Dunphy Park Improvement Project Phase 2

The scope of these Bid Documents includes.

- Demolition
- Soil preparation and grading
- Planting and irrigation
- Pedestrian paths
- Shoreline protection fencing
- Site furnishings

OWNER:

CITY OF SAUSALITO
420 LITHO ST
SAUSALITO, CA 94965
(T) 415.289.4100

LANDSCAPE:

RHAA
LANDSCAPE ARCHITECTURE
225 MILLER AVENUE
MILL VALLEY, CA 94941
(T) 415.383.7900

SHEET INDEX

ABBREVIATIONS

AL	ALIGN	GAL	GALLON	SPD	SEE PLUMBING DRAWINGS
AC	ASPHALITIC CONCRETE	GALV	GALVANIZED	SSD	SEE STRUCTURAL DRAWINGS
AD	AREA DRAIN	GB	GRADE BREAK	SCD	SEE CIVIL DRAWINGS
ADA	AMERICANS WITH DISABILITIES ACT	GC	GALLON CAN	SD	STORM DRAIN
		GFRC	GLASS FIBER REINFORCED CONCRETE	SDR	STORM / SLOT DRAIN RIM
AGG	AGGREGATE			SHT	SHEET
ALUM	ALUMINUM	GPM	GALLONS PER MINUTE	SJ	SCORE JOINT
APPX	APPROXIMATE	GRD	GRADE	SMD	SEE MECHANICAL DRAWINGS
ARCH	ARCHITECTURE	HB	HOSE BIB	SPCS	SPACES
BLDG	BUILDING	HDPE	HIGH DENSITY POLYETHYLENE	SPEC'D	SPECIFIED
BOS	BOTTOM OF SLOPE	HDR	HEADER	SPECS	SPECIFICATIONS
BR	BOTTOM OF RAMP	HORIZ	HORIZONTAL	SQ	SQUARE
BS	BOTTOM OF STAIRS	HT	HEIGHT	SF	SQUARE FEET
BX	BOX	ID	INSIDE DIAMETER	SS	STAINLESS STEEL
CAL	CALIPER	INV	INVERT ELEVATION	STD	STANDARD
CALDAG	CALIFORNIA DISABLED ACCESSIBILITY GUIDEBOOK	IRR	IRRIGATION	STL	STEEL
		LF	LINEAR FEET	STPA	STORMWATER TREATMENT
CB	CATCH BASIN	MAWA	MAXIMUM APPLIED WATER ALLOWANCE		PLANTING AREA
CBC	CALIFORNIA BUILDING CODE			SW	SIDEWALK
CJ	CONTROL JOINT	MAX	MAXIMUM	TBD	TO BE DETERMINED
CL	CENTERLINE	MFG	MANUFACTURER	TC	TOP OF CURB
CLF	CHAIN LINK FENCE	MH	MANHOLE	TOF	TOP OF FOOTING
CLR	CLEAR	MIN	MINIMUM	TOW	TOP OF WALL
CO	CLEAN OUT	(N)	NEW	TR	TOP OF RAMP
COL	COLUMN	NIC	NOT IN CONTRACT	TS	TOP OF STAIRS
CONC	CONCRETE	NO	NUMBER	TW	TOP OF WALL
CONST	CONSTRUCTION	NTS	NOT TO SCALE	TYP	TYPICAL
CONT	CONTINUOUS	OC	ON CENTER	UBC	UNIFORM BUILDING CODE
CTR	CENTER	OD	OUTSIDE DIAMETER	UON	UNLESS OTHERWISE NOTED
CY	CUBIC YARD	PA	PLANTING AREA	VERT	VERTICAL
DG	DECOMPOSED GRANITE	PERF	PERFORATED	W	WATER LINE
DI	DRAIN INLET	PERP	PERPENDICULAR	WUCOLS	WATER USE CLASSIFICATION OF LANDSCAPE SPECIES
DIA	DIAMETER	PIP	POURED-IN-PLACE		
DWGS	DRAWINGS	PL	PROPERTY LINE	W/	WITH
EJ	EXPANSION JOINT	POC	POINT OF CONNECTION	@	AT
ELE TRANS	ELECTRICAL TRANSFORMER	PROP	PROPOSED		
ELEV	ELEVATION	PSI	POUNDS PER SQUARE INCH		
EQ	EQUAL	PVC	POLYVINYL-CHLORIDE		
EQUIP	EQUIPMENT	QTY	QUANTITY		
ETWU	ESTIMATED TOTAL WATER USE	R	RADIUS		
(E)	EXISTING	RB	ROOTBALL		
FFE	FINISH FLOOR ELEVATION	REBAR	REINFORCING BAR		
FG	FINISH GRADE	REC	RECOMMENDATION		
FL	FLOWLINE	REQ'D	REQUIRED		
FOB	FACE OF BUILDING	RGH	ROUGH		
FOC	FACE OF CURB	RIM	RIM ELEVATION		
FT	FOOT/FEET	RWD	REDWOOD		
FTG	FOOTING	SAD	SEE ARCHITECTURAL DRAWINGS		
GA	GAUGE	SED	SEE ELECTRICAL DRAWINGS		

Vicinity Map (NTS)

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PROJECT/CLIENT NAME

Dunphy Park Improvement Project Phase 2

200 Napa Street
Sausalito, CA 94965

Owner:
City of Sausalito
420 Litho St.
Sausalito, CA 94965

RHAA PROJECT NUMBER

16042A

CONSULTANT

SUBMITTAL

Bid Documents

DATE

22 AUGUST 2025

REVISIONS

No.	Date	Description

REGISTRATION AND SIGNATURE

LICENSED LANDSCAPE ARCHITECT
License No.
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

Public Works Director:
Date:

1" = 30'-0"
0 10' 20' 30' 60'
N

SHEET TITLE

COVER SHEET

DRAWN BY: TS / QU CHECKED BY: JM

L0.0

Date Plotted: 8/22/2025 4:13 PM

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Architecture
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STATE OF CALIFORNIA

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Date:

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0 10' 20' 30' 60'
N

SHEET TITLE

ILLUSTRATIVE
SITE PLAN

DRAWN BY: TS / QU CHECKED BY: JM

L0.1

GENERAL NOTES

1. These drawings and specifications describe the quality and character of the materials, shape, configuration and design intent of the completed, installed work. The contractor is responsible for providing complete and operational systems and installations of the described design intent, including all miscellaneous items of work, materials, equipment, etc., necessary to complete the installation whether or not mentioned in the specifications or shown on the drawings. All materials shall be furnished and properly installed by the contractor unless otherwise noted.

2. The installed work shall conform to the requirements of the governing building authority; requirement of the City of Sausalito, Marin Municipal Water District, and any other permitting agency; all special requirements and conditions of the design review permit and building permit; and all applicable codes, laws, standards, etc.

3. The contractor shall examine the drawings and specifications and clearly understand the existing conditions under which the work is to be performed prior to bidding. The contractor shall be familiar with the project site, field investigate, verify and be responsible for all conditions, elevations and dimensions of the project, as shown on or referenced on the drawings. The contractor shall notify the owner's representative about any condition requiring modification or clarification prior to bidding. Entering into an agreement with the owner indicates that the contractor has visited the site, familiar with the existing conditions and fully understands the requirements of the contract documents. No allowances of any kind will be made for any extra cost due to the contractor's failure to inform the owner of discrepancies in time to issue corrective addenda prior to bidding.

4. All general notes, dimensions, and details shall be considered typical and apply to similar conditions unless otherwise noted. Specific notes, details and specifications shall take precedence over general notes and typical details.

5. The contractor is responsible for the coordination of all work between trades, subcontractors, manufacturers, fabricators, and all other contracted for the completion of the work, including those under separate contracts for concurrent projects.

6. The contractor is responsible for all testing, inspections and reporting as outlined in the contract document and as required by the permitting authorities to complete the work.

7. All work shall be in accordance with the recommendations specified in the Geotechinical Study Report prepared by RGH Consultants, dated June 9, 2015, Addendum No. 1, dated August 22, 2017. The recommendations of the report shall supersede the information found within these contract documents (drawings and specifications).

8. The site plan and proposed grading has been developed based on the Boundary and Topographic Survey by Linda A Carruthers & Associates, dated 12/09/13 and revised 6/15/17.

9. All underground utilities shown on these plans reflect the available records. Contractor shall use caution in all excavation operations. Contractor shall be aware that they may encounter burn ash type waste. The contractor is responsible to investigate and verify all existing and proposed conditions as shown or referenced in the documents, including location and depth of all utilities. The contractor shall immediate notify the owner's representative of any conflicts and/or discrepancies between existing and proposed conditions which will affect the work, before proceeding with the work.

10. Contractor shall notify underground service alert (usa 800-642-2444) two working days minimum prior to any excavation.

11. The contractor shall comply with the requirements of the division of industrial safety pertaining to "confined space". Any manhole, culvert, drop inlet or trench, which could contain air that is not readily ventilated, may be considered a "confined space".

12. Provide adequate protection for all proposed and existing utilities during the construction of this project.

13. All existing utility structures (shown or not shown on the drawings) within the area of work shall be adjusted or reconstructed to the finish grades shown and specified.

14. Utility connections and disconnections necessary to complete the work shall be performed in such a manner as to minimize utility service interruptions. Contractor shall coordinate all "down time" with the owner's representative and the appropriate utility and/or agency.

15. Refer to civil drawings for information and location of all existing and proposed utilities.

16. Refer to structural and architectural drawings for information regarding all structural connections, waterproofing, building systems and requirements.

17. The contractor shall protect existing facilities, trees, landscape and other items to remain from damage. Any damage caused by the contractor shall be repaired or replaced at no additional cost to the owner. The contractor shall provide barricades, signs, lights, etc. for the protection of public, personnel, property, and material and to prevent uncontrolled access to the site at all times. The contractor shall assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property, and not limited to normal working hours.

18. The contractor shall provide accessible egress and ingress to on-site facilities that are to remain operational during construction.

19. Any permanent monuments or points damaged or destroyed by construction activities shall be replaced by a licensed engineer or land surveyor at the contractor's expense.

20. The contractor shall employ all means necessary to control airborne particulate (dust) at and near the construction site of work and along approach routes to the construction site and in compliance with local air quality standards.

21. Contractor shall maintain "good housekeeping" practices at the job site. Excess building materials and debris shall be removed promptly from the job site and disposed of at an approved dumpsite. The job site shall be left "broom clean" at the end of each workday. Before acceptance by the owner's representative, the completed construction shall be cleared, any applicable labels removed, and all other touchup work completed. All finish materials shall be protected at all times against subsequent damage until final acceptance by the owner's representative.

22. The contractor shall contact the owner's representative for designation of the equipment and material storage and staging areas at the job site.

23. Wastewater generated during construction shall not be discharged to the storm drain system. If necessary, the contractor shall provide an area for on-site washing activities during construction. Materials that could contaminate stormwater runoff shall be stored in areas which are designed to prevent exposure to rainfall and prevent runoff. Grading and drainage features shall be constructed so that water flow does not drain to other properties. Flushing of streets and parking lots to remove dirt and construction debris is prohibited unless proper sediment controls are used.

24. Refer to civil drawings for the stormwater pollution prevention plan (swppp). If no plan is provided, it is the responsibility of the contractor to provide a swppp to the appropriate agency for approval.

25. The contractor shall prepare a traffic control plan for review and approval by the appropriate agency prior to any work requiring traffic control. The contractor shall be provide traffic controls in accordance with caltrans "manual of traffic controls for construction and maintenance work zones" (current edition) and any additional city, county, district or other agency requirements. Failure to comply may result in immediate stoppage of work until the proper traffic control is in place.

26. The contractor is responsible for conforming to all improvements to the adjacent existing conditions with smooth transitions to avoid any abrupt or apparent changes in grades, cross slope, hazardous conditions, etc.

27. The contractor shall immediately notify the owner's representative of any revisions or additional work required as a result of field conditions or local governing authorities. All revisions shall be in written change order form and approved and authorized by the owner's representative before proceeding with the work. Work performed without written authorization shall be the full responsibility of the contractor and at no additional cost to the owner.

28. In designated environmentally sensitive areas, 1' maximum excavation depth is permitted.

29. If any waste is encountered during install and excavation, do not install in waste and contact city representative and landscape architect.

30. When soil is removed, documentation should be provided on the quantity of soil/waste removed, any testing, and receipts/invoices/manifests showing where the soil/waste was disposed of.

31. Record any waste discoveries across the site during construction, including wastes that may extend beyond the MHHW and within the southern shoreline environmentally sensitive areas. Document with photos and GIS coordinates and include all information in the Final Report at the end of the project.

32. Contractor to create a Health and Safety Plan. Air monitoring of VOCs and methane should be included as well as any hazards related to working with burn ash. For more information regarding potential hazards from burn ash, please see the Protocol for Burn Dump Site Investigation and Characterization dated June 30, 2003 (Protocol For Burn Dump Site Investigation and Characterization, June 30, 2003).

33. Upon completion of the work, a Final Report should be submitted to the LEA for review and approval that contains, at a minimum, as-built drawings showing the project was implemented per design, information from Notes 30 and 31 above, daily field reports, and photographs.

34. Contractor to provide staging and access plan in coordination with City of Sausalito.

General References

The contractor shall conform with all applicable 2016 California building, plumbing, electrical, mechanical, energy and green building codes.

The contractor shall comply with all requirements of the City of Sausalito, Marin Municipal Water District requirements, and the state water efficient landscape ordinance.

California Building Code (Caliiifornia Code of Regulations Title 24), current addition

Local air quality maintenance district for airborne particulate

Uniform Building Code (UBC)

Caltrans standards

CAL-OSHA, 'Construction Safety Orders' and division of industrial safety pertaining to "Confined Space", current edition

Current standards of the Americans with Disabilites Act (ADA)

California regional water quality control board requirements.

Latest edition of the uniform plumbing code and the national electric code.

California 1881 model water landscape ordinance or adopted local ordinance.

Quality Control Notes

1. Contractor to provide mockups of all paving materials, walls, etc. for approval
2. Contractor to submit shop drawings, product technical data sheets, and material samples for approval.
3. Contractor to submit soil analysis reports for all planting soils for approval.
4. All approved submittals, test results, products, systems, shop drawings, materials, and mockups will be considered part of the project specifications.

Accessibility Notes

1. All site work shall comply with current california building code (caliifornia code of regulations title 24), current standards of the americans with disabilites act (ada), and the current fair housing act design manual.
2. All paving areas shall be accessible per title 24. All paving surfaces are to be stable, firm, and slip resistant with cross slopes not to exceed 2% in any direction, unless otherwise noted. Accessible paths of travel are barrier-free access routes at least 48" clear in width and without any abrupt vertical level changes exceeding 1/2" if beveled at 1:2 max slope, or vertical level changes not exceeding 1/4" max. All accessible pathways shall be sloped less than 5% in the direction of travel, unless otherwise noted.
3. All accessible paths of travel shall be maintained free of overhanging obstructions below 80" above finish grade. Objects with leading edges located between 27"and 80" above finish grade shall not protrude more than 4" horizontally into the path of travel. exceptions include handrails, door closers, and door stops. guardrails or other barriers shall be provided where object protrusion is beyond the limits allowed.

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RHAA PROJECT NUMBER

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CONSULTANT

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No.	Date	Description

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Date:

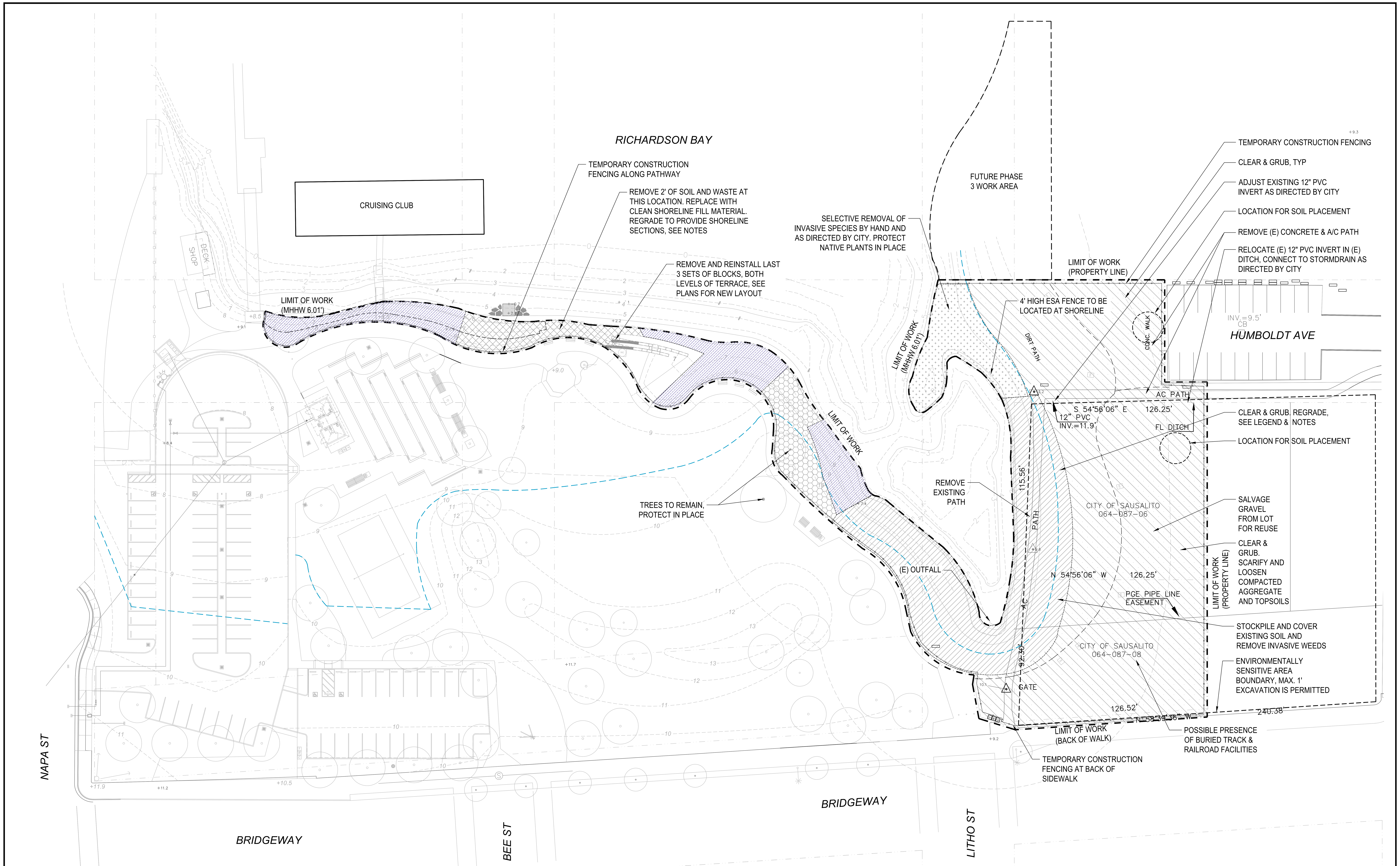
SHEET TITLE

GENERAL NOTES

DRAWN BY: TS / QU **CHECKED BY: JM**

L1.0

Date Plotted: 8/22/2025 4:14 PM



LEGEND		
SYMBOL	DESCRIPTION	AREA
(hatch)	CLEAR & GRUB. REGRADE AS REQUIRED TO PROVIDE SHORELINE SECTIONS. ANY SOIL OR WASTE REMOVAL PER NOTES 30 & 31 ON L1.0 AND 4 ON L1.1.	11,289 SF
(hatch)	CLEAR & GRUB. SCARIFY AND LOOSEN COMPACTED SOILS. REFER TO SPECIFICATIONS FOR MORE INFORMATION ON SITE & SOIL PREPARATION.	30,422 SF
(dot pattern)	SELECTIVE REMOVAL OF INVASIVE SPECIES BY HAND AND AS DIRECTED BY CITY STAFF. ALL NATIVE PLANTS TO BE PROTECTED IN PLACE.	3,083 SF
(purple hatch)	SOIL REMEDIATION WAS COMPLETED AT THIS LOCATION AS PART OF PHASE 1 WORK. REMOVE ANY INVASIVE SPECIES PRESENT BY HAND.	5,135 SF

(crosshatch)	REMOVE 2' OF SOIL AND WASTE AT THIS LOCATION. REPLACE WITH CLEAN SHORELINE SOIL. REGRADE TO PROVIDE SHORELINE SECTIONS. SEE NOTES 30 & 31 ON L1.0 AND 3 & 4 ON L1.1.	1,750 SF
(hexagon pattern)	SOIL REMEDIATION WAS COMPLETED AT THIS LOCATION AS PART OF PHASE 1 WORK. REMOVE ANY INVASIVE SPECIES PRESENT BY HAND.	2,197 SF
(dashed box)	ENVIRONMENTALLY SENSITIVE AREA BOUNDARY, MAX. 1' EXCAVATION IS PERMITTED	
(dash-dot line)	PARCEL LINE	
(heavy dashed line)	LIMIT OF WORK LINE	
(blue dashed line)	100 YEAR XHT 9.53'	

DEMOLITION NOTES

1. CONTRACTOR TO PROTECT IN PLACE ALL EXISTING PARK PATHWAYS AND IMPROVEMENTS.
2. CONTRACTOR TO MITIGATE ANY DAMAGE TO EXISTING IMPROVEMENTS INCLUDING GATES & PATHWAYS.
3. IN AREA WITH 2' REMOVAL OF SOIL, DOCUMENTATION SHOULD BE PROVIDED ON THE QUANTITY OF SOIL / WASTE REMOVED, ANY TESTING, AND RECEIPTS / INVOICES / MANIFESTS SHOWING WHERE THE SOIL / WASTE WAS DISPOSED OF.
4. SOIL AND WASTE REMOVAL & REPLACEMENT REQUIREMENTS AS PER "INTERIM FINAL COMPLETION REPORT SHORELINE SOIL EXCAVATION, REPLACEMENT & STOCKPILE REMOVAL" DATED DECEMBER 2023 AND "TECHNICAL MEMORANDUM: SHORELINE SOIL EXCAVATION AND DISPOSAL RECOMMENDATIONS - DUNPHY PARK IMPROVEMENT PHASE 2" DATED SEPTEMBER 2024 PREPARED BY GEO-LOGIC ASSOCIATES FOR THE CITY OF SAUSALITO.
5. FOR SHORELINE SECTIONS SEE SHEETS L4.2 - L4.4
6. REFER TO SOIL PLACEMENT PLAN L3.0 FOR ADDITIONAL INFORMATION ON SOIL TYPES.
7. ARCHAEOLOGIST AND NATIVE AMERICAN MONITOR TO BE ON SITE FOR ANY SOIL DISTURBANCE.

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LICENSED LANDSCAPE ARCHITECT — Signature 05-31-2026 Renewal Date 08-22-2025 Date — STATE OF CALIFORNIA

Public Works Director:
Date:

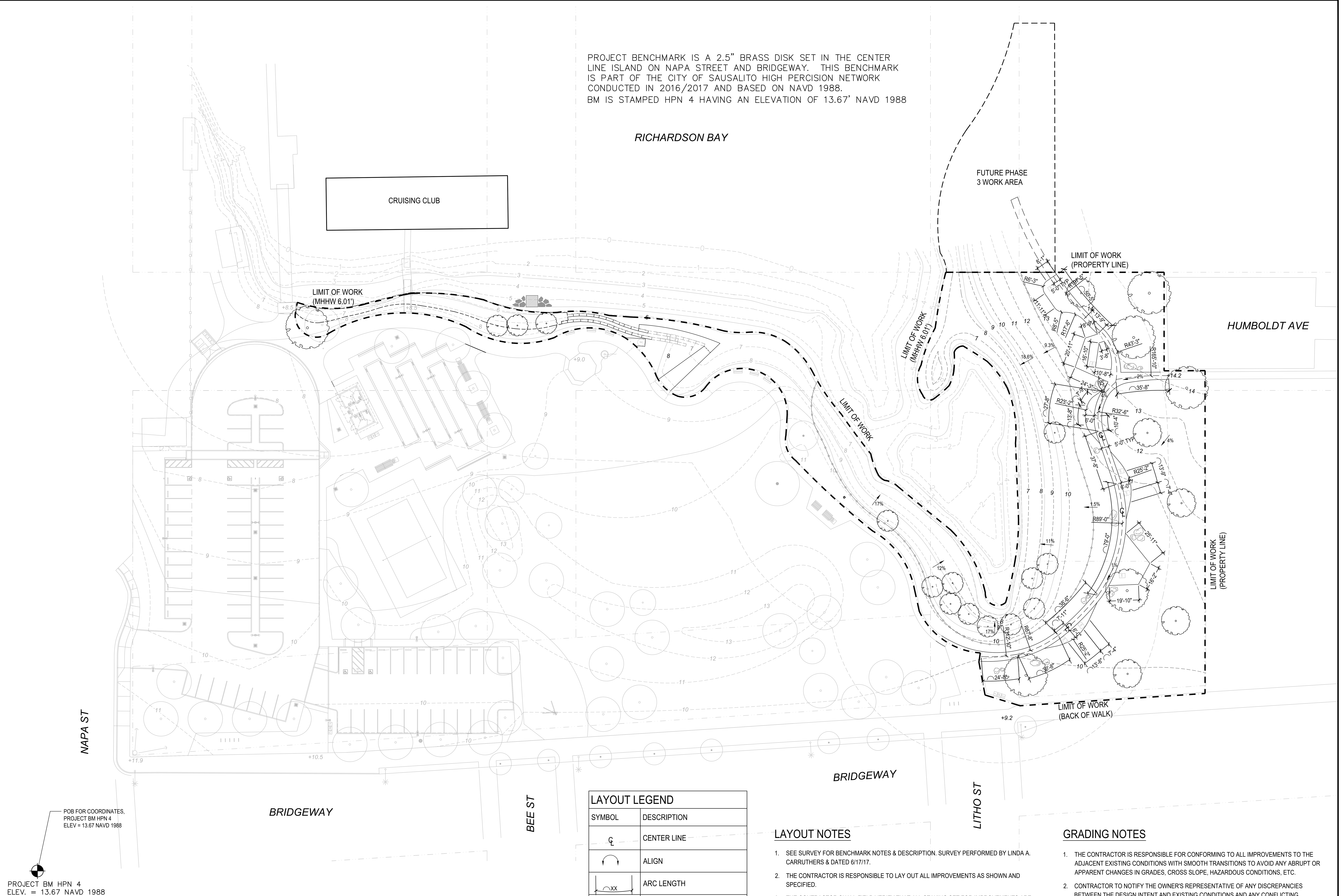
SCALE
1" = 30'-0"
0 15' 30' 60'
N

SHEET TITLE
DEMOLITION PLAN

DRAWN BY: TS / QU CHECKED BY: JM

L1.1

Date Plotted: 8/22/2025 4:14 PM



LAYOUT LEGEND

SYMBOL	DESCRIPTION
℄	CENTER LINE
	ALIGN
XX	ARC LENGTH
EQ	EQUAL
(E)	EXISTING
R XX	RADIUS
OC	ON CENTER
	PARCEL LINE
	LIMIT OF WORK

LAYOUT NOTES

1. SEE SURVEY FOR BENCHMARK NOTES & DESCRIPTION. SURVEY PERFORMED BY LINDA A. CARRUTHERS & DATED 6/17/17.
2. THE CONTRACTOR IS RESPONSIBLE TO LAY OUT ALL IMPROVEMENTS AS SHOWN AND SPECIFIED.
3. THE CONTRACTOR SHALL FIELD VERIFY THAT ALL STAKING SET FOR IMPROVEMENTS ARE CONSISTENT WITH THE DESIGN INTENT OF THESE PLANS AND IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT OF ANY DISCREPANCY.
4. ALL CURVES TO BE CONTINUOUS WITH SMOOTH TRANSITIONS AS SHOWN IN THE DRAWINGS, UNLESS OTHERWISE NOTED.
5. HORIZONTAL COORDINATES AND DIMENSIONS ARE SHOWN AT THE PRIMARY GEOMETRIC CONTROL POINTS FOR THE IMPROVEMENTS TO AID THE CONTRACTOR WITH THE ESTABLISHMENT OF THE HORIZONTAL LOCATION OF THE IMPROVEMENTS AND ARE BASED ON THE SURVEY AND COORDINATES PROVIDED BY THE CIVIL ENGINEER.
6. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL AND ENGINEERING PLANS FOR THE LAYOUT, DIMENSIONS, ANGLES AND ELEVATIONS OF ALL BUILDINGS, STRUCTURES, UTILITIES, CURBS AND GUTTERS.

GRADING NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING TO ALL IMPROVEMENTS TO THE ADJACENT EXISTING CONDITIONS WITH SMOOTH TRANSITIONS TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES, CROSS SLOPE, HAZARDOUS CONDITIONS, ETC.
2. CONTRACTOR TO NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE DESIGN INTENT AND EXISTING CONDITIONS AND ANY CONFLICTING INFORMATION REGARDING FINISH GRADES AND ELEVATIONS.
3. ALL EXISTING UTILITY STRUCTURES (SHOWN OR NOT SHOWN ON THE DRAWINGS) WITHIN THE AREA OF WORK SHALL BE ADJUSTED OR RECONSTRUCTED TO THE FINISH GRADES SHOWN AND SPECIFIED.
4. ALL FINISH GRADES AND CONTOURS IN PLANTING AREAS REFER TO FINISH GRADE OF THE MULCHED LANDSCAPE.

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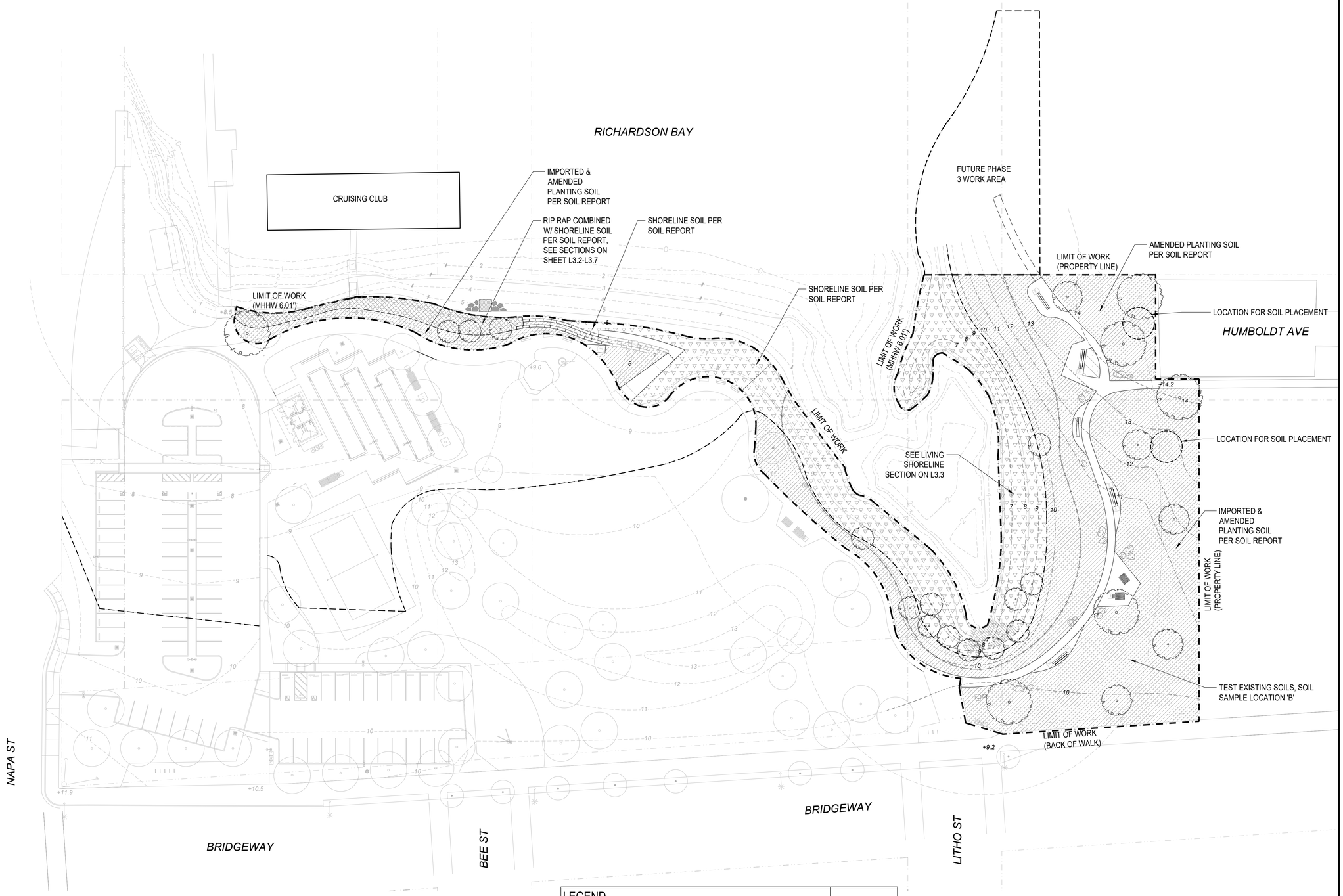
SHEET TITLE

LAYOUT PLAN & GRADING PLAN

DRAWN BY: TS / QU CHECKED BY: JM

L2.0



LEGEND		
SYMBOL	DESCRIPTION	AREA
	IMPORTED & AMENDED PLANTING SOIL PER SOIL REPORT	34,157 SF
	RIP RAP W/ SHORELINE SOIL, SEE NOTES	1,760 SF
	SHORELINE SOIL, SEE NOTES	14,997 SF
	PARCEL LINE	
	LIMIT OF WORK LINE	
	100 YEAR XHT 9.53'	

SOIL MANAGEMENT NOTES

1. CONTRACTOR TO PROVIDE TESTING AND SOIL REPORT FOR (E) SOIL PRIOR TO STOCKPILING PER SPECIFICATIONS. CONTRACTOR TO AMEND ANY SALVAGED SOIL PER SOIL REPORT RECOMMENDATION.
2. REFER TO SPECIFICATIONS FOR DETAILED SOIL AND STOCKPILING INFORMATION.
3. TREES WITHIN NEW PLANTING AREAS TO RECIEVE AMENDED PLANTING SOIL AT 2X ROOTBALL DIMENSION. TREES WITHIN EXISTING TURF AREAS TO RECIEVE AMENDED PLANTING SOIL AT 3X ROOTBALL DIMENSION
4. SHORELINE SOIL TO BE APPROPRIATE FOR INTERTIDAL PLANT GROWTH, SUCH AS RELOCATED DREGDE MATERIAL OR APPROVED EQUAL, SEE SPECS.
7. ARCHAEOLOGIST AND NATIVE AMERICAN MONITOR TO BE ON SITE FOR ANY SOIL DISTURBANCE.

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SOIL PLACEMENT PLAN

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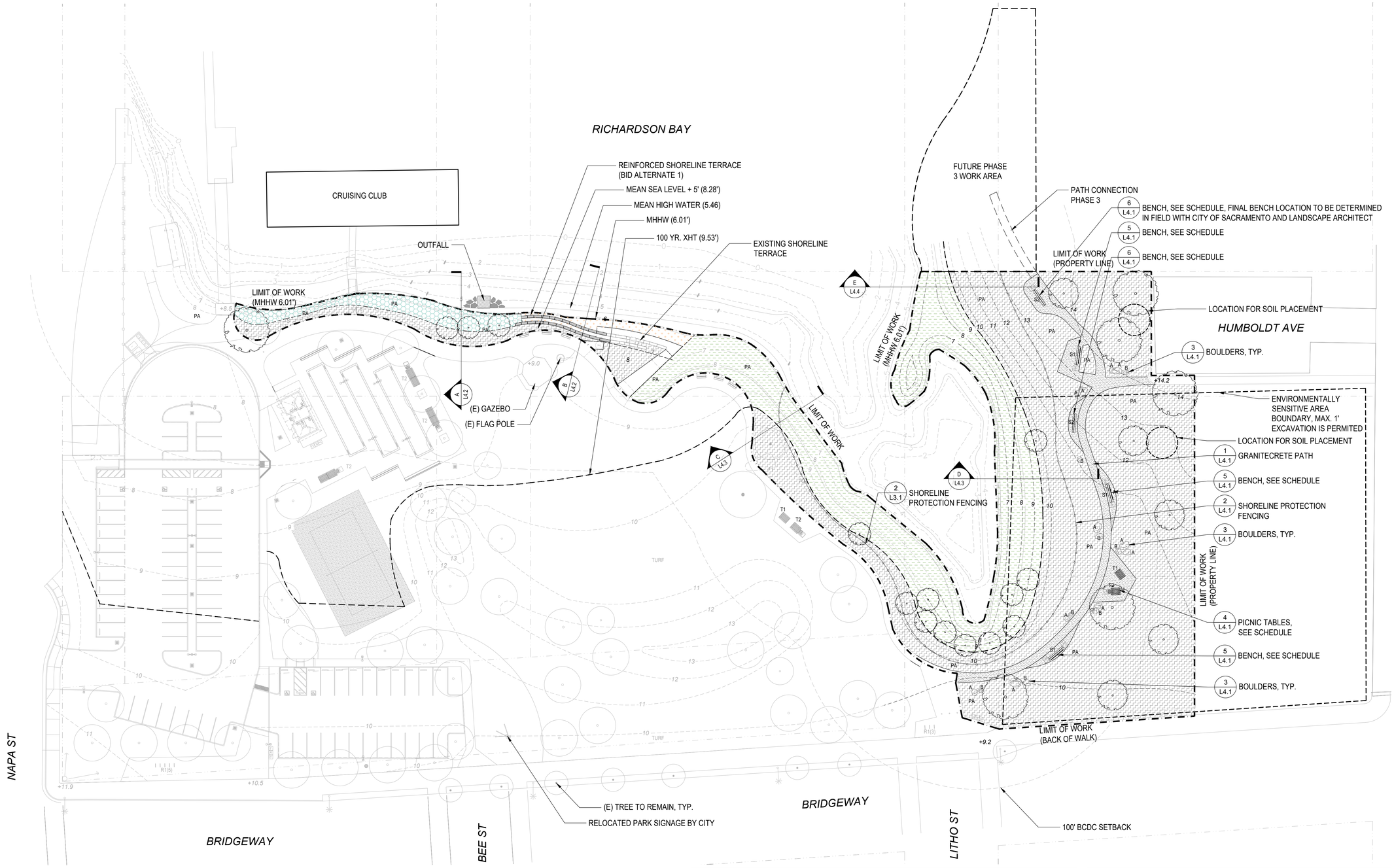
L3.0



BOULDER SCHEDULE			
	DIMENSIONS	WIDTH AT GRADE	QTY
A	24"-30"	36"	11
B	18"-24"	30"	8

FURNISHING SCHEDULE					
SYMBOL	TYPE/SIZE	MATERIAL	MODEL	MANUFACTURER	QTY
S1	12'X24"X16"	STEEL-BLACK	GIANT TIMBER SEAT WITH BACK - MODEL # 2219-12-B-ADA	TIMBERFORM	3
S2	12'X24"X16"	STEEL-BLACK	GIANT TIMBER SEAT W/O BACK - MODEL # 2219-12-ADA	TIMBERFORM	2
T1	5'10"X4'5"X2'6"	STEEL-BLACK	GREENWAY PICNIC TABLE (STANDARD) - MODEL # 2164-6	TIMBERFORM	1
T2	7'10"X4'5"X2'6"	STEEL-BLACK	GREENWAY PICNIC TABLE (ACCESSIBLE) - MODEL # 2164-6	TIMBERFORM	1

MATERIALS SCHEDULE			
HATCH	DESCRIPTION	PRODUCT INFORMATION	PRODUCT IMAGE
	GRANITECRETE PATH	MFG & PRODUCT: GRANITECRETE COLOR: NATURAL GOLD, TO MATCH EXISTING, VIF	

LEGEND		
SYMBOL	DESCRIPTION	AREA
	PARCEL LINE	
	LIMIT OF WORK MHHW 6.01'	
	100 YEAR XHT 9.53'	
	REVETMENT SHORELINE	1,760 SF
	EXTENDED TERRACE WALL SHORELINE	537 SF
	LIVING SHORE SHORELINE	14,460 SF
	UPSLOPE PLANTING AREA	34,157 SF

Date Plotted: 8/22/2025 4:14 PM

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Landscape Architecture & Planning

225 Miller Avenue, Mill Valley, CA 94941
T 415 383 7900 rhaa.com

PROJECT/CLIENT NAME

Dunphy Park Improvement Project Phase 2

200 Napa Street
Sausalito, CA 94965

Owner:
City of Sausalito
420 Litho St.
Sausalito, CA 94965

RHAA PROJECT NUMBER

16042A

CONSULTANT

SUBMITTAL

Bid Documents

DATE

22 AUGUST 2025

REVISIONS

No.	Date	Description

REGISTRATION AND SIGNATURE

LICENSED LANDSCAPE ARCHITECT
Registering License No.
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

Public Works Director:
Date:

SCALE

1" = 30'-0"

0 15' 30' 60'

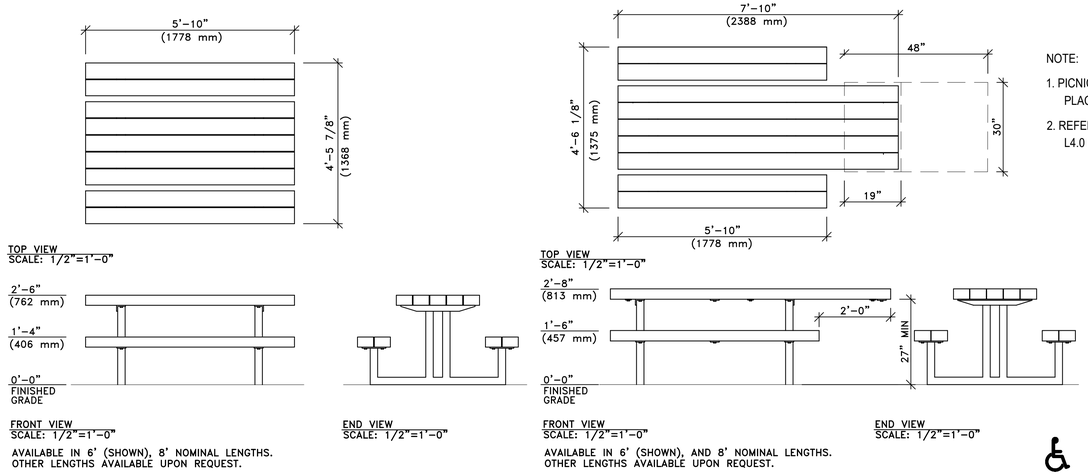
N

SHEET TITLE

CONSTRUCTION PLAN

DRAWN BY: TS / QU CHECKED BY: JM

L4.0



STANDARD PICNIC TABLE

ACCESSIBLE PICNIC TABLE

NOTE:

1. PICNIC TABLES ARE TO BE FREESTANDING TYPE, PLACED ON GRANITECRETE SURFACE.
2. REFER TO FURNISHING SCHEDULE ON SHEET L4.0 FOR ADDITIONAL PRODUCT INFORMATION.

4 PICNIC TABLES

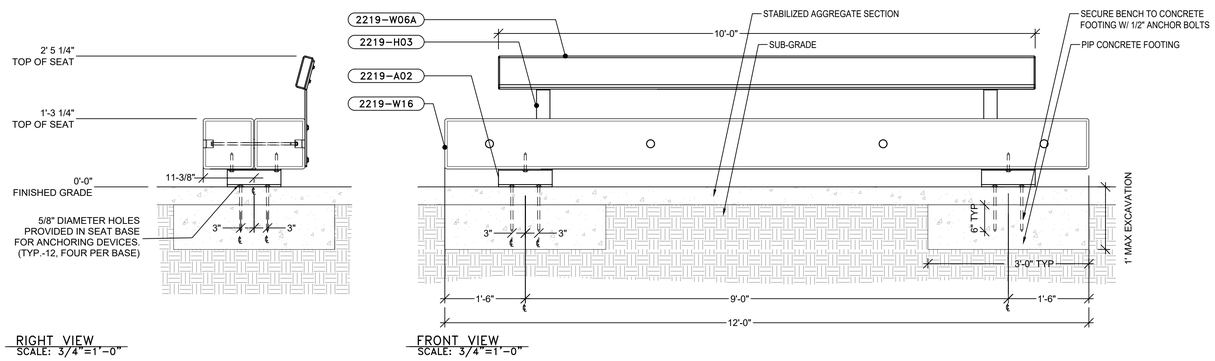
AS NOTED

NOTES:

1. TIMBERFORM GIANT TIMBER SEAT WITH BACK, REFER TO FURNISHING SCHEDULE ON SHEET L4.0 FOR ADDITIONAL PRODUCT INFORMATION.
2. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
3. FOOTING EXCAVATION TO BE LESS THAN 12".

INSTALLATION NOTES:

1. EACH TIMBER MUST BE POSITIONED SO THAT THE BEST FACE IS EXPOSED WHEN ASSEMBLED.
2. FOR MULTIPLE ITEM ORDERS, EXAMINE AND SORT ALL TIMBERS PRIOR TO COMMENCING ASSEMBLY TO ENSURE THE BEST FACES ARE EXPOSED.
3. ASSEMBLE TIMBERS PER DETAIL A/1 IN MANUFACTURER'S INSTRUCTIONS.
4. ATTACH SEAT BASES TO TIMBER ASSEMBLY PER DETAIL A/1 IN MANUFACTURER'S INSTRUCTIONS. USE FULLY ASSEMBLED SEAT TO LOCATE ANCHORING DEVICES, BY OTHERS. THE USE OF SHIMS AND/OR NON-SHRINK GROUT MAY BE REQUIRED FOR LEVEL INSTALLATION, BY OTHERS.
5. SEE IMPORTANT MAINTENANCE INSTRUCTIONS ON DRAWING NO. E-2000-L03.



5 BENCH WITH BACK

SCALE: 3/4" = 1'-0"

NOTES:

1. TIMBERFORM GIANT TIMBER SEAT WITHOUT BACK, REFER TO FURNISHING SCHEDULE ON SHEET L4.0 FOR ADDITIONAL PRODUCT INFORMATION.
2. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
3. FOOTING EXCAVATION TO BE LESS THAN 12".

INSTALLATION NOTES:

1. EACH TIMBER MUST BE POSITIONED SO THAT THE BEST FACE IS EXPOSED WHEN ASSEMBLED.
2. FOR MULTIPLE ITEM ORDERS, EXAMINE AND SORT ALL TIMBERS PRIOR TO COMMENCING ASSEMBLY TO ENSURE THE BEST FACES ARE EXPOSED.
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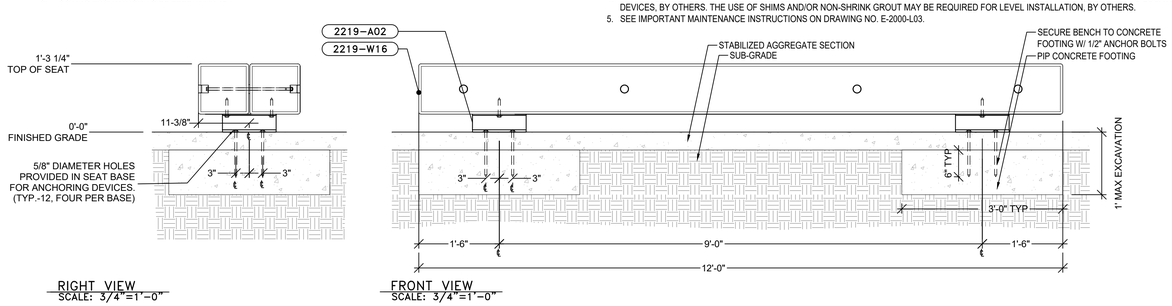
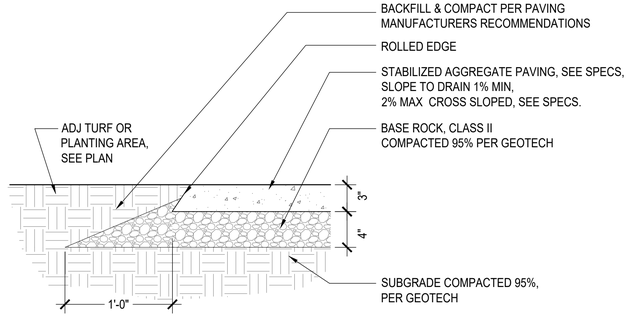
5. SEE IMPORTANT MAINTENANCE INSTRUCTIONS ON DRAWING NO. E-2000-L03.



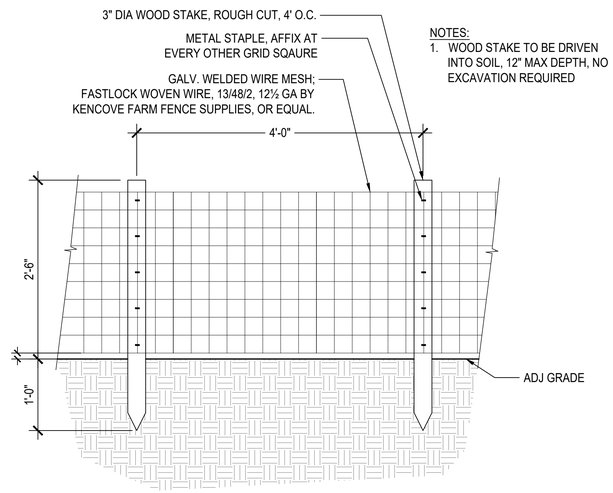
6 BENCH WITHOUT BACK

SCALE: 3/4" = 1'-0"



1 GRANITECRETE PATH

SCALE: 1 1/2" = 1'-0"

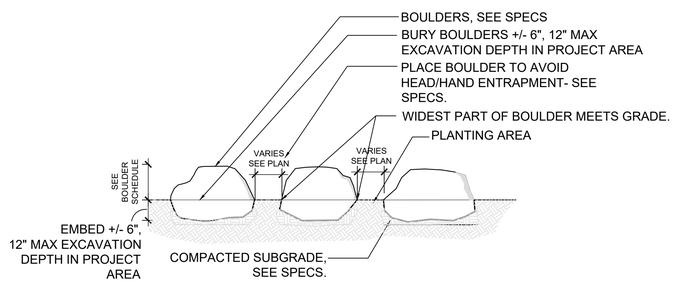


2 SHORELINE PROTECTION FENCING

1" = 1'-0"

NOTE:

1. FINAL BOULDER LOCATION TO BE DETERMINED IN FIELD WITH LANDSCAPE ARCHITECT AND CITY REPRESENTATIVE.
2. BOULDERS ARE CONSIDERED A SEATING ELEMENT, CONTRACTOR TO SELECT FLAT TOPPED BOULDERS WITH RELATIVELY LEVEL AND SMOOTH TOP SURFACE.
3. DETAIL REPRESENTS TYPICAL LAYOUT.



3 BOULDERS

NTS

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225 Miller Avenue, Mill Valley, CA 94941
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PROJECT/CLIENT NAME

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CONSULTANT

SUBMITTAL

Bid Documents

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REVISIONS

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REGISTRATION AND SIGNATURE

LICENSED LANDSCAPE ARCHITECT
Joseph King License No.
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

Public Works Director:
Date:

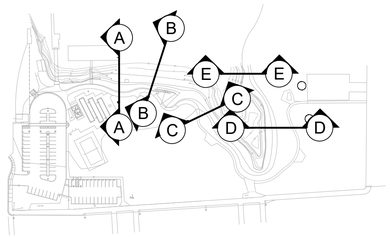
SHEET TITLE

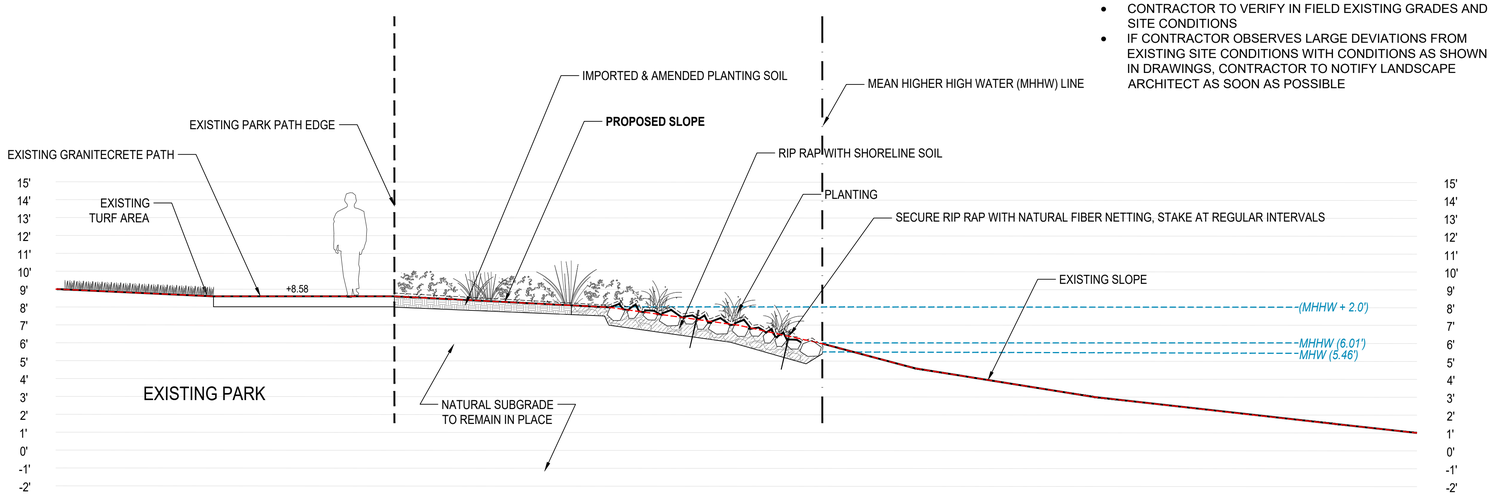
CONSTRUCTION DETAILS

DRAWN BY: TS / QU CHECKED BY: JM

L4.1

Date Plotted: 8/22/2025 4:14 PM

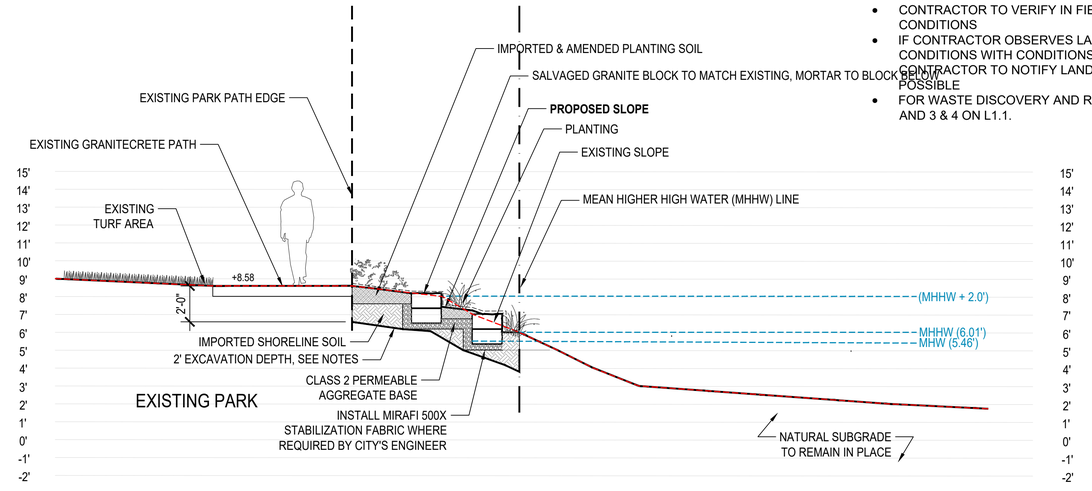




NOTES:
- EXISTING AND PROPOSED GRADING AS SHOWN BASED ON SURVEY AVAILABLE TO LANDSCAPE ARCHITECT BY LINDA A. CARRUTHERS & ASSOCIATES
- CONTRACTOR TO VERIFY IN FIELD EXISTING GRADES AND SITE CONDITIONS
- IF CONTRACTOR OBSERVES LARGE DEVIATIONS FROM EXISTING SITE CONDITIONS WITH CONDITIONS AS SHOWN IN DRAWINGS, CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT AS SOON AS POSSIBLE

A SHORELINE SECTION - PLANTED RIP RAP WITH FIBER NET

1/4" = 1'-0"



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- FOR WASTE DISCOVERY AND REMOVAL SEE NOTES 30 & 31 ON L1.0 AND 3 & 4 ON L1.1.

B SHORELINE SECTION - PLANTED GRANITE BLOCK STEP (BID ALTERNATE 1)

1/4" = 1'-0"

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REGISTRATION AND SIGNATURE

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Jennifer King License No.
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

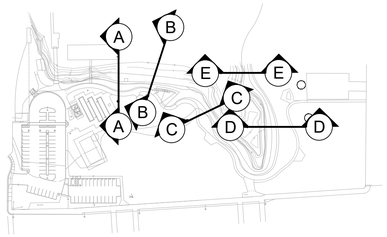
Public Works Director:
Date:

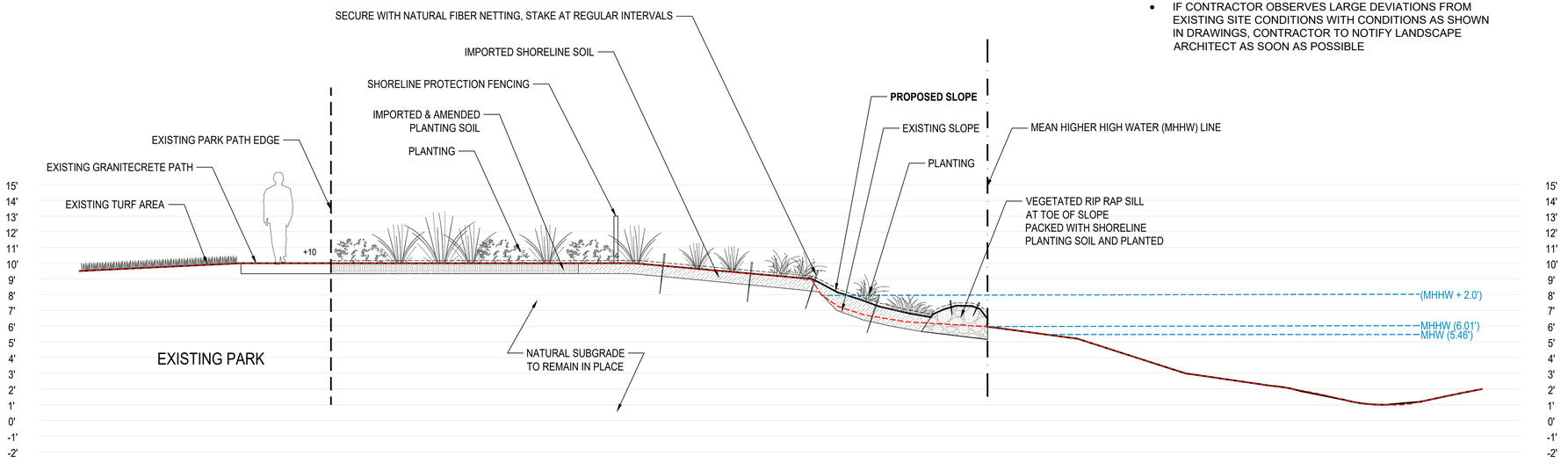
SHEET TITLE

LANDSCAPE SECTIONS

DRAWN BY: TS / QU **CHECKED BY: JM**

L4.2





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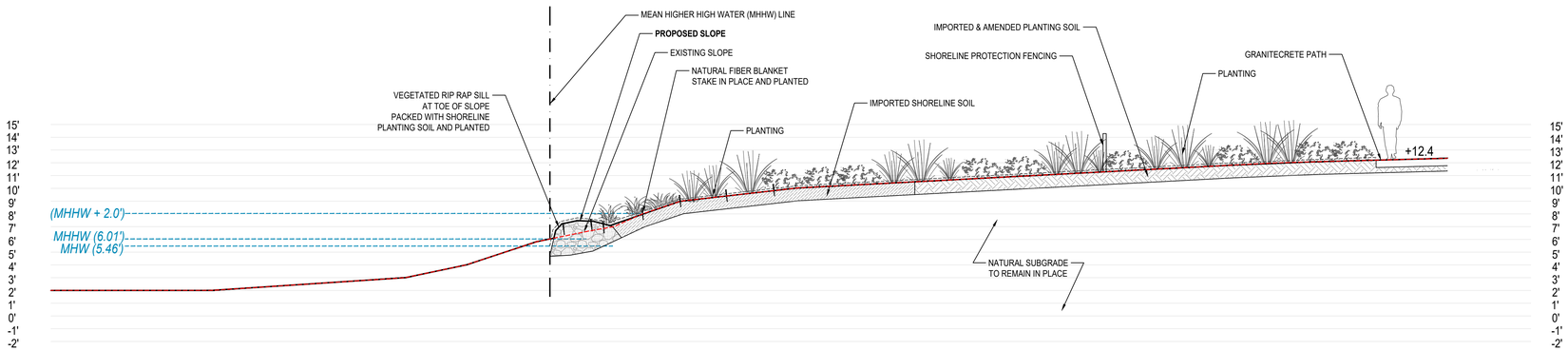
C SHORELINE SECTION - REGRADED PLANTED SLOPE W/ EROSION CONTROL

1/4" = 1'-0"



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D SHORELINE SECTION - REGRADED PLANTED SLOPE W/ FIBER BLANKET

3/16" = 1'-0"

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CONSULTANT

SUBMITTAL

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Pablo King License No.
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

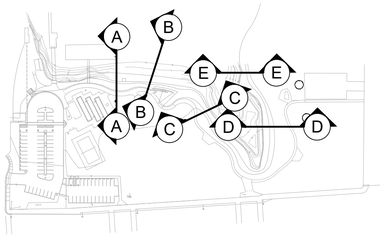
Public Works Director:
Date:

SHEET TITLE

LANDSCAPE SECTIONS

DRAWN BY: TS / QU **CHECKED BY: JM**

L4.3



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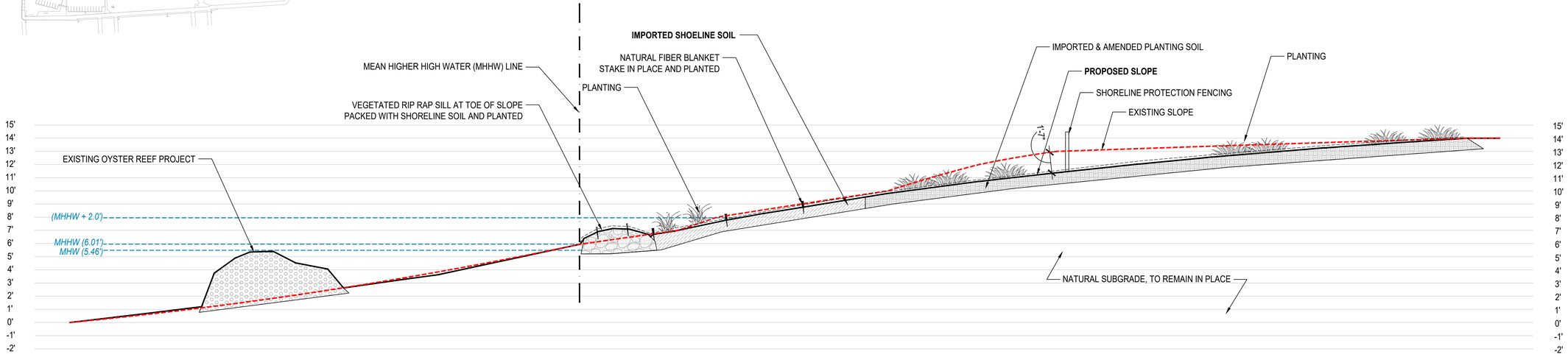

E SHORELINE SECTION - REGRADED PLANTED SLOPE W/ EROSION CONTROL & WAVE ATTENUATION

1/4" = 1'-0"

Date Plotted: 8/22/2025 4:14 PM

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Date
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Date:

SHEET TITLE

LANDSCAPE SECTIONS

DRAWN BY: TS / QU **CHECKED BY: JM**

L4.4

Irrigation Notes:

1. The irrigation system to be controlled by an existing, centrally located weather-based irrigation controller with a rain shutoff sensor.
2. Shoreline planting to be temporarily irrigated during plant establishment period only. Temporary irrigation to be removed after plants are established.
3. Refer to plans, details and specifications for irrigation system components, installation, maintenance, scheduling, and reporting requirements.
4. The contractor shall comply with local water district procedures & requirements, all city of Sausalito requirements, and the state water efficient landscape ordinance. ordinance criteria has been applied accordingly for the efficient use of water in the irrigation design plan.
5. These irrigation drawings are diagrammatic and indicative of the work to be installed. all piping, valves, and other irrigation components are to be installed within planting areas to the greatest extent possible. 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.
6. The contractor is to investigate the existing and proposed finished condition of the work. The contractor shall immediate notify the owner's representative of any conflicts and/or discrepancies between existing and proposed conditions which will affect the work, before proceeding with the work. in the event these notifications are not performed, the contractor assumes full responsibility for required revisions.
7. The contractor shall coordinate all work with other trades, including the installation of all pipe, conduit and sleeves through or under walls, roadways, paving and structures.
8. Prior to trenching and digging, contact usa (800-227-2600) to locate all underground utilities. the contractor shall be responsible for minor changes in the irrigation layout due to obstructions not shown on the irrigation drawings such as underground utilities, vaults, etc. The contractor shall avoid conflicts with underground utilities, new planting, site or architectural elements, and existing trees; any damage to these caused by the installation of the irrigation system shall be repaired and/or replaced at no expense to the owner.
9. Do not trench or install irrigation piping or equipment in lime-treated soil.
10. The irrigation system is designed to operate at 100 gpm, and 120 p.s.i. at the point of connection. The contractor shall verify flow rate and pressure at the point of connection prior to the installation of the irrigation system and notify the owner's representative of test results before construction begins. Notify landscape architect if pressure is greater or less than the static pressure stated on the plans to determine if pressure regulation or a booster pump is required.
11. The contractor shall obtain as-built irrigation drawings of all existing irrigation system(s) from the owner's representative for reference during new and retrofit work.
12. Contractor to field verify condition of all existing irrigation equipment impacted by new construction and repair and replace as necessary.
13. Install all irrigation equipment per manufacturer's recommendations.
14. Install one spare common and control wire from each controller in a continuous loop through each valve box for future use.
15. Where pipe sizes have been omitted or there is a conflict, refer to the lateral pipe sizing chart for sizes. As changes in layout occur during staking and construction, pipe sizes may need to be adjusted accordingly. all lateral end runs shall be 1" size unless otherwise noted.
16. The remote control valves specified on the drawings are pressure reducing types. set the discharge pressure as recommended by manufacturer.
17. Contractor to assume (4) additional control valves to be installed as needed.
18. All irrigation boxes and lids to be black.
19. **Non-potable irrigation note:** This system is being installed for non-potable water use. all pipe, equipment, heads, and fittings shall be color-coded and labeled for non-potable use per all applicable state and local codes.
20. Wherever overhead irrigation is located directly adjacent to hardscape areas, where runoff water flows into the curb and gutter, all spray heads shall be setback a minimum of 24" from hardscape edges.
21. Locate bubblers and emitters on uphill side of plant or tree.
22. Contractor to maintain existing planted areas throughout construction and coordinate operations to keep existing planting areas alive and healthy. Existing and new irrigation systems shall be installed, adjusted and maintained to provide 100% coverage of planting areas and to prevent misting, overspray and runoff onto buildings, walls windows, paved areas, etc.
23. Flush and adjust irrigation emitters, nozzles and outlets for optimum performance and to prevent over spray onto walks, roadways, and/or buildings. Select the best degree of 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.
24. The intent of this irrigation system is to provide the minimum amount of water required to sustain good plant health. It is the responsibility of the landscape maintenance contractor 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 and slopes, sun, shade and wind exposure.
25. The contractor shall coordinate valve numbering, controller operations and programming with owner's representative.
26. Station operation times shall not deliver water exceed the soil infiltration rate(s) as determined by the soils report(s).
27. The contractor shall provide the owner's representative with clear as-built plans of the installed of irrigation system.

Date Plotted: 8/22/2025 4:13 PM

IRRIGATION LEGEND

(E) PEDESTAL MOUNTED CONTROLLER
HUNTER HCC-800-SS W/ EZ-DM DECODER (2-WIRE) IN A STAINLESS STEEL PEDESTAL MOUNTED ENCLOSURE (MODEL ICC-PED-SS) & RAIN SENSOR.

(E) IRRIGATION WATER METER (VIF NUMBER & LOCATION)

(E) 2" REDUCED PRESSURE BACKFLOW PROVENTION DEVICE

(E) MASTER VALVE
HUNTER ICV MASTER VALVE W/ ACCU SYNC AS ADJ, NORMALLY CLOSED

(E) FLOW SENSOR
HUNTER HC FLOW METER, LINE SIZE

MAINLINE: SCH 40 PVC, 2" AND SMALLER

LATERAL LINE: 1" AND LARGER, SCH 40 PVC.

SLEEVE: CLASS 200 PVC

GATE VALVE, BRASS
NIBCO T113-IRR (LINE SIZE), OR EQUAL.

QUICK COUPLING VALVE, LOCKING COVER, 1-PIECE BODY, RAINBIRD 5-LRC, BRASS, OR EQUAL.

REMOTE CONTROL VALVE WITH PRESSURE REGULATING
SPRAY ZONES: HUNTER ICV W/ ACCU SYNC AS ADJ
DRIP ZONES: HUNTER ICZ WITH FILTER.

CONTROLLER / STATION NUMBER
FLOW RATE (GPM)
VALVE SIZE (INCHES)

INLINE DRIP IRRIGATION
RAINBIRD XFS-09-12 SUB-SURFACE DRIP LINE (12" EMITTER SPACING) W/ RB XFS DRIP SYSTEM OPERATION INDICATOR AT END OF EACH DRIP ZONE. LINE SPACING TO BE COORDINATED WITH PLANT SPACING (12", 18" & 24" O.C.) *INSTALL LOW FLOW BUBBLERS & IRRIGATION BERMS AT ROOTBALL OF SHRUBS SPACED GREATER THAN 24" O.C.

TREE WATERING SYSTEM
DRIP RING AT ROOTBALL W/ 2 EMITTERS AT ROOT CROWN, TYP.
DEEP ROOT IRRIGATION TUBE IN PLAZA AREAS

POP-UP STAINLESS STEEL ROTOR W/ ADJUSTABLE ARC & CHECK VALVE MODEL I-25-04-SS BY HUNTER, OR EQUAL.
SELECT NOZZLE FOR RADIUS SHOWN @ 50PSI

POP-UP SPRAY HEAD WITH ADJUSTABLE ARC, MATCHED PRECIPITATION RATE, CHECK VALVE & PRESSURE REGULATION.
MODEL PROS-04-PRS40-CV-MP1000/2000/3000 BY HUNTER, OR EQUAL.
SELECT NOZZLE FOR RADIUS SHOWN @40PSI.

TEMPORARY IRRIGATION FOR PLANT ESTABLISHMENT ONLY.
INSTALL (3) SURFACE IN-LINE DRIP LINES (1" BELOW FINISH GRADE) AT TOP OF SLOPE. INSTALL REMOTE CONTROL VALVE & QUICK COUPLERS AS SHOWN ON PLANS.

CLASS 200 PVC LATERAL LINE SIZING		TYPICAL VALVE SIZING
0 - 6 GPM: 0.75"	29 - 45 GPM: 2.0"	00 - 25 GPM: 1.0" VALVE
7 - 12 GPM: 1.0"	46 - 65 GPM: 2.5"	26 - 35 GPM: 1.25"
13 - 28 GPM: 1.5"	66 - 100 GPM: 3.0"	36 - 50 GPM: 1.5"
		51 - 100 GPM: 2"

MARIN WATER
WATER BUDGET & WATER USE CALCULATOR

MARIN WATER

Zip Code:	94965
Date:	6/24/2024
Project Name:	Dunphy Park
Project Address:	200 Napa Street, Sausalito
Project Contact:	Kossen Miller
Project Contact Email:	kossen.miller@rhaa.com

Maximum Applied Water Allowance (MAWA)	Project Type	ETo	ETAF	Special Landscape Area (SLA)	Total Landscape Area including SLA	MAWA (CCF/yr)
	Non-residential	26.33	0.45	-	53,195	**522**

Estimated Total Water Use (ETWU)	ETo	(SF * PF) / IE	SLA	ETWU (CCF/yr)
	26.3	19,702	-	**430**

Project meets water budget. Difference between MAWA and ETWU: 92

ETWU Calculation (Regular landscape areas)	Zone #	Description	Irrigation Type	Hydrozone Area (SF)	Plant Water Use Classification	Irrigation Efficiency (IE)	(SF * PF) / IE
	1	Shrubs	Drip	3,309	Low	0.81	1,226
	2	Trees	Drip	2,648	Low	0.81	981
	3	Shrubs	Drip	2,880	Low	0.81	1,067
	4	Shrubs	Drip	6,335	Low	0.81	2,346
	5	Temporary Shrub	Drip	6,640	Low	0.81	2,459
	6	Shrubs	Drip	3,774	Low	0.81	1,398
	7	Shrubs	Drip	2,984	Low	0.81	1,105
	8	Trees	Drip	2,180	Low	0.81	807
	9	Shrubs	Drip	6,497	Low	0.81	2,406
	10	Shrubs	Drip	2,450	Low	0.81	907
	11	Trees	Drip	1,650	Low	0.81	611
	12	Temporary Shrub	Drip	5,543	Low	0.81	2,053
	13	Shrubs	Drip	2,784	Low	0.81	1,031
	14	Shrubs	Drip	2,165	Low	0.81	802
	15	Shrubs	Drip	1,356	Low	0.81	502
	Landscape area (not including SLA)			**53,195**			**19,702**

ETWU Calculation Special Landscape Areas (SLA)	Description	Hydrozone Area (SF)	Plant Factor / Irrigation Efficiency (PF/IE)	(SF * PF) / IE
	Edible planting area		1.0	-
	Multi-use and sports field turf area		1.0	-
	Area irrigated with recycled water		1.0	-
	Total SLA	**0**		**0**

Total Landscape Area (including SLA) from ETWU Calculation	53,195

Water Use Table							
	ETWU	Gallons:	321,662	Units:	430	AF:	0.99
	Billing Period	Jan/Feb	Mar/Apr	May/Jun	Jul/Aug	Sep/Oct	Nov/Dec
	Baseline (CCF)	2	47	118	138	99	26

1 CCF (hundred cubic feet) = 748.05 gallons; 1 AF (acre foot) = 435.6 CCF

MarinWater.org

Water Budget and Water Use Calculator
Page 1 of 1

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T 415 383 7900
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PROJECT/CLIENT NAME

Dunphy Park Improvement Project Phase 2

200 Napa Street
Sausalito, CA 94965

Owner:
City of Sausalito
420 Litho St.
Sausalito, CA 94965

RHAA PROJECT NUMBER

16042A

CONSULTANT

SUBMITTAL

Bid Documents

DATE

22 AUGUST 2025

REVISIONS

No.	Date	Description

REGISTRATION AND SIGNATURE

LICENSED LANDSCAPE ARCHITECT
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

Public Works Director:
Date:

SHEET TITLE

IRRIGATION NOTES

DRAWN BY: TS / QU CHECKED BY: JM

L5.0

Date Plotted: 8/22/2025 4:14 PM

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STATE OF CALIFORNIA

Public Works Director:
Date:

SCALE

1" = 30'-0"

0 15' 30' 60'

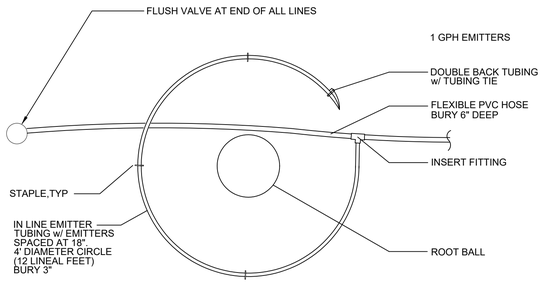
N

SHEET TITLE

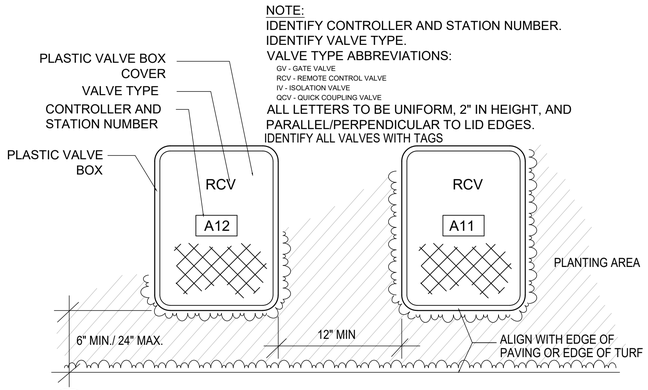
IRRIGATION PLAN

DRAWN BY: TS / QU **CHECKED BY:** JM

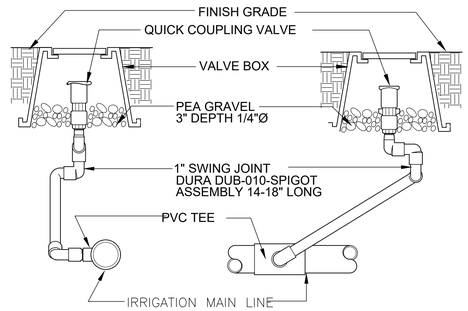
L5.1



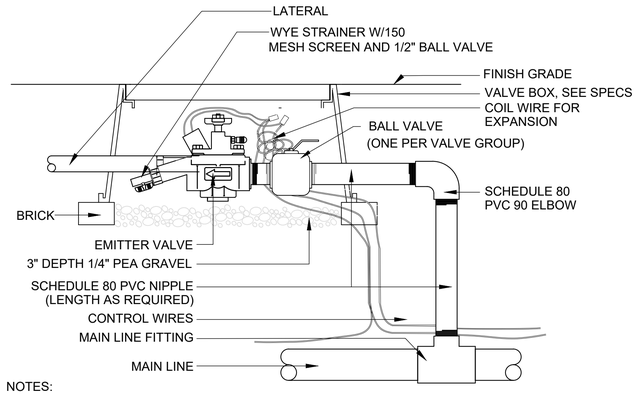
7 TREE DRIP RING IRRIGATION
NTS



4 REMOTE CONTROL VALVES - LOCATION
NTS

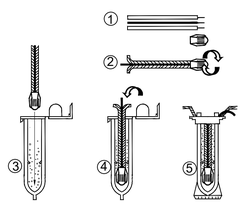


1 QUICK COUPLING VALVE
NTS



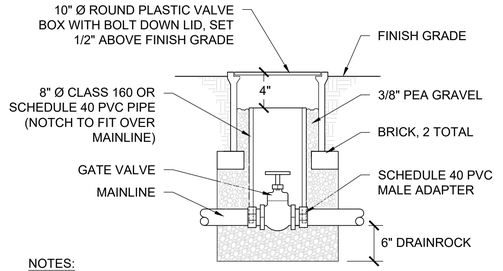
NOTES:
1. BUNDLE AND TAPE WIRE EVERY 10 FEET
2. PROVIDE 36" EXPANSION LOOP AT EACH WIRE CONNECTION
3. LOCATE VALVES MIN. 4" FROM PAVED WALKWAYS.

5 REMOTE CONTROL VALVE - DRIP
NTS



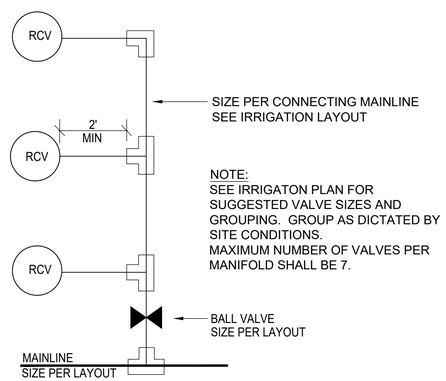
NOTES:
1. STRIP WIRES APPROXIMATELY 1/2" (12.7 MM) TO EXPOSE WIRE.
2. TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN.
3. INSERT WIRE ASSEMBLY INTO PLASTIC TUBE UNTIL WIRE CONNECTOR SNAPS PAST LIP IN BOTTOM OF TUBE.
4. PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
5. INSPECT FINAL SPLICE ASSEMBLY TO BE SECURE AND FINISHED.

6 WATERPROOF WIRE CONNECTION
NTS



NOTES:
1. HEAT BRAND LID "GV". SEE SPECS FOR BOX COLOR.
2. GATE VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS NOTED OTHERWISE.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS.

2 GATE VALVE
NTS



3 REMOTE CONTROL VALVES - CONNECTION
NTS

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LICENSED LANDSCAPE ARCHITECT — Jamie King License No. — Signature 05-31-2026 Renewal Date — 08-22-2025 Date — STATE OF CALIFORNIA

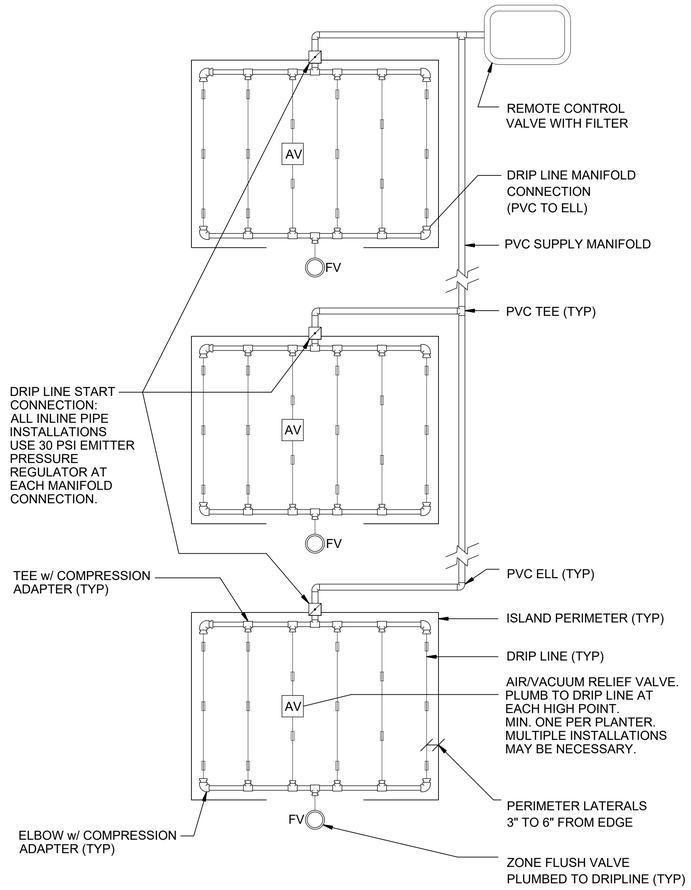
Public Works Director:
Date:

SHEET TITLE

IRRIGATION DETAILS

DRAWN BY: TS / QU **CHECKED BY: JM**

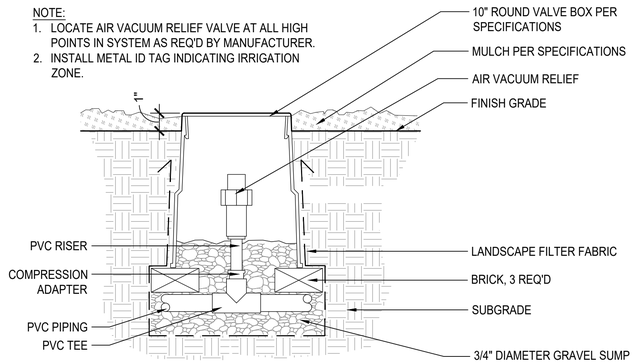
L5.2



4 INLINE EMITTER ISLAND LAYOUT

NTS

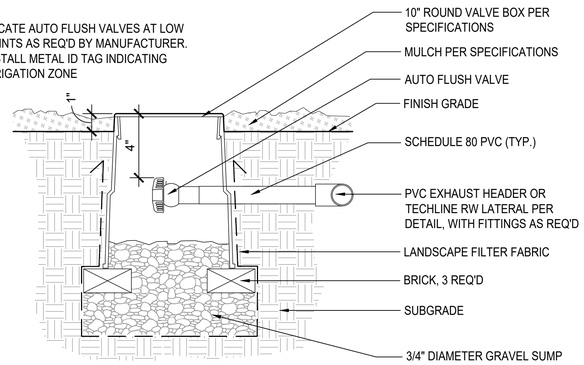
NOTE:
1. LOCATE AIR VACUUM RELIEF VALVE AT ALL HIGH POINTS IN SYSTEM AS REQ'D BY MANUFACTURER.
2. INSTALL METAL ID TAG INDICATING IRRIGATION ZONE.



1 AIR VACUUM RELIEF VALVE

SCALE: NTS

NOTE:
1. LOCATE AUTO FLUSH VALVES AT LOW POINTS AS REQ'D BY MANUFACTURER.
2. INSTALL METAL ID TAG INDICATING IRRIGATION ZONE

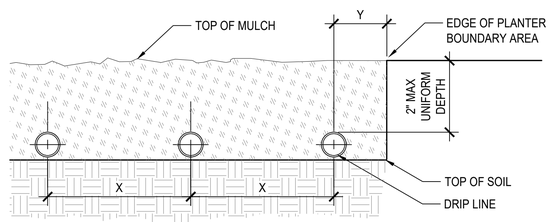


2 AUTO FLUSH VALVE

SCALE: 3" = 1'-0"

X DIMENSION (INCHES)	Y DIMENSION (INCHES)
12	4 OR 6

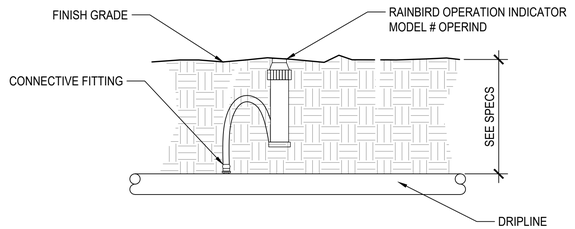
NOTES:
1. TYPICAL DIMENSIONS FOR DRIP LINE GRID LAYOUT IN PLANTING AREAS.
2. COORDINATE PLANTING INSTALLATION WITH GRID LAYOUT TO AVOID DAMAGE TO INSTALLED DRIP LINE AND TO PROVIDE UNIFORM IRRIGATION COVERAGE.
3. INSTALL DRIPLINE PARALLEL TO CONTOUR LINES.



5 DRIP TUBING ON GRADE INSTALLATION

SCALE: 6" = 1'-0"

NOTE:
1. LOCATE INDICATOR AT THE FARTHEST AND/OR HIGHEST POINT ON THE ZONE.



3 DRIP OPERATION INDICATOR

NTS

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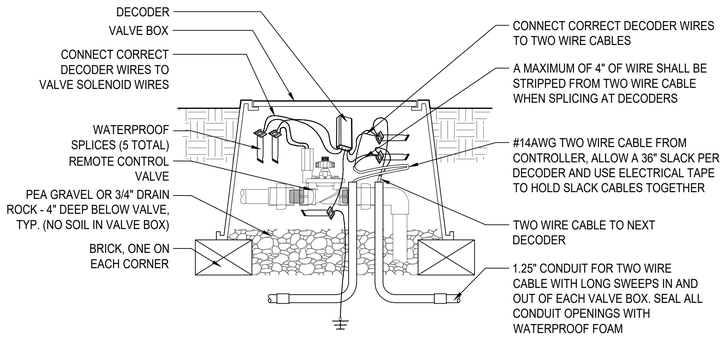
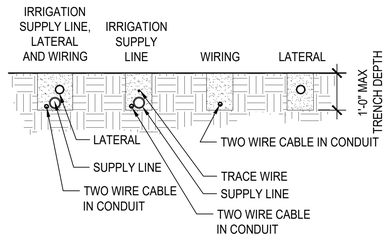
L5.3

NOTE:
ALL DECODERS SHALL HAVE A VALVE NUMBER ADDRESSED AT CONTROLLER PRIOR TO INSTALLATION.



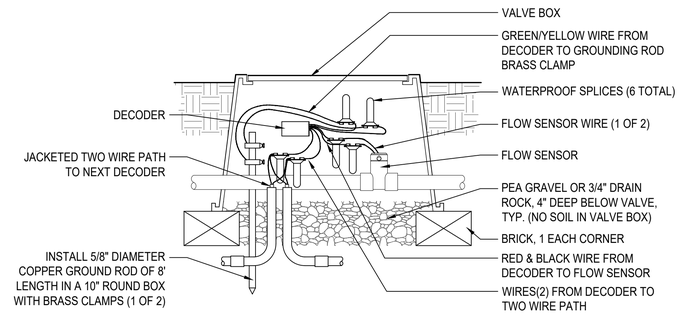
4 DECODER IN VALVE BOX - TWO WIRE
NOT TO SCALE

NOTES:
1. LAY IRRIGATION SUPPLY LINE ON NATIVE SOIL BED UNLESS SAND BED IS SPECIFIED.
2. PROVIDE 36" COVER OVER ALL PIPE AND PIPE SLEEVES UNDER ROADWAYS, PARKING LOTS, ENTRANCES TO PARKING LOTS AND FIRE ACCESS LANES PER NFPA 24, SECTION 10.44.
3. PROVIDE SEPARATE SLEEVES FOR ALL WIRES CROSSING UNDER ROADWAYS, PARKING LOTS AND FIRE ACCESS LANES PER NFPA 24, SECTION 10.44. DO NOT TAPE WIRES WITHIN CONDUIT.
4. MAXIMUM 12" EXCAVATION WITHIN ENVIRONMENTALLY SENSITIVE AREA BOUNDARY.

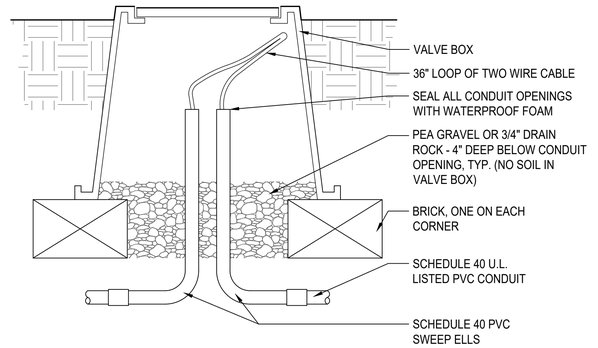


1 IRRIGATION TRENCHING - TWO WIRE
NOT TO SCALE

NOTE:
TWO WIRE PATH JACKETED/ TWISTED FROM CONTROLLER/DECODER SHOULD ALLOW 36" SLACK PER DECODER.

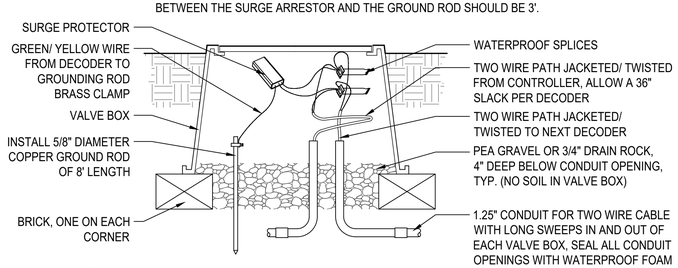


5 FLOW SENSOR DECODER - TWO WIRE
NOT TO SCALE

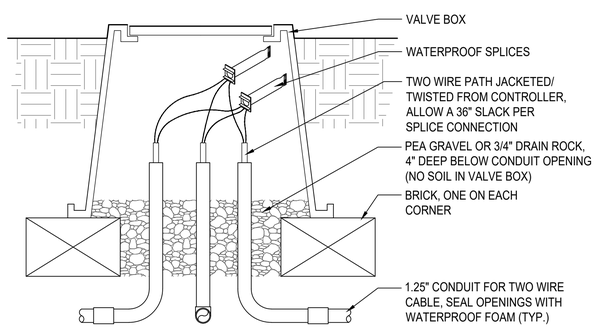


2 IRRIGATION TWO WIRE PULL BOX
NOT TO SCALE

NOTES:
1. TWO WIRE DECODER SYSTEMS MUST BE PROPERLY GROUNDED IN ORDER TO PROTECT AGAINST LIGHTNING SURGES.
2. THE COMMUNICATION CABLE MUST BE GROUNDED NO FURTHER THAN 500' FROM ANY DECODER OR FOR EVERY EIGHT DECODERS AND AT THE END OF THE TWO WIRE PATH.
3. SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A 3M DBY-6 WATERPROOF CONNECTOR.
4. THE SURGE DEVICE MUST BE A RAIN BIRD MODEL LSP-1TURF. THE MINIMUM DISTANCE BETWEEN THE SURGE ARRESTOR AND THE GROUND ROD SHOULD BE 3'.



6 LIGHTNING ARRESTOR - TWO WIRE
NOT TO SCALE



3 TWO WIRE SPLICE BOX AT MAIN LINE TEE
NOT TO SCALE

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License No. 6174
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

Public Works Director:
Date:

SHEET TITLE

IRRIGATION DETAILS

DRAWN BY: TS / QU **CHECKED BY: JM**

L5.4

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SHRUBS

QTY	SYMBOL	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	MATURE HEIGHT	MATURE WIDTH	WUCOLS
13		ATR BRE	ATRIPLEX LENTIFORMIS 'BREWERI'	BREWER SALTBUSH	1 GAL	5' O.C.	6'	7'	VL
34		ART CAL	ARTEMISIA CALIFORNICA	CALIFORNIA SAGEBRUSH	1 GAL	4' O.C.	6'	4'	L
29		BAC CON	BACCHARIS PILULARIS 'CONSANGUINEA'	COYOTE BRUSH	1 GAL	4' O.C.	7'	5'	L
11		CEA CON	CEANOTHUS 'CONCHA'	CONCHA CALIFORNIA LILAC	1 GAL	6' O.C.	8'	12'	L
19		EPI CAN	EPILOBIUM CANUM	CALIFORNIA FUSCHIA	1 GAL	3' O.C.	3'	5'	L
10		ERI ARB	ERIOGONUM ARBORESCENS	SANTA CRUZ ISLAND BUCKWHEAT	1 GAL	4' O.C.	5'	6'	VL
17		ERI FAS	ERIGONUM FASCICULATUM VAR. FASCICULATUM	COASTAL CALIFORNIA BUCKWHEAT	1 GAL	4' O.C.	18"	8'	L
10		GAR ELL	GARRYA ELLIPTICA 'EVIE'	SILK TASSEL	1 GAL	5' O.C.	10'	10'	L
16		HET ARB	HETEROMELES ARBUTIFOLIA	TOYON	1 GAL	8' O.C.	8'	8'	L
23		LON INV	LONICERA INVOLUCRATA	BLACK TWINBERRY	1 GAL	4' O.C.	15'	4'	L
46		LUP ALB	LUPINUS ALBIFRONS	SILVER BUSH LUPINE	1 GAL	3' O.C.	3'	4'	L
52		MIM AUR	MIMULUS AURANTIACUS	STICKY MONKEY FLOWER	1 GAL	3' O.C.	3'	3'	L
12		RHA CAL	RHAMNUS CALIFORNICA	COFFEEBERRY	1 GAL	6' O.C.	6'	8'	L
2		ROS CAL	ROSA CALIFORNICA	CALIFORNIA WILDROSE	1 GAL	6' O.C.	8'	10'	L
5		SAL CLE	SALVIA CLEVELANDII	CLEVELAND SAGE	1 GAL	4' O.C.	4'	4'	L
15		SAL LEU	SALVIA LEUCOPHYLLA	PURPLE SAGE	1 GAL	4' O.C.	5'	4'	L
36		SAL MEL	SALVIA MELLIFERA	BLACK SAGE	1 GAL	4' O.C.	6'	8'	L

SMALL SHRUBS & PERENNIALS

QTY	SYMBOL	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	MATURE HEIGHT	MATURE WIDTH	WUCOLS
23		ASC SPE	ASCLEPIAS SPECIOSA	SHOWY MILKWEED	1 GAL	3' O.C.	4'	4'	L
32		ERI CON	ERIOPHYLLUM CONFERTIFLORUM	GOLDEN YARROW	1 GAL	18" O.C.	2'	1'-6"	L
13		ERI GLA	ERIGERON GLAUCUS	SEASIDE DAISY	1 GAL	18' O.C.	<1'	2'	L
58		ERI GRA	ERIOGONUM GRANDE VAR. RUBESCENS	RED-FLOWERED BUCKWHEAT	1 GAL	2' O.C.	1'	3'	L
27		ERI LAT	ERIOGONUM LATIFOLIUM	COAST BUCKWHEAT	1 GAL	2' O.C.	<1'	2'	L
20		ERI STA	ERIOPHYLLUM STAECHADIFOLIUM	SEASIDE WOOLLY SUNFLOWER	1 GAL	2' O.C.	5'	5'	L
10		ESC CAL	ESCHSCHOLZIA CALIFORNICA	CALIFORNIA POPPY	1 GAL	1' O.C.	2'	2'	VL
17		PHA CAL	PHACELIA CALIFORNICA	ROCK PHACELIA	1 GAL	18" O.C.	1'-6"	2'	VL

GROUNDCOVER

QTY	SYMBOL	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	MATURE HEIGHT	MATURE WIDTH	WUCOLS
62		ART PYC	ARTEMISIA PYCNOCEPHALA	COASTAL SAGEWORT	1 GAL	30" O.C.	2'	3'	L
267		BAC PIG	BACCHARIS PILULARIS 'PIGEON POINT'	PIGEON POINT COYOTE BRUSH	1 GAL	4' O.C.	2'	6'	L
97		CEA ANC	CEANOTHUS GLORIOSUS 'ANCHOR BAY'	POINT REYES CEANOTHUS	1 GAL	4' O.C.	2'	6'	L
10		CIS SUN	CISTUS PULVERLENTUS 'SUNSET'	SUNSET ROCKROSE	1 GAL	5' O.C.	3'	6'	L
4		SAL TER	SALVIA MELLIFERA 'TERRA SECA'	TERRA SECA SAGE	1 GAL	4' O.C.	2'-6"	5'	L

GRASSES

QTY	SYMBOL	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	MATURE HEIGHT	MATURE WIDTH	WUCOLS
327		FES CAL	FESTUCA CALIFORNICA	CALIFORNIA FESCUE	D-16	2' O.C.	3'	3'	L
103		LEY CAN	LEYMUS CONDENSATUS 'CANYON PRINCE'	CANYON PRINCE WILD RYE	D-16	42" O.C.	4'	3'	L

VINES

QTY	SYMBOL	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	MATURE HEIGHT	MATURE WIDTH	WUCOLS
6		CAL MAC	CALYSTEGIA MACROPHYLLA	CALIFORNIA MORNING GLORY	1 GAL	5' O.C.	4-6'	10'	L

LIVING SHORELINE

QTY	SYMBOL	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	MATURE HEIGHT	MATURE WIDTH	WUCOLS
69		BAC DOU	BACCHARIS DOUGLASII (GLUTINOSA)	MARSH BACCHARIS	D-16	36" O.C.	3'	3'	L
35		LIM CAL	LIMONIUM CALIFORNICUM	SEA LAVENDER	D-16	18" O.C.	2'	2'	L
*		DIS SPI	DISTICHLIS SPICATA	SALT GRASS	D-16	15" O.C.	1'	1'	L
39		GRI ANG	GRINDELIA STRICTA VAR. ANGUSTIFOLIA	PACIFIC GUMPLANT	D-16	18" O.C.	3'	4'	L
**		SAR PAC	SARCOCORNIA PACIFICA	PICKLEWEED	D-16	1' O.C.	6"	9"	L

TREES

QTY	SYMBOL	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	HEIGHT	SPREAD	NATIVE	WUCOLS	NOTES
3		PIN CON	PINUS CONTORTA VAR. 'CONTORTA'	SHORE PINE	15 GAL	PER PLAN	25'	25'	YES	L	
9		QUE AGR	QUERCUS AGRIFOLIA	COAST LIVE OAK	15 GAL	PER PLAN	40'	40'	YES	L	
6		SAL LAS	SALIX LASIOLEPIS	ARROYO WILLOW	15 GAL	PER PLAN	20'	20'	YES	L	
1		SAM NIG	SAMBUCUS NIGRA	BLACK ELDERBERRY	15 GAL	PER PLAN	30'	20'	YES	L	
3		SAM RAC	SAMBUCUS RACEMOSA	RED ELDERBERRY	15 GAL	PER PLAN	20'	20'	YES	L	

PLANTING NOTES

1. TREES AND PLANTS HAVE BEEN SELECTED FOR THE LOCAL CONDITIONS AND ARE DROUGHT TOLERANT.
2. ALL SOIL AND SUBSOIL TO BE TESTED BY AN APPROVED ACCREDITED SOIL TESTING LABORATORY, REFER TO SPECIFICATIONS
3. A MINIMUM OF 8 INCHES OF NON-MECHANICALLY COMPACTED SOIL SHALL BE AVAILABLE FOR WATER ABSORPTION AND ROOT GROWTH IN PLANTED AREAS.
4. INCORPORATE COMPOST OR NATURAL FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 8 INCHES AT A MINIMUM RATE OF 6 CUBIC YARDS PER 1000 SQUARE FEET OR PER SPECIFIC AMENDMENT RECOMMENDATIONS FROM A SOILS LABORATORY REPORT.
5. A MINIMUM 3 INCH LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT IN TURF AREAS, CREEPING OR ROOTING GROUNDCOVERS, AND DIRECT SEEDING APPLICATIONS.
6. APPLY MEADOW GRASSES HYDROSEED MIX AT 40 LBS/ACRE

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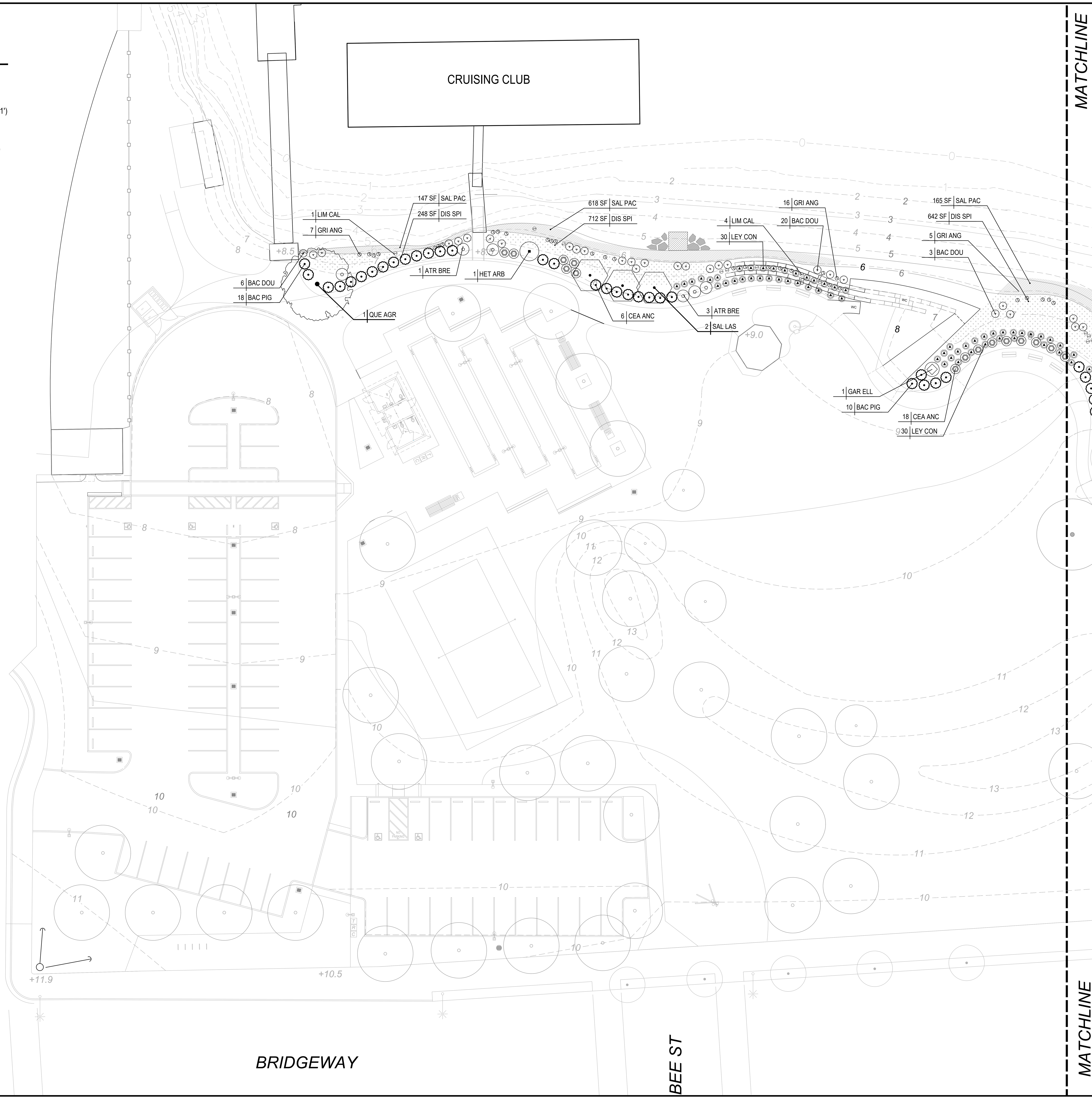
DRAWN BY: TS / QU CHECKED BY: JM

L6.0

Date Plotted: 8/22/2025 4:13 PM

PLANTING LEGEND

Symbol	Description
	TURF
	HIGHER HIGH TIDE (9.5') - MEAN HIGHER HIGH (6.01') *DISTICHLIS SPICATA* SALT GRASS
	MEAN HIGHER HIGH (6.01') - MEAN HIGH TIDE (5.5') *SALICORNIA PACIFICA* PICKLEWEED



Date Plotted: 8/22/2025 4:14 PM

rhaa Landscape Architecture & Planning

225 Miller Avenue, Mill Valley, CA 94941
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rhaa.com

PROJECT/CLIENT NAME

Dunphy Park Improvement Project Phase 2

200 Napa Street
Sausalito, CA 94965

Owner:
City of Sausalito
420 Litho St.
Sausalito, CA 94965

RHAA PROJECT NUMBER

16042A

CONSULTANT

SUBMITTAL

Bid Documents

DATE

22 AUGUST 2025

REVISIONS

No.	Date	Description

REGISTRATION AND SIGNATURE

LICENSED LANDSCAPE ARCHITECT
Signature
05-31-2026
Renewal Date
08-22-2025
Date
STATE OF CALIFORNIA

Public Works Director:
Date:

SCALE

1" = 20'-0"

0 10' 20' 40'

N

SHEET TITLE

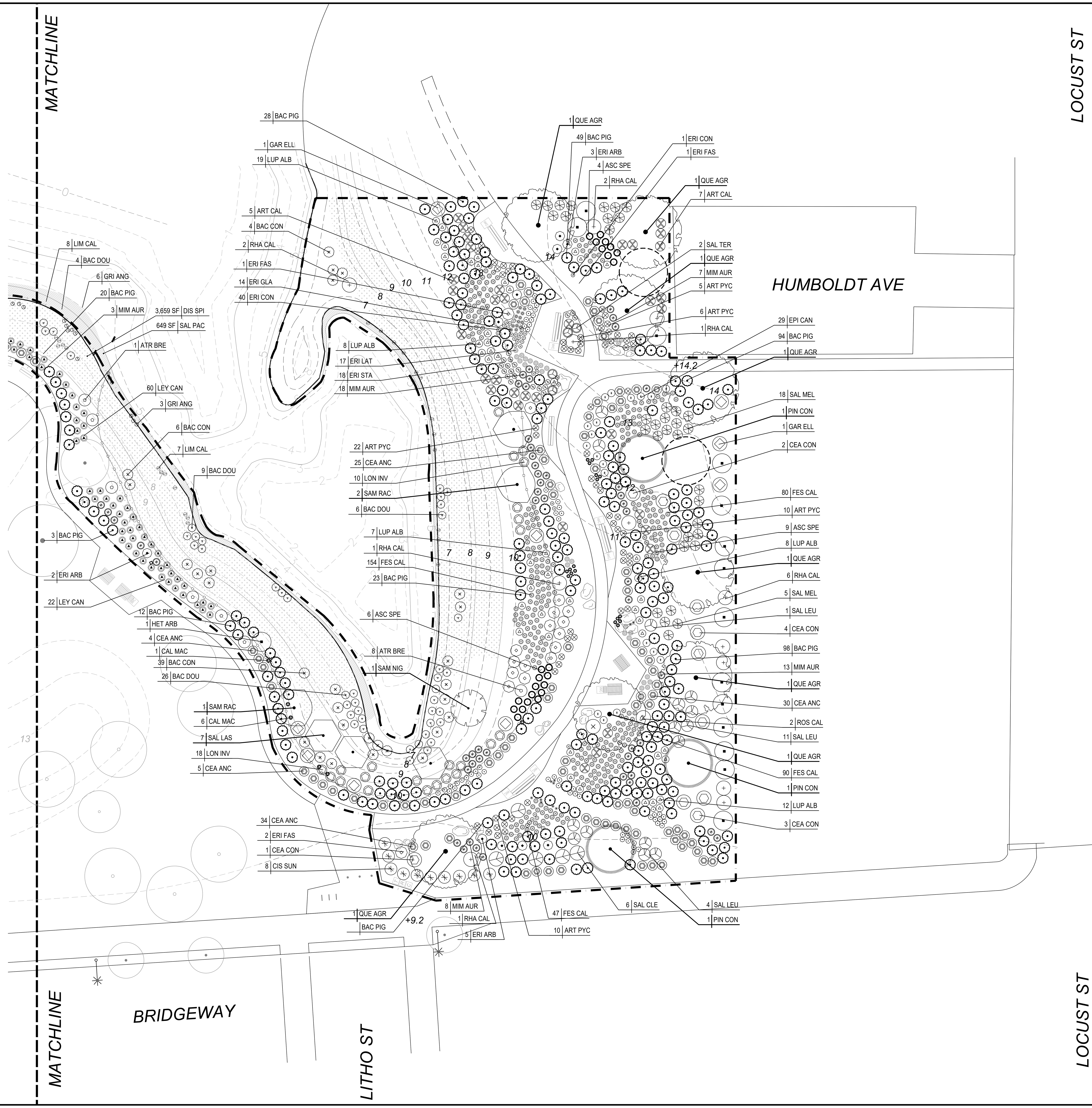
PLANTING PLAN

DRAWN BY: TS / QU CHECKED BY: JM

L6.1

PLANTING LEGEND

(turf hatch)	TURF
(salt grass hatch)	HIGHER HIGH TIDE (9.5') - MEAN HIGHER HIGH (6.01') *DISTICHLIS SPICATA* SALT GRASS
(pickleweed hatch)	MEAN HIGHER HIGH (6.01') - MEAN HIGH TIDE (5.5') *SALICORNIA PACIFICA* PICKLEWEED



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Public Works Director:
Date:

SCALE
1" = 20'-0"
0 10' 20' 40'
N

SHEET TITLE

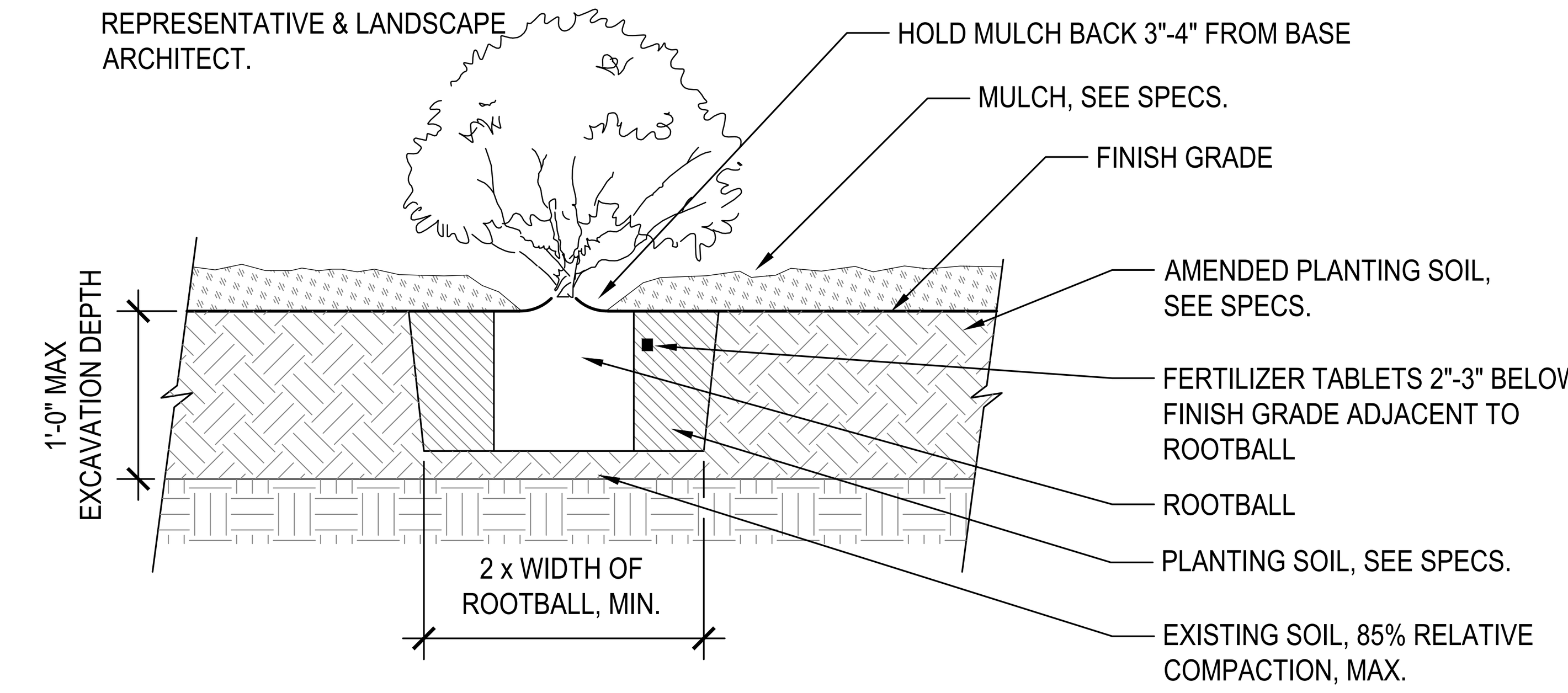
PLANTING PLAN

DRAWN BY: TS / QU CHECKED BY: JM

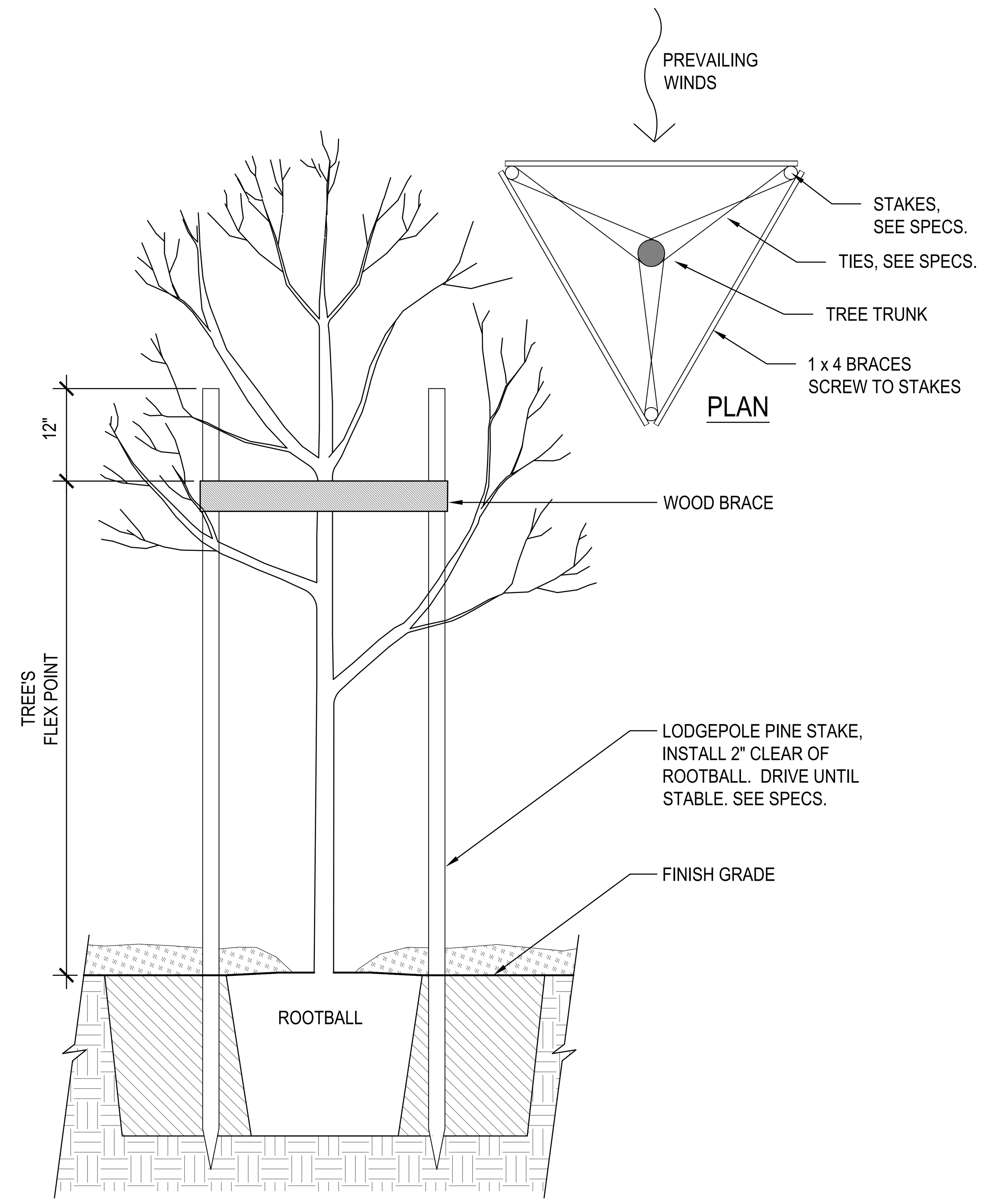
L6.2

Date Plotted: 8/22/2025 4:13 PM

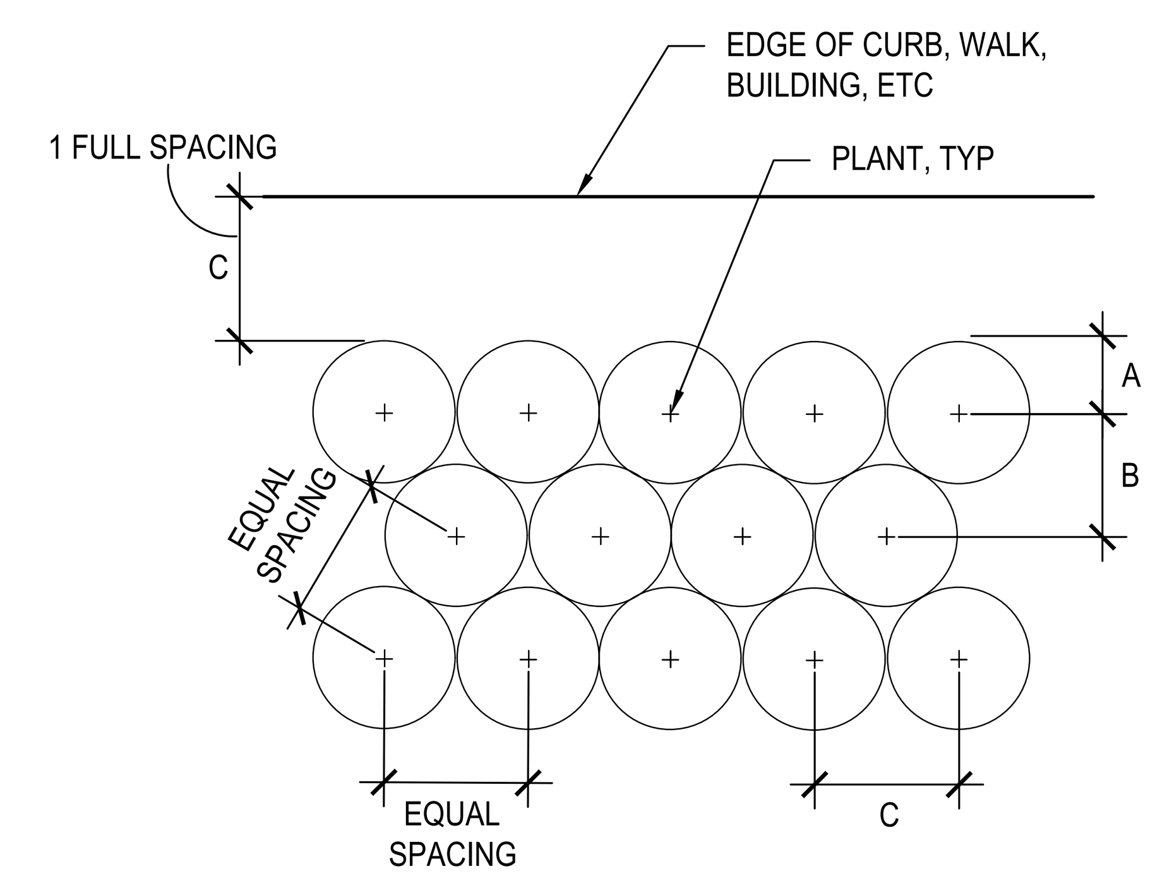
NOTE:
1. SEE SPECS FOR MORE INFORMATION REGARDING PLANT INSTALLATION AND SOIL PREPARATION.
2. DO NOT INSTALL IN WASTE MATERIAL. IF WASTE IS ENCOUNTERED CONTACT CITY REPRESENTATIVE & LANDSCAPE ARCHITECT.



1 SHRUB PLANTING
SCALE: 1" = 1'-0"



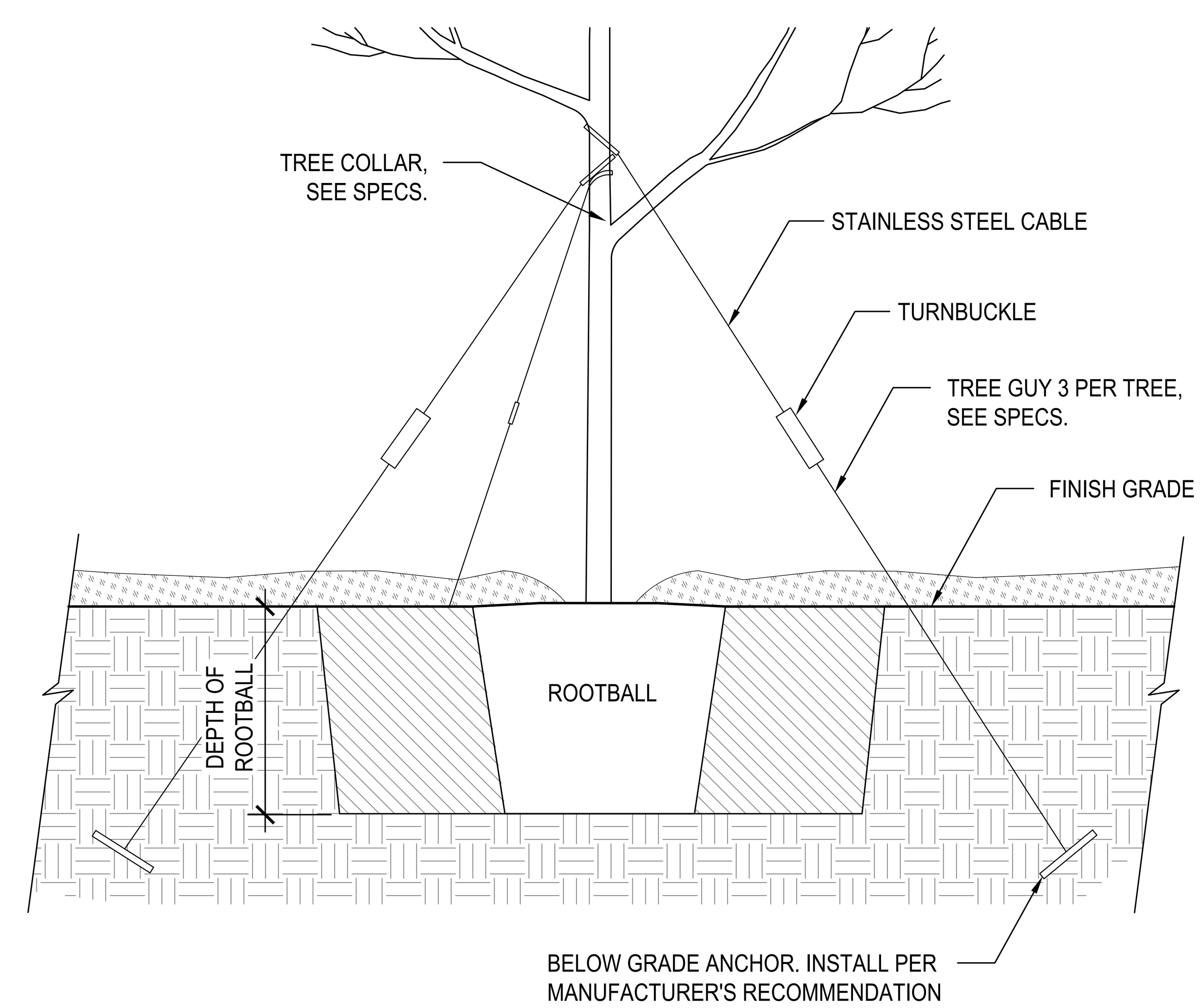
4 TREE STAKING
SCALE: 3/4" = 1'-0"



NOTES:
1. SEE PLANTING PLAN FOR SPACING BY PLANT SPECIES.
2. INSTALL TRIANGULATED PLANT LAYOUT, UNLESS OTHERWISE SHOWN ON PLANS.

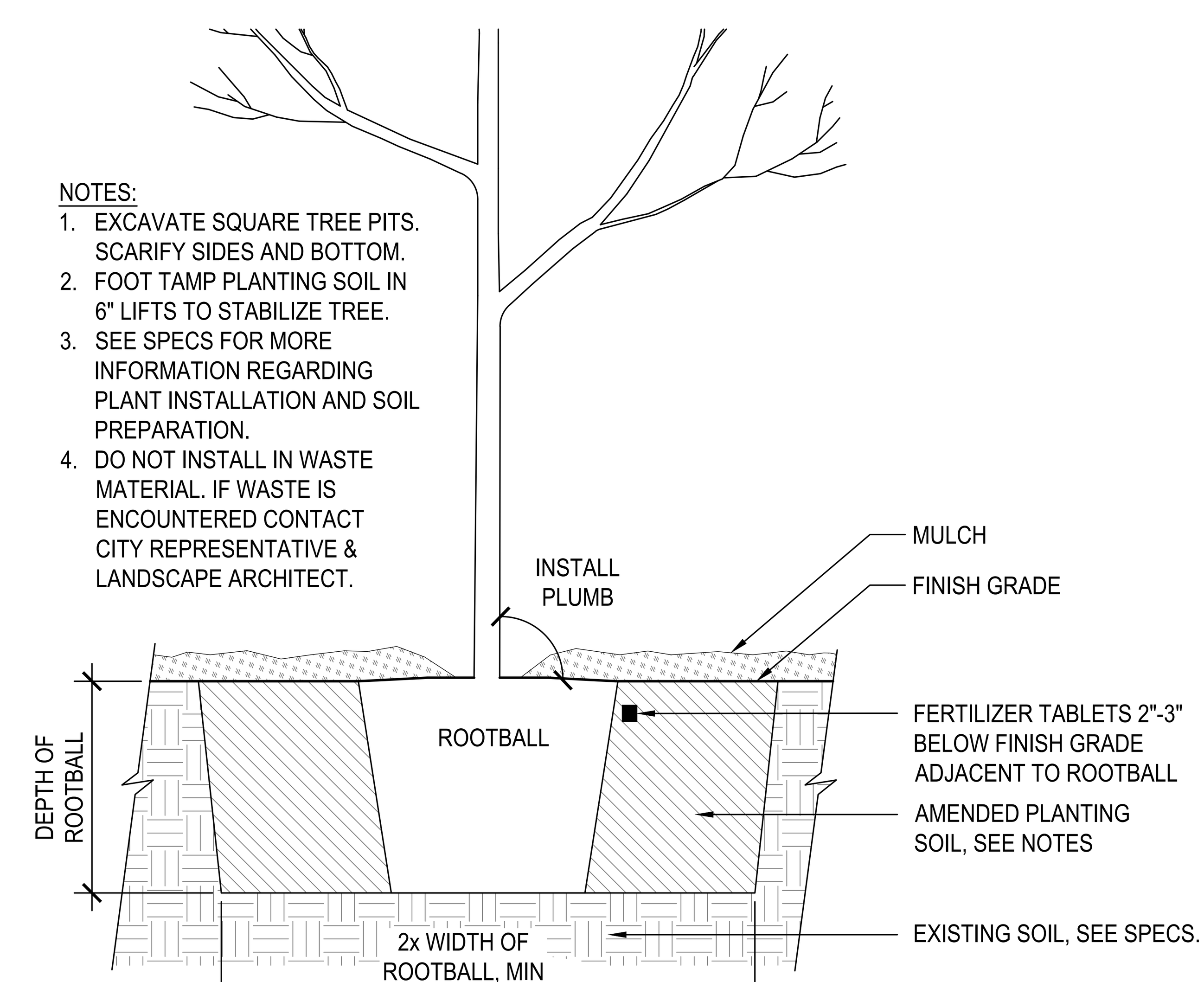
PLANT SPACING	A	B	C
12"	6"	10"	12"
1'-6"	9"	1'-4"	1'-6"
2'-0"	12"	1'-9"	2'-0"
2'-6"	1'-3"	2'-2"	2'-6"
3'-0"	1'-6"	2'-7"	3'-0"
3'-6"	1'-9"	3'-0"	3'-6"
4'-0"	2'-0"	3'-6"	4'-0"
4'-6"	2'-3"	3'-11"	4'-6"
5'-0"	2'-6"	4'-4"	5'-0"

2 PLANTING LAYOUT
NTS



5 TREE GUYING
NTS

NOTES:
1. EXCAVATE SQUARE TREE PITS. SCARIFY SIDES AND BOTTOM.
2. FOOT TAMP PLANTING SOIL IN 6" LIFTS TO STABILIZE TREE.
3. SEE SPECS FOR MORE INFORMATION REGARDING PLANT INSTALLATION AND SOIL PREPARATION.
4. DO NOT INSTALL IN WASTE MATERIAL. IF WASTE IS ENCOUNTERED CONTACT CITY REPRESENTATIVE & LANDSCAPE ARCHITECT.



3 TREE PLANTING
NTS

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REGISTRATION AND SIGNATURE

Public Works Director:
Date:

SHEET TITLE
PLANTING DETAILS

DRAWN BY: TS / QU CHECKED BY: JM

L6.3

Date Plotted: 8/22/2025 4:13 PM