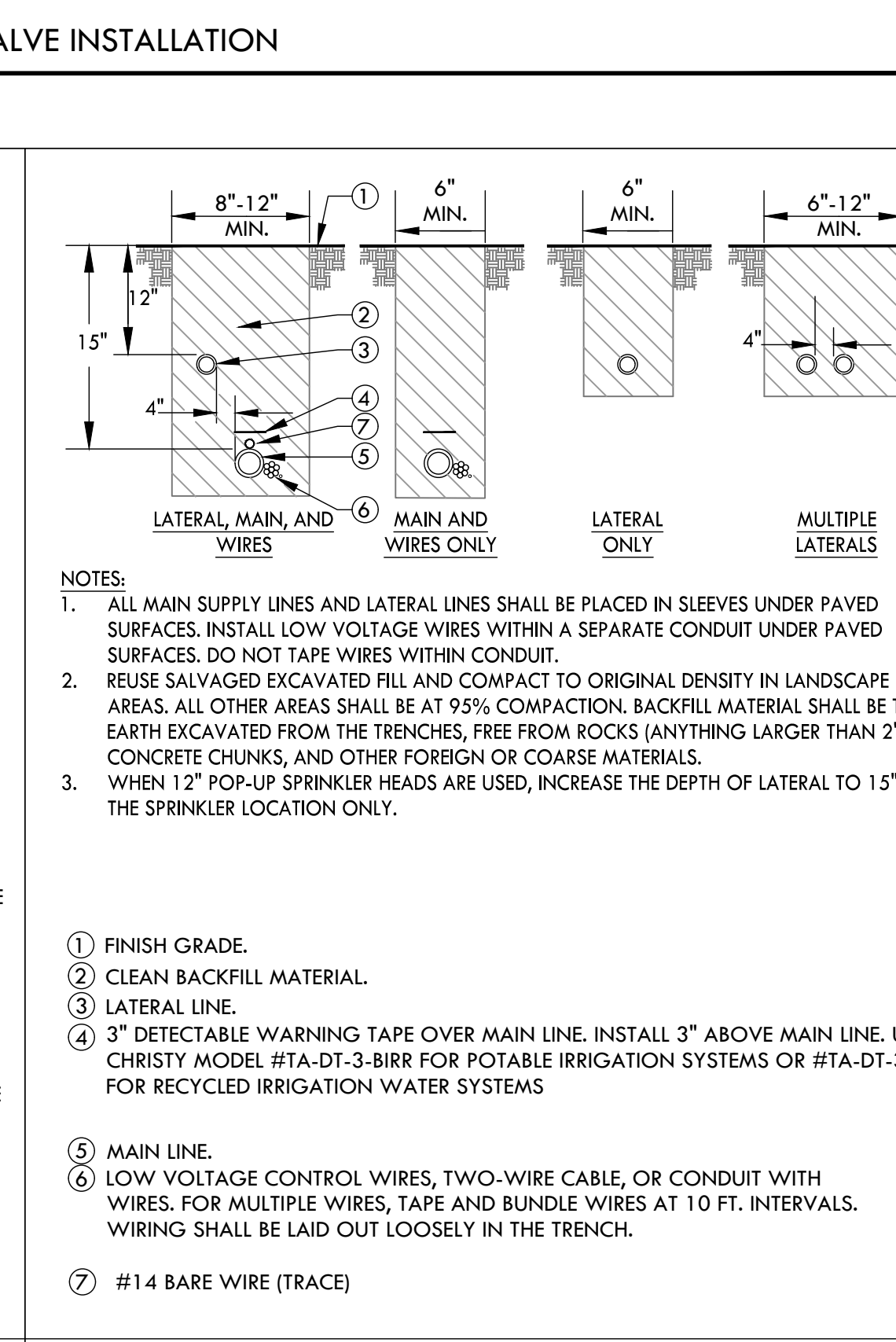
- 1 REDUCED PRESSURE BACKFLOW ASSEMBLY.
- 2 WROUGHT COPPER MALE ADAPTER-2 TOTAL (SOLDER x THREAD CONNECTION).
- 3 COPPER TYPE "K" PIPE (LENGTH AS REQUIRED).
- 4 WROUGHT COPPER 90° ELBOW-2 TOTAL (SOLDER x THREAD CONNECTION).
- 5 PVC MAIN LINE TO POINT OF CONNECTION.
- 6 BUSH AS NECESSARY FOR SIZE TRANSITION.
- 7 SCHEDULE 40 PVC MALE ADAPTER-2 TOTAL.
- 8 CONCRETE SUPPORT BLOCK.
- 9 FINISH GRADE.
- 10 REFER TO IRRIGATION LEGEND.
- 11 PVC MAIN LINE TO IRRIGATION SYSTEM.



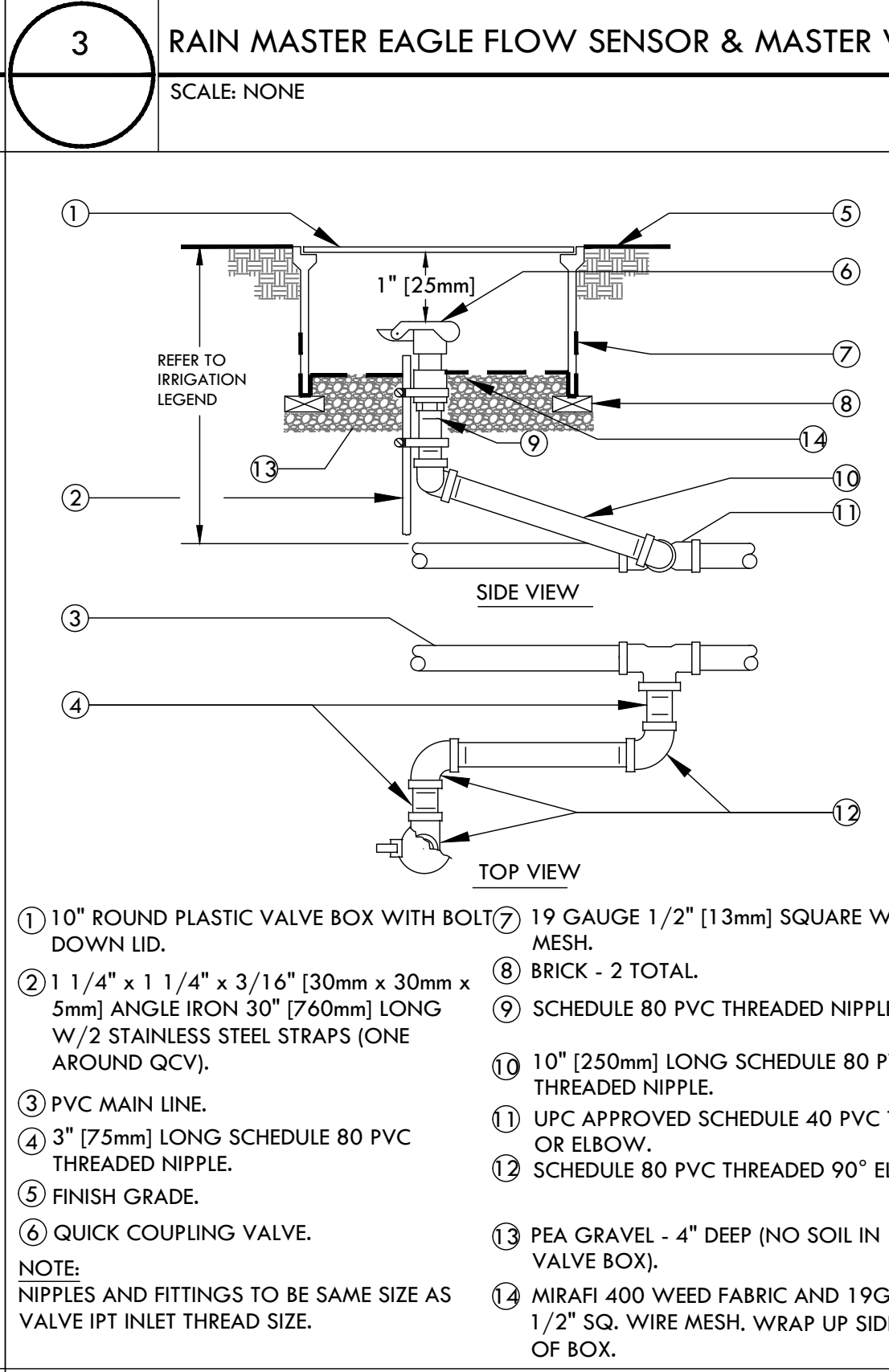
- 1 FINISH GRADE.
- 2 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
- 3 18 GAUGE AWG DIRECT BURIAL WIRE. FLOW SENSOR WIRE MUST BE RUN IN 1" PVC CONDUIT FROM FLOW SENSOR TO CONTROLLER ENCLOSURE. PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 36" OF EXCESS WIRE IN A 1" DIAMETER COIL.
- 4 1" SCH 40 PVC CONDUIT.
- 5 SCH 80 PVC PIPE.
- 6 SCH 80 PVC REDUCER IF REQUIRED.
- 7 PVC MAIN LINE TO MASTER CONTROL VALVE.
- 8 MIRAFIX 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX.
- 9 BRICK-ONE ON EACH CORNER.
- 10 PEA GRAVEL - 4" DEEP (NO SOIL IN VALVE BOX).
- 11 FLOW SENSOR MUST BE INSTALLED WITH INSERT (TOP) POSITIONED VERTICALLY AND BODY (TEE) POSITIONED HORIZONTALLY.
- 12 PVC MAIN LINE TO IRRIGATION SYSTEM.
- 13 MIRAFIX 400 WEED FABRIC.



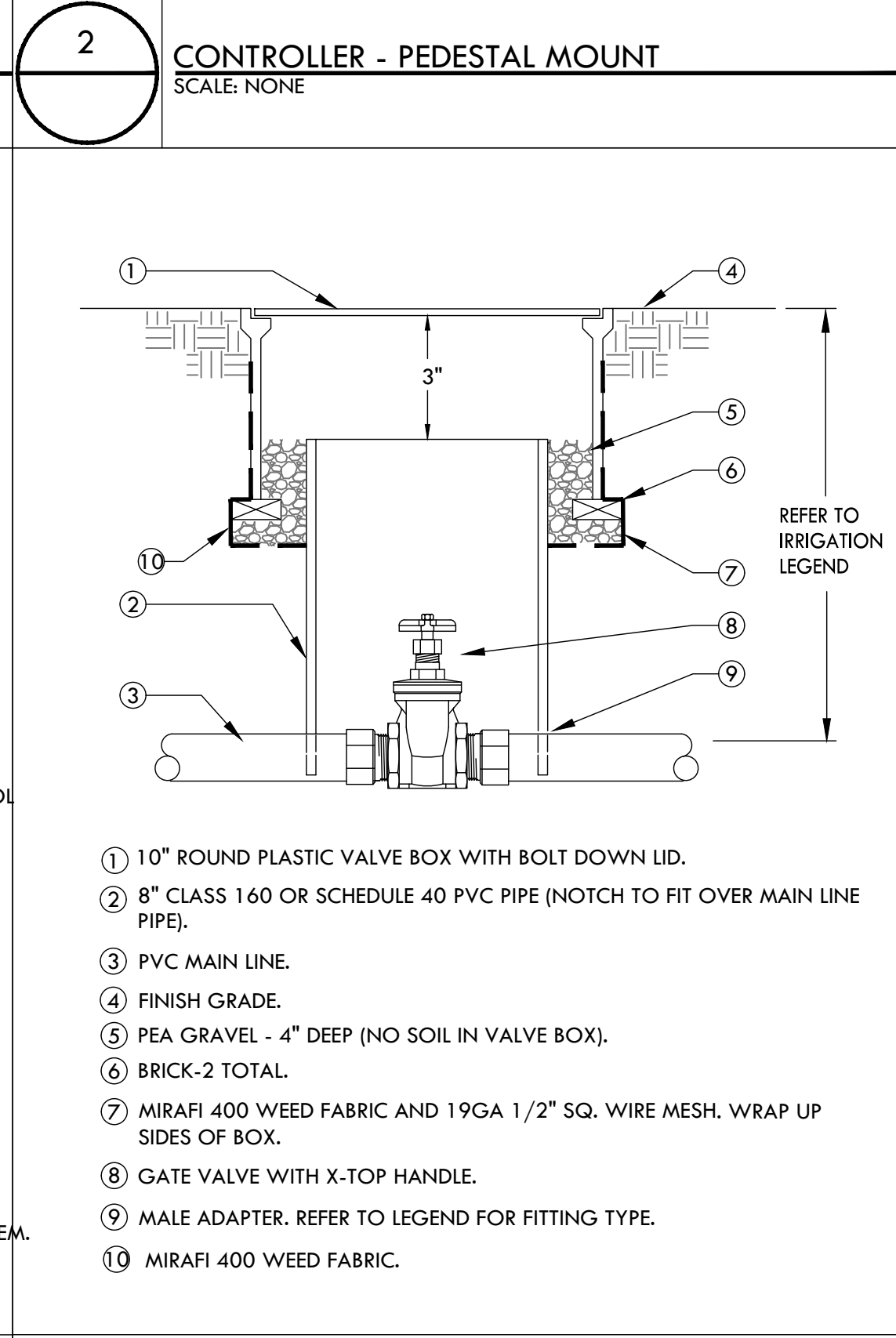
- VALVE IDENTIFICATION
- | ITEMS TO BRAND: | BRAND CODE |
|----------------------|------------|
| GATE VALVE | GV |
| PRESSURE REDUCER | PRV |
| MASTER VALVE | MV |
| FLOW SENSOR | FS |
| HYDROMETER | HM |
| MAIN LINE AIR RELIEF | ARV |
| REMOTE CONTROL VALVE | A__ |
| QUICK COUPLER | QC |
| SPLICE BOX | SB |
| PULL BOX | PB |
| LIGHTNING ARRESTOR | LA |
| GROUND ROD | GR |
- INSTRUCTIONS:
- CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
 - SET BOXES 1" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
 - SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN ONLY IF GROUND COVER DOES NOT EXIST ADJACENT TO LAWN.
 - SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC.
 - AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
 - INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.



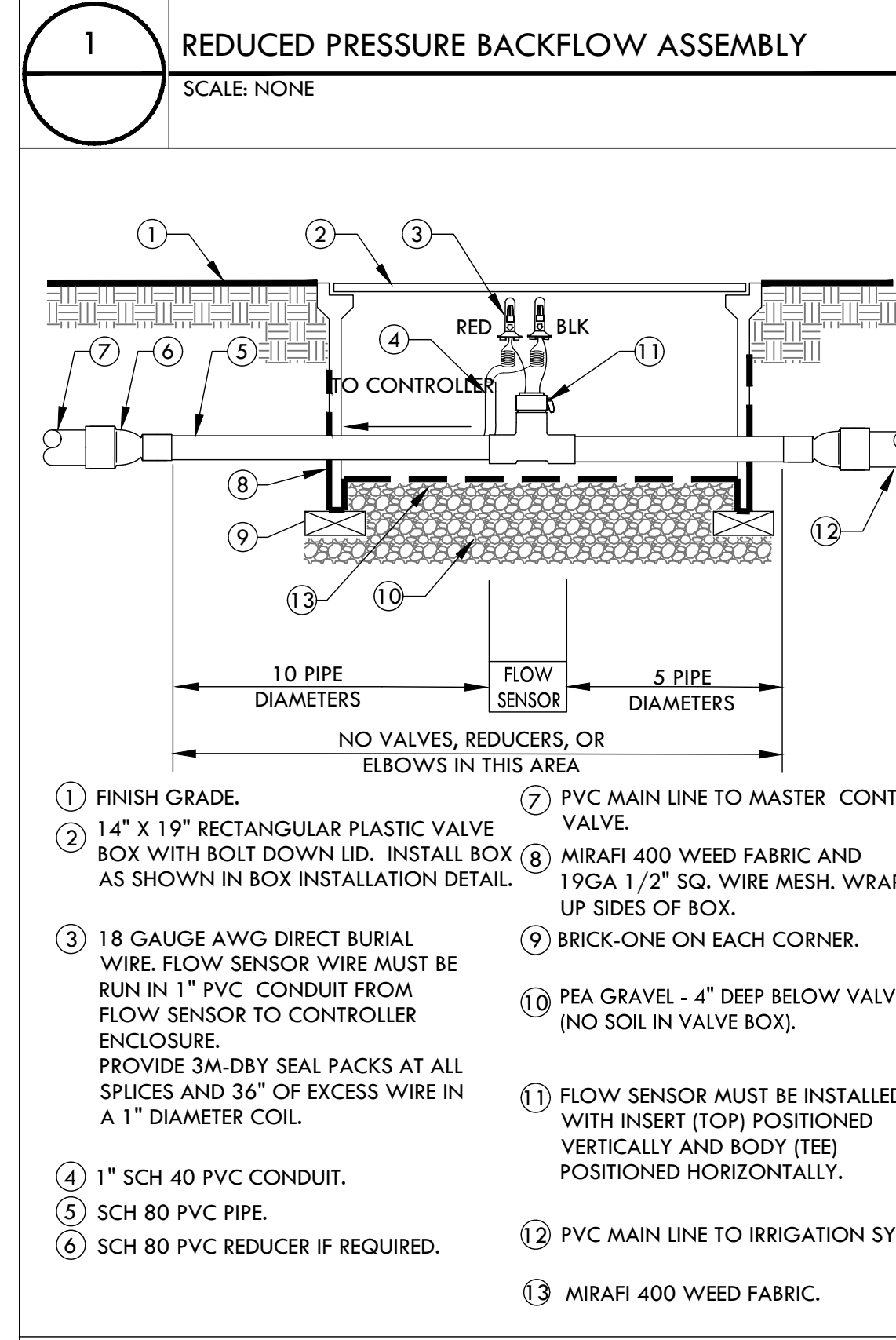
- 1 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
- 2 1 1/4" x 1 1/4" x 3/16" [30mm x 30mm x 5mm] ANGLE IRON 30° [760mm] LONG W/ 2 STAINLESS STEEL STRAPS (ONE AROUND QCV).
- 3 PVC MAIN LINE.
- 4 3" [75mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
- 5 FINISH GRADE.
- 6 QUICK COUPLING VALVE.
- 7 10" [250mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
- 8 UP APPROVED SCHEDULE 40 PVC TEE OR ELBOW.
- 9 SCHEDULE 80 PVC THREADED 90° ELL.
- 10 PEA GRAVEL - 4" DEEP (NO SOIL IN VALVE BOX).
- 11 MIRAFIX 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX.
- 12 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.
- 13 BRICK - 2 TOTAL.
- 14 SCHEDULE 80 PVC THREADED NIPPLE.
- 15 10" [250mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
- 16 UP APPROVED SCHEDULE 40 PVC TEE OR ELBOW.
- 17 SCHEDULE 80 PVC THREADED 90° ELL.
- 18 PEA GRAVEL - 4" DEEP (NO SOIL IN VALVE BOX).
- 19 MIRAFIX 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX.
- 20 FINISH GRADE.
- 21 CLEAN BACKFILL MATERIAL.
- 22 LATERAL LINE.
- 23 3" DETECTABLE WARNING TAPE OVER MAIN LINE. INSTALL 3" ABOVE MAIN LINE. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS OR #TA-DT-3-PRW FOR RECYCLED IRRIGATION WATER SYSTEMS.
- 24 MAIN LINE.
- 25 LOW VOLTAGE CONTROL WIRES, TWO-WIRE CABLE, OR CONDUIT WITH WIRES. FOR MULTIPLE WIRES, TAPE AND BUNDLE WIRES AT 10 FT. INTERVALS. WIRING SHALL BE LAID OUT LOOSELY IN THE TRENCH.
- 26 #14 BARE WIRE (TRACE)



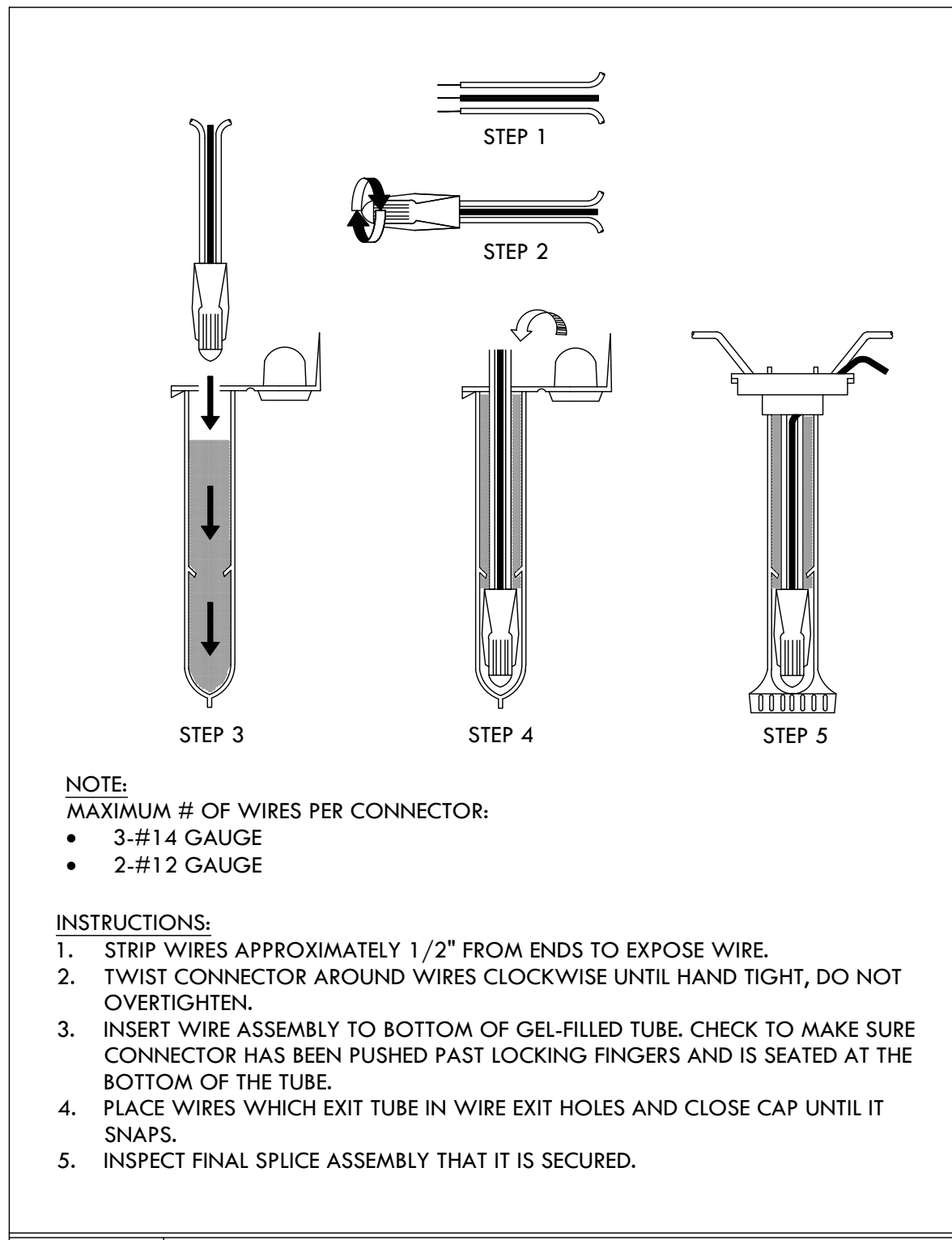
- 1 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
- 2 8" CLASS 160 OR SCHEDULE 40 PVC PIPE (NOTCH TO FIT OVER MAIN LINE PIPE).
- 3 PVC MAIN LINE.
- 4 FINISH GRADE.
- 5 PEA GRAVEL - 4" DEEP (NO SOIL IN VALVE BOX).
- 6 BRICK-2 TOTAL.
- 7 MIRAFIX 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX.
- 8 GATE VALVE WITH X-TOP HANDLE.
- 9 MALE ADAPTER. REFER TO LEGEND FOR FITTING TYPE.
- 10 MIRAFIX 400 WEED FABRIC.



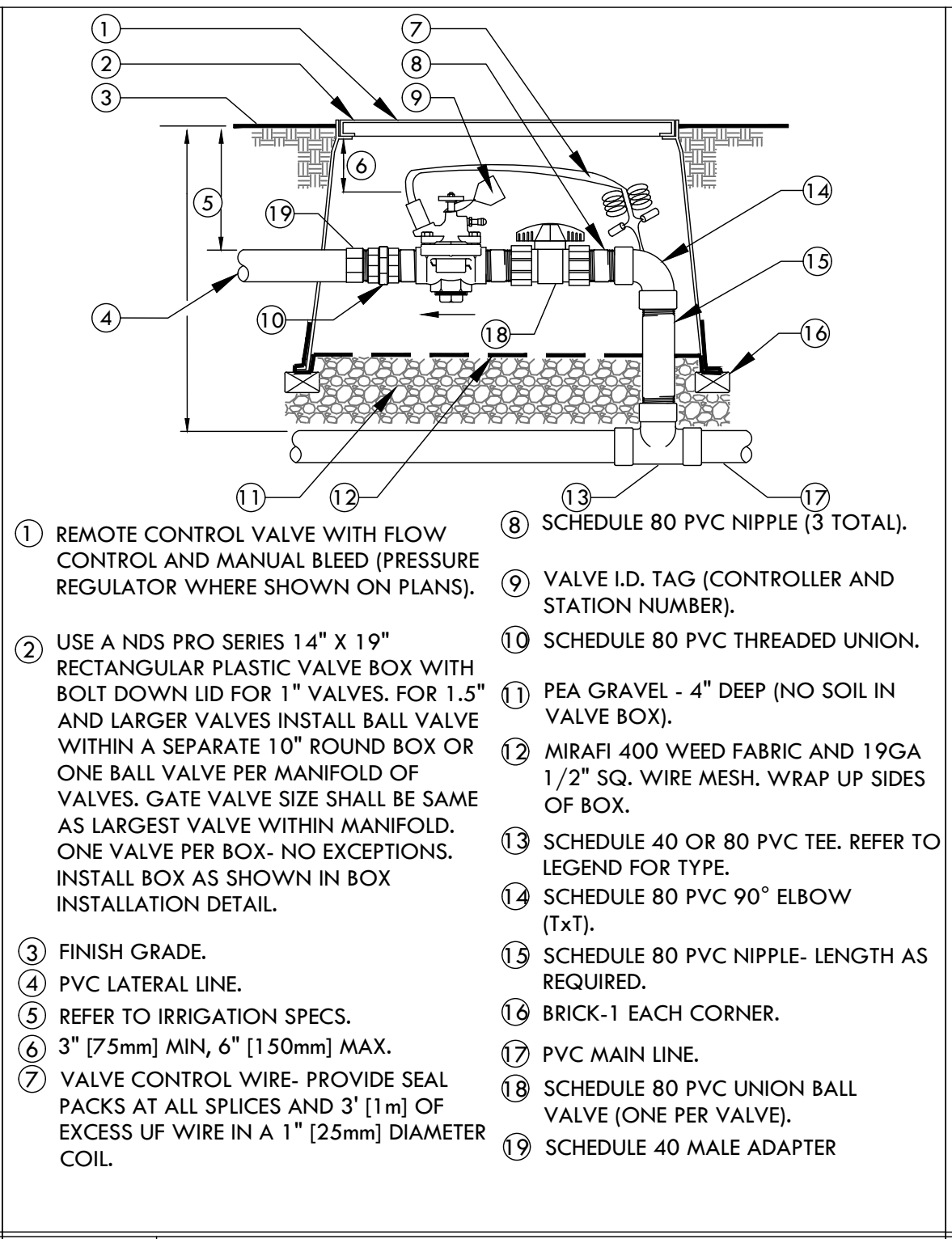
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- 2 8" CLASS 160 OR SCHEDULE 40 PVC PIPE (NOTCH TO FIT OVER MAIN LINE PIPE).
- 3 PVC MAIN LINE.
- 4 FINISH GRADE.
- 5 PEA GRAVEL - 4" DEEP (NO SOIL IN VALVE BOX).
- 6 BRICK-2 TOTAL.
- 7 MIRAFIX 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX.
- 8 GATE VALVE WITH X-TOP HANDLE.
- 9 MALE ADAPTER. REFER TO LEGEND FOR FITTING TYPE.
- 10 MIRAFIX 400 WEED FABRIC.



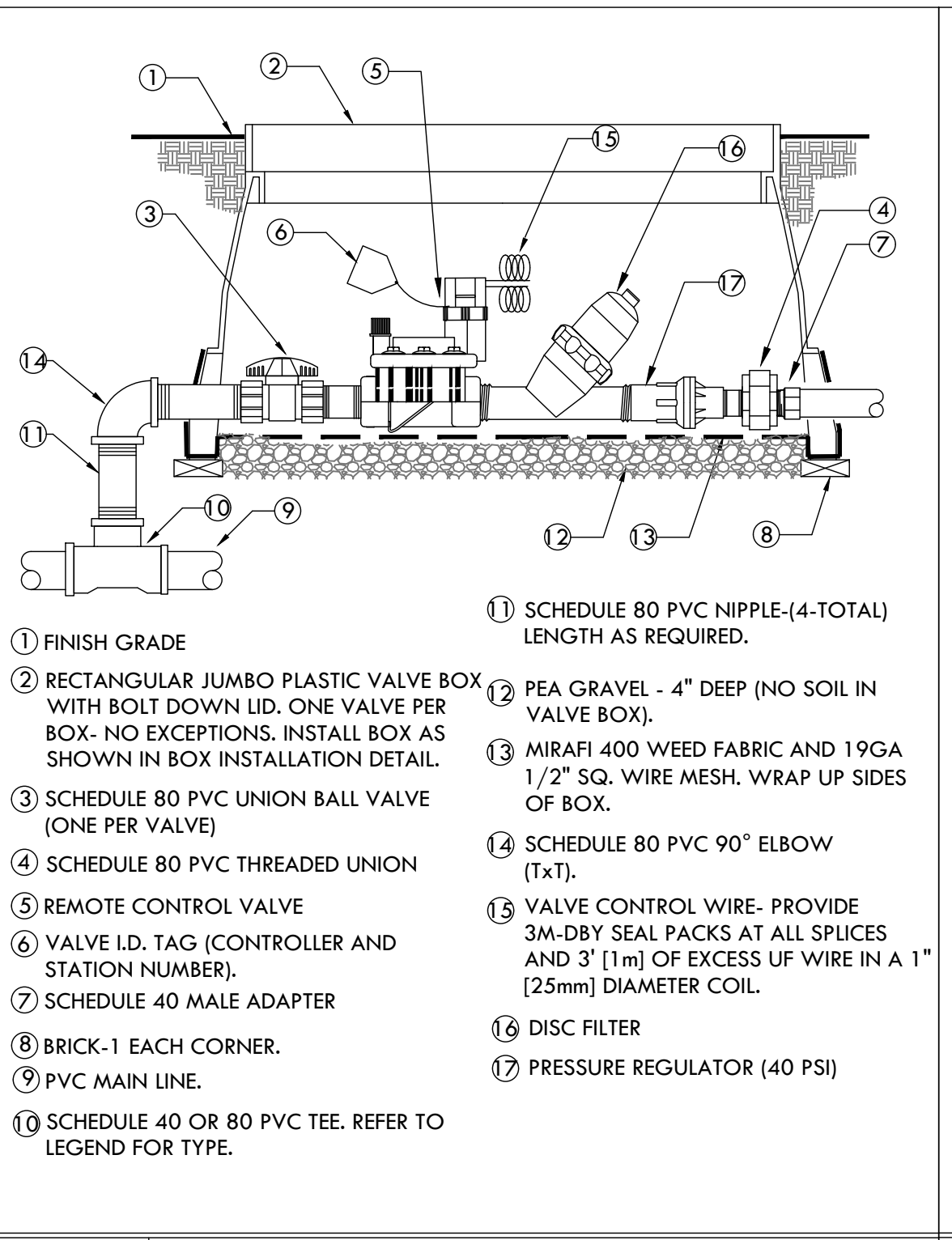
- 1 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
- 2 8" CLASS 160 OR SCHEDULE 40 PVC PIPE (NOTCH TO FIT OVER MAIN LINE PIPE).
- 3 PVC MAIN LINE.
- 4 FINISH GRADE.
- 5 PEA GRAVEL - 4" DEEP (NO SOIL IN VALVE BOX).
- 6 BRICK-2 TOTAL.
- 7 MIRAFIX 400 WEED FABRIC AND 19GA 1/2" SQ. WIRE MESH. WRAP UP SIDES OF BOX.
- 8 GATE VALVE WITH X-TOP HANDLE.
- 9 MALE ADAPTER. REFER TO LEGEND FOR FITTING TYPE.
- 10 MIRAFIX 400 WEED FABRIC.



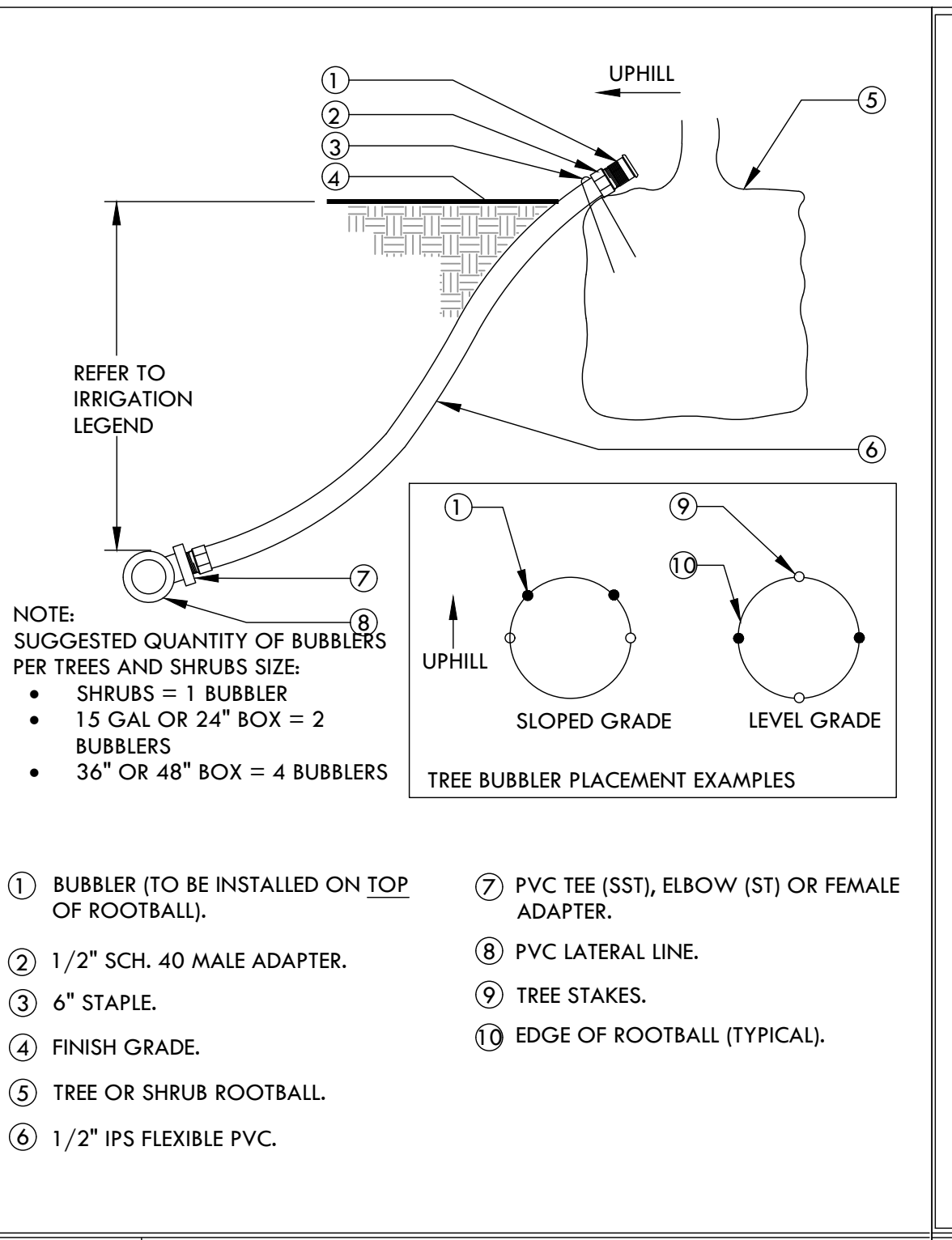
1 WEATHERPROOF WIRE SPICE ASSEMBLY
 SCALE: NONE



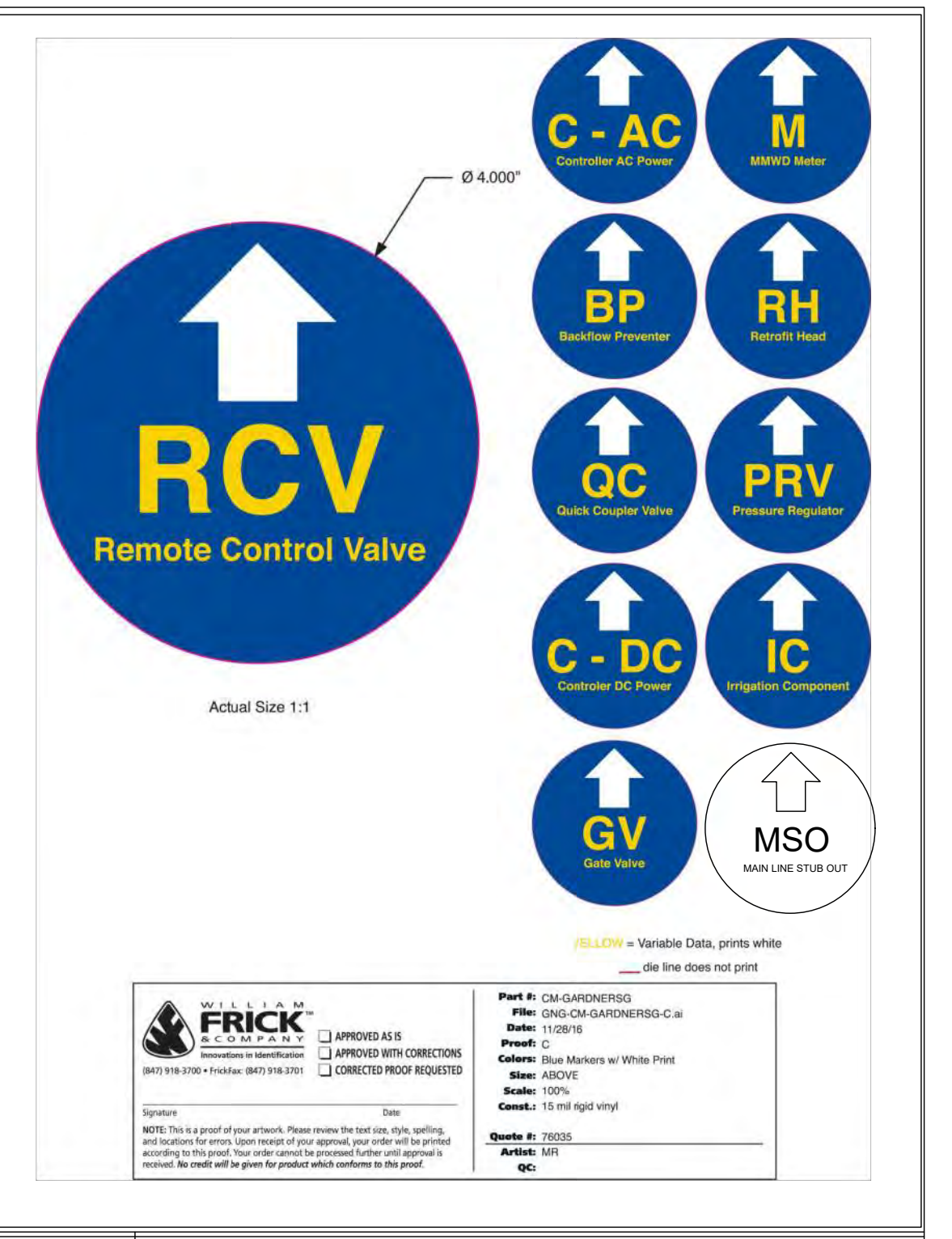
2 REMOTE CONTROL VALVE
 SCALE: NONE



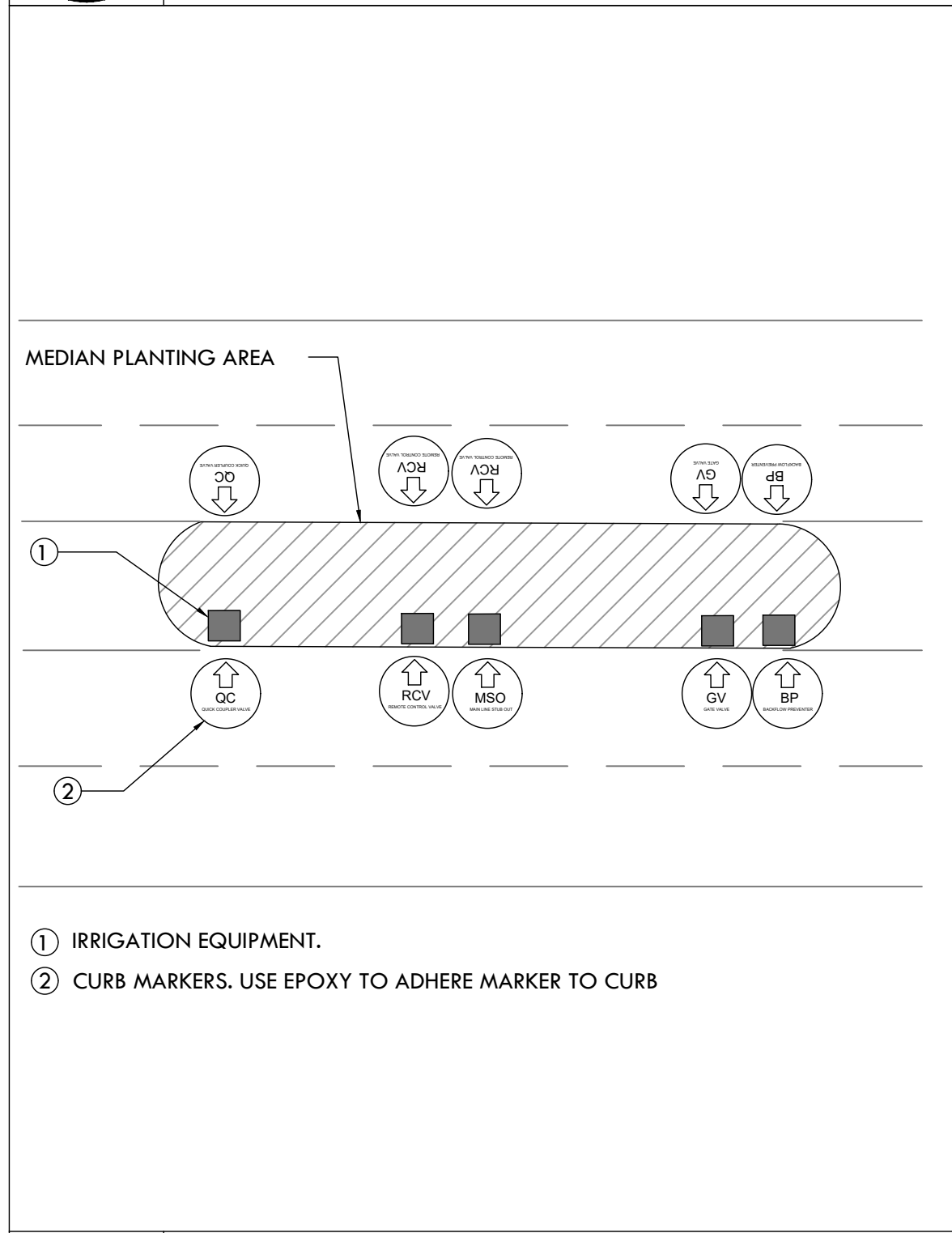
3 REMOTE CONTROL VALVE (DRIPZONE)
 SCALE: NONE



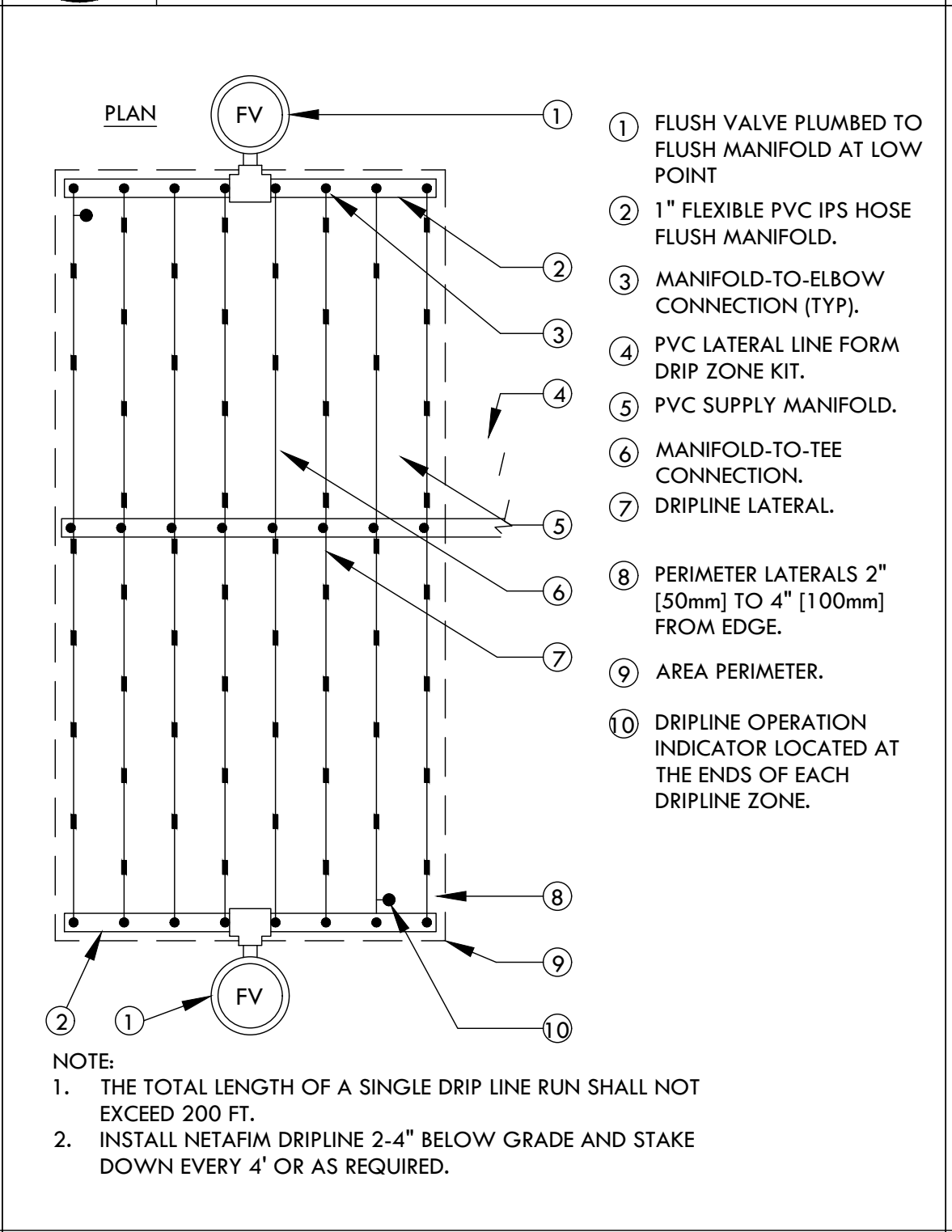
4 TREE AND SHRUB BUBBLER
 SCALE: NONE



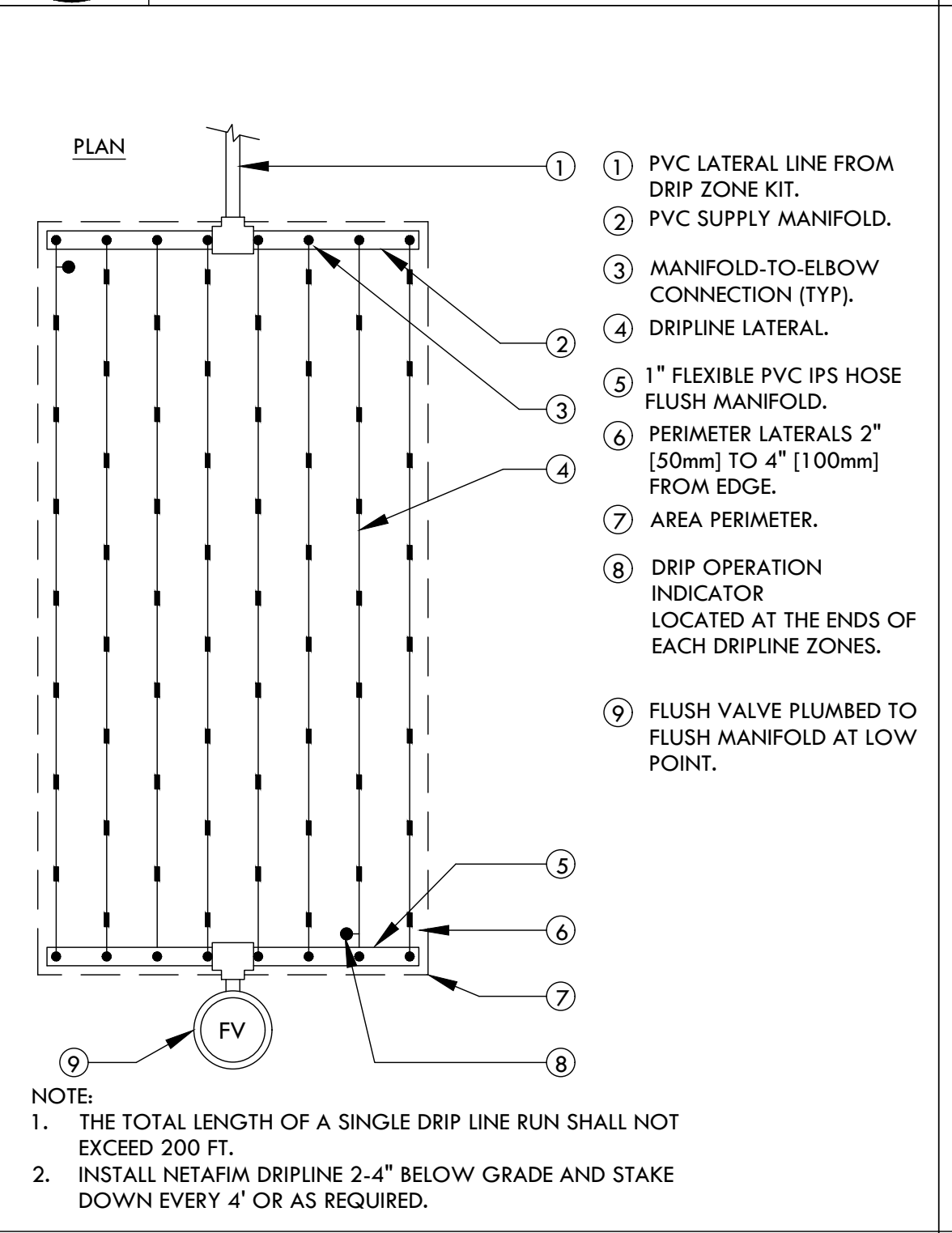
5 CURB MARKER
 SCALE: NONE



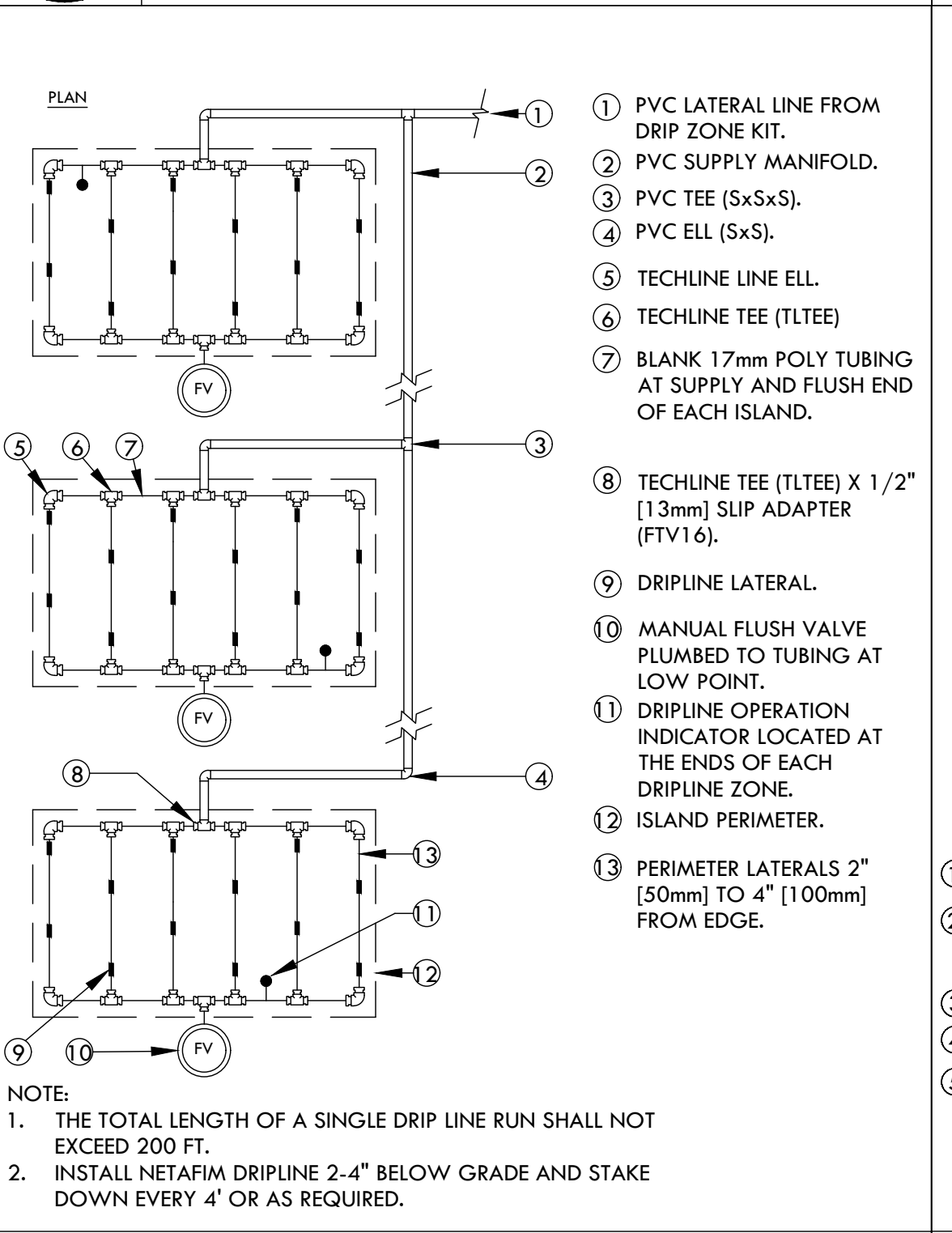
6 CURB MARKER PLACEMENT
 SCALE: NONE



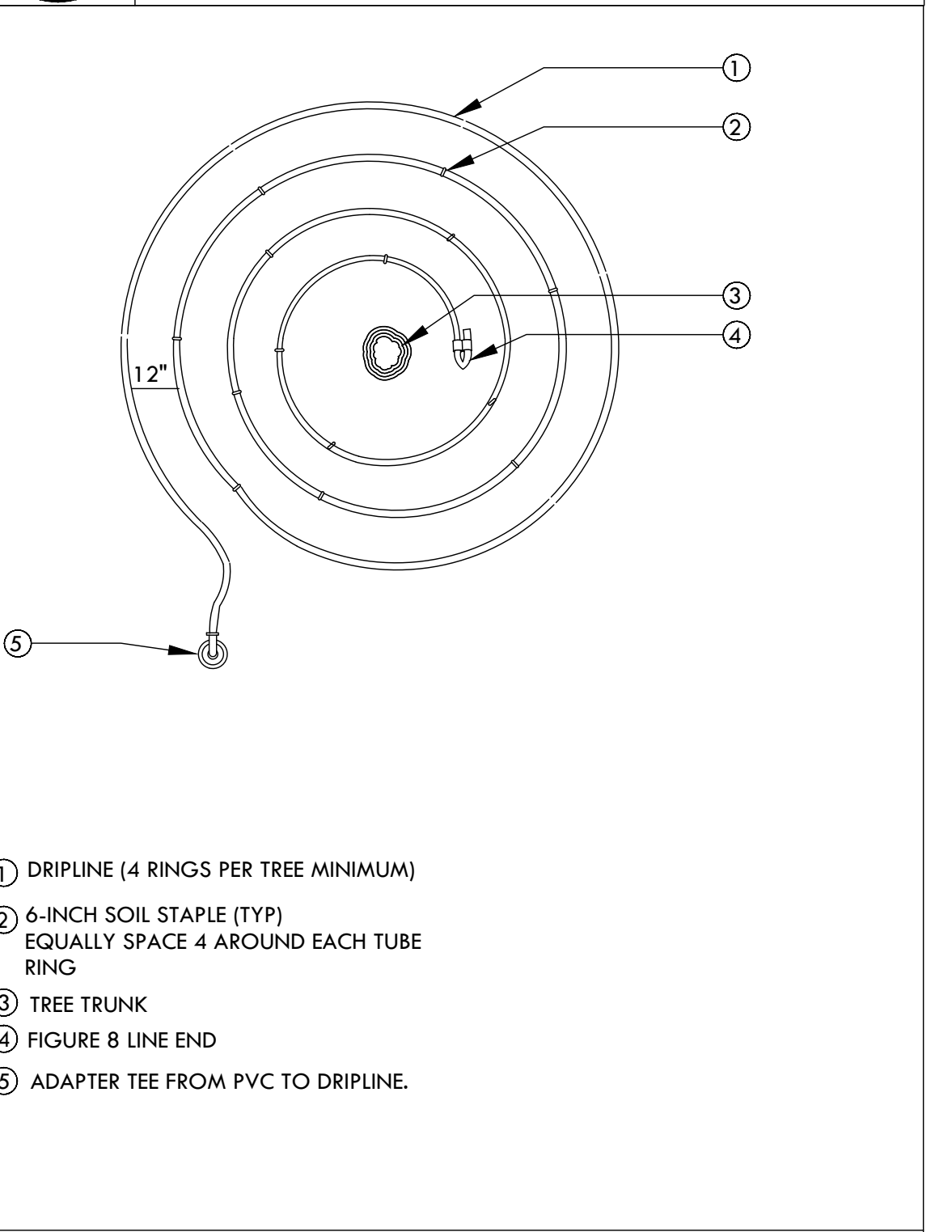
7 TECHLINE CENTER FEED LAYOUT (ADD ALT SCOPE)
 SCALE: NONE



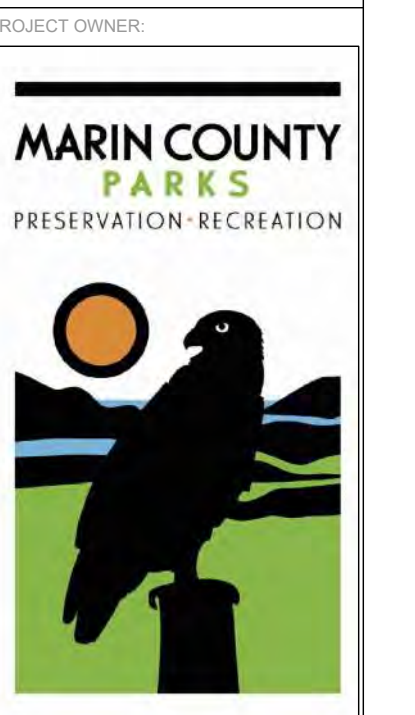
8 TECHLINE END FEED LAYOUT (ADD ALT SCOPE)
 SCALE: NONE



9 TECHLINE ISLAND LAYOUT (ADD ALT SCOPE)
 SCALE: NONE



10 DRIP RINGS AROUND EXISTING TREES
 SCALE: NONE



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DATE: 3/10/23

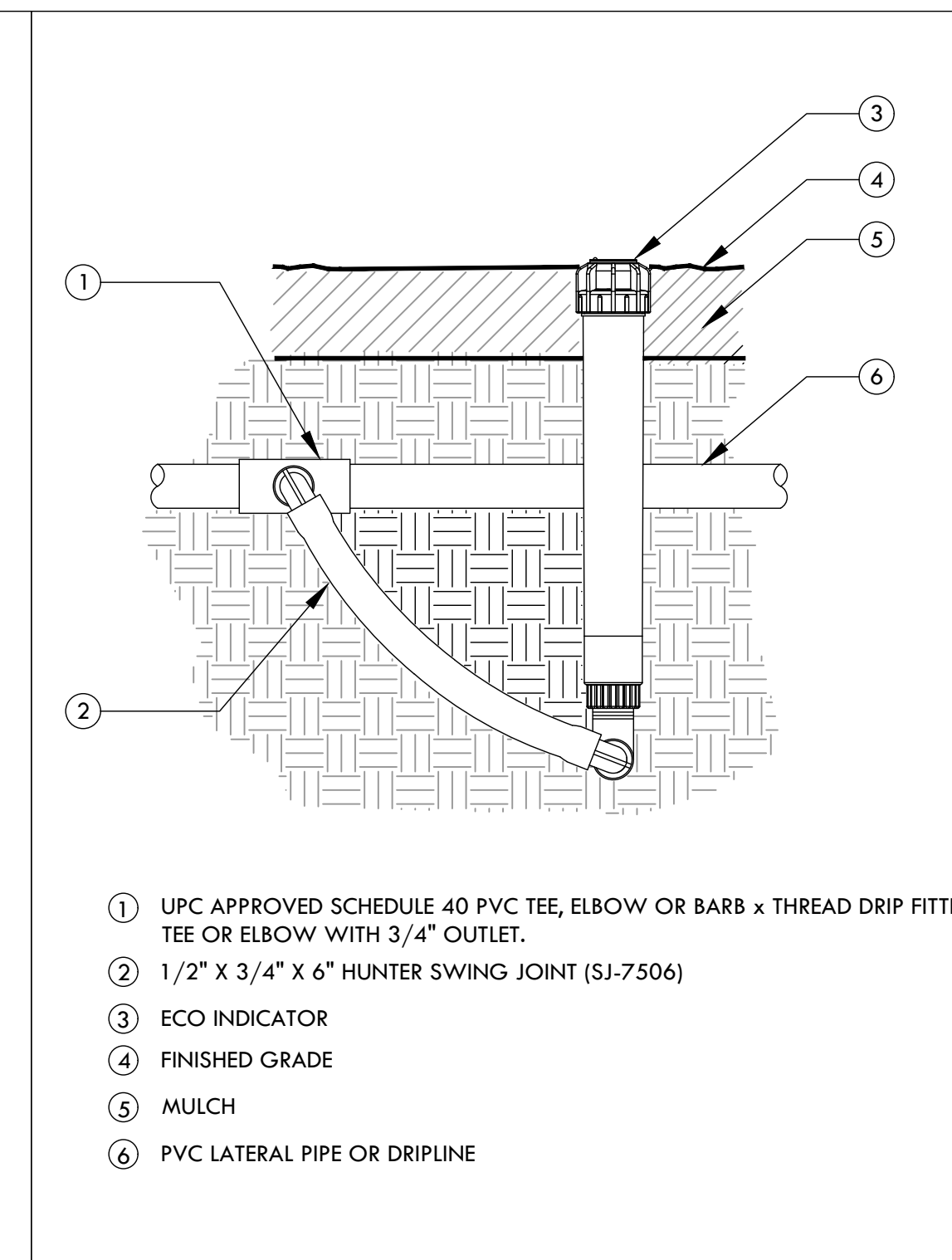
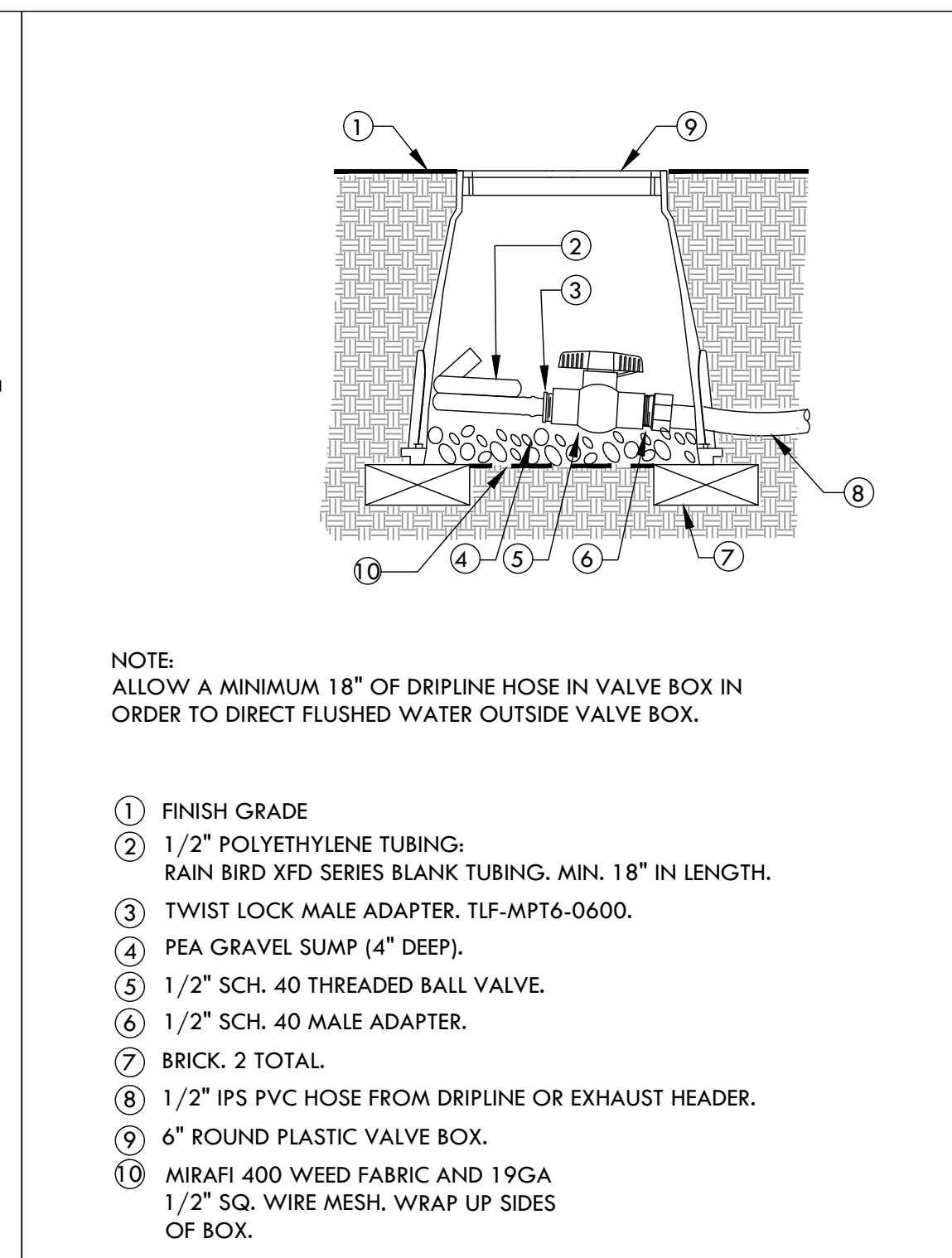
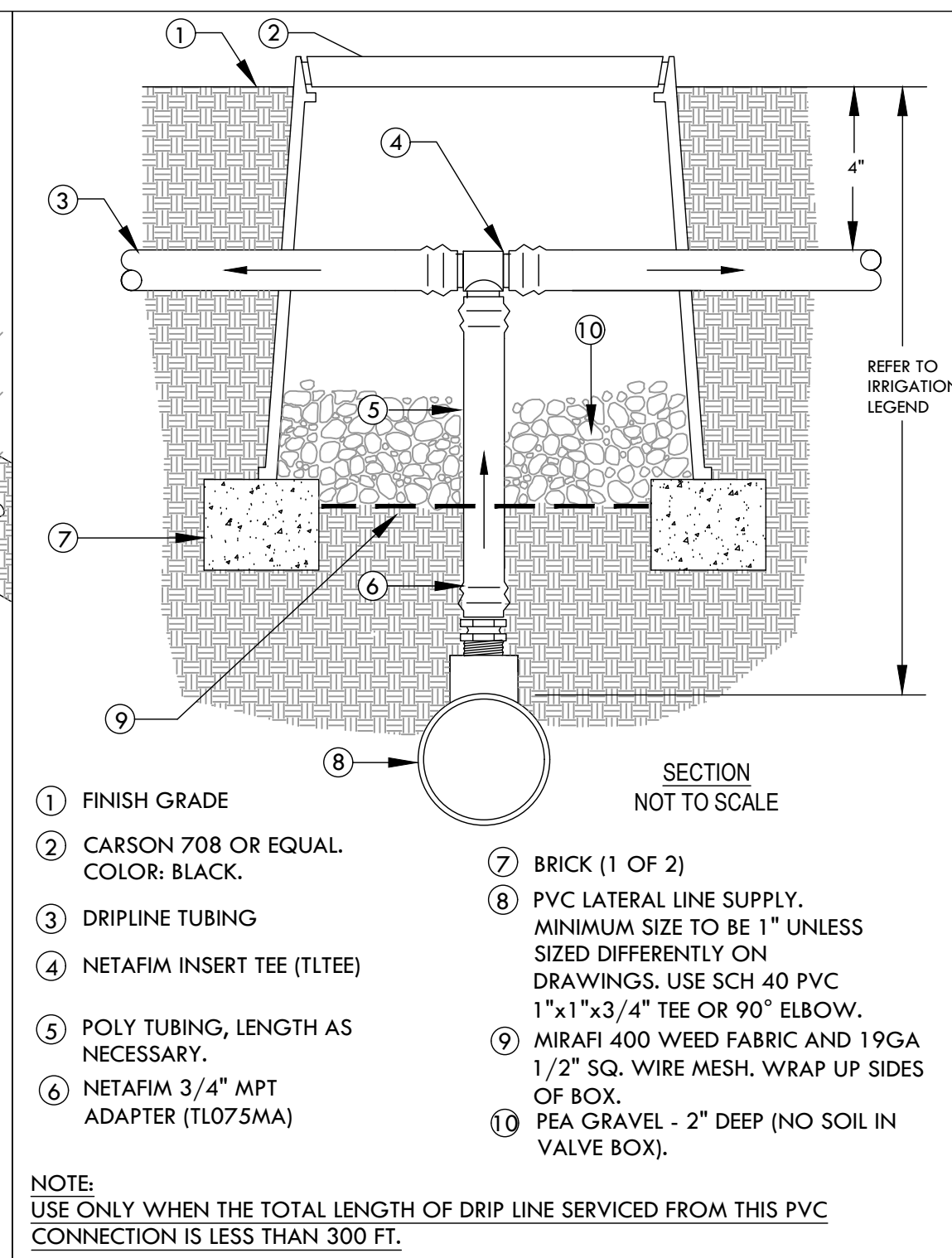
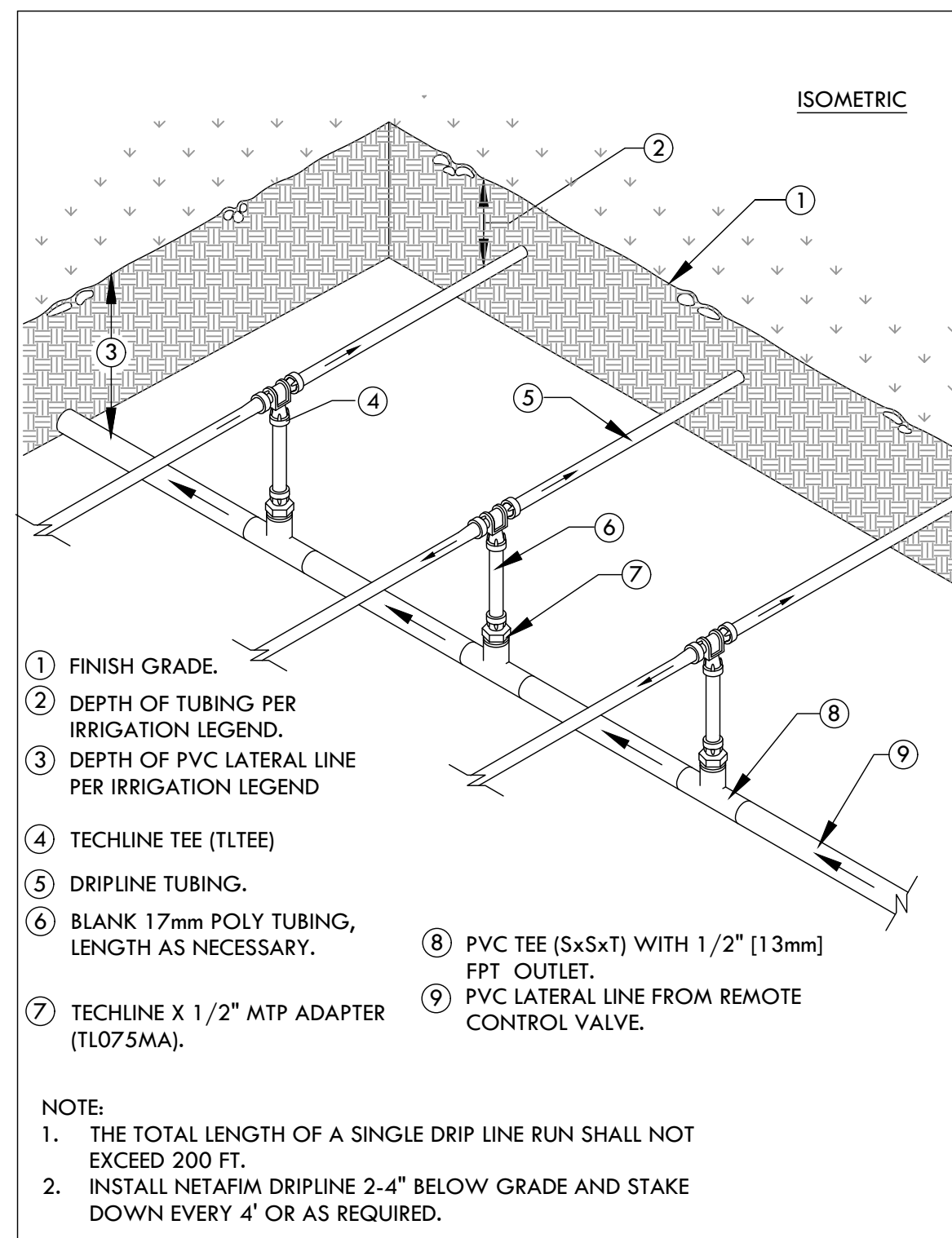
SUBMITTAL: **DRAFT**

REVISIONS

No.	Date	Description



DRAFT

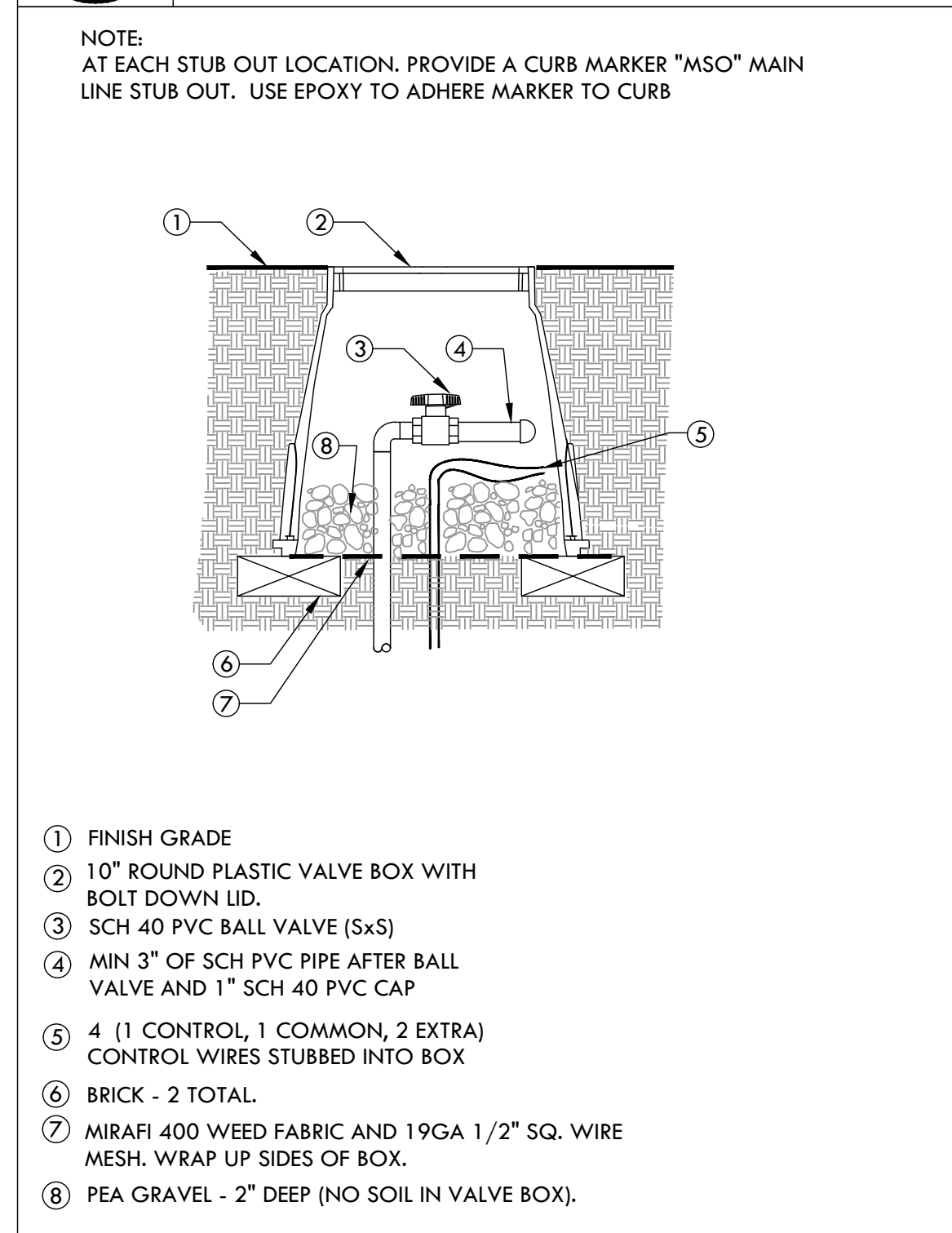


1 TECHLINE CENTER FEED MANIFOLD (ADD ALT SCOPE)
 SCALE: NONE

2 DRIPLINE TO PVC CONNECTION-SINGLE SOURCE DRIP AREAS ONLY (ADD ALT SCOPE)
 SCALE: NONE

3 DRIPLINE-FLUSH POINT (ADD ALT SCOPE)
 SCALE: NONE

4 DRIPLINE OPERATION INDICATOR (ADD ALT SCOPE)
 SCALE: NONE



5 MAIN LINE STUB OUT WITH BALL VALVE & WIRES
 SCALE: NONE

