



Aquatic Park | Bolivar Drive Improvements

600 Addison Street, Berkeley, CA 94710

100% SUBMISSION - ISSUE FOR PERMIT
05.01.2023

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ISSUED FOR REFERENCE ONLY ISSUED WITH NO CHANGES

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AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

Project Name
 Aquatic Park | Bolivar Drive Improvements
 Project Number
 33.4462.000
 Description
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Scale

G0.01

NOTES

I. GENERAL NOTES

- REFERENCES:
 - 2018 CALTRANS STANDARD PLANS.
 - CITY OF BERKELEY STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.
 - 2008 EAST BAY MUNICIPAL UTILITY DISTRICT STANDARD SPECIFICATIONS
 - 2019 CALIFORNIA BUILDING CODE
 - 2019 CALIFORNIA PLUMBING CODE
 - 2019 CALIFORNIA ENERGY CODE
 - 2016 CALIFORNIA GREEN BUILDING STANDARDS
 - 2020 CALDAG INTERPRETIVE MANUAL AND CHECKLIST
- 1. PERFORM WORK IN CONFORMANCE WITH THE "DESIGN-LEVEL GEOTECHNICAL INVESTIGATION, BERKELEY COMMONS", BY CORNERSTONE DATED MAY 5, 2021. GRADING WORK WILL BE SUBJECT TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER.
- 2. REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WRITING BY THE CIVIL ENGINEER, BKF ENGINEERS, WHO WILL OBTAIN APPROVAL FROM THE CITY ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED ITEMS. REVISIONS WILL BE ACCURATELY SHOWN ON REVISED PLANS, WHICH WILL BE REVIEWED AND APPROVED BY THE ENGINEER AND CITY ENGINEER PRIOR TO INSTALLATION OF THE IMPROVEMENTS.
- 3. RESTORE, TO THEIR PREVIOUS CONDITION, WALLS, FENCES, SERVICES, UTILITIES, IMPROVEMENTS, OR FEATURES OF WHATEVER NATURE WHICH ARE DAMAGED DUE TO THE CONTRACTOR'S WORK, WHETHER OR NOT SHOWN ON THESE PLANS, PER THE CITY OF BERKELEY SPECIFICATIONS AND DETAILS.
- 4. REPLACE STREET MONUMENTS AND OTHER PERMANENT MONUMENTS DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION BEFORE ACCEPTANCE OF THE IMPROVEMENTS BY THE CITY ENGINEER.
- 5. MAINTAIN EXISTING PEDESTRIAN WALKWAYS, BIKE PATHS AND ACCESSIBLE PATHWAYS DURING CONSTRUCTION TO THE SATISFACTION OF THE CITY ENGINEER.
- 6. ADEQUATELY SHORE, BRACE, AND SHEATH EXCAVATIONS SO THAT THE EARTH WILL NOT SLIDE OR SETTLE, AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING, AND SHEATHING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR AND HE/SHE SHALL COMPLETE NECESSARY REPAIRS OR RECONSTRUCTION AT HIS/HER OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, PROVIDE SHEATHING, SHORING AND BRACING IN CONFORMANCE WITH THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA AND COMPLY WITH OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION REQUIREMENTS DURING CONSTRUCTION.
- 7. CLEAN CITY STREETS DURING CONSTRUCTION AS OFTEN AS REQUIRED TO REMOVE MUD AND DEBRIS CREATED FROM THIS CONSTRUCTION. IF IMPORT OR EXPORT OF DIRT IS NECESSARY, OBTAIN APPROVAL FOR THE ROUTE FROM THE CITY ENGINEERING DIVISION.
- 8. CONSTRUCTION STAKING FOR CURB, GUTTER, SIDEWALK, SANITARY SEWERS, STORM DRAINS, WATER LINES, FIRE HYDRANTS, ELECTROLIERS, UTILITY VAULTS, ETC., SHALL BE DONE BY A CIVIL ENGINEER OR LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA.
- 9. SHOULD IT APPEAR THAT THE WORK TO BE DONE IS NOT SUFFICIENTLY DETAILED OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS, NOTIFY THE ENGINEER, BKF ENGINEERS AT (650)482-6300, BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- 10. MATCH EXISTING PAVEMENT, ADJACENT LANDSCAPE, AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALK, ETC., TO AVOID ABRUPT OR APPARENT CHANGES IN GRADES, CROSS SLOPES, LOW SPOTS, OR HAZARDOUS CONDITIONS.
- 11. WHEN SPECIFICATIONS OR STANDARDS FROM DIFFERENT AUTHORITIES DIFFER FOR THE SAME SUBJECT MATTER, CONTACT THE OWNER'S REPRESENTATIVE AND REQUEST CLARIFICATION.
- 12. CONFORM TO WORK HOURS AS SPECIFIED BY THE CITY OF BERKELEY. WORK HOURS ARE MONDAY TO FRIDAY FROM 7AM-7PM. NO WEEKEND WORK ALLOWED UNLESS APPROVED BY THE CITY.
- 13. HALT CONSTRUCTION ACTIVITY AND CONTACT A QUALIFIED ARCHAEOLOGIST IF ARCHAEOLOGICAL RESOURCES SUCH AS CHIPPED STONE OR GRINDSTONE, HISTORIC DEBRIS, BUILDING FOUNDATION, OR HUMAN BONE OR ANY OTHER INDICATORS OF CULTURAL RESOURCES ARE DISCOVERED DURING GROUND DISTURBING ACTIVITIES. IF ANY FIND IS DETERMINED TO BE SIGNIFICANT, A REPRESENTATIVE OF THE CITY, CONSTRUCTION CONTRACTOR, AND THE ARCHAEOLOGIST SHALL MEET TO DETERMINE THE APPROPRIATE COURSE OF ACTION. IN THE EVENT THAT HUMAN REMAINS ARE DISCOVERED, AN APPROPRIATE REPRESENTATIVE OF THE NATIVE AMERICAN GROUPS AND THE COUNTY CORNER SHALL BE NOTIFIED AND CONSULTED, AS REQUIRED BY STATE LAW. ALL CULTURAL MATERIALS RECOVERED AS PART OF THE MONITORING PROGRAM WOULD BE SUBJECT TO SCIENTIFIC ANALYSIS, PROFESSIONAL MUSEUM CURATION, AND REPORT PREPARED ACCORDING TO CURRENT PROFESSIONAL STANDARDS.
- 14. UPON DISCOVERY OF HAZARDOUS MATERIAL, THE CONTRACTOR SHALL STOP THE WORK PROMPTLY AND NOTIFY THE FIRE DEPARTMENT, DEPARTMENT OF ENVIRONMENTAL SERVICES AND PUBLIC WORKS INSPECTION FOLLOWED BY WRITTEN NOTICE OF ANY:
 - A. MATERIAL THAT THE CONTRACTOR BELIEVES MAY BE HAZARDOUS WASTE, AS DEFINED IN SECTION 25117 OF THE HEALTH AND SAFETY CODE THAT IS REQUIRED TO BE REMOVED TO A CLASS I, CLASS II, OR CLASS III DISPOSAL SITE IN ACCORDANCE WITH PROVISIONS OF EXISTING LAW.
 - B. SUBSURFACE OR LATENT PHYSICAL CONDITIONS AT THE SITE DIFFERING FROM THOSE INDICATED ON THE PLANS, NOTES, OR SOILS REPORT.
 - C. UNKNOWN PHYSICAL CONDITIONS AT THE SITE OF ANY UNUSUAL NATURE, DIFFERING MATERIALLY FROM THOSE ORDINARILY ENCOUNTERED AND GENERALLY RECOGNIZED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE CONTRACT. THE DEVELOPER'S AGENT SHALL PROMPTLY INVESTIGATE THE SUSPECTED CONDITION AND, AS NECESSARY, INITIATE FURTHER ANALYSIS OF THE PROBLEM. IF REMEDIATION IS REQUIRED, THE DEVELOPER SHALL SUBMIT A REMEDIATION PLAN TO THE DIRECTOR OF PUBLIC WORKS AND, UPON APPROVAL BY THE DIRECTOR, SHALL IMPLEMENT THE PLAN AT THE DEVELOPER'S SOLE EXPENSE.
- 18. OBTAIN REQUIRED PERMITS NECESSARY TO PERFORM THE IMPROVEMENTS IN THESE PLANS FROM THE APPROPRIATE AGENCIES AND COMPLY WITH THE AGENCIES' REQUIREMENTS.
- 19. THE APPLICANT AND ALL PERSONS ASSOCIATED WITH THE PROJECT ARE HEREBY NOTIFIED THAT A TRANSPORTATION CONSTRUCTION PLAN (TCP) IS REQUIRED FOR ALL PHASES OF CONSTRUCTION, PARTICULARLY FOR THE FOLLOWING ACTIVITIES:
 - ALTERATIONS, CLOSURES, OR BLOCKAGES TO SIDEWALKS, PEDESTRIAN PATHS OR VEHICLE TRAVEL LANES (INCLUDING BICYCLE LANES);
 - STORAGE OF BUILDING MATERIALS, DUMPSTERS, DEBRIS ANYWHERE IN THE PUBLIC ROW;
 - PROVISION OF EXCLUSIVE CONTRACTOR PARKING ON-STREET; OR
 - SIGNIFICANT TRUCK ACTIVITY
 THE APPLICANT SHALL SECURE THE CITY TRAFFIC ENGINEER'S APPROVAL OF A TCP. PLEASE CONTACT THE OFFICE OF TRANSPORTATION AT 981-7010, OR 1947 CENTER STREET, AND ASK TO SPEAK TO A TRAFFIC ENGINEER. IN ADDITION TO OTHER REQUIREMENTS OF THE TRAFFIC ENGINEER, THIS PLAN SHALL INCLUDE THE LOCATIONS OF MATERIAL AND EQUIPMENT STORAGE, TRAILERS, WORKER PARKING, A SCHEDULE OF SITE OPERATIONS THAT MAY BLOCK TRAFFIC, AND PROVISIONS FOR TRAFFIC CONTROL. THE TCP SHALL BE CONSISTENT WITH ANY OTHER REQUIREMENTS OF THE CONSTRUCTION PHASE.
 - CONTACT THE PERMIT SERVICE CENTER (PSC) AT 1947 CENTER STREET OR 981-7500 FOR DETAILS ON OBTAINING CONSTRUCTION/NO PARKING PERMITS (AND ASSOCIATED SIGNS AND ACCOMPANYING DASHBOARD PERMITS). PLEASE NOTE THAT THE ZONING OFFICER AND/OR TRAFFIC ENGINEER MAY LIMIT OFF-SITE PARKING OF CONSTRUCTION-RELATED VEHICLES IF NECESSARY TO PROTECT THE HEALTH, SAFETY OR CONVENIENCE OF THE SURROUNDING NEIGHBORHOOD. A CURRENT COPY OF THIS PLAN SHALL BE AVAILABLE AT ALL TIMES AT THE CONSTRUCTION SITE FOR REVIEW BY CITY STAFF.

- 20. INITIAL SITE DISTURBANCE ACTIVITIES, INCLUDING VEGETATION AND CONCRETE REMOVAL, SHALL BE PROHIBITED DURING THE GENERAL AVIAN NESTING SEASON (FEBRUARY 1 TO AUGUST 30), IF FEASIBLE. IF NESTING SEASON AVOIDANCE IS NOT FEASIBLE, THE APPLICANT SHALL RETAIN A QUALIFIED BIOLOGIST TO CONDUCT A PRECONSTRUCTION NESTING BIRD SURVEY TO DETERMINE THE PRESENCE/ABSENCE, LOCATION, AND ACTIVITY STATUS OF ANY ACTIVE NESTS ON OR ADJACENT TO THE PROJECT SITE. THE EXTENT OF THE SURVEY BUFFER AREA SURROUNDING THE SITE SHALL BE ESTABLISHED BY THE QUALIFIED BIOLOGIST TO ENSURE THAT DIRECT AND INDIRECT EFFECTS TO NESTING BIRDS ARE AVOIDED, TO AVOID THE DESTRUCTION OF ACTIVE NESTS AND TO PROTECT THE REPRODUCTIVE SUCCESS OF BIRDS. SPECIFICATIONS, AND STANDARD DRAWINGS UNLESS OTHERWISE NOTED.
- 11. IN THE EVENT OF WET UNSTABLE TRENCH BOTTOM OR IF GROUND WATER IS ENCOUNTERED, DEWATERING IS REQUIRED. CONTACT THE GEOTECHNICAL ENGINEER FOR DEWATERING RECOMMENDATIONS.
- 12. DO NOT PLANT PROPOSED & RELOCATED TREES WITHIN 10' OF PUBLICLY MAINTAINED SANITARY SEWER MAINS & LATERALS.
- 13. ALL ON-SITE STORM DRAIN INLETS MUST BE LABELED "NO DUMPING DRAINS TO BAY" OR EQUIVALENT USING METHODS APPROVED BY THE CITY.

- 21. IN THE EVENT OF AN UNANTICIPATED DISCOVERY OF A PALEONTOLOGICAL RESOURCE DURING CONSTRUCTION, EXCAVATIONS WITHIN 50 FEET OF THE FIND SHALL BE TEMPORARILY HALTED OR DIVERTED UNTIL THE DISCOVERY IS EXAMINED BY A QUALIFIED PALEONTOLOGIST (PER SOCIETY OF VERTEBRATE PALEONTOLOGY STANDARDS [SVP 1995,1996]). THE QUALIFIED PALEONTOLOGIST SHALL DOCUMENT THE DISCOVERY AS NEEDED, EVALUATE THE POTENTIAL RESOURCE, AND ASSESS THE SIGNIFICANCE OF THE FIND. THE PALEONTOLOGIST SHALL NOTIFY THE APPROPRIATE AGENCIES TO DETERMINE PROCEDURES THAT WOULD BE FOLLOWED BEFORE CONSTRUCTION IS ALLOWED TO RESUME AT THE LOCATION OF THE FIND. IF THE CITY DETERMINES THAT AVOIDANCE IS NOT FEASIBLE, THE PALEONTOLOGIST SHALL NOTIFY THE APPROPRIATE AGENCIES FOR MITIGATING THE EFFECT OF THE PROJECT ON THE QUALITIES THAT MAKE THE RESOURCE IMPORTANT, AND SUCH PLAN SHALL BEN IMPLEMENTED. THE PLAN SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL.

II. EXISTING CONDITIONS

- 1. PRIOR TO THE START OF CONSTRUCTION, REVIEW RECORD DOCUMENTS, VERIFY THAT EXISTING CONDITIONS AT THE PROJECT SITE ARE AS SHOWN ON THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND INFORMATION SHOWN ON THESE IMPROVEMENT PLANS.
- 2. THE UTILITY INFORMATION SHOWN IS NOT MEANT TO BE A FULL CATALOG OF EXISTING CONDITIONS. PRIOR TO COMMENCEMENT OF CONSTRUCTION, REVIEW RECORD DRAWINGS AND CONDUCT FIELD INVESTIGATIONS TO VERIFY THE LOCATION AND ELEVATIONS OF EXISTING UTILITIES – WHETHER SHOWN ON THESE PLANS OR NOT. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND INFORMATION SHOWN ON THESE CONSTRUCTION DOCUMENTS.
- 3. VERIFY THE ELEVATION AND LOCATION OF EXISTING UTILITIES AT CROSSINGS AND CONNECTIONS PRIOR TO START OF CONSTRUCTION AFFECTING SAID UTILITY LINES. POTHOLES EXISTING UTILITIES WHERE PROPOSED UTILITIES CROSS OR ADJACENT TO EXISTING UTILITIES REPORT DISCREPANCIES TO ENGINEER AND REQUEST CLARIFICATION.

III. GRADING

- 1. NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST (48) HOURS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
- 2. THE GEOTECHNICAL ENGINEER WILL BE PRESENT AT THE SITE DURING GRADING OPERATIONS AND WILL PERFORM TESTING DEEMED NECESSARY. THE GEOTECHNICAL ENGINEER WILL OBSERVE GRADING OPERATIONS AND IF NECESSARY, RECOMMEND CORRECTIVE MEASURES TO THE CONTRACTOR AND CITY ENGINEER.
- 3. UPON COMPLETION OF GRADING OPERATIONS, THE GEOTECHNICAL ENGINEER WILL PROVIDE A WRITTEN REPORT DOCUMENTING THE RESULTS OF THE GEOTECHNICAL ENGINEER'S SITE OBSERVATION AND TESTING ACTIVITIES PERFORMED DURING SITE GRADING OPERATION.
- 4. REFER TO LANDSCAPE PLANS FOR DEPTH OF SOIL AMENDMENTS AND FINE GRADING IN LANDSCAPED AREAS.
- 5. CONTOUR LINES AND SPOT ELEVATIONS SHOWN ON GRADING PLANS REPRESENT FINISHED GRADE OF SOIL SURFACE.
- 6. REFER TO THE GEOTECHNICAL REPORT "DESIGN-LEVEL GEOTECHNICAL INVESTIGATION, BERKELEY COMMONS" BY CORNERSTONE DATED MAY 5, 2021 FOR SOIL AND SUBGRADE PREPARATION INSTRUCTIONS IMPORT MATERIAL SPECIFICATIONS, AND DETAILED PAVEMENT SECTION INFORMATION.
- 7. FOR BIDDING PURPOSES, CONTRACTOR SHALL MAKE HIS/HER OWN DETERMINATION OF EARTHWORK QUANTITIES.

IV. DEMOLITION

- 1. IF ADDITIONAL UTILITIES NOT SHOWN ON THESE PLANS ARE FOUND, CONTACT THE OWNER'S REPRESENTATIVE FOR DIRECTION BEFORE REMOVING OR DEMOLISHING UTILITY.
- 2. ITEMS DEMOLISHED ARE TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LAWFULLY DISPOSED OFF-SITE AND IN CONFORMANCE WITH THE CITY CONSTRUCTION AND DEMOLITION DEBRIS REUSE AND RECYCLING PROGRAM.
- 3. OBTAIN CITY PERMIT FOR HAUL ROUTES PRIOR TO BEGINNING WORK.
- 4. DIVERT DEBRIS ACCORDING TO YOUR PLAN AND COLLECT REQUIRED DOCUMENTATION. GET CONSTRUCTION DEBRIS RECEIPTS FROM SORTING FACILITIES IN ORDER TO VERIFY DIVERSION REQUIREMENTS. UPLOAD RECYCLING AND DISPOSAL RECEIPTS IF USING GREEN HALO AND SUBMIT ONLINE FOR CITY REVIEW AND APPROVAL PRIOR TO FINAL INSPECTION. ALTERNATIVELY, COMPLETE THE SECOND PAGE OF THE ORIGINAL CONSTRUCTION WASTE MANAGEMENT PLAN AND PRESENT IT, ALONG WITH YOUR CONSTRUCTION DEBRIS RECEIPTS, TO THE BUILDING INSPECTOR BY THE FINAL INSPECTION TO DEMONSTRATE DIVERSION RATE COMPLIANCE. THE ZONING OFFICER MAY REQUEST SUMMARY REPORTS AT MORE FREQUENT INTERVALS, AS NECESSARY TO ENSURE COMPLIANCE WITH THIS REQUIREMENT.

V. UTILITIES

- 1. PROVIDE A MINIMUM OF TWELVE INCHES VERTICAL CLEARANCE BETWEEN ADJACENT UTILITY PIPES AT UTILITY CROSSINGS UNLESS OTHERWISE NOTED ON PLANS.
- 2. PROPOSED ELECTRIC, GAS, TELEPHONE, CABLE AND JOINT TRENCH INFORMATION SHOWN ON CIVIL PLANS IS GRAPHICAL AND FOR COORDINATION PURPOSES. SEE ELECTRICAL, MECHANICAL, AND JOINT TRENCH PLANS FOR ADDITIONAL INFORMATION.
- 3. CONSTRUCT VERTICAL GRADE BREAKS AND HORIZONTAL DEFLECTIONS IN UNDERGROUND UTILITIES USING HIGH DEFLECTION COUPLINGS WITH A MAXIMUM TOTAL DEFLECTION OF 2 DEGREES PER COUPLING. DEFLECTION WILL NOT EXCEED 1/2 OF MANUFACTURER'S ALLOWABLE DEFLECTION.
- 4. USE H-20 RATED UTILITY BOXES AND LIDS IN PAVED AREAS.
- 5. TRENCH STORM DRAIN ACCORDING TO CITY OF BERKELEY STANDARD DETAILS AND STANDARD SPECIFICATIONS.
- 6. INSTALL UTILITIES IN ACCORDANCE WITH THE CITY OF BERKELEY STANDARD SPECIFICATIONS, EAST BAY MUNICIPAL UTILITY DISTRICT AND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.

- 7. INSTALL UTILITIES IN ACCORDANCE WITH THE CITY OF BERKELEY STANDARD SPECIFICATIONS, EAST BAY MUNICIPAL UTILITY DISTRICT AND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.
- 8. IF UNDERGROUND UTILITY FACILITIES (W, SD, SS, IRRIG, ETC) ARE DISCOVERED BUT NOT SHOWN ON THESE PLANS, NOTIFY THE OWNER'S REPRESENTATIVE BEFORE REMOVAL OF SAID MATERIAL.
- 9. SYMBOL FOR PROPOSED MANHOLES REPRESENTS ORIENTATION OF MANHOLE LID.
- 10. FOR CONSTRUCTION ACTIVITIES AND WORK, COMPLY WITH CITY OF BERKELEY STANDARD SPECIFICATIONS, AND THE GREENBOOK AND SPECIFICATIONS, CONSTRUCTION DETAILS, AND STANDARD DRAWINGS UNLESS OTHERWISE NOTED.
- 11. IN THE EVENT OF WET UNSTABLE TRENCH BOTTOM OR IF GROUND WATER IS ENCOUNTERED, DEWATERING IS REQUIRED. CONTACT THE GEOTECHNICAL ENGINEER FOR DEWATERING RECOMMENDATIONS.
- 12. DO NOT PLANT PROPOSED & RELOCATED TREES WITHIN 10' OF PUBLICLY MAINTAINED SANITARY SEWER MAINS & LATERALS.
- 13. ALL ON-SITE STORM DRAIN INLETS MUST BE LABELED "NO DUMPING DRAINS TO BAY" OR EQUIVALENT USING METHODS APPROVED BY THE CITY.

VI. FIRE PREVENTION

- 1. FLUSH AND PLACE IN SERVICE THE ON-SITE FIRE HYDRANTS PRIOR TO COMBUSTIBLE MATERIALS BEING BROUGHT ON SITE.
- 2. INSTALL AND MAINTAIN THE FIRE LANE PRIOR TO COMBUSTIBLE MATERIALS BEING BROUGHT ON SITE.

VII. AIR QUALITY – DIESEL PARTICULATE MATTER CONTROLS DURING CONSTRUCTION.

- 1. ALL OFF-ROAD CONSTRUCTION EQUIPMENT USED FOR PROJECTS WITH CONSTRUCTION LASTING MORE THAN 2 MONTHS SHALL COMPLY WITH ONE OF THE FOLLOWING MEASURES:
 - A. THE PROJECT APPLICANT SHALL PREPARE A HEALTH RISK ASSESSMENT THAT DEMONSTRATES THE PROJECT'S ON-SITE EMISSIONS OF DIESEL PARTICULATE MATTER DURING CONSTRUCTION WILL NOT EXCEED HEALTH RISK SCREENING CRITERIA AFTER A SCREENING-LEVEL HEALTH RISK ASSESSMENT IS CONDUCTED IN ACCORDANCE WITH CURRENT GUIDANCE FROM BAAQMD AND OEHHA. THE HEALTH RISK ASSESSMENT SHALL BE SUBMITTED TO THE LAND USE PLANNING DIVISION FOR REVIEW AND APPROVAL PRIOR TO THE ISSUANCE OF BUILDING PERMITS; OR
 - B. ALL CONSTRUCTION EQUIPMENT SHALL BE EQUIPPED WITH TIER 2 OR HIGHER ENGINES AND THE MOST EFFECTIVE VERIFIED DIESEL EMISSION CONTROL STRATEGIES (VOECES) AVAILABLE FOR THE ENGINE TYPE (TIER 4 ENGINES AUTOMATICALLY MEET THIS REQUIREMENT) AS CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD (CARB). THE EQUIPMENT SHALL BE PROPERLY MAINTAINED AND TUNED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.

IN ADDITION, A CONSTRUCTION EMISSIONS MINIMIZATION PLAN (EMISSIONS PLAN) SHALL BE PREPARED THAT INCLUDES THE FOLLOWING:

- AN EQUIPMENT INVENTORY SUMMARIZING THE TYPE OF OFF-ROAD EQUIPMENT REQUIRED FOR EACH PHASE OF CONSTRUCTION, INCLUDING THE EQUIPMENT MANUFACTURER, EQUIPMENT IDENTIFICATION NUMBER, ENGINE MODEL YEAR, ENGINE CERTIFICATION (TIER RATING), HORSEPOWER, AND ENGINE SERIAL NUMBER. FOR ALL VOECES, THE EQUIPMENT INVENTORY SHALL ALSO INCLUDE THE TECHNOLOGY TYPE, SERIAL NUMBER, MAKE, MODEL, MANUFACTURER, CARB VERIFICATION NUMBER LEVEL, AND INSTALLATION DATE.
- A CERTIFICATION STATEMENT THAT THE CONTRACTOR AGREES TO COMPLY FULLY WITH THE EMISSIONS PLAN AND ACKNOWLEDGES THAT A SIGNIFICANT VIOLATION OF THE EMISSIONS PLAN SHALL CONSTITUTE A MATERIAL BREACH OF CONTRACT. THE EMISSIONS PLAN SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE ISSUANCE OF BUILDING PERMITS.

VIII. RECORD DRAWINGS

- 1. PROVIDE THE LOCATION AND ELEVATION OF THE EXISTING IMPROVEMENTS ENCOUNTERED. CERTIFY THE "REDLINED" RECORD DRAWINGS FOR THE PROJECT ON A SET OF CONSTRUCTION PLAN REPRODUCIBLES, AND DELIVER THE DRAWINGS TO THE OWNER'S REPRESENTATIVE AT COMPLETION OF PROJECT AND WHEN REQUESTED BY OWNER'S REPRESENTATIVE.

IX. STATEMENT OF RESPONSIBILITY

- 1. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH THE GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE/SHE TAKES SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT— INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT WILL BE MADE TO APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ALL LIABILITIES, REAL, ALLEGED, OR ARISING FROM NEGLIGENCE OF THE DESIGN PROFESSIONAL IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

X. UNAUTHORIZED CHANGES AND USES

- 1. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

XI. DRAWING LANGUAGE

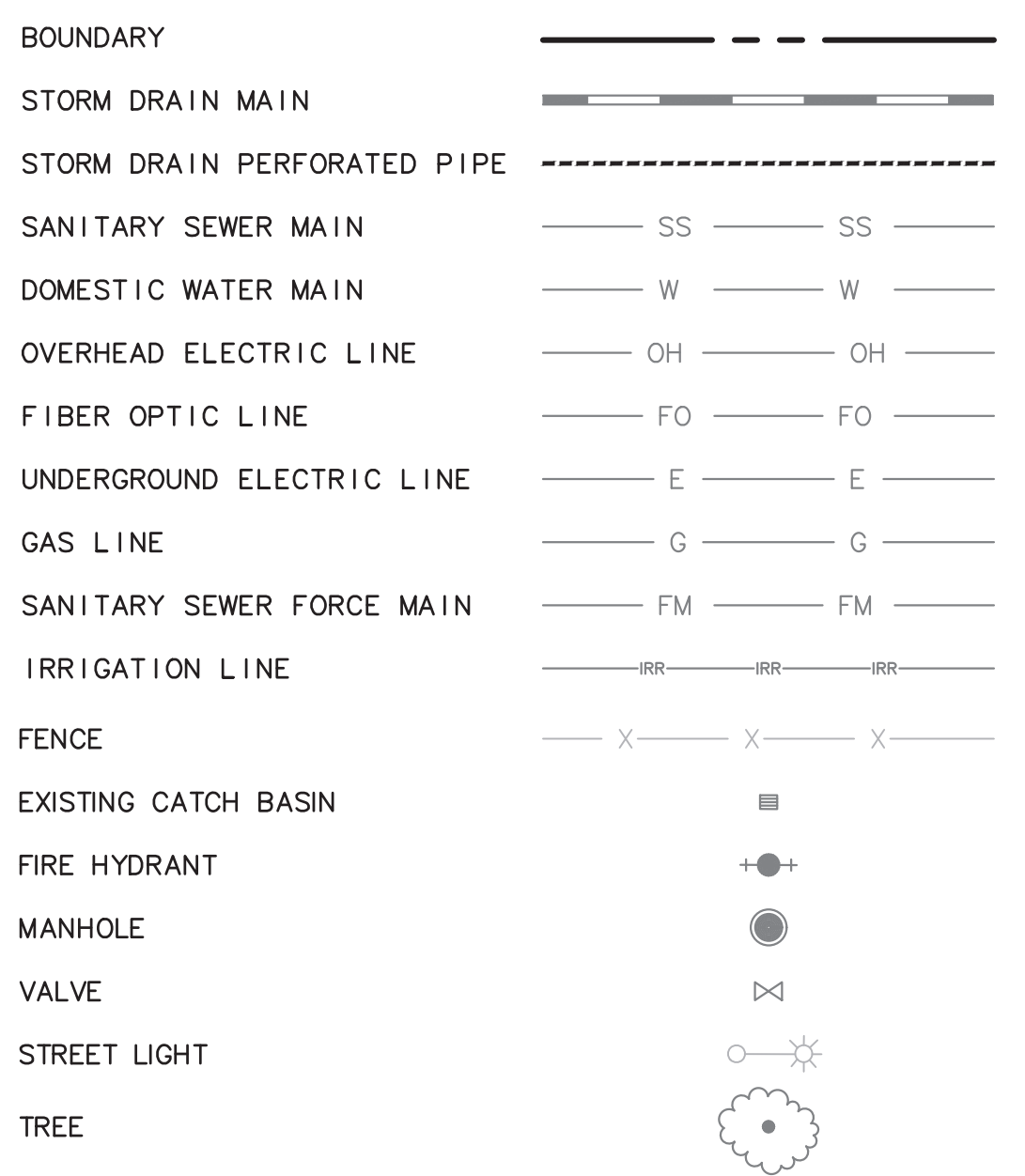
- 1. NOTES AND CALLOUTS ON DRAWINGS MAY USE IMPERATIVE LANGUAGE. REQUIREMENTS EXPRESSED IMPERATIVELY ARE TO BE PERFORMED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

BOLIVAR DRIVE PARKING COUNT

	PARKING STALL	ADA STALL
NORTH OF BANCROFT	20	3
SOUTH OF BANCROFT	14	2
BOLIVAR DRIVE PARKING COUNT	34	5

NOTE: ADA/PARKING STALL COUNT ARE PER THE 2020 CALDAG

LEGEND



ABBREVIATIONS:

APN	ASSESSOR'S PARCEL NUMBER
CB	CATCH BASIN
CIPP	CURED IN PLACE PIPE
DG	DECOMPOSED GRANITE
DW	DOMESTIC WATER
E	EAST
ELEV	ELEVATION
EX	EXISTING
FD	FIRE HYDRANT
HDPE	HIGH DENSITY POLY ETHYLENE
INV	INVERT
IRR	IRRIGATION
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
NE	NORTHEAST
NTS	NOT TO SCALE
NW	NORTHWEST
RCP	REINFORCED CONCRETE PIPE
RIM	RIM ELEVATION
ROW	RIGHT OF WAY
RRFB	RECTANGULAR RAPID FLASHING BEACON
S	SOUTH
SD	STORM DRAIN
SDCB	STORM DRAIN CATCH BASIN
SDMH	STORM DRAIN MANHOLE
SE	SOUTHEAST
SS	SANITARY SEWER
SSFM	SANITARY SEWER FORCE MAIN
SDMH	SANITARY SEWER MANHOLE
SW	SOUTHWEST
TYP	TYPICAL
TPZ	TREE PROTECTION ZONE
VCP	VITRIFIED CLAY PIPE
W	WATER/WEST

DRAWING INDEX

C1.0	NOTES, LEGEND, AND ABBREVIATIONS
C2.0	EXISTING CONDITIONS
C2.1	EXISTING CONDITIONS
C3.0	DEMOLITION PLAN
C3.1	DEMOLITION PLAN
C4.0	DEMOLITION PLAN
C4.1	SITE PLAN
C4.2	HORIZONTAL CONTOL PLAN
C4.3	HORIZONTAL CONTOL PLAN
C4.4	FIRE EXCESS BIT
C5.0	GRADING PLAN AND PROFILE
C5.1	GRADING PLAN AND PROFILE
C5.2	GRADING PLAN AND PROFILE
C6.0	UTILITY PLAN
C6.1	UTILITY PLAN
C7.0	EROSION CONTROL PLAN
C7.1	EROSION CONTROL PLAN
C7.2	EROSION CONTROL DETAILS
C7.3	EROSION CONTROL BMP
C8.0	SIGNAGE AND STRIPING PLAN
C8.1	SIGNAGE AND STRIPING PLAN
C8.2	VEHICLE TURNS
C8.3	VEHICLE TURNS
C8.4	FIRE TRUCK TURNING
C9.0	SECTIONS
C10.0	DETAILS
C10.1	DETAILS
C10.2	DETAILS

BASIS OF BEARINGS

THE BEARING OF NORTH 141°7'16" WEST BETWEEN FOUND CITY OF BERKELEY MONUMENTS ON 4TH STREET AT THE INTERSECTIONS ALLSTON WAY AND ADDISON STREET, RESPECTIVELY, AS SHOWN ON THE PARCEL MAP, P.M. 8180, FILED FOR RECORD DECEMBER 31, 2003, IN BOOK 274 OF PARCEL MAPS AT PAGES 80 AND 81, ALAMEDA COUNTY RECORDS WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

VERTICAL DATUM

- 1. IS BASED ON FOUND CITY OF BERKELEY 1/4" PIN MONUMENT IN A MONUMENT WELL AT THE INTERSECTION OF ALLSTON WAY AND FOURTH STREET WITH A PUBLISHED ELEVATION OF 18.58 FEET. (DATUM = CITY OF BERKELEY).
- 2. TO OBTAIN NAVD 88 ELEVATIONS, ADD 5.89 FEET TO CITY OF BERKELEY ELEVATIONS.

ENGINEER'S STATEMENT

THESE IMPROVEMENT PLANS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECTION IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICE.

THOMAS R. MORSE, P.E.
VICE PRESIDENT
BKF ENGINEERS



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

L&P PARTNERS
Tel 415.845.7500

Gensler

2101 Webster Street
Suite 200
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499



255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

Tel 650.482.6300

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

DRAWING INDEX

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VICE PRESIDENT
BKF ENGINEERS



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

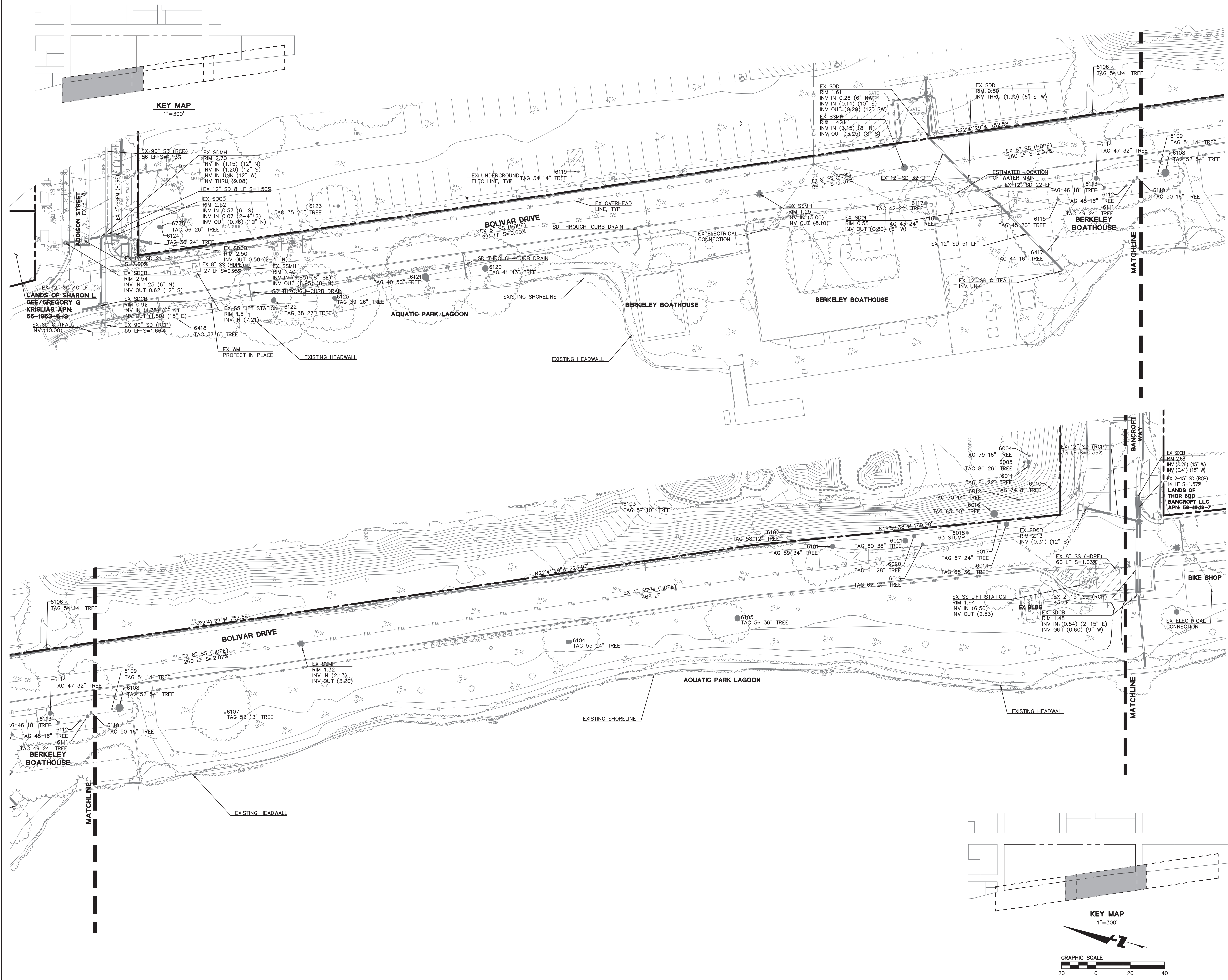
600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

L&P PARTNERS
Tel 415.845.7500
Fax 415.845.7499

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Oakland, CA 94612
United States
Tel 510.625.7400
Fax 510.625.7499

BKF
255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States
Tel 650.482.6300



KEY MAP
1"=300'

KEY MAP
1"=300'



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
EXISTING CONDITIONS

Scale
1" = 20'

C2.0

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
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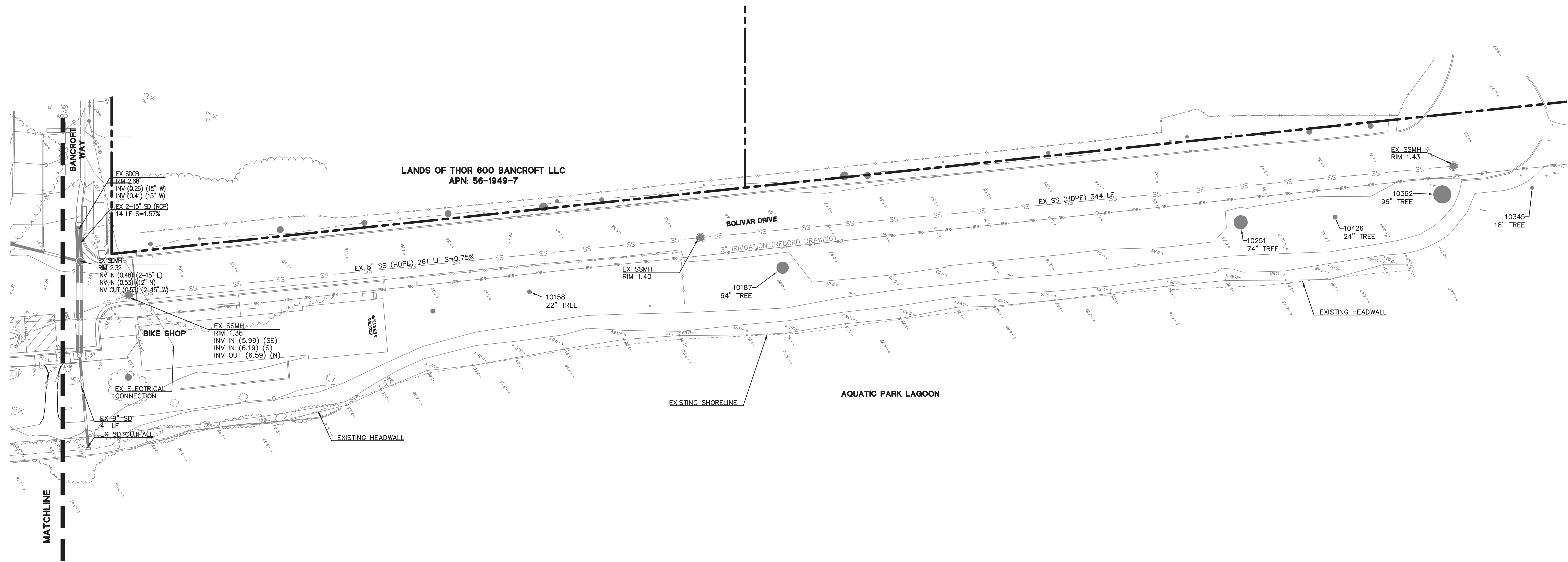
LB2 PARTNERS
Tel 415.845.7500

Gensler

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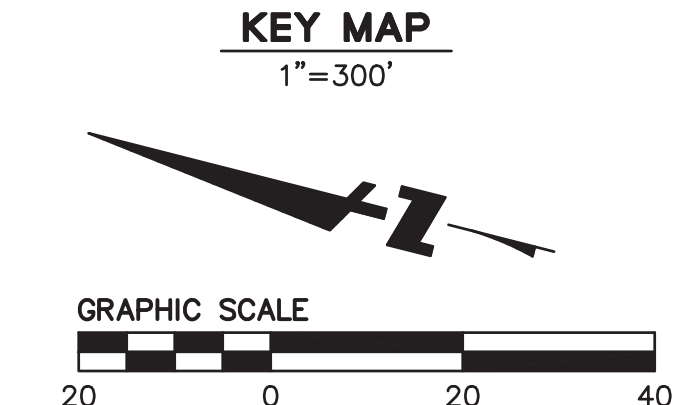
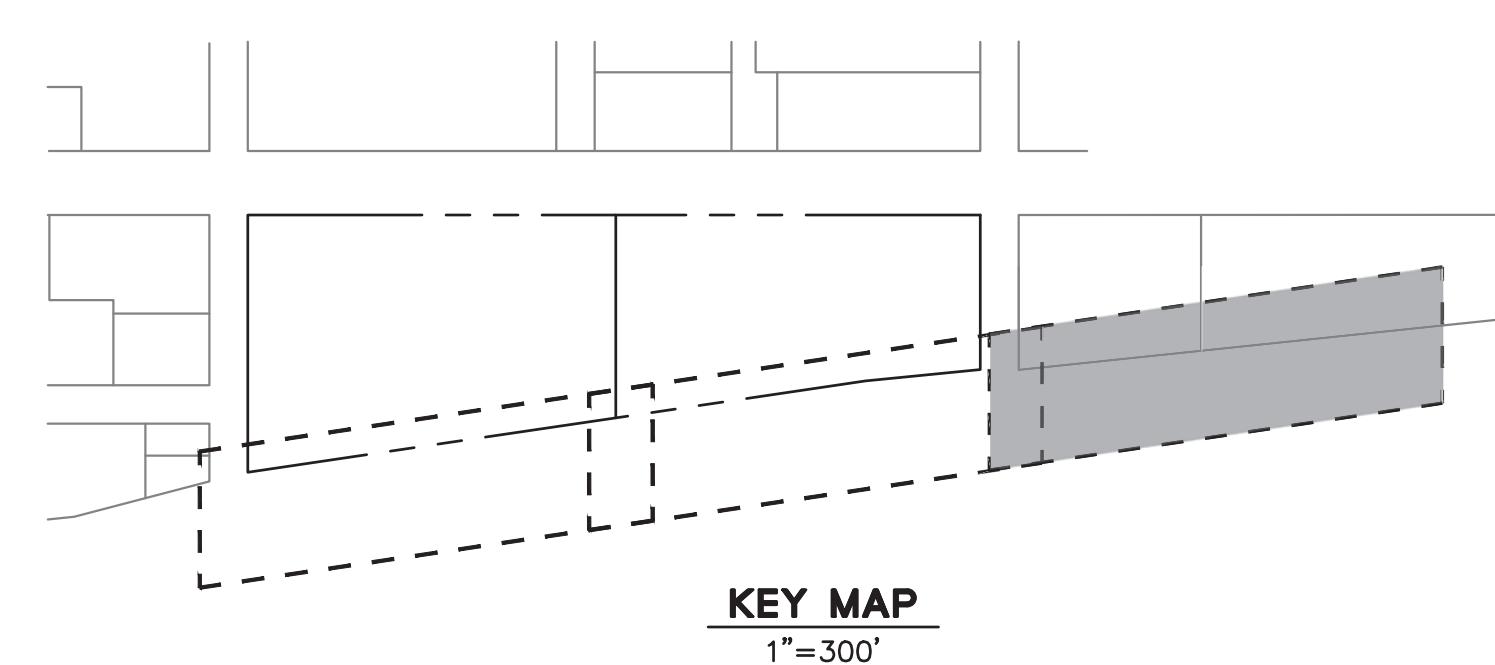
255 Shoreline Drive
Suite 200
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Tel 650.482.6300



Date	Description
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05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION



Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
EXISTING CONDITIONS

Scale
1" = 20'

C2.1

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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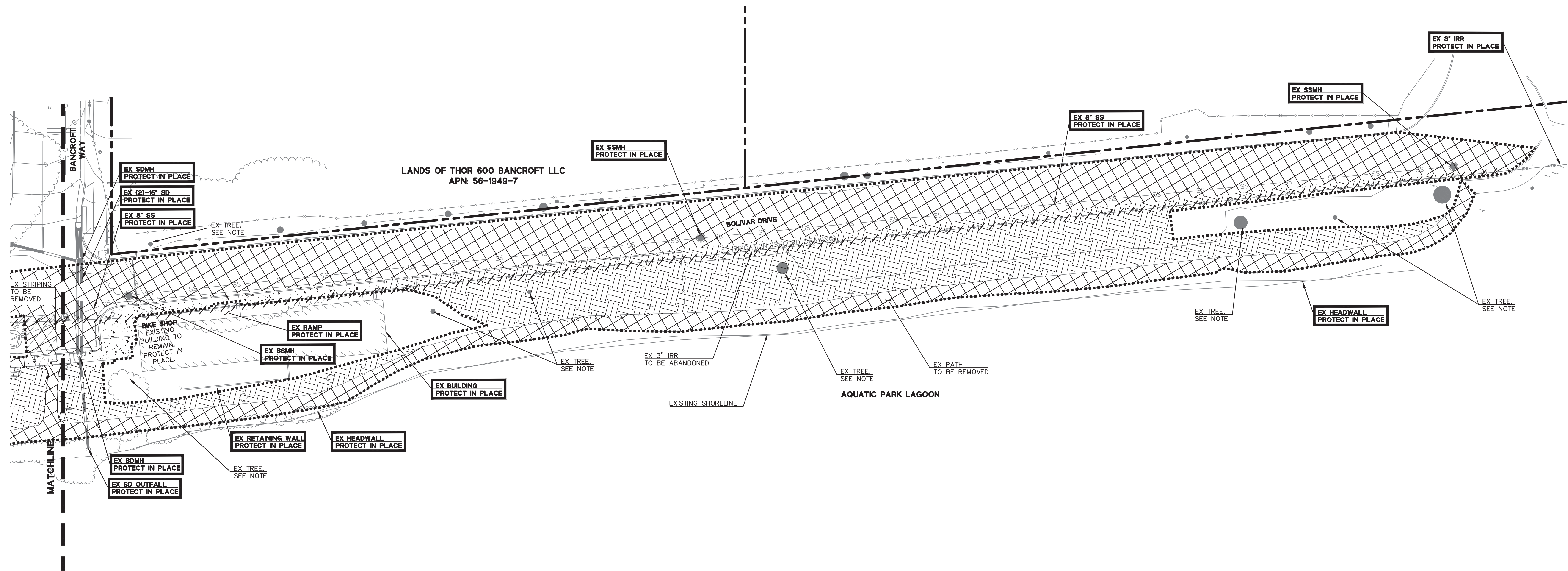
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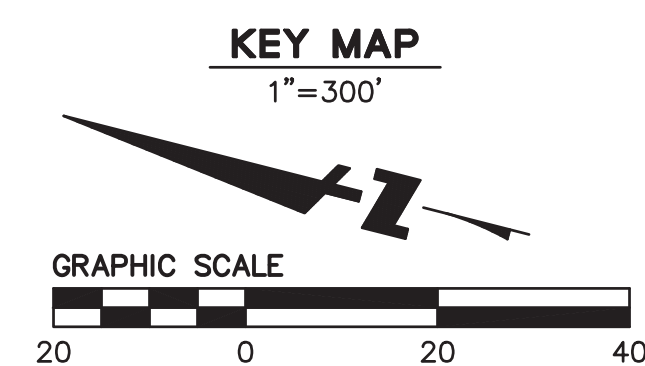
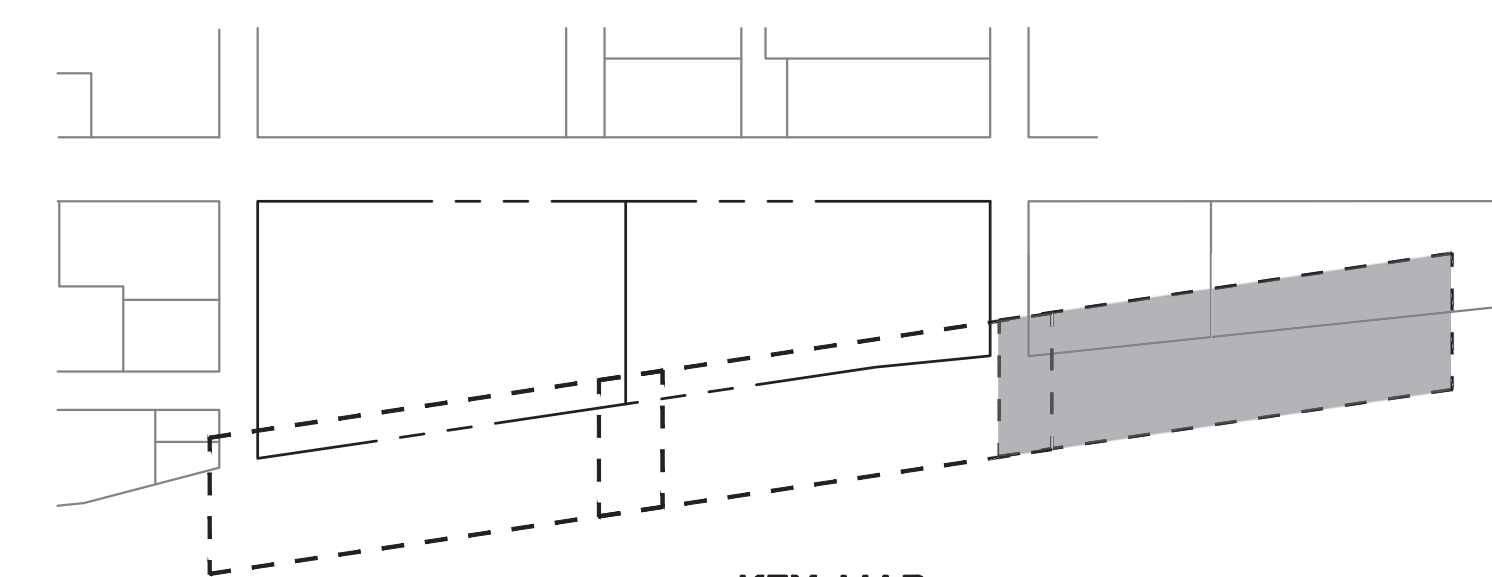


NOTE:
IT IS ASSUMED THE CITY OF BERKELEY WILL HANDLE THE DEMOLITION OF EXISTING TREES ALONG THE ROW BETWEEN BOLIVAR DRIVE AND THE 600 BANCROFT PROPERTY.

NOTE:
REFER TO LANDSCAPE PLANS FOR TREE REMOVAL, PROTECTION, AND RELOCATION.

LEGEND:

	DEMO SD LINE
	DEMO ELECTRIC LINE
	DEMO IRRIGATION LINE
	AC TO BE REMOVED
	CONCRETE TO BE REMOVED
	LANDSCAPE TO BE REMOVED
	STRUCTURE TO BE REMOVED
	LIMIT OF DEMOLITION/SAWCUT



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
DEMOLITION PLAN

Scale
1" = 20'

C3.1

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

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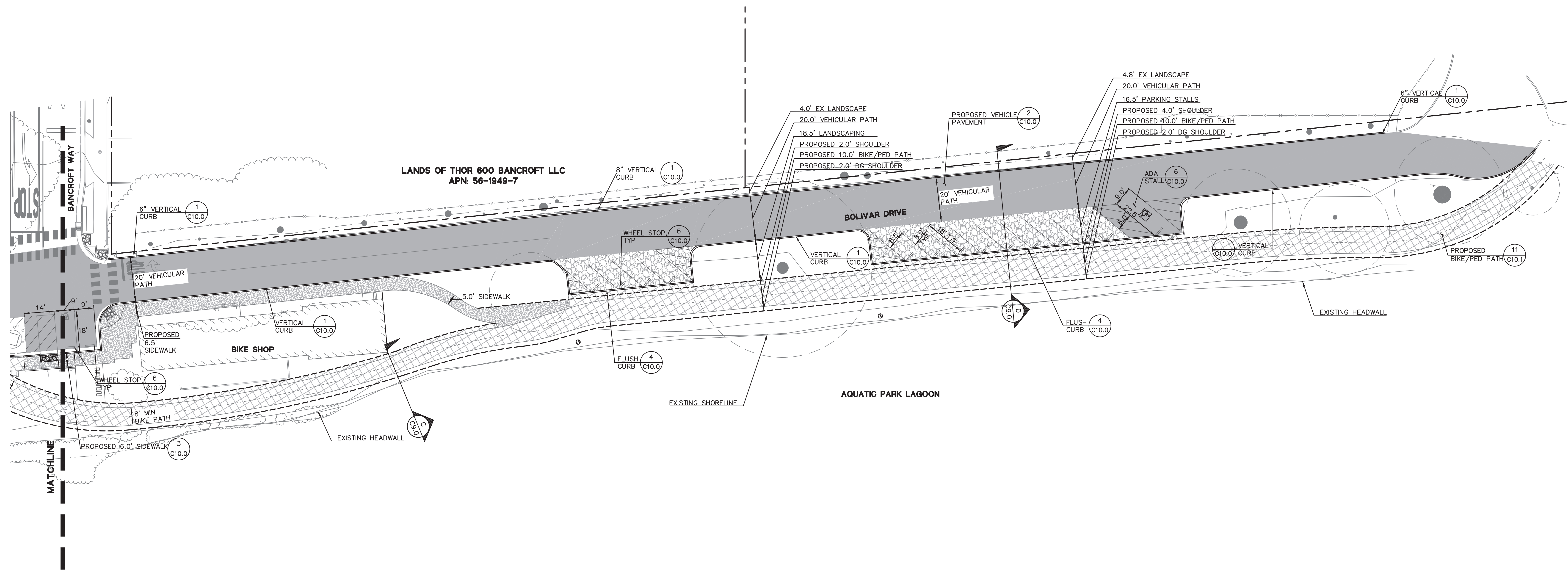
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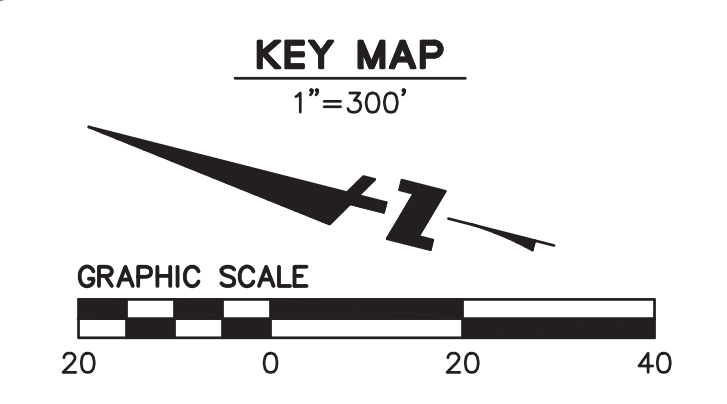
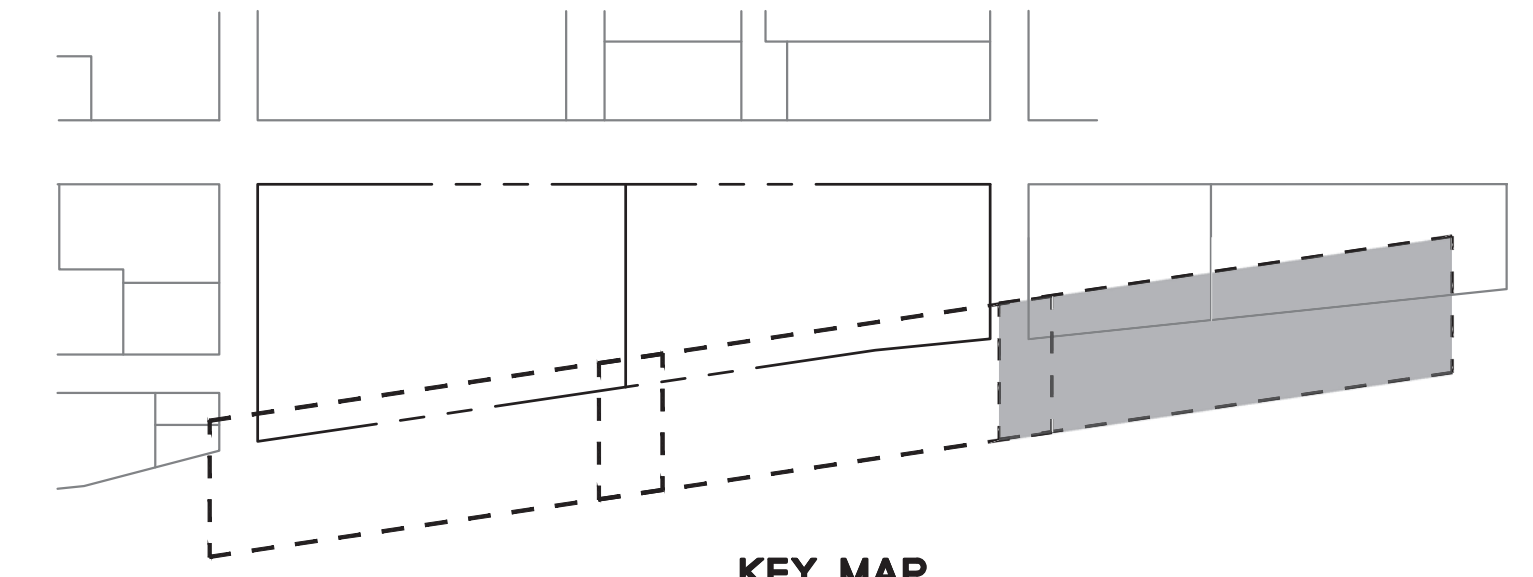
255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

Tel 650.482.6300



LEGEND:

	ARMADILLO
	BOLLARD
	TRUEGRID (10 C10.0)
	PROPOSED VEHICULAR PAVEMENT (2 C10.0)
	PROPOSED BIKE/PED PATH (11 C10.1)
	PROPOSED SIDEWALK (3 C10.0)



Date	Description
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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
SITE PLAN

Scale
1" = 20'

C4.1

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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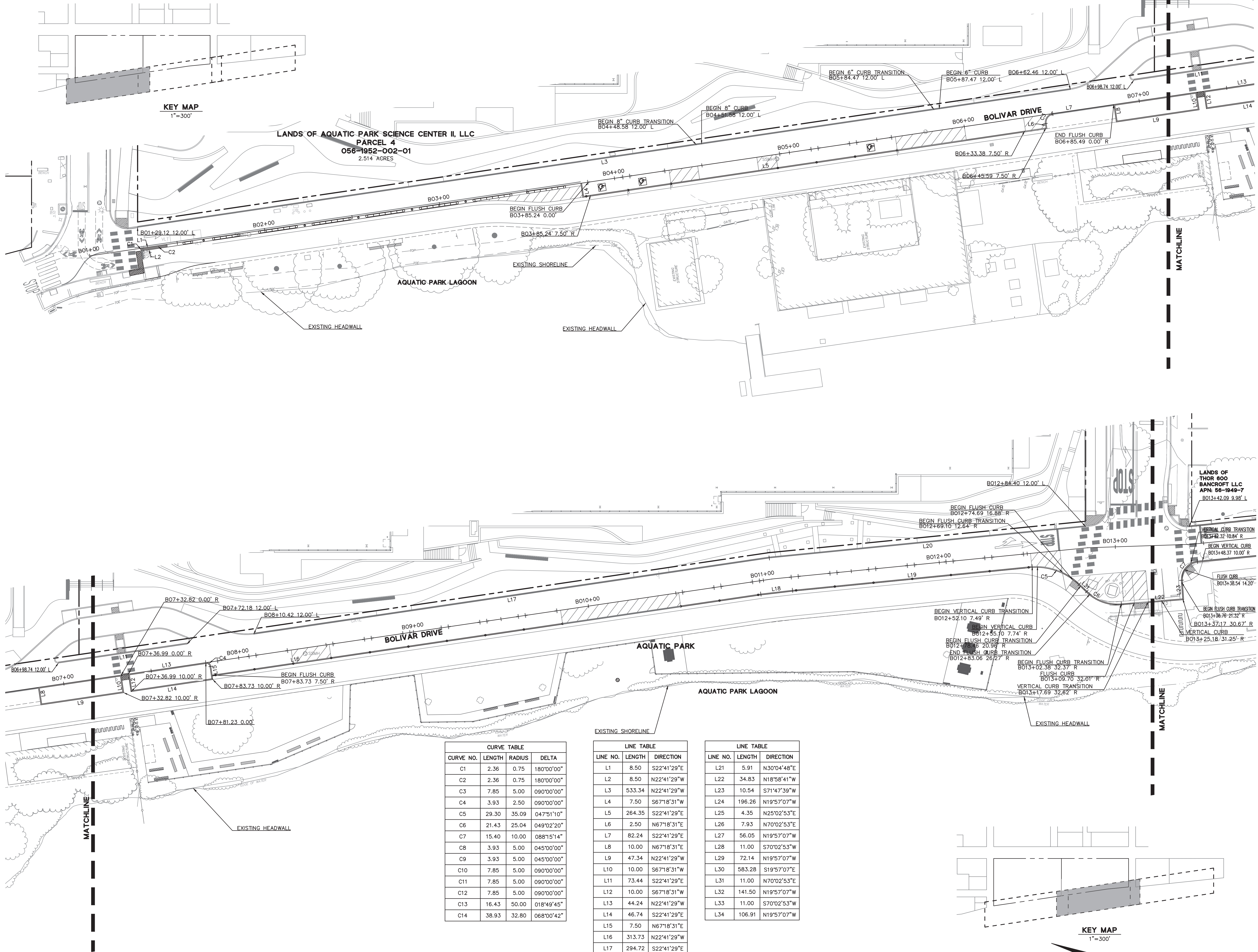
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255 Shoreline Drive
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KEY MAP
1"=300'

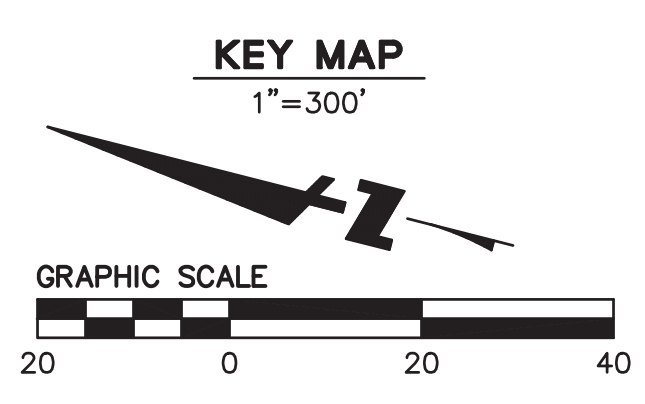
MATCHLINE

MATCHLINE

CURVE NO.	LENGTH	RADIUS	DELTA
C1	2.36	0.75	180°00'00"
C2	2.36	0.75	180°00'00"
C3	7.85	5.00	090°00'00"
C4	3.93	2.50	090°00'00"
C5	29.30	35.09	047°51'10"
C6	21.43	25.04	049°02'20"
C7	15.40	10.00	088°15'14"
C8	3.93	5.00	045°00'00"
C9	3.93	5.00	045°00'00"
C10	7.85	5.00	090°00'00"
C11	7.85	5.00	090°00'00"
C12	7.85	5.00	090°00'00"
C13	16.43	50.00	018°49'45"
C14	38.93	32.80	068°00'42"

LINE NO.	LENGTH	DIRECTION
L1	8.50	S22°41'29"E
L2	8.50	N22°41'29"W
L3	533.34	N22°41'29"W
L4	7.50	S67°18'31"W
L5	264.35	S22°41'29"E
L6	2.50	N67°18'31"E
L7	82.24	S22°41'29"E
L8	10.00	N67°18'31"E
L9	47.34	N22°41'29"W
L10	10.00	S67°18'31"W
L11	73.44	S22°41'29"E
L12	10.00	S67°18'31"W
L13	44.24	N22°41'29"W
L14	46.74	S22°41'29"E
L15	7.50	N67°18'31"E
L16	313.73	N22°41'29"W
L17	294.72	S22°41'29"E
L18	18.04	N21°02'34"W
L19	136.24	N19°56'38"W
L20	179.84	S19°56'38"E

LINE NO.	LENGTH	DIRECTION
L21	5.91	N30°04'48"E
L22	34.83	N18°58'41"W
L23	10.54	S71°47'39"W
L24	196.26	N19°57'07"W
L25	4.35	N25°02'53"E
L26	7.93	N70°02'53"E
L27	56.05	N19°57'07"W
L28	11.00	S70°02'53"W
L29	72.14	N19°57'07"W
L30	583.28	S19°57'07"E
L31	11.00	N70°02'53"E
L32	141.50	N19°57'07"W
L33	11.00	S70°02'53"W
L34	106.91	N19°57'07"W



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

LANDS OF THOR 600 BANCROFT LLC APN: 56-1849-7



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
HORIZONTAL CONTROL PLAN

Scale
1" = 20'

C4.2

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

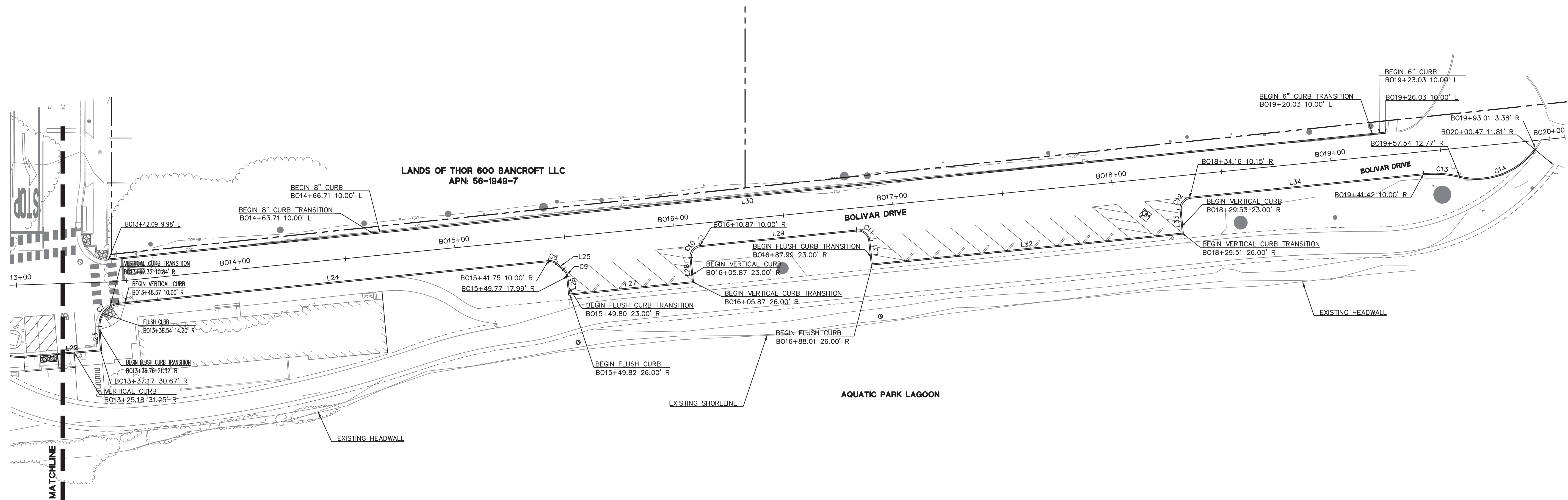
L&E PARTNERS
Tel 415.845.7500

Gensler

2101 Webster Street
Suite 2000
Oakland, CA 94612
United States
Tel 510.625.7400
Fax 510.625.7499



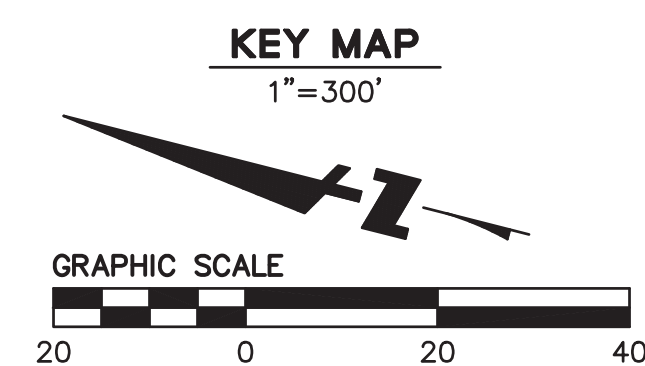
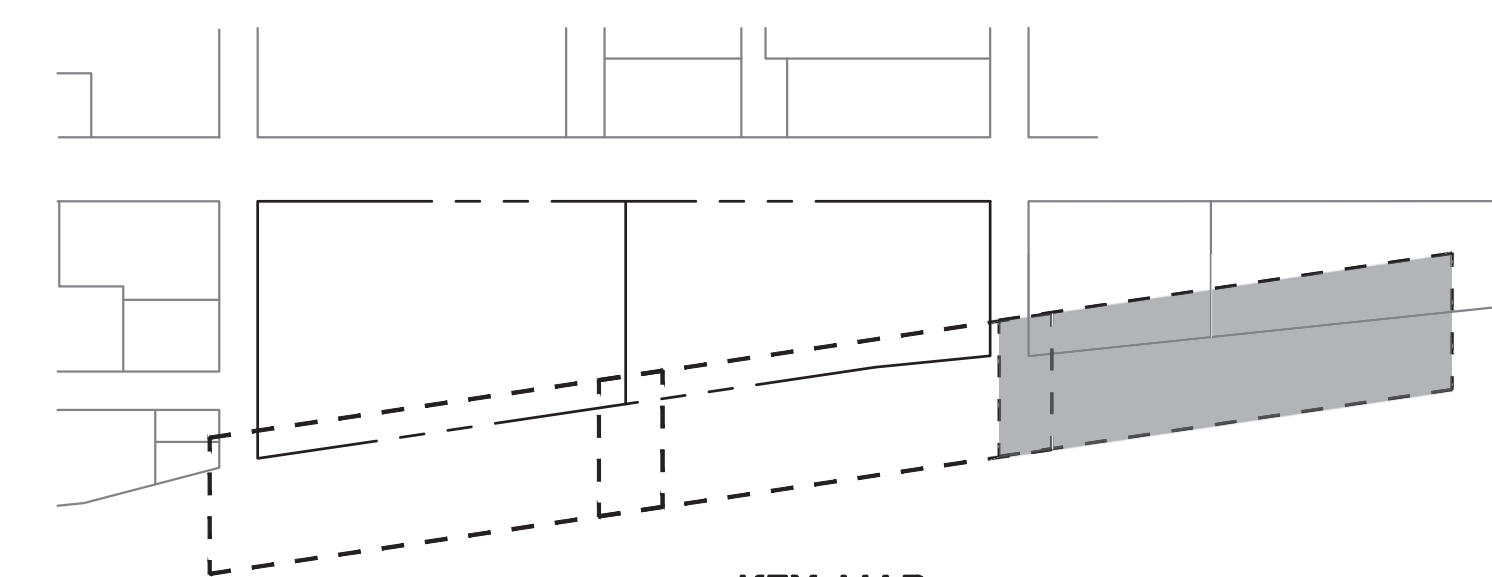
255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States
Tel 650.482.6300



CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	2.36	0.75	180°00'00"
C2	2.36	0.75	180°00'00"
C3	7.85	5.00	090°00'00"
C4	3.93	2.50	090°00'00"
C5	29.30	35.09	047°51'10"
C6	21.43	25.04	049°02'20"
C7	15.40	10.00	088°15'14"
C8	3.93	5.00	045°00'00"
C9	3.93	5.00	045°00'00"
C10	7.85	5.00	090°00'00"
C11	7.85	5.00	090°00'00"
C12	7.85	5.00	090°00'00"
C13	16.43	50.00	018°49'45"
C14	38.93	32.80	068°00'42"

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	8.50	S22°41'29"E
L2	8.50	N22°41'29"W
L3	533.34	N22°41'29"W
L4	7.50	S67°18'31"W
L5	264.35	S22°41'29"E
L6	2.50	N67°18'31"E
L7	82.24	S22°41'29"E
L8	10.00	N67°18'31"E
L9	47.34	N22°41'29"W
L10	10.00	S67°18'31"W
L11	73.44	S22°41'29"E
L12	10.00	S67°18'31"W
L13	44.24	N22°41'29"W
L14	46.74	S22°41'29"E
L15	7.50	N67°18'31"E
L16	313.73	N22°41'29"W
L17	294.72	S22°41'29"E
L18	18.04	N21°02'34"W
L19	136.24	N19°56'38"W
L20	179.84	S19°56'38"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L21	5.91	N30°04'48"E
L22	34.83	N18°58'41"W
L23	10.54	S71°47'39"W
L24	196.26	N19°57'07"W
L25	4.35	N25°02'53"E
L26	7.93	N70°02'53"E
L27	56.05	N19°57'07"W
L28	11.00	S70°02'53"W
L29	72.14	N19°57'07"W
L30	583.28	S19°57'07"E
L31	11.00	N70°02'53"E
L32	141.50	N19°57'07"W
L33	11.00	S70°02'53"W
L34	106.91	N19°57'07"W



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
HORIZONTAL CONTROL PLAN

Scale
1" = 20'

C4.3

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

LB2 PARTNERS
Tel 415.845.7500
Fax 510.625.7499

Gensler

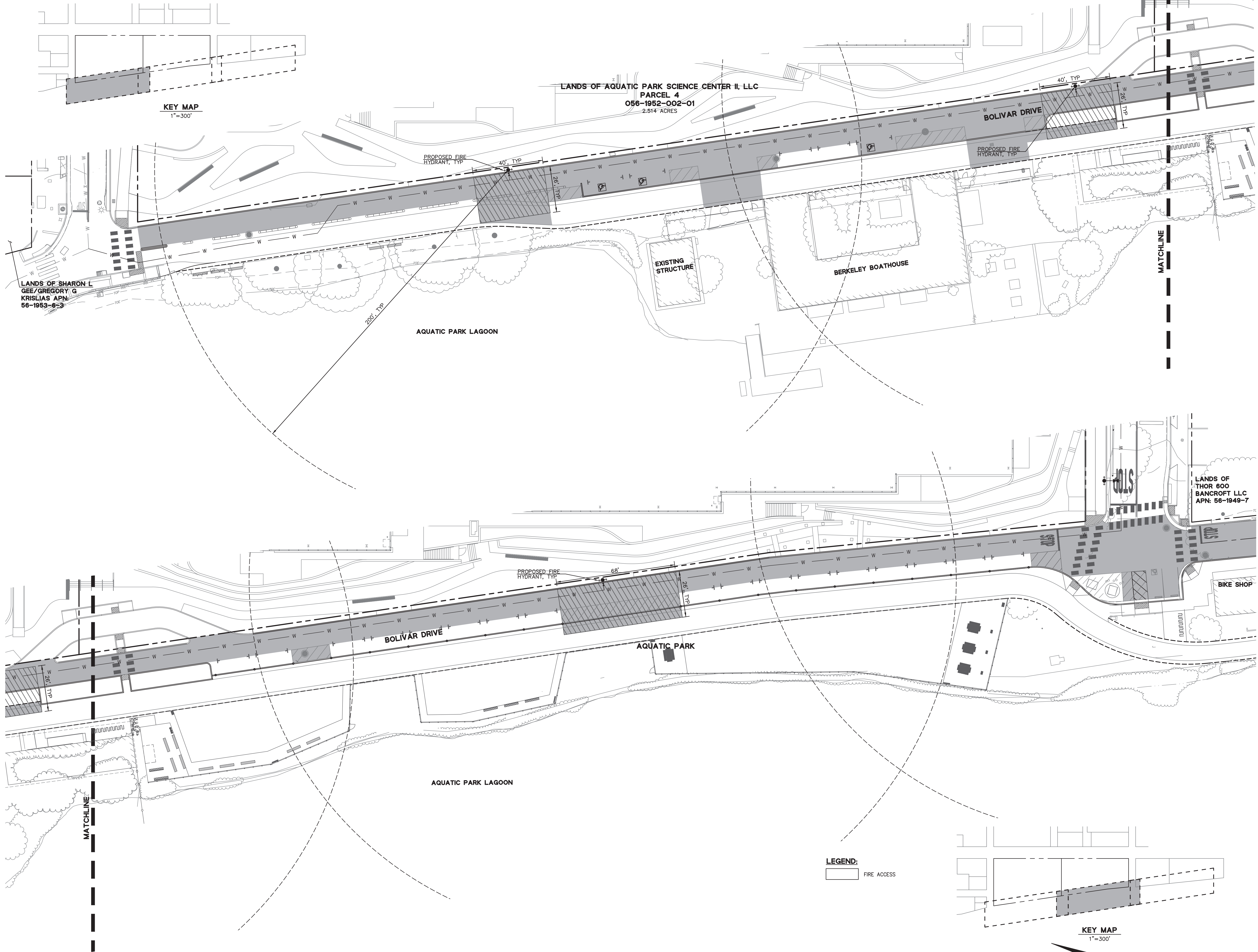
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499



255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

Tel 650.482.6300



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

LANDS OF
THOR 600
BANCROFT LLC
APN: 56-1949-7

BIKE SHOP



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
FIRE ACCESS EXHIBIT

Scale
1" = 20'

C4.4

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

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644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
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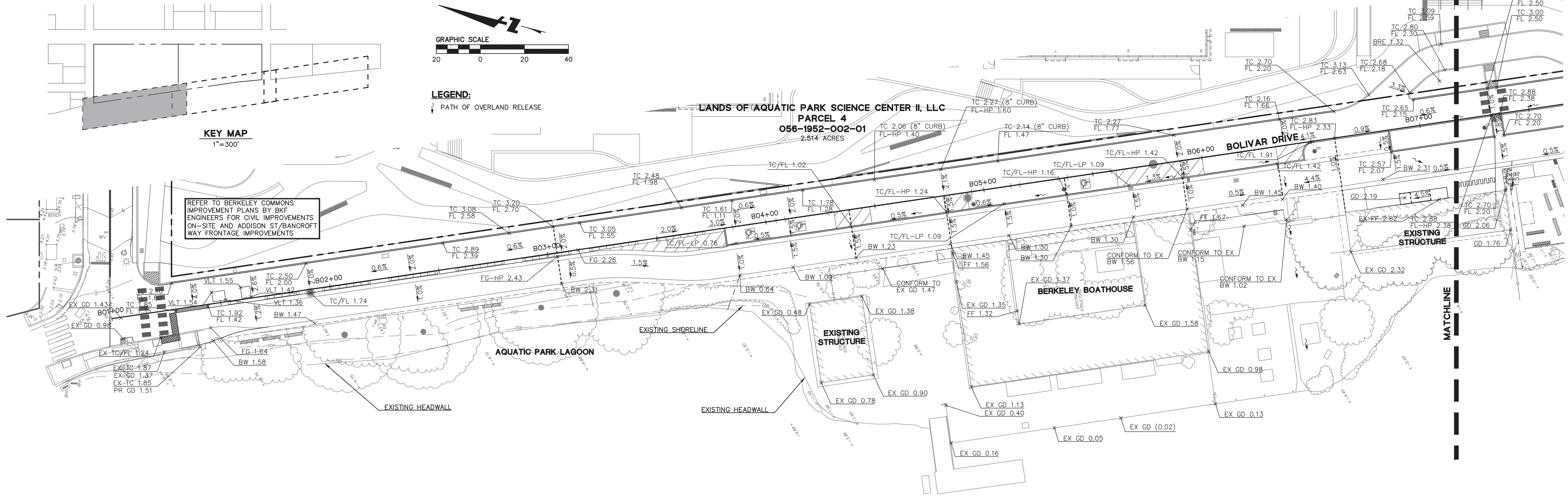
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

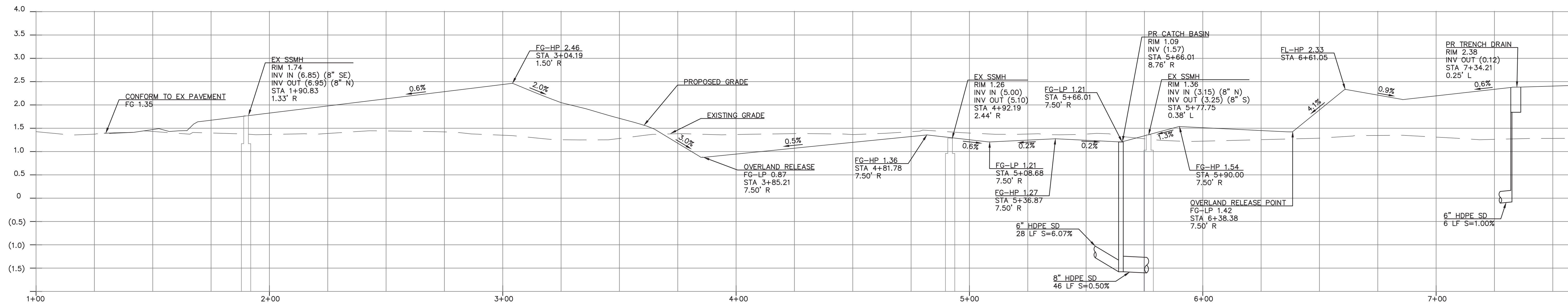


255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

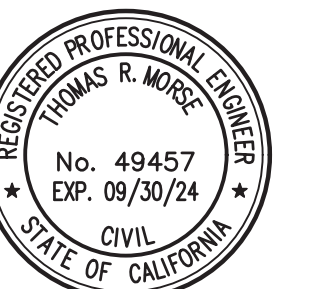
Tel 650.482.6300



NOTE:
ALL GRADING SHOWN IN PROFILE ARE TAKEN ALONG THE ALIGNMENT AND HAVE NO OFFSET



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
GRADING PLAN & PROFILE

Scale
1" = 20'

C5.0

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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644 Menlo Avenue, 2nd Floor
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Tel 650.838.0100

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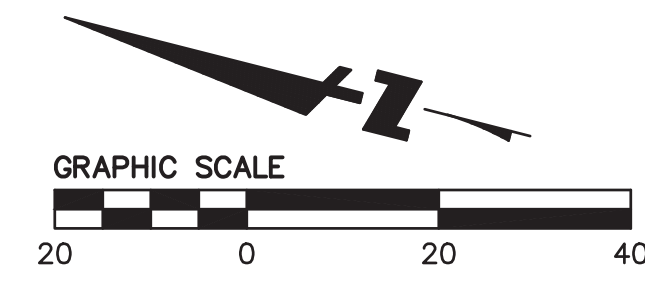
2101 Webster Street
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Oakland, CA 94612
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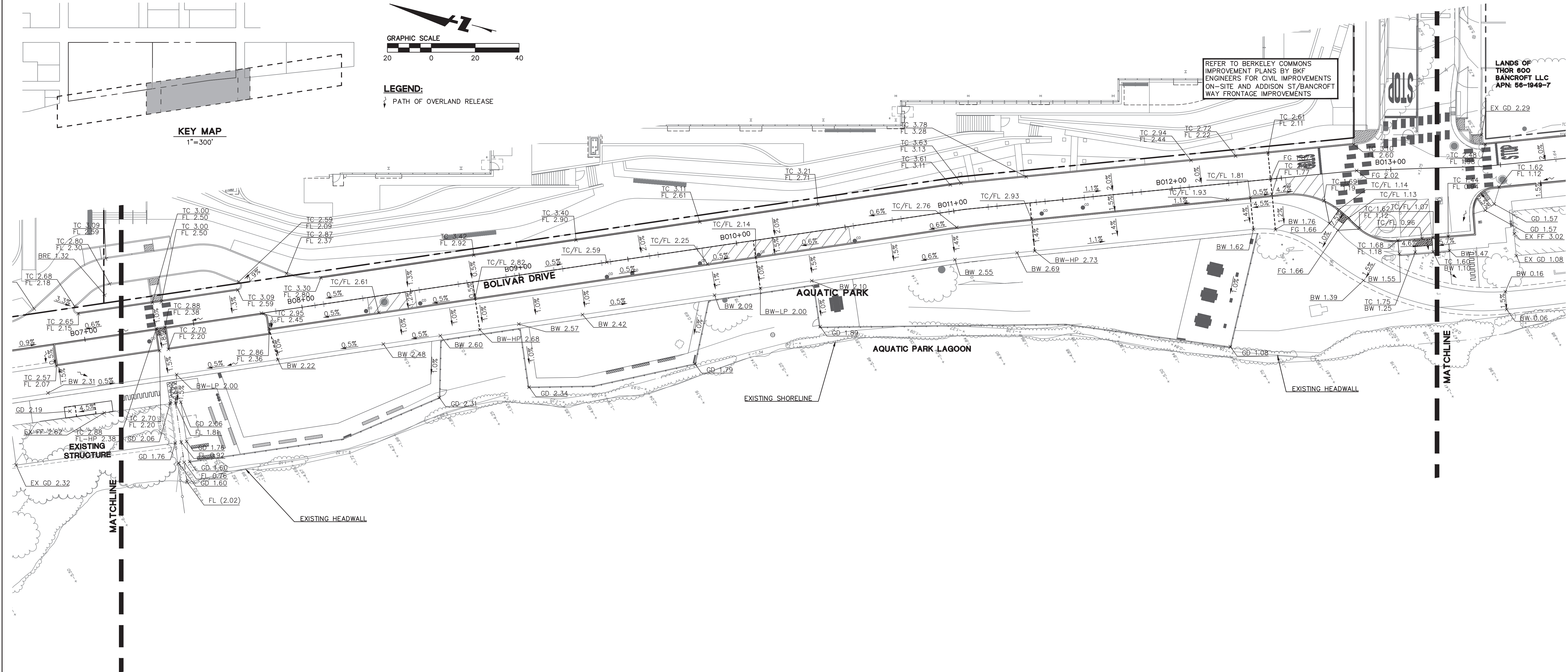
255 Shoreline Drive
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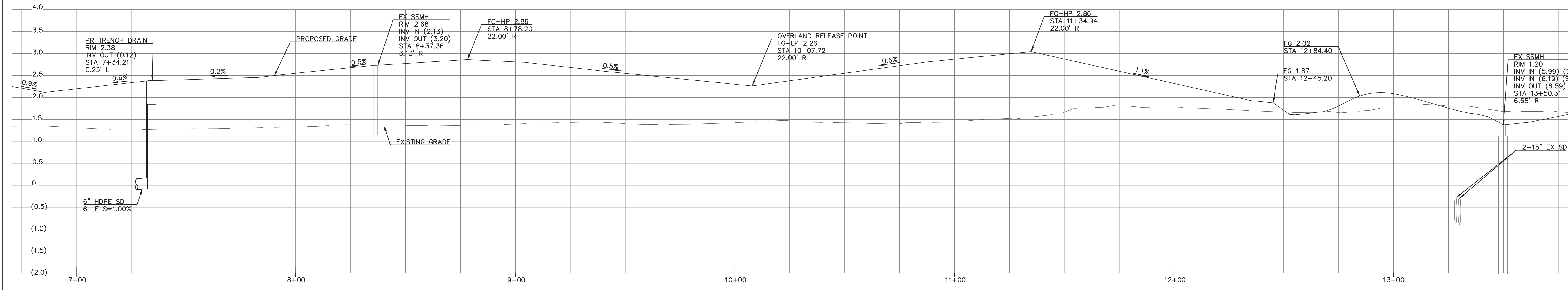


LEGEND:
↓ PATH OF OVERLAND RELEASE

KEY MAP
1"=300'



NOTE:
ALL GRADING SHOWN IN PROFILE ARE TAKEN ALONG THE ALIGNMENT AND HAVE NO OFFSET



PROFILE
1"=20' HORIZONTAL
1"=2' VERTICAL

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05.01.2023	100% SUBMISSION



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Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
GRADING PLAN & PROFILE

Scale
1" = 20'

C5.1

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC 644 Menlo Avenue, 2nd Floor Oakland, CA 94612 Tel 850.838.0100
 LB2 PARTNERS 415.845.7500 Menlo Park, CA 94025 Tel 415.845.7500

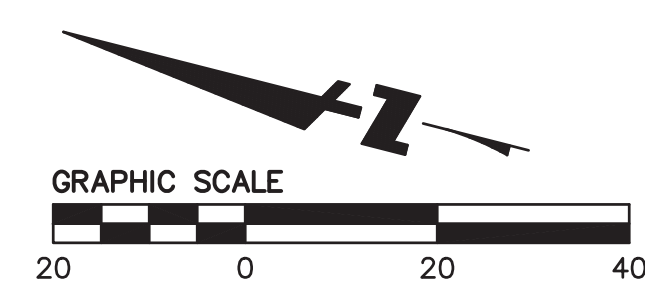
Gensler

2101 Webster Street Suite 200 Oakland, CA 94612 United States
 Tel 510.625.7400 Fax 510.625.7499

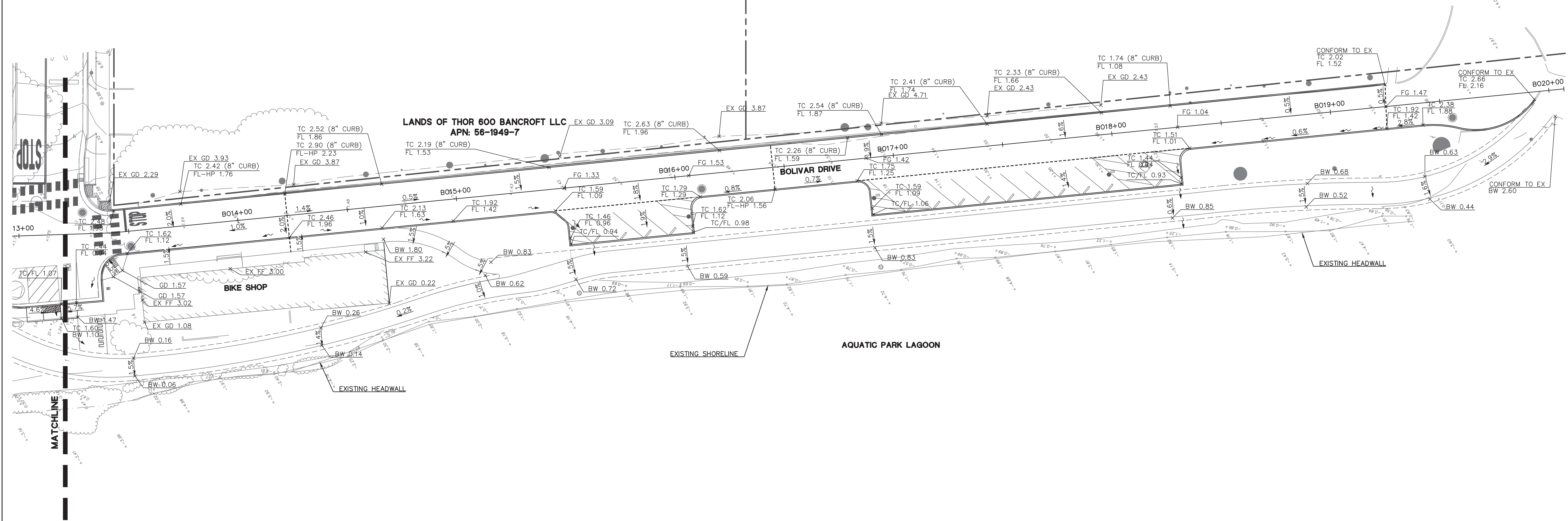


255 Shoreline Drive Suite 200 Redwood City, CA 94065 United States
 Tel 650.482.6300

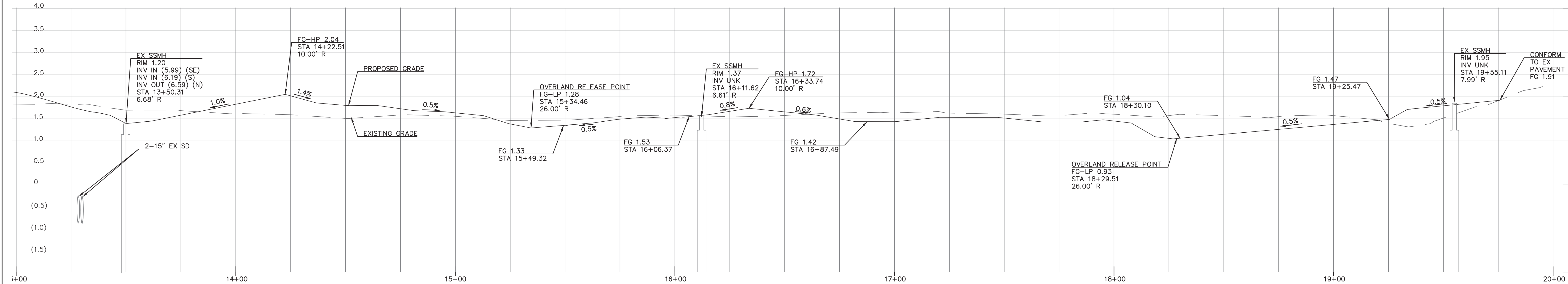
LEGEND:
 ↓ PATH OF OVERLAND RELEASE



KEY MAP
 1"=300'



NOTE:
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PROFILE
 1"=20' HORIZONTAL
 1"=2' VERTICAL

Date	Description
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10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



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Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
GRADING PLAN & PROFILE

Scale
1" = 20'

C5.2

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
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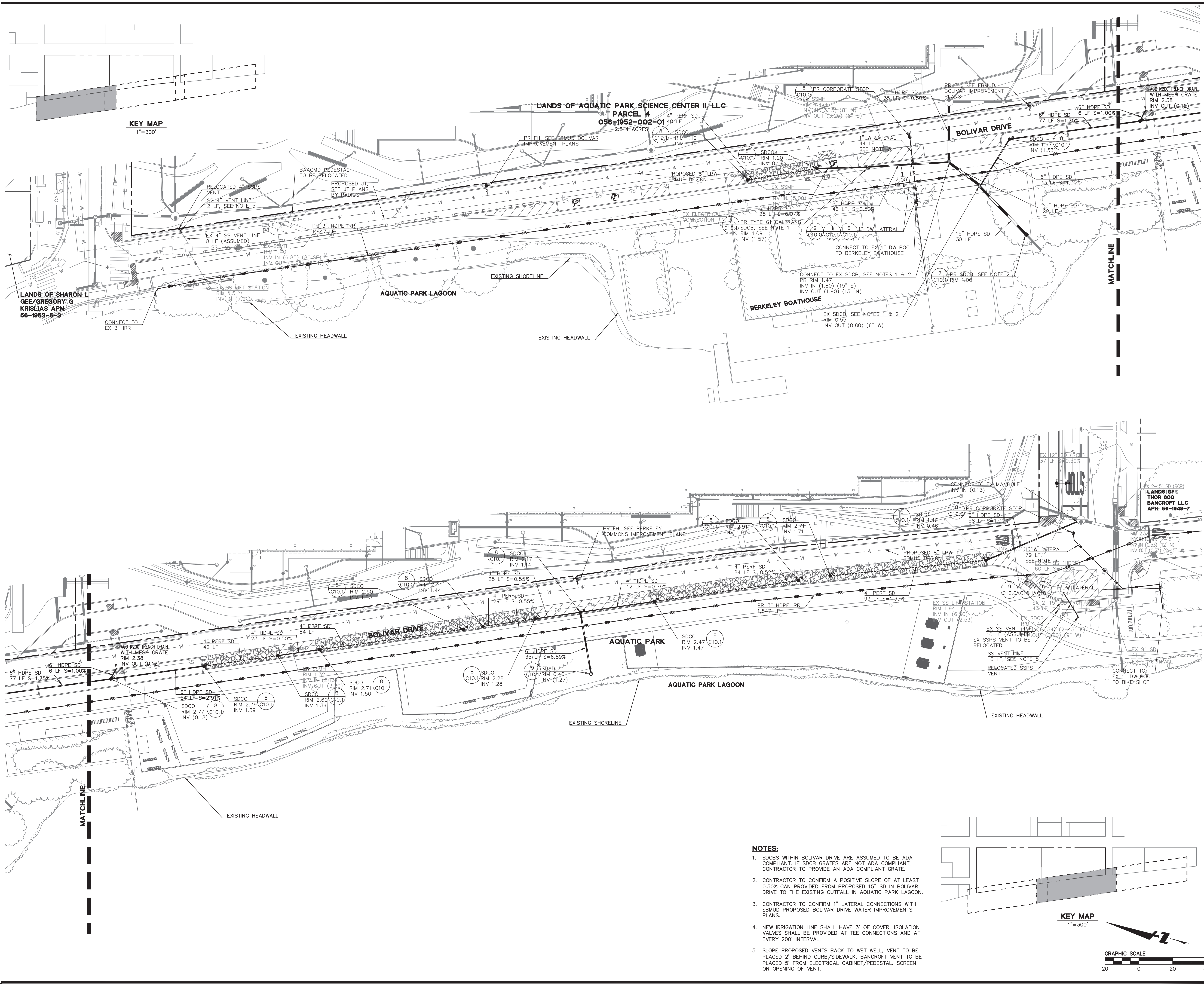
2101 Webster Street
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Oakland, CA 94612
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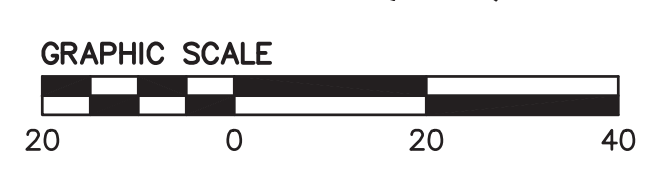
255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

Tel 650.482.6300



KEY MAP
1"=300'

KEY MAP
1"=300'



- NOTES:**
- SDCBS WITHIN BOLIVAR DRIVE ARE ASSUMED TO BE ADA COMPLIANT. IF SDCB GRATES ARE NOT ADA COMPLIANT, CONTRACTOR TO PROVIDE AN ADA COMPLIANT GRATE.
 - CONTRACTOR TO CONFIRM A POSITIVE SLOPE OF AT LEAST 0.50% CAN PROVIDED FROM PROPOSED 15" SD IN BOLIVAR DRIVE TO THE EXISTING OUTFALL IN AQUATIC PARK LAGOON.
 - CONTRACTOR TO CONFIRM 1" LATERAL CONNECTIONS WITH EBUD PROPOSED BOLIVAR DRIVE WATER IMPROVEMENTS PLANS.
 - NEW IRRIGATION LINE SHALL HAVE 3' OF COVER. ISOLATION VALVES SHALL BE PROVIDED AT TEE CONNECTIONS AND AT EVERY 200' INTERVAL.
 - SLOPE PROPOSED VENTS BACK TO WET WELL, VENT TO BE PLACED 2' BEHIND CURB/SIDEWALK, BANCROFT VENT TO BE PLACED 5' FROM ELECTRICAL CABINET/PEDESTAL. SCREEN ON OPENING OF VENT.

Date	Description
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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
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Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
UTILITY PLAN

Scale
1" = 20'

C6.0

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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644 Menlo Avenue, 2nd Floor
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LB2 PARTNERS
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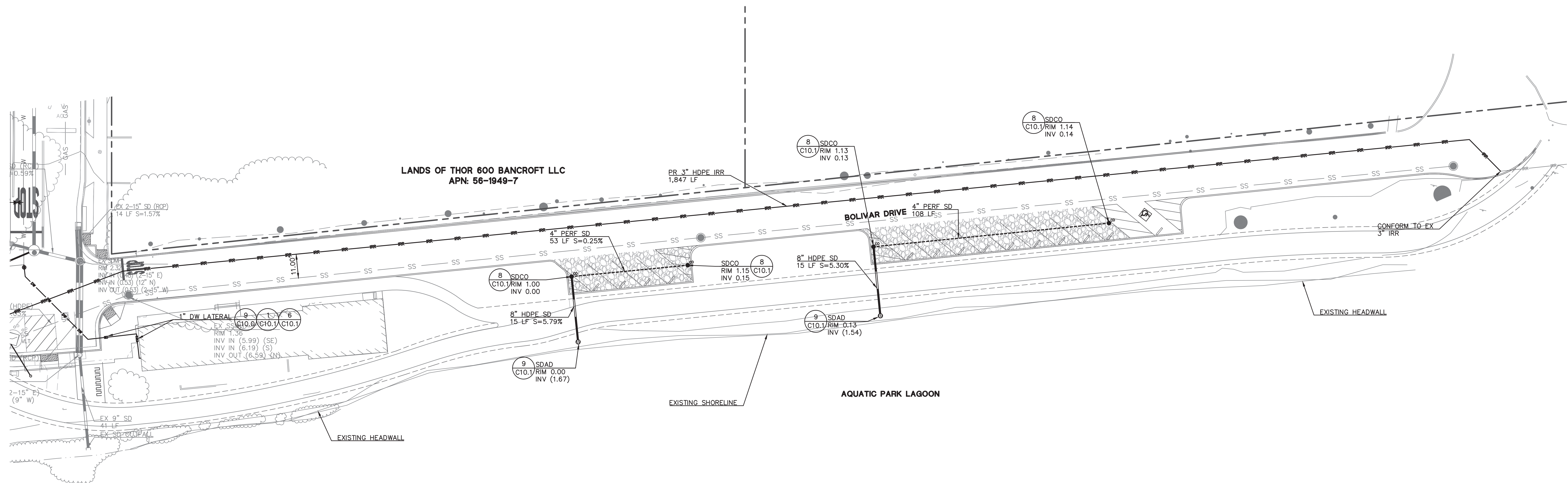
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

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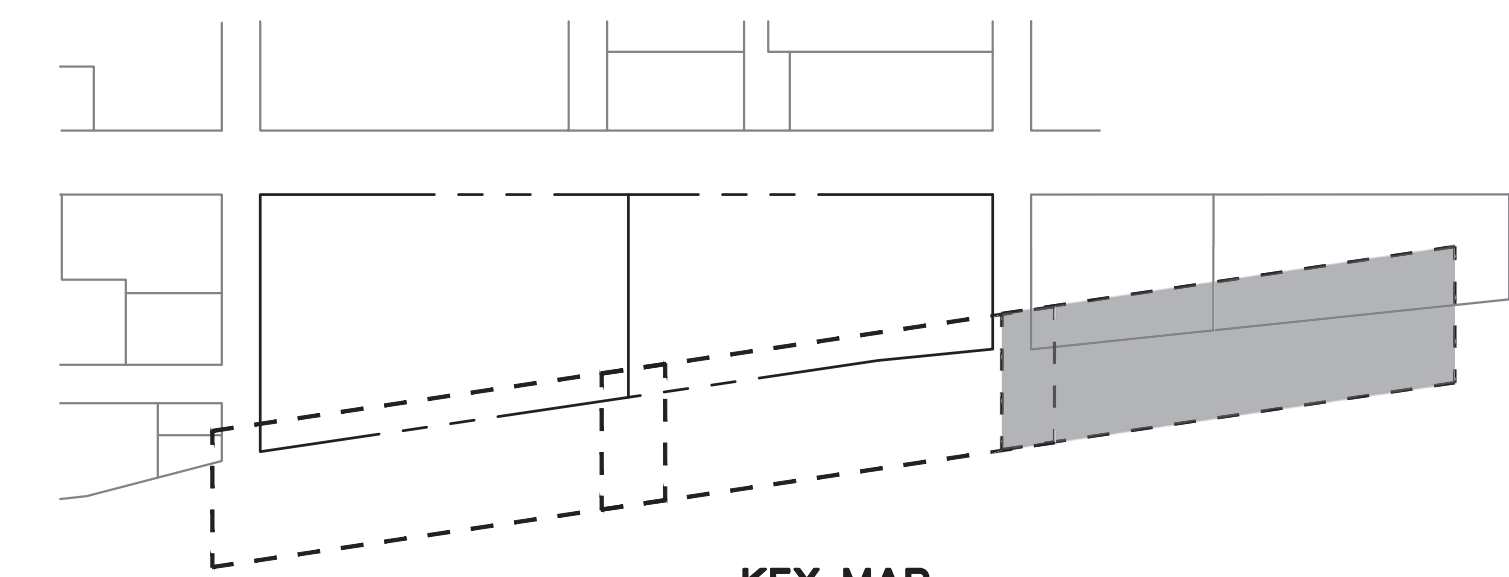
255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

Tel 650.482.6300

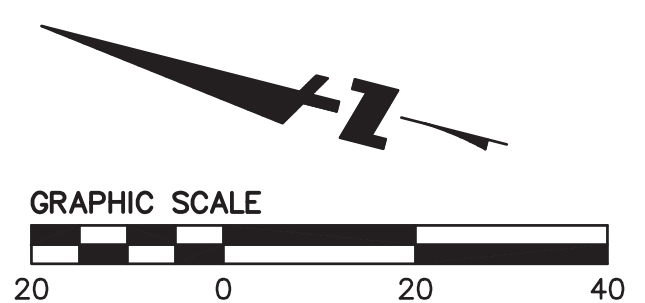


Date	Description
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10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

NOTE:
NEW IRRIGATION LINE SHALL HAVE 3' OF COVER.
ISOLATION VALVES SHALL BE PROVIDED AT TEE
CONNECTIONS AND AT EVERY 200' INTERVAL.



KEY MAP
1" = 300'



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
UTILITY PLAN

Scale
1" = 20'

C6.1

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
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LB2 PARTNERS
Tel 415.845.7500

Gensler

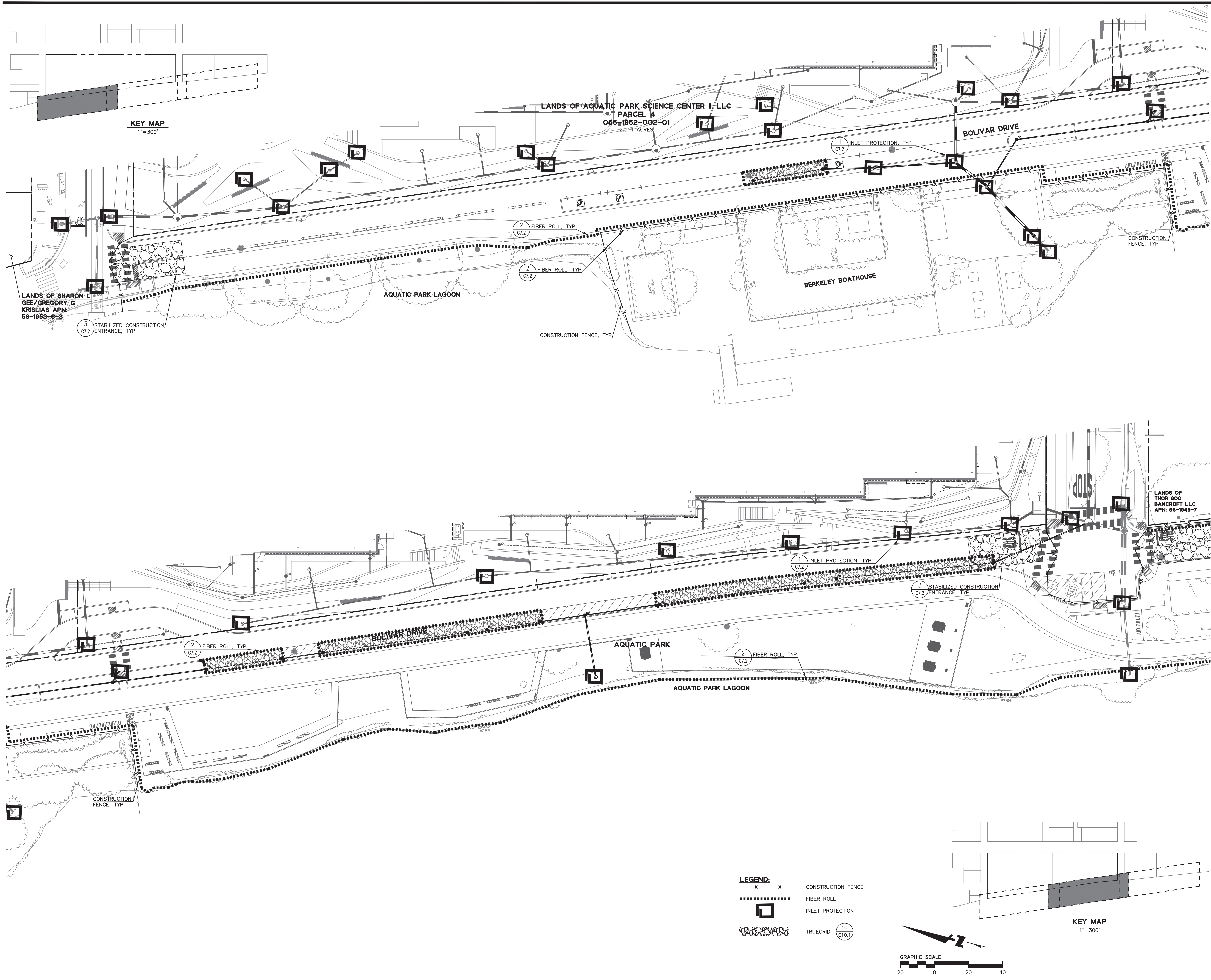
2101 Webster Street
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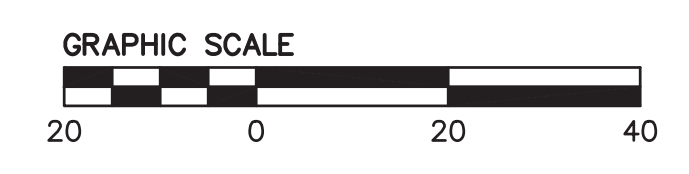
Tel 650.482.6300



KEY MAP
1"=300'

KEY MAP
1"=300'

- LEGEND:**
- CONSTRUCTION FENCE
 - FIBER ROLL
 - INLET PROTECTION
 - TRUEGRID



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
EROSION CONTROL PLAN

Scale
1" = 20'

C7.0

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.836.0100

LB2 PARTNERS
Tel 415.845.7500

Gensler

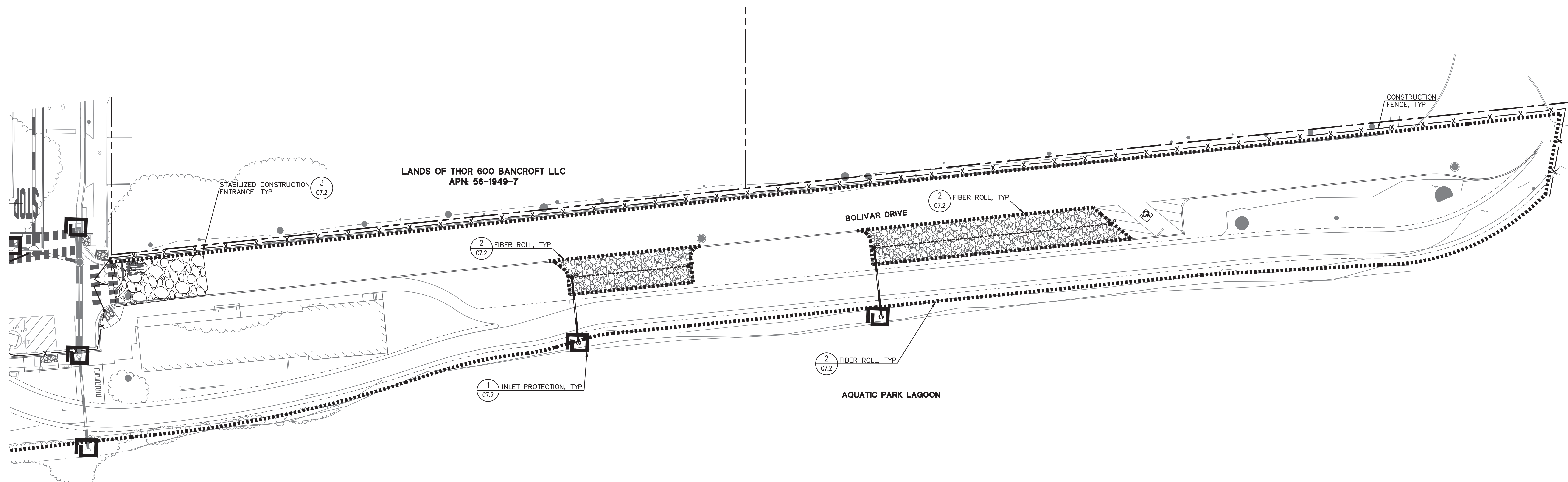
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

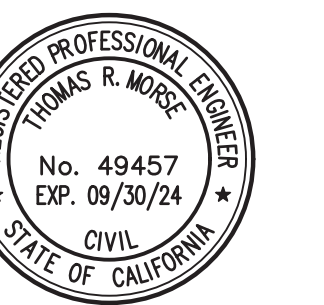


255 Shoreline Drive
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Redwood City, CA 94065
United States

Tel 650.482.6300



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05.01.2023	100% SUBMISSION



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Project Name
BERKELEY COMMONS

Project Number
33.4462.000

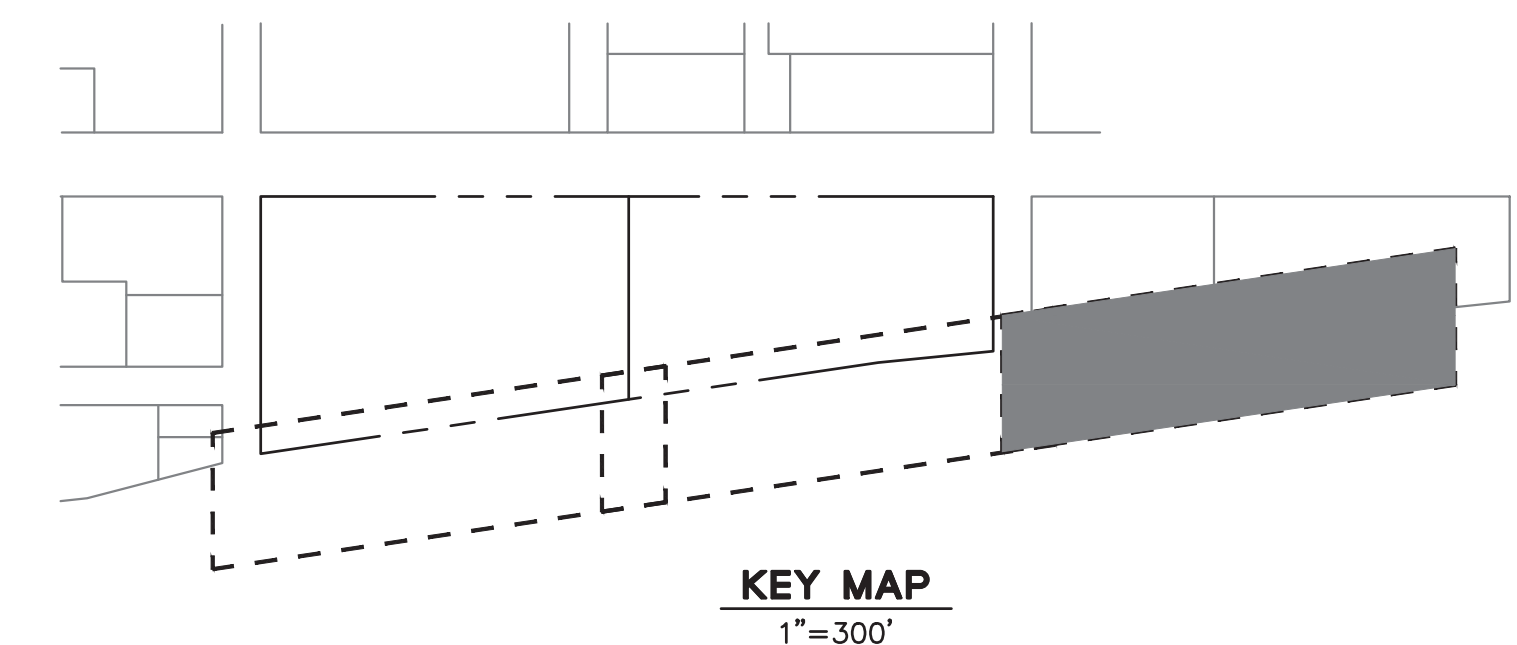
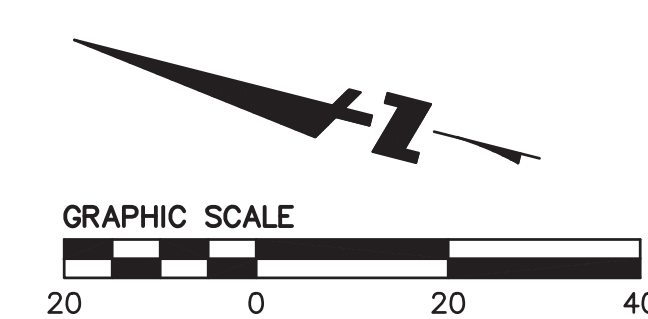
Description
EROSION CONTROL PLAN

Scale
1" = 20'

C7.1

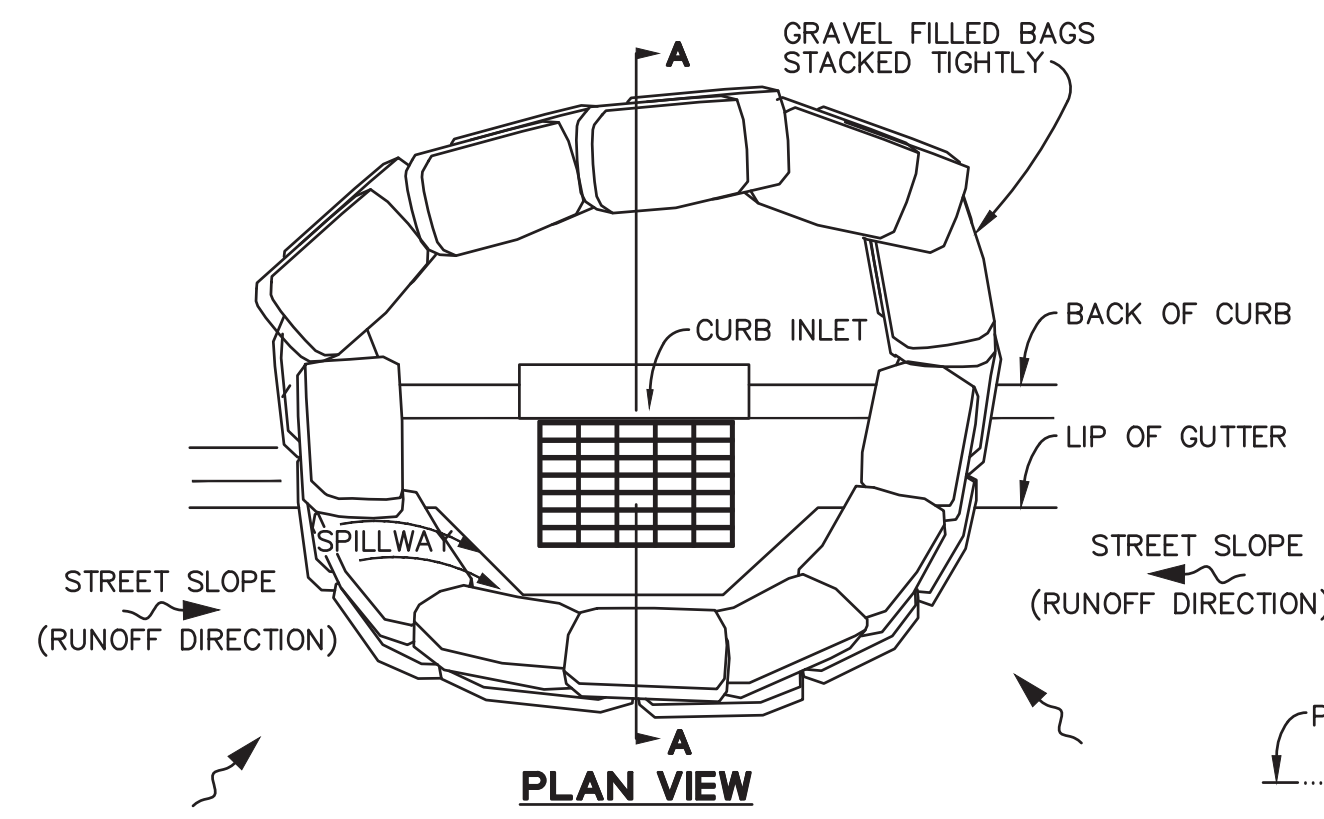
LEGEND:

	CONSTRUCTION FENCE
	FIBER ROLL
	INLET PROTECTION
	TRUEGRID (10 C10.1)

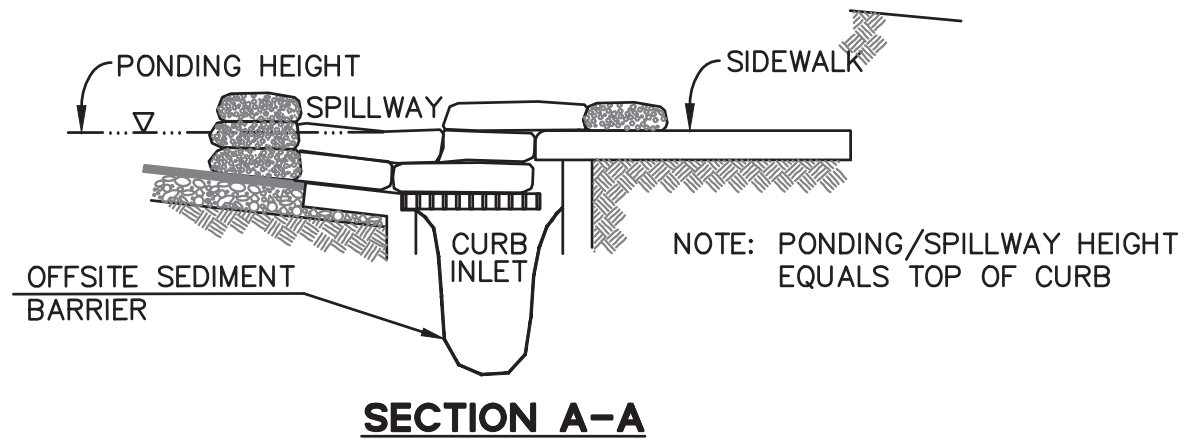


EROSION & SEDIMENT CONTROL NOTES

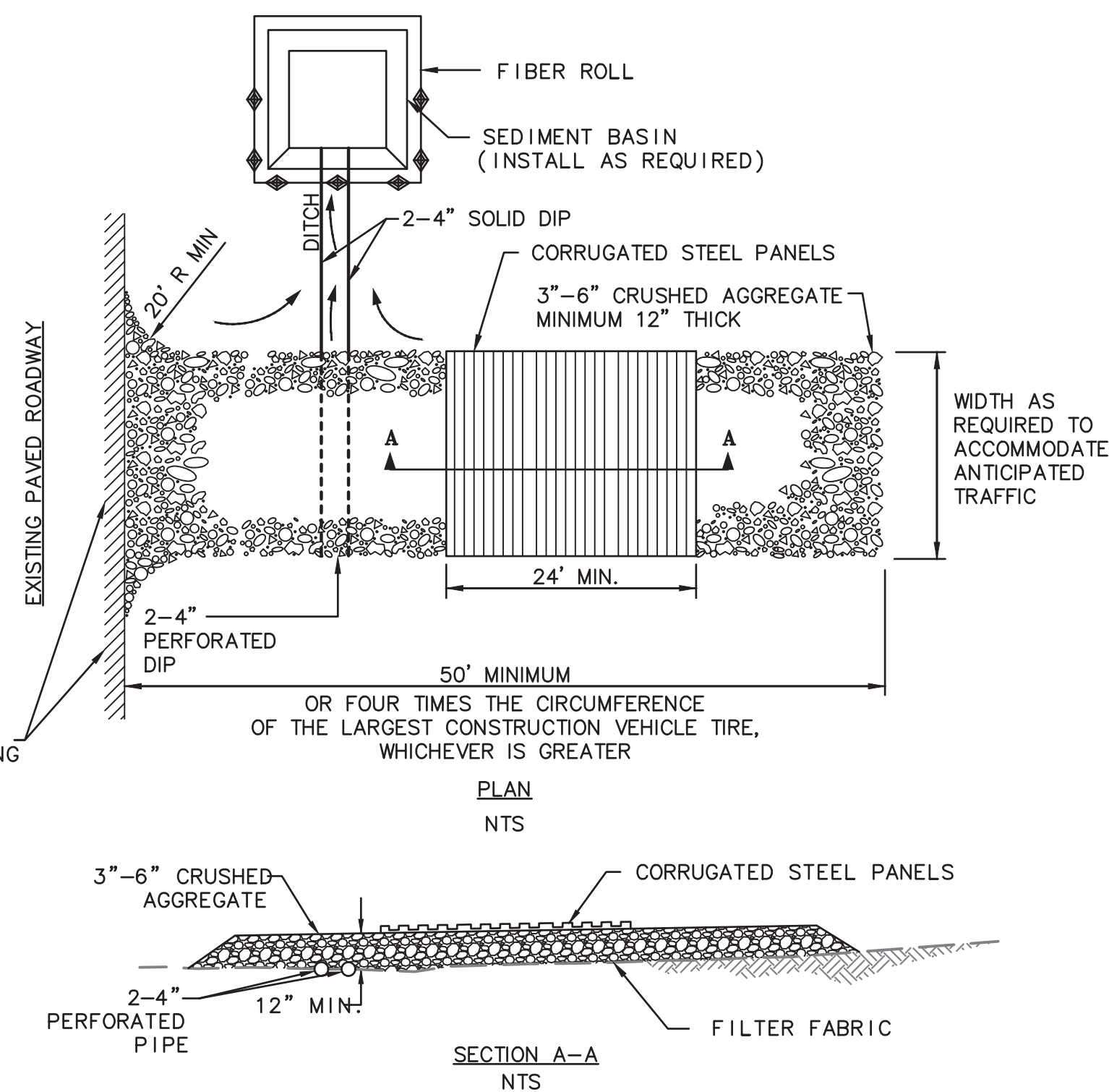
- ALL WORK WILL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
- THE CONTRACTOR WILL IMPLEMENT APPLICABLE CONSTRUCTION EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S) THROUGHOUT THE PHASES OF CONSTRUCTION OF THE PROJECT SITE. THE CONTRACTOR WILL BE AWARE THAT THE EROSION CONTROL MEASURES AND LAYOUT IDENTIFIED ON THIS PLAN SHEET ASSUMES THAT THE STREET HAS BEEN GRADED TO SUBGRADE AND PROPOSED STORM DRAINAGE STRUCTURES AND PIPE HAVE BEEN INSTALLED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE REVISIONS AND/OR UPDATES TO THE EROSION PLAN IN ACCORDANCE WITH THE DIFFERENT STAGES OF GRADING OPERATIONS DURING THE RAINY SEASON (OCTOBER 1 TO APRIL 15) AS REQUIRED BY THE CITY PUBLIC WORKS ENGINEER AND STATE REGULATORS.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING SEDIMENT-LADEN STORM RUNOFF FROM LEAVING THE SITE. CATCH BASIN INSERTS, GRAVEL BAGS, FIBER ROLLS, EARTHEN DIKES, EROSION CONTROL MATS/FABRICS AND FILTER PUMPS WILL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. EXISTING, TEMPORARY, OR PERMANENT CATCH BASINS WILL USE SEDIMENT BARRIERS.
- THE NAME, ADDRESS AND 24 HOUR TELEPHONE NUMBER OF THE QUALIFIED SWPPP PRACTITIONER RESPONSIBLE FOR IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROL PLAN WILL BE PROVIDED TO THE CITY PUBLIC WORKS DEPARTMENT AND REPORTED ON THE STORMWATER MULTI-APPLICATION, REPORTING, AND TRACKING SYSTEM (SMARTS) WEBSITE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGES TO PUBLIC AND/OR PRIVATELY OWNED AND MAINTAINED ROADS CAUSED BY THE CONTRACTOR'S GRADING ACTIVITIES, AND WILL BE RESPONSIBLE FOR THE CLEANUP OF MATERIAL SPILLED ON PUBLIC ROAD ON THE HAUL ROUTE. ADJACENT PUBLIC AND/OR PRIVATE ROADS WILL BE CLEANED AT THE END OF THE WORK DAY.
- DURING THE RAINY SEASON, ALL PAVED AREAS ARE TO BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE IS TO BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LADEN RUNOFF TO ANY STORM DRAIN SYSTEM.
- ALL EROSION CONTROL FACILITIES MUST BE MONITORED. ALL SLOPES WILL BE REPAIRED AS SOON AS POSSIBLE WHEN DAMAGED.
- ALL TRUCK TIRES WILL BE CLEANED PRIOR TO EXITING THE PROPERTY.
- STOCKPILED MATERIAL
 - EXCAVATED SOILS SHOULD NOT BE PLACED IN STREETS OR ON PAVED AREAS.
 - ANY EXCAVATED SOILS SHOULD BE REMOVED FROM THE SITE BY THE END OF THE DAY, UNLESS STOCKPILING IS NECESSARY.
 - SURROUND ALL STOCKPILES WITH PERIMETER SILT FENCES, FIBER ROLLS, APPROPRIATELY SIZED SECONDARY CONTAINMENT, OR OTHER RUNOFF CONTROLS.
 - STABILIZE INACTIVE STOCKPILES WITH SOIL STABILIZER AND/OR MULCH, OR COVER WITH A TARPULIN.
 - COVER STOCKPILES OF CRUSHED AC OR PCC PAVEMENT WITH A TARPULIN OR PROVIDE CASE-SPECIFIC DESIGNED SECONDARY CONTAINMENT AND CONTAINMENT AND SURROUND WITH APPROPRIATE RUNOFF CONTROLS.
 - USE INLET PROTECTION FOR STORM DRAIN STRUCTURES ADJACENT TO THE MATERIAL.
 - THOROUGHLY SWEEP ALL PAVED AREAS EXPOSED TO SOIL EXCAVATION PLACEMENT.
- DURING CONSTRUCTION, THE MAINTENANCE OF SUMMERTIME DRAINAGE THROUGH THE SITE IS THE RESPONSIBILITY OF THE CONTRACTOR.
- AS SOON AS IS PRACTICAL AFTER THE NEW ONSITE STORM SYSTEM IS INSTALLED, THE CATCH BASINS WILL BE INSTALLED. EROSION CONTROL DEVICES WILL BE IN OR AROUND THOSE CATCH BASINS AS SHOWN ON THE APPROVED EROSION CONTROL PLAN. CONTRACTOR IS RESPONSIBLE FOR PREVENTING GRAVEL AND DIRT FROM ENTERING THE STORM DRAIN SYSTEM AND WILL REMOVE DEBRIS IN THE STORM DRAIN LINES.
- EROSION CONTROL MEASURES WILL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION CONTROL PLAN WILL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE CITY PUBLIC WORKS ENGINEER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT TEMPORARY BORROW AREAS AND/OR STOCKPILES WITH THE APPROPRIATE EROSION CONTROL MEASURES SATISFACTORY TO THE CITY PUBLIC WORKS ENGINEER.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DURING GRADING OPERATION, BEFORE APRIL 15 AND PRIOR TO INSTALLATION OF STORM DRAINAGE SYSTEM. SUCH ADDITIONAL MEASURES WILL BE CONTINGENT UPON THE STAGE OF GRADING OPERATION. CONTRACTOR WILL IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED BY THE ENGINEER OR CITY PUBLIC WORKS ENGINEER.
- THE SURFACE OF CUT SLOPES MORE THAN 4 FEET IN HEIGHT AND FILL SLOPES MORE THAN 3 FEET IN HEIGHT WILL BE PROTECTED AGAINST EROSION BY PLANTING WITH GRASS OR GROUNDCOVER PLANTS.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING LIMITS OF WORK AS SHOWN ON THE IMPROVEMENT PLANS. SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- ERODED SEDIMENTS AND OTHER POLLUTANTS WILL BE RETAINED ON-SITE AND ARE PROHIBITED FROM BEING TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
- CONSTRUCTION PROJECTS SHALL BE CONDUCTED IN A MANNER WHICH PREVENTS THE RELEASE OF HAZARDOUS MATERIALS, HAZARDOUS WASTE, POLLUTED WATER AND SEDIMENTS TO THE STORM DRAIN SYSTEM. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- REMOVE SILT AND DISPOSE OF SO AS NOT TO CAUSE SILTATION PROBLEMS.
- PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE EROSION CONTROL BARRIER.
- EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, DEVICES SHOWN ON THE EROSION CONTROL PLAN SHALL BE IN PLACE AT THE END OF EACH WORK DAY AND EROSION CONTROL FACILITIES MUST BE INSPECTED AT THE END OF EACH WORKING DAY DURING THE RAINY SEASON.
- STANDBY CREWS WILL BE ALERTED BY THE PERMITEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAIN STORMS.



- NOTES:**
- PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREETS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
 - PERVIOUS BAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
 - LEAVE ONE BAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW. TOP OF SPILLWAY WILL BE LOWER THAN TOP OF CURB.
 - INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT, AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

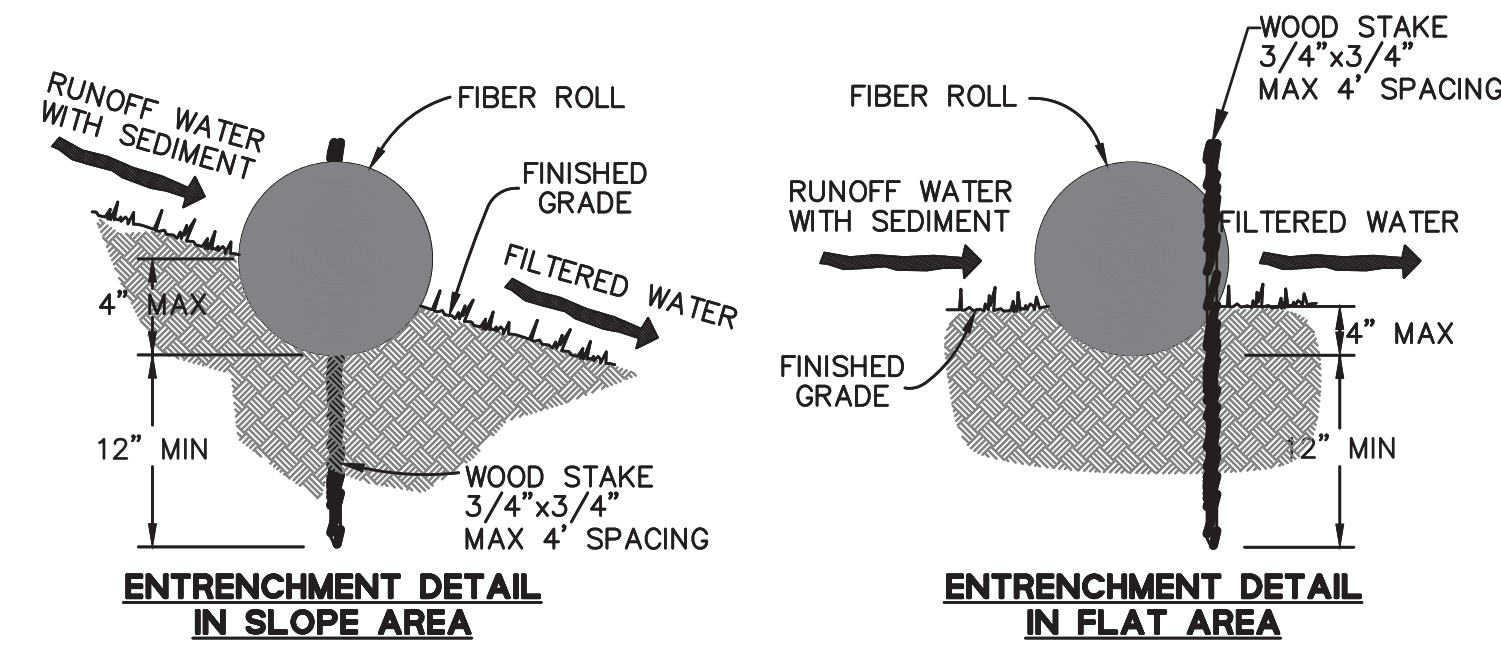


1 CURB INLET GRAVEL BAG PROTECTION
NTS



- NOTES:**
- ALL CONSTRUCTION ENTRANCES WILL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USE TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS WILL BE REMOVED IMMEDIATELY.
 - WHEELS WILL BE CLEAN PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT WILL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF INLET PROTECTION (E.G. SAND BAGS OR OTHER APPROVED METHODS).
 - THE MATERIAL FOR CONSTRUCTION OF THE PAD SHALL BE 3" TO 6" STONE.
 - THE THICKNESS OF THE PAD WILL NOT BE LESS THAN 12".
 - THE WIDTH OF THE PAD WILL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
 - THE LENGTH OF THE PAD WILL NOT BE LESS THAN 50'.

2 STABILIZED CONSTRUCTION ENTRANCE/EXIT
NTS



- NOTES:**
- FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" TO 4" DEEP, DUG ON CONTOUR.
 - ADJACENT ROLLS WILL TIGHTLY ABUT.
 - RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.

3 FIBER ROLL
NTS

DUST CONTROL NOTES

- ALL ACTIVE CONSTRUCTION AREAS WILL BE WATERED AT LEAST TWICE DAILY.
- ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS WILL BE COVERED OR WILL RETAIN AT LEAST TWO FEET OF FREEBOARD.
- ALL UNPAVED ACCESS ROADS, PARKING AREAS, AND STAGING AREAS AT THE CONSTRUCTION SITE WILL BE EITHER PAVED, WATERED THREE TIMES DAILY, OR TREATED WITH NON-TOXIC SOIL STABILIZERS.
- ALL PAVED ACCESS ROADS, PARKING AREAS, AND STAGING AREAS AT THE CONSTRUCTION SITE WILL BE SWEEPED (WITH WATER SWEEPERS) DAILY.
- IF VISIBLE SOIL MATERIAL IS CARRIED ONTO PUBLIC STREETS, THE STREET WILL BE SWEEPED (WITH WATER SWEEPERS) DAILY.

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Project Name
BERKELEY COMMONS

Project Number
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Description
EROSION CONTROL DETAILS

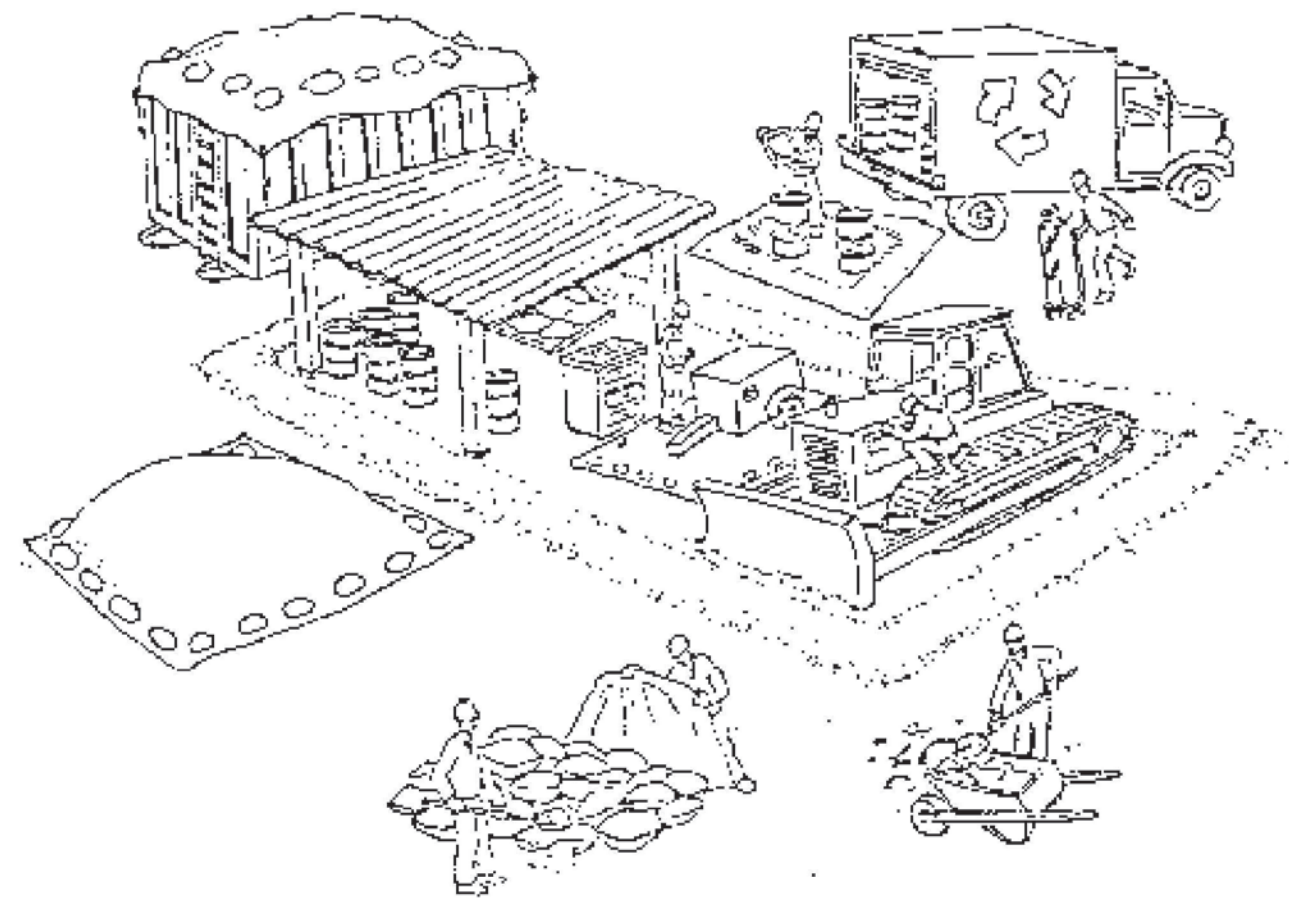
Scale
NTS

C7.2

Pollution Prevention — It's Part of the Plan

Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements.



Materials storage & spill cleanup

Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or your local emergency response number.

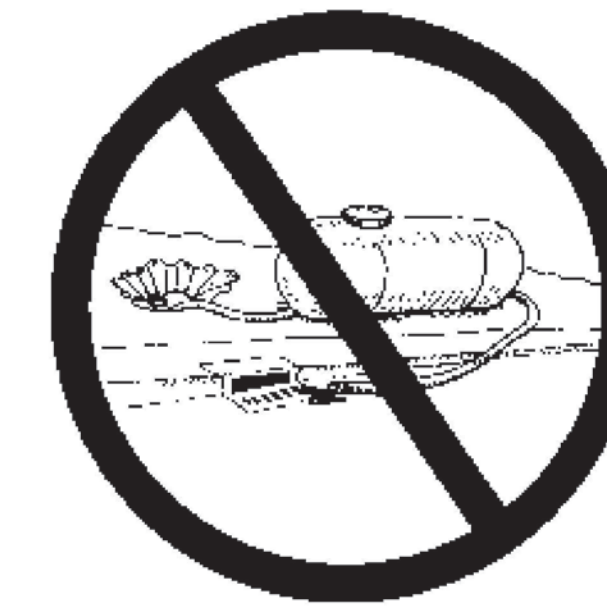
Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinsewater to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call your city's storm drain inspector before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing to do and to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or sand/gravel bags to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with sand/gravel bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.



Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.



- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.

Painting

- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.



Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it is least likely to collect in the street. Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use fiber rolls, silt fences, or other control measures to minimize the flow of silt off the site.



- ✓ Avoid scheduling earth moving activities during the rainy season if possible. If grading activities during wet weather are allowed in your permit, be sure to implement all control measures necessary to prevent erosion.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place fiber rolls down-slope until soil is secure.

- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call the Regional Water Quality Control Board or local hazardous waste management agency for help in determining what testing should be done, and manage disposal of contaminated soil according to their instructions.

Storm drain polluters may be liable for fines of \$10,000 or more per day!

BASMAA Bay Area Stormwater Management Agencies Association (BASMAA)
1-888-BAYWISE

For more detailed information:
Get a copy of the "Field Manual" — (510) 622-2465 or
www.abag.ca.gov/bayarea/sep/reports/construction.html

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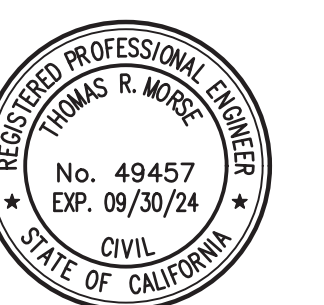
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Project Name
BERKELEY COMMONS

Project Number
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Description
EROSION CONTROL BMP

Scale
NTS

C7.3

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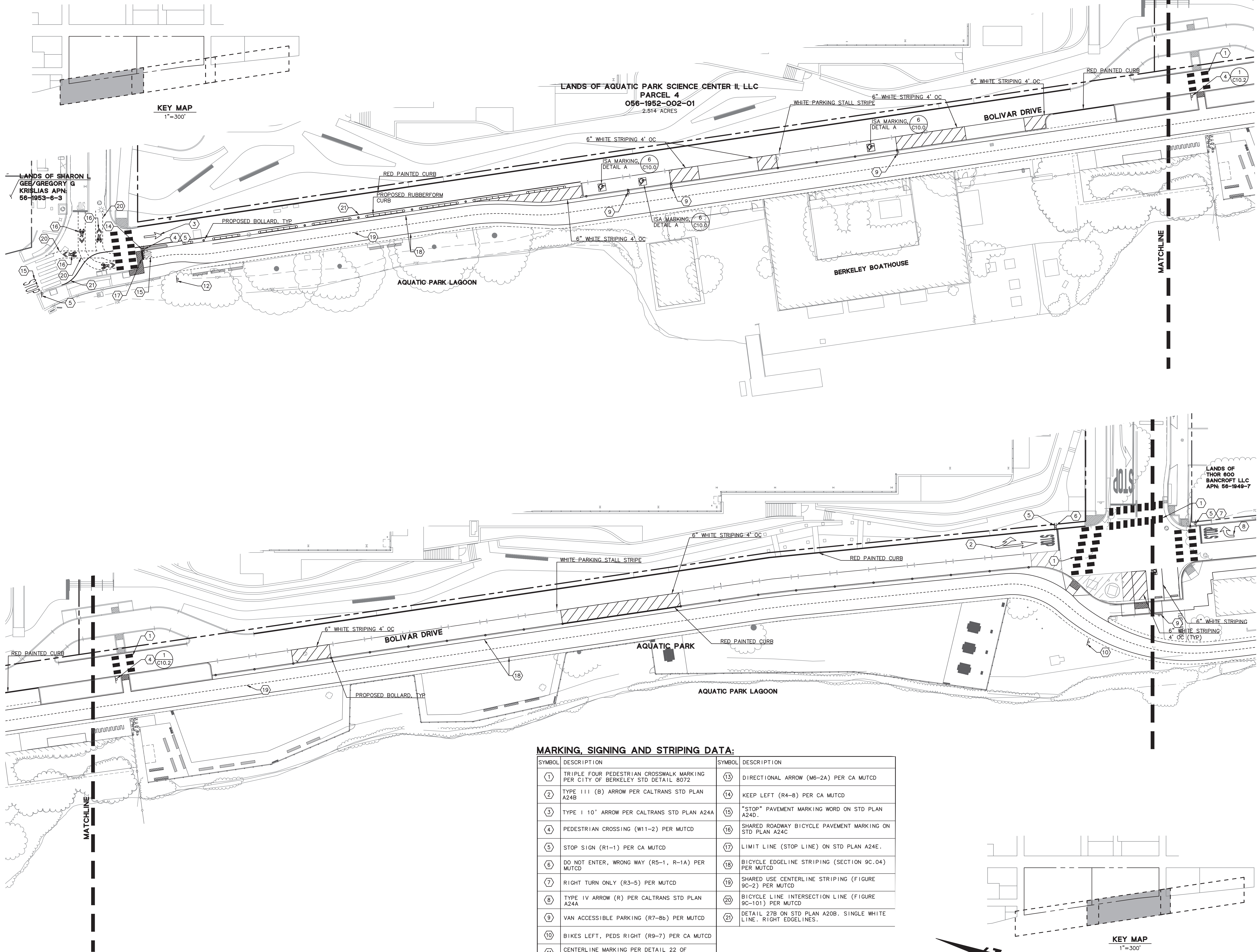
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KEY MAP
1"=300'

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Description
SIGNAGE AND STRIPING PLAN

Scale
1" = 20'

C8.0

MARKING, SIGNING AND STRIPING DATA:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
①	TRIPLE FOUR PEDESTRIAN CROSSWALK MARKING PER CITY OF BERKELEY STD DETAIL 8072	⑬	DIRECTIONAL ARROW (M6-2A) PER CA MUTCD
②	TYPE III (B) ARROW PER CALTRANS STD PLAN A24B	⑭	KEEP LEFT (R4-8) PER CA MUTCD
③	TYPE I 10' ARROW PER CALTRANS STD PLAN A24A	⑮	"STOP" PAVEMENT MARKING WORD ON STD PLAN A24D.
④	PEDESTRIAN CROSSING (W11-2) PER MUTCD	⑯	SHARED ROADWAY BICYCLE PAVEMENT MARKING ON STD PLAN A24C
⑤	STOP SIGN (R1-1) PER CA MUTCD	⑰	LIMIT LINE (STOP LINE) ON STD PLAN A24E.
⑥	DO NOT ENTER, WRONG WAY (R5-1, R-1A) PER MUTCD	⑱	BICYCLE EDGELINE STRIPING (SECTION 9C.04) PER MUTCD
⑦	RIGHT TURN ONLY (R3-5) PER MUTCD	⑲	SHARED USE CENTERLINE STRIPING (FIGURE 9C-2) PER MUTCD
⑧	TYPE IV ARROW (R) PER CALTRANS STD PLAN A24A	⑳	BICYCLE LINE INTERSECTION LINE (FIGURE 9C-101) PER MUTCD
⑨	VAN ACCESSIBLE PARKING (R7-8b) PER MUTCD	㉑	DETAIL 27B ON STD PLAN A20B. SINGLE WHITE LINE. RIGHT EDGELINES.
⑩	BIKES LEFT, PEDS RIGHT (R9-7) PER CA MUTCD		
⑪	CENTERLINE MARKINGS PER DETAIL 22 OF CALTRANS STD PLAN A20A		
⑫	NO MOTOR VEHICLES (R5-3) PER CA MUTCD		



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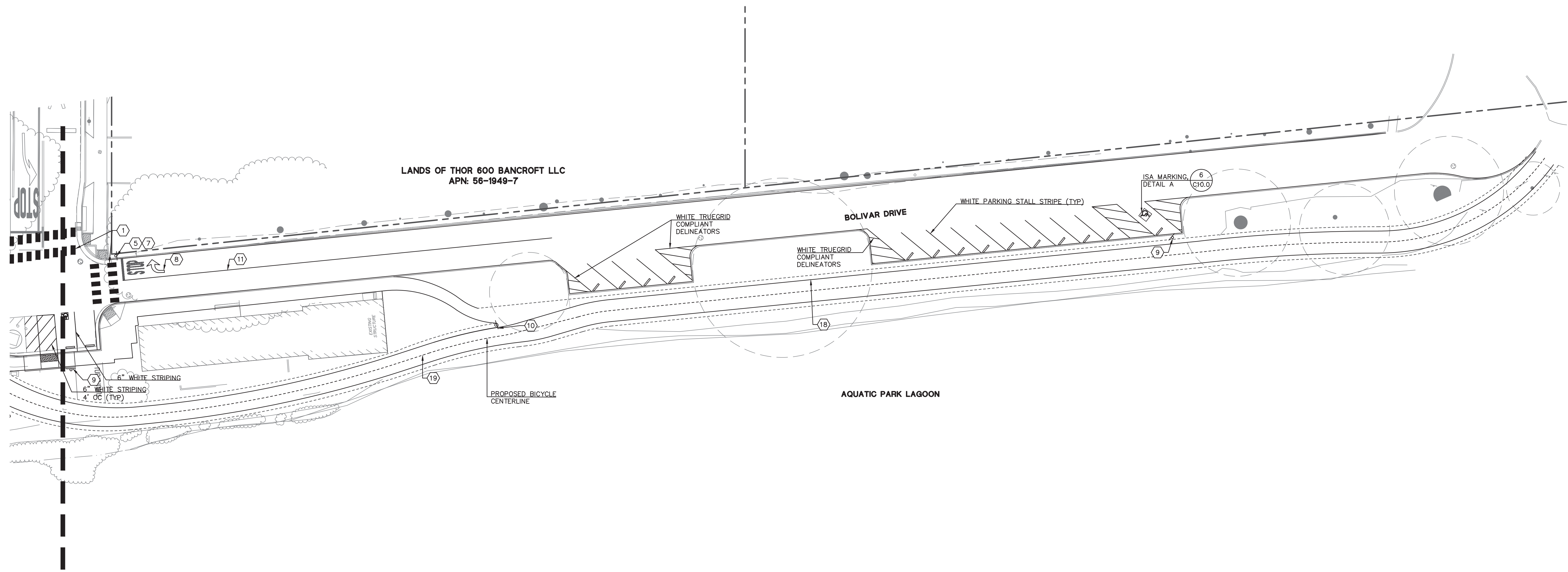
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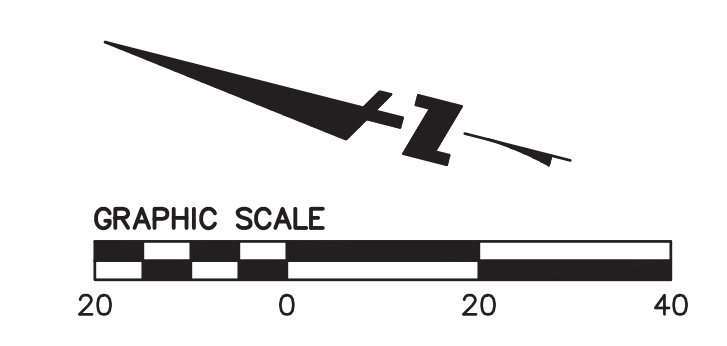
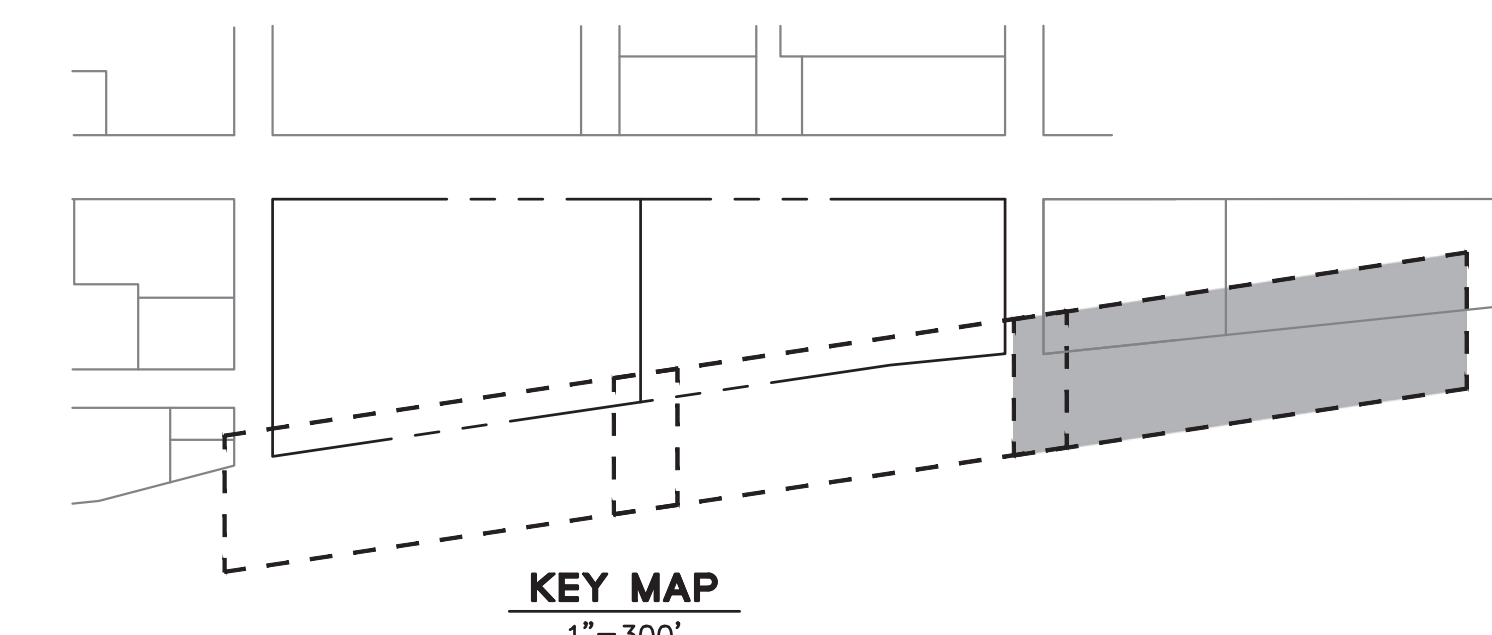
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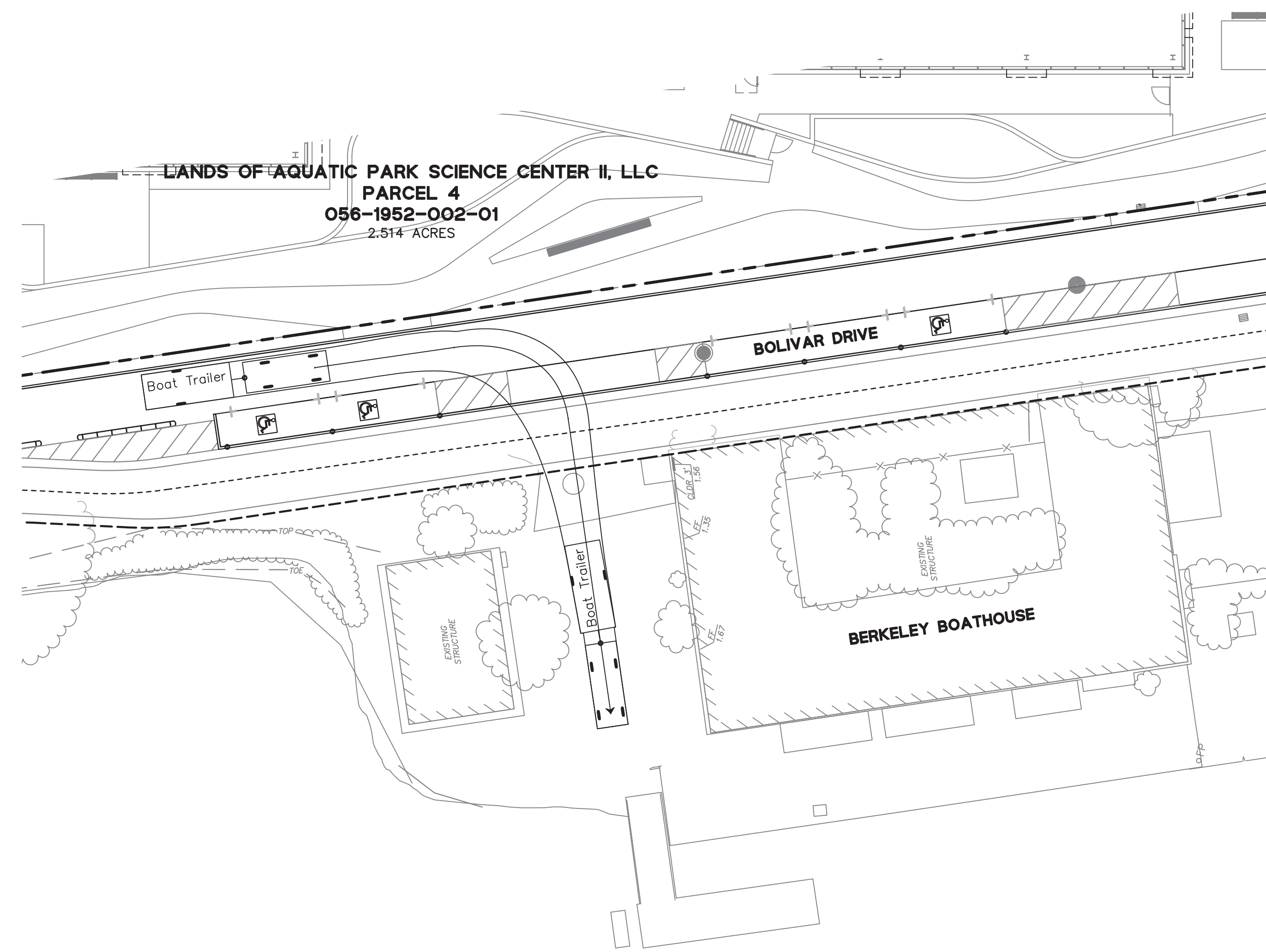
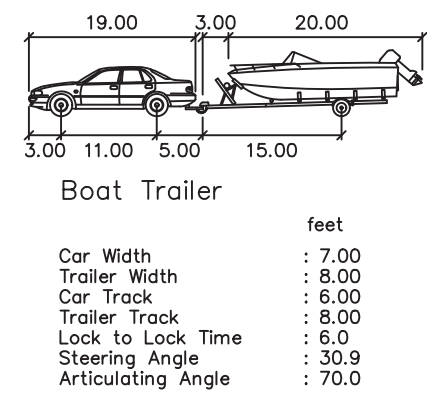
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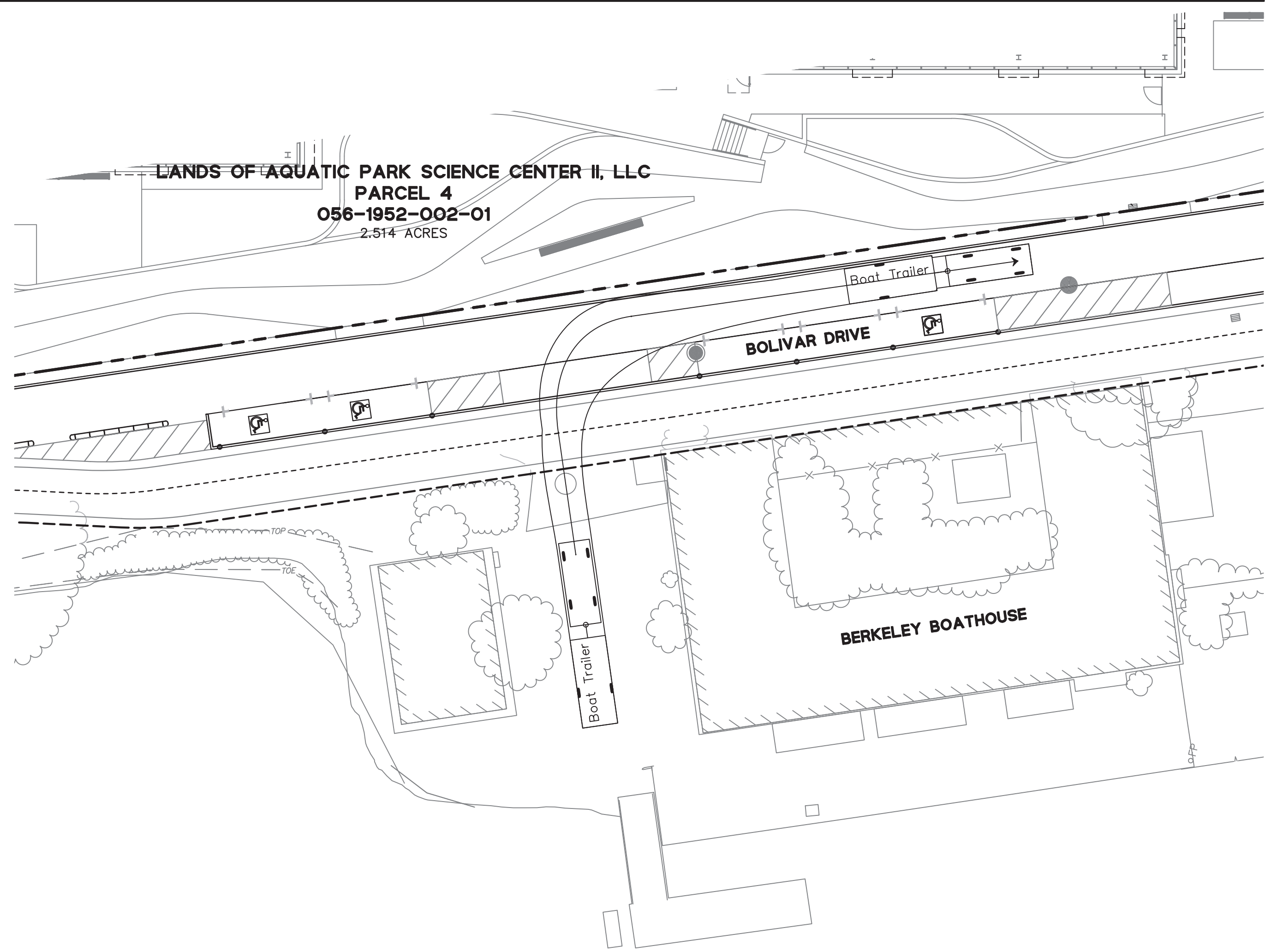
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SIGNAGE AND STRIPING PLAN

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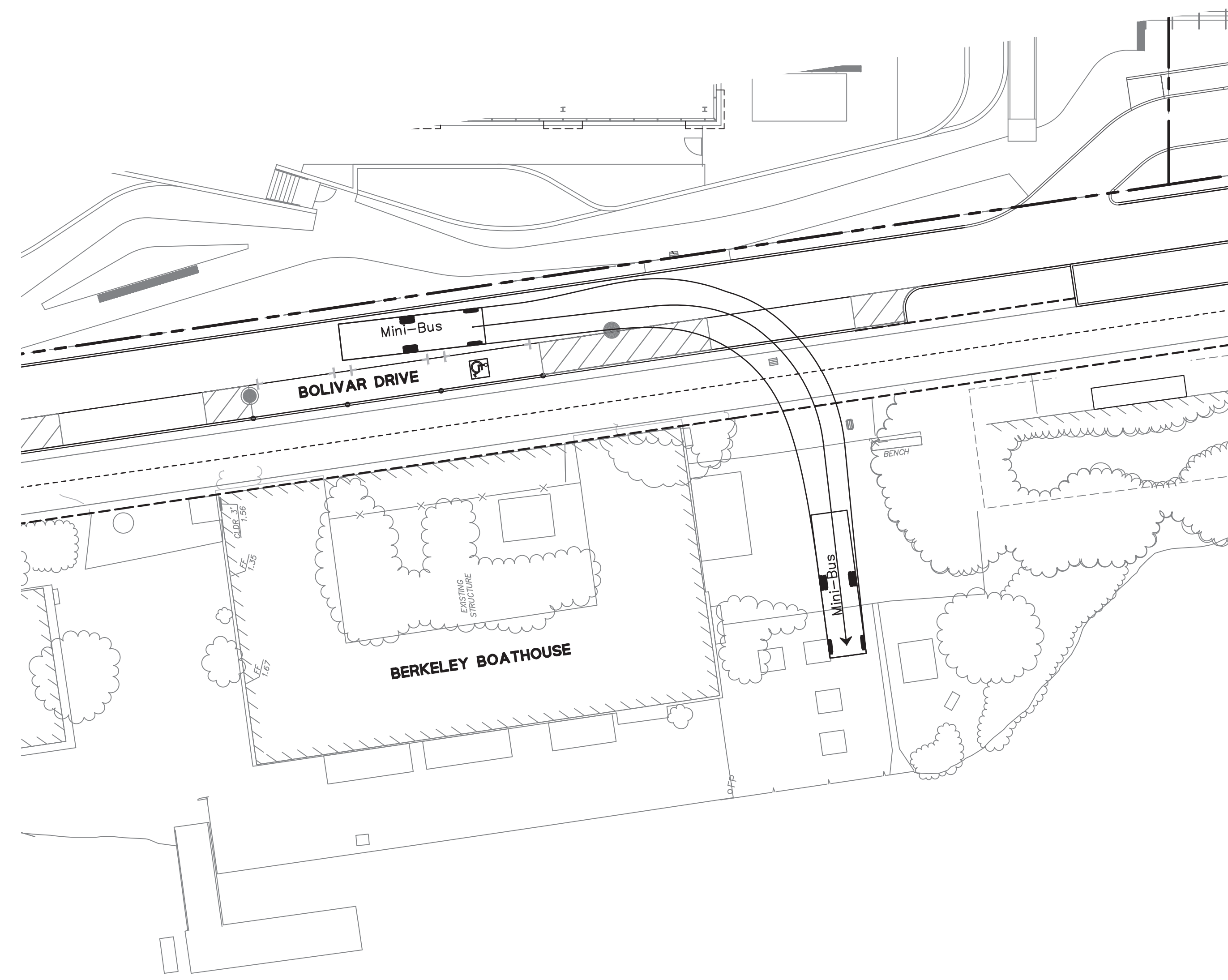
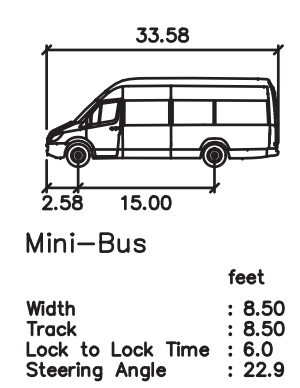
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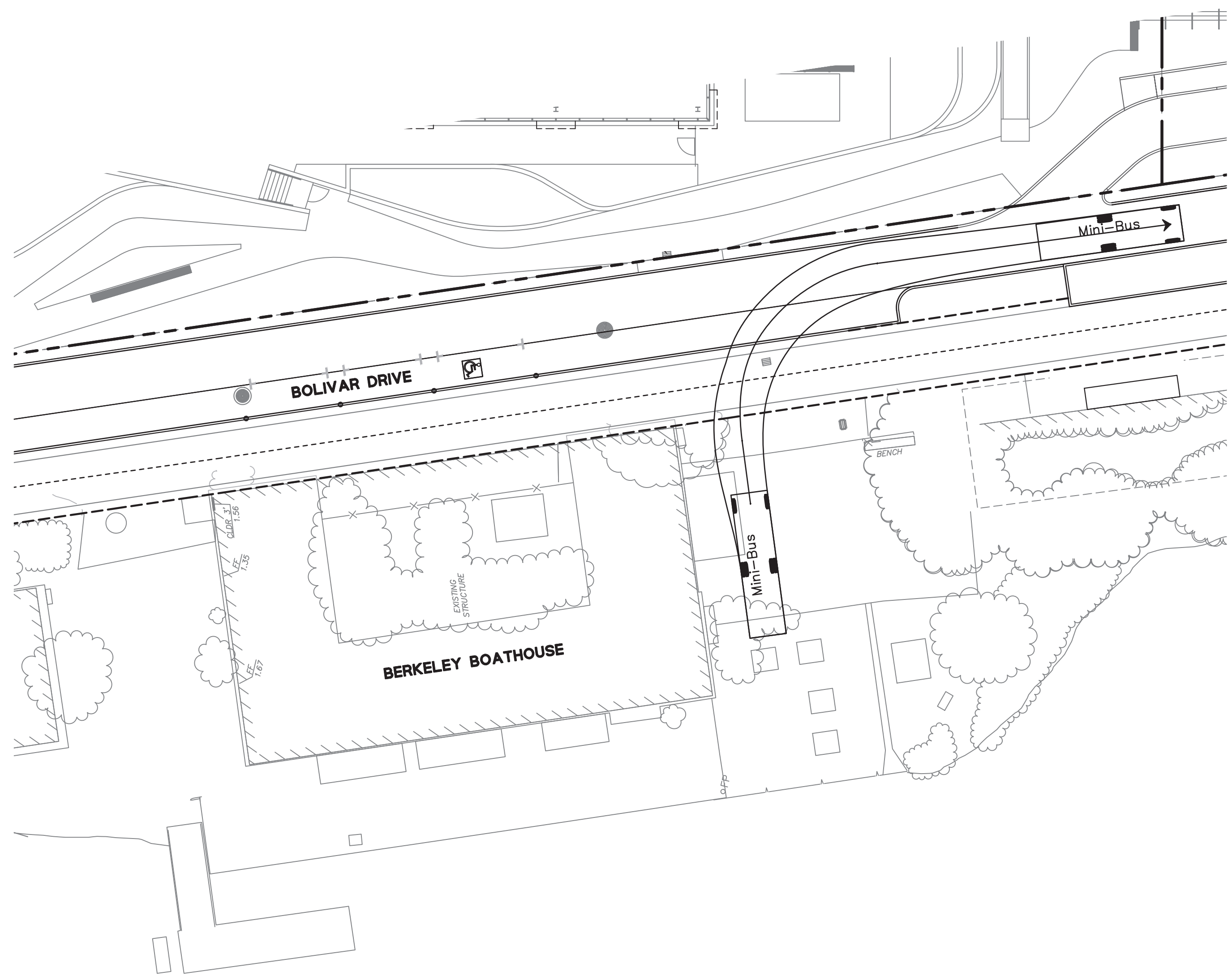
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NOT TO SCALE



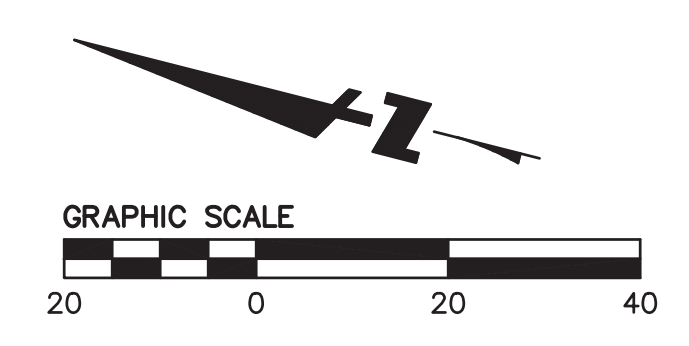
BOAT TRAILER TURN OUT
NOT TO SCALE



PASSENGER VAN TURN IN
NOT TO SCALE



PASSENGER VAN TURN OUT
NOT TO SCALE



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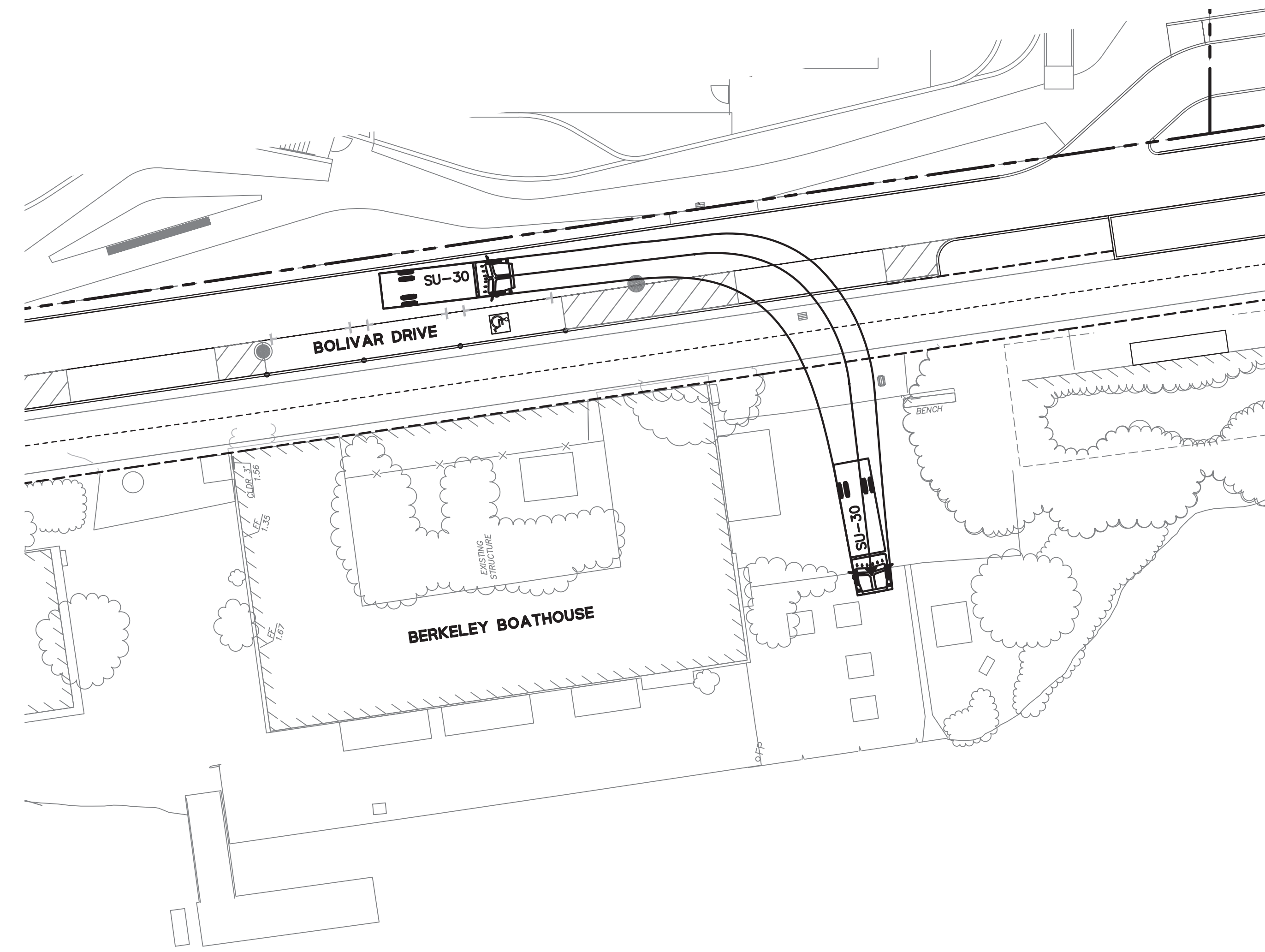
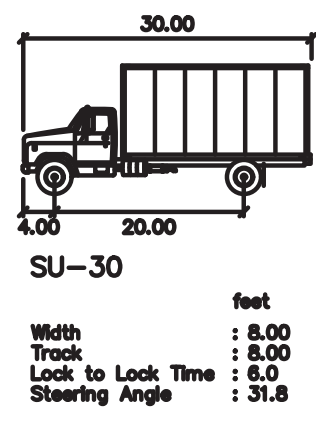
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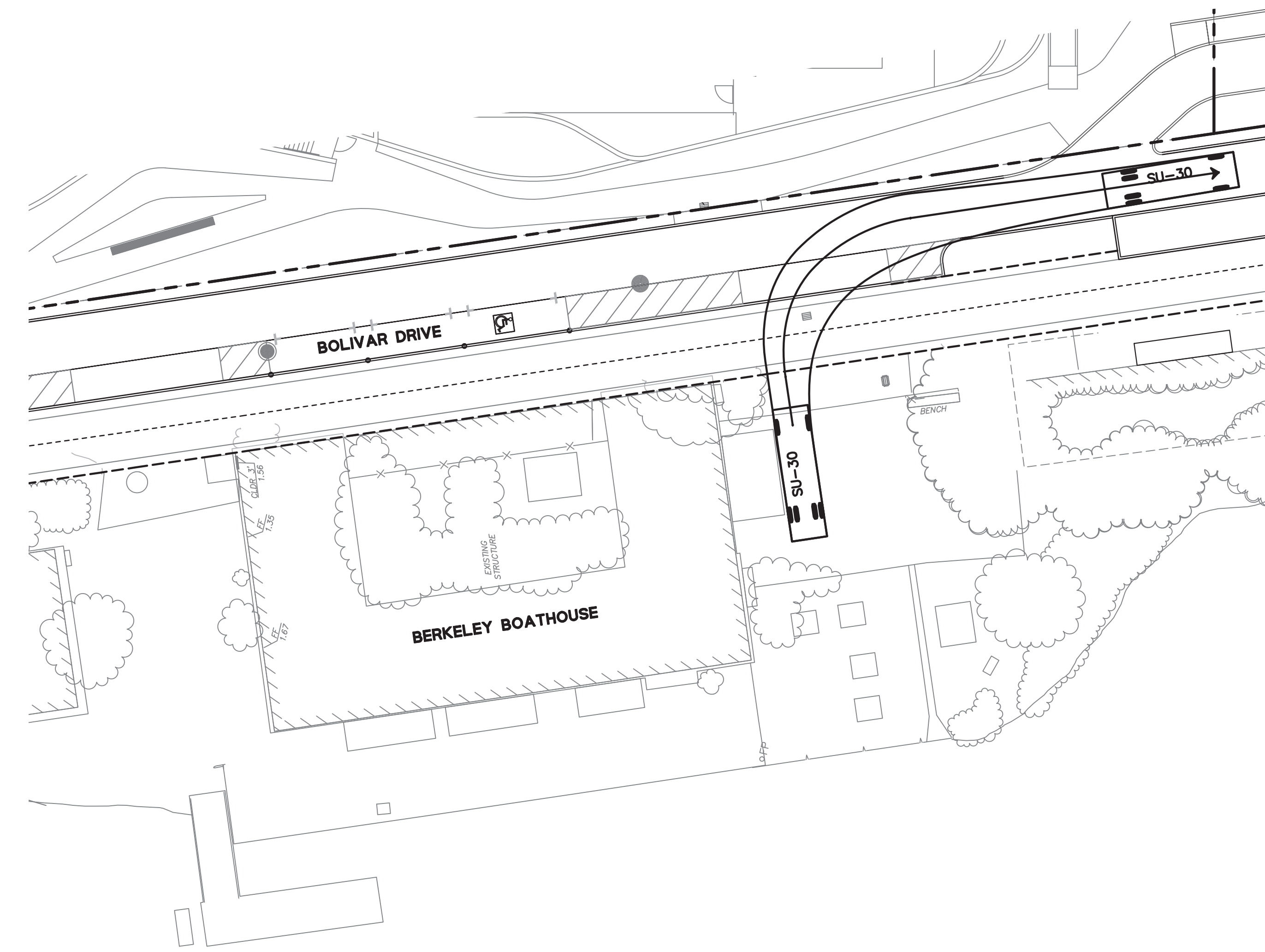
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VEHICLE TURNS

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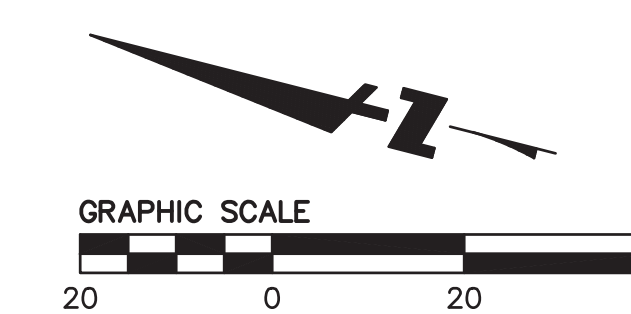
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BOX TRUCK TURN IN
NOT TO SCALE



BOX TRUCK TURN OUT
NOT TO SCALE



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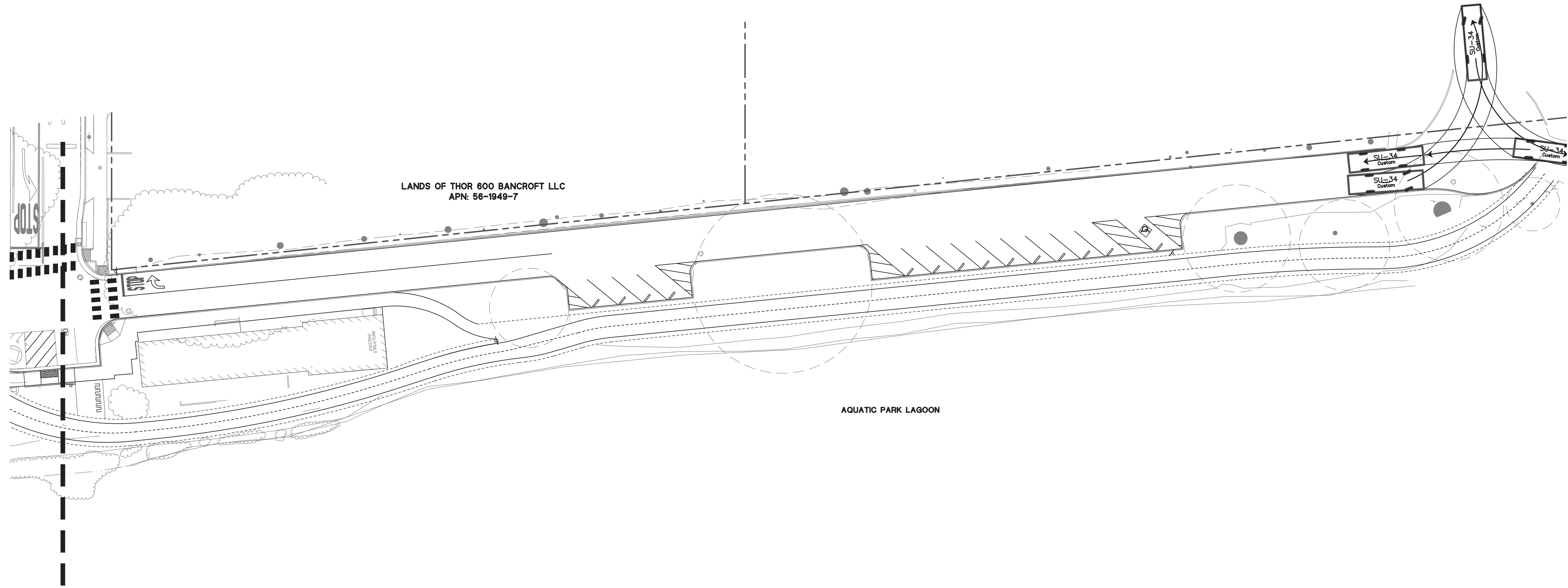
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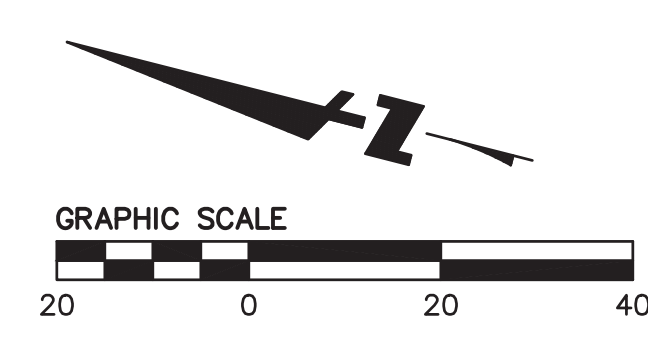
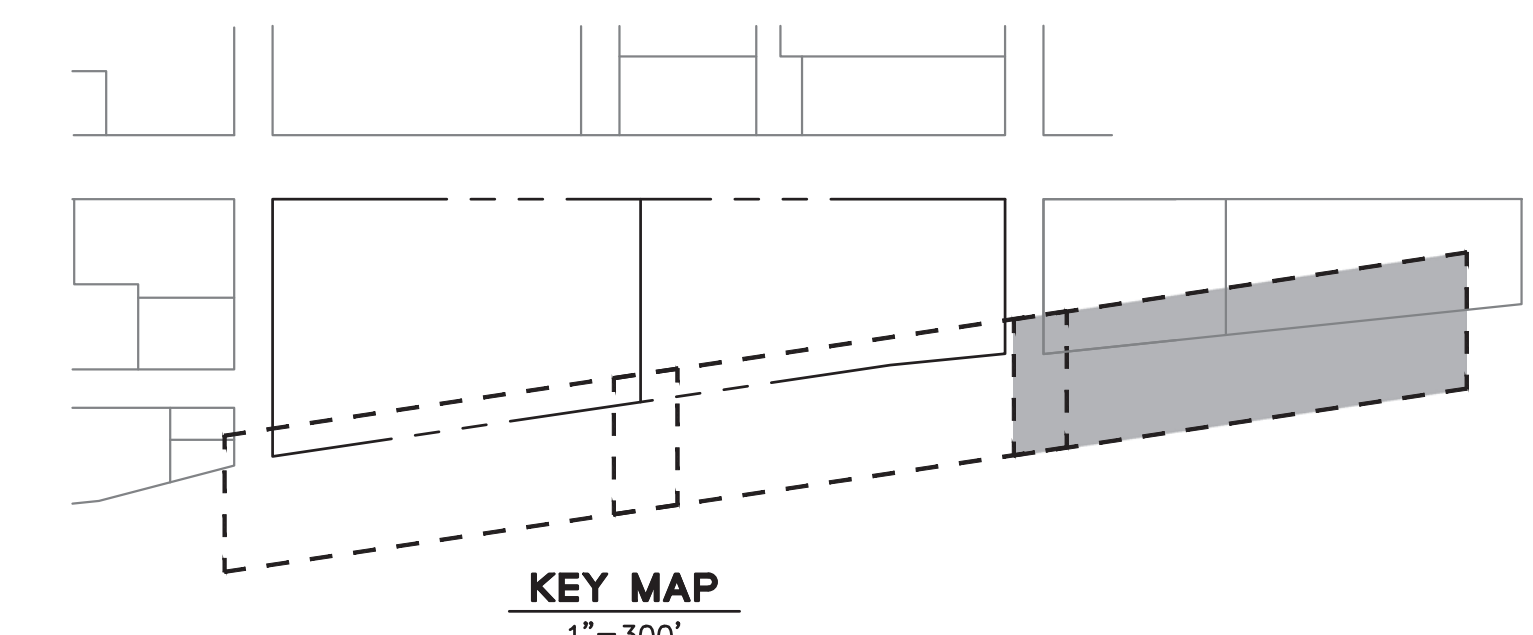
Tel 650.482.6300



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION



Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
FIRE TRUCK TURNING

Scale
1" = 20'

C8.4

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

LB2 PARTNERS
Tel 415.845.7500

Gensler

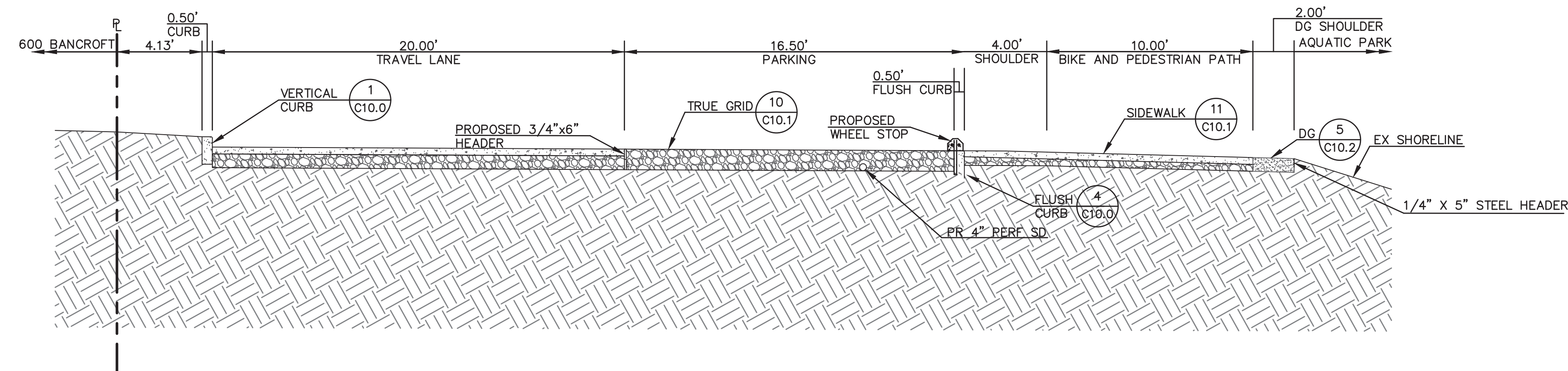
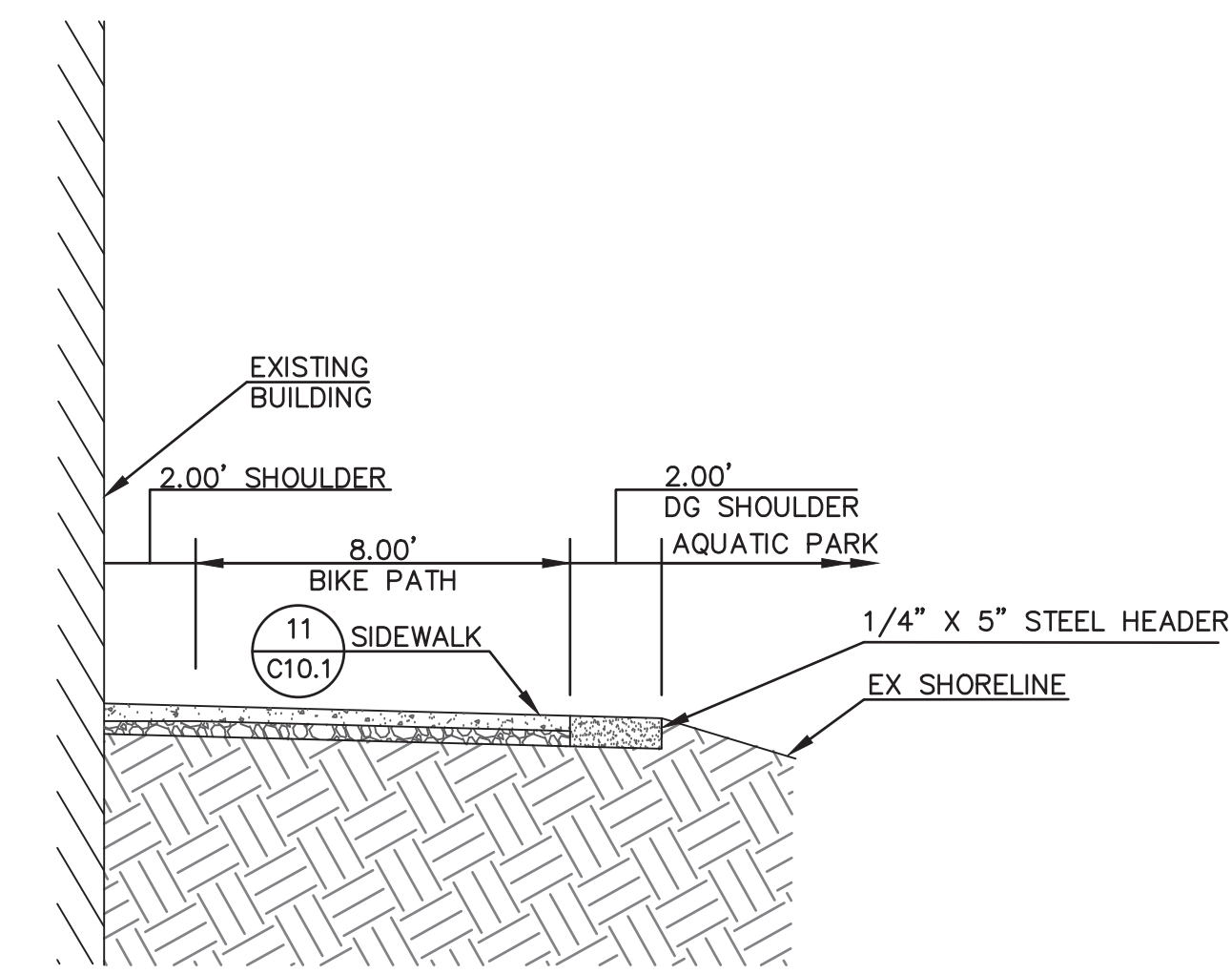
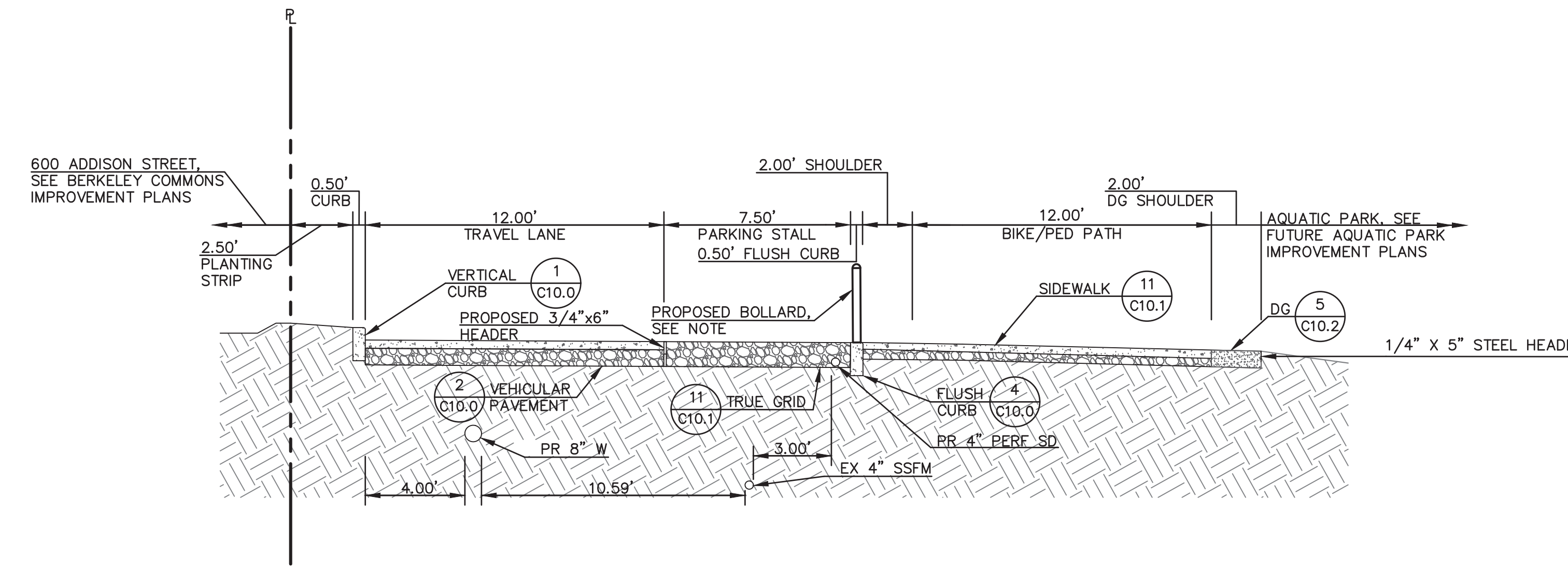
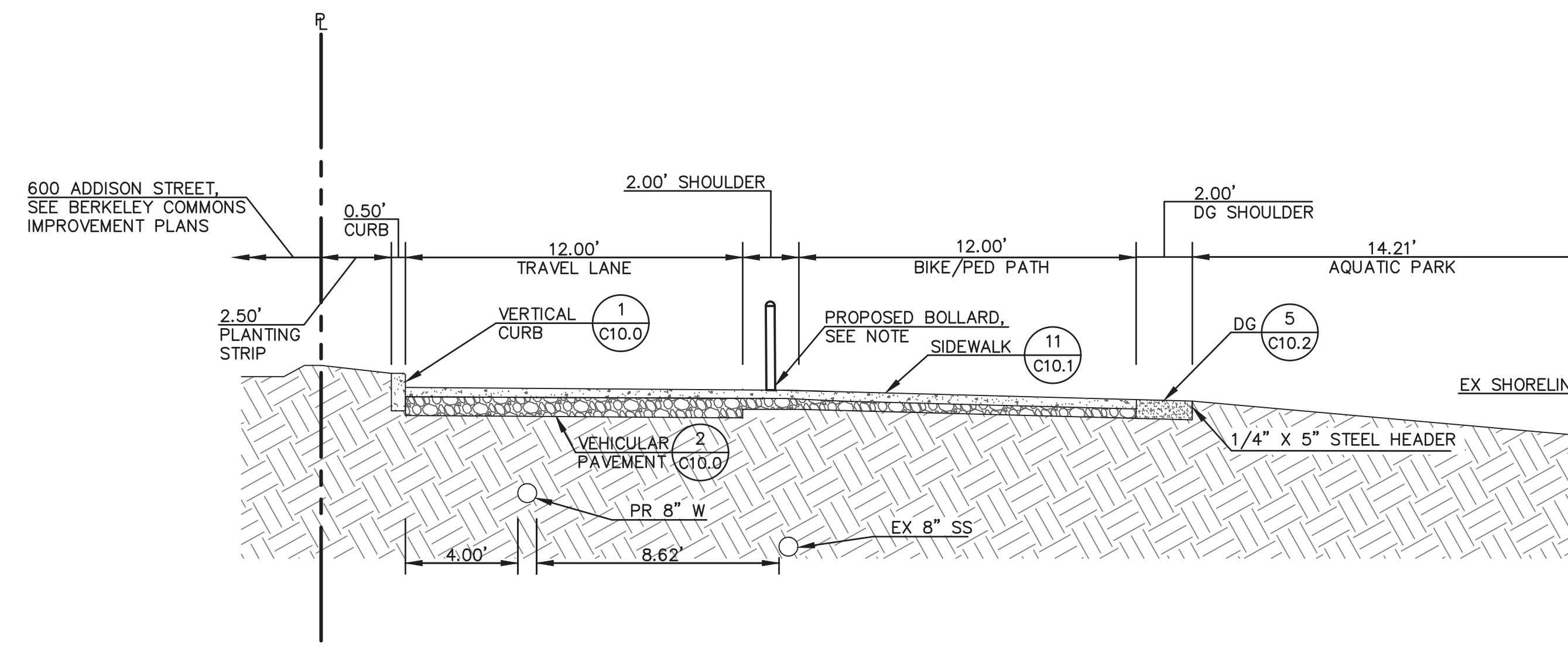
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499



255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

Tel 650.482.6300



NOTE:
REFER TO SHEET C4.0 FOR DIMENSIONS ON BOLLARD SPACING.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



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NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
SECTIONS

Scale
NTS

C9.0

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
Suite 2000
Oakland, CA 94612
Tel 510.825.7400

LB2 PARTNERS
Tel 415.845.7500

Gensler

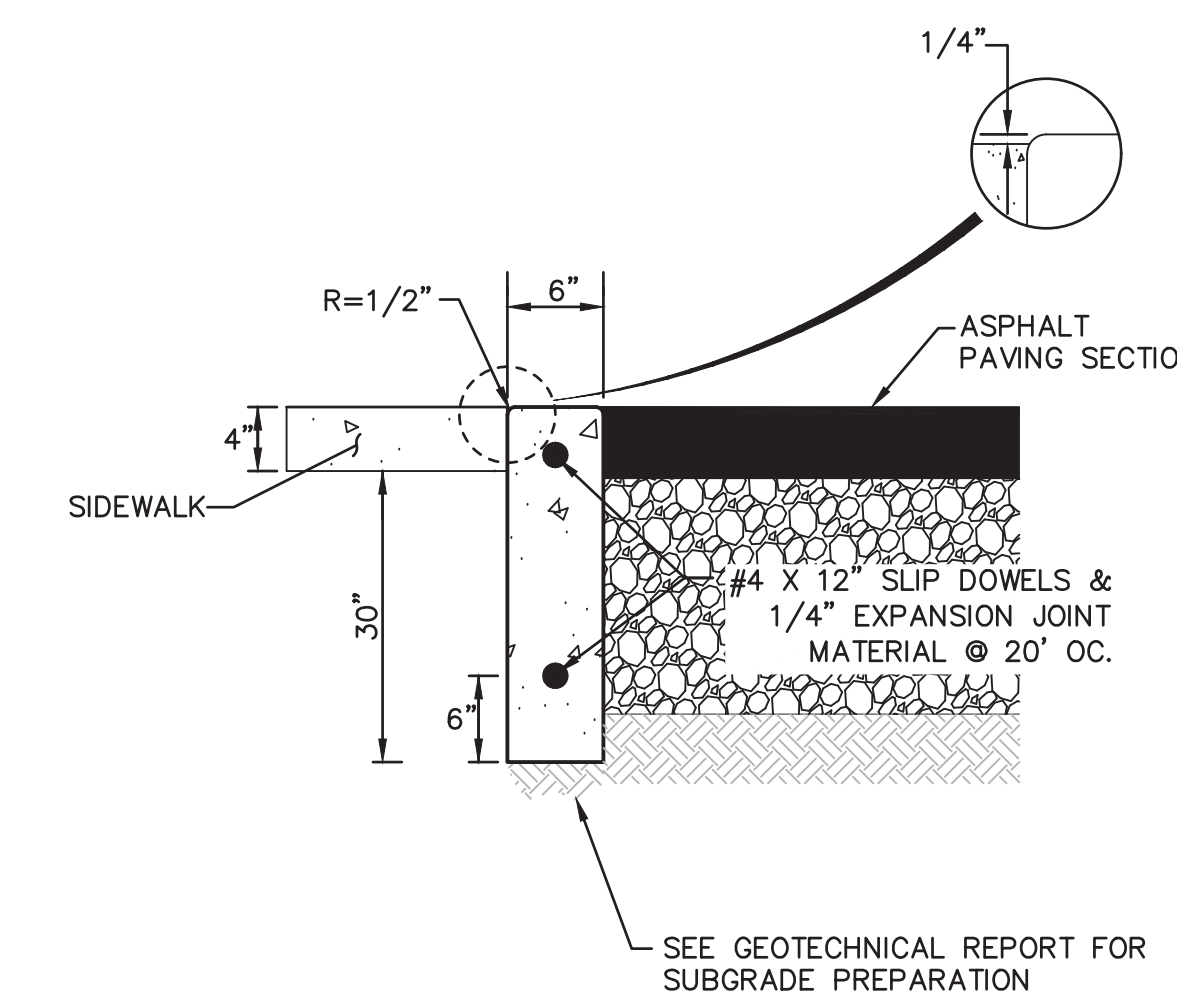
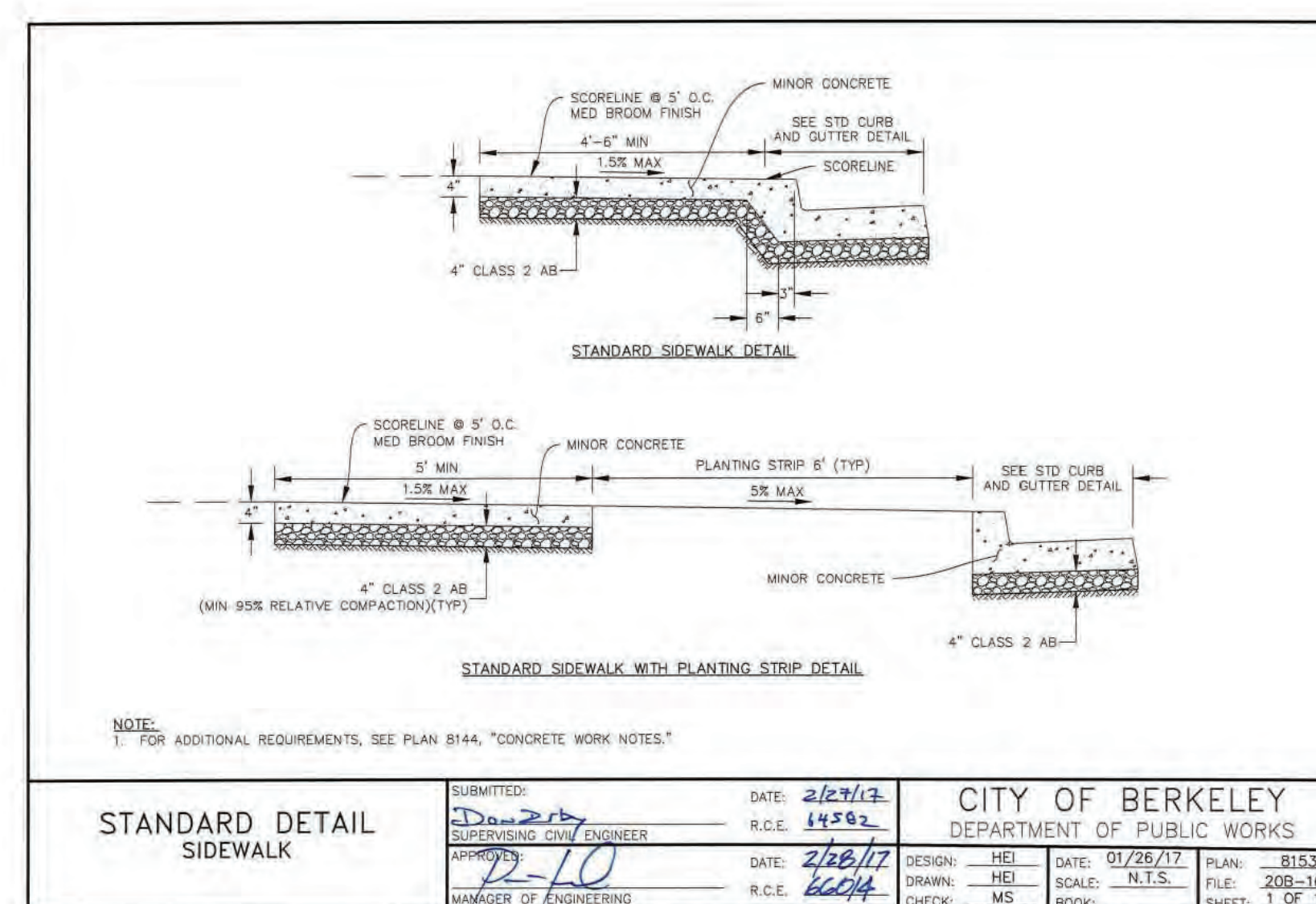
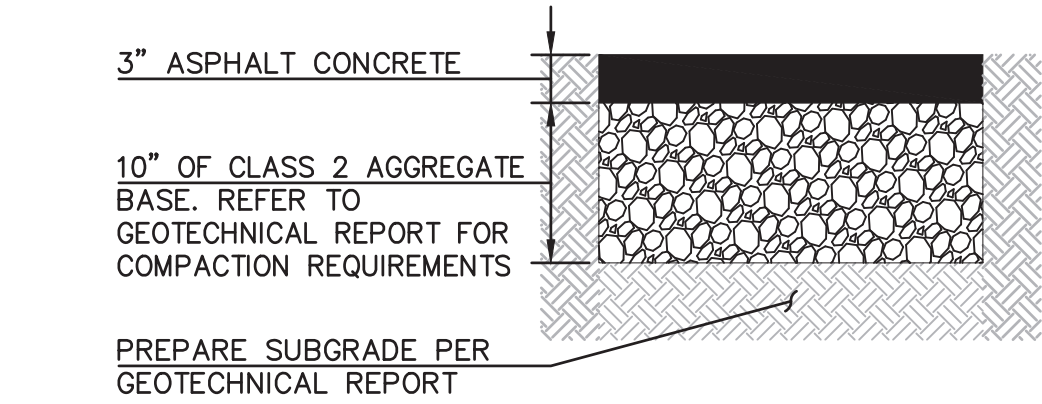
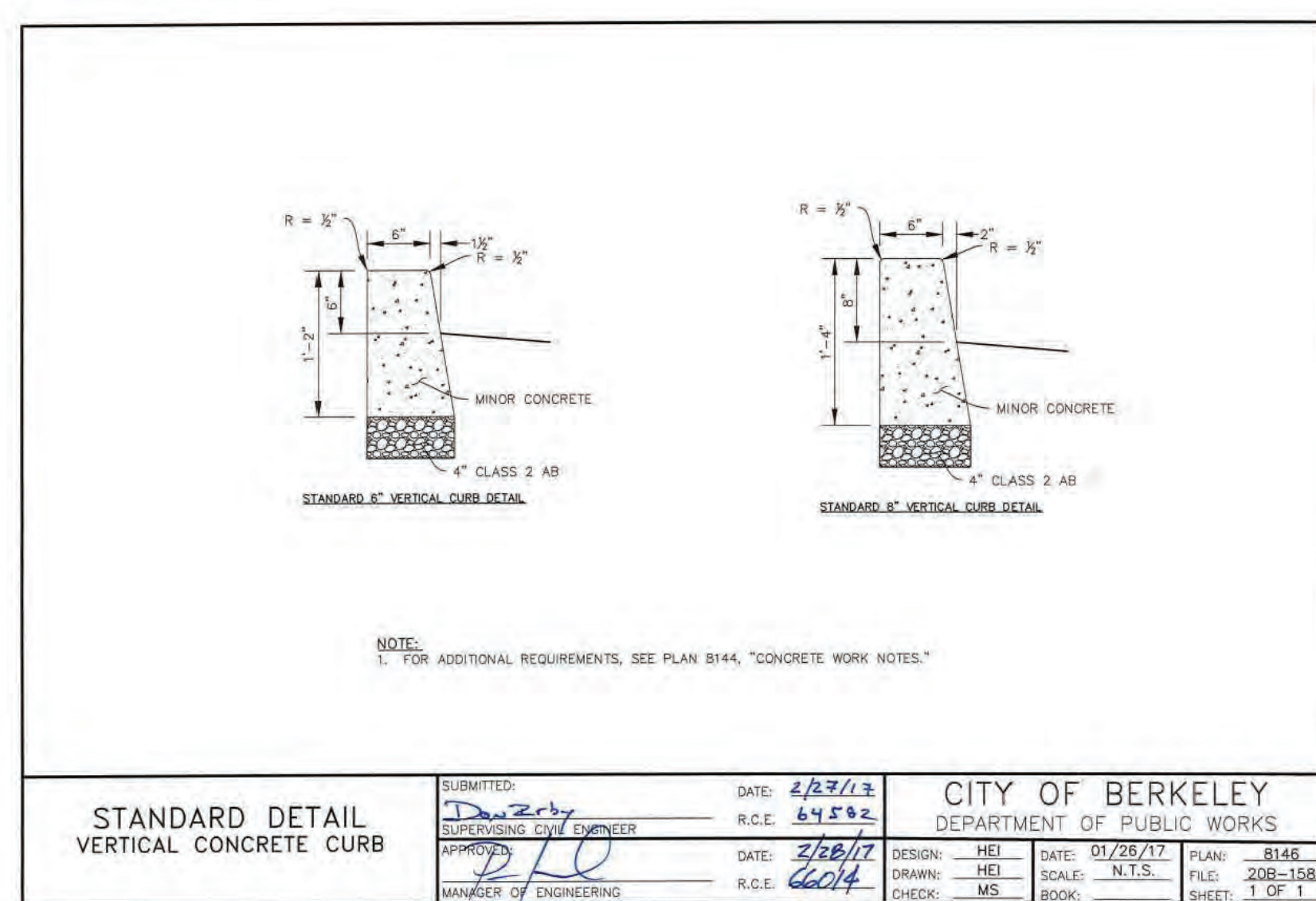
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.825.7400
Fax 510.625.7499



255 Shoreline Drive
Suite 200
Redwood City, CA 94065
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Tel 650.482.6300

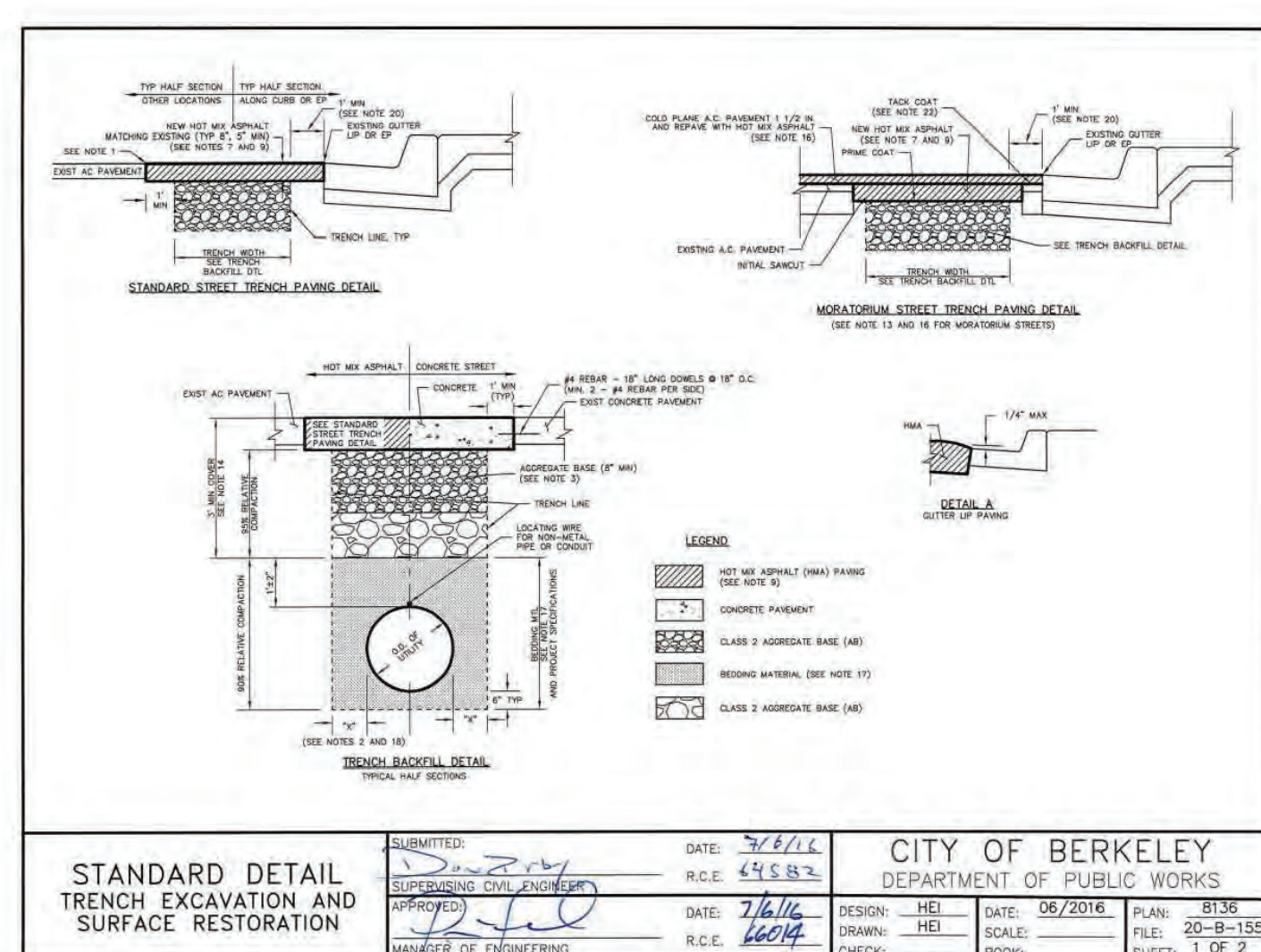


1 VERTICAL CONCRETE CURB
NOT TO SCALE

2 PROPOSED VEHICULAR PAVEMENT
NOT TO SCALE

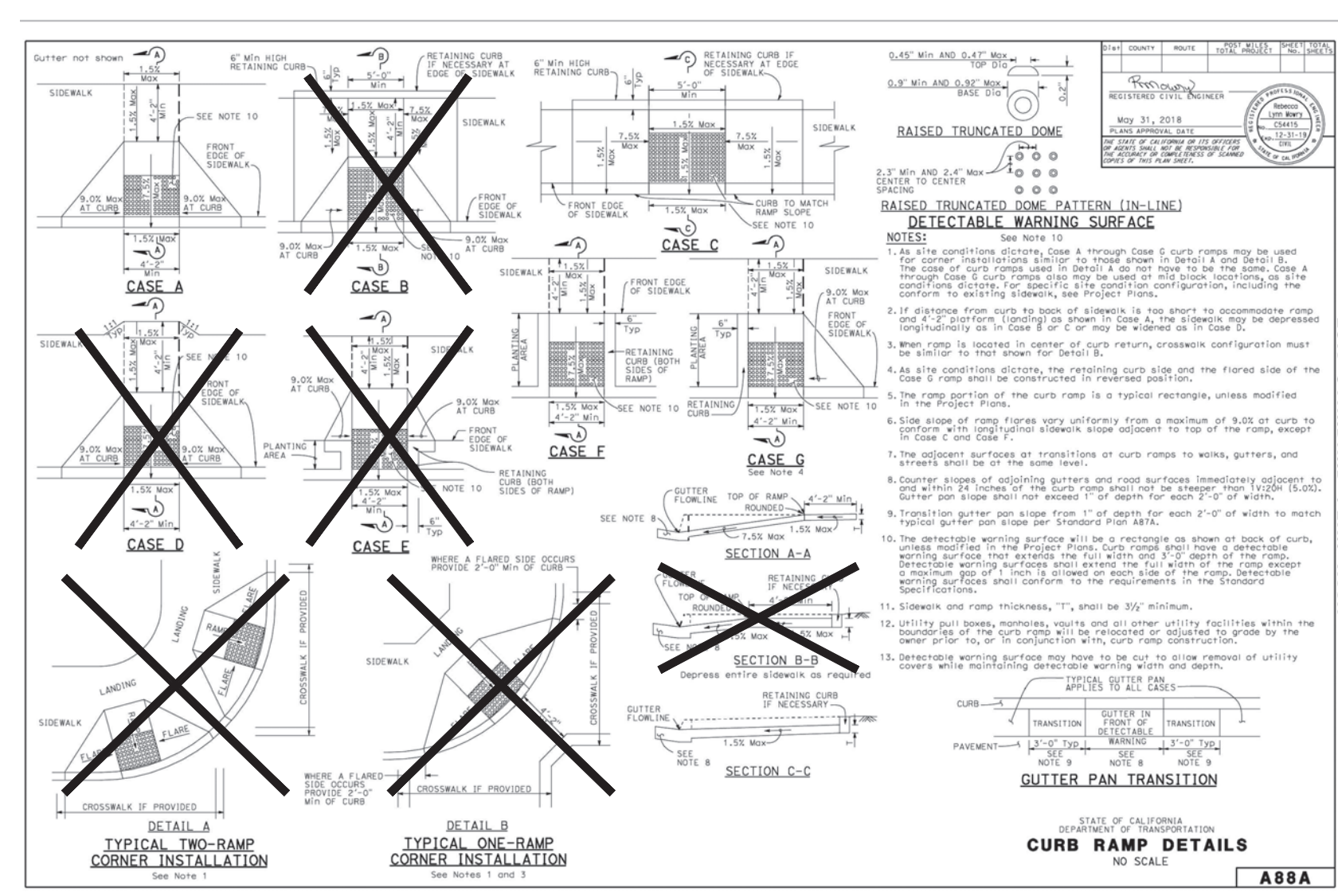
3 SIDEWALK
NOT TO SCALE

4 FLUSH CURB
NOT TO SCALE

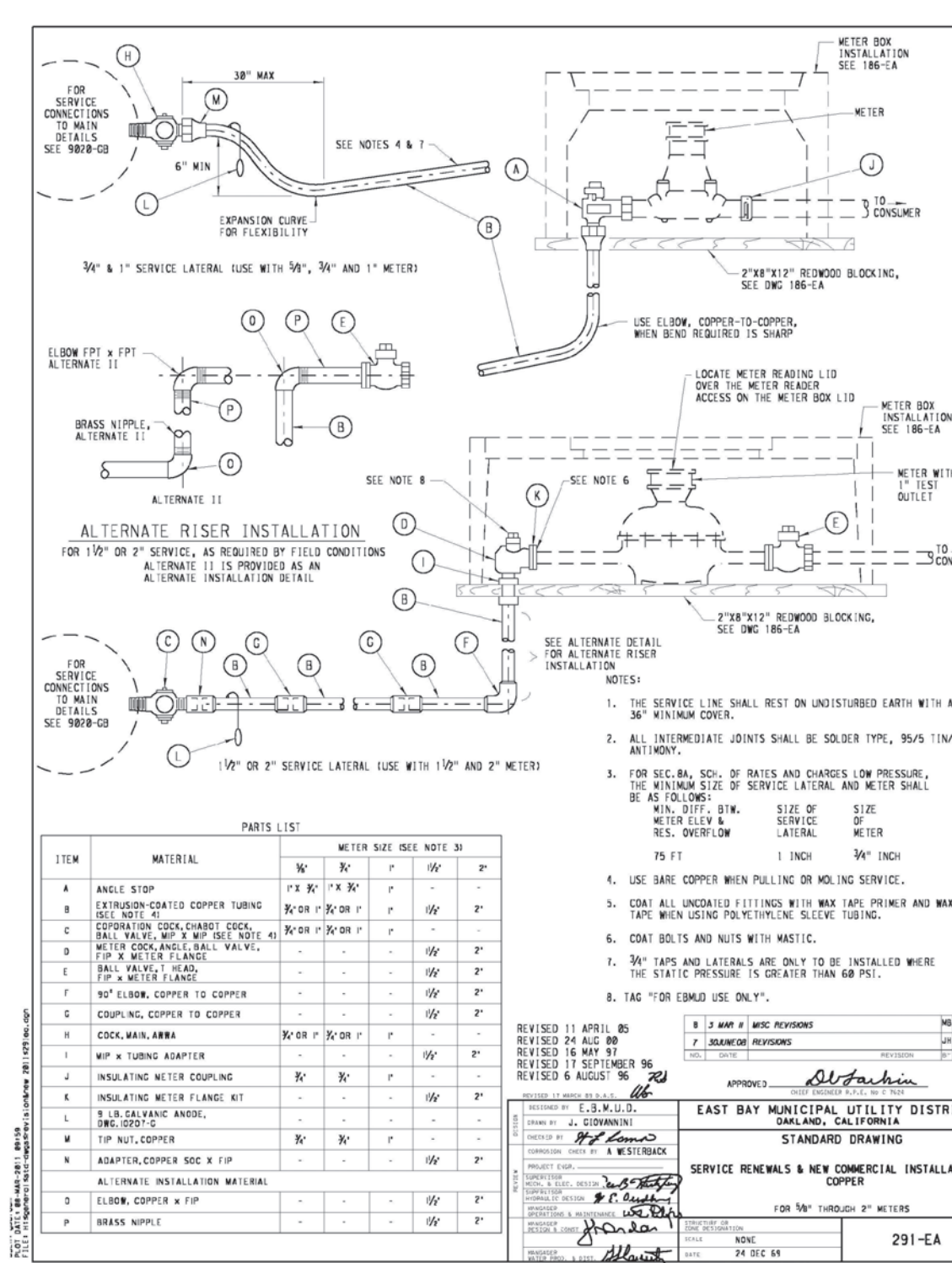


5 TRENCH EXCAVATION AND SURFACE RESTORATION
NOT TO SCALE

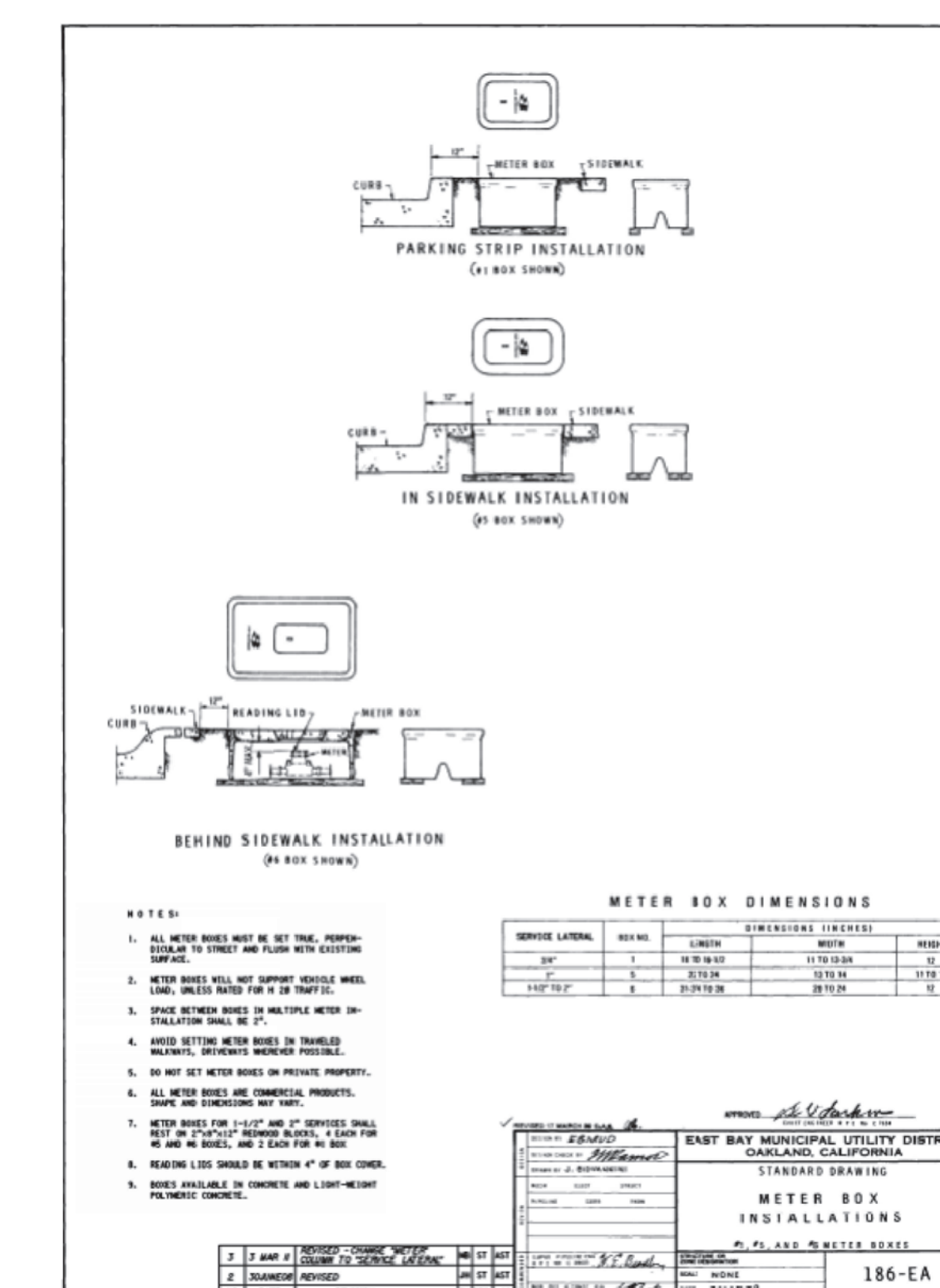
6 ADA ACCESSIBLE PARKING DETAIL
NOT TO SCALE



7 CURB RAMP DETAIL
NOT TO SCALE



8 NEW COMMERCIAL INSTALLATIONS
NOT TO SCALE



9 METER BOX INSTALLATIONS
NOT TO SCALE

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal/Signature
NOT FOR CONSTRUCTION

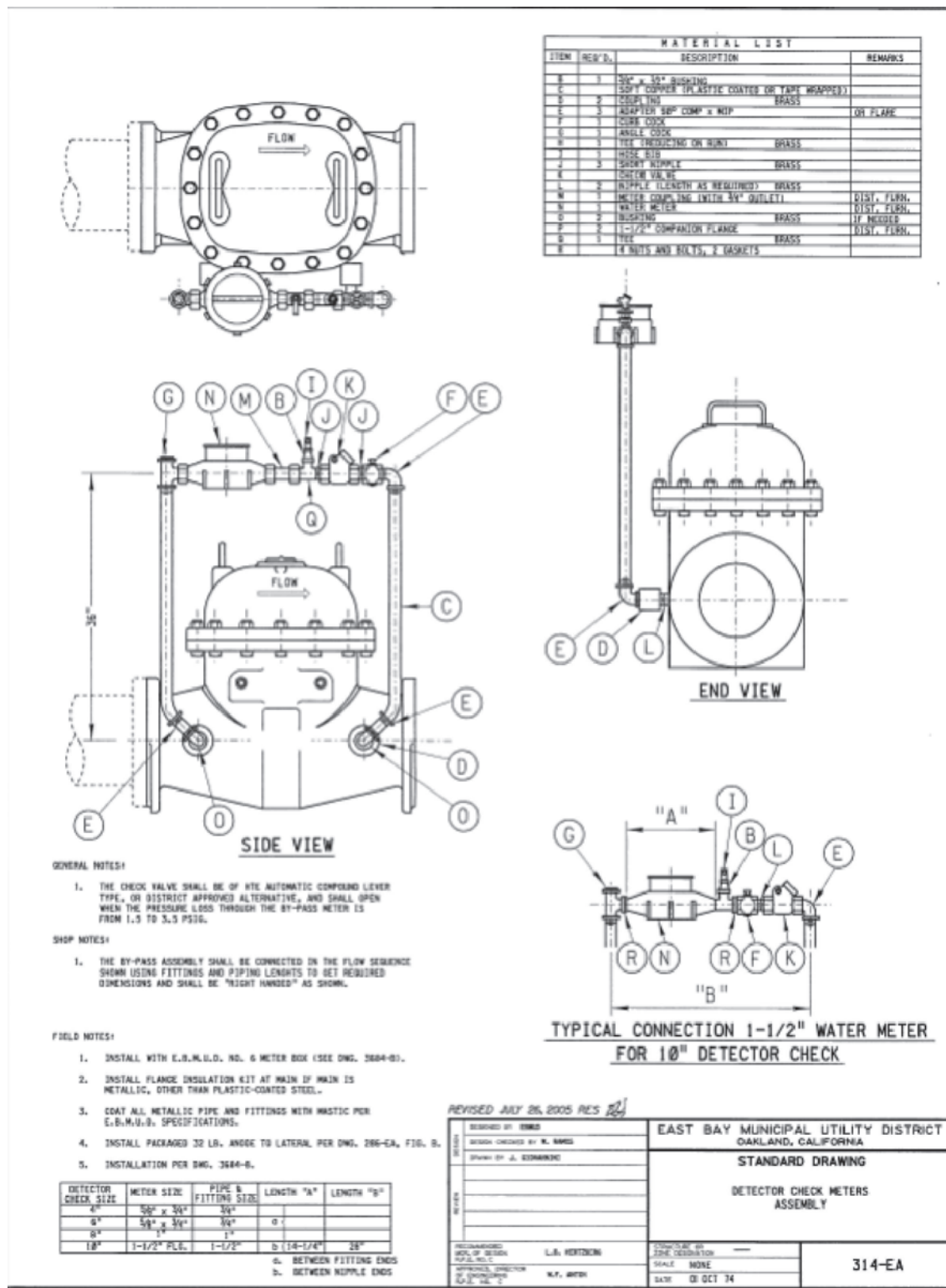
Project Name
BERKELEY COMMONS

Project Number
33.4462.000

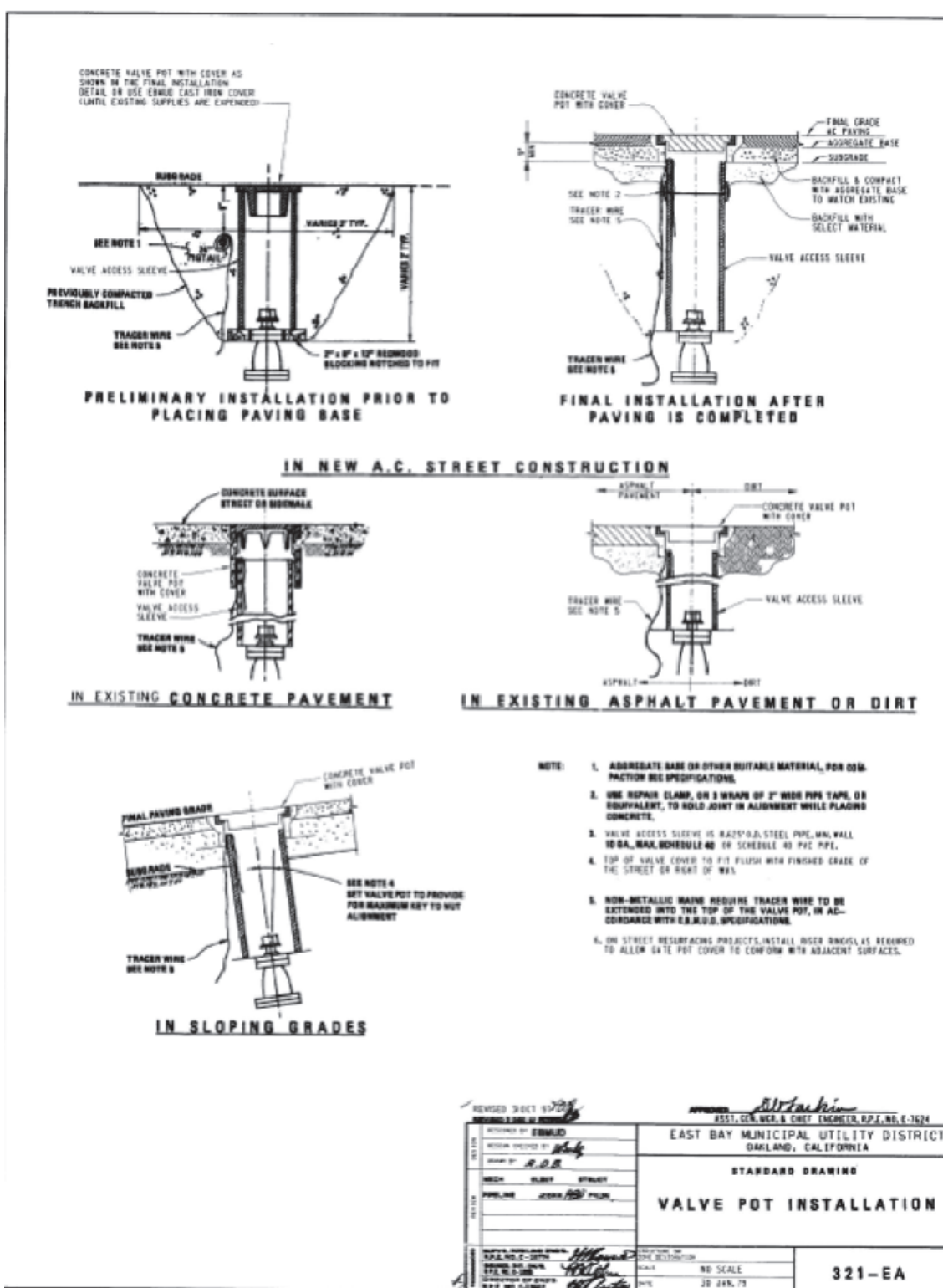
Description
DETAILS

Scale
NTS

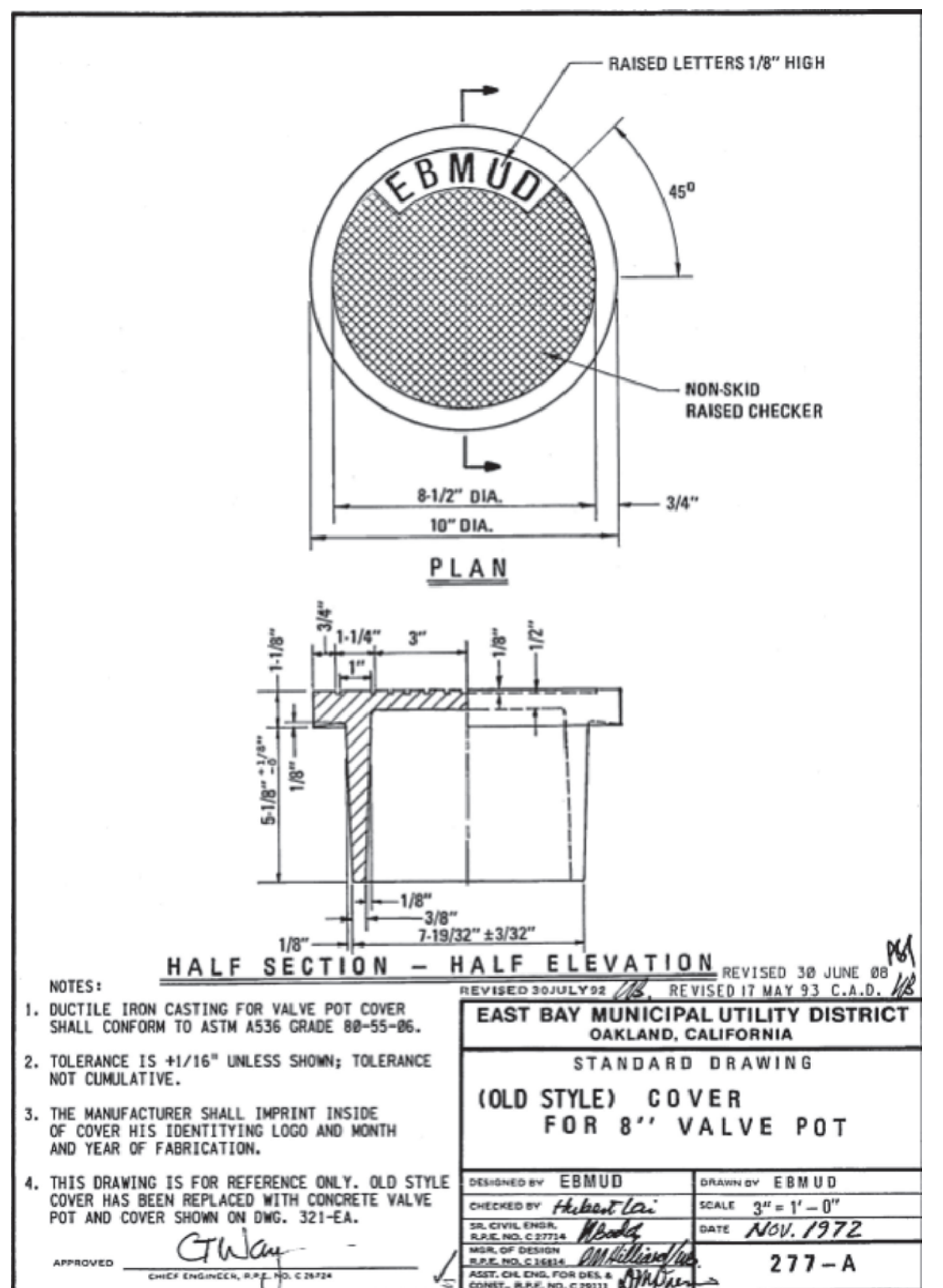
C10.0



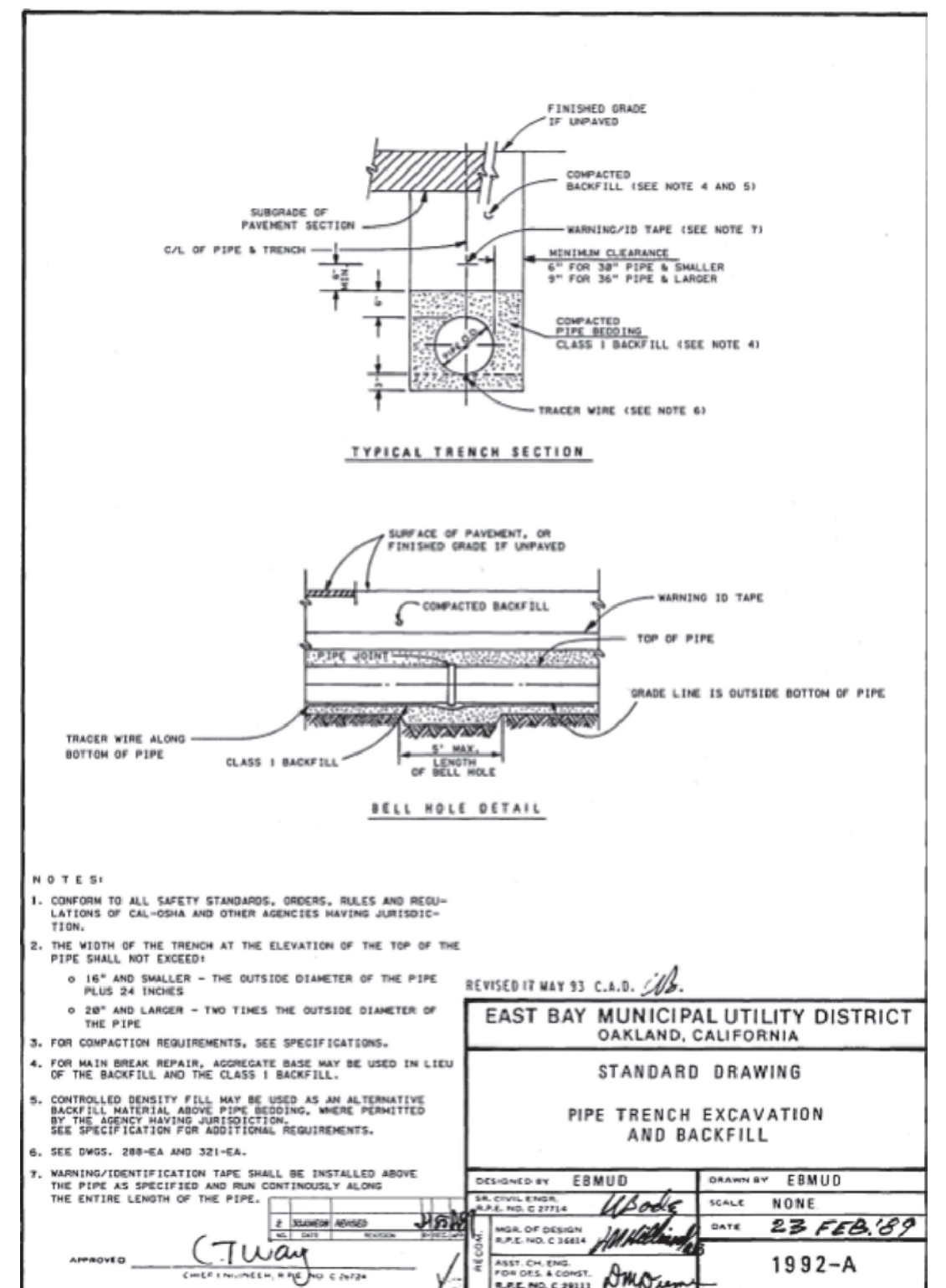
1 DETECTOR CHECK METERS ASSEMBLY
NOT TO SCALE



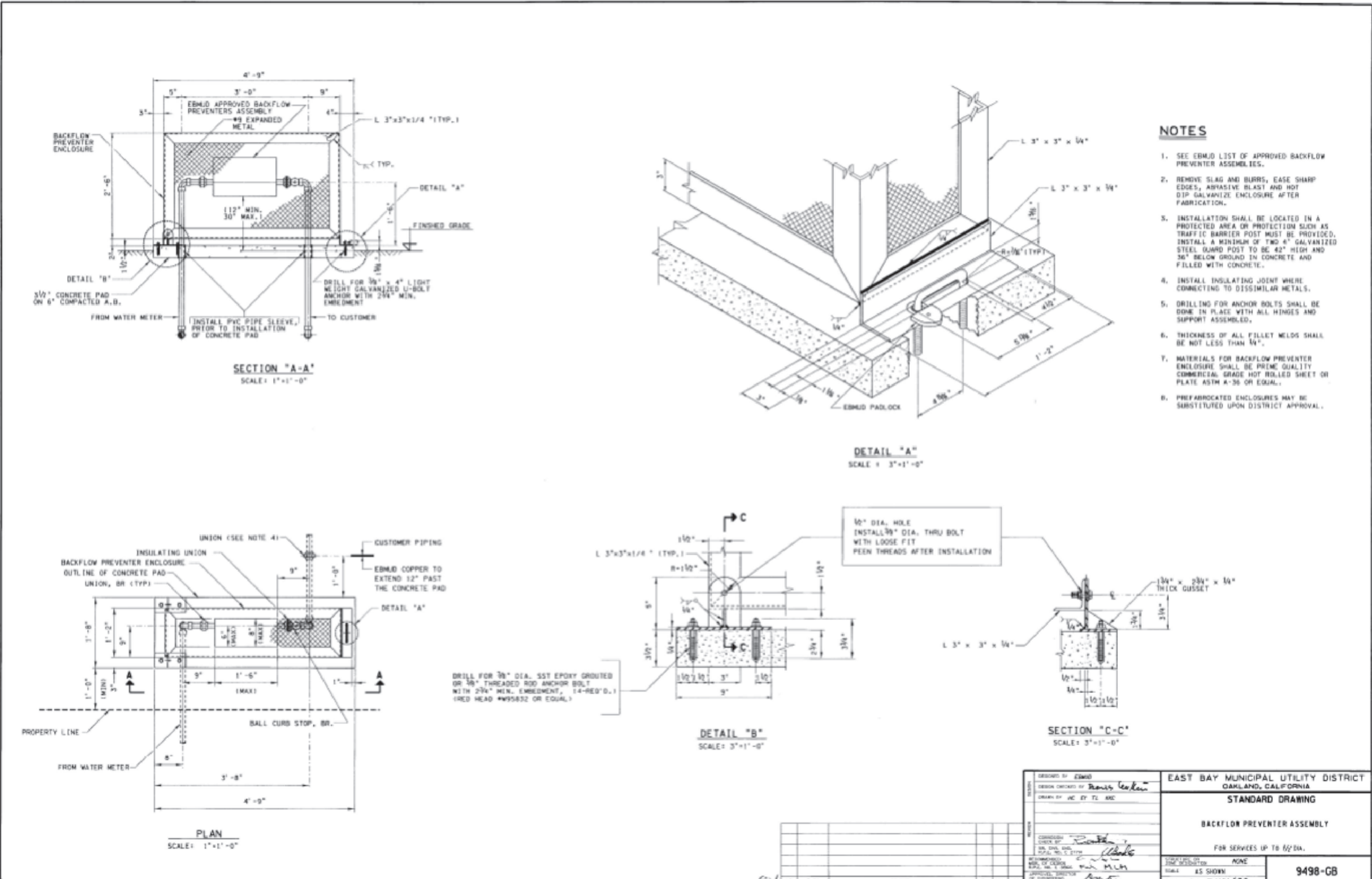
2 VALVE POT INSTALLATION
NOT TO SCALE



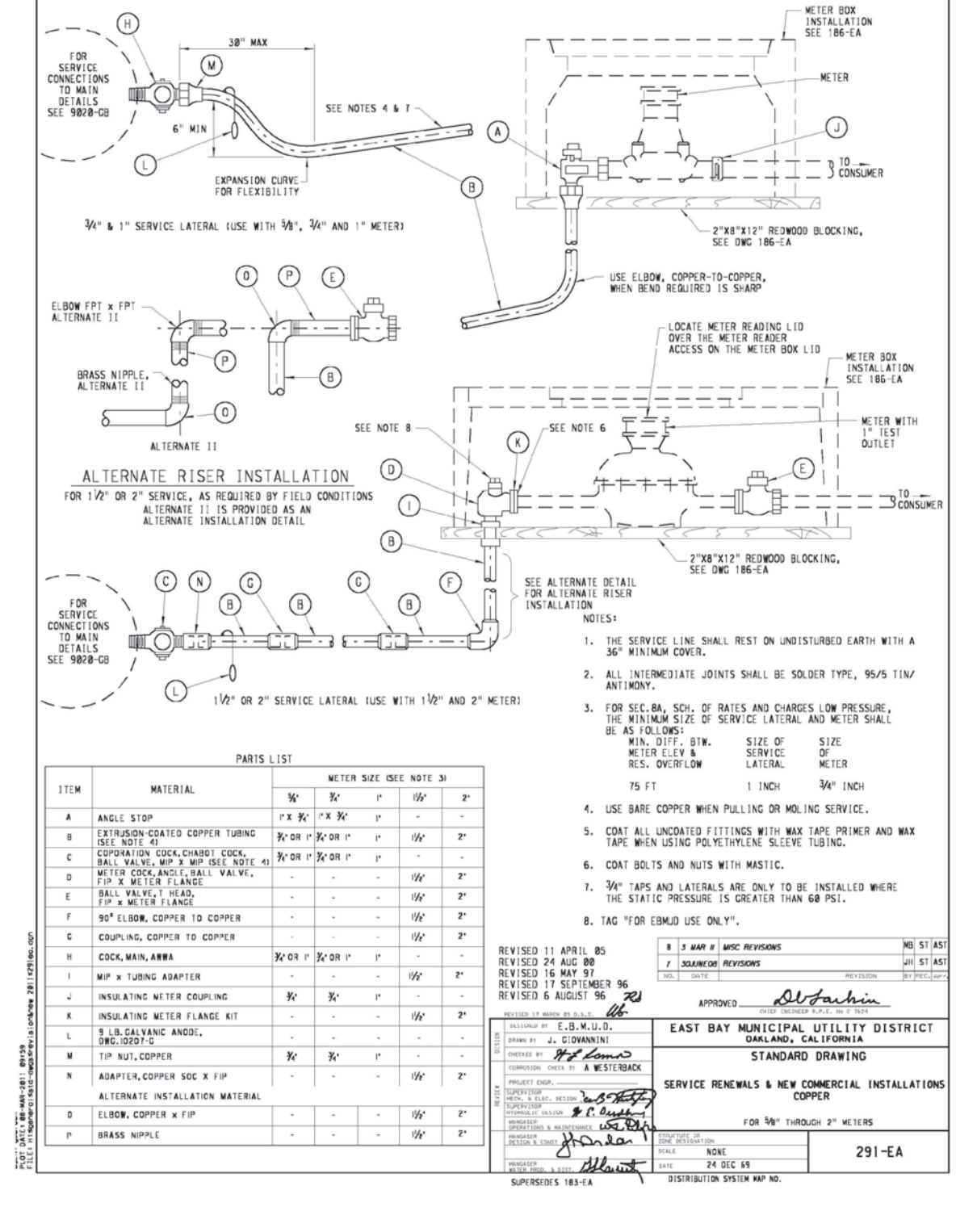
3 COVER FOR 8" VALVE POT
NOT TO SCALE



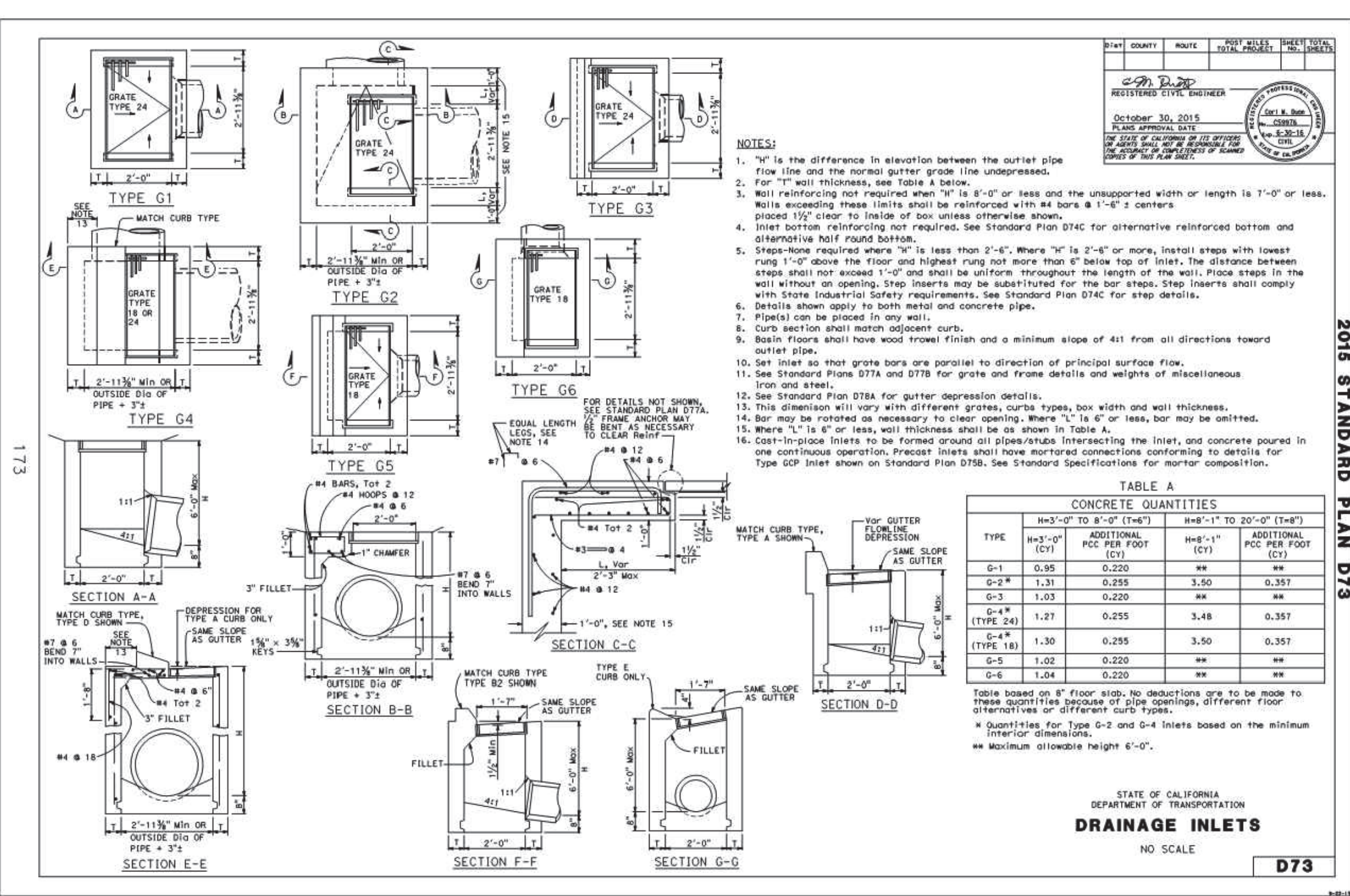
4 PIPE TRENCH EXCAVATION AND BACKFILL
NOT TO SCALE



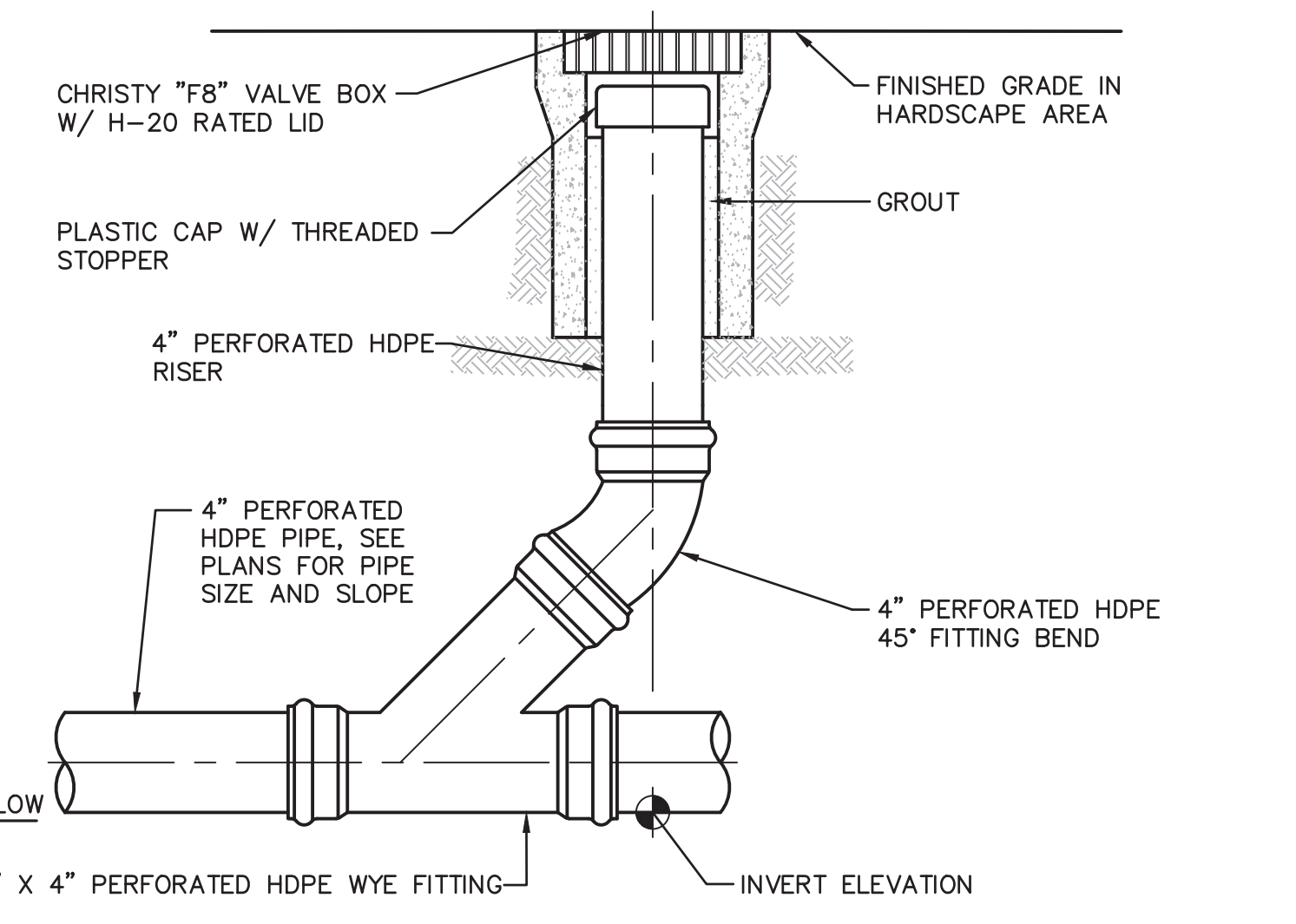
5 BACKFLOW PREVENTER ASSEMBLY
NOT TO SCALE



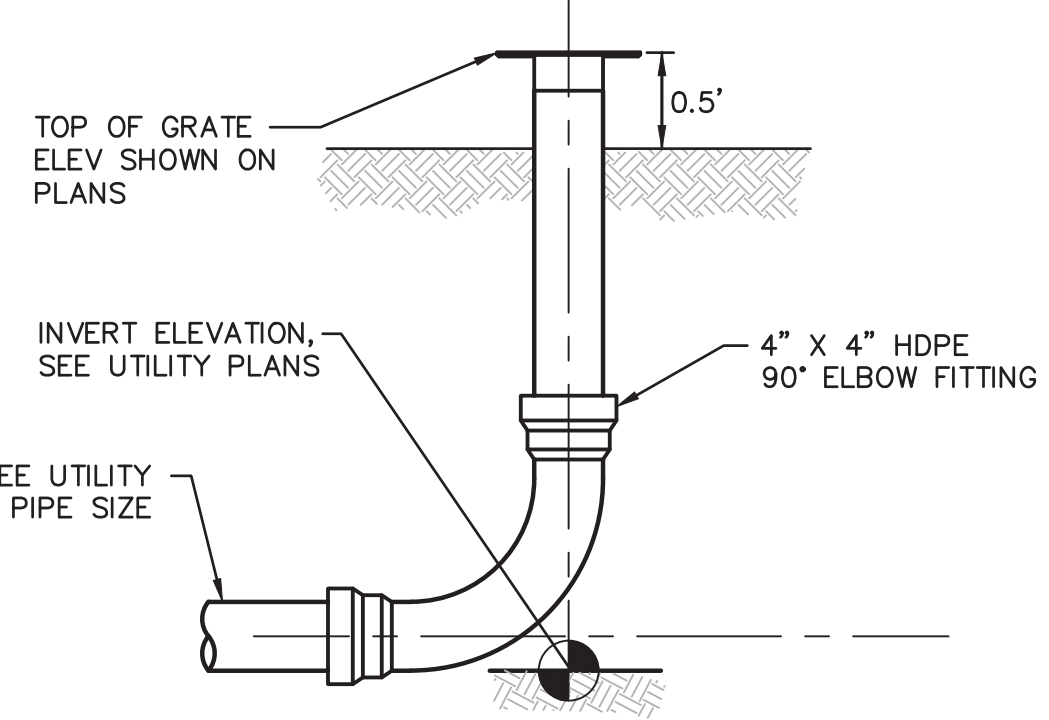
6 SERVICE RENEWALS & NEW COMMERCIAL INSTALLATIONS COPPER
NOT TO SCALE



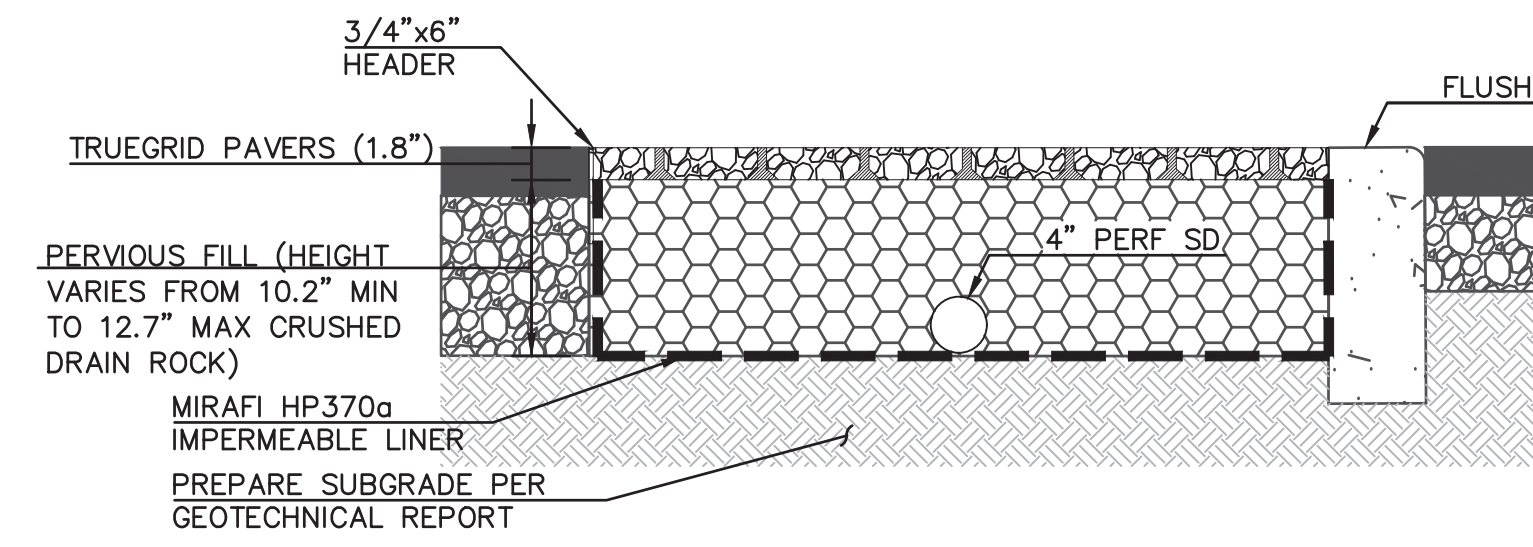
7 TYPE G1 CALTRANS DRAINAGE INLET
NOT TO SCALE



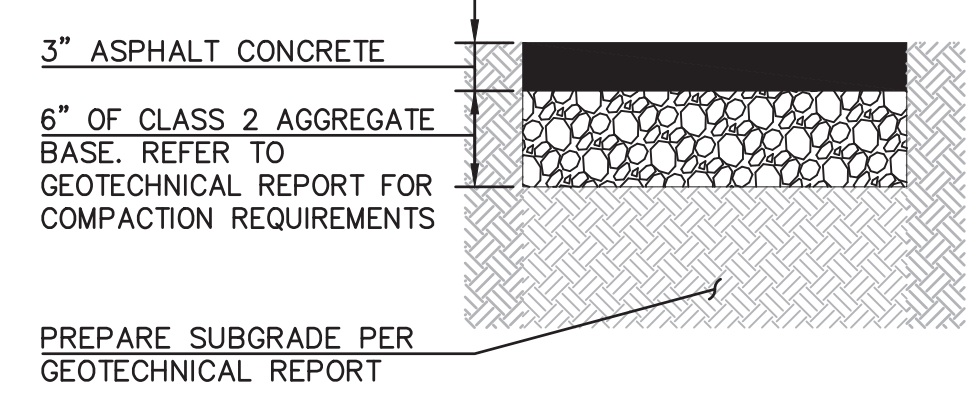
8 STORM DRAIN CLEANOUT
NOT TO SCALE



9 BUBBLE UP AREA DRAIN
NOT TO SCALE



10 TRUE GRID
NOT TO SCALE



11 AC SIDEWALK
NOT TO SCALE

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710
LANE PARTNERS, LLC 644 Marlin Avenue, 2nd Floor North Park, CA 94705 Tel 650.838.0100
LB2 PARTNERS Tel 415.845.7500 Fax 510.625.7499

Genster
2101 Webster Street Suite 200 Oakland, CA 94612 United States
Tel 510.825.7400 Fax 510.625.7499

BKF
255 Shoreline Drive Suite 200 Redwood City, CA 94065 United States
Tel 650.482.6300

△ Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

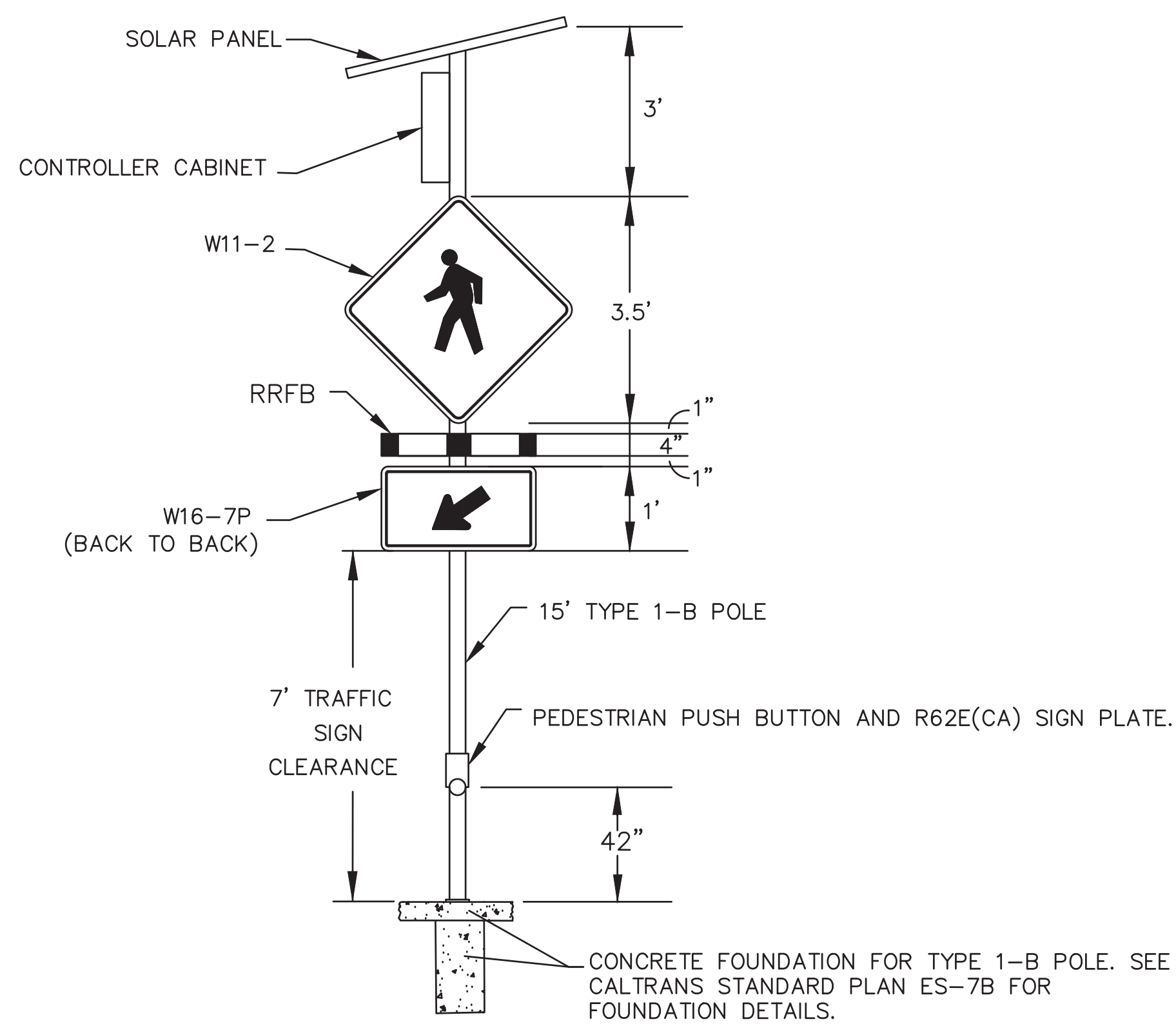
Project Name
BERKELEY COMMONS

Project Number
33.4462.000

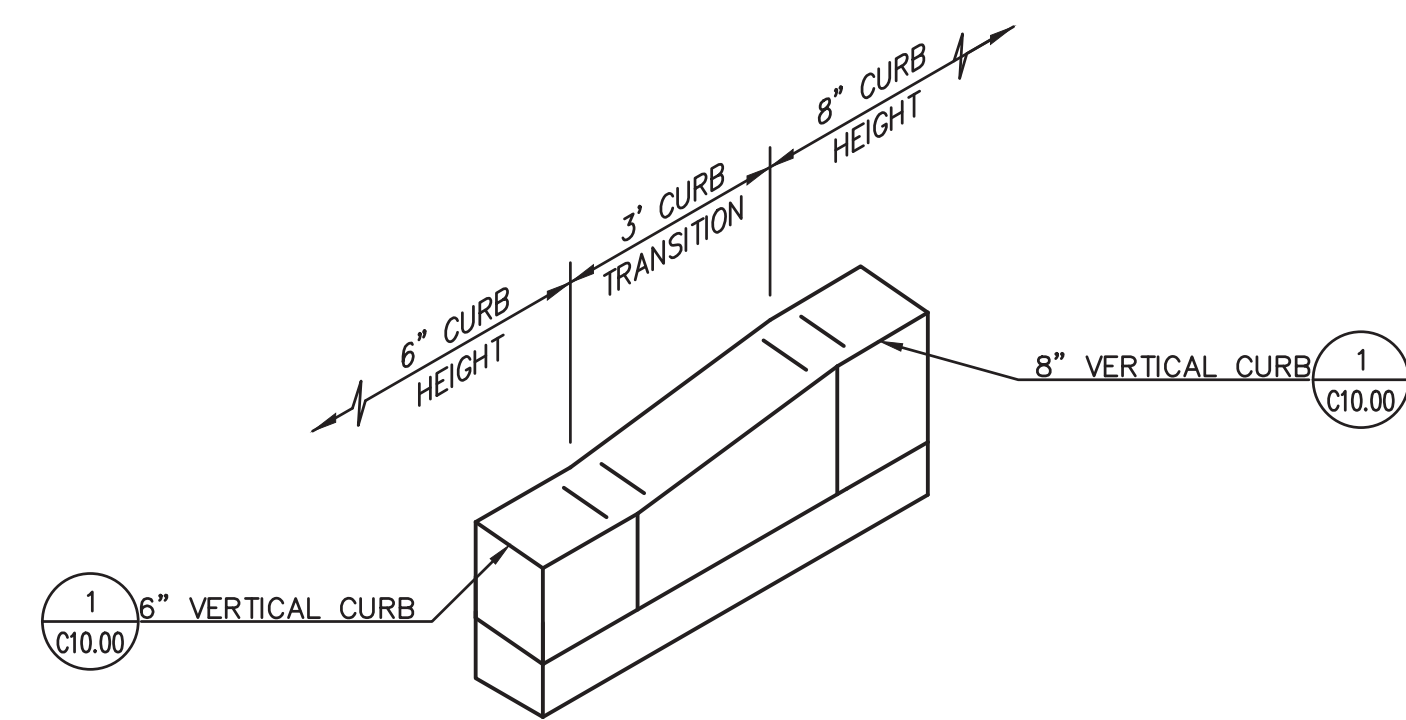
Description
DETAILS

Scale
NTS

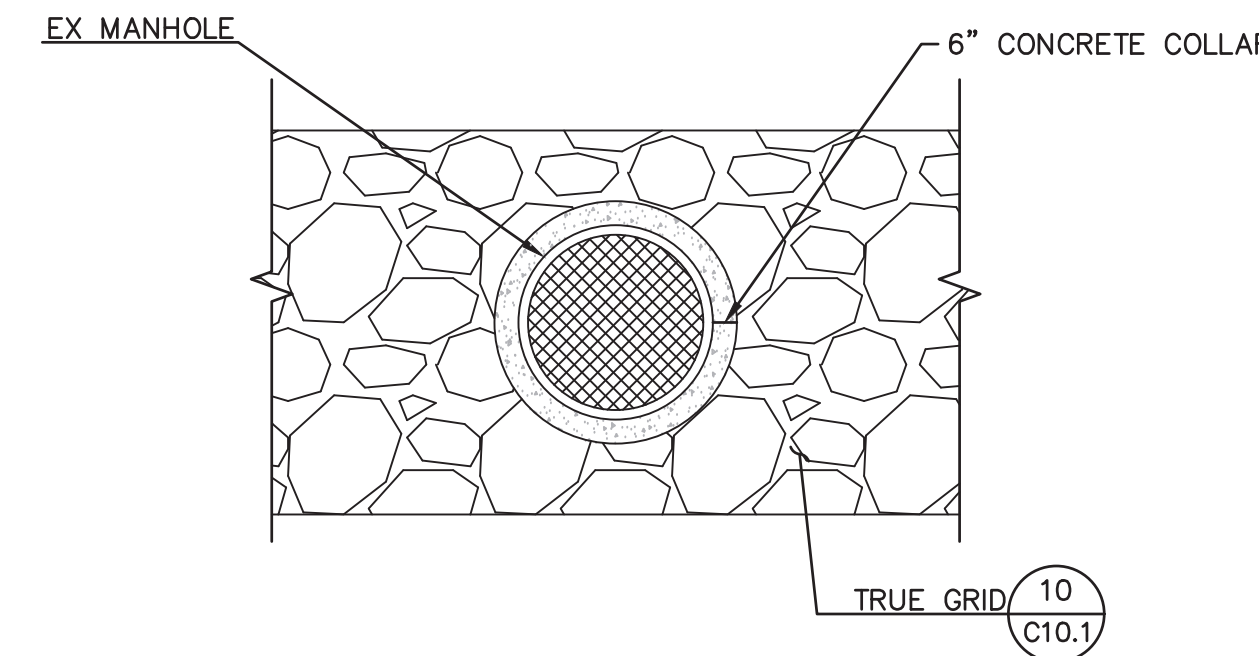
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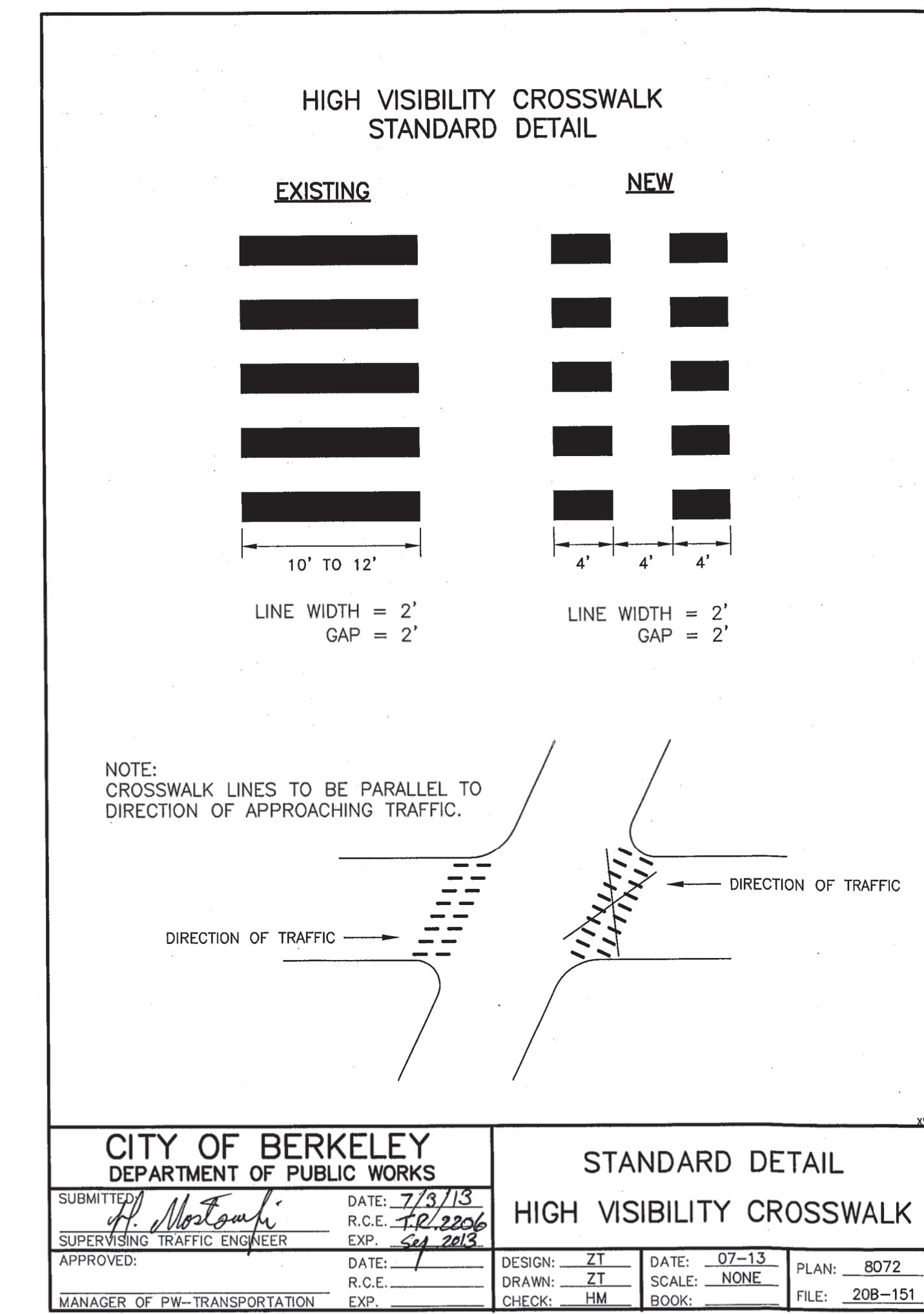
1 **RECTANGULAR RAPID FLASHING BEACON**
NOT TO SCALE



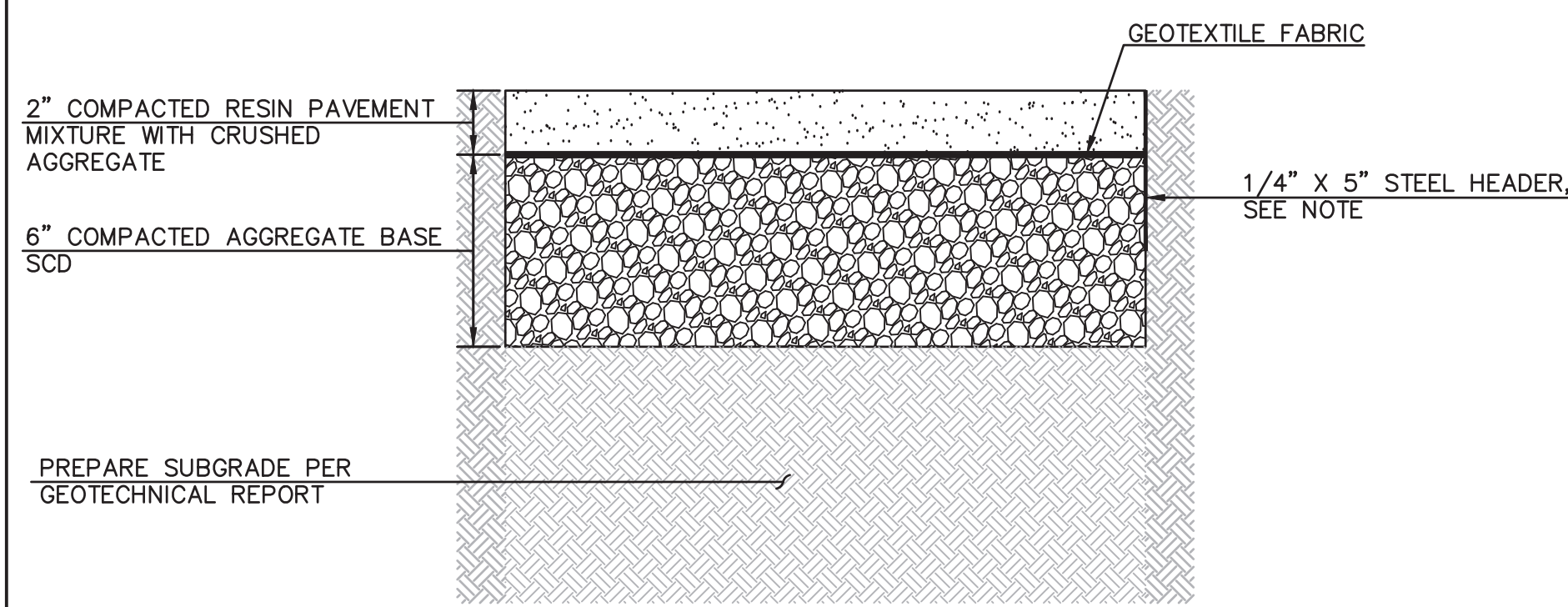
2 **TRANSITION CURB**
NOT TO SCALE



3 **MANHOLE CONCRETE COLLAR**
NOT TO SCALE



4 **TRIPLE FOUR PEDESTRIAN CROSSWALK MARKING**
NOT TO SCALE



5 **STABILIZED DECOMPOSED GRANITE**
NOT TO SCALE

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Mariposa Avenue, 2nd Floor
Meriden Park, CA 94025
Tel 650.838.0100

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Gensler

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Oakland, CA 94612
United States

Tel 510.825.7400
Fax 510.625.7499



255 Shoreline Drive
Suite 200
Redwood City, CA 94065
United States

Tel 650.482.6300

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



Seal / Signature
NOT FOR CONSTRUCTION

Project Name
BERKELEY COMMONS

Project Number
33.4462.000

Description
DETAILS

Scale
NTS

C10.2

LANDSCAPE DRAWINGS, NOTES, LEGENDS, SYMBOLS AND ABBREVIATIONS

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Oakland, CA 94612
Tel 650.838.0100

L&P PARTNERS
Tel 415.845.7500

Gensler

2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

TLS Landscape Architecture

Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 95710

Tel 510.624.3963
Fax 510.624.3963

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

GENERAL NOTES

- THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CODES, AND APPLICABLE REQUIREMENTS OF OTHER REGULATORY AGENCIES.
- UNLESS OTHERWISE SPECIFIED, SPECIFIC REFERENCES TO CODES, REGULATIONS, STANDARDS, MANUFACTURERS' INSTRUCTIONS, OR REQUIREMENTS OF REGULATORY AGENCIES, WHEN USED TO SPECIFY REQUIREMENTS FOR MATERIALS OF DESIGN ELEMENTS SHALL MEAN THE LATEST EDITION OF EACH IN EFFECT AT THE DATE OF SUBMISSION OF BIDS, OR THE DATE OF THE CHANGE ORDER OR FIELD ORDERS, AS APPLICABLE.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS ARE TO CONSTRUCT THE WORK INDICATED ON THE LANDSCAPE DRAWINGS IN ACCORDANCE WITH A.D.A. AND CALIFORNIA ACCESSIBILITY STANDARDS.
- REPORT DISCREPANCIES IN DRAWINGS OR SPECIFICATIONS TO THE LANDSCAPE ARCHITECT FOR CLARIFICATIONS AND ADJUSTMENTS BEFORE COMMENCING WORK. ANY DEVIATIONS OR CHANGES IN THESE DRAWINGS WITHOUT WRITTEN ACCEPTANCE OF THE LANDSCAPE ARCHITECT SHALL ABSOLVE THE LANDSCAPE ARCHITECT OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION AND CHANGE.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- REFER TO CIVIL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE LANDSCAPE ARCHITECT AT THE TIME OF PREPARATION OF THESE PLANS. LOCATION MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY AND COMPLETENESS OF THE INFORMATION SHOWN. THE EXACT LOCATION AND ELEVATION OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR.
- OBTAIN ACCEPTANCE OF HORIZONTAL ALIGNMENT OF ELEMENTS IN THE FIELD FROM CIVIL ENGINEER OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION
- PROTECT EXISTING WATER, SEWER, DRAINAGE, ELECTRICAL, DATA AND TELEPHONE MAINLINES AND SERVICES THAT ARE TO REMAIN IN PLACE FROM DAMAGE.
- IF LIVE UTILITIES ARE ENCOUNTERED, NOT INDICATED PREVIOUSLY, PROTECT THE SAME FROM DAMAGE AND IMMEDIATELY NOTIFY THE OWNER AND THE AFFECTED UTILITY PROVIDER. DO NOT PROCEED UNTIL FURTHER INSTRUCTIONS ARE RECEIVED.
- REVIEW ALL LAYOUT WITHIN TREE DRIPLINE OF EXISTING TREES WITH CITY URBAN FORESTER PRIOR TO CONSTRUCTION.
- ANY TREE OR NESTING SURVEYS TO BE PERFORMED BY CITY. ANY STUDIES TO BE BY CITY. THE CITY WILL DETERMINE WHAT, IF ANY, STUDIES ARE DESIRED AND TO BE PERFORMED AT THEIR OWN ELECTION.
- EXISTING FENCES PERPENDICULAR TO LAGOON; FIELD VERIFY CONDITION. PATCH AND REPAIR DAMAGED PORTIONS OF FENCE TO MATCH EXISTING. FENCE REPAIR WITHIN 2' OF SEA WALL/HIGH WATER LEVEL IS N.I.C AND TO BE BY TENANT. PRIOR TO PROCEEDING CONFIRM DIRECTION WITH CITY ON INSTALLING NEW OR LEAVING EXISTING FENCES.
- SECURITY FENCES ALONG BOLIVAR DRIVE: DESIGN-BUILD ENGINEERED SYSTEM. THE SYSTEM TO INCLUDE 6' HEIGHT BLACK STEEL PICKET FENCE INFILL OPTION WITH PEDESTRIAN AND 1/2' OPENING VEHICULAR GATES AS SHOWN ON DRAWING PLANS AND DETAILS. VEHICULAR GATES TO ALLOW FOR MOTORIZED OPERATION. BASIS OF DESIGN IS AMETCO EAGLE 048-134 SYSTEM. SHOP DRAWINGS TO BE SUBMITTED STAMPED BY ENGINEER. PRIOR TO PROCEEDING CONFIRM DIRECTION WITH CITY ON INSTALLING NEW OR LEAVING EXISTING FENCES.

ABBREVIATIONS

@	AT	MFR	MANUFACTURER
AC	ASPHALTIC CONCRETE	MH	MANHOLE
AD	AREA DRAIN	MIN	MINIMUM
ADRE	AREA DRAIN RIM ELEVATION	MM	MILLIMETERS
ARCH	ARCHITECT	(N)	NEW
B&B	BALL AND BURLAP	NIC	NOT IN CONTRACT
BC	BOTTOM OF CURB	NTS	NOT TO SCALE
BF	BOTTOM OF FENCE	OC	ON CENTER
BLDG	BUILDING	OCEW	ON CENTER EACH WAY
BR	BOTTOM OF RAMP	OD	OUTSIDE DIAMETER
BS	BOTTOM OF STEP	OPP	OPPOSITE
BSW	BACK OF SIDEWALK	PA	PLANTING AREA
BW	BOTTOM OF WALL	PD	PLANTING DRAIN
CAL	CALIPER	PE	PEDESTRIAN
CB	CATCH BASIN	PERF	PERFORATED
CH	CONCRETE HEADER	POC	POINT OF CONNECTION
CJ	CONTROL JOINT	PT	POINT OF TANGENCY
CL	CENTER LINE	R	RADIUS
CLR	CLEARANCE	RB	ROOT BARRIER
CMU	CONCRETE MASONRY UNIT	RGB	ROUNDED GRADE BREAK
CO	CLEAN OUT	RIM	RIM ELEVATION
COJ	CONSTRUCTION JOINT	ROW	RIGHT OF WAY
CONC	CONCRETE	SAD	SEE ARCHITECTURAL DRAWINGS
CONT	CONTINUOUS	SCD	SEE CIVIL DRAWINGS
CP	CENTER POINT	SD	STORM DRAIN
DP	DROP INLET	SED	SEE ELECTRICAL DRAWINGS
DIA	DIAMETER	SG	SUBGRADE
DN	DOWN	SH	STEEL HEADER
(E)	EXISTING	SHP	SWALE FLOWLINE HIGH POINT
EA	EACH	SIM	SIMILAR
EF	EACH FACE	SJ	SCORE JOINT
EG	EXISTING GRADE	SPD	SEE PLUMBING DRAWING
EJ	EXPANSION JOINT	SS	STAINLESS STEEL
EL	ELEVATION	SSD	SEE STRUCTURAL DRAWINGS
ENGR	ENGINEER	STL	STEEL
EP	EDGE OF PAVEMENT	TA	TOP OF RETENTION ANGLE
EQ	EQUAL	TB	TOP OF BENCH
EW	EACH WAY	TC	TOP OF CURB
EX	EXISTING	TG	TOP OF GUTTER
FFE	FINISH FLOOR ELEVATION	TF	TOP OF FOOTING
FG	FINISHED GRADE	TH	TOP OF HEADER
FH	FIRE HYDRANT	TPTL	TREE PLANTING TRENCH LIMIT
FL	FLOW LINE	TOB	TOP OF BERM
FOC	FACE OF CURB	TOE	TOE OF BERM
FOW	FACE OF WALL	TOF	TOP OF FENCE
FS	FINISH SURFACE	TOFG	TOP OF FOOTING
GB	GRADE BREAK	TOP	TOP OF POST
GJ	GROUT JOINT	TR	TOP OF RAMP
H	HANDICAP PARKING STALL	TS	TOP OF STEP
HC	HANDICAP	TSH	TOP OF STEEL HEADER
HDR	HEADER	TW	TOP OF WALL
HH	HANDHOLE	TYP	TYPICAL
HP	HIGH POINT	UFC	UNIFORM FIRE CODE
HV	HANDICAP VAN PARKING STALL	V	VOID STACK
ID	INSIDE DIAMETER	VEH	VEHICULAR
IE	INVERT ELEVATION	VIF	VERIFY IN FIELD
INV	INVERT ELEVATION	WWF	WELDED WIRE FABRIC
LOW	LIMIT OF WORK	WPM	WATER-PROOF MEMBRANE
LP	LOW POINT		
MAX	MAXIMUM		
MEC	MATCH EXISTING CONDITION		

MATERIAL LEGEND

	STABILIZED DG
	PLANTING AREA
	BARK MULCH
	CONCRETE
	TIMBER BENCH WITHOUT BACK
	BENCH WITH BACK
	DOG FENCE
	SECURITY FENCE
	SECURITY FENCE VEHICULAR GATE
	STEEL HEADER
	BBQ STAND
	TRASH RECEPTACLE
	PICNIC TABLE SET
	DRINKING FOUNTAIN
	BIKE RACK

SOIL LEGEND

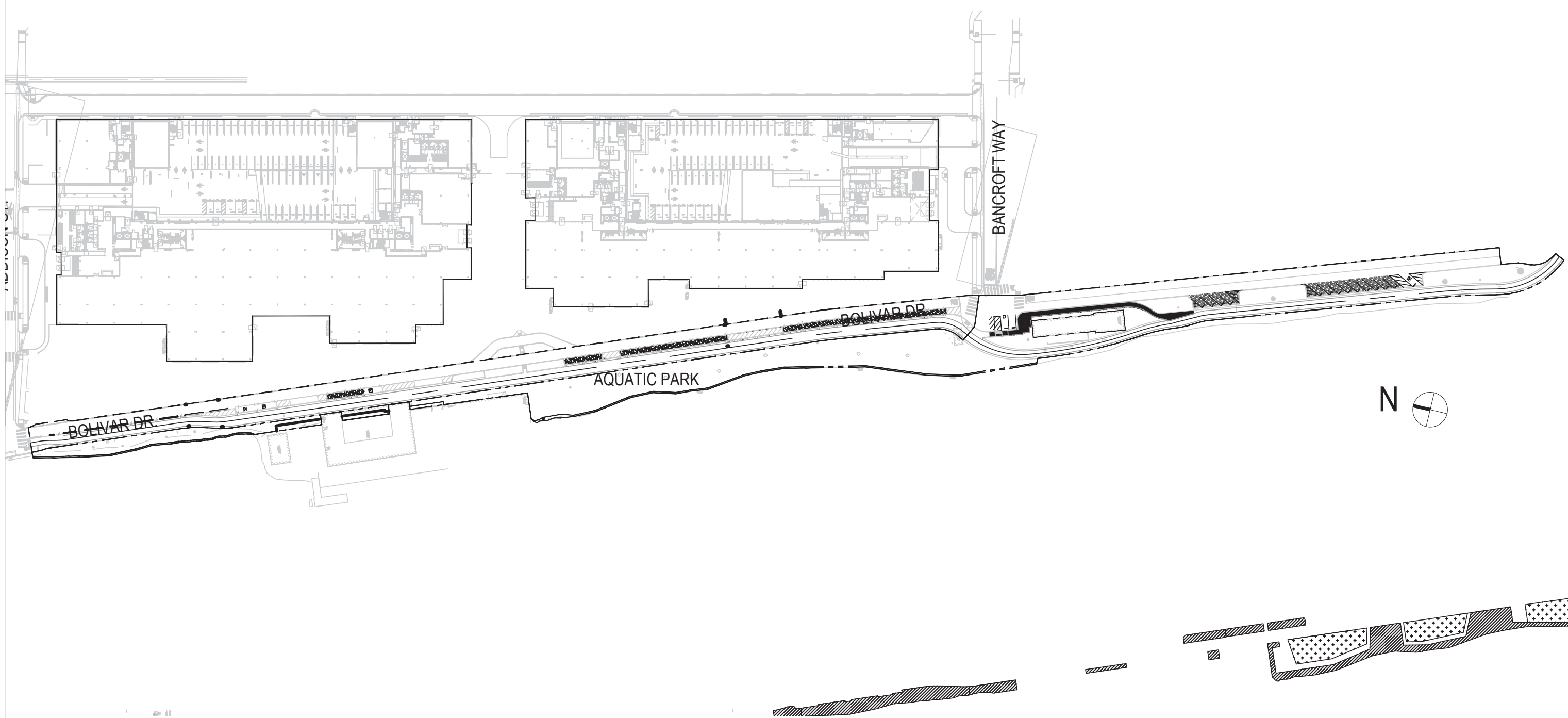
	PLANTING SOIL MIX - PLACE 3" LAYER OF ORGANIC COMPOST AND THOROUGHLY BLEND TO 8" DEPTH INTO EXISTING SOIL FOR HOMOGENEOUS MIX. (AT SHRUB AND PERENNIAL AREAS)
	PLANTING SOIL MIX - PLACE 1" LAYER OF ORGANIC COMPOST AND THOROUGHLY BLEND TO 6" DEPTH INTO EXISTING SOIL FOR HOMOGENEOUS MIX. (AT LAWN)

DO NOT DISTURB ROOTS OF EXISTING TREES TO REMAIN. ONLY AMEND PLANT PIT OF INDIVIDUAL NEW PLANTS TO BE INSTALLED.

SHEET LIST

Sheet List Table		
Sheet Number	Sheet Title	Scale
L0.00	Landscape Sheet Index, Notes, Legends, Symbols, Abbreviations	AS SHOWN
L0.01	Illustrative Plan	1"=60'
L0.03A	Tree Protection Plan	1"=40'
L0.03B	Tree Protection Notes	AS SHOWN
L0.4.01	AREA ID PLAN 1	1"=10'
L0.4.02	AREA ID PLAN 2	1"=10'
L0.4.03	AREA ID PLAN 3	1"=10'
L0.4.04	AREA ID PLAN 4	1"=10'
L0.4.05	AREA ID PLAN 5	1"=10'
L0.4.06	AREA ID PLAN 6	1"=10'
L0.4.07	AREA ID PLAN 7	1"=10'
L1.1.01	LAYOUT PLAN 1-1 & PLAN 1-2	1"=5'
L1.1.02	LAYOUT PLAN 2-1 & PLAN 2-2	1"=5'
L1.1.03	LAYOUT PLAN 3-1 & PLAN 3-2	1"=5'
L1.1.04	LAYOUT PLAN 4	1"=5'
L1.1.05	LAYOUT PLAN 5	1"=5'
L1.2.01	MATERIAL PLAN 1	1"=10'
L1.2.02	MATERIAL PLAN 2	1"=10'
L1.2.03	MATERIAL PLAN 3	1"=10'
L1.2.04	MATERIAL PLAN 4	1"=10'
L1.2.05	MATERIAL PLAN 5	1"=10'
L1.2.06	MATERIAL PLAN 6	1"=10'
L1.2.07	MATERIAL PLAN 7	1"=10'
L1.3.01	SOIL PLAN 1-1 & PLAN 1-2	1"=10'
L1.3.02	SOIL PLAN 2-1 & PLAN 2-2	1"=10'
L1.3.03	SOIL PLAN 3	1"=10'
L1.3.04	SOIL PLAN 4-1 & PLAN 4-2	1"=10'
L1.4.00	PLANTING LEGEND AND NOTES	AS SHOWN
L1.4.01	PLANTING PLAN 1-1 & PLAN 1-2	1"=5'
L1.4.02	PLANTING PLAN 2-1 & PLAN 2-2	1"=5'
L1.4.03	PLANTING PLAN 3	1"=5'
L1.4.04	PLANTING PLAN 4	1"=5'
L1.4.05	PLANTING PLAN 5	1"=5'
L1.4.06	PLANTING PLAN 6	1"=5'
L1.4.07	PLANTING PLAN 7	1"=5'
L1.4.08	PLANTING PLAN 8-1 & PLAN 8-2	1"=5'
L1.4.09	PLANTING PLAN 9	1"=5'
L1.5.00	IRRIGATION NOTES AND LEGEND	NOT INCLUDED
L1.5.01	IRRIGATION PLAN AREA 1	NOT INCLUDED
L1.5.02	IRRIGATION PLAN AREA 2	NOT INCLUDED
L1.5.03	IRRIGATION PLAN AREA 3	NOT INCLUDED
L1.5.04	IRRIGATION PLAN AREA 4	NOT INCLUDED
L1.5.05	IRRIGATION PLAN AREA 5	NOT INCLUDED
L1.5.06	IRRIGATION PLAN AREA 6	NOT INCLUDED
L1.5.07	IRRIGATION PLAN AREA 7	NOT INCLUDED
L1.5.08	IRRIGATION PLAN AREA 8	NOT INCLUDED
L1.5.09	IRRIGATION PLAN AREA 9	NOT INCLUDED
L1.5.10	IRRIGATION DETAILS	NOT INCLUDED
L3.1.01	LAYOUT ENLARGEMENT PLAN - CONCRETE JOINTS	1/4"=1'-0"
L3.3.01	LAYOUT ENLARGEMENT PLAN - F11-14 & F21-22	1/4"=1'-0"
L3.3.02	LAYOUT ENLARGEMENT PLAN - F22-24, F31-35 & F41-43	1/4"=1'-0"
L3.3.03	LAYOUT ENLARGEMENT PLAN - F43 & F44	1/4"=1'-0"
L5.01	SITE SECTIONS	1/4"=1'-0"
L8.1.01	PAVING DETAILS	AS SHOWN
L8.1.02	PAVING DETAILS - JOINTS	AS SHOWN
L8.3.01	FENCE DETAILS	AS SHOWN
L8.3.02	HEADER DETAILS	AS SHOWN
L8.5.01	TIMBER BENCH DETAILS	AS SHOWN
L8.7.01	PLANTING DETAILS	AS SHOWN
L8.7.02	PLANTING DETAILS	AS SHOWN
L8.9.01	SITE FURNISHING DETAILS	AS SHOWN

CONTEXT PLAN



GENERAL - ALL SHEETS

	CENTERLINE
	ENLARGED PLAN AREA
	SECTION/ELEVATION DETAIL
	DETAIL NUMBER
	SHEET NUMBER
	ALIGN
	1:1 SLOPE
	BREAK LINE
	REVISION CLOUD
	ELEVATION
	DIMENSION
	RADIUS
	PROPERTY LINE
	LIMIT OF WORK

PLANTING LEGEND

SEE SHEET L1.4.00 FOR PLANTING LEGEND AND NOTES

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

LANDSCAPE SHEET INDEX, NOTES, LEGENDS, SYMBOLS, ABBREVIATIONS

Scale

NTS

L0.00

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel: 650.838.0100

LB2 PARTNERS
Tel: 415.845.7500

Gensler

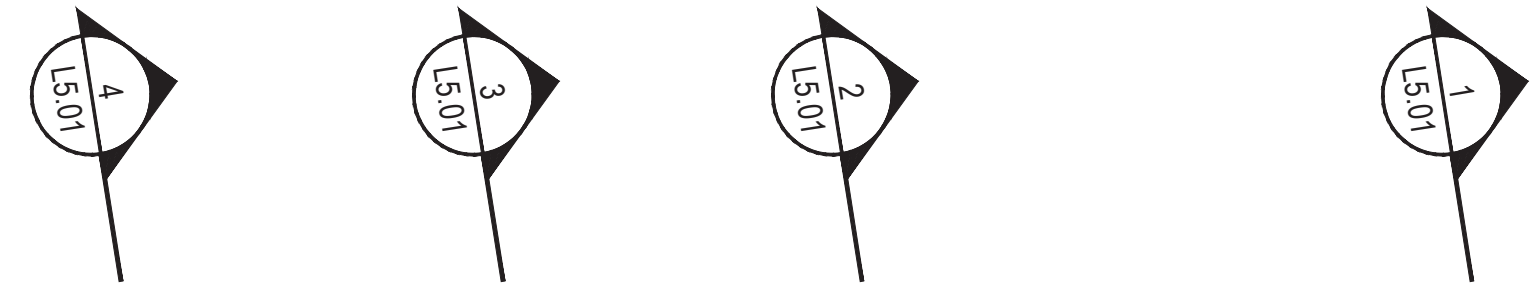
2101 Webster Street
Suite 2000
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United States

Tel: 510.625.7400
Fax: 510.625.7499

TLS Landscape Architecture

Tom Leader Studio Inc.
1015 Cannella Street
Berkeley, CA 95710

Tel: 510.524.3363
Fax: 510.524.3863



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05.01.2023	100% SUBMISSION

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Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

ILLUSTRATIVE PLAN

Scale
1"=60'

L0.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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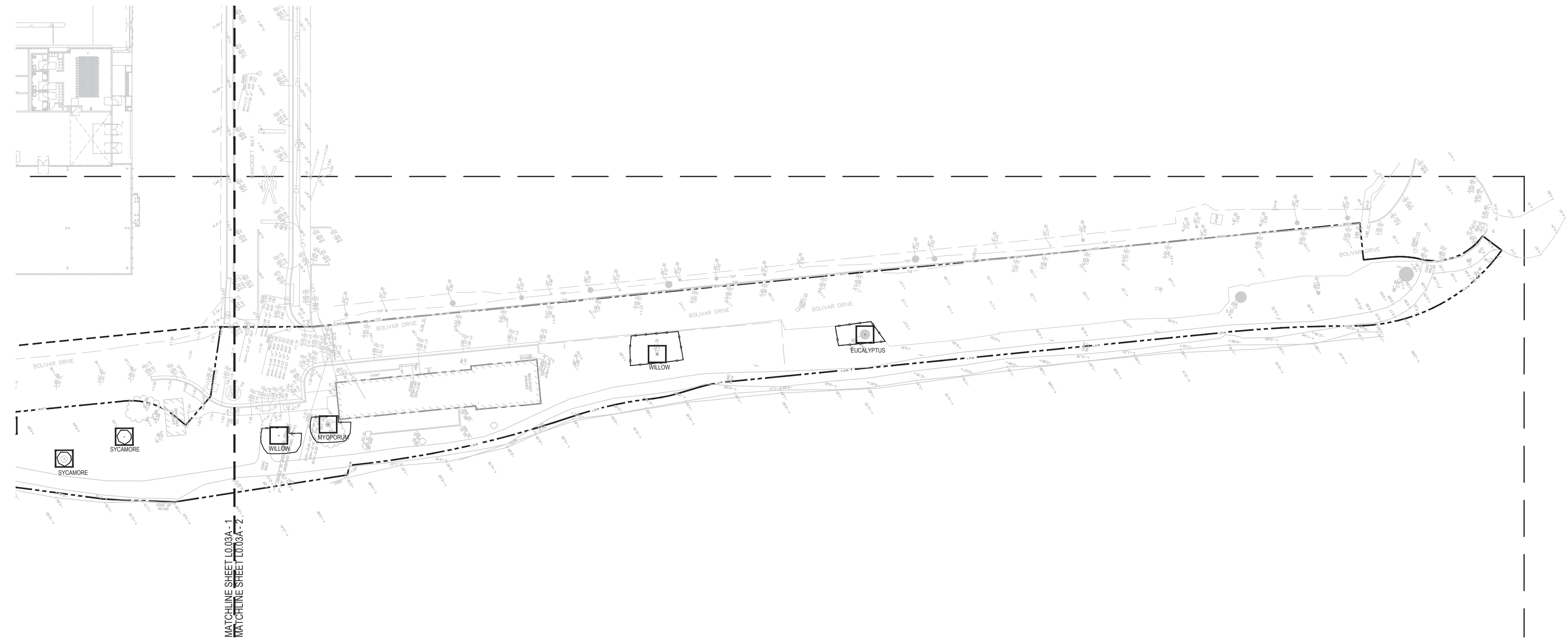
Tel 510.524.3363
Fax 510.524.3863

TREE PROTECTION LEGEND

-  EXISTING TREE TO PROTECT
-  TREE PROTECTION FENCE

NOTES:

1. REFER TO SHEET L0.03B FOR TREE PROTECTION NOTES AND DETAILS.
2. THIS PLAN IS DIAGRAMMATIC. THIS SHOULD ONLY BE USED FOR GENERAL CONCEPTUAL COORDINATION ON THE PROJECT. THE TREES TO BE PROTECTED SHOWN ON THE DRAWINGS CANNOT BE USED FOR DIMENSIONAL ACCURACY. THE LANDSCAPE ARCHITECT CANNOT CONFIRM ACCURACY OF THIS INFORMATION.
3. REFER TO SHEET L0.00 FOR GENERAL NOTES AND ABBREVIATIONS.



2 TREE PROTECTION PLAN
SCALE: 1"=40'

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Seal / Signature

NOT FOR CONSTRUCTION

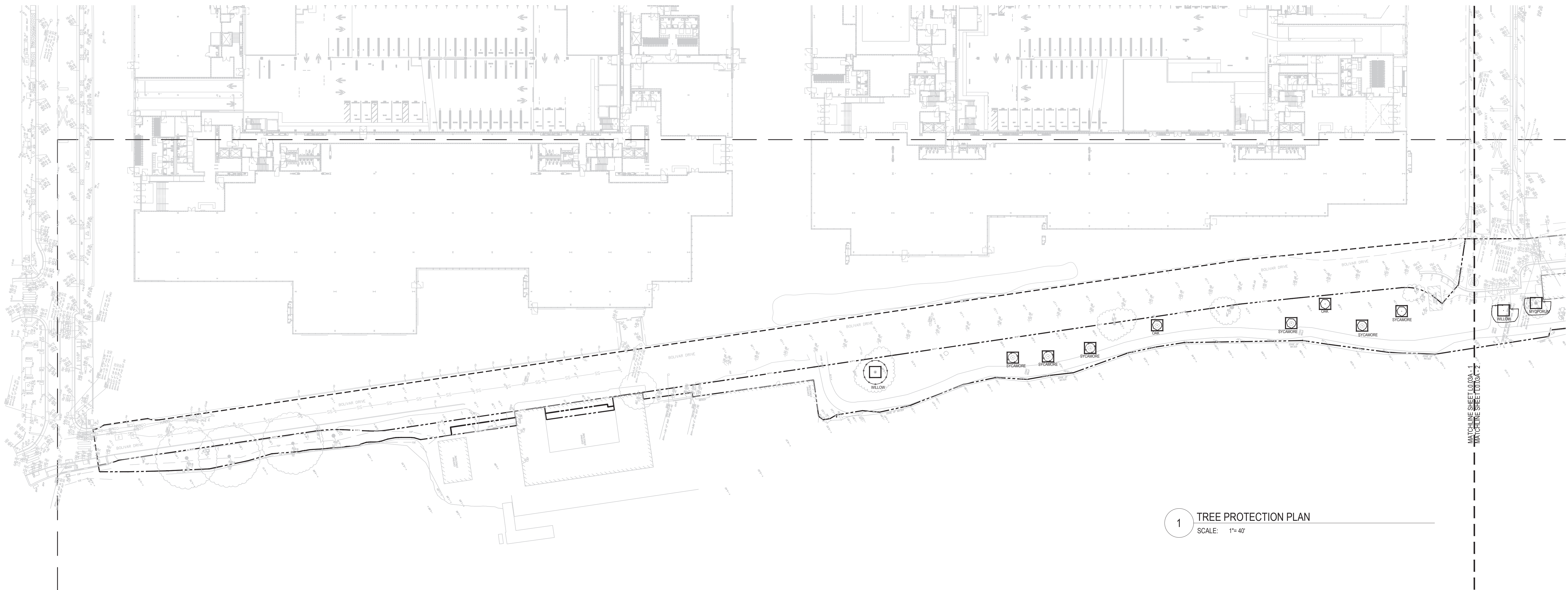
Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
TREE PROTECTION PLAN

Scale
1"=40'

L0.03A



1 TREE PROTECTION PLAN
SCALE: 1"=40'

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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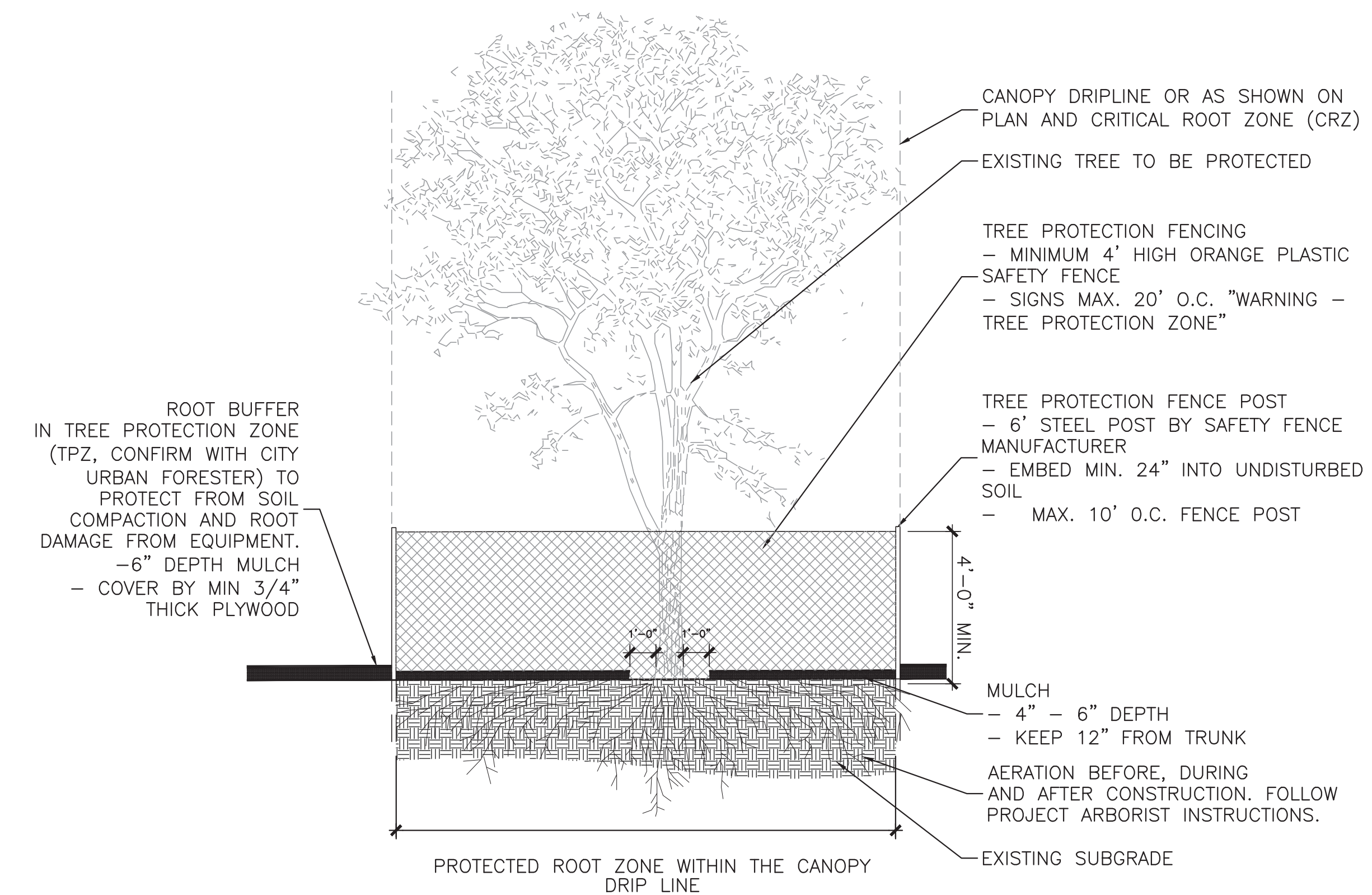
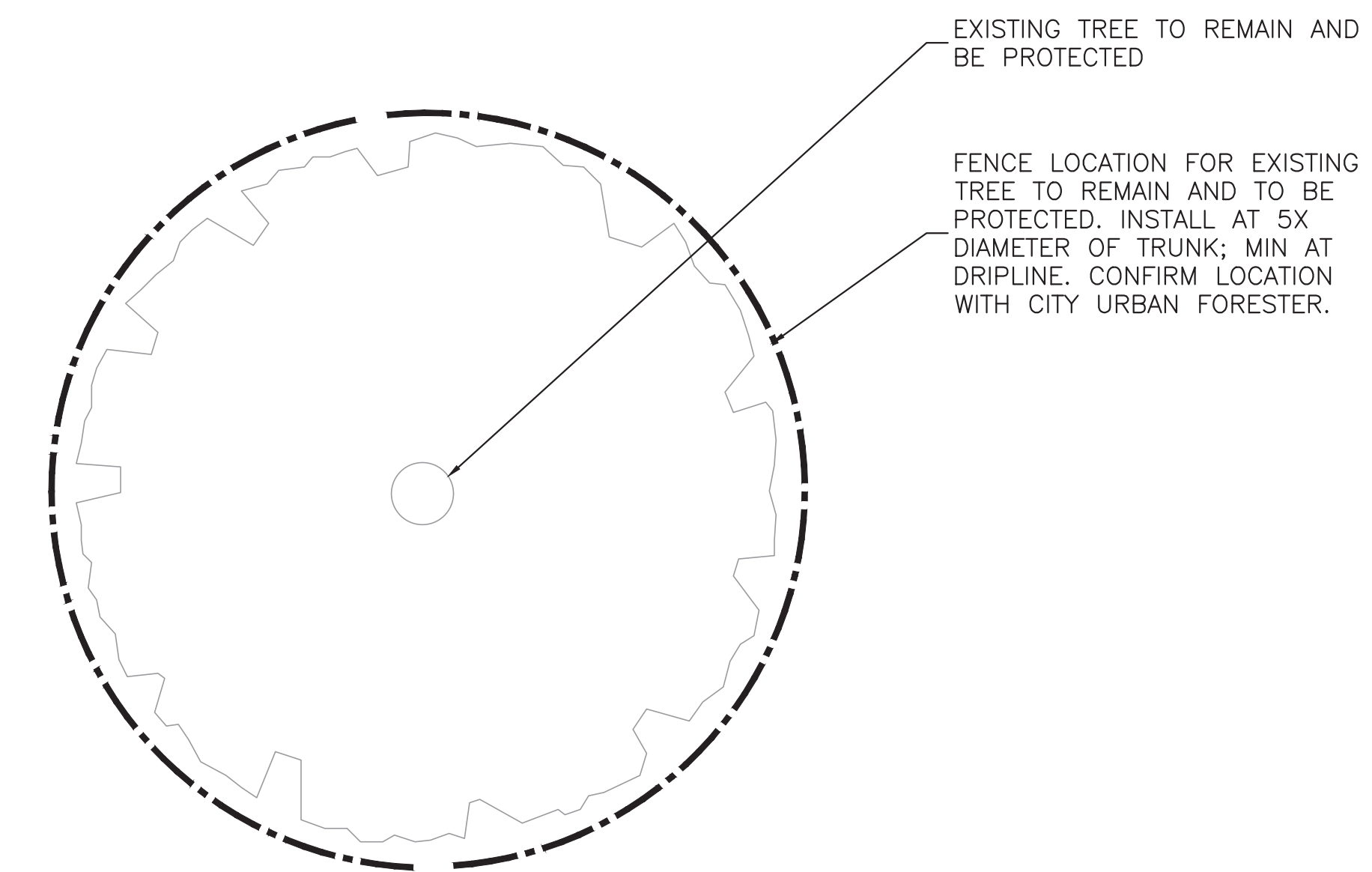
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TREE PROTECTION NOTES:

1. PROJECT CERTIFIED ARBORIST NOTED HEREIN REFERS TO CITY OF BERKELEY URBAN FORESTER.
2. ARRANGE A MEETING WITH OWNER'S REPRESENTATIVE AND CITY URBAN FORESTER BEFORE BEGINNING WORK TO REVIEW SCHEDULE, PROCEDURES AND TREES' STATUS. .
3. THE TREE PROTECTION ZONE IS DEFINED AS THE AREA FROM THE TRUNK OUT TO MINIMUM 10 X THE TREE TRUNK DIAMETER BEYOND THE TRUNK, OR AS OTHERWISE SHOWN. A TREE'S CRITICAL ROOT ZONE IS DEFINED AS THE AREA FROM THE TRUNK TO MINIMUM 5X THE DIAMETER OF THE TREE TRUNK BEYOND THE TRUNK, OR AS OTHERWISE DIRECTED BY THE PROJECT ARBORIST.
4. PROTECTIVE FENCING SHALL CONFORM TO THE FOLLOWING GUIDELINES.
 - A. INSTALL FENCE AT THE OUTER EDGE OF THE CRITICAL ROOT ZONE OR AS DIRECTED BY PROJECT ARBORIST. USE PRECISE MEASUREMENT FOR FENCE LOCATIONS AND MEASUREMENTS MUST BE WITHIN 6 INCHES. LIMITS OF THE FENCING SHOWN ON THE PLANS ARE DIAGRAMMATIC, AND THE ACTUAL LIMITS MUST BE DEFINED IN THE FIELD WITH THE PROJECT ARBORIST.
 - B. INSTALL TREE PROTECTION FENCING PRIOR TO ANY DEMOLITION ACTIVITY. MAINTAIN IT IN AN UPRIGHT POSITION THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES AND UNTIL THE FINAL COMPLETION WALK.
 - C. WHERE WORK FALLS WITHIN TREE PROTECTION FENCE, WRAP TREES WITH 2"X4" PLANKS SET VERTICALLY EDGE-TO-EDGE AROUND THE TRUNK OVER A MINIMUM OF 4 LAYERS OF ORANGE PLASTIC SNOW FENCING AND WRAPPED WITH 4 ADDITIONAL LAYERS OF ORANGE MESH OVER THE PLANKS. MAINTAIN TRUNK WRAPPING FOR THE DURATION OF THE PROJECT. AS AN ALTERNATE, WRAP MAY BE DONE WITH STRAW WATTLE WRAP PER PROJECT CERTIFIED ARBORIST INSTRUCTIONS.
 - D. REMOVE BY HAND ANY TURF, LANDSCAPE, AND HARDSCAPE WITHIN TREE PROTECTION FENCE.
4. PROTECT OVERHANGING TREE CANOPIES FROM CONSTRUCTION DAMAGE.
5. WATERING.
 - A. HAND WATER FROM WATERING TANK AS DIRECTED BY PROJECT ARBORIST.
 - B. CONTINUE HAND WATERING UNTIL PERMANENT IRRIGATION IS INSTALLED AT THE FINAL LANDSCAPING PHASES OF THE PROJECT.
7. TWICE A MONTH, MONITOR THE TREES TO BE PROTECTED. WATER AS RECOMMENDED BY PROJECT ARBORIST DURING THE COURSE OF CONSTRUCTION.
8. MULCH SHALL CONFORM TO THE FOLLOWING.
 - A. INSIDE THE TREE PROTECTION FENCING, PLACE A TOTAL DEPTH OF 4-INCH TO 6-INCH LAYER OF MULCH, KEEPING A 12-INCH DISTANCE AROUND EACH TRUNK FREE OF MULCH. MULCH DEPTH TO INCLUDE 2-INCH UNPAINTED, UNTREATED WOOD CHIP MULCH AS NEEDED TO REACH TOTAL 6-INCH DEPTH. INSTALL MULCH PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY.
10. LIMIT COMPACTION OF SOIL OVER EXISTING TREE ROOTS WITHIN ROOT BUFFER ZONE.
11. CONTACT THE OWNER'S REPRESENTATIVE AND PROJECT ARBORIST IF SIGNIFICANT ROOTS GREATER THAN 4" DIAMETER ARE FOUND CONFLICTING WITH CONSTRUCTION.
12. ALL TRENCHING SHALL CONFORM TO THE FOLLOWING GUIDELINES.
 - A. THE PROJECT ARBORIST IS REQUIRED TO BE PRESENT TO OBSERVE ANY TRENCHING, DIGGING OR EXCAVATION OF ANY KIND WITHIN THE TREE PROTECTION ZONE.
 - B. DO NOT SEVER ROOTS LARGER THAN 2 INCHES IN DIAMETER WITHOUT CALLING THE PROJECT ARBORIST FOR CUTTING OR FOR REVIEW.
 - C. TUNNEL OR BORE UNDER ROOTS RATHER THAN PRUNING ROOTS WHERE POSSIBLE.
 - D. AVOID DIGGING WITHIN A TREE PROTECTION ZONE. IF IT IS NECESSARY, USE HAND DIGGING FOR ANY TRENCHING UNLESS OTHERWISE APPROVED BY THE PROJECT ARBORIST.
 - E. ALL ROOTS THAT NEED TO BE CUT SHALL BE PRUNED CLEANLY, NOT TORN.
13. DO NOT
 - A. STORE, PARK OR TEMPORARILY PLACE CONSTRUCTION MATERIALS, EQUIPMENT, OR PERSONAL VEHICLES IN THE TREE PROTECTION ZONE. DO NOT ALLOW RINSING, CLEANING EQUIPMENT OR DUMPING CONSTRUCTION LIQUID MATERIALS IN THE TREE PROTECTION ZONES. DO NOT STORE DUMPSTERS OR ACCUMULATE DEBRIS FROM DEMOLITION IN TREE PROTECTION ZONE. AVOID SOIL COMPACTION AND SOIL CONTAMINATION IN THE TREE PROTECTION ZONE. DO NOT DRIVE OVER TREE PROTECTION ZONES. PROVIDE ALTERNATIVE ROUTES FOR CONSTRUCTION TRAFFIC OF ANY KIND INCLUDING CARS, PEOPLE, TRACTORS, EQUIPMENT, CRANES, OR ANY OTHER TRAFFIC AND ALL STAGING OR STORAGE AREAS.
 - B. DO NOT ALLOW ANY MOTORIZED EQUIPMENT WITHIN TREE PROTECTION ZONES.
 - C. DO NOT APPLY LIME OR OTHER SOIL TREATMENT WITHOUT THE CONSENT OF THE PROJECT CERTIFIED ARBORIST.
 - D. MAKE NO GRADE CHANGE WITHIN FIFTEEN FEET OF THE TRUNK OF EXISTING TREES TO BE PROTECTED, AND PREFERABLY NONE WITHIN THE ENTIRE TREE PROTECTION ZONE.
14. COMPLY WITH CITY OF BERKELEY GENERAL CONDITIONS DOCUMENT'S TREE AND ROOT PROTECTION AND ROOT PRUNING.



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05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

TREE PROTECTION NOTES

Scale

L0.03B

NOTES:

1. REFER TO SHEET L0.03A FOR TREE PROTECTION PLAN.
2. PLAN AND SECTIONS ARE DIAGRAMMATIC. THEY SHOULD ONLY BE USED FOR GENERAL CONCEPTUAL COORDINATION ON THE PROJECT. THE TREES TO BE PROTECTED SHOWN ON THE DRAWINGS CANNOT BE USED FOR DIMENSIONAL ACCURACY. TLS CANNOT CONFIRM ACCURACY OF THIS INFORMATION.
3. REFER TO SHEET L0.00 FOR GENERAL NOTES AND ABBREVIATIONS.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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LB2 PARTNERS
Tel: 415.845.7500

Gensler

2101 Webster Street
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TLS Landscape Architecture

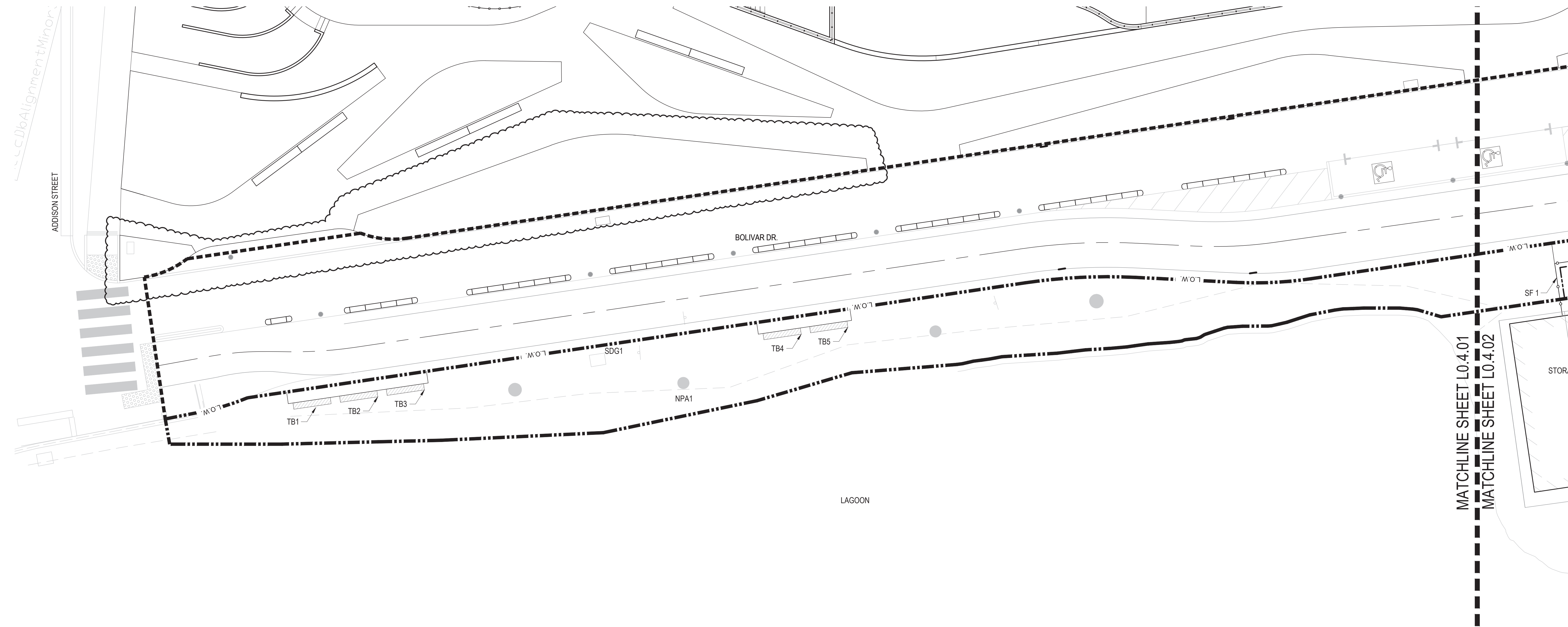
Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 95710

Tel: 510.524.3363
Fax: 510.524.3863

AREA IDENTIFICATION KEY

BB	BENCH WITH BACK
BR	BIKE RACK
CIP	CAST IN PLACE CONCRETE
CR	CONCRETE RAMP
CS	CONCRETE STAIR
F	FENCE
FG	FENCE GATE
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TC	TRASH CAN
WF	WATER FOUNTAIN

- NOTE:
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 2. FOR BOLIVAR DESIGN, SCD.



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Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

AREA ID PLAN 1

Scale

1"=10'

L0.4.01

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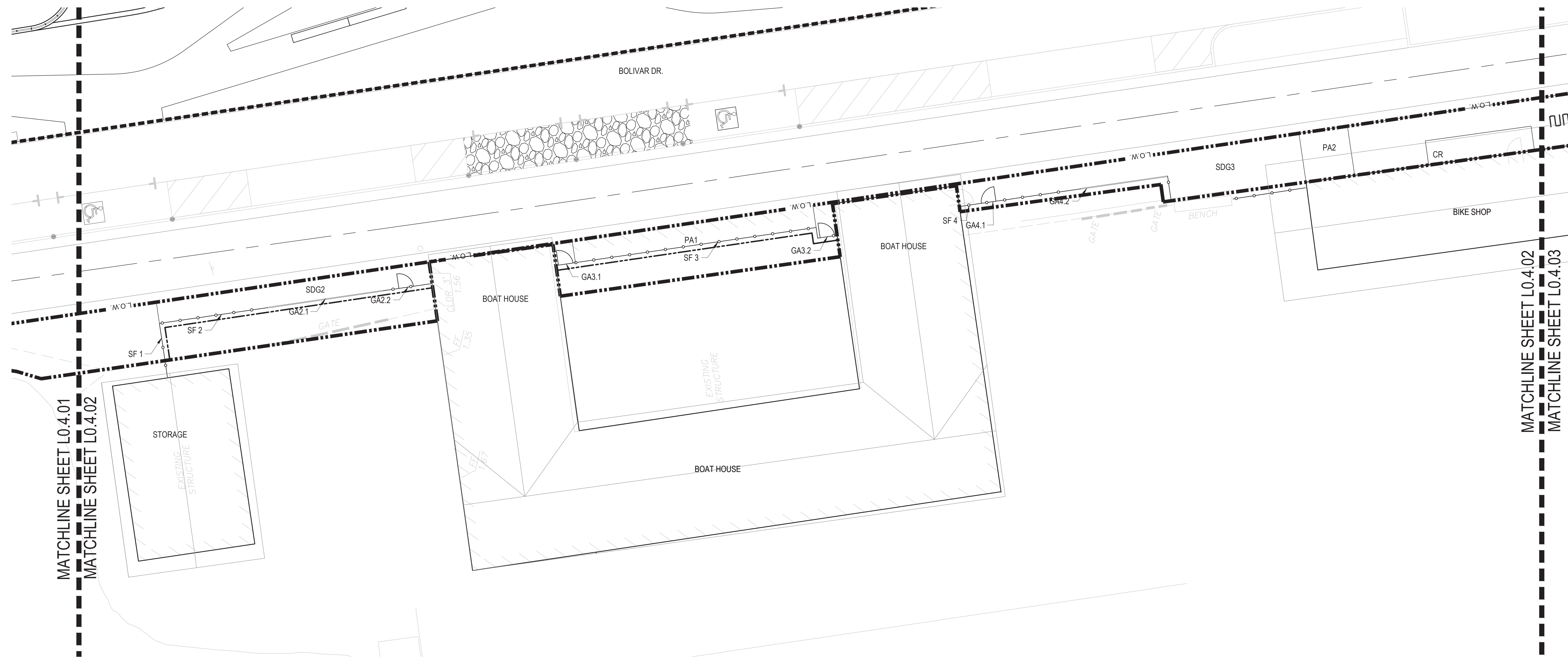
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Seal / Signature

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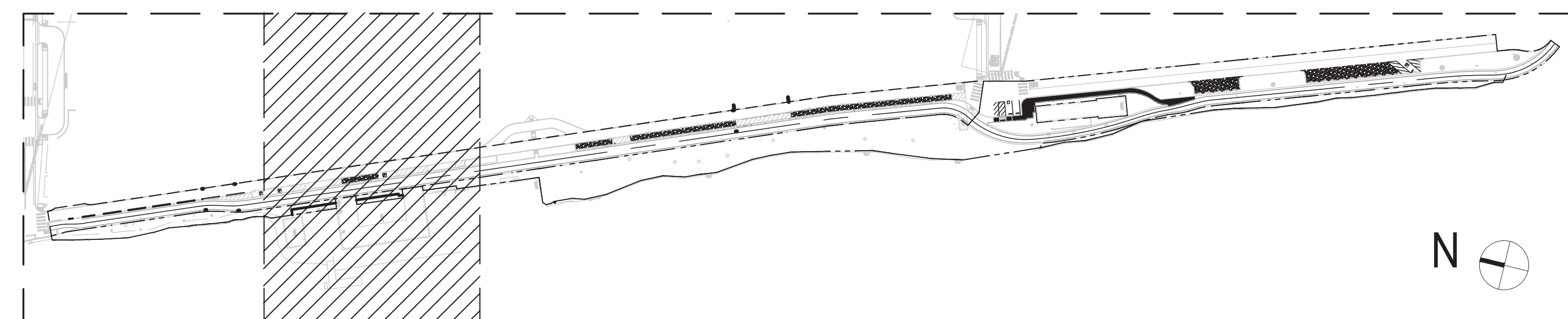
Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
AREA ID PLAN 2

Scale
1"=10'

L0.4.02



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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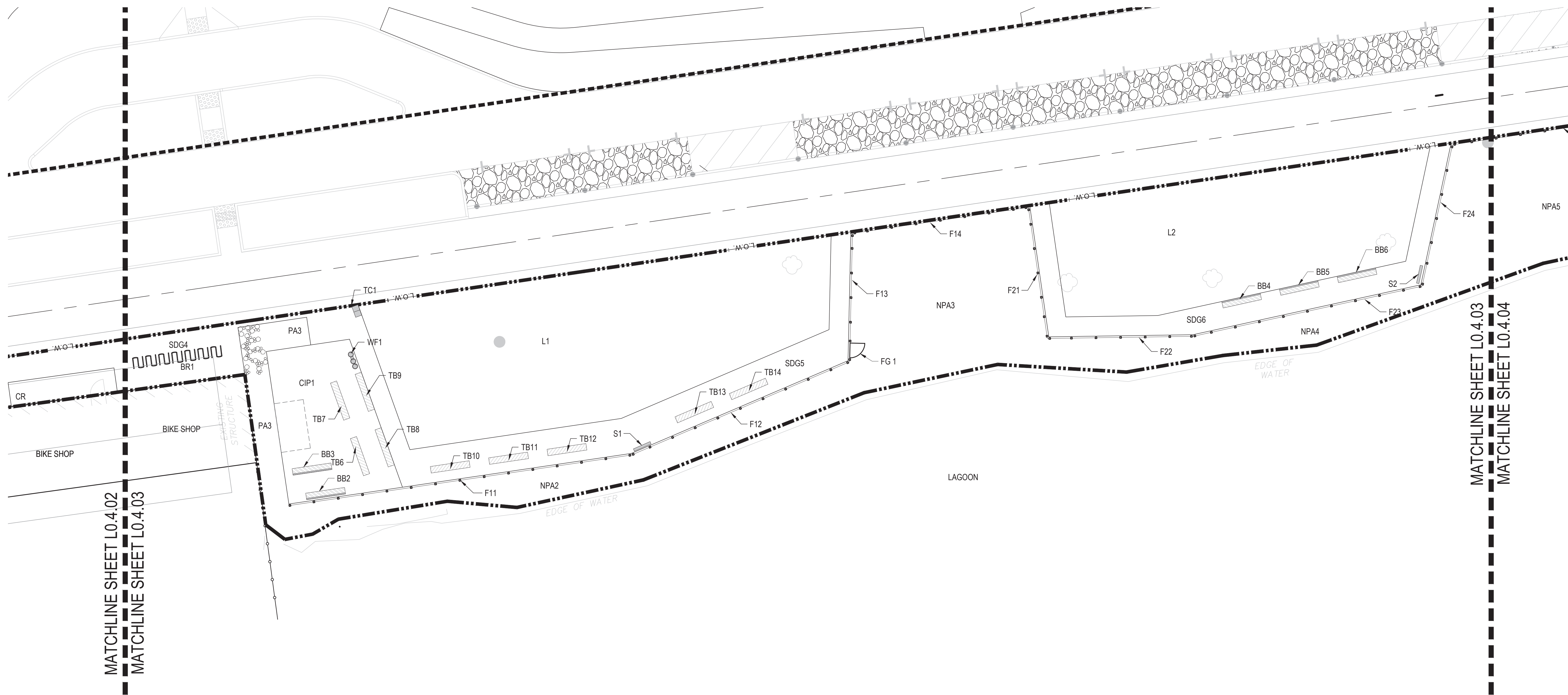
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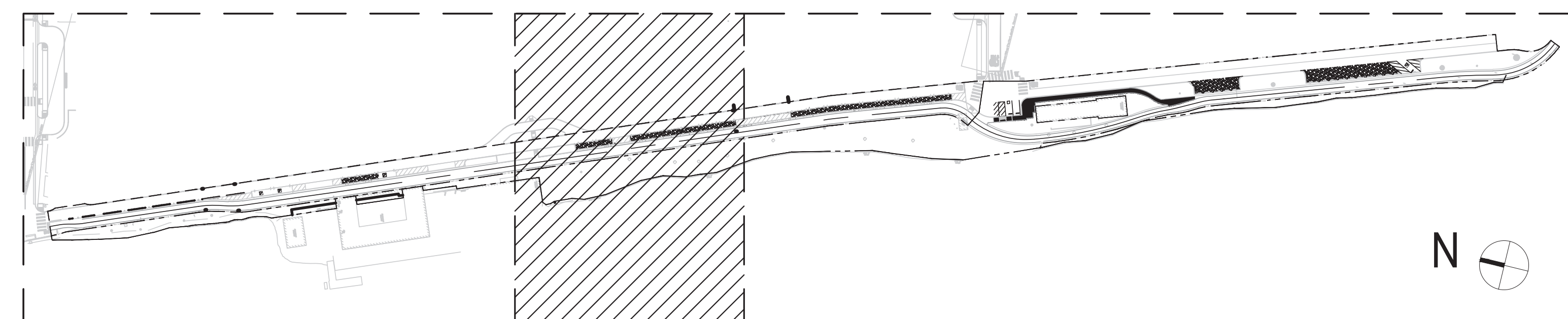
Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description
AREA ID PLAN 3

Scale
1"=10'

L0.4.03



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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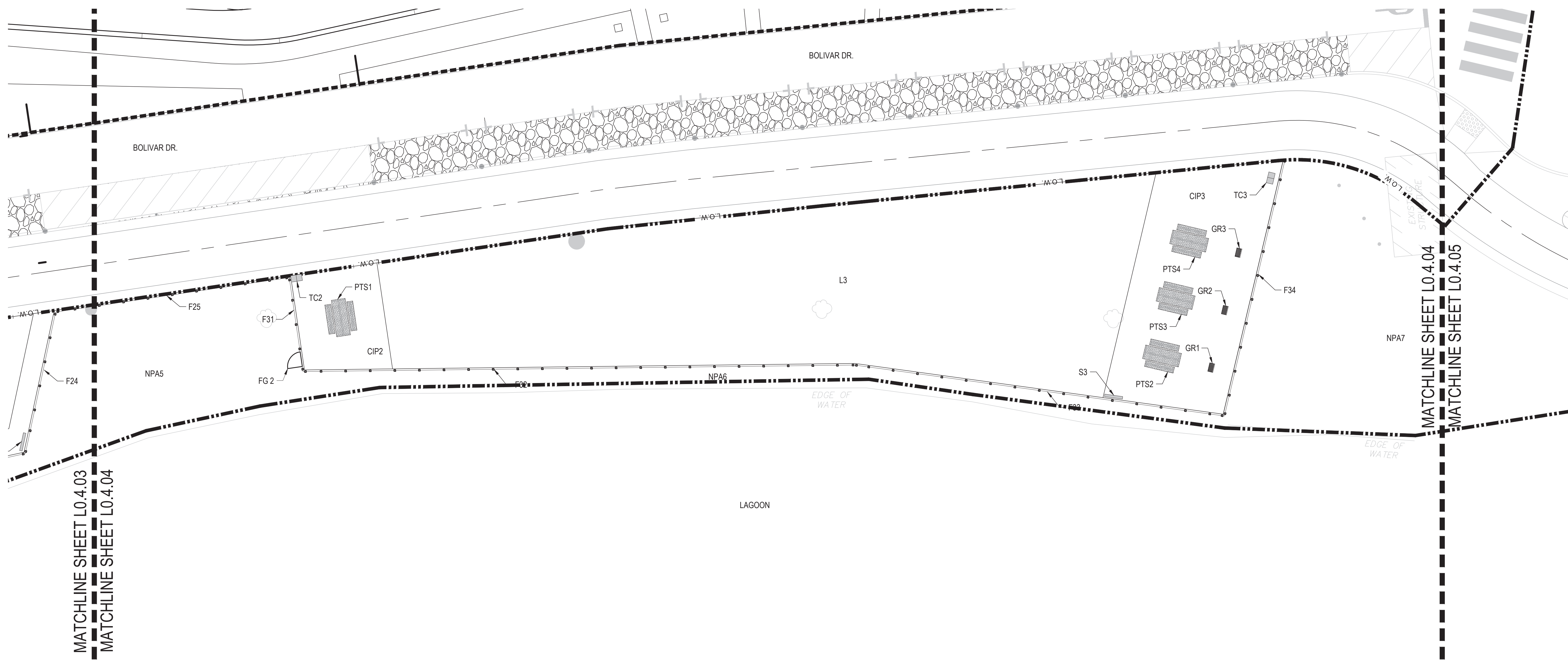
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Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

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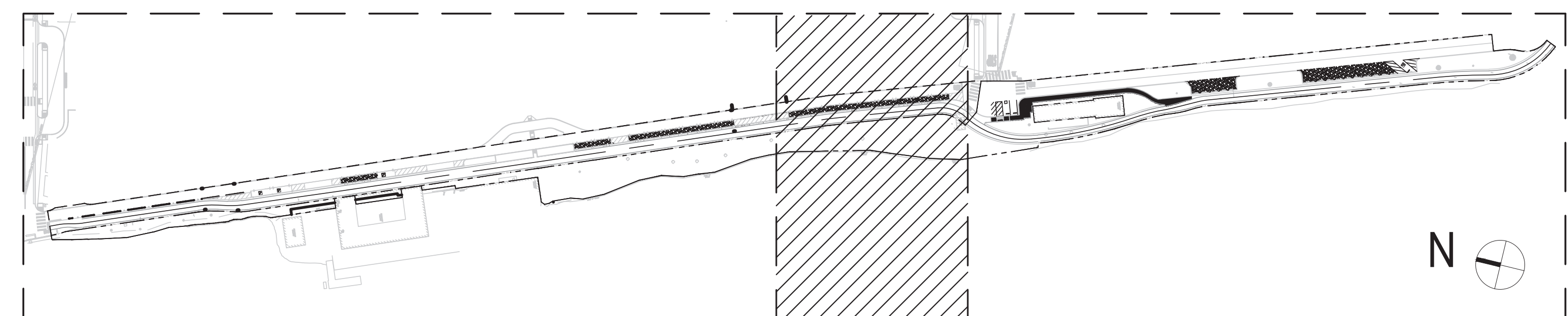
Description

AREA ID PLAN 4

Scale

1"=10'

L0.4.04



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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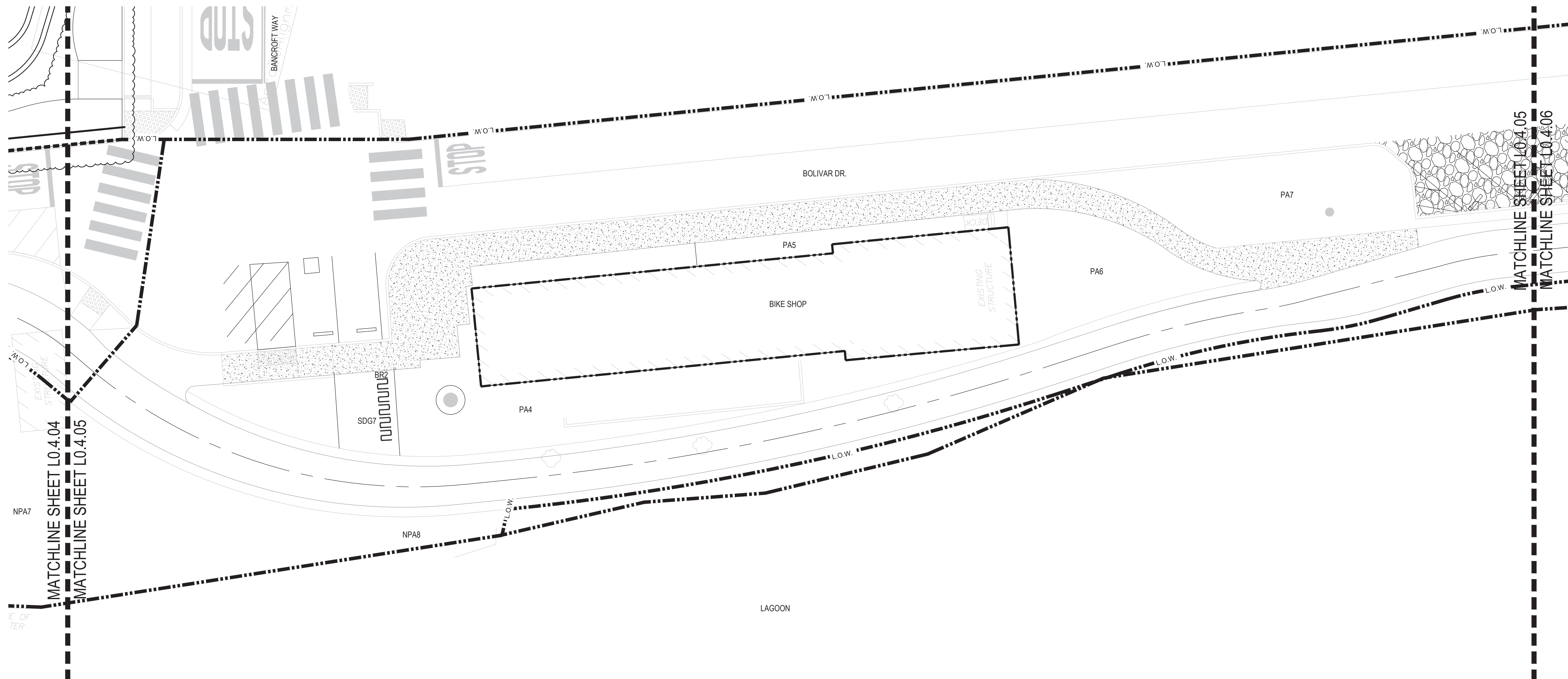
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Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

AREA ID PLAN 5

Scale

1"=10'

L0.4.05

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SDG	STABILIZED DECOMPOSED GRINITE
TB	TIMBER BENCH WITHOUT BACK
TC	TRASH CAN
WF	WATER FOUNTAIN

- NOTE:
1. SITE AREA IDENTIFICATION NUMBERS ARE USED TO FACILITATE COORDINATION, DISCUSSION, AND CONSTRUCTION RFI's.
 2. FOR BOLIVAR DESIGN, SCD.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

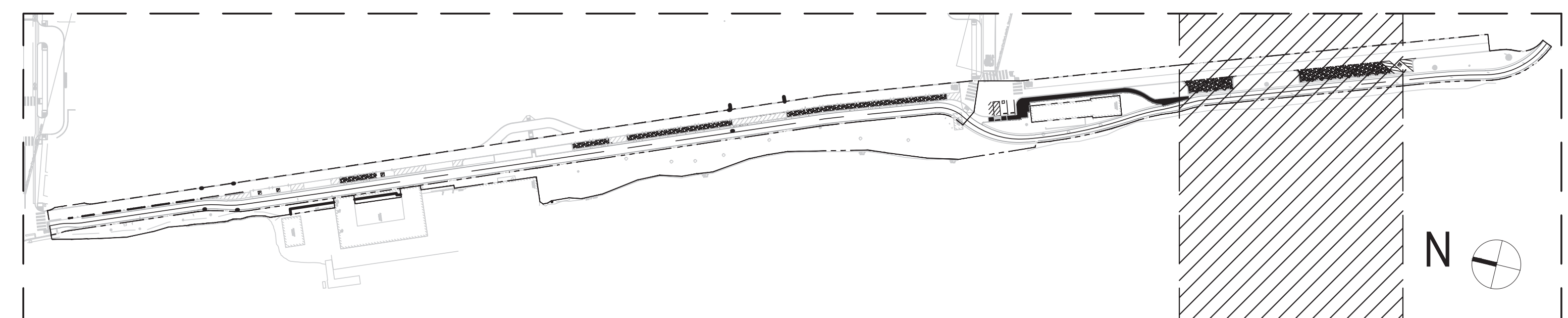
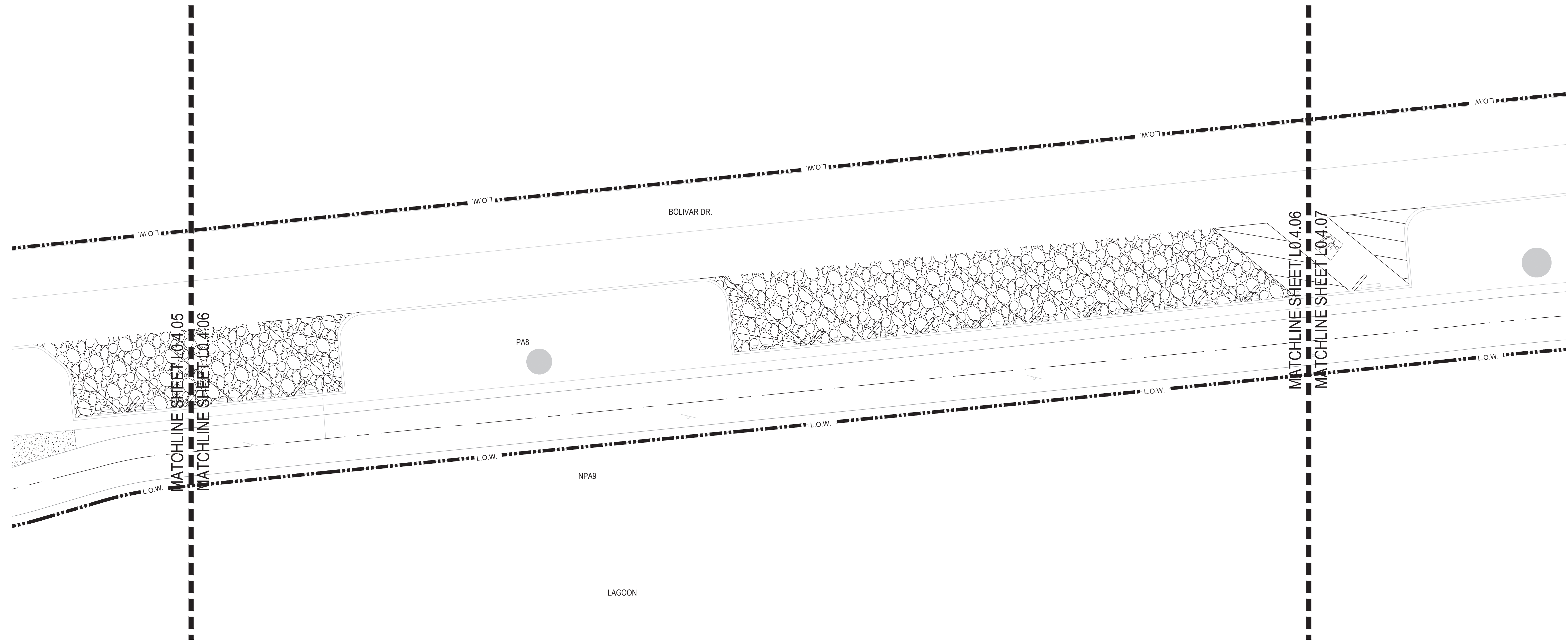
AREA ID PLAN 6

Scale

1"=10'

L0.4.06

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600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
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Menlo Park, CA 94025
Tel: 650.838.0100

L&P PARTNERS
Tel: 415.845.7500

Gensler

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TLS Landscape Architecture

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Tel: 510.524.3863
Fax: 510.524.3863

AREA IDENTIFICATION KEY

BB	BENCH WITH BACK
BR	BIKE RACK
CIP	CAST IN PLACE CONCRETE
CR	CONCRETE RAMP
CS	CONCRETE STAIR
F	FENCE
FG	FENCE GATE
GA-V	VEHICLE GATE
GA-P	PEDESTRIAN GATE
GR	GRILL
L	LAWN
NPA	NATURAL PLANTING AREA
PA	PLANTING AREA
PTS	PICNIC TABLE SET
S	SIGNAGE
SF	SECURITY FENCE
SDG	STABILIZED DECOMPOSED GRINITE
TB	TIMBER BENCH WITHOUT BACK
TC	TRASH CAN
WF	WATER FOUNTAIN

- NOTE:
1. SITE AREA IDENTIFICATION NUMBERS ARE USED TO FACILITATE COORDINATION, DISCUSSION, AND CONSTRUCTION REFS.
 2. FOR BOLIVAR DESIGN, SCD.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

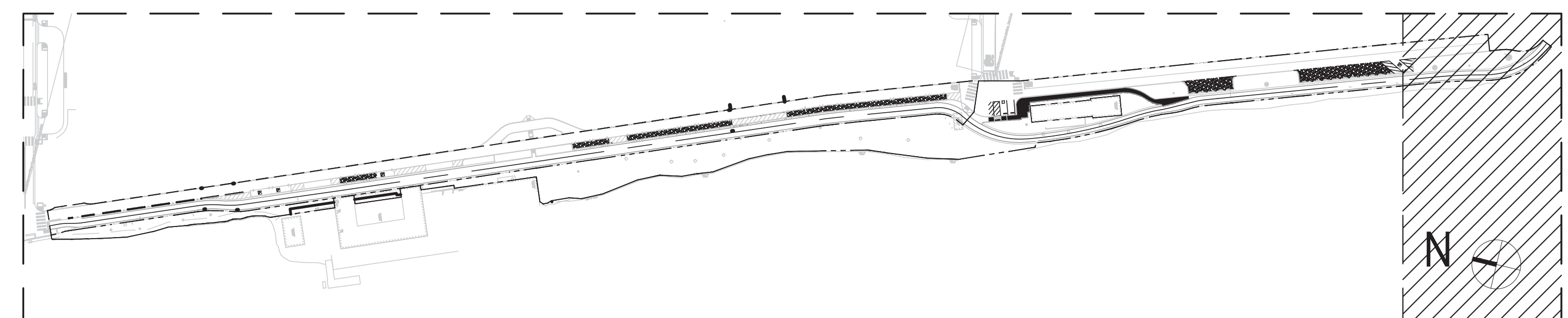
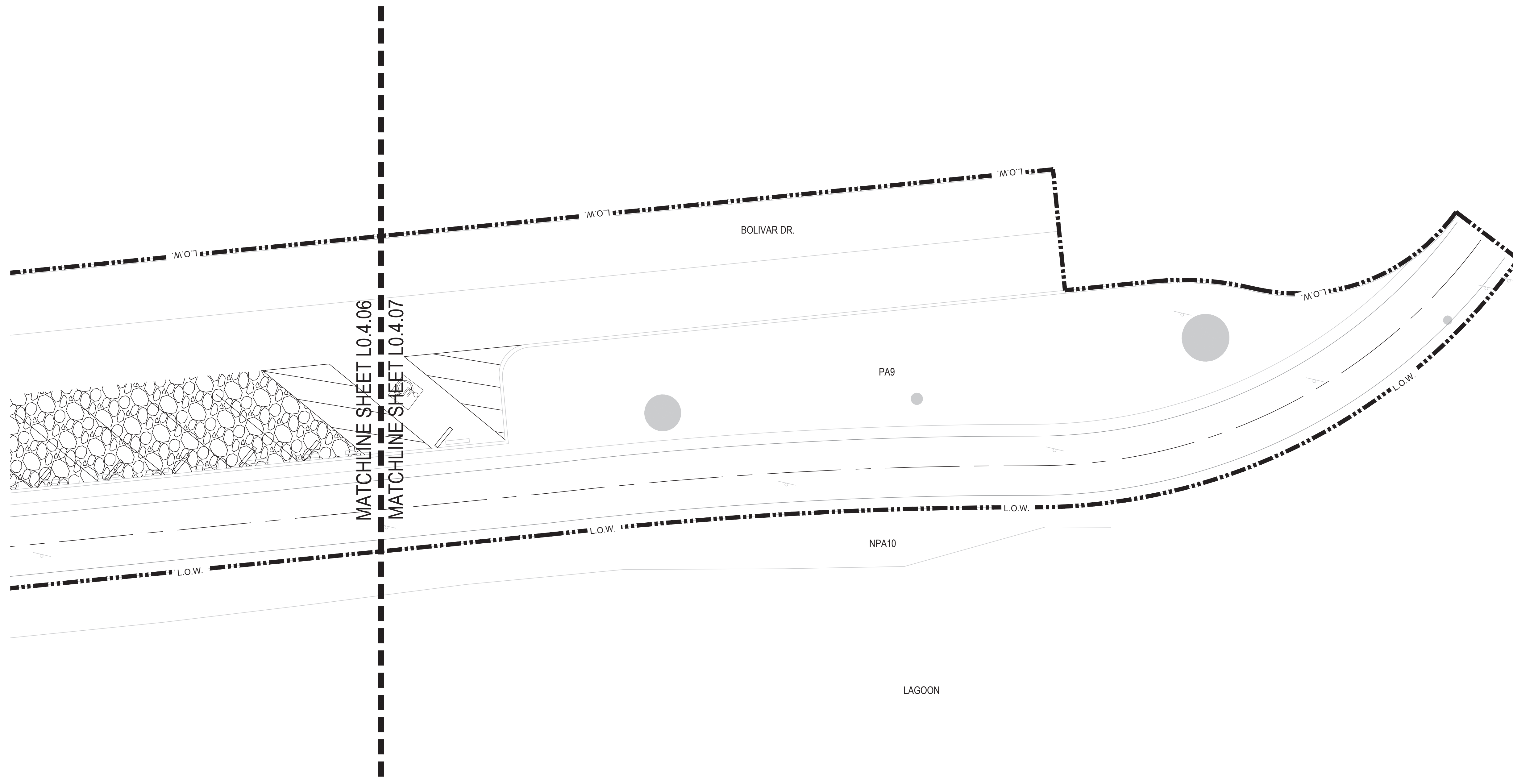
AREA ID PLAN 7

Scale

1"=10'

L0.4.07

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Tel: 415.845.7500

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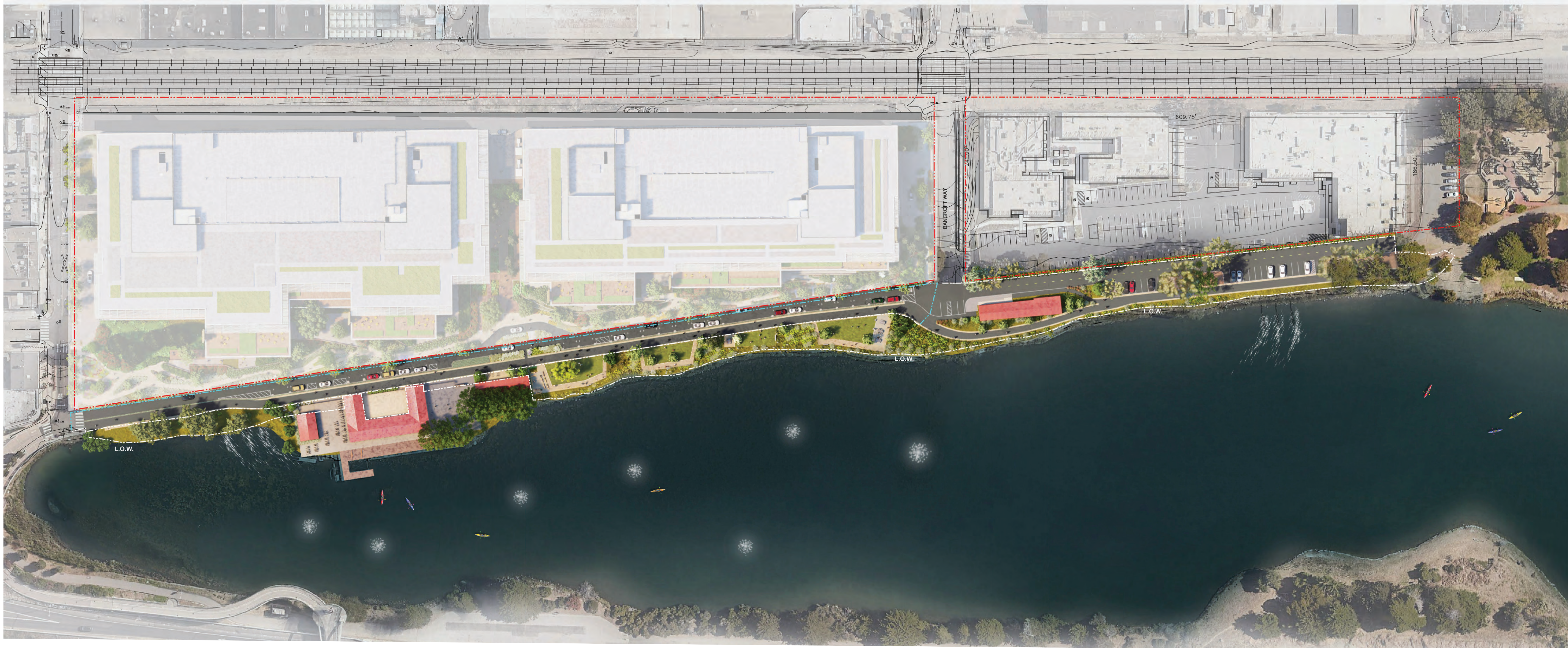
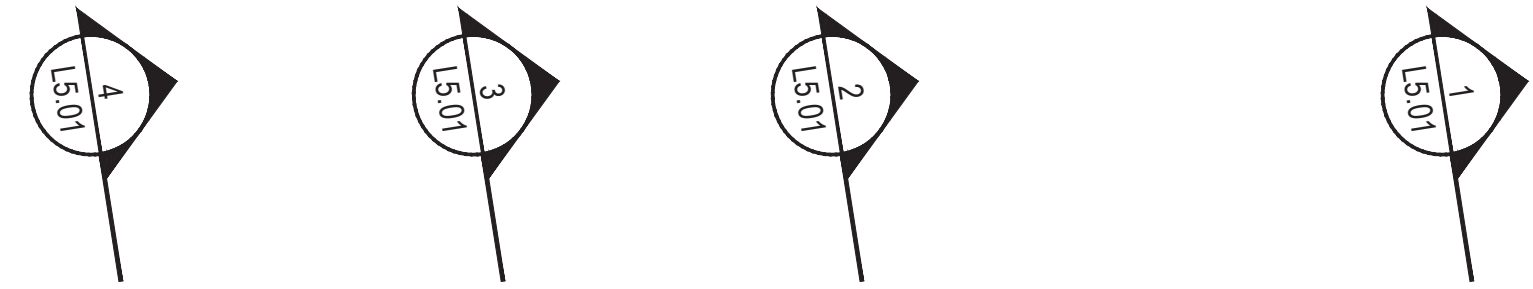
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Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

ILLUSTRATIVE PLAN

Scale
1"=60'

L0.01



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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644 Menlo Avenue, 2nd Floor
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Tel: 415.845.7500

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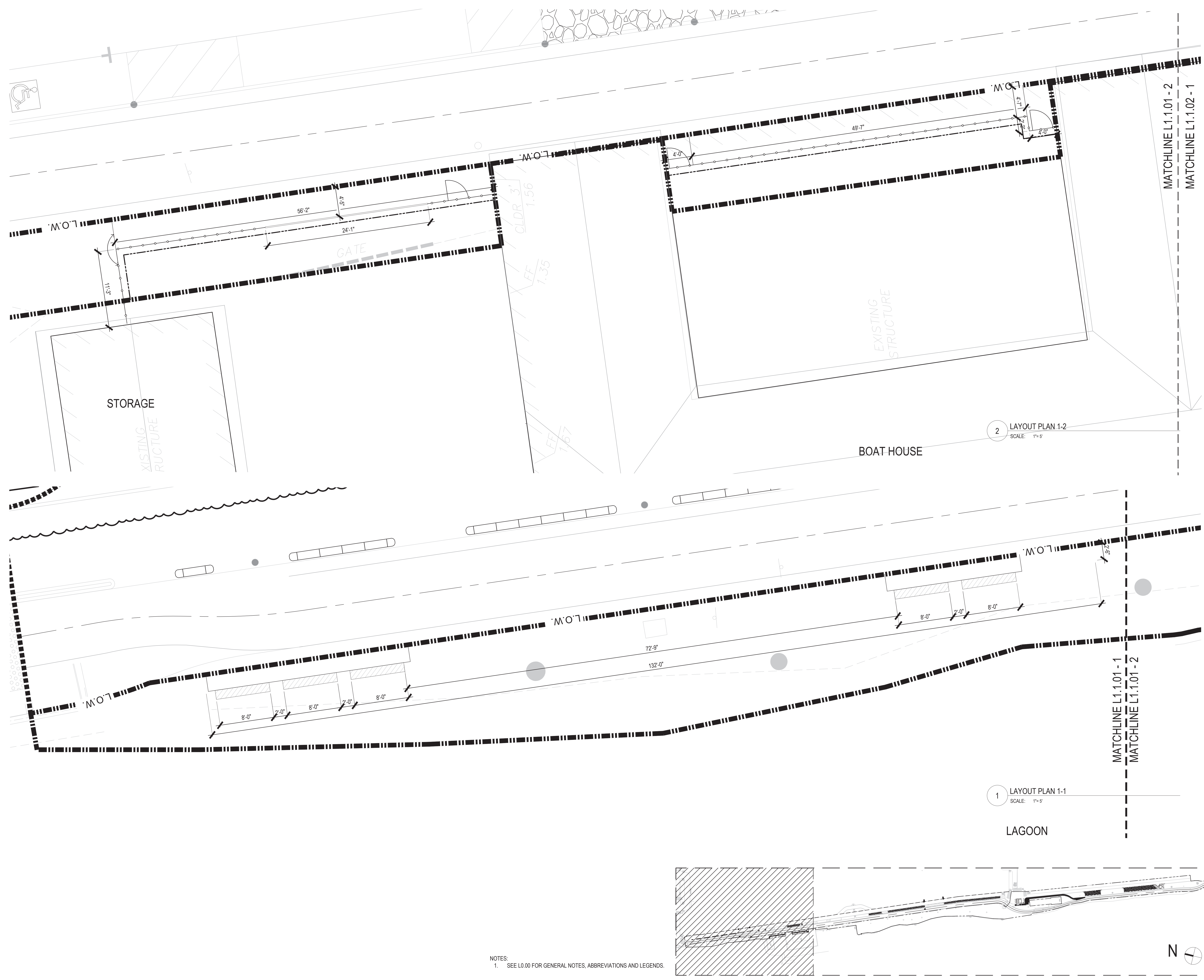
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2 LAYOUT PLAN 1-2
SCALE: 1"=5'

1 LAYOUT PLAN 1-1
SCALE: 1"=5'

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description
LAYOUT PLAN 1-1 & PLAN 1-2

Scale
1"=5'

L1.1.01

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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Tel: 415.845.7500

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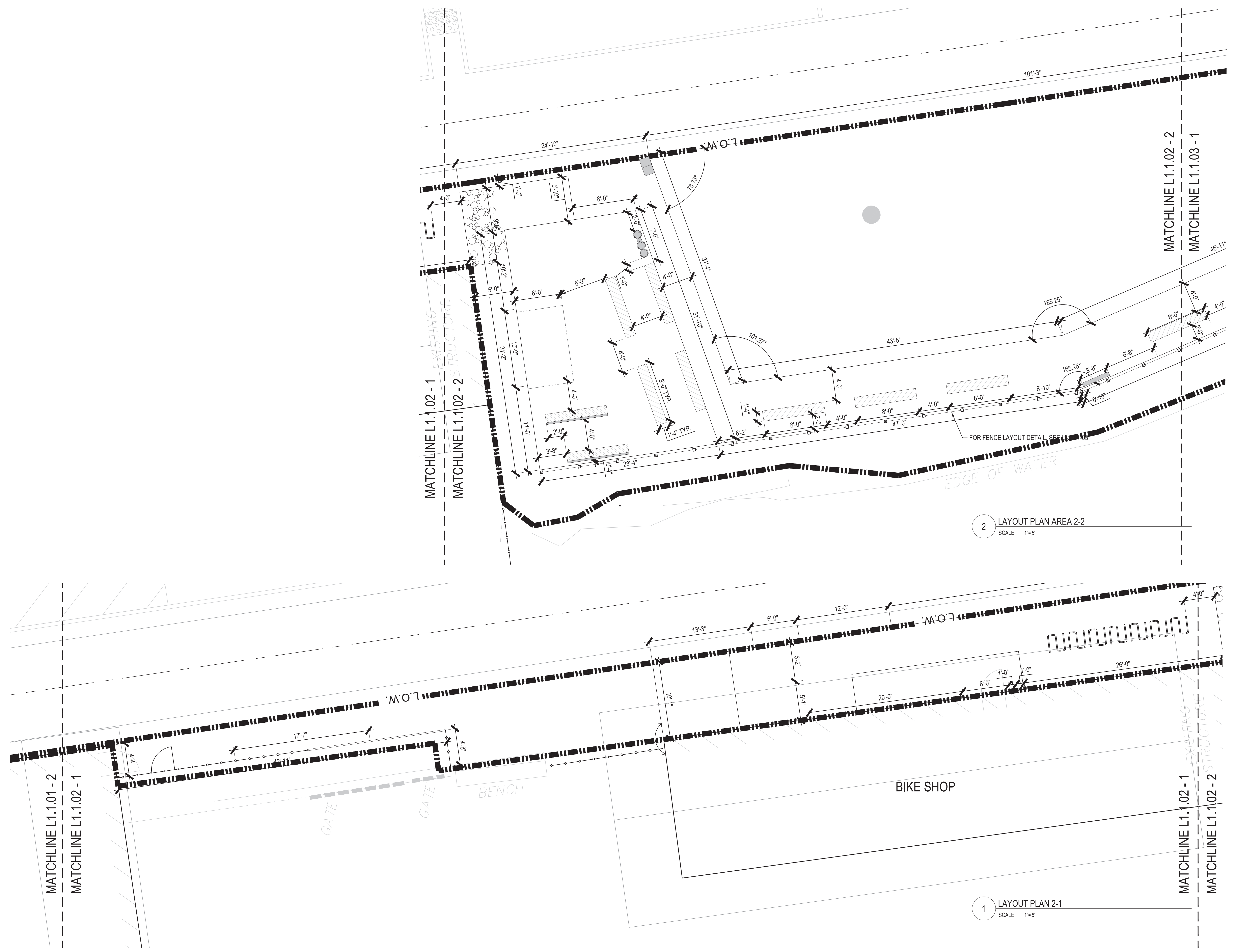
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2 LAYOUT PLAN AREA 2-2
SCALE: 1"=5'

1 LAYOUT PLAN 2-1
SCALE: 1"=5'

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	95% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
LAYOUT PLAN 2-1 & PLAN 2-2

Scale
1"=5'

L1.1.02

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

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Tel: 415.845.7500
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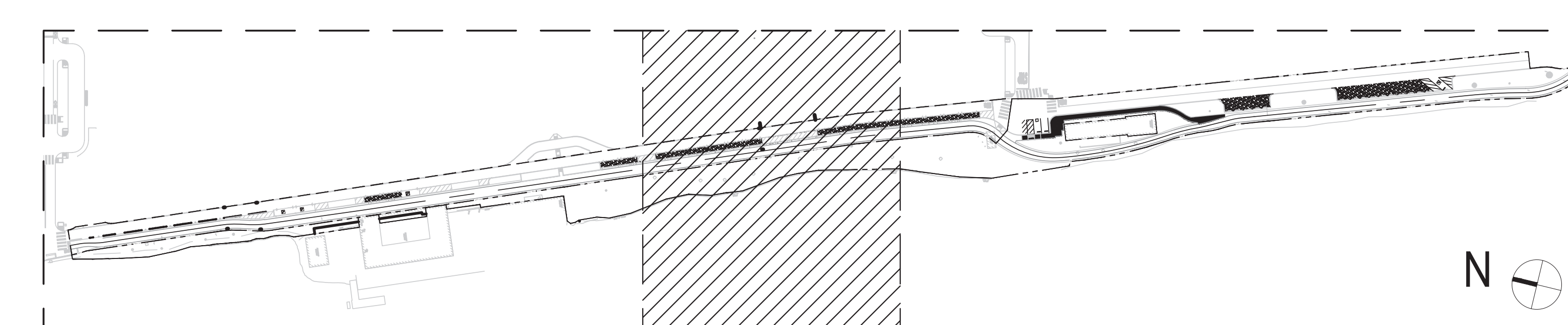
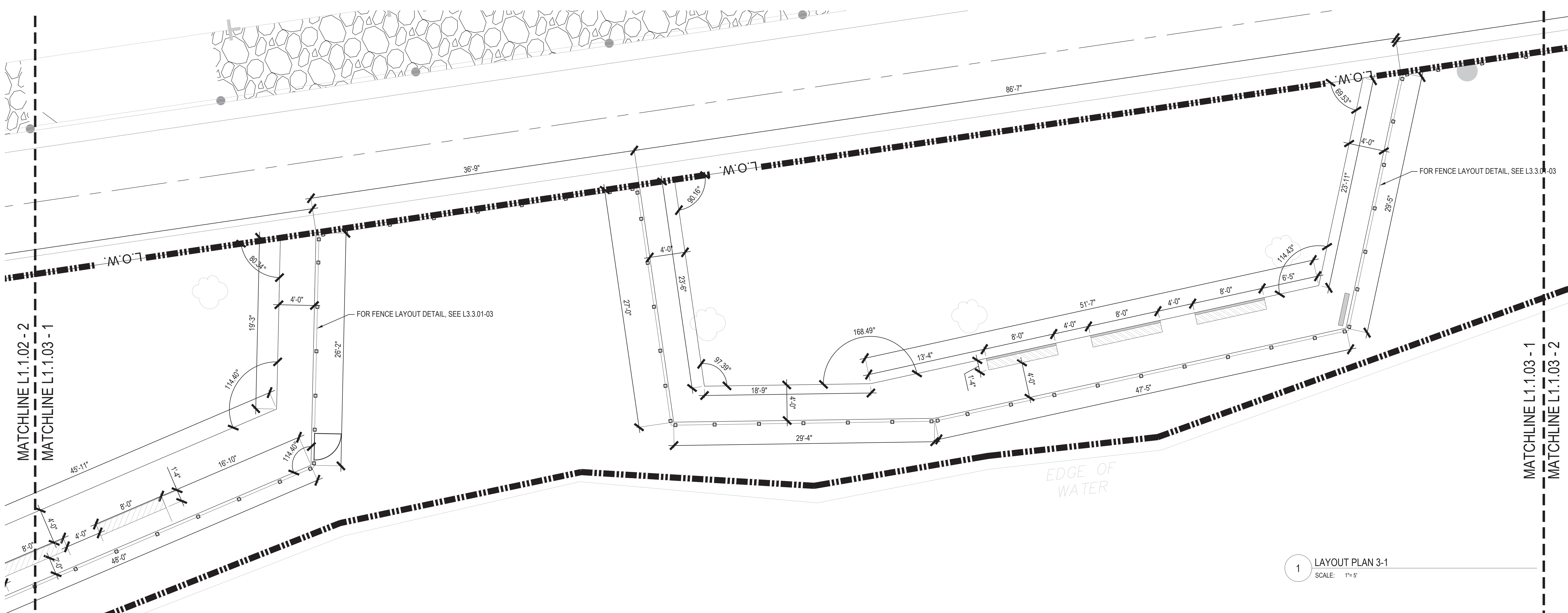
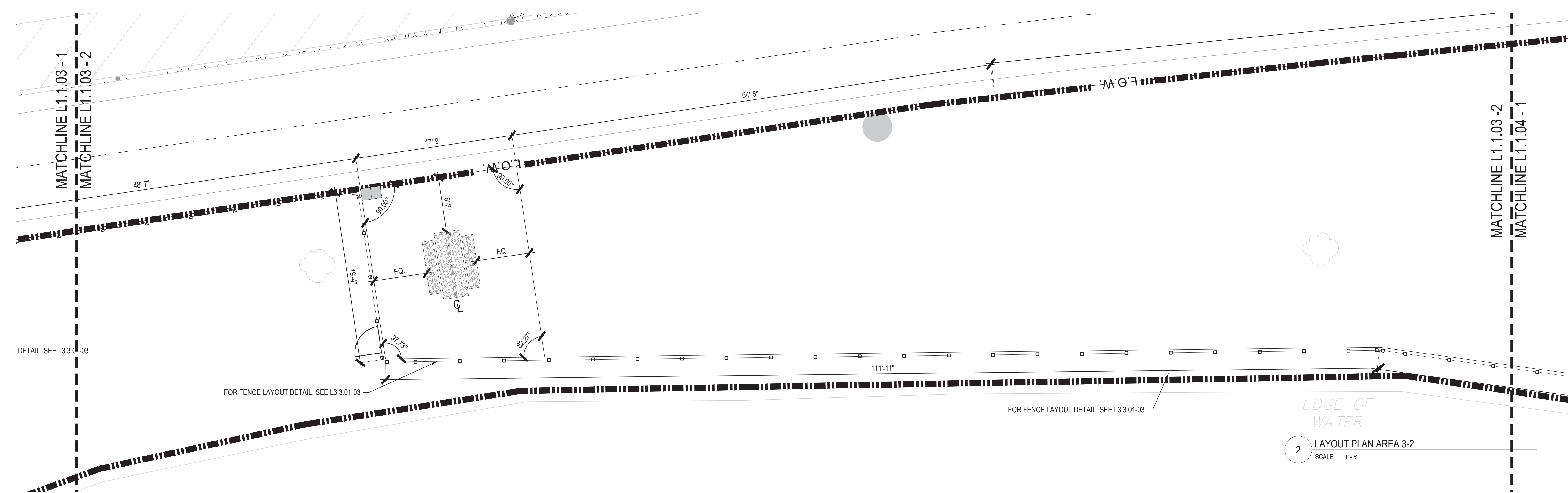
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Fax: 510.524.3863



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
LAYOUT PLAN 3-1 & PLAN 3-2

Scale
1"=5'

L1.1.03

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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644 Menlo Avenue, 2nd Floor
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LB2 PARTNERS
Tel: 415.845.7500

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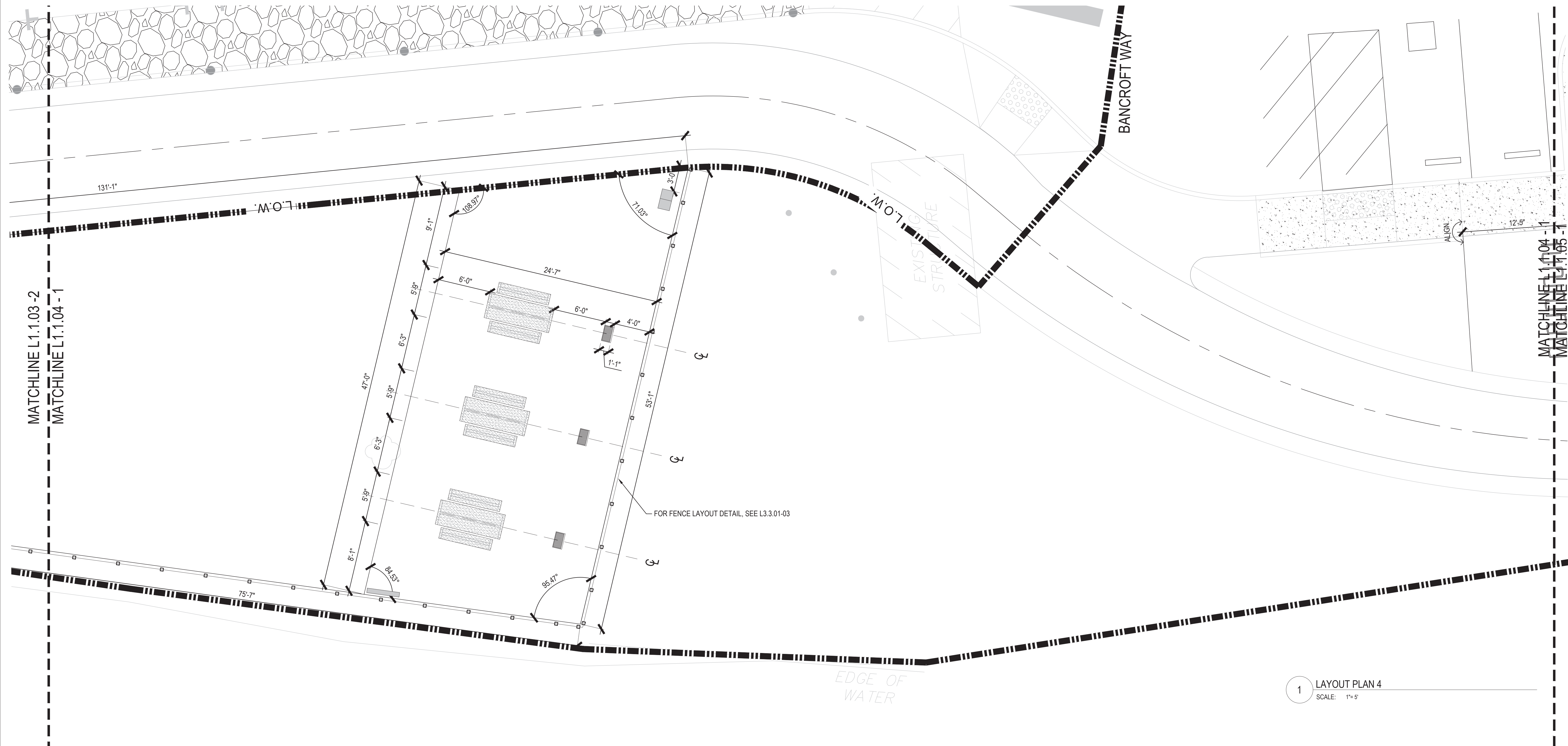
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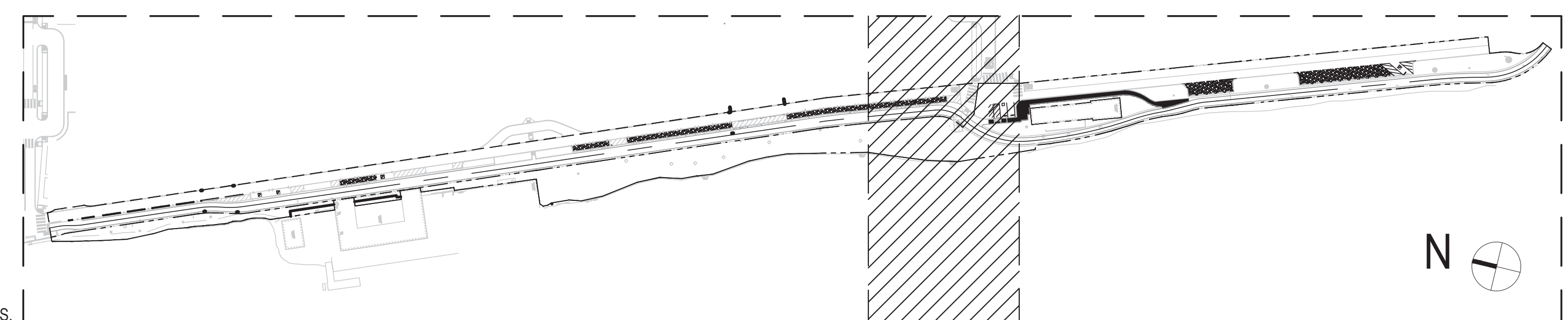
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Berkeley, CA 95710

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Fax: 510.524.3863



1 LAYOUT PLAN 4
SCALE: 1"=5'

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
LAYOUT PLAN 4

Scale
1"=5'

L1.1.04

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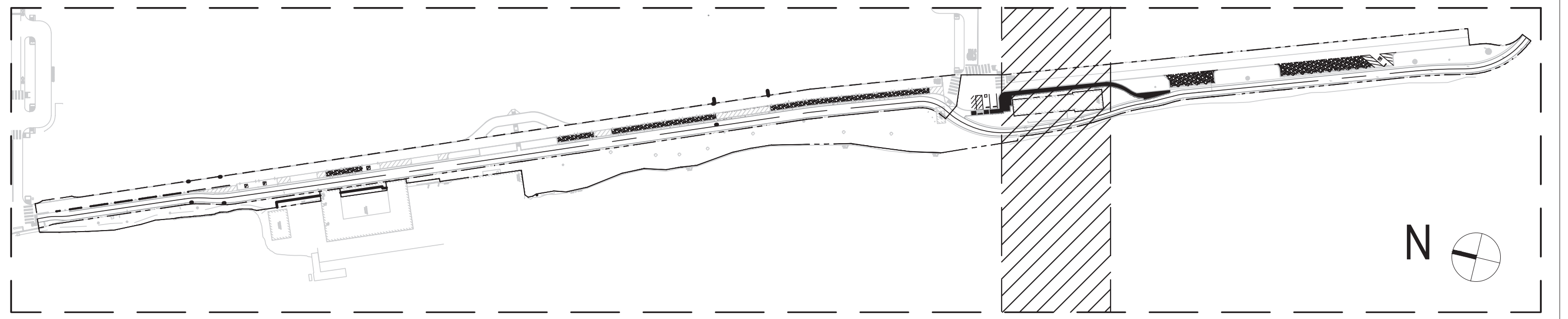
Tel: 510.524.3363
Fax: 510.524.3863



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

1 LAYOUT PLAN 5
SCALE: 1"=5'

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.



Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

LAYOUT PLAN 5
Scale
1"=5'

L1.1.05

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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United States




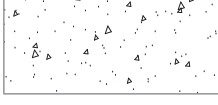






Tel: 510.625.7400
Fax: 510.625.7499

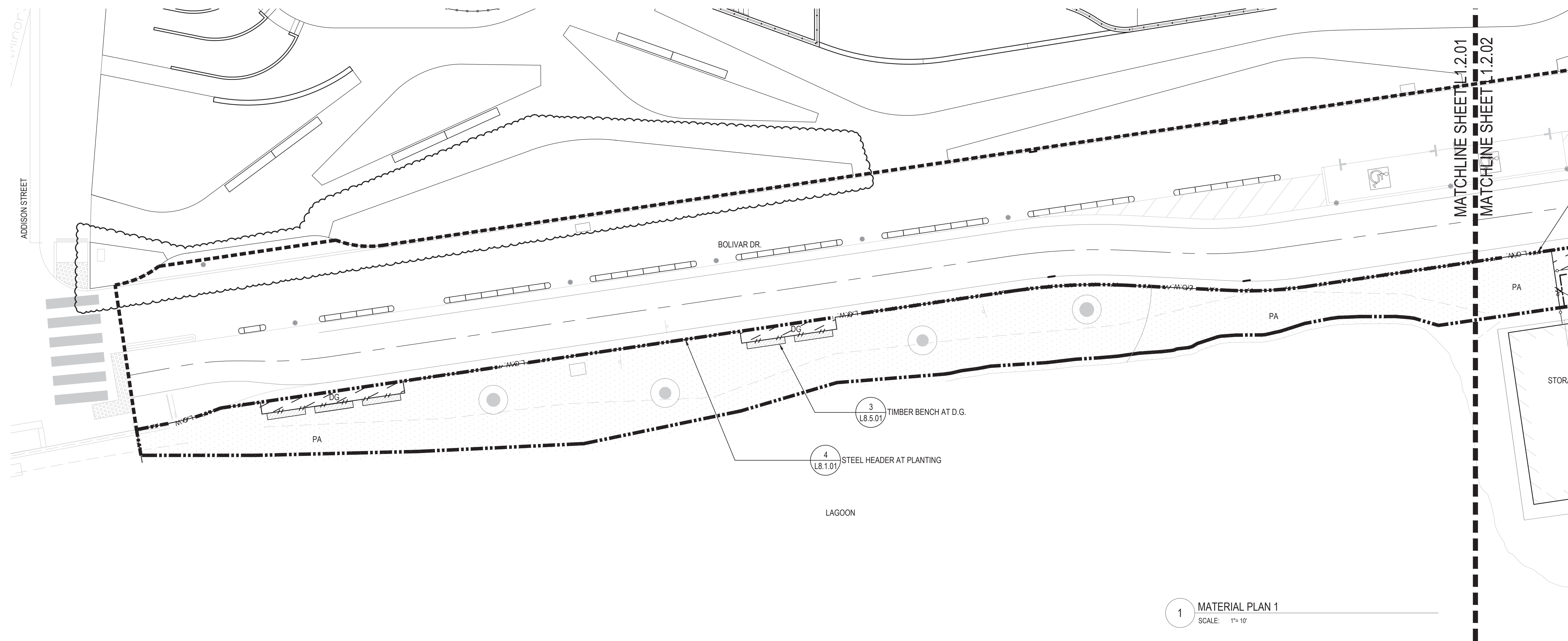
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Berkeley, CA 95710

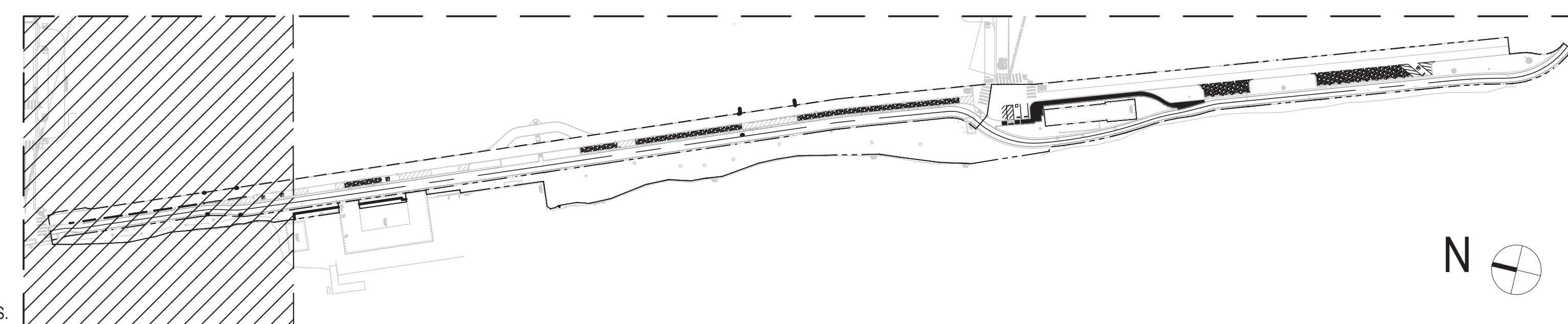
Tel: 510.524.3363
Fax: 510.524.3863

MATERIAL PLAN LEGEND

-  STABILIZED DG
-  PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 1
SCALE: 1"=10'



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

MATERIAL PLAN 1

Scale
1"=10'

L1.2.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

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Tel: 415.845.7500

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United States






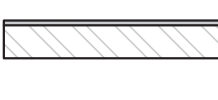
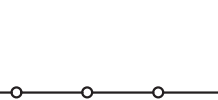



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Fax: 510.625.7499

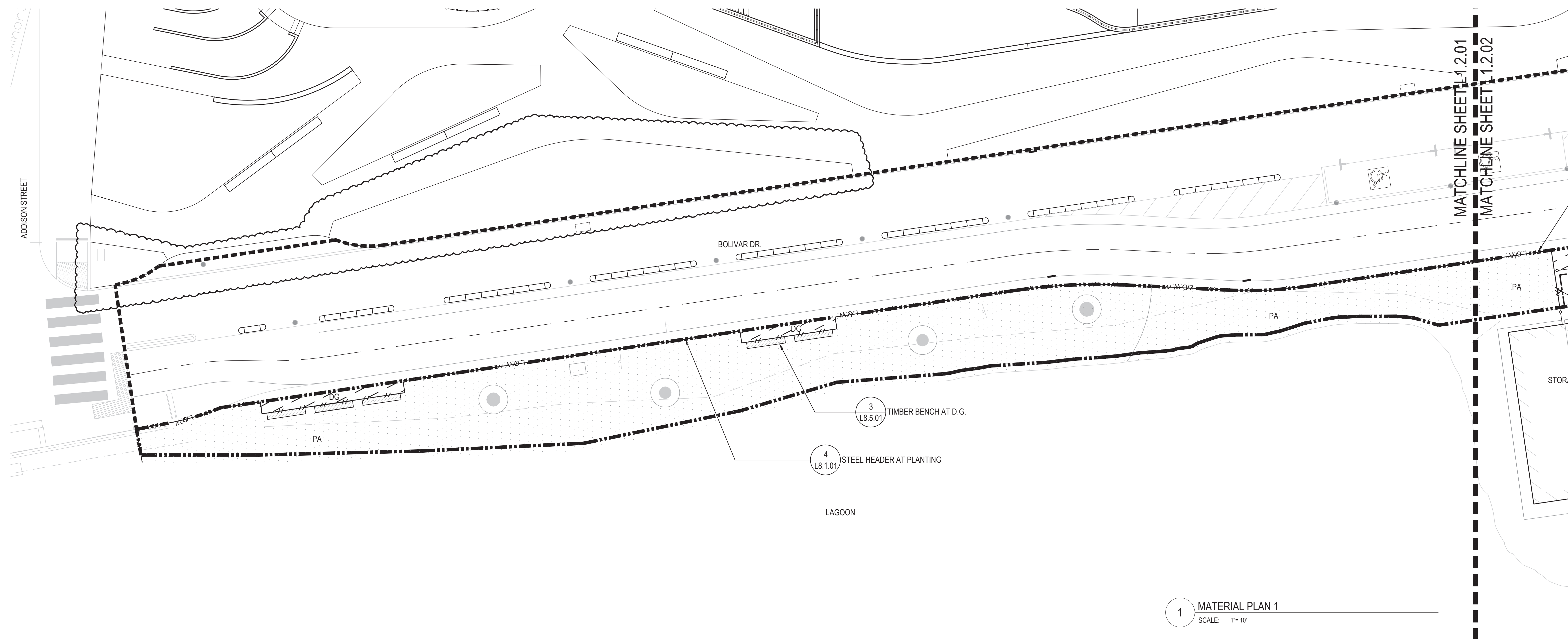
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Berkeley, CA 95710

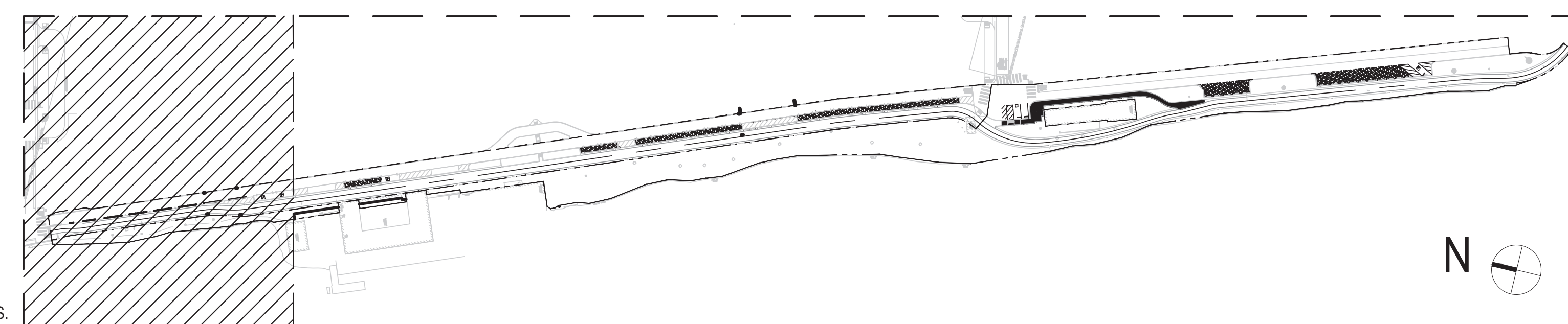
Tel: 510.524.3363
Fax: 510.524.3863

MATERIAL PLAN LEGEND

-  STABILIZED DG
-  PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 1
SCALE: 1"=10'



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

MATERIAL PLAN 1

Scale
1"=10'

L1.2.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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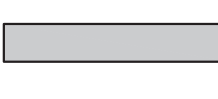

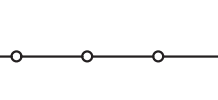



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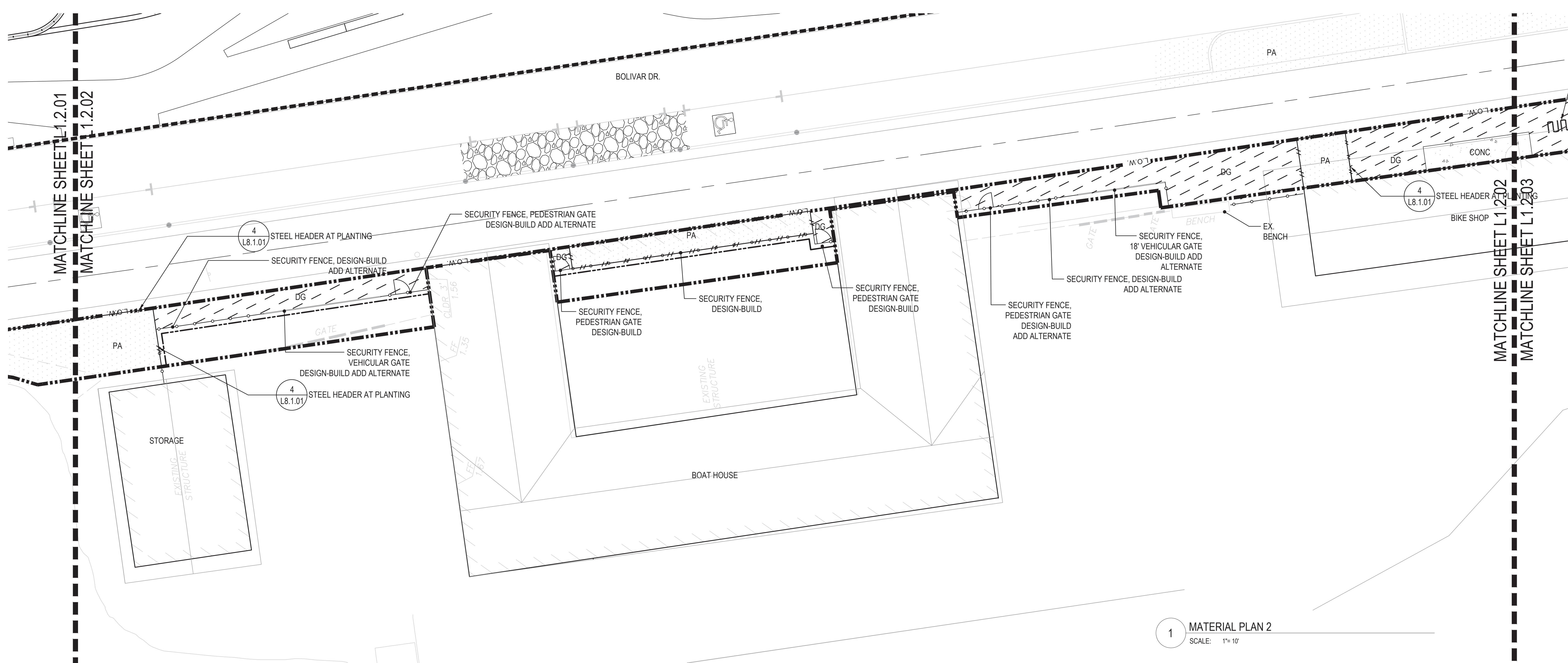
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MATERIAL PLAN LEGEND

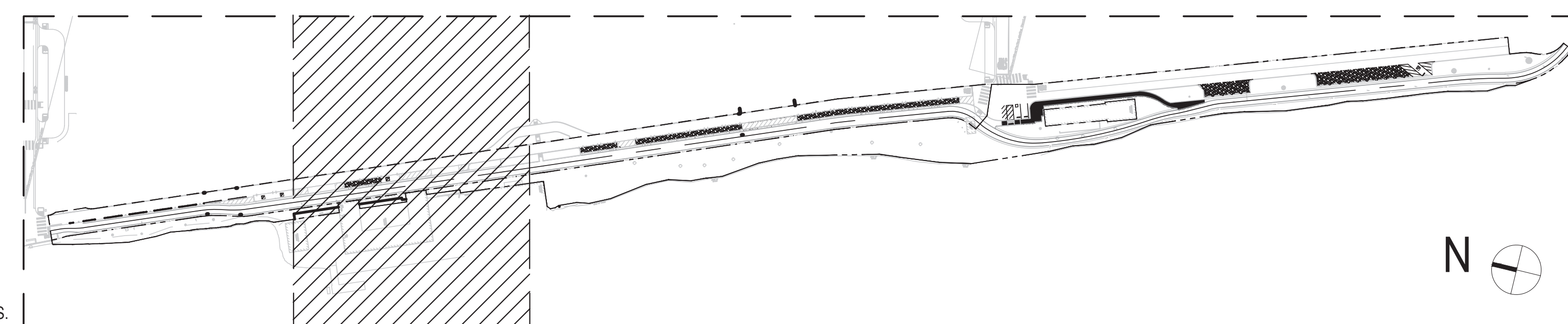
-  STABILIZED DG
-  PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 2
SCALE: 1"=10'

NOTES:
1. EXISTING SECURITY FENCES TO BE PROTECTED FOR RE-USE BY TENANT.
SECURITY FENCING TO WATER IS N.I.C. AND WILL BE BY TENANTS.

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

MATERIAL PLAN 2

Scale
1"=10'

L1.2.02

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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L&P PARTNERS
Tel: 415.845.7500

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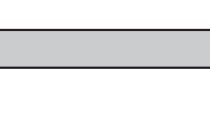

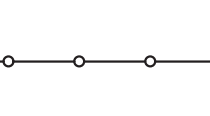
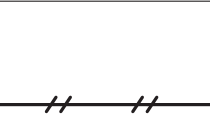


Tel: 510.625.7400
Fax: 510.625.7499

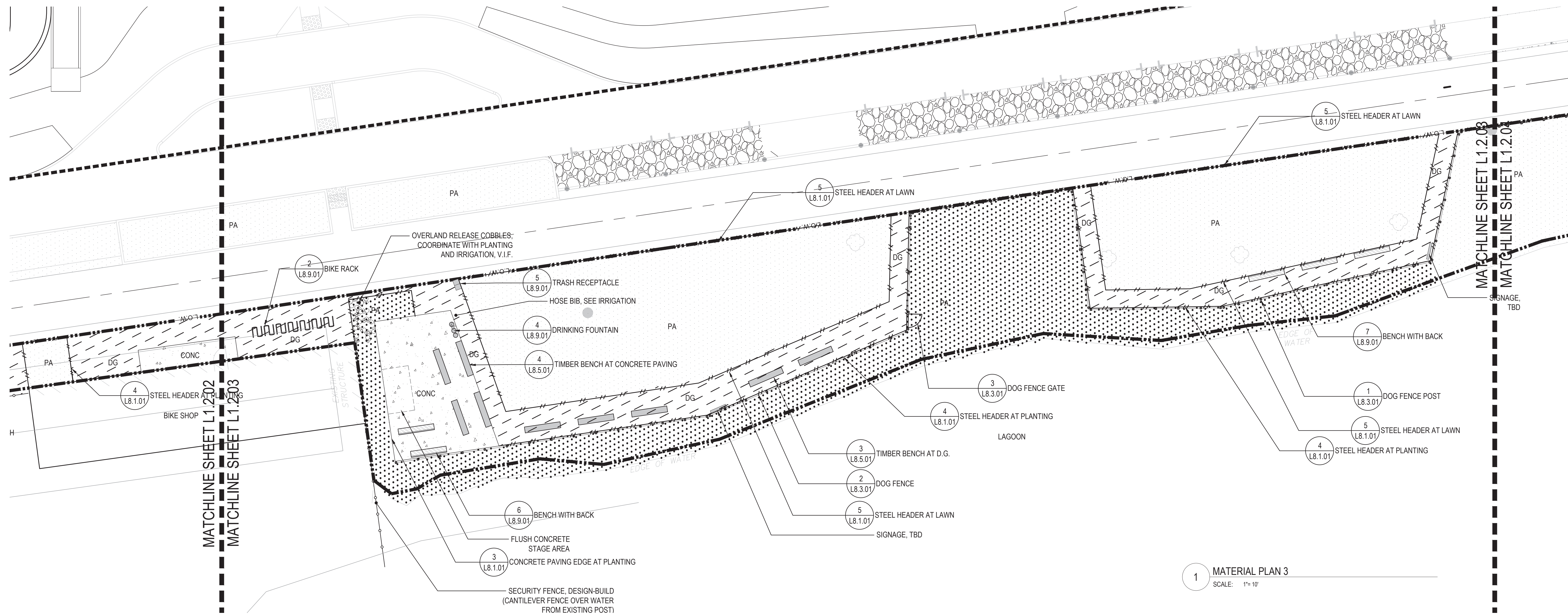
TLS Landscape Architecture

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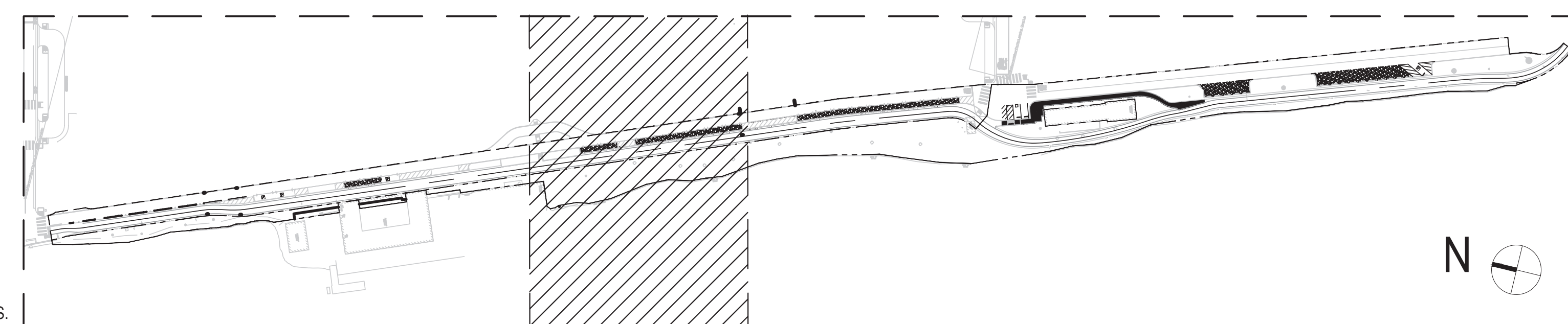
MATERIAL PLAN LEGEND

-  STABILIZED DG
-  PA PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 3
SCALE: 1"=10'

NOTES:
1. EXISTING SECURITY FENCES TO BE PROTECTED FOR RE-USE BY TENANT. SECURITY FENCING TO WATER IS N.I.C. AND WILL BE BY TENANTS.



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

MATERIAL PLAN 3

Scale
1"=10'

L1.2.03

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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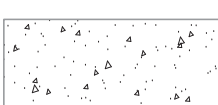






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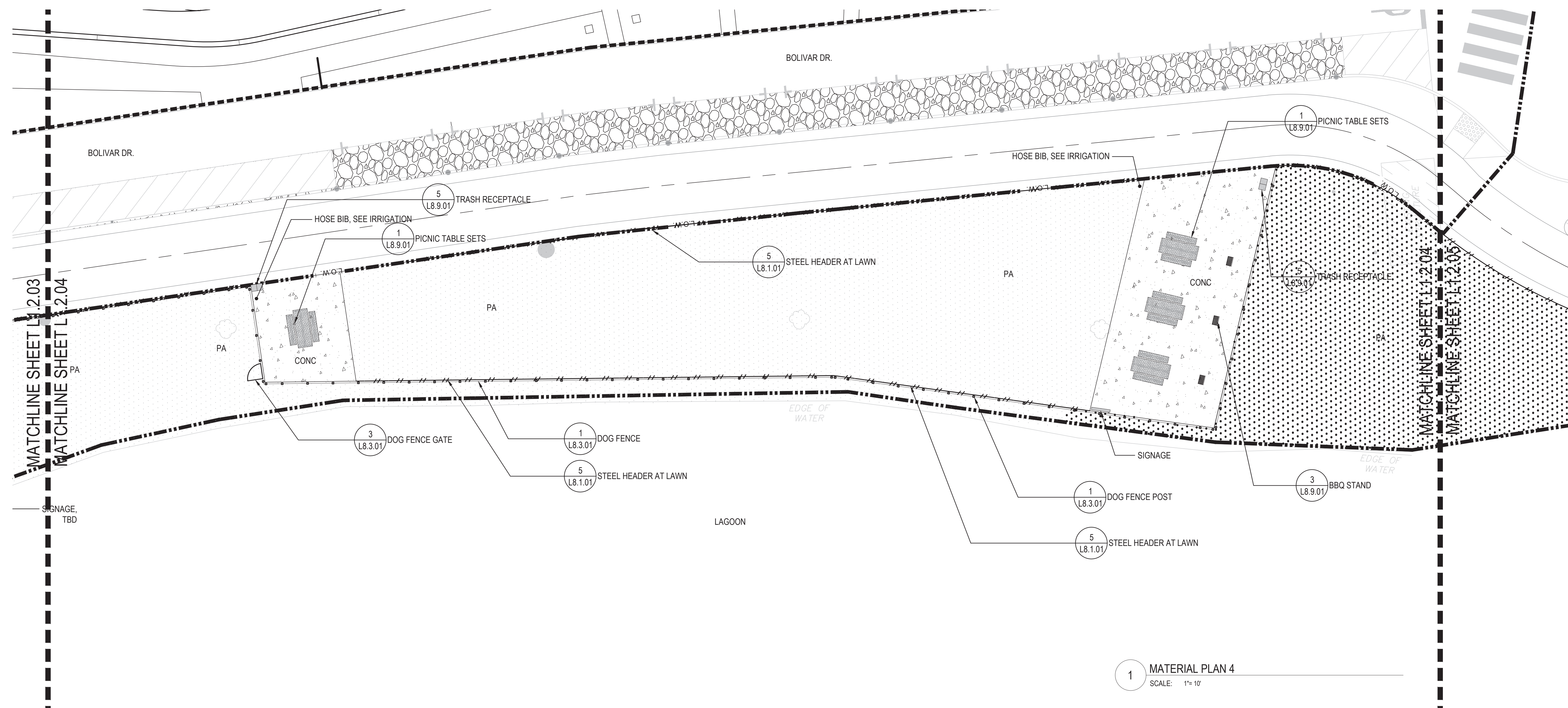
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Suite 2000
Oakland, CA 94612
United States
Tel: 510.625.7400
Fax: 510.625.7499

TLS Landscape Architecture

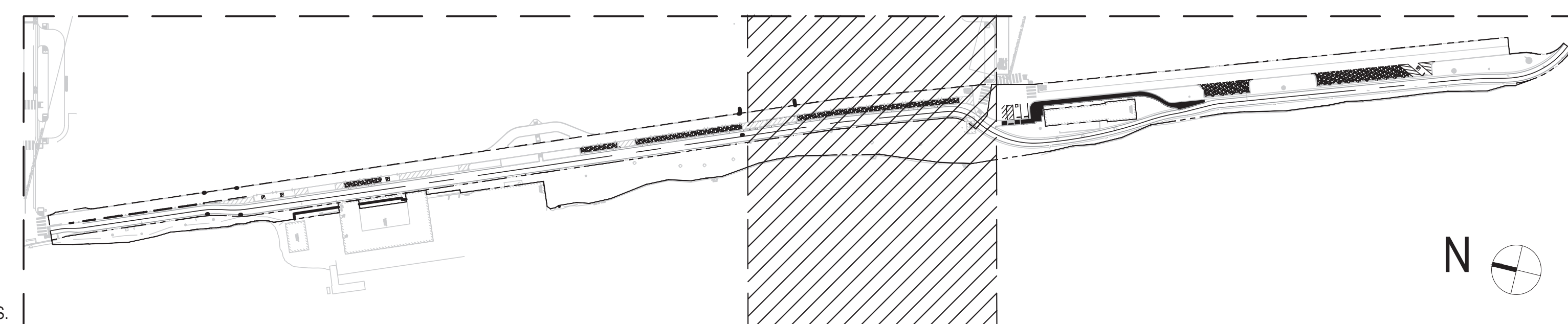
Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 95710
Tel: 510.524.3363
Fax: 510.524.3863

MATERIAL PLAN LEGEND

-  STABILIZED DG
-  PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 4
SCALE: 1"=10'



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

MATERIAL PLAN 4

Scale
1"=10'

L1.2.04

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel: 650.838.0100

LB2 PARTNERS
Tel: 415.845.7500




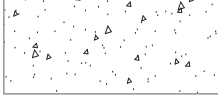


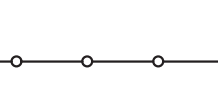



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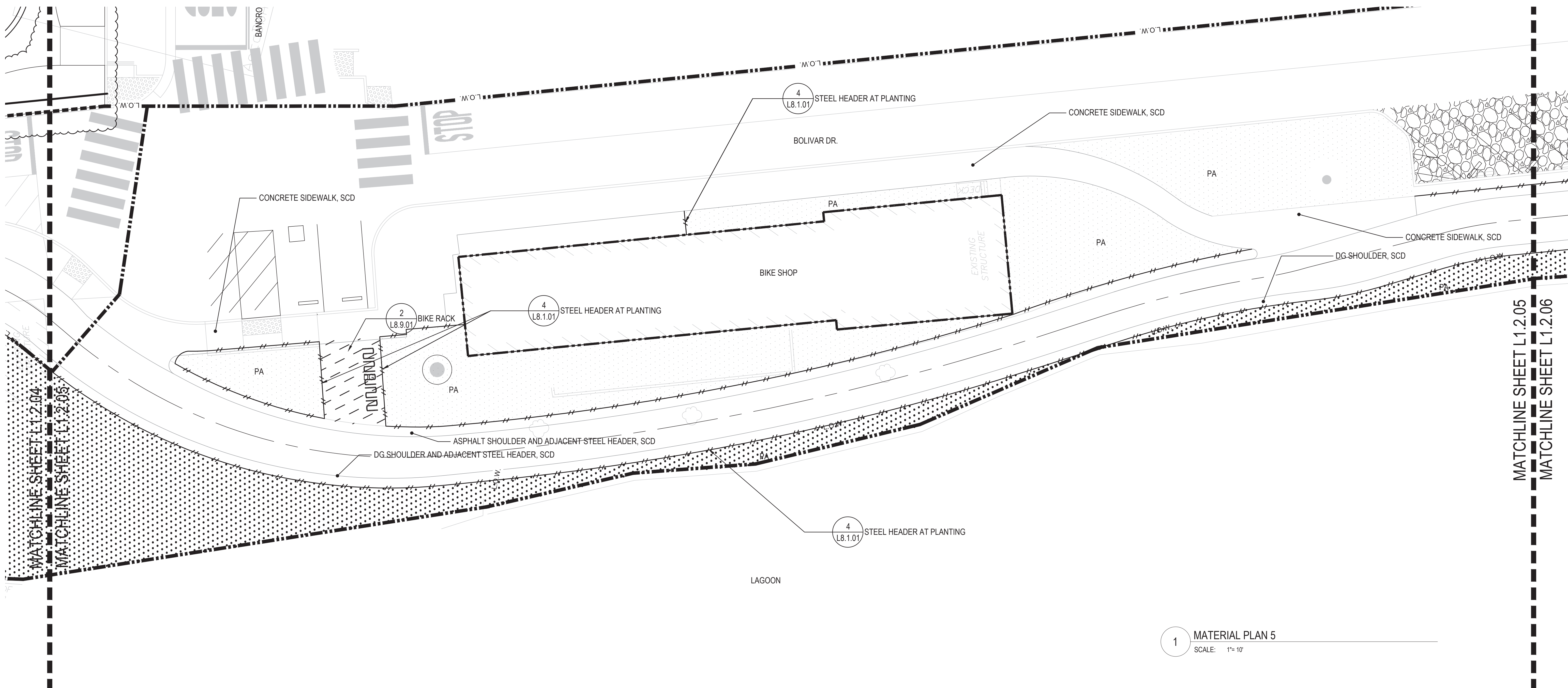
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States
Tel: 510.625.7400
Fax: 510.625.7499

TLS Landscape Architecture

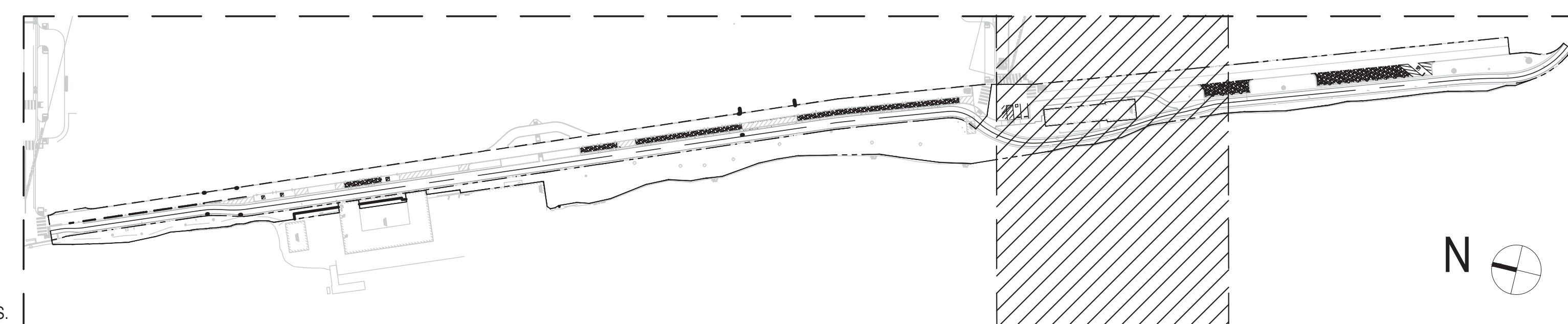
Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 94710
Tel: 510.524.3363
Fax: 510.524.3863

MATERIAL PLAN LEGEND

-  STABILIZED DG
-  PA PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 5
SCALE: 1"=10'



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description
MATERIAL PLAN 5

Scale
1"=10'

L1.2.05

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

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Tel: 415.845.7500

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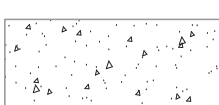






Tel: 510.625.7400
Fax: 510.625.7499

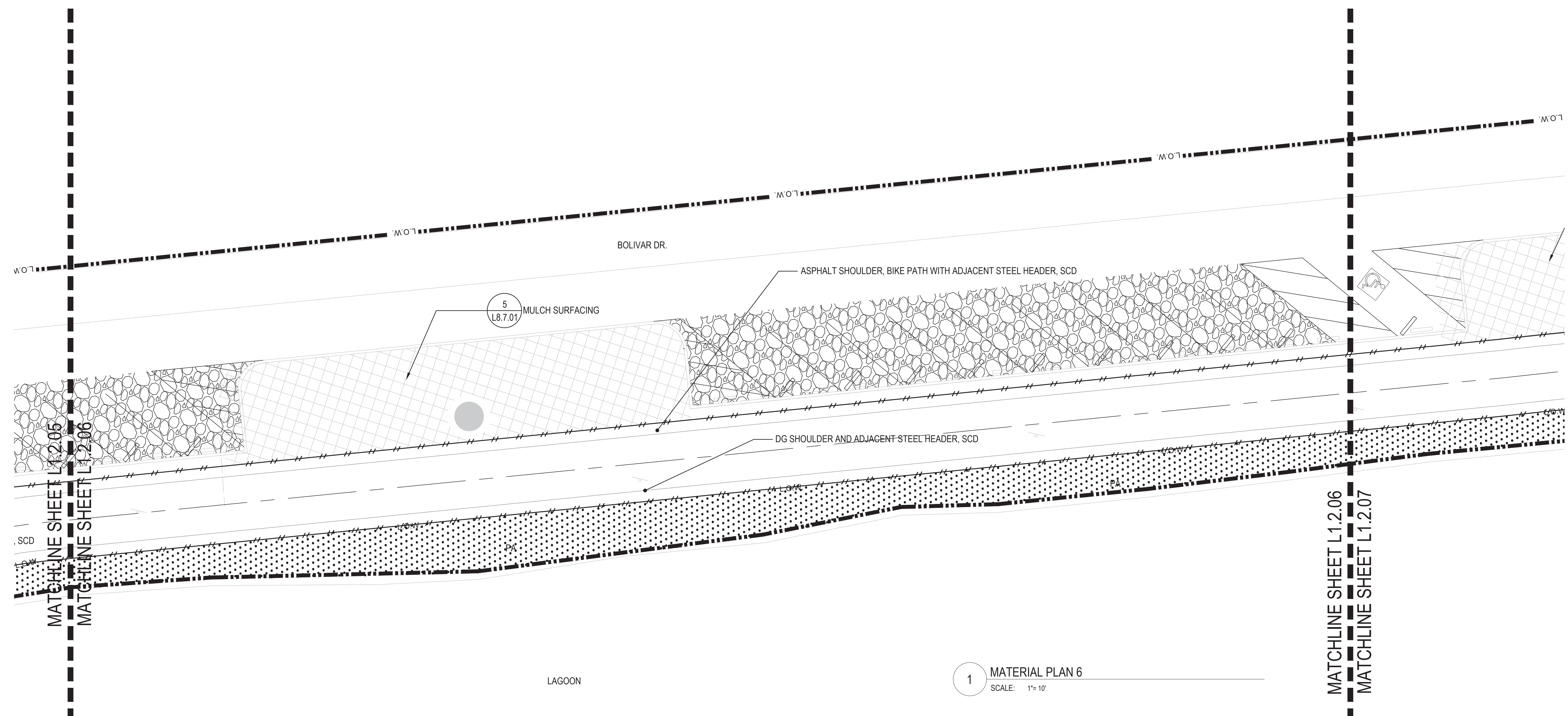
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Tel: 510.524.3363
Fax: 510.524.3863

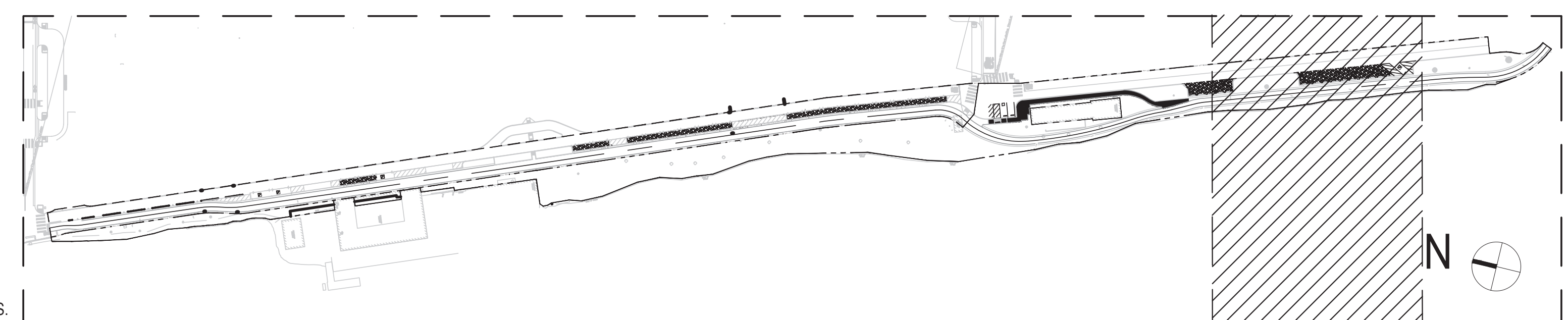
MATERIAL PLAN LEGEND

-  STABILIZED DG
-  PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 6
SCALE: 1"=10'

NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

MATERIAL PLAN 6

Scale
1"=10'

L1.2.06

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

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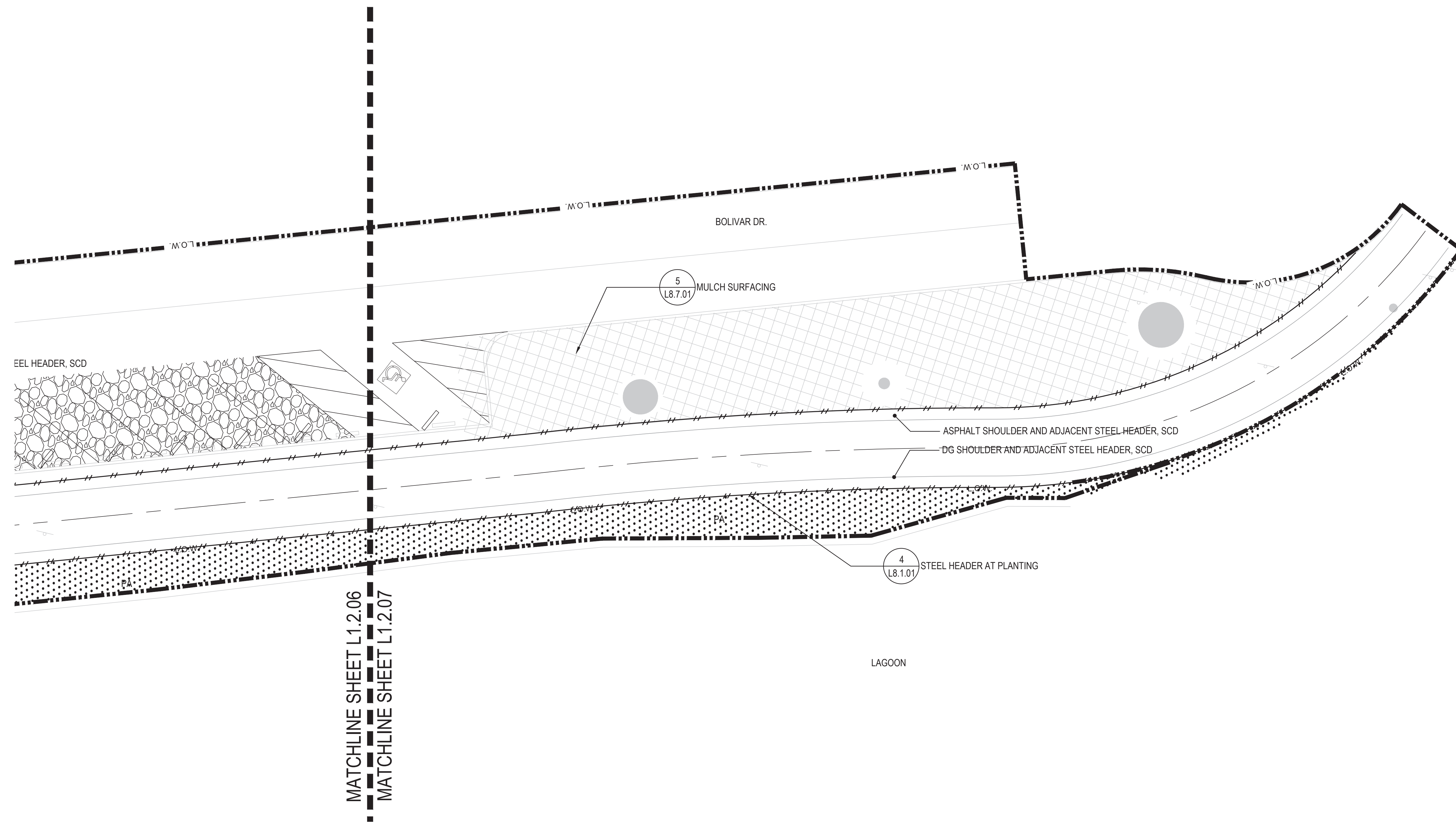
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Berkeley, CA 94710

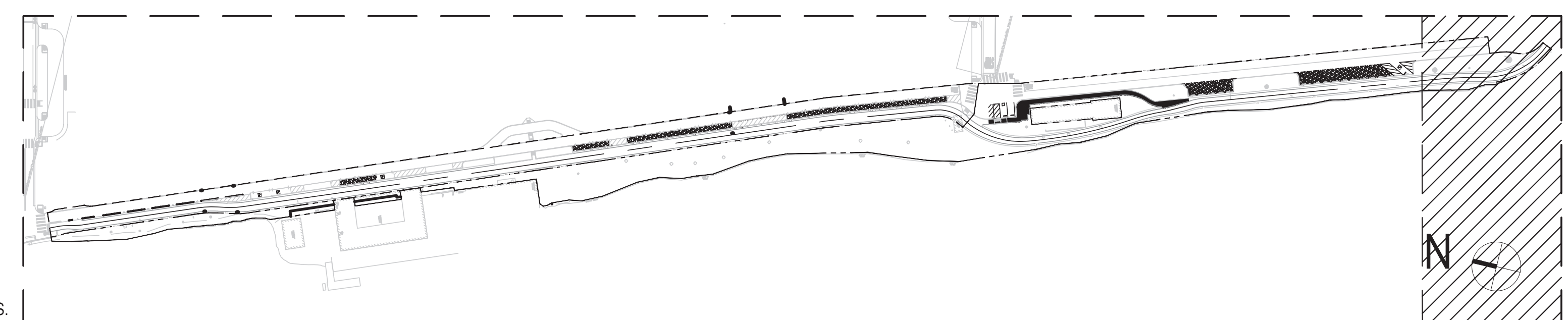
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Fax: 510.524.3863

MATERIAL PLAN LEGEND

-  STABILIZED DG
-  PLANTING AREA
-  BARK MULCH
-  CONCRETE
-  TIMBER BENCH WITHOUT BACK
-  BENCH WITH BACK
-  DOG FENCE
-  SECURITY FENCE
-  SECURITY FENCE VEHICULAR GATE
-  STEEL HEADER



1 MATERIAL PLAN 7
SCALE: 1"=10'



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

MATERIAL PLAN 7

Scale
1"=10'

L1.2.07

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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LR2 PARTNERS
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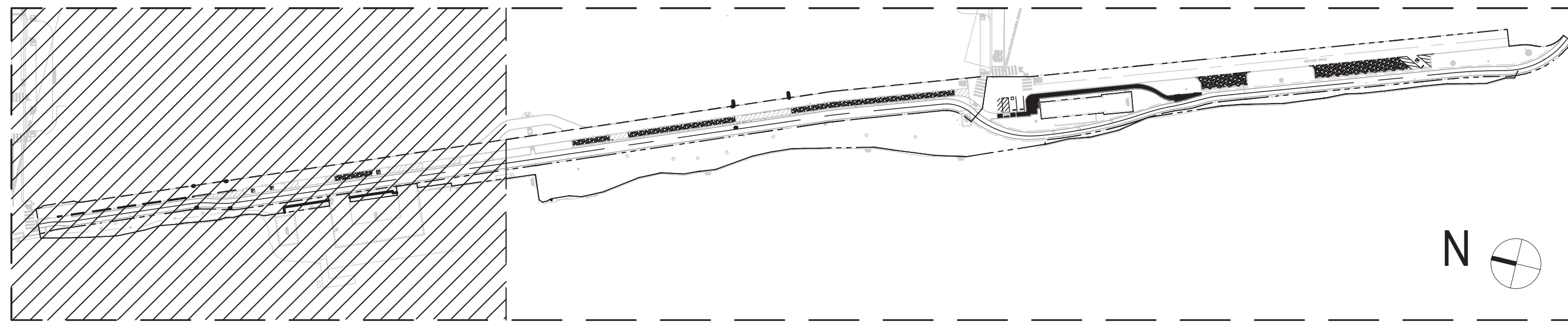
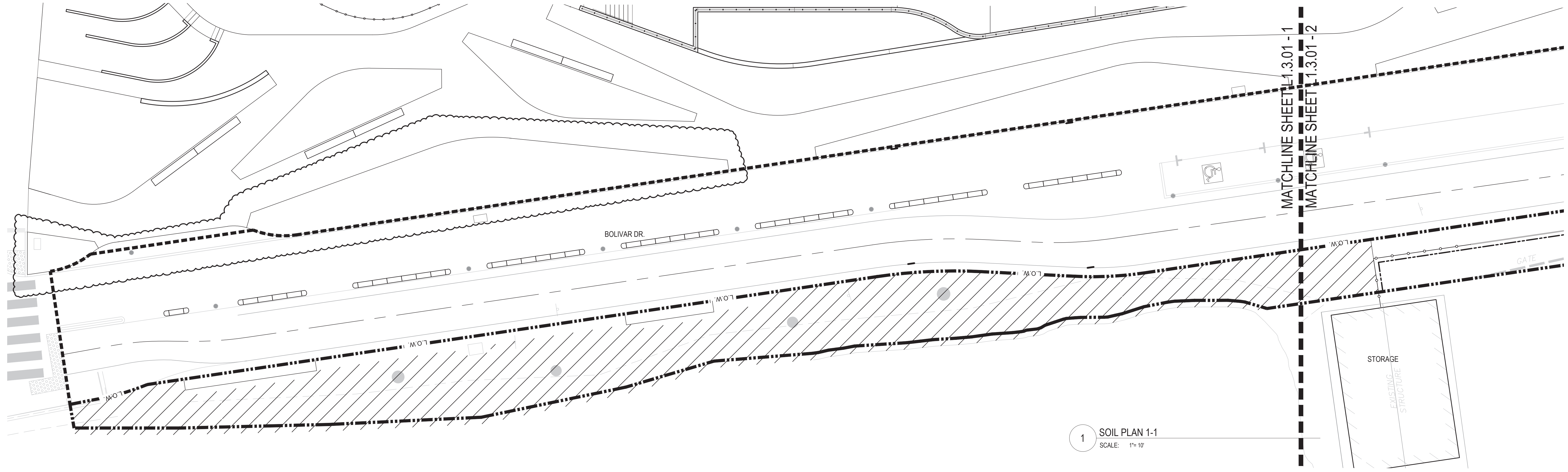
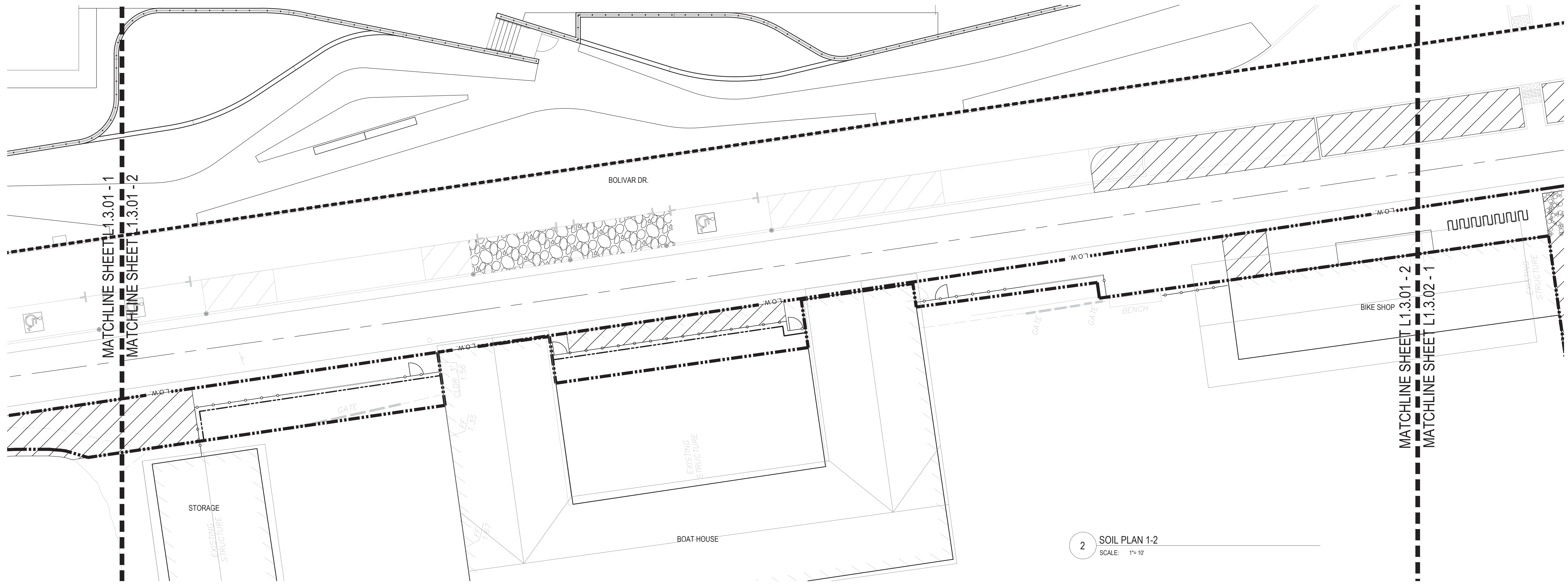
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Fax 510.625.7499

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NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

Date	Description
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02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

SOIL PLAN 1-1 & PLAN 1-2

Scale
1"=10'

L1.3.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

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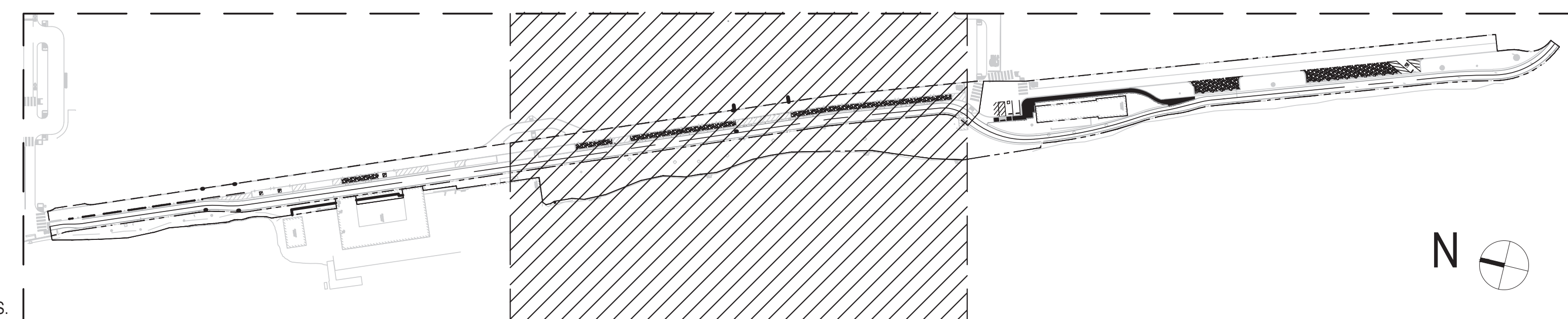
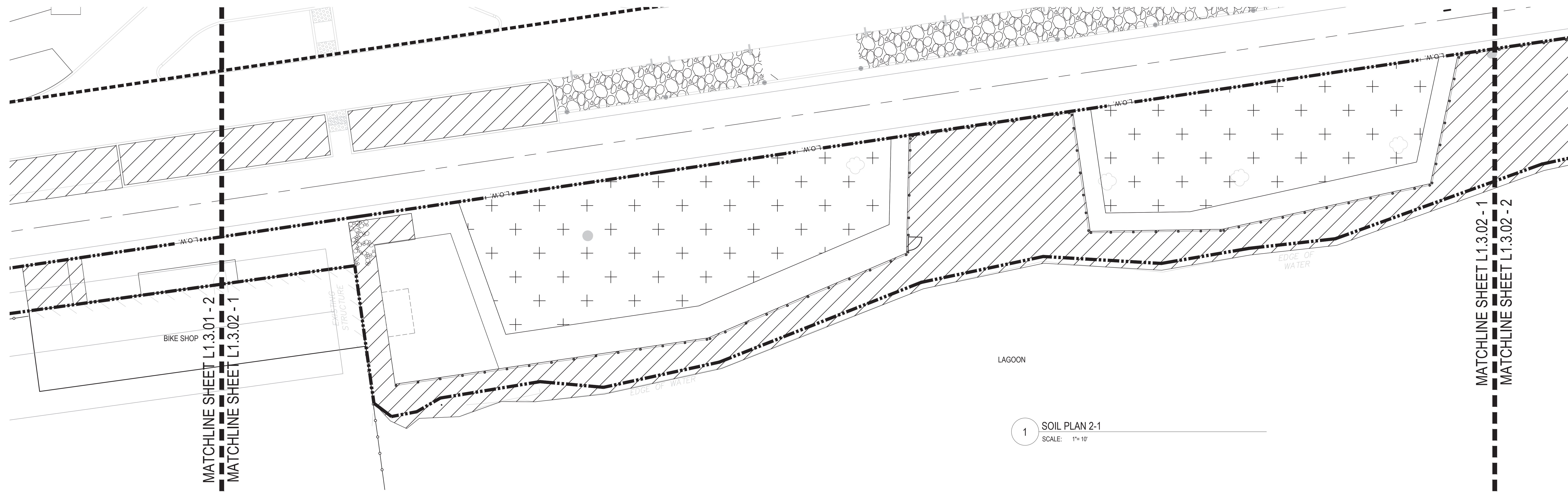
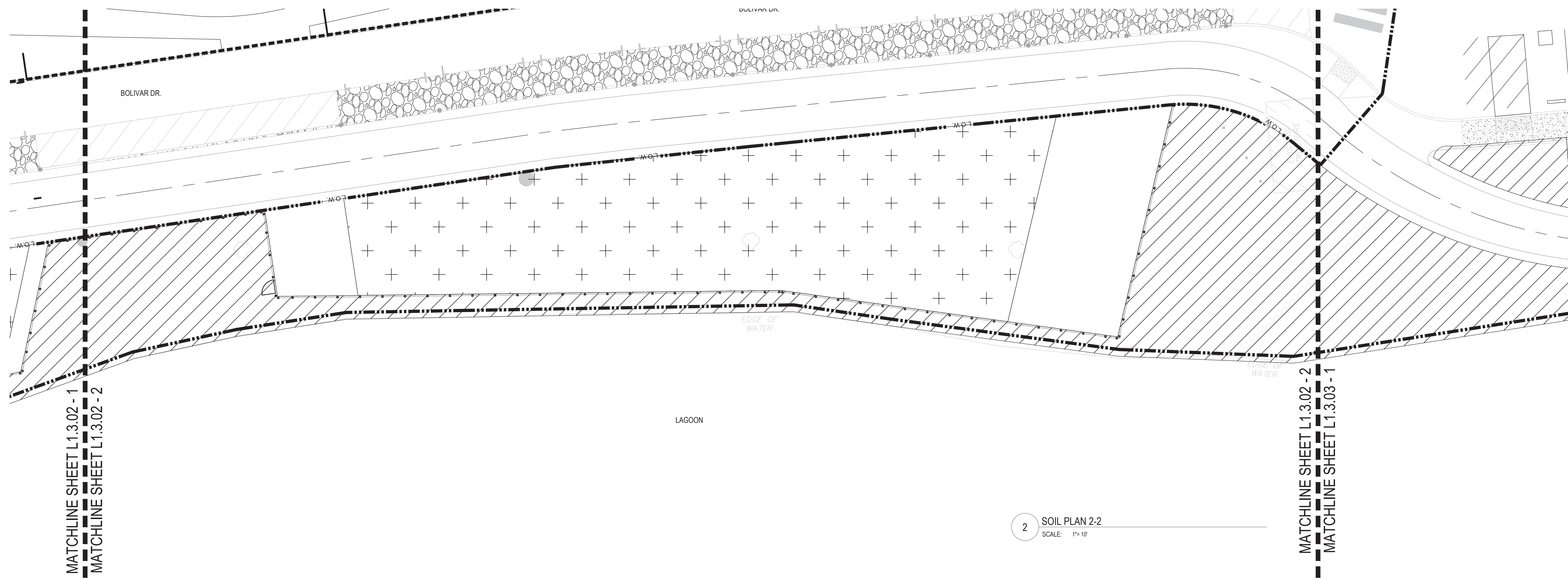
Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
SOIL PLAN 2-1 & PLAN 2-2

Scale
1"=10'

L1.3.02



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

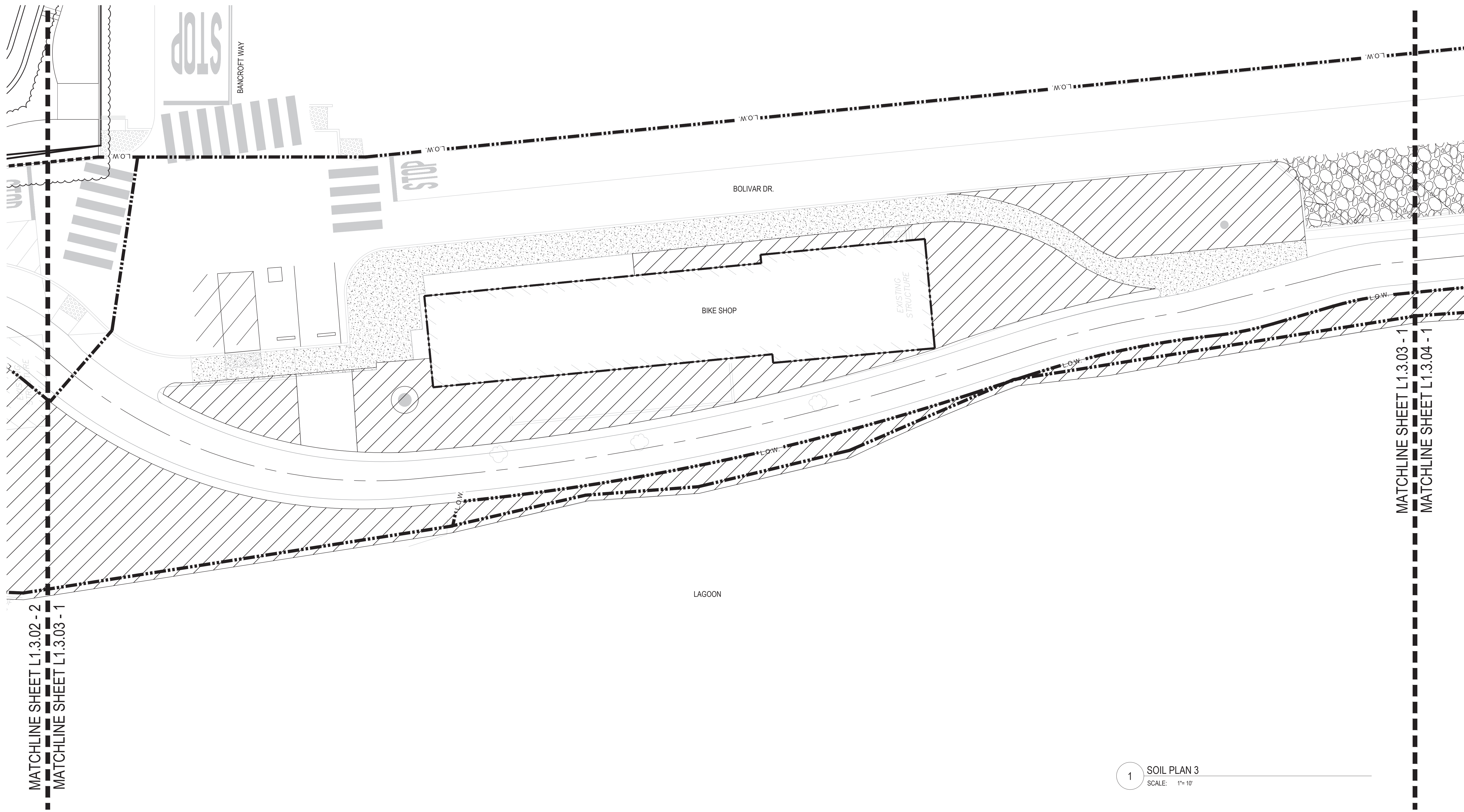
SOIL PLAN 3

Scale

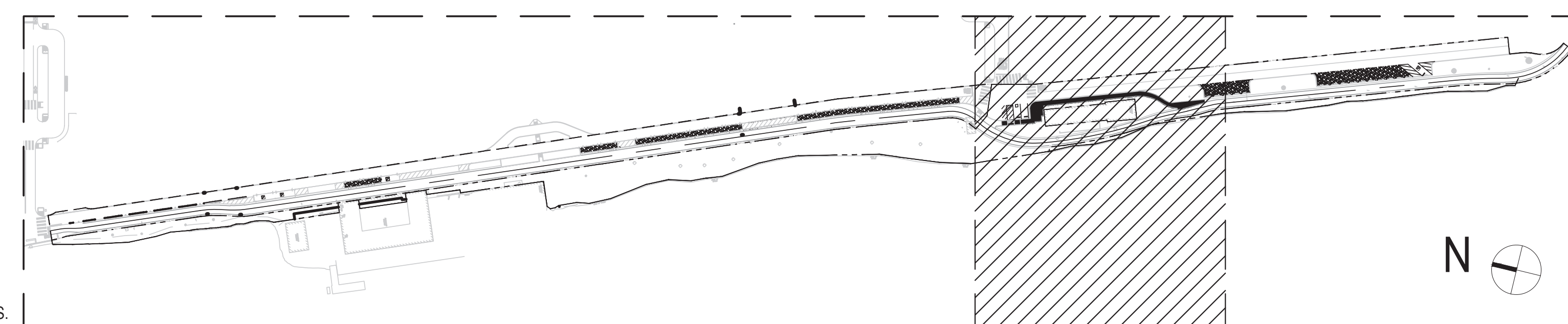
1"=10'

L1.3.03

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1 SOIL PLAN 3
SCALE: 1"=10'



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

MATCHLINE SHEET L1.3.02 - 2
MATCHLINE SHEET L1.3.03 - 1

MATCHLINE SHEET L1.3.03 - 1
MATCHLINE SHEET L1.3.04 - 1

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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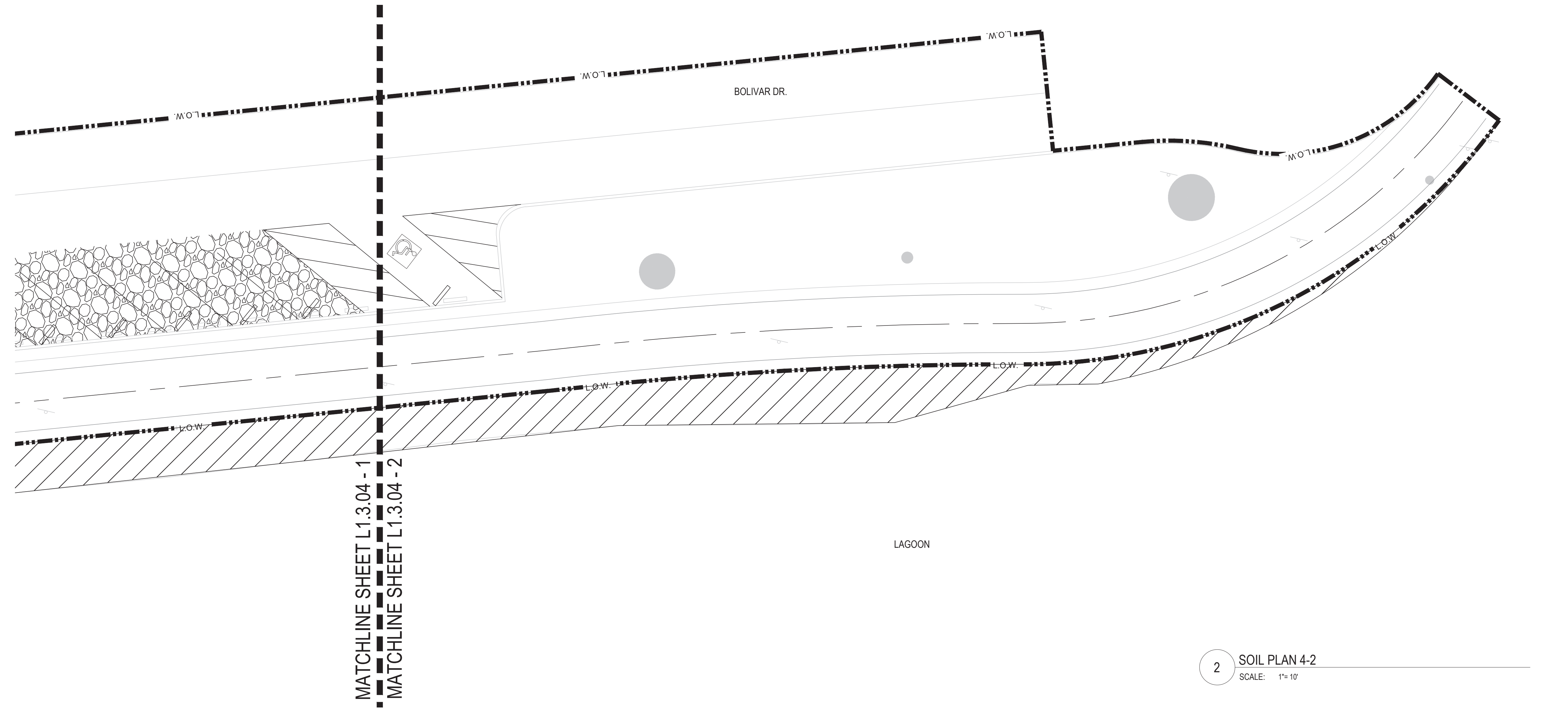
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United States

Tel: 510.625.7400
Fax: 510.625.7499

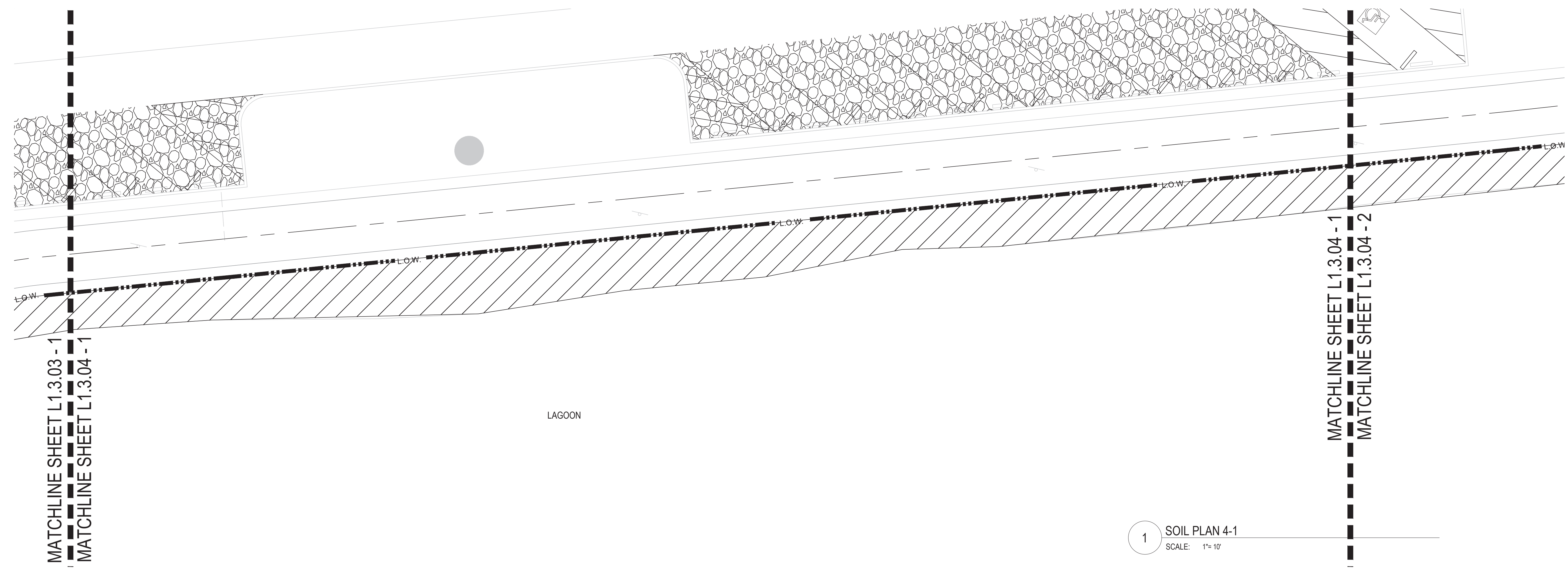
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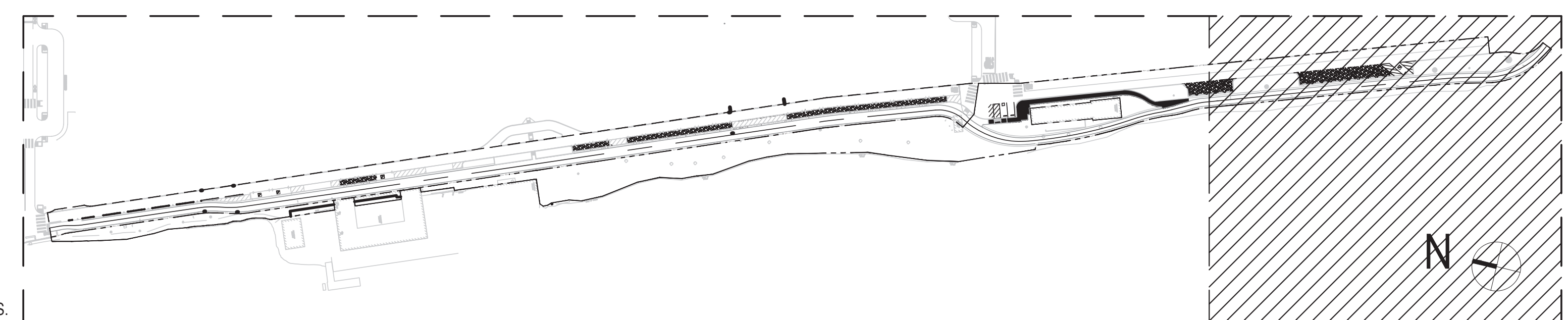
Tel: 510.524.3863
Fax: 510.524.3863



2 SOIL PLAN 4-2
SCALE: 1"=10'



1 SOIL PLAN 4-1
SCALE: 1"=10'



NOTES:
1. SEE L0.00 FOR GENERAL NOTES, ABBREVIATIONS AND LEGENDS.

Date	Description
05.06.2022	30% SUBMISSION
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02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
SOIL PLAN 4-1 & PLAN 4-2

Scale
1"=10'

L1.3.04

TREES										
SYM.	QTY.	ABBR.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	MAX. SPREAD	WUCOLS	NATIVE	SPREAD
	9	AES CAL	<i>Aesculus californica</i>	California Buckeye	15 GAL	AS SHOWN	30'	VL	Y	15'-30'
	18	CER OCC	<i>Cercis occidentalis</i>	Western Redbud	15 GAL	AS SHOWN	15'	VL	Y	10'-15'
	5	LYO FLO	<i>Lyonothamnus floribundus</i>	Catalina Ironwood	15 GAL	AS SHOWN	25'	L	Y	15'-25'
	7	QUE AGR	<i>Quercus agrifolia</i>	Coast Live Oak	15 GAL	AS SHOWN	35'	VL	Y	15'-35'
SHRUBS										
SYM.	QTY.	ABBR.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	MAX. SPREAD	WUCOLS	NATIVE	SPREAD
	6	HET ARB	<i>Heteromeles arbutifolia</i>	Toyon	15 GAL	6' O.C.	8'	L	Y	6'-8'
	8	CEA ARB	<i>Ceanothus arboreus 'Cliff Schmidt'</i>	Cliff Schmidt Ceanothus	24 BOX	6' O.C.	10'	L	Y	5'-10'
FERNS										
SYM.	QTY.	ABBR.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WUCOLS	NATIVE	SPREAD	
	17	BLE SPI	<i>Blechnum spicant</i>	Deer Fern	5 GAL	24" O.C.	M	Y		
	14	POL MUN	<i>Polystichum munitum</i>	Sword Fern	5 GAL	24" O.C.	M	Y		

Trees Species Updated 5/22/2023

PERENNIALS AND GRASSES										
SYM.	QTY.	ABBR.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WUCOLS	NATIVE	SPREAD	
	566	ACH MIL	<i>Achillea millefolium</i>	Common Yarrow	1 GAL	18" O.C.	L	Y	0.5'-1.5'	
	226	ACH MIL C	<i>Achillea millefolium var. californica</i>	California Yarrow	1 GAL	18" O.C.	L	Y	1.6'-3.3'	
	281	ACH MIL I	<i>Achillea millefolium var. 'Island Pink'</i>	Island Pink	1 GAL	18" O.C.	L	Y	2'-3'	
	556	ART SUB	<i>Arthrocnemum subterminale</i>	Parish's Pickleweed	1 GAL	24" O.C.	-	Y	3'	
	1793	DIS SPI	<i>Distichlis spicata</i>	Saltgrass	1 GAL	18" O.C.	L	Y	15"-24"	
	141	DES CES	<i>Deschampsia cespitosa</i>	Tufted Hairgrass	1 GAL	24" O.C.	L	Y	3'	
	474	ERI ERI	<i>Ericameria ericoides</i>	Mock Heather	1 GAL	24" O.C.	L	Y	3'-4'	
	88	ERI FAS	<i>Eriogonum fasciculatum</i>	California Buckwheat	1 GAL	30" O.C.	L	VL	Y	
	532	ERI STA	<i>Eriophyllum staechadifolium</i>	Seaside Woolly Sunflower	1 GAL	18" O.C.	L	Y	2'-3'	
	456	FES CAL	<i>Festuca californica</i>	California Fescue	1 GAL	18" O.C.	L	Y	2'-3'	
	538	GRI STR	<i>Grindelia stricta var. platyphylla 'Mendocino'</i>	Spreading Marsh Gumplant	1 GAL	18" O.C.	L	Y	2'-3'	
	468	JAU CAR	<i>Jaumea carnosa</i>	Fleshy Jaumea	1 GAL	24" O.C.	-	Y	3'-15'	
	81	JUN PAT	<i>Juncus patens 'Elk Blue'</i>	Elk Blue California Gray Rush	1 GAL	18" O.C.	L	Y	1'-2'	
	1212	LIM CAL	<i>Limonium californicum</i>	Sea Lavender	1 GAL	18" O.C.	L	Y	1'-2'	
	857	LUP SUC	<i>Lupinus succulentus</i>	Succulent Lupine	1 GAL	18" O.C.	L	Y	2'-3'	
	60	SYM CHI	<i>Symphotrichum chilense</i>	California Aster	1 GAL	24" O.C.	L	Y	3'	

PLANTING LEGEND



NOTES:

- REFER TO SHEET L0.03A FOR TREE PROTECTION PLAN.
- REFER TO SHEET L0.03B FOR TREE PROTECTION NOTES AND DETAILS.
- REFER TO SHEET L0.00 FOR GENERAL NOTES AND ABBREVIATIONS.
- EXISTING TREES SHOWN ON THE PLANS ARE DIAGRAMMATIC. THEY SHOULD ONLY BE USED FOR GENERAL CONCEPTUAL COORDINATION ON THE PROJECT. THE TREES TO BE PROTECTED SHOWN ON THE DRAWINGS CANNOT BE USED FOR DIMENSIONAL ACCURACY.
- IT IS UNDERSTOOD THAT THE CITY IS CONSIDERING OTHER OPTIONS FOR TREE PLANTING. USE THESE PLANTING PLANS FOR BIDDING PURPOSES ONLY. DO NOT PROCURE PLANT MATERIAL OR INSTALL PLANTING UNTIL FINAL DESIGN HAS BEEN CONFIRMED IN WRITING BY THE CITY AND FINAL PLANS HAVE BEEN PREPARED.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST., BERKELEY, CA 94710

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05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

PLANTING LEGEND AND NOTES

Scale
N.T.S.

L1.4.00

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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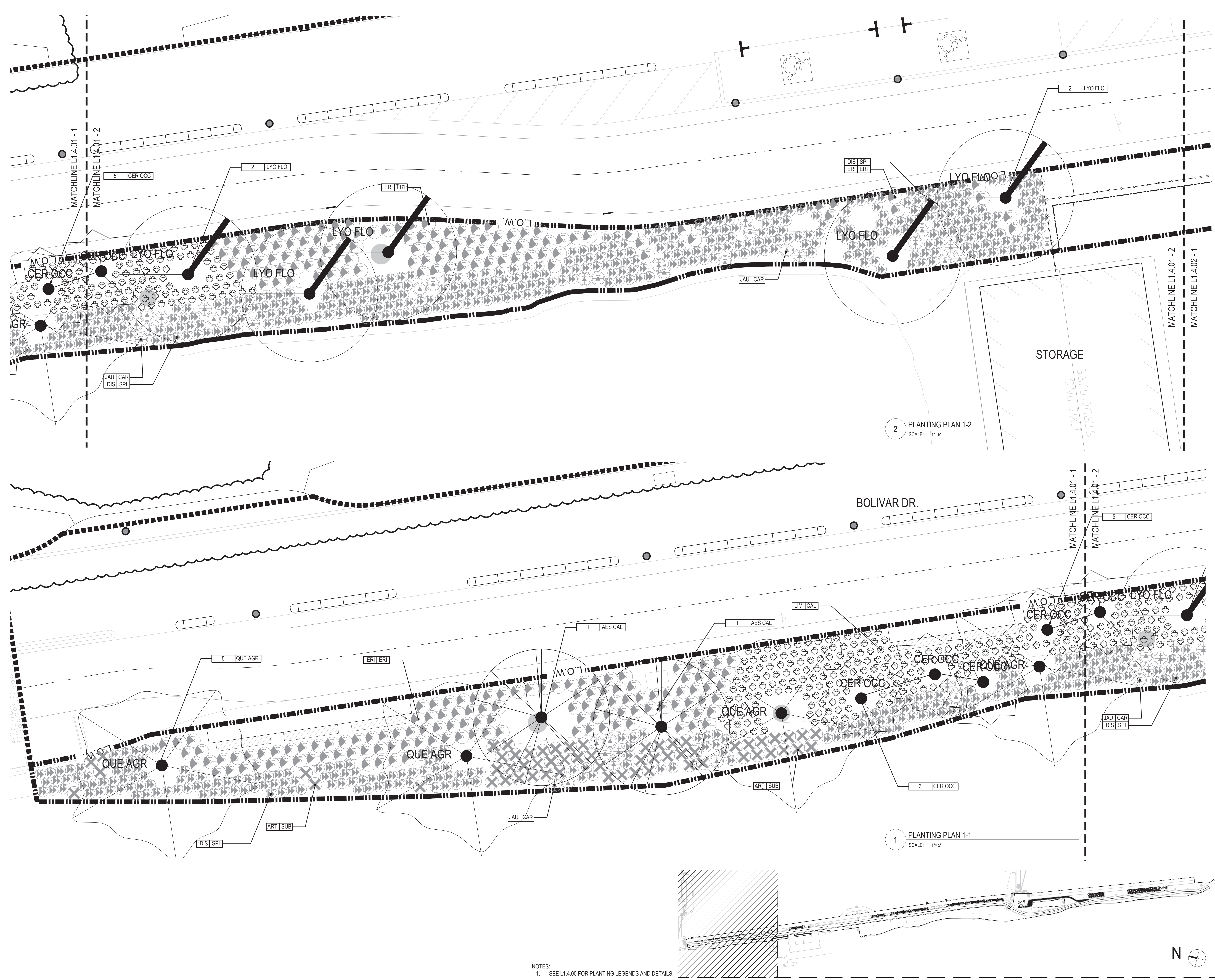
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NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.

Date	Description
05.06.2022	30% SUBMISSION
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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

PLANTING PLAN 1-1 & PLAN 1-2
Scale
1" = 5'

L1.4.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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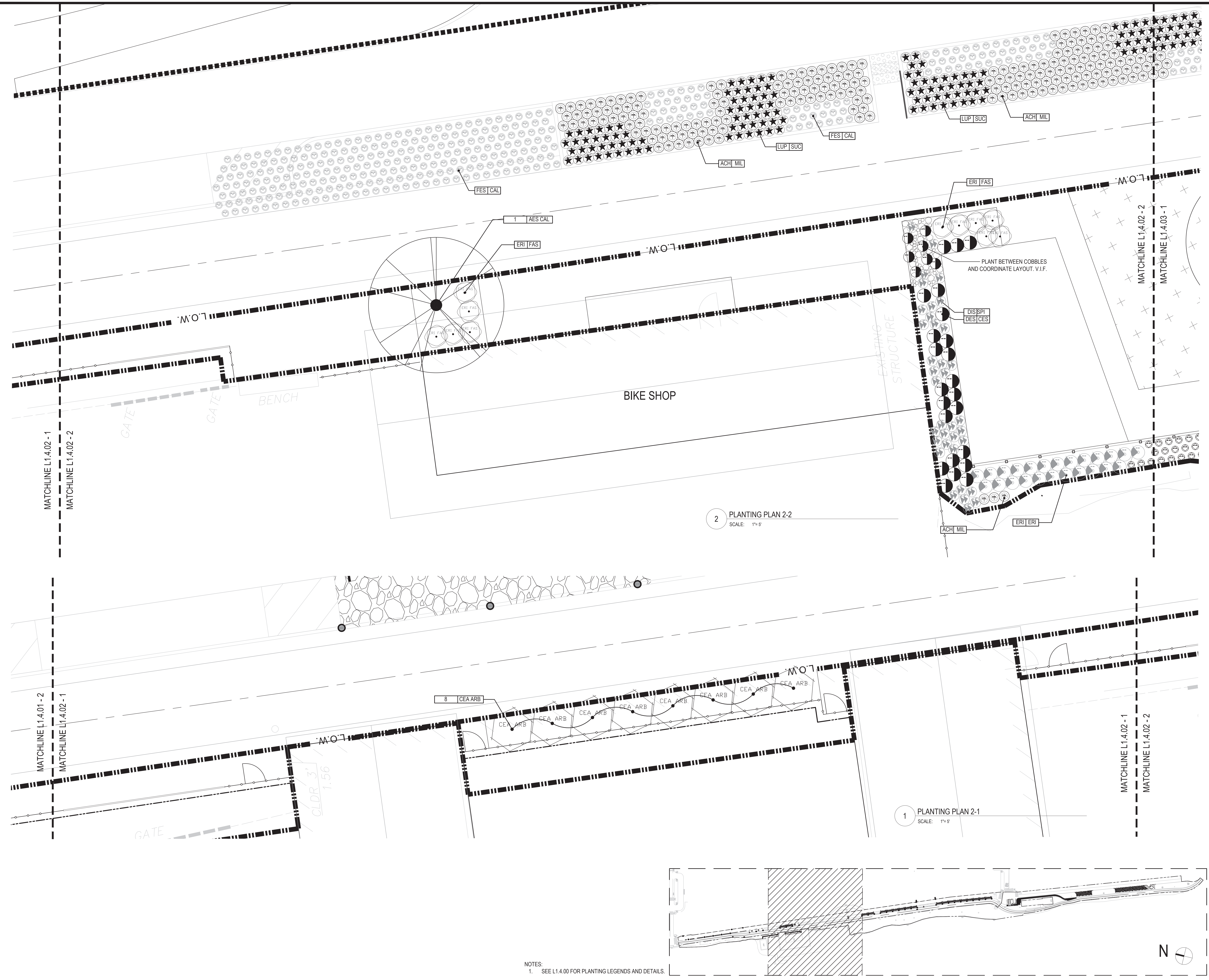
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2 PLANTING PLAN 2-2
SCALE: 1"=5'

1 PLANTING PLAN 2-1
SCALE: 1"=5'

NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.

Date	Description
05.06.2022	30% SUBMISSION
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02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
PLANTING PLAN 2-1 & PLAN 2-2

Scale
1"= 5'

L1.4.02

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel: 650.838.0100

LR2 PARTNERS
Tel: 415.845.7500

Gensler

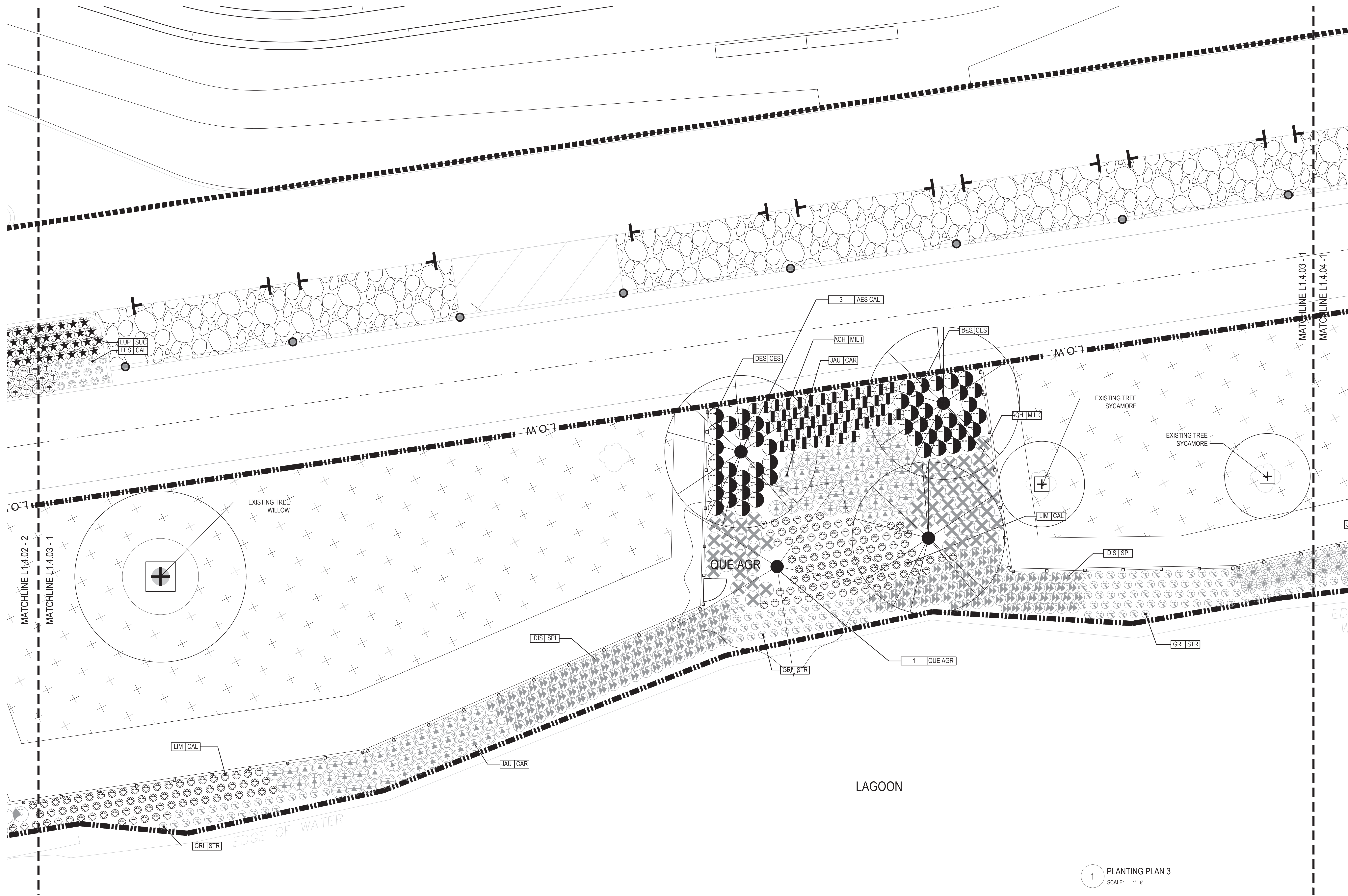
2101 Webster Street
Suite 2000
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Tel: 510.625.7400
Fax: 510.625.7499

TLS Landscape Architecture

Tom Leader Studio Inc.
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Fax: 510.524.3863



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

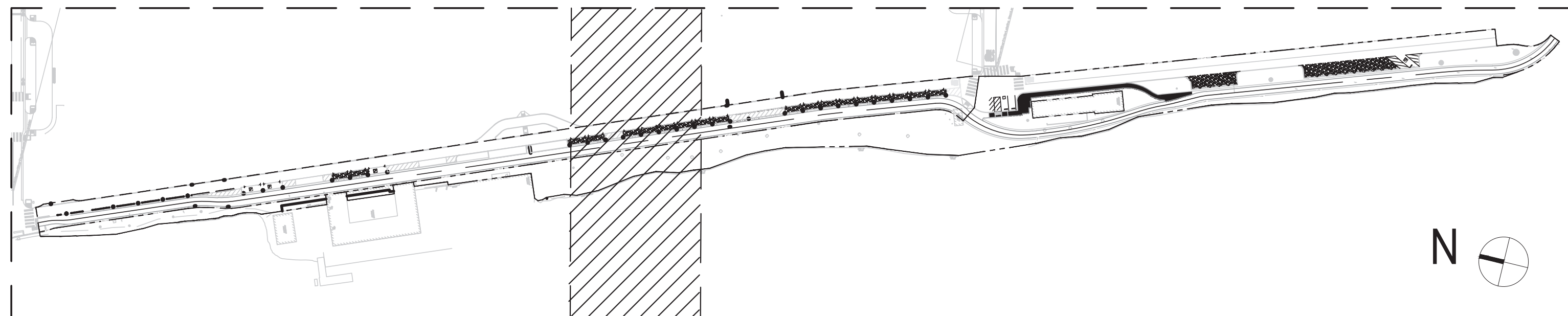
Project Number
33.4462.000

Description
PLANTING PLAN 3

Scale
1" = 5'

L1.4.03

1 PLANTING PLAN 3
SCALE: 1" = 5'



NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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Tel: 415.845.7500

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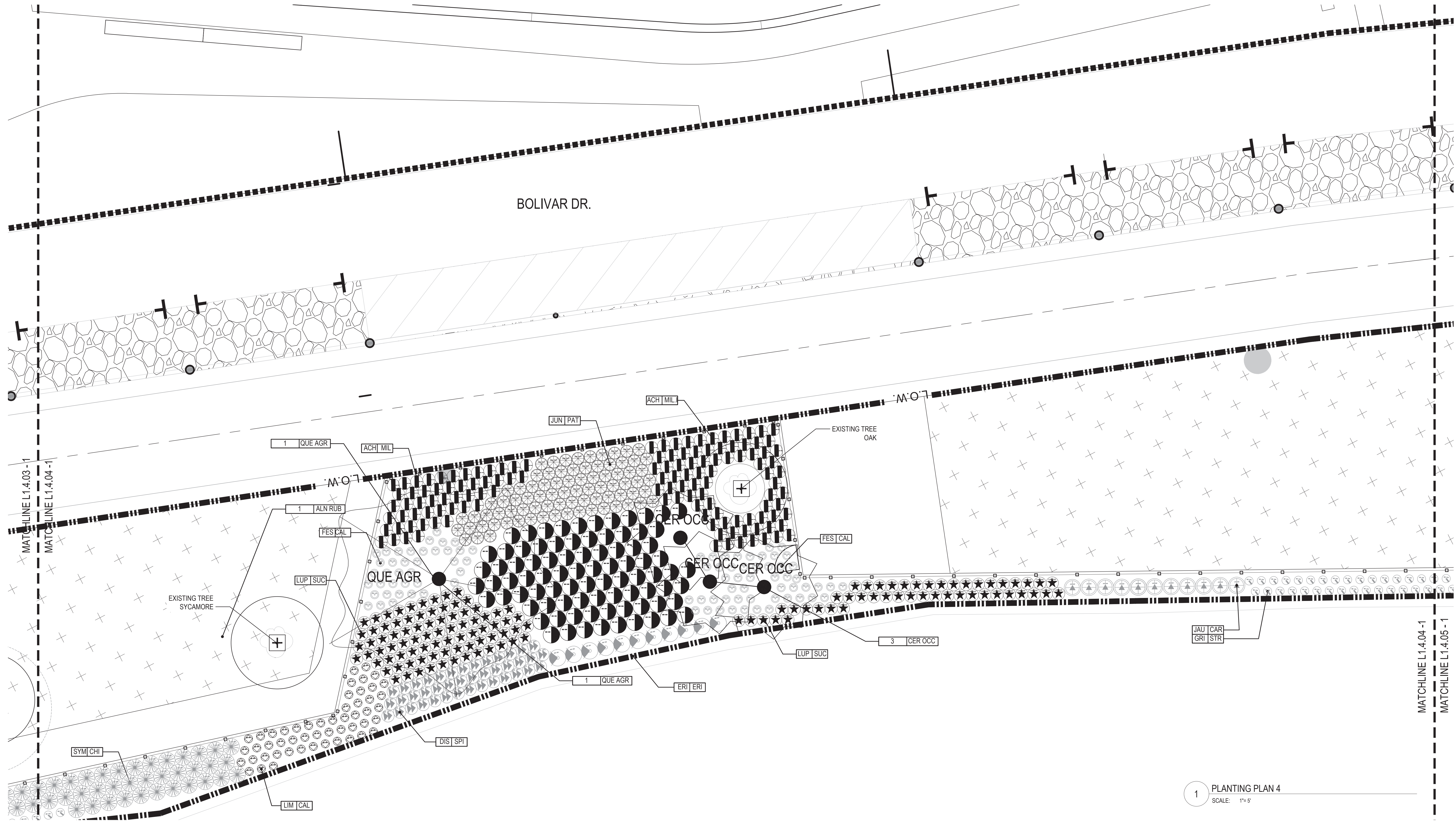
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10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

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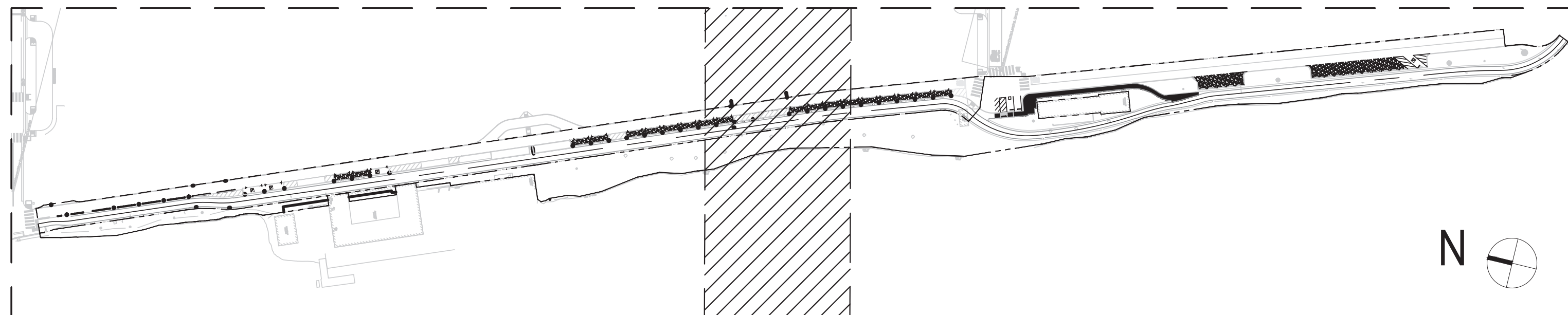
1 PLANTING PLAN 4
SCALE: 1" = 5'

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description
PLANTING PLAN 4

Scale
1" = 5'

L1.4.04

NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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644 Menlo Avenue, 2nd Floor
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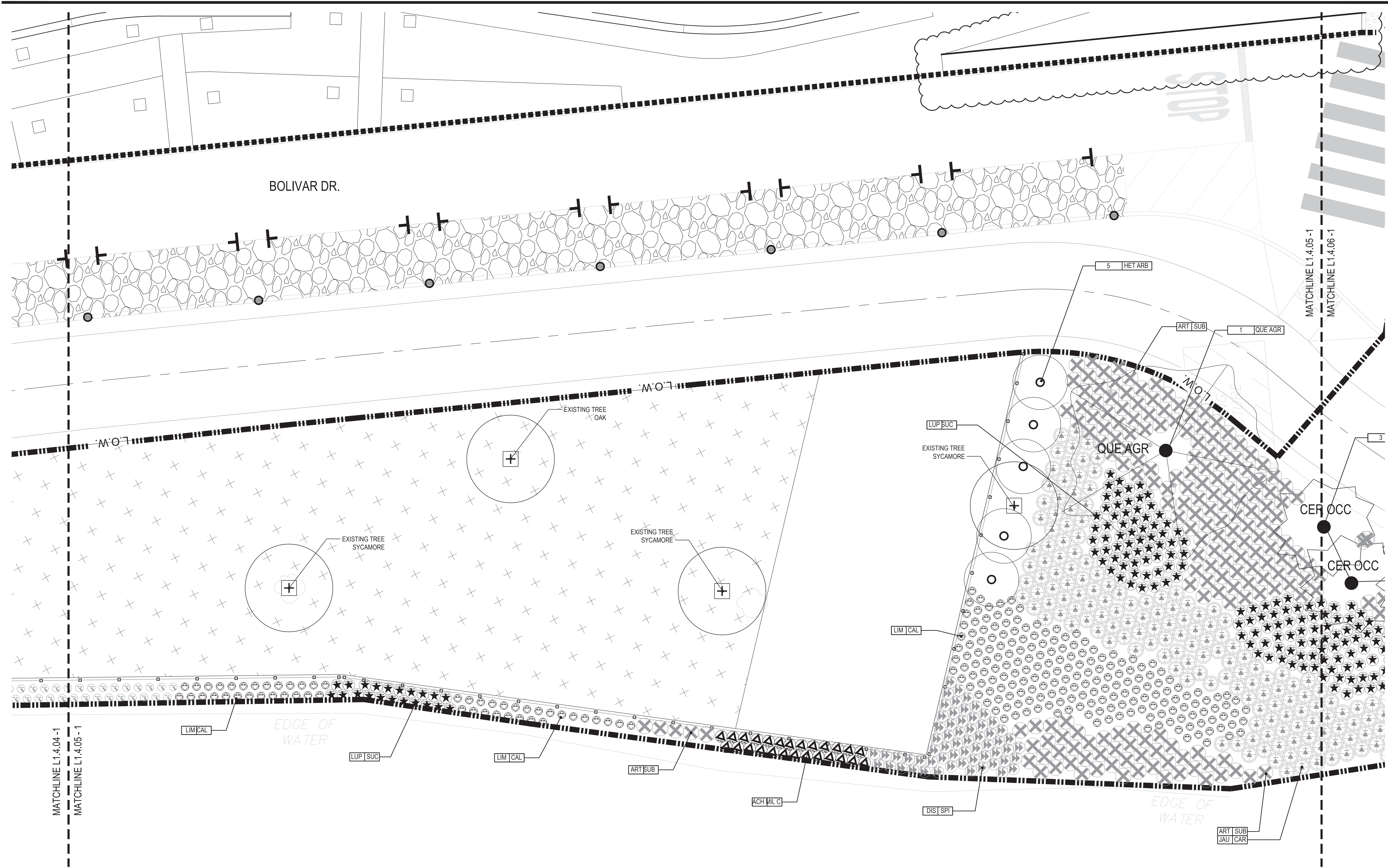
LR2 PARTNERS
Tel: 415.845.7500

Gensler

2101 Webster Street
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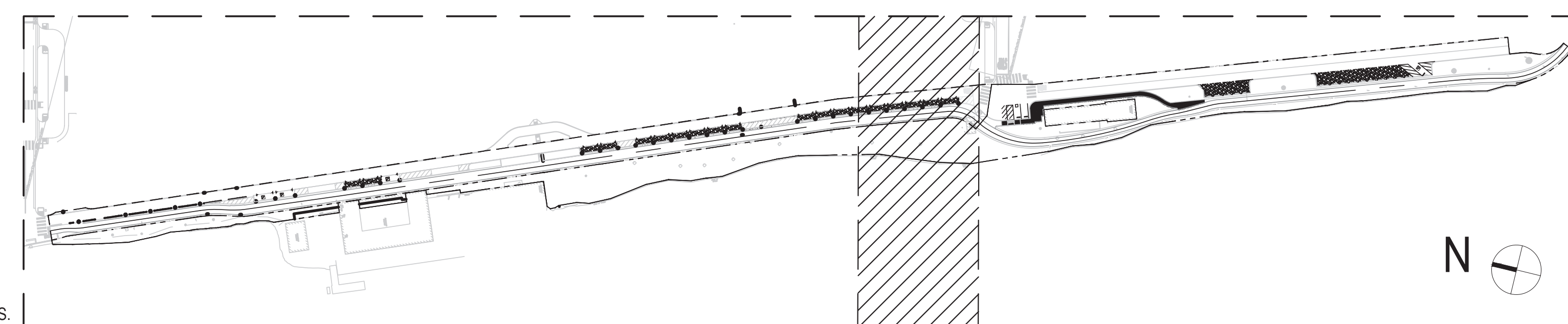
TLS Landscape Architecture

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1 PLANTING PLAN 5
SCALE: 1" = 5'

NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

PLANTING PLAN 5

Scale
1" = 5'

L1.4.05

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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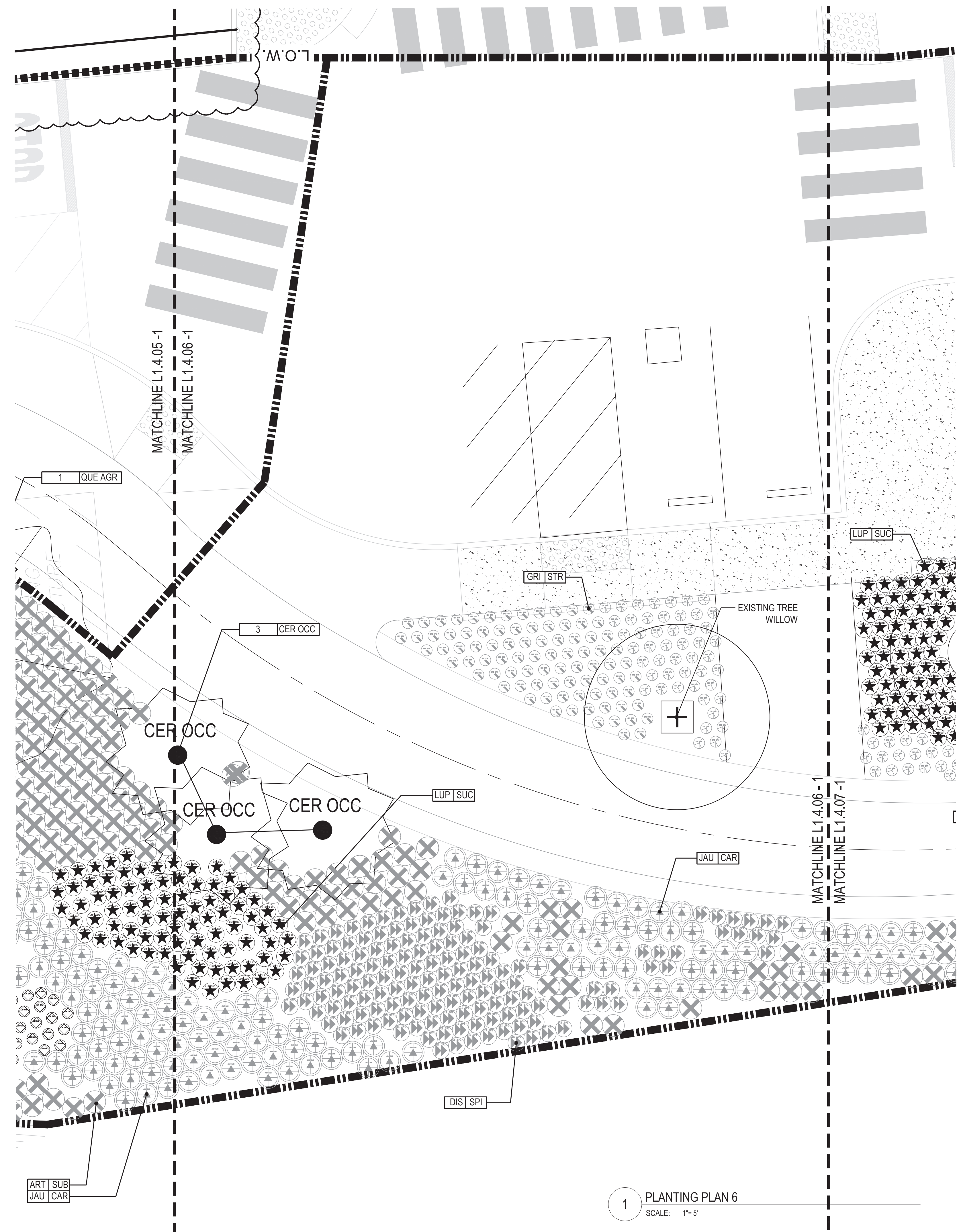
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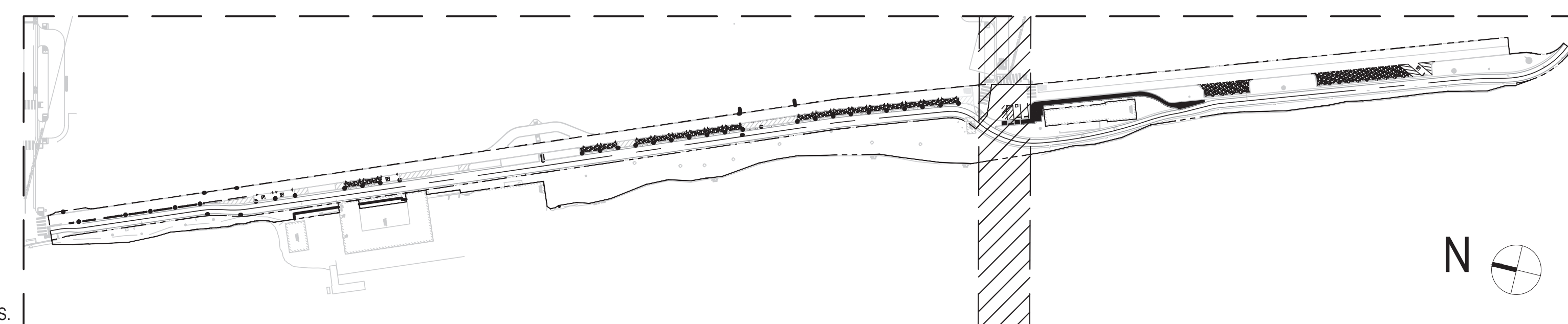
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1 PLANTING PLAN 6
SCALE: 1" = 5'

NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

PLANTING PLAN 6

Scale

1" = 5'

L1.4.06

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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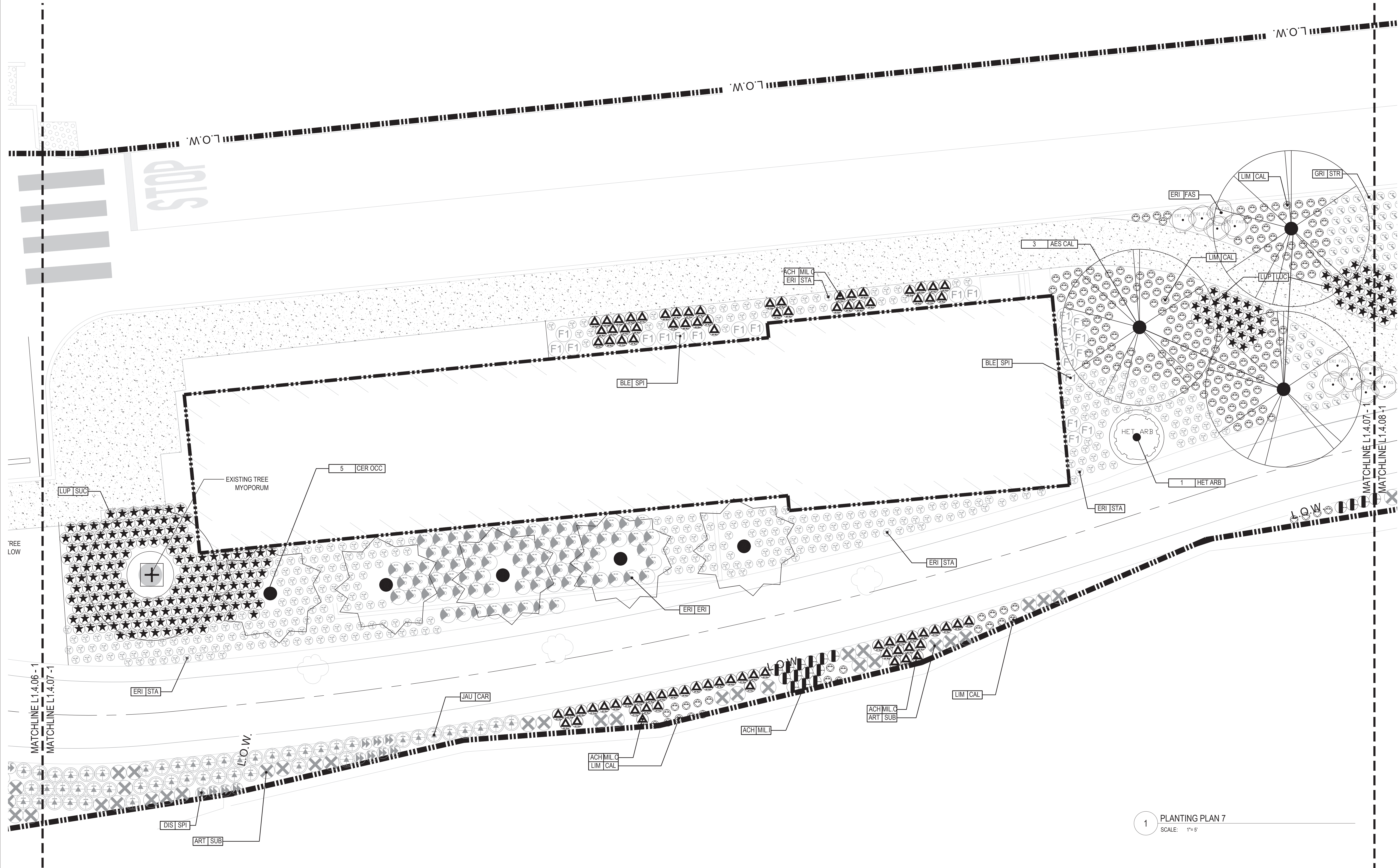
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Date	Description
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10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

1 PLANTING PLAN 7
SCALE: 1"= 5'

Seal / Signature

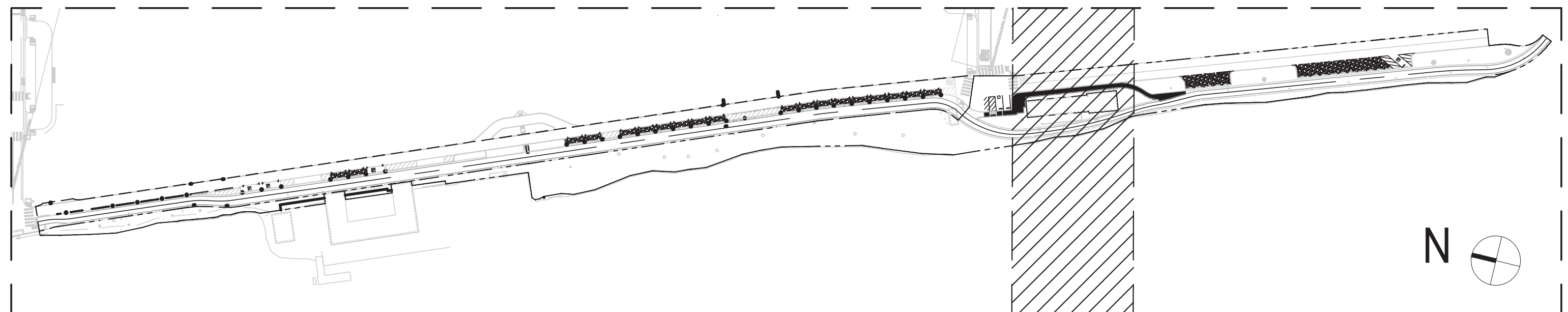
NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description
PLANTING PLAN 7

Scale
1"= 5'

L1.4.07

NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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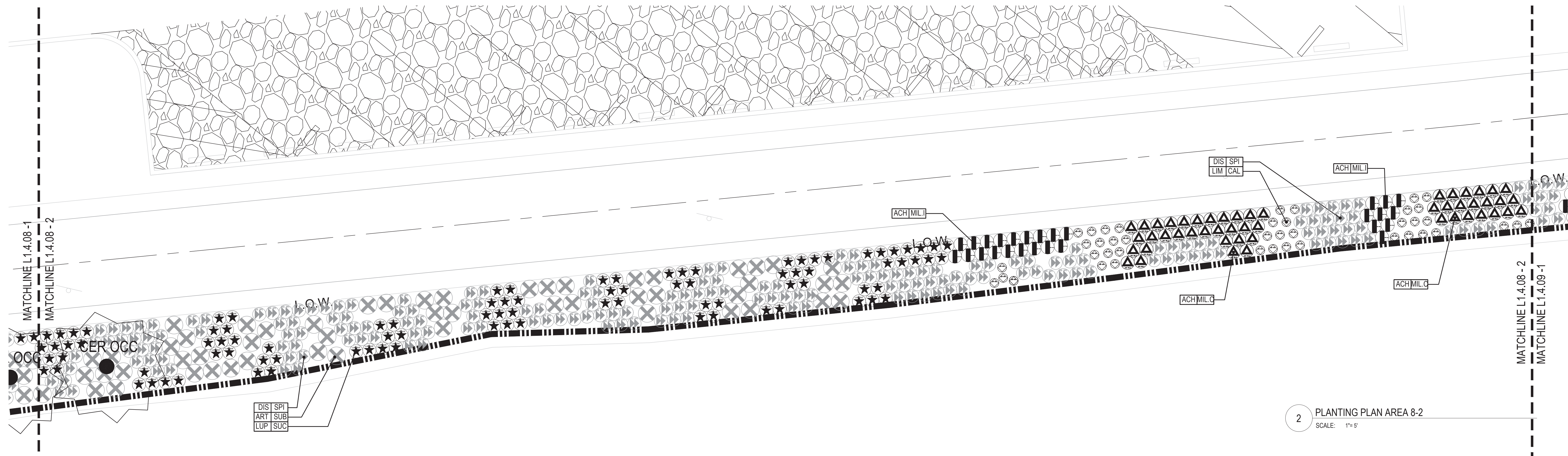
LR2 PARTNERS
Tel: 415.845.7500

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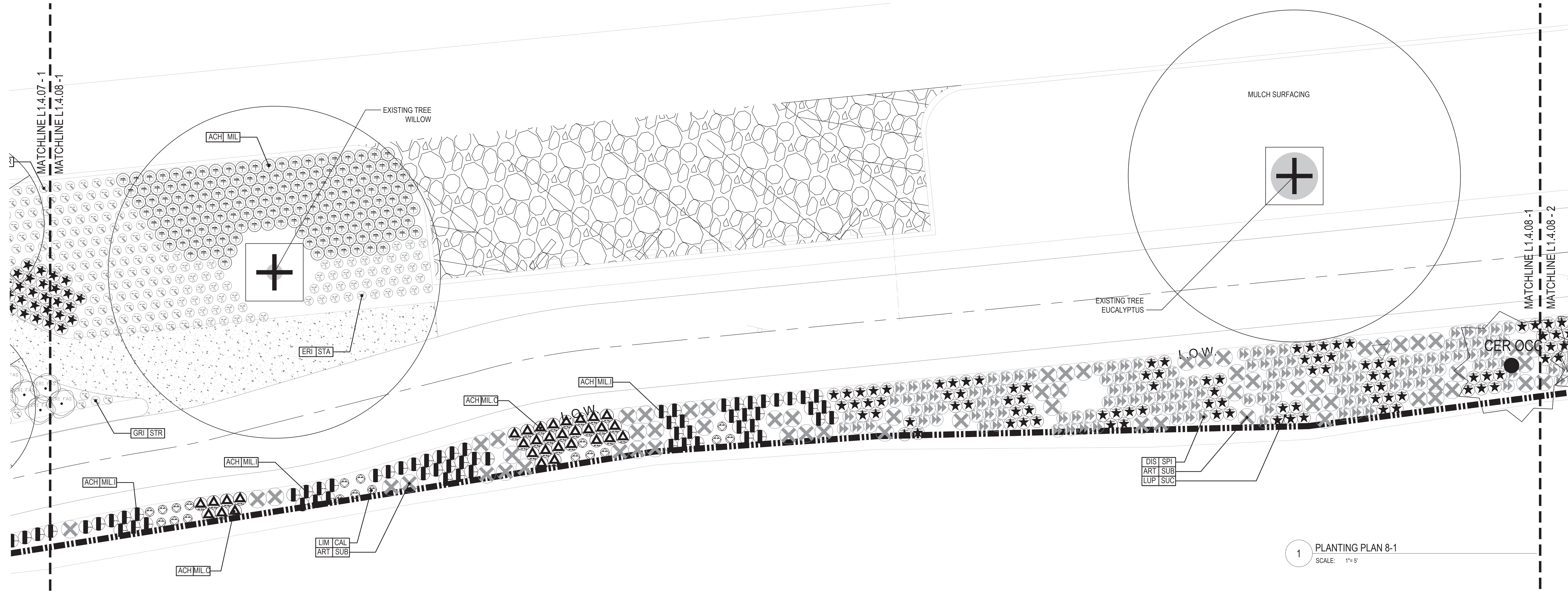
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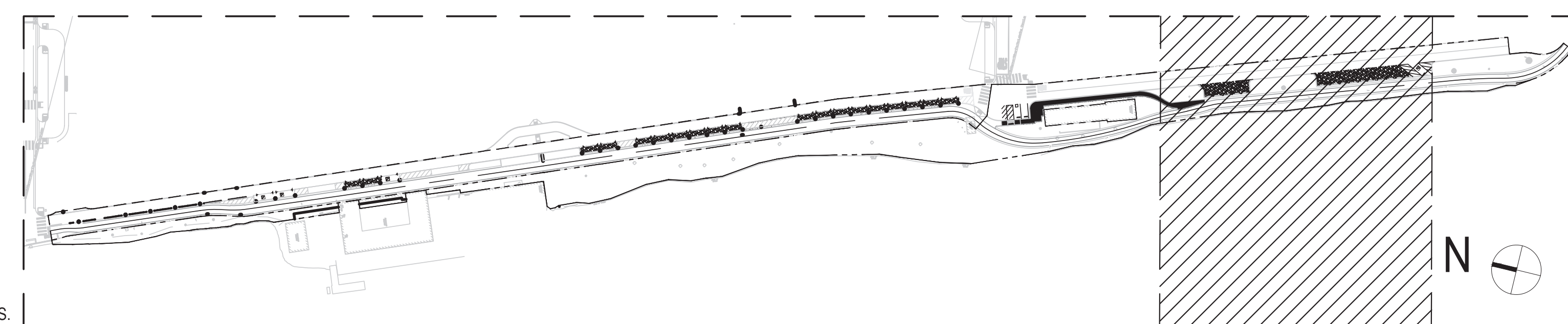
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Fax: 510.524.3863



2 PLANTING PLAN AREA 8-2
SCALE: 1"= 5'



1 PLANTING PLAN 8-1
SCALE: 1"= 5'



NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.

Date	Description
05.06.2022	30% SUBMISSION
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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

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NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

PLANTING PLAN 8-1 & PLAN 8-2

Scale
1"= 5'

L1.4.08

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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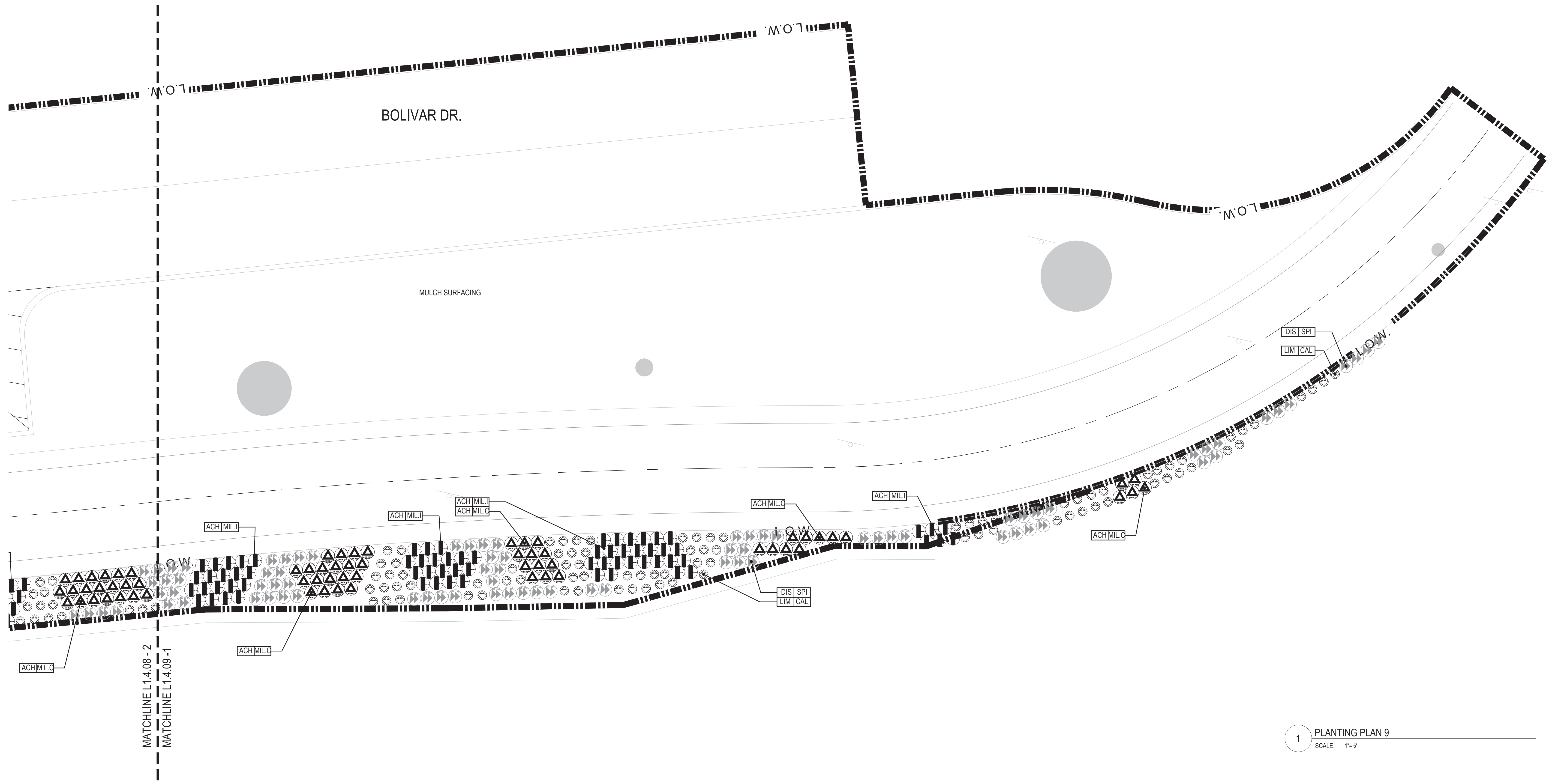
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02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

1 PLANTING PLAN 9
SCALE: 1" = 5'

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

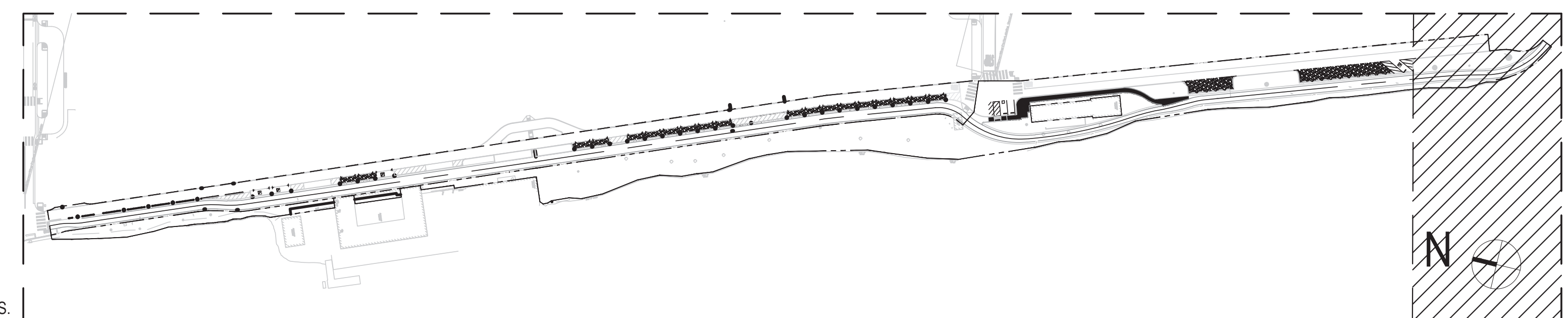
PLANTING PLAN 9

Scale

1" = 5'

L1.4.09

NOTES:
1. SEE L1.4.00 FOR PLANTING LEGENDS AND DETAILS.



IRRIGATION SYSTEM LEGEND		
	IRRIGATION WATER STUB-2"	-BY CIVIL SECTION OF CONTRACT
	CONTROLLER ASSEMBLY	-ITS-ICA7-HP3-48/CENTRAL COMS
	MASTER CONTROL VALVE	-SUPERIOR-3100-2"
	FLOW SENSOR	-HYDROPOINT
	RAIN SENSOR	-HUNTER-MINI-CLIK/SG-MC
CONTROLLER ASSEMBLY SHALL BE ORDERED THROUGH IMPERIAL TECHNICAL SERVICES (925) 667-2190.		
	REMOTE CONTROL VALVE	-RAINBIRD-EFB-CP SERIES
	QUICK COUPLING VALVE	-RAINBIRD-33DRC
	GATE VALVE	-NIBCO-T113-K-LINE SIZE
	DRIP CONTROL VALVE	-RAINBIRD-EFB-CP WITH QKCHK-100 AND PSI-L30X-075
	DRIP FLUSH VALVE	-SEE DETAIL
	6" POP-UP SPRAY HEADS	-TORO-570Z-6P-PRX-COM-O-T-15-H,T,Q
	6" POP-UP SPRAY HEADS	-TORO-570Z-6P-PRX-COM-O-T-12-F,H,Q
	6" POP-UP SPRAY HEADS	-TORO-570Z-6P-PRX-COM-O-T-10-F,H,Q
	6" POP-UP SPRAY HEADS	-TORO-570Z-6P-PRX-COM-O-T- 8-F,H,T,Q
	TREE BUBBLER	-RAINBIRD-1401
	IRRIGATION SUPPLYLINE-2" & LARGER	-1120/CLASS 315 PVC PIPE -18" COVER
	IRRIGATION SUPPLYLINE-1.5" & SMALLER	-1120/SCHEDULE 40 PVC PIPE -18" COVER
	IRRIGATION LATERAL LINE	-1120/SCHEDULE 40 PVC PIPE -12" COVER
	IRRIGATION DRIPLINE	-RAINBIRD-XFD TUBING WITH TWO (2) RAINBIRD-XB-10PC EMITTERS PER 1 GALLON PLANT -MULCH COVER
	SLEEVING	-1120/SCHEDULE 40 PVC PIPE -24" COVER
	ELECTRICAL CONDUIT	-PVC SCHEDULE 40 ELECTRICAL -24" COVER
	CONTROLLER STATION NUMBER	
	GALLONS PER MINUTE THROUGH VALVE	
	CONTROL VALVE SIZE	
NOTE: NO PVC PIPING SHALL BE USED IN THE PUBLIC RIGHT-OF-WAY. SCHEDULE 40 GALVANIZED STEEL PIPE AND FITTINGS SHALL BE USED IN PLACE OF PVC.		

IRRIGATION SYSTEM NOTES	
1.	IRRIGATION SYSTEM IS DESIGNED FOR A MAXIMUM OF 40 G.P.M. AT 65 P.S.I. STATIC PRESSURE. VERIFY PRESSURE OF 65 P.S.I. AT THE POINT OF CONNECTION PRIOR TO INSTALLATION OF THE IRRIGATION SYSTEM. NOTIFY OWNERS REPRESENTATIVE OF ANY DISCREPANCIES IN PRESSURE.
2.	NOTIFY OWNERS REPRESENTATIVE SIX (6) DAYS PRIOR TO INSTALLATION FOR A PRE-INSTALLATION CONFERENCE AND FIELD REVIEW COORDINATION FOR TRENCH DEPTHS, ASSEMBLY REVIEW, PRESSURE TESTS, COVERAGE TESTS, PRE- MAINTENANCE AND FINAL REVIEWS. A CONTINUITY TEST WILL BE REQUIRED FOR CONTROL WIRE STUBOUTS. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE.
3.	CONNECT TO DISCHARGE SIDE OF 2" IRRIGATION WATER STUB.
4.	INSTALL CONTROLLER ASSEMBLY APPROXIMATELY WHERE INDICATED. EXACT LOCATION OF CONTROLLER ASSEMBLY TO BE DETERMINED AT JOBSITE BY OWNERS REPRESENTATIVE. 120 VOLT ELECTRICAL SUPPLY IS PROVIDED FOR IN IMMEDIATE VICINITY BY ELECTRICAL SECTION OF CONTRACT. MAKE FINAL 120 VOLT ELECTRICAL CONNECTION TO CONTROLLER. USE THIN WALL METAL CONDUIT ABOVE GRADE. USE WATERPROOF CONNECTIONS FOR OUTDOOR INSTALLATION. PROGRAM CONTROLLER TO NOT EXCEED MAXIMUM FLOW RATE STATED IN NOTE NO. 1. INSTALL PER MANUFACTURERS SPECIFICATIONS. CONTROLLER SHALL BE PROPERLY GROUNDED PER ARTICLE 250 OF THE NATIONAL ELECTRIC CODE AND CONFORM TO LOCAL REGULATIONS AND MANUFACTURERS WRITTEN SPECIFICATIONS. INSTALL AS DETAILED. SEAL ALL CONDUIT HOLES WITH SILICONE OR EQUAL. PROGRAM CONTROLLERS TO IRRIGATE USING MULTIPLE REPEAT CYCLES OF SHORT DURATIONS. CARE SHALL BE TAKEN TO PREVENT RUNOFF OF WATER AND SLOPE/SOIL EROSION DUE TO PROLONGED APPLICATIONS OF WATER. GROUNTING AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS WRITTEN SPECIFICATIONS. PROGRAM CONTROLLERS PER MANUFACTURERS WRITTEN SPECIFICATIONS.
5.	INSTALL EQUIPMENT AS DETAILED. INSTALL R.C.V. ID TAGS MANUFACTURED BY T. CHRISTY ENT. STANDARD SIZE, 1 1/8" HOT STAMPED BLACK LETTERS ON YELLOW BACKGROUND ON SOLENOID WIRES. LETTERS TO CONFORM TO CONTROLLER/STATION NUMBER.
6.	IRRIGATION HEADS SHALL HAVE RISER ASSEMBLIES AS DETAILED.
7.	PIPE UNDER PAVEMENT SHALL BE CLASS 315 PVC FOR 2 INCH AND LARGER, SCHEDULE 40 PVC FOR 1.5 INCH AND SMALLER. PIPE AND WIRING UNDER PAVEMENT SHALL BE INSTALLED AT A TWENTY-FOUR INCH (24") DEPTH BELOW GRADE. PIPE AND WIRING UNDER PAVEMENT SHALL BE INSTALLED IN PVC SCHEDULE 40 SLEEVING AND ELECTRICAL CONDUIT. SLEEVING AND ELECTRICAL CONDUIT SHALL EXTEND TWELVE INCHES (12") BEYOND EDGE OF PAVEMENT OR CURB. INSTALL SAND FOR BACKFILL IN VEHICULAR PAVEMENT AREAS TO 6" COVER ABOVE PIPE. SURROUND PIPE WITH SAND IN AREAS WHERE ROCKY TERRAIN IS ENCOUNTERED.
8.	VALVE CONTROL WIRE SHALL BE AS SPECIFIED BY CONTROLLER MANUFACTURER. CONNECT WIRES WITH 3M DBR/Y6 CONNECTORS PER MANUFACTURERS SPECIFICATIONS. EACH WIRE AT VALVES SHALL HAVE 24" EXCESS COILED LOOP IN VALVE BOXES. TAPE WIRES IN BUNDLES EVERY TEN FEET IN PLANTING AREAS.
9.	DRIP SYSTEM SHOWN IS DIAGRAMATTIC ONLY. INSTALL DRIPLINE ALONG ROWS OF PLANTS. SECURE DRIPLINE TO GRADE WITH GALVANIZED STEEL DRIPLINE STAKES THREE (3) FEET ON CENTER, AND AT ALL BRANCHES AND CHANGES IN DIRECTION. PRIOR TO INSTALLATION OF DRIP SYSTEMS REVIEW DRIP COMPONENTS, EQUIPMENT AND INSTALLATION TECHNIQUES WITH MANUFACTURERS REPRESENTATIVE. SPECIAL ATTENTION SHALL BE PAID WHEN COORDINATING INSTALLATION OF PLANT MATERIALS AND DRIP SYSTEM. AVOID CONFLICTS BETWEEN INSTALLATION OF DRIPLINE AND PLANT LOCATIONS. IF CONFLICTS OCCUR, THEN PLANT INSTALLATION LOCATIONS SHALL HAVE PRIORITY.
10.	PROVIDE LITERATURE OF DRIP SYSTEM COMPONENTS INCLUDING ANY PREVENTATIVE MAINTENANCE AND TROUBLE SHOOTING GUIDES TO OWNER AND REVIEW MAINTENANCE PROCEDURES INCLUDING: CLEANING FILTER IN WYE STRAINERS REPAIRING BREAKS IN PIPES AND RISERS ADDING EMITTERS OR TUBING FOR EXPANSION/INSTALLING PLUGS
11.	MAINTENANCE CONSIDERATIONS: FILTER CLEANING AND FLUSHING SHOULD START OUT AS A MONTHLY PROCEDURE(MORE FREQUENT FOR DIRTY WATER SITUATIONS) AND ADJUST TIMING AS APPROPRIATE. VISUALLY CHECK FOR INDICATIONS OF PIPE BREAKS OR CLOGGED EMITTERS ON A REGULAR BASIS. DURING WINTER MONTHS, WHEN THE SYSTEM IS NOT IN USE, THE DRIP SYSTEM(S) SHOULD BE RUN ABOUT EVERY 2 WEEKS FOR 2-4 MINUTE MINIMUM RUNTIME.
12.	REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING THIS PROJECT.

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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ARTHUR LANDSCAPE IRRIGATION CONSULTING

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Post Office Box 3490 Ukiah, CA 95501
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Date	Description
05.08.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

IRRIGATION NOTES AND LEGEND

Scale

NO SCALE

L1.5.00

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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05.01.2023	100% SUBMISSION

Seal / Signature

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Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

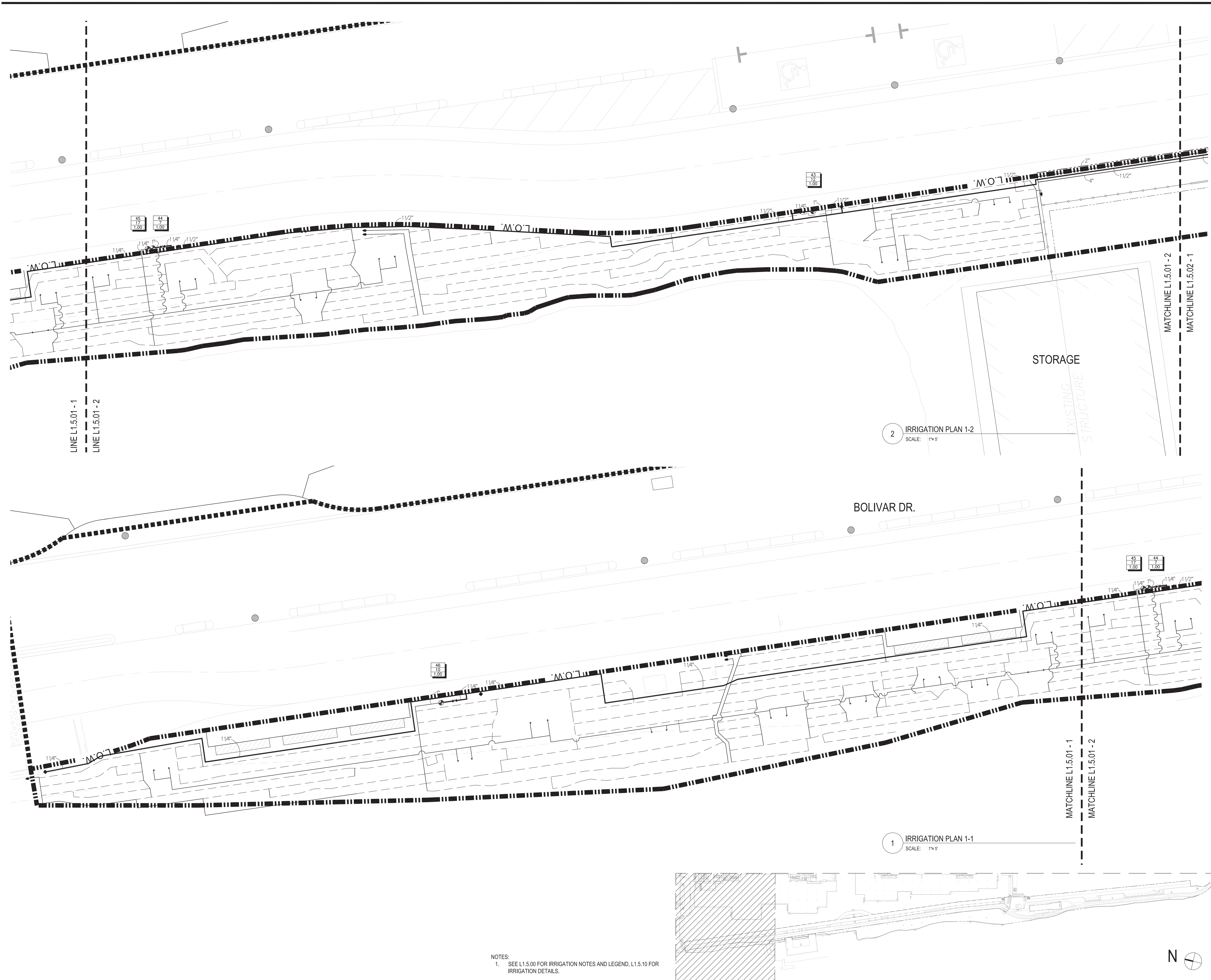
IRRIGATION PLAN AREA 1

Scale

1" = 5'

L1.5.01

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2 IRRIGATION PLAN 1-2
SCALE: 1" = 5'

1 IRRIGATION PLAN 1-1
SCALE: 1" = 5'

NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.



AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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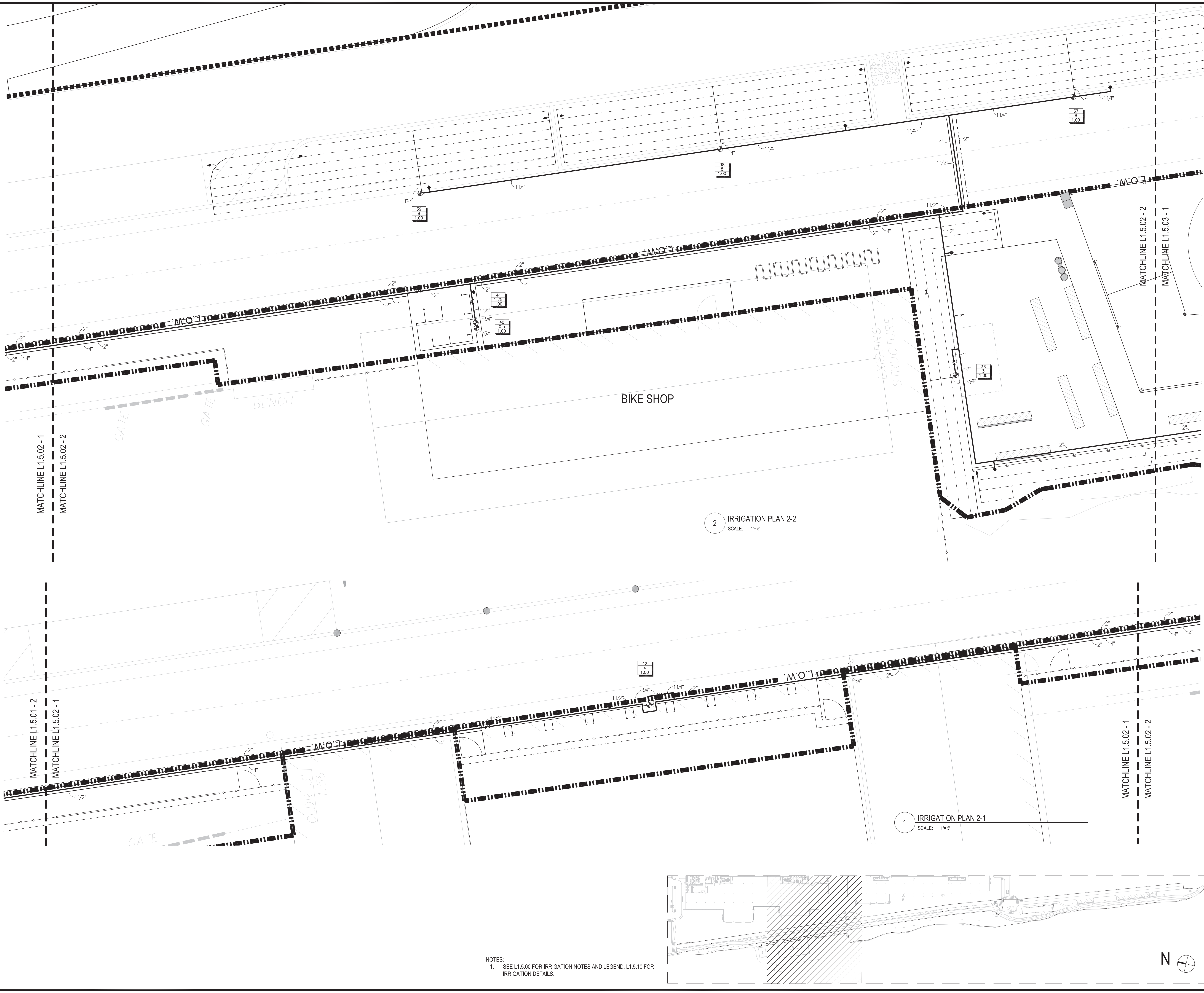
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Date	Description
05.08.2022	30% SUBMISSION
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05.01.2023	100% SUBMISSION



NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.

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Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description
IRRIGATION PLAN AREA 2

Scale
1" = 5'

L1.5.02

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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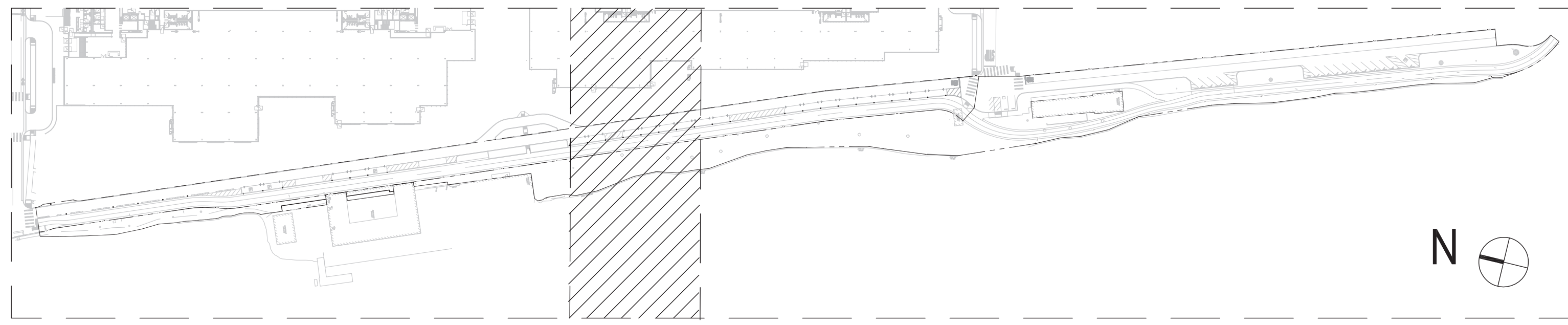
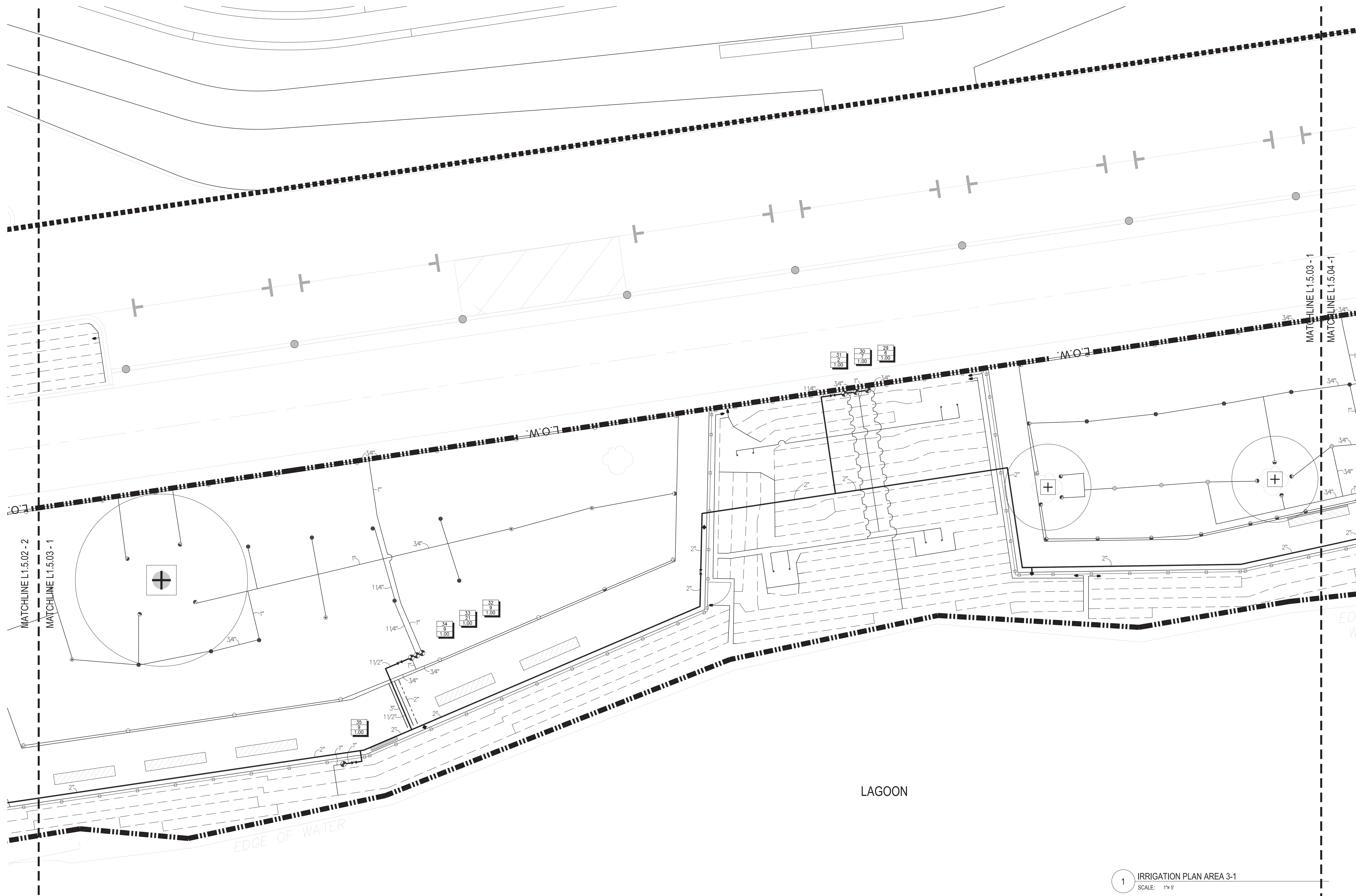
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Date	Description
05.08.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

IRRIGATION PLAN AREA 3

Scale
1" = 5'

L1.5.03

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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Menlo Park, CA 94025
Tel 650.838.0100

L&P PARTNERS
Tel 415.845.7500

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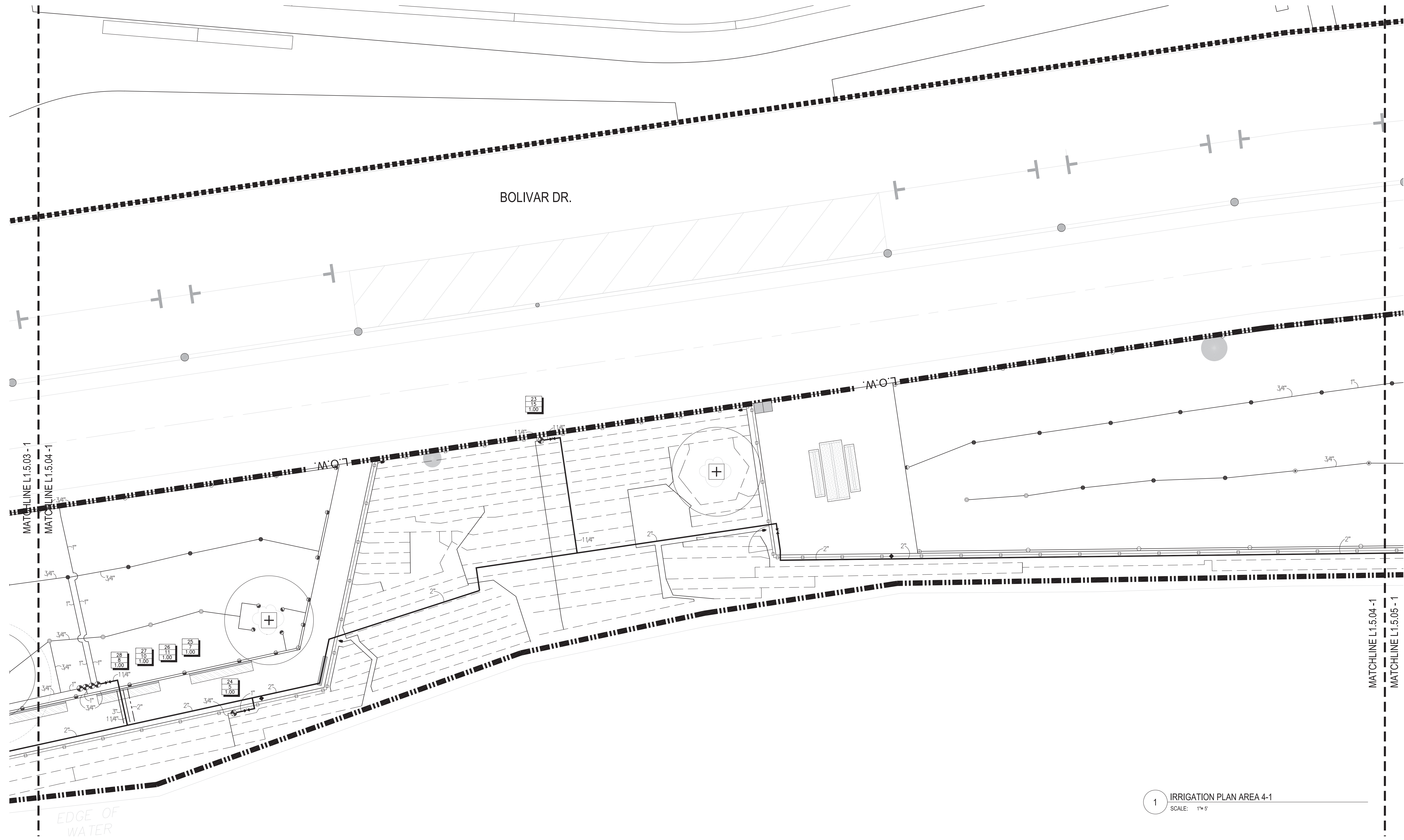
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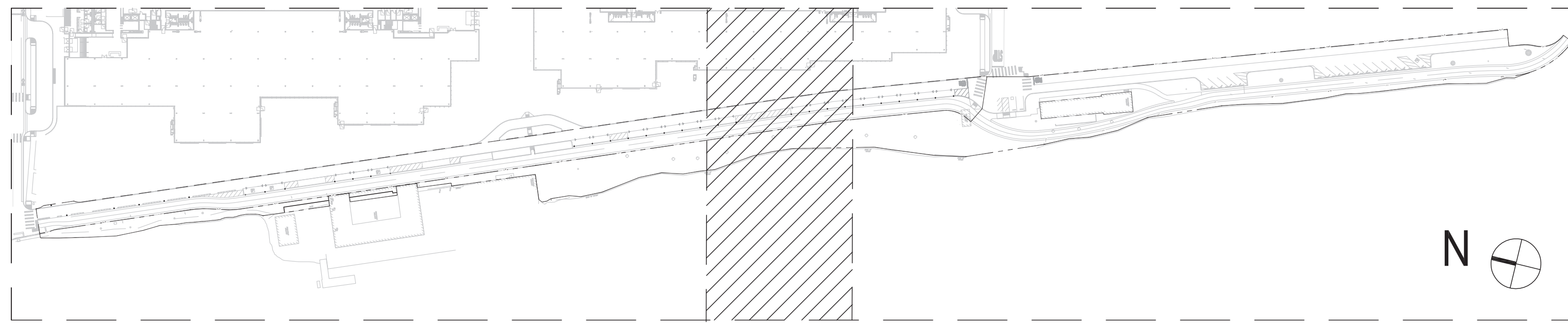
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05.01.2023	100% SUBMISSION

1 IRRIGATION PLAN AREA 4-1
SCALE: 1"=5'

NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.



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Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

IRRIGATION PLAN AREA 4

Scale
1"= 5'

L1.5.04

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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

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Project Name

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Project Number

33.4462.000

Description

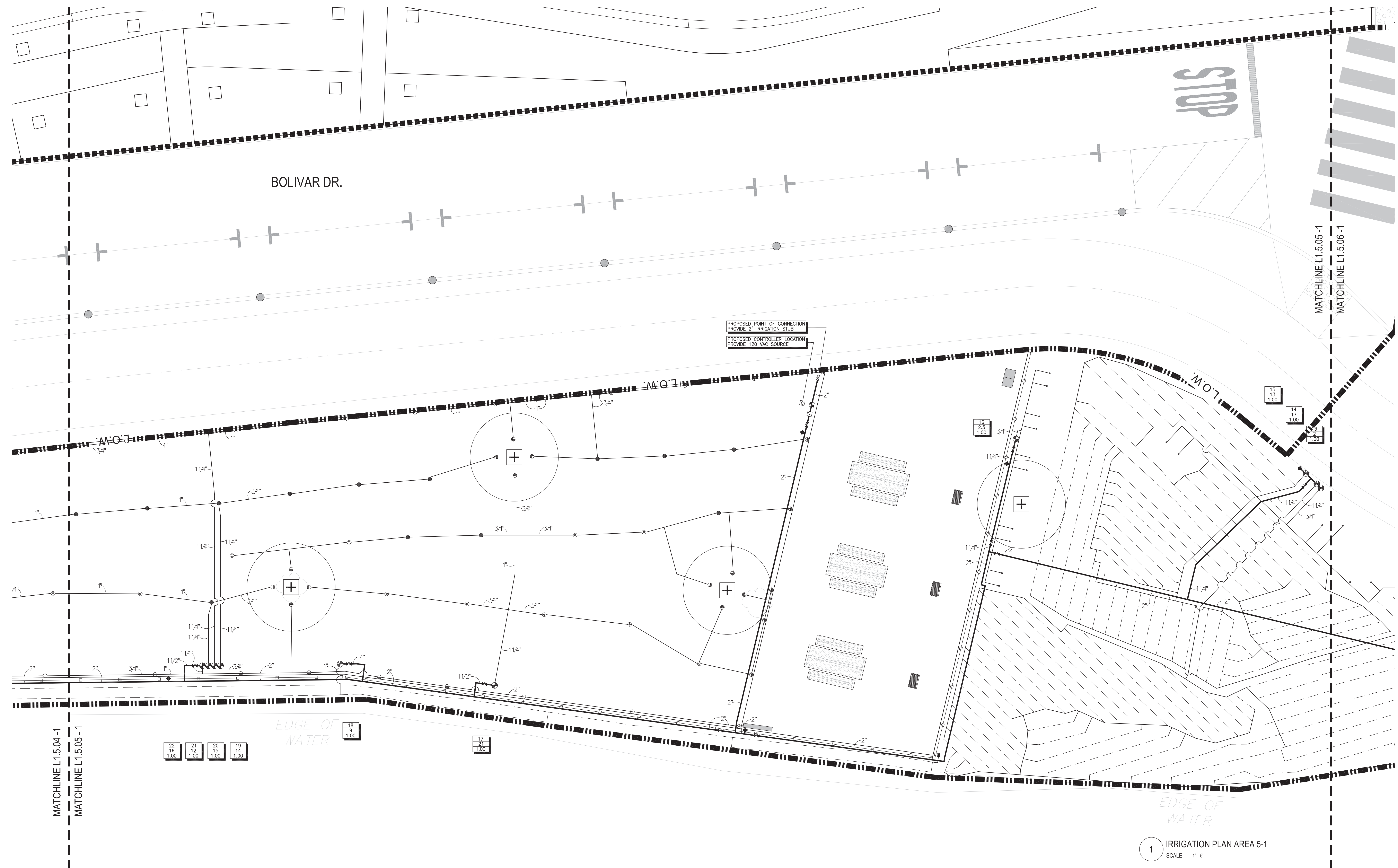
IRRIGATION PLAN AREA 5

Scale

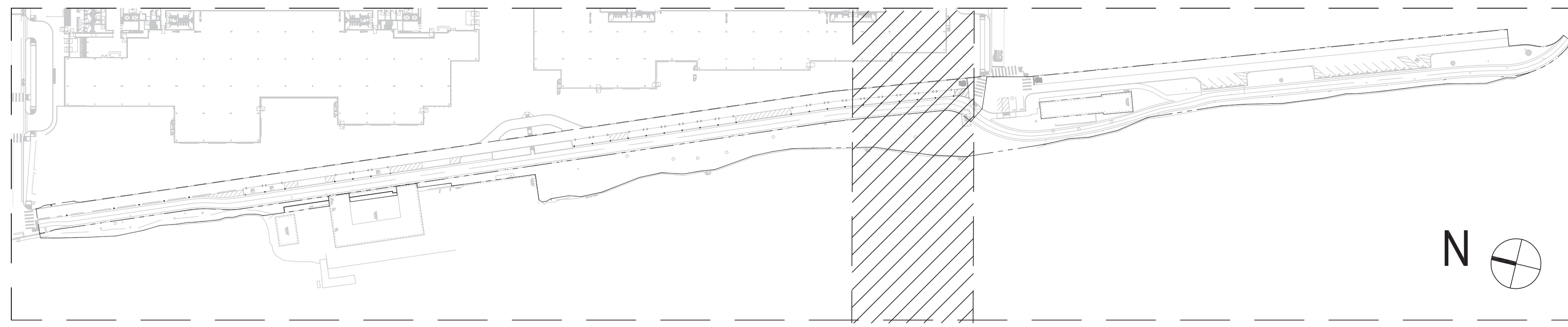
1" = 5'

L1.5.05

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NOTES:
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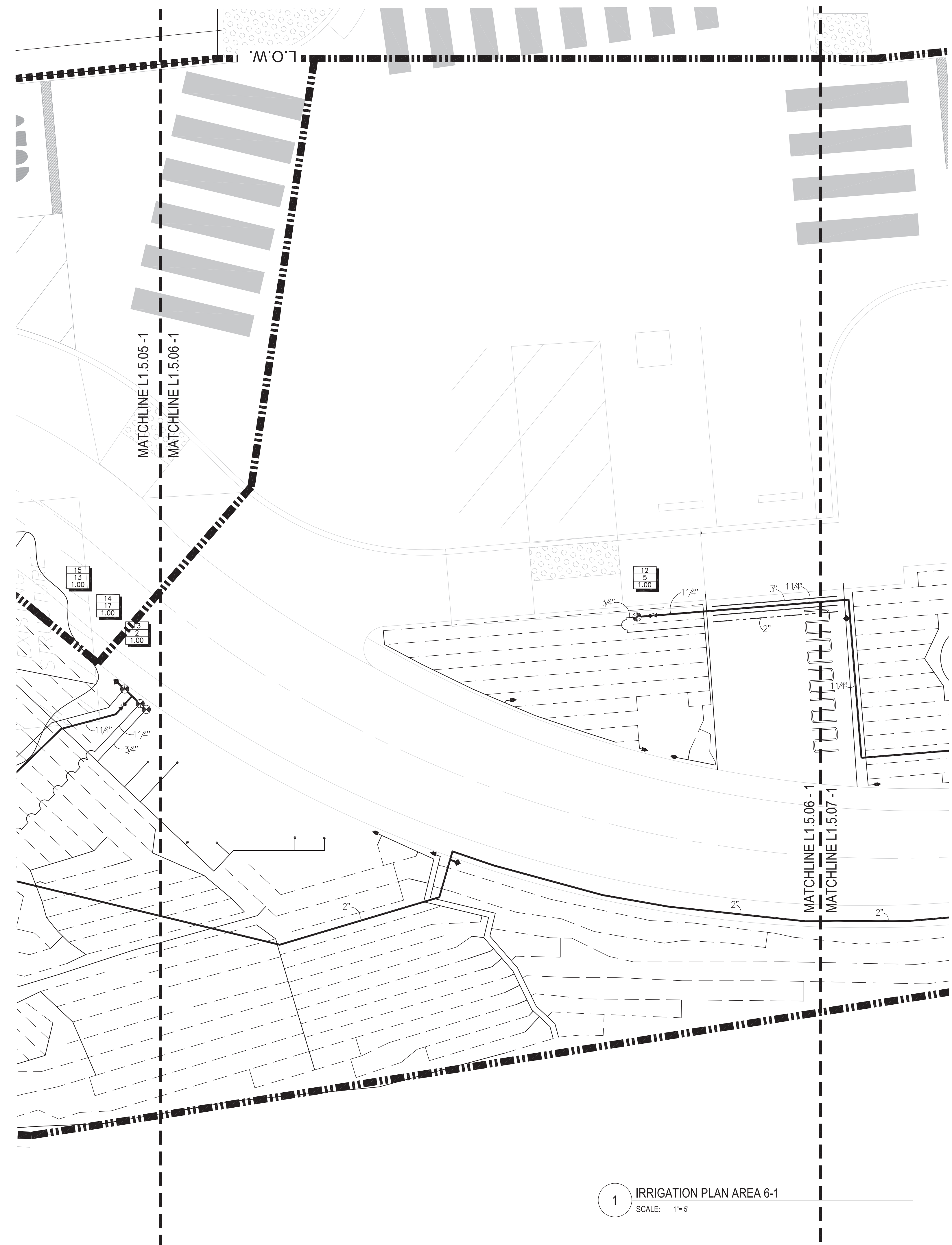
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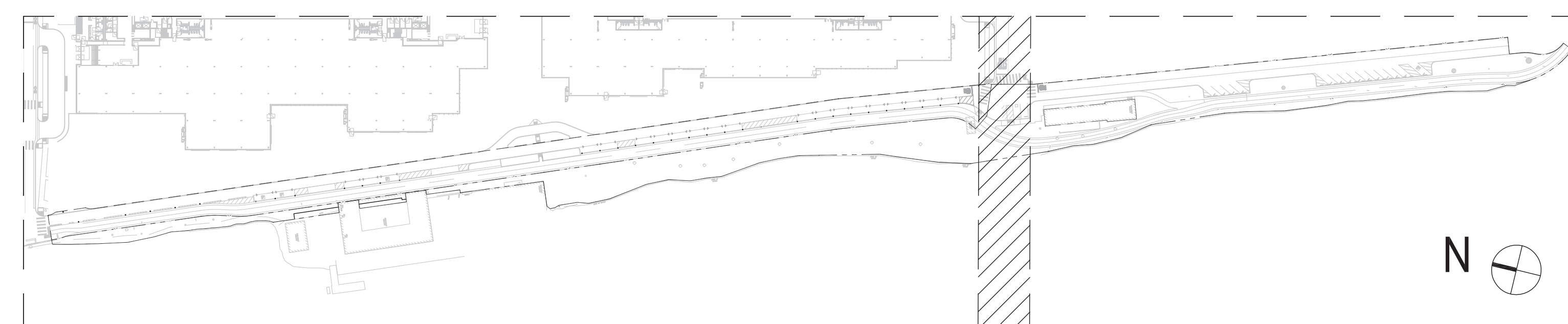
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1 IRRIGATION PLAN AREA 6-1
SCALE: 1" = 5'



NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

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Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
IRRIGATION PLAN AREA 6

Scale
1" = 5'

L1.5.06

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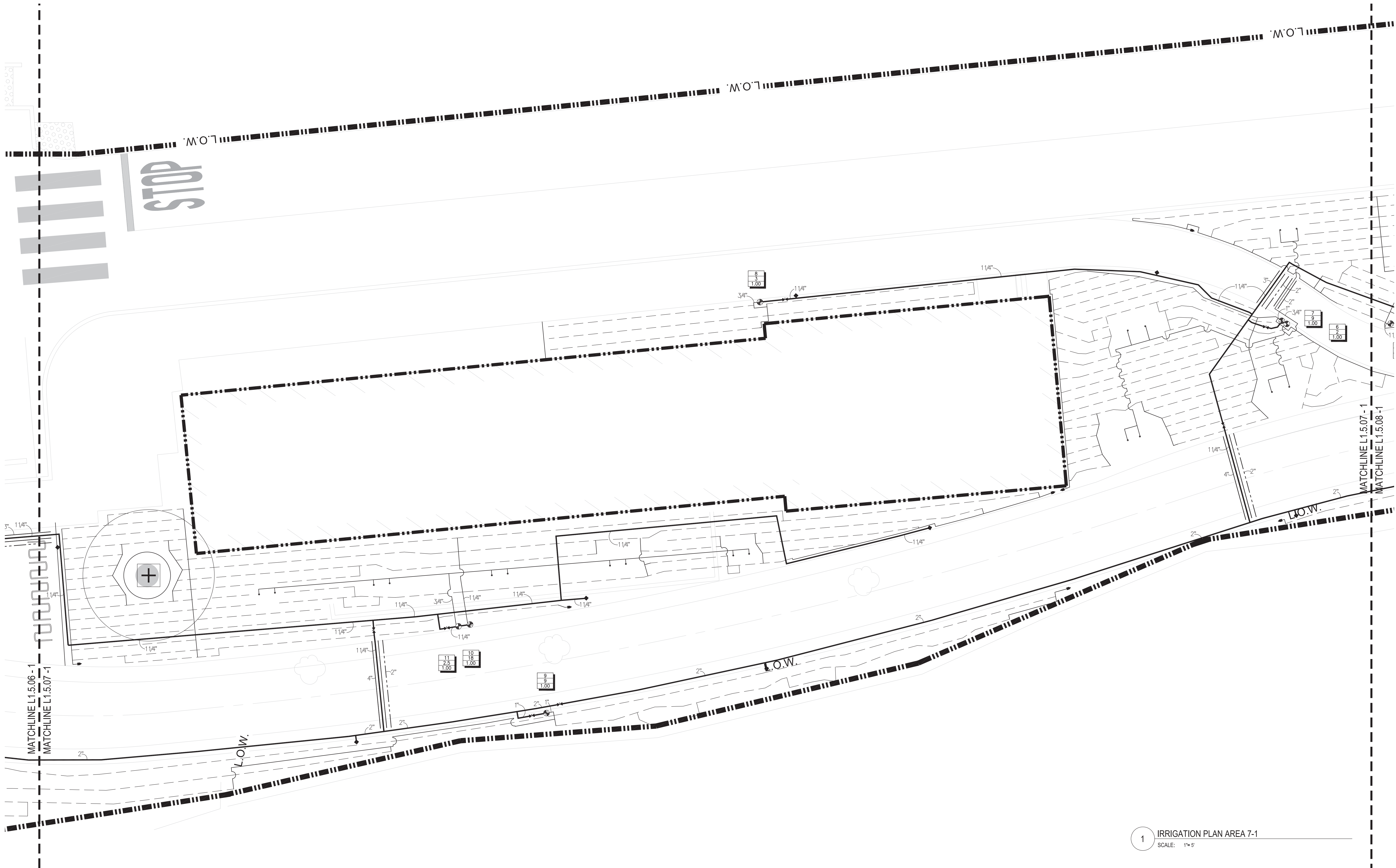
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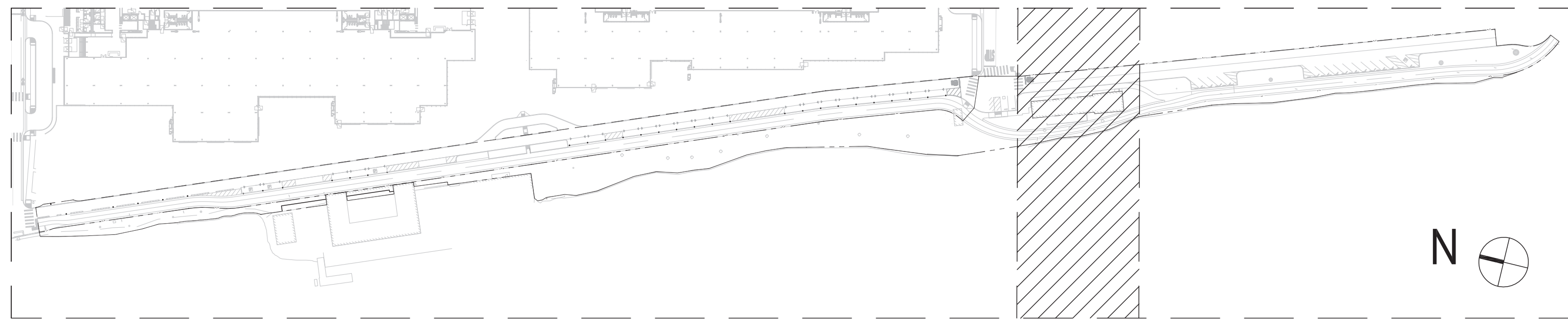
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05.01.2023	100% SUBMISSION



1 IRRIGATION PLAN AREA 7-1
SCALE: 1"= 5'

NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.



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Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description
IRRIGATION PLAN AREA 7

Scale
1"= 5'

L1.5.07

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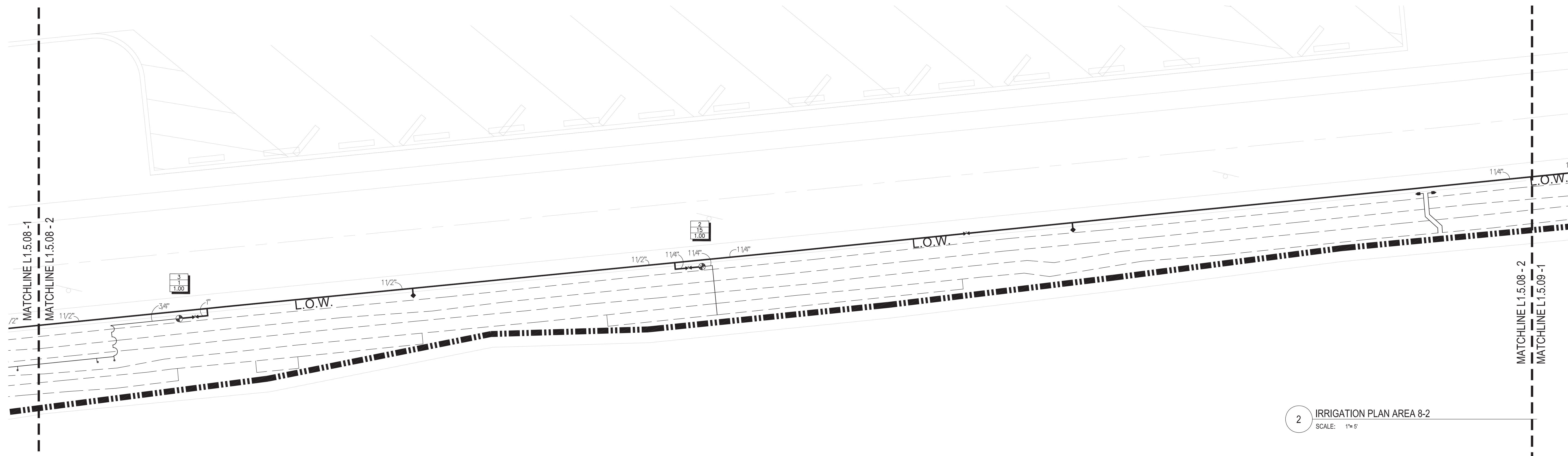
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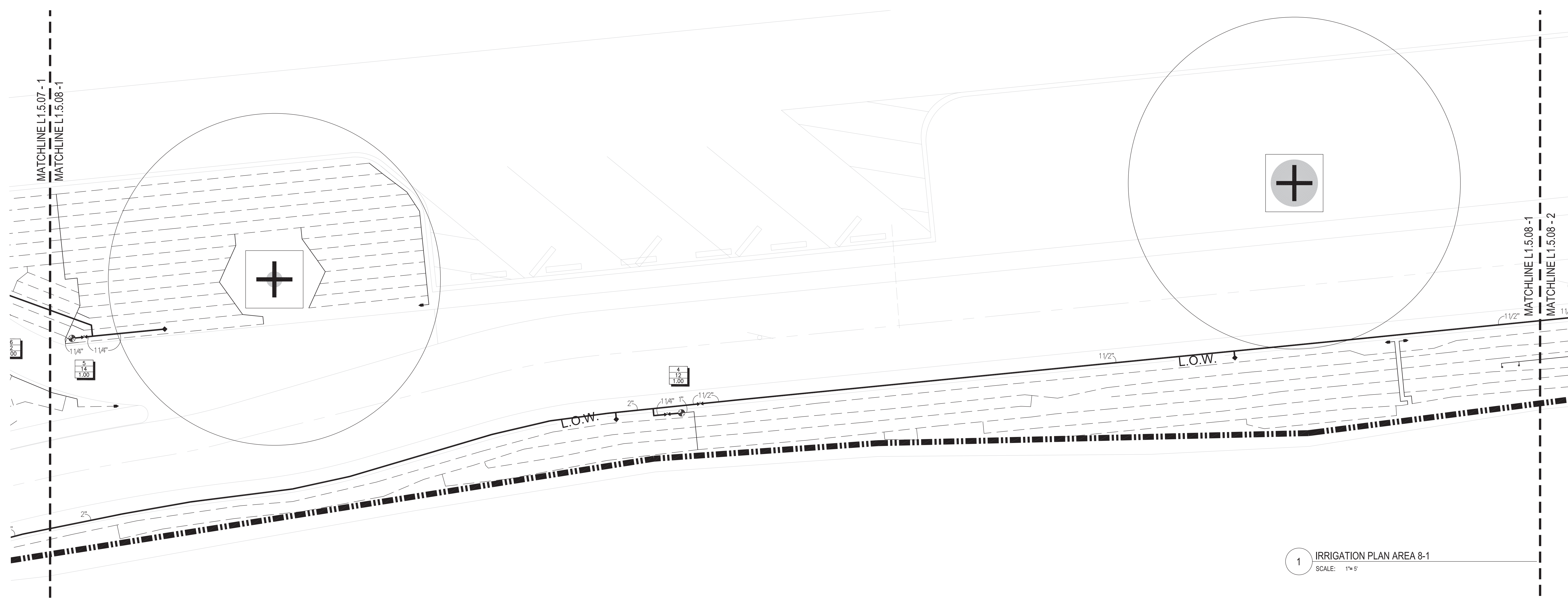
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2 IRRIGATION PLAN AREA 8-2
SCALE: 1" = 5'



1 IRRIGATION PLAN AREA 8-1
SCALE: 1" = 5'

Date	Description
05.08.2022	30% SUBMISSION
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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

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Project Name
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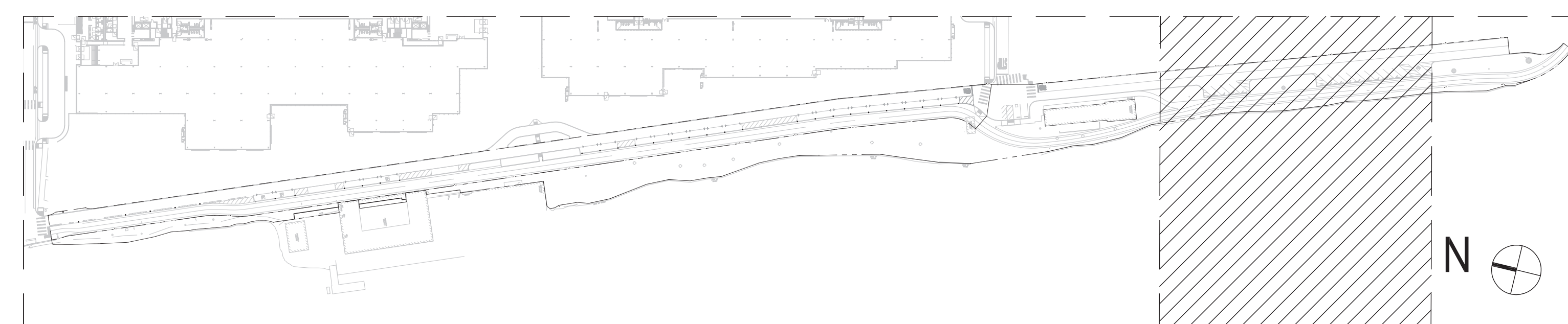
Project Number
33.4462.000

Description
IRRIGATION PLAN AREA 8

Scale
1" = 5'

L1.5.08

NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.



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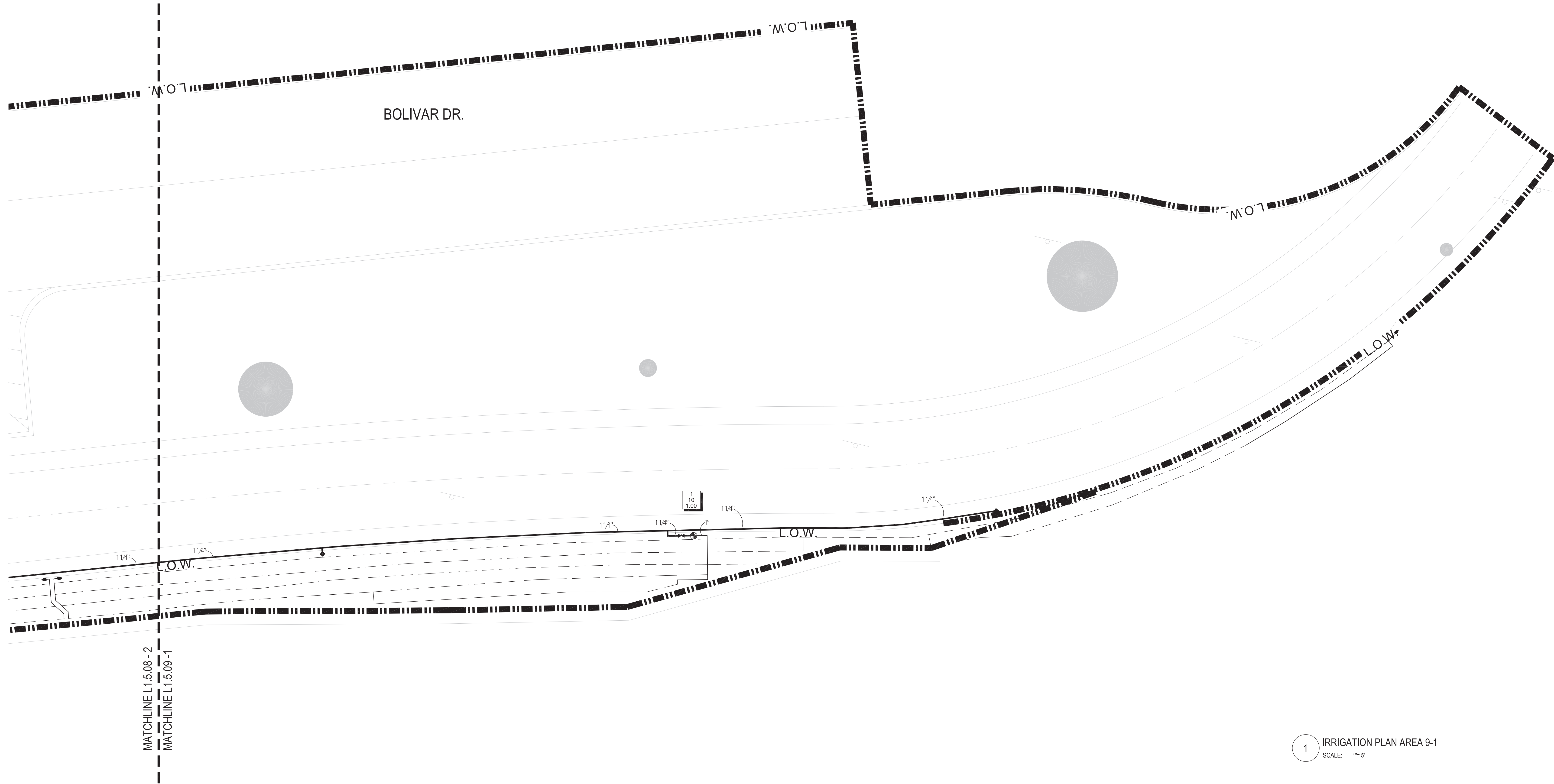
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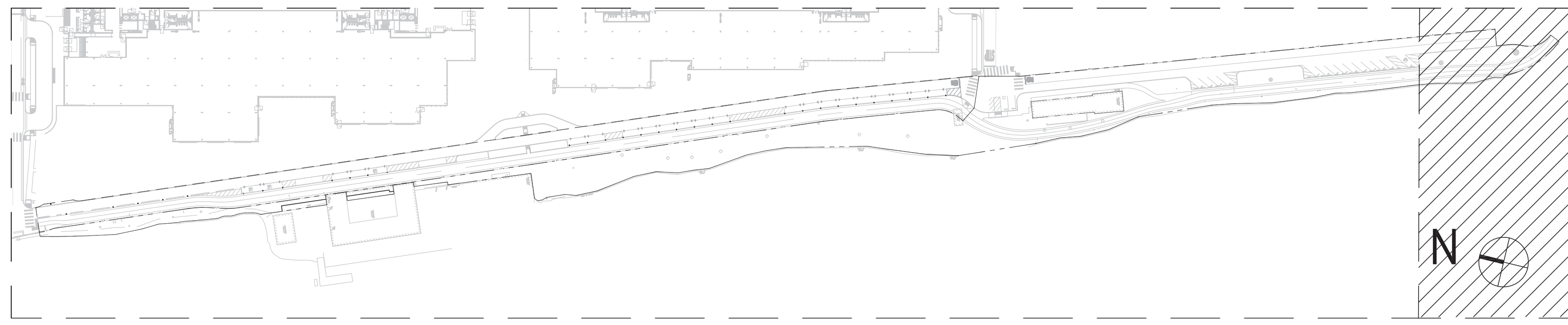
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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



1 IRRIGATION PLAN AREA 9-1
SCALE: 1" = 5'

NOTES:
1. SEE L1.5.00 FOR IRRIGATION NOTES AND LEGEND, L1.5.10 FOR IRRIGATION DETAILS.



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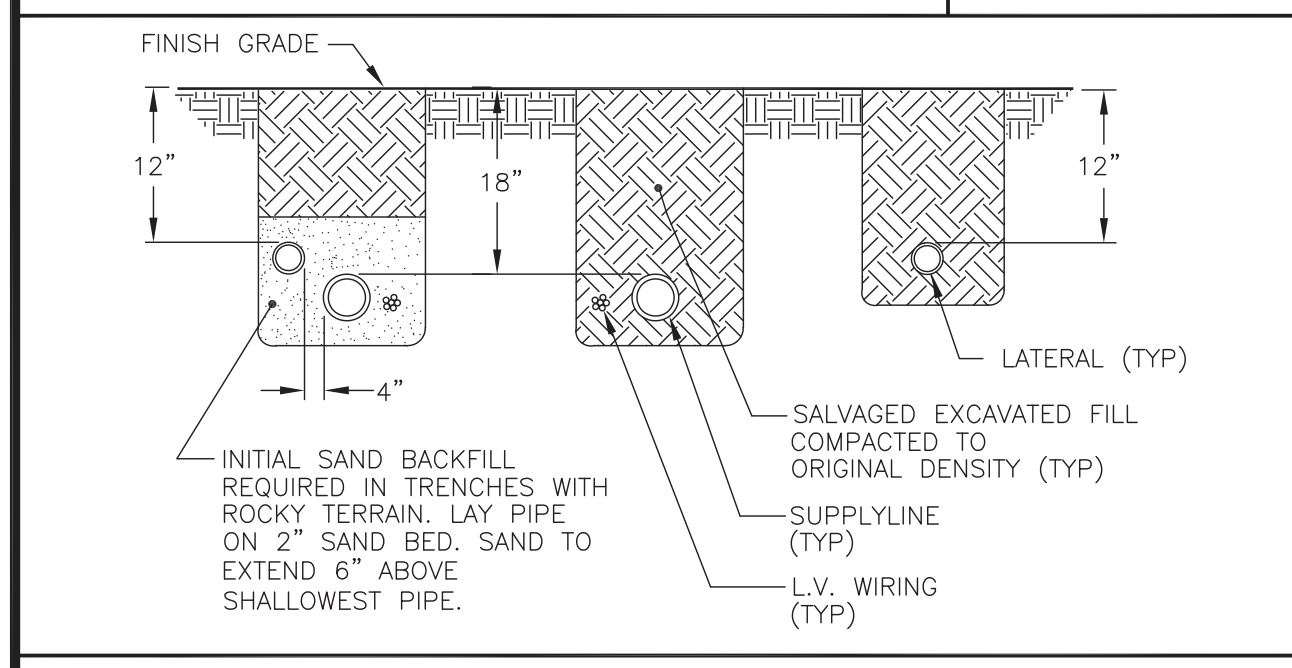
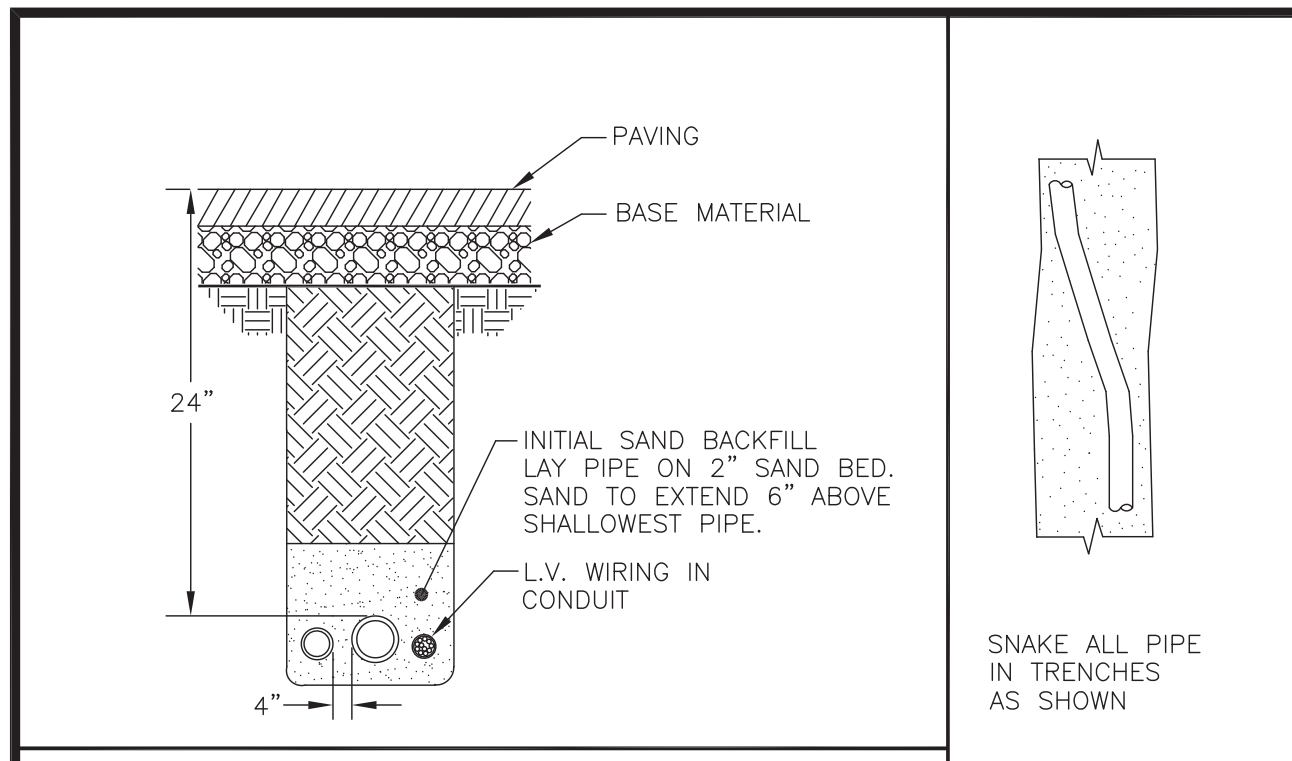
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Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

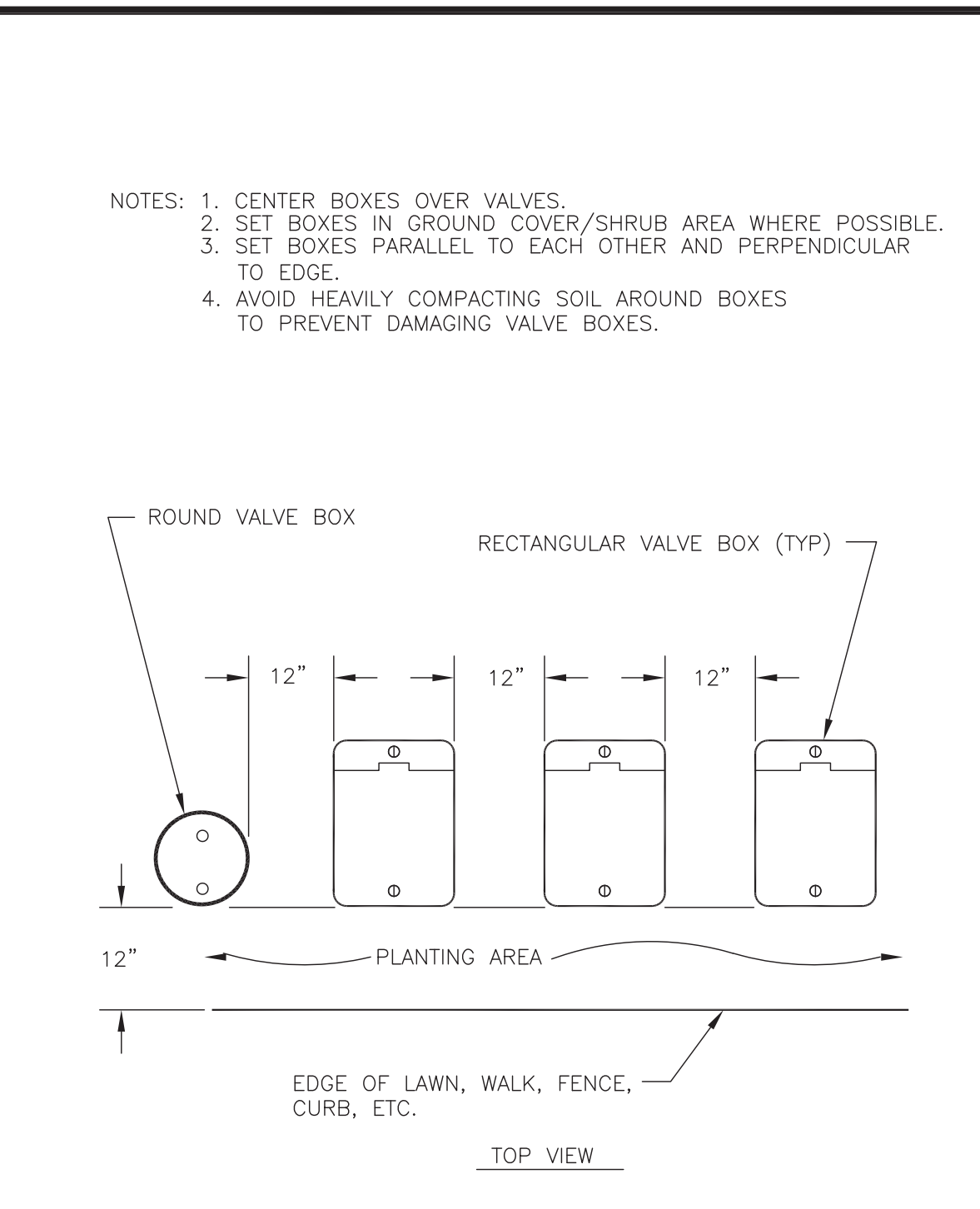
IRRIGATION PLAN AREA 9

Scale
1" = 5'

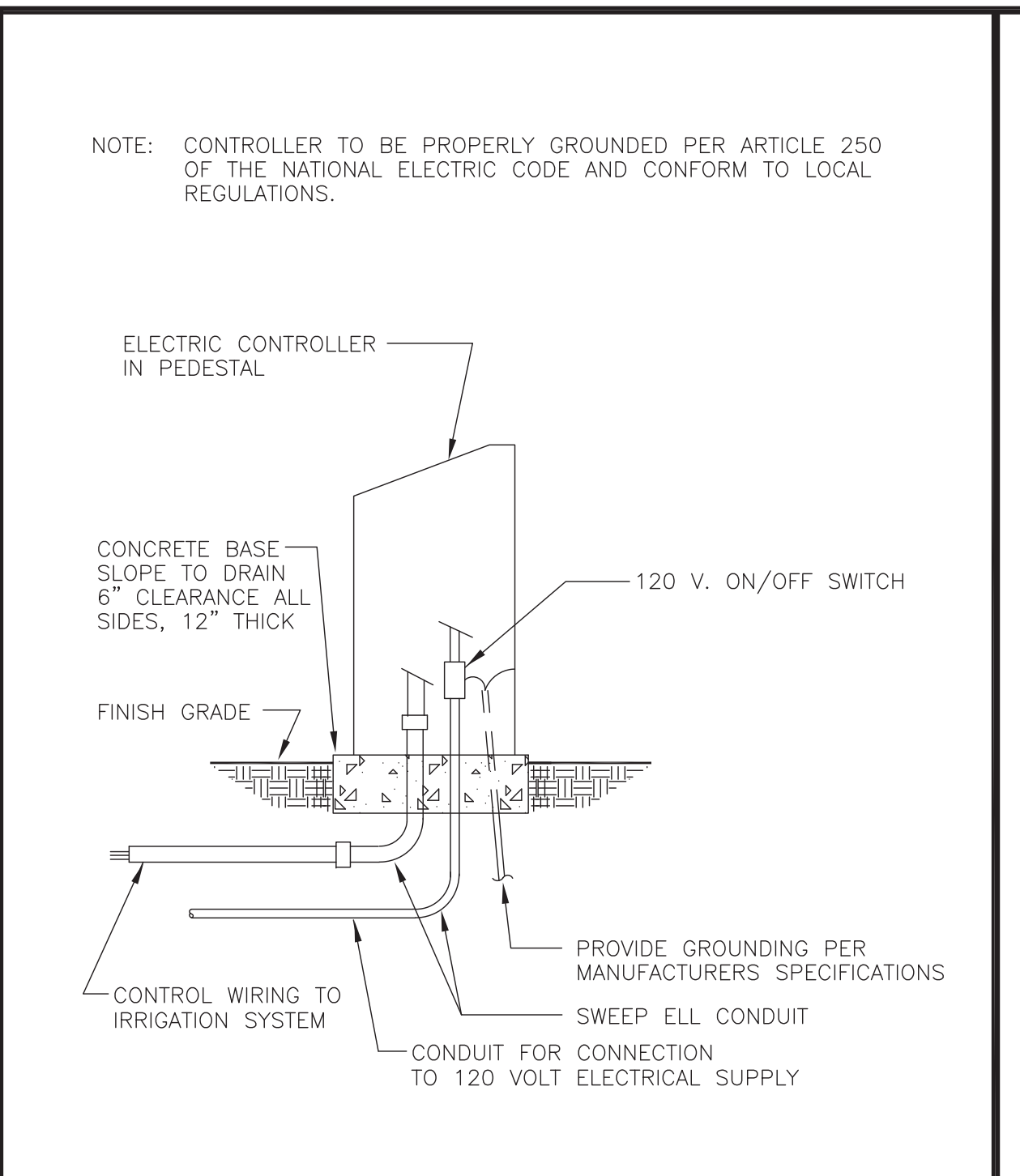
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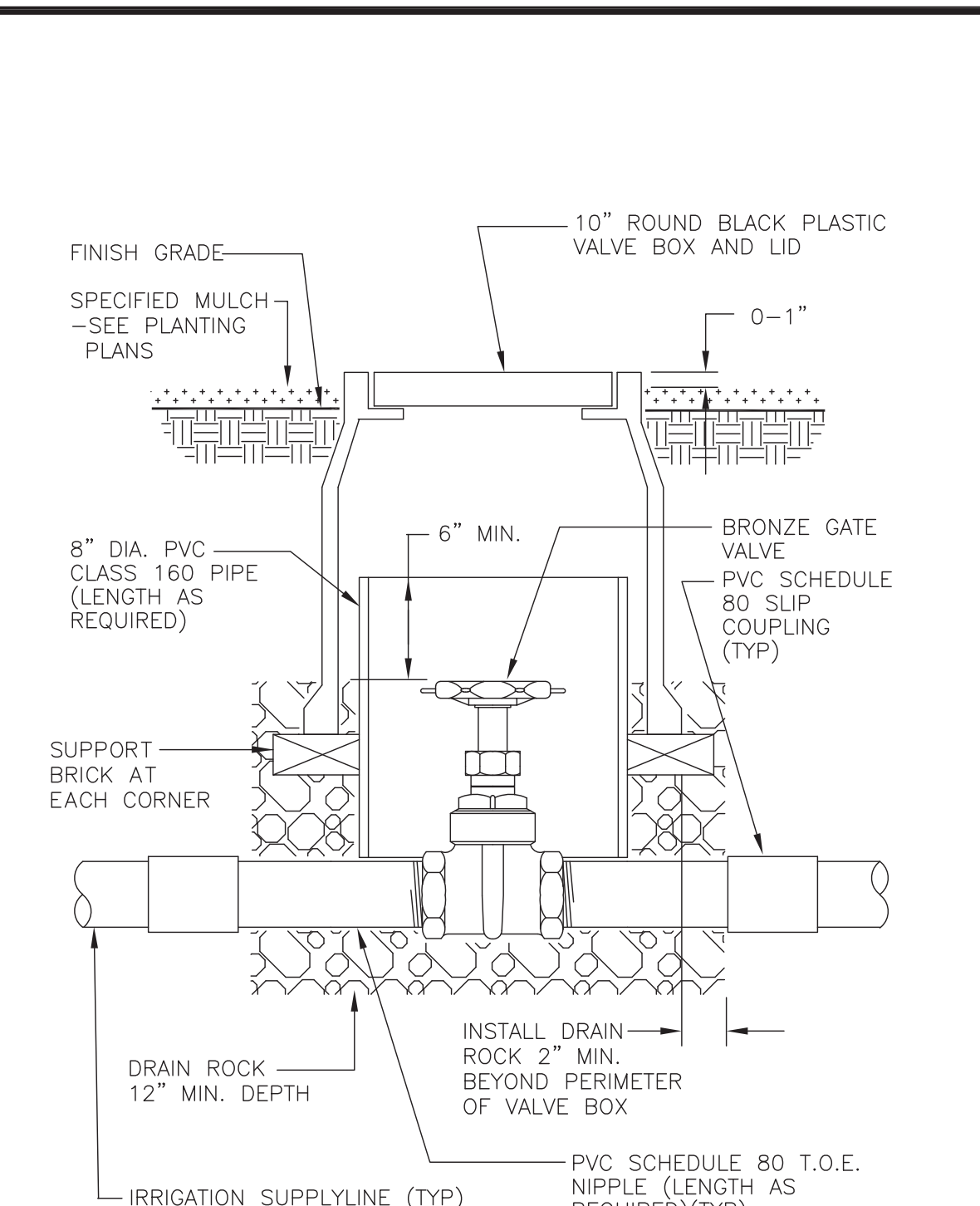
A TRENCHING DETAILS NTS



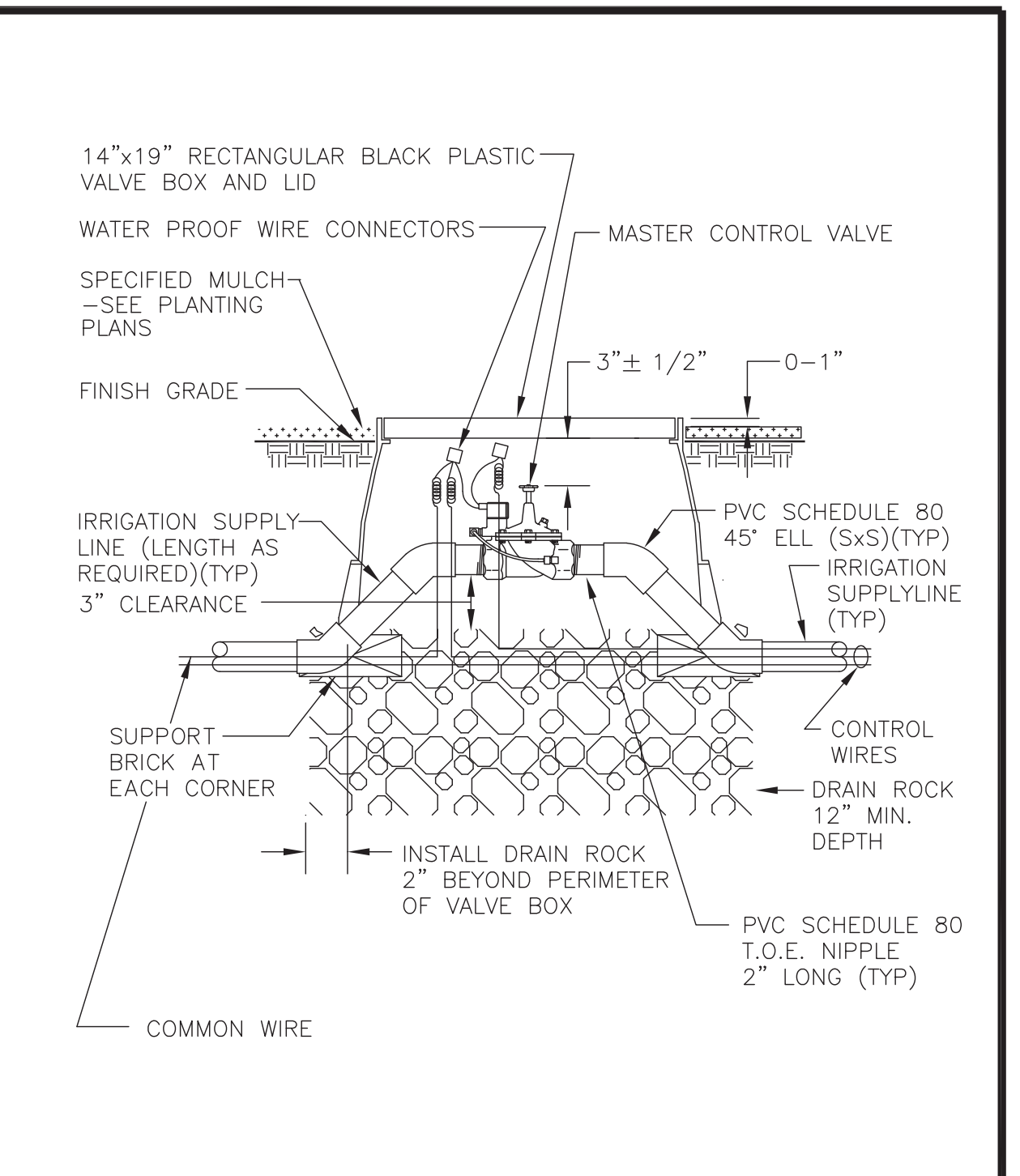
B VALVE BOX INSTALLATION DETAIL NTS



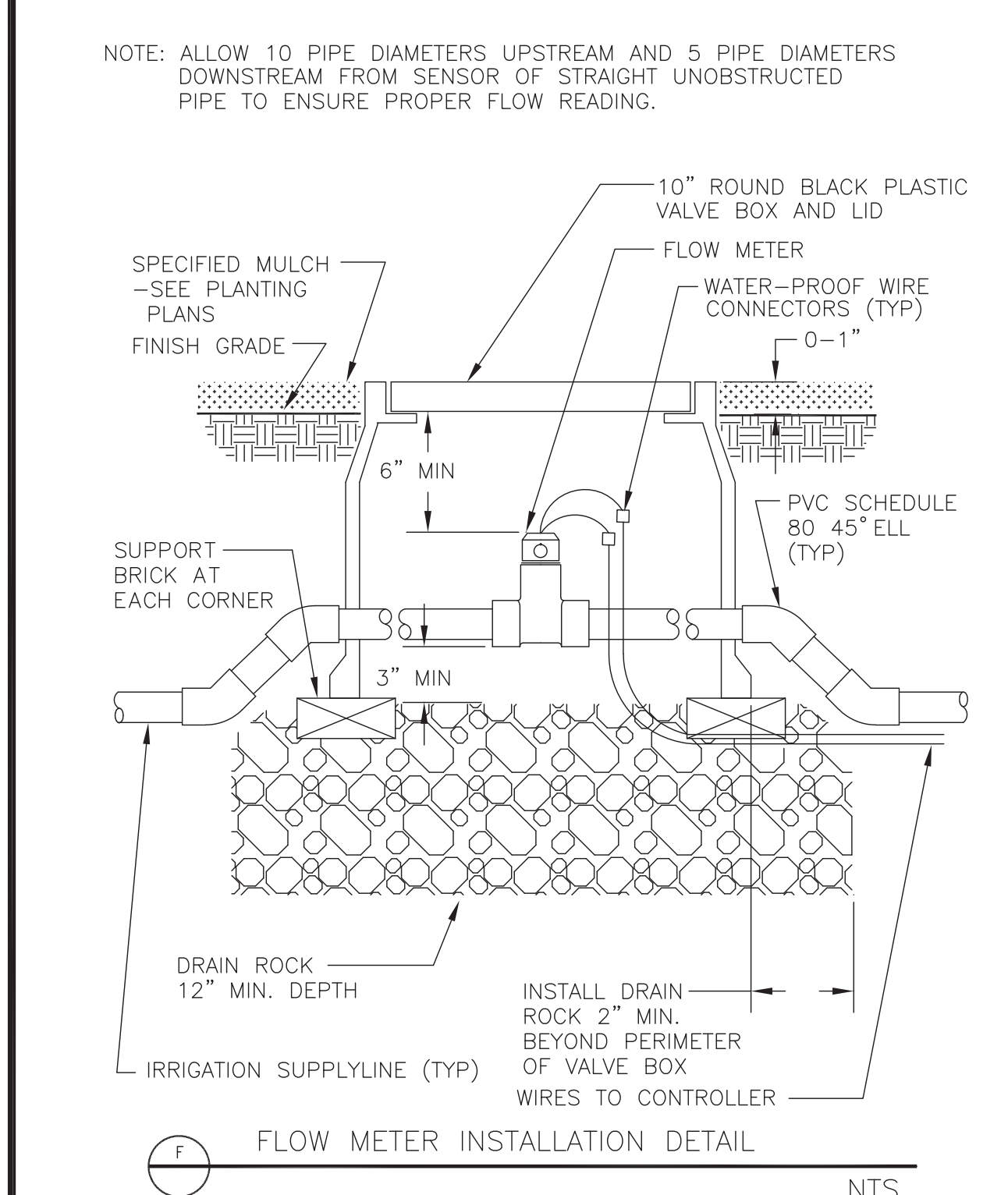
C PEDESTAL MOUNT CONTROLLER INSTALLATION DETAIL NTS



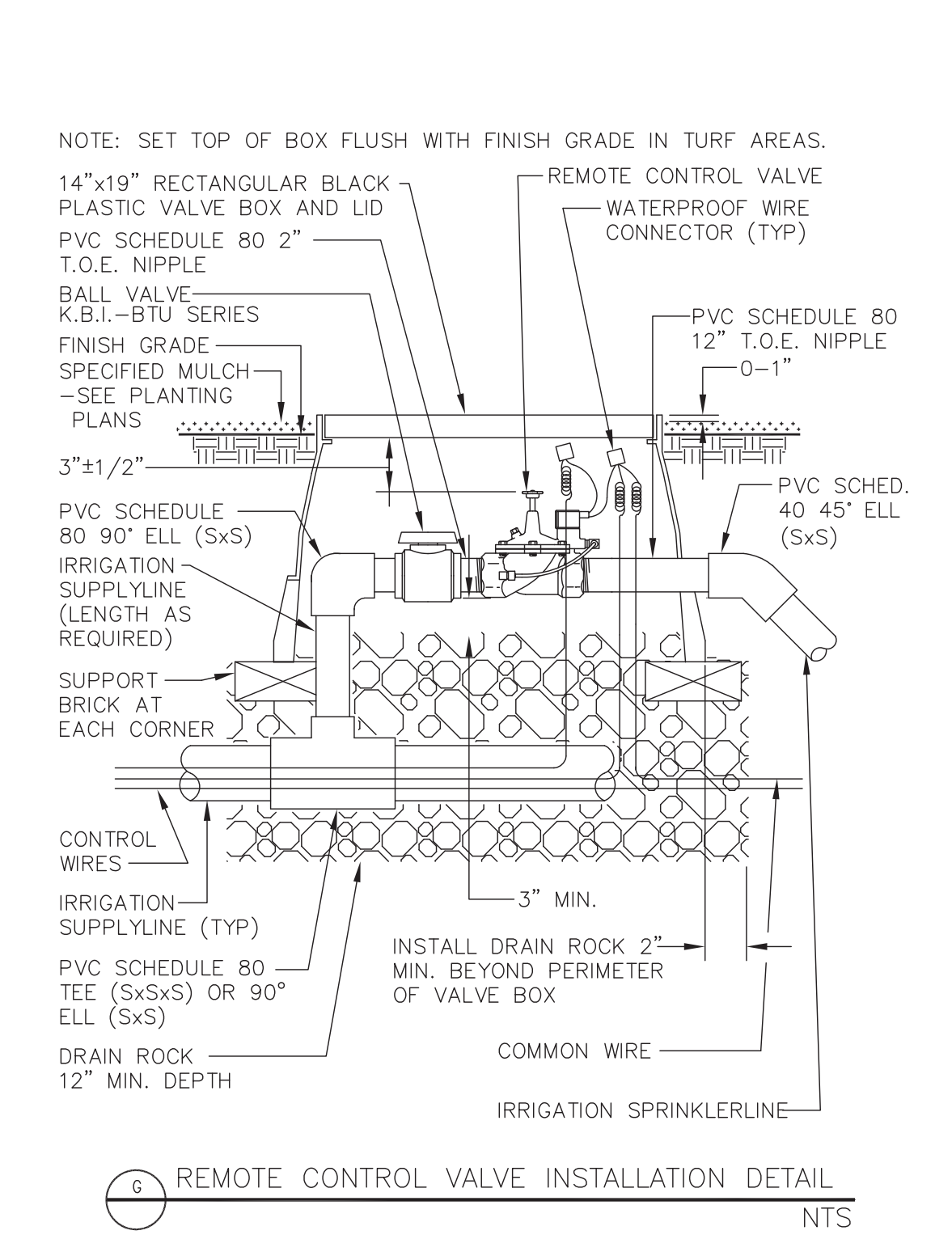
D GATE VALVE INSTALLATION DETAIL NTS



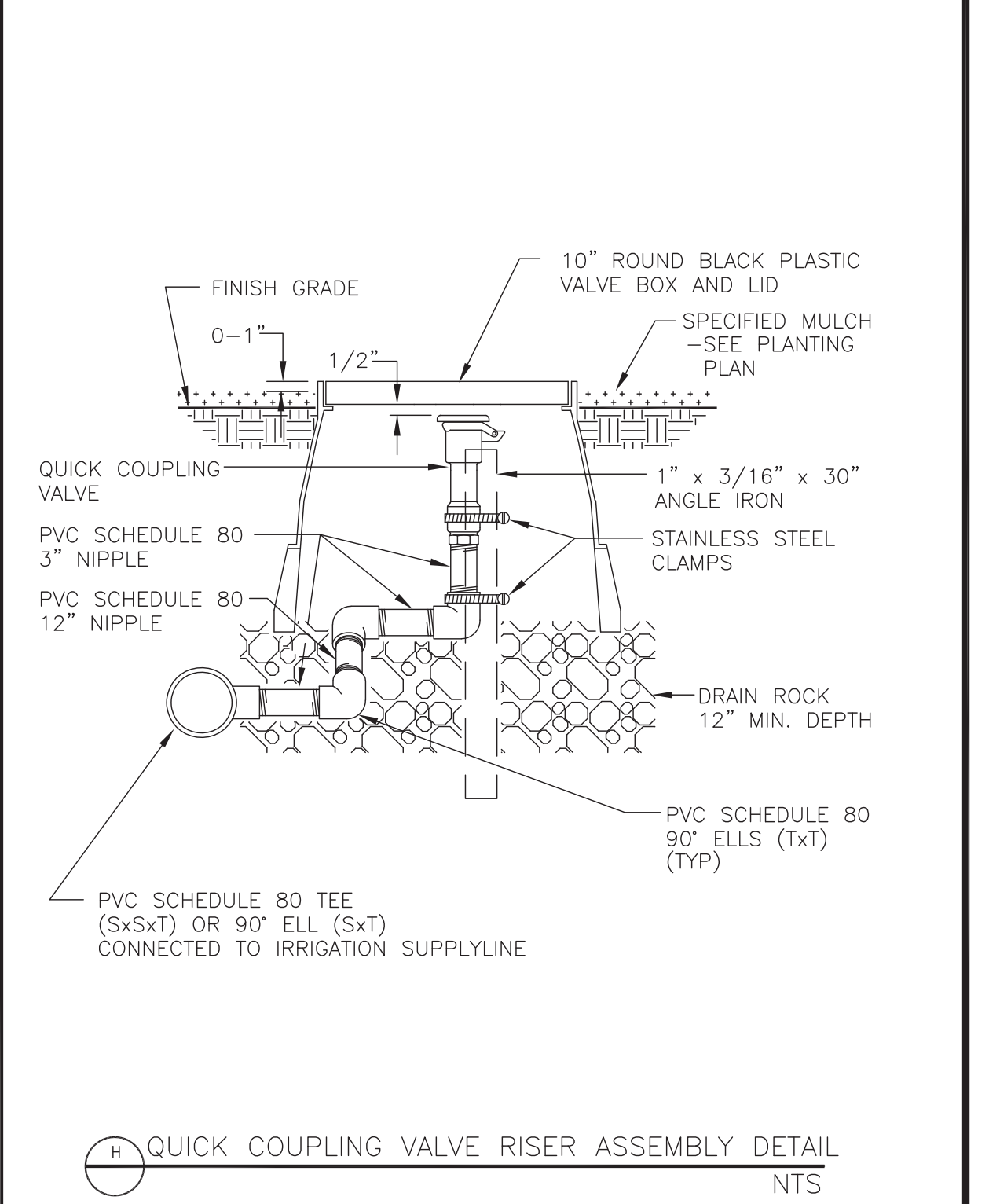
E MASTER CONTROL VALVE INSTALLATION DETAIL NTS



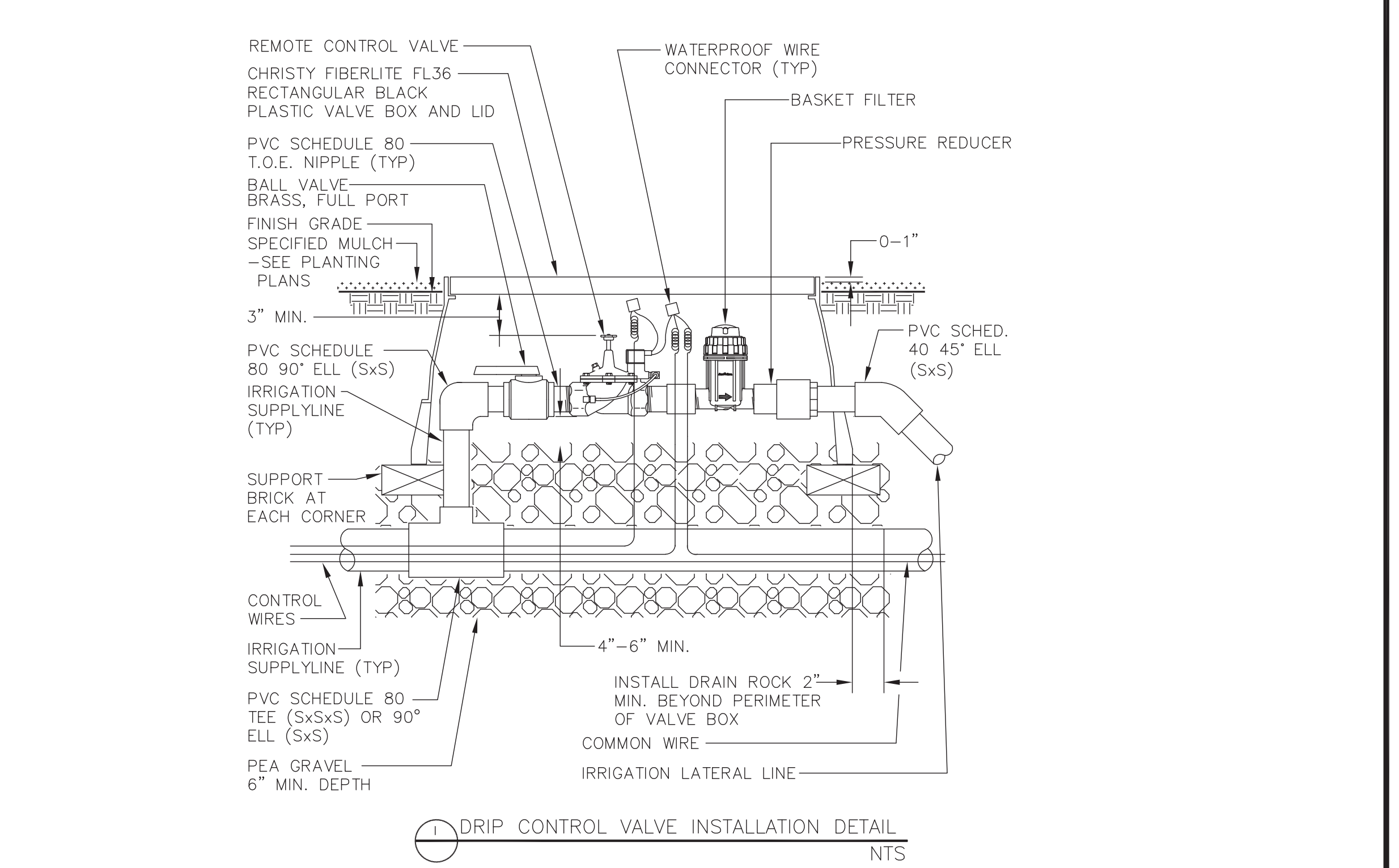
F FLOW METER INSTALLATION DETAIL NTS



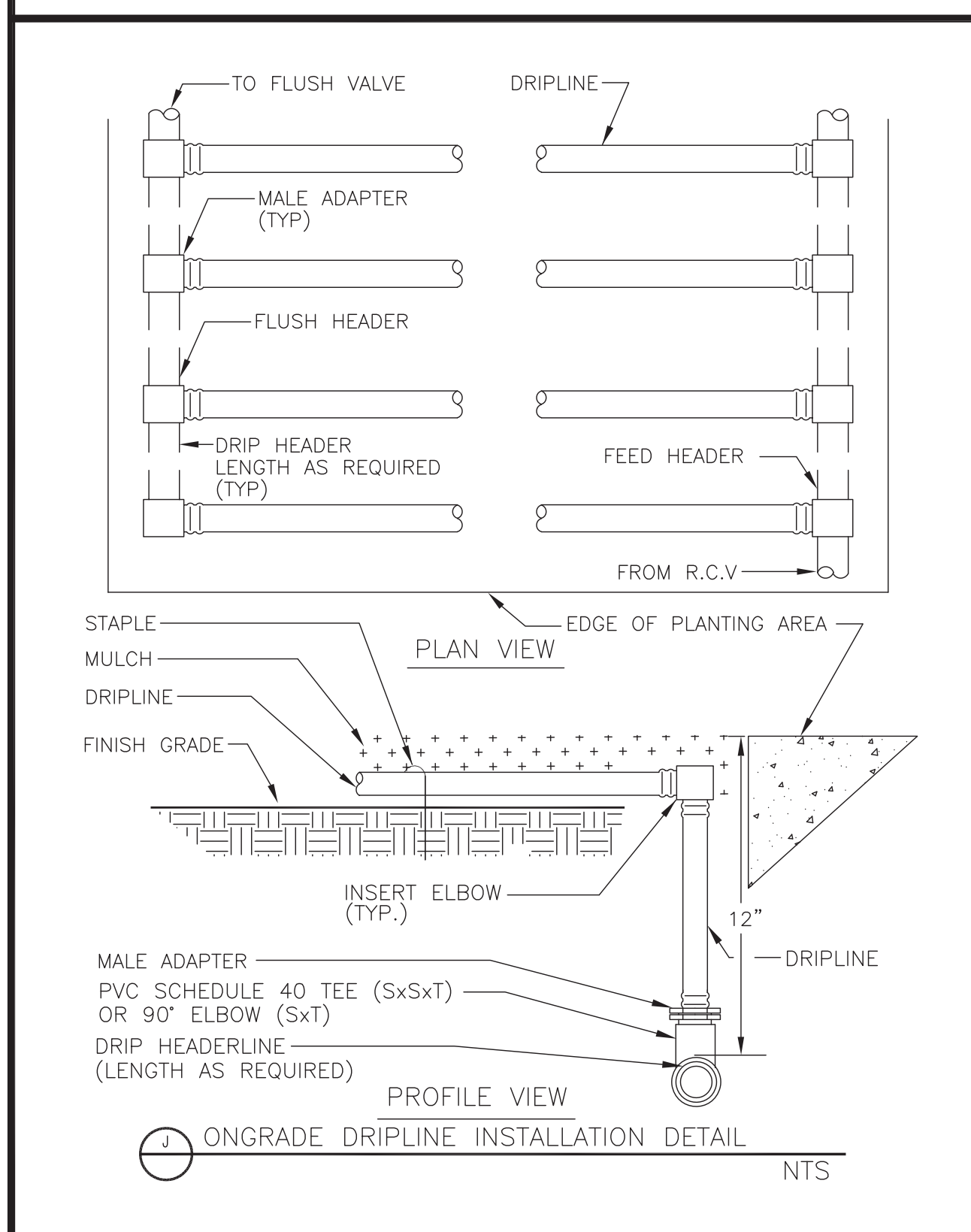
G REMOTE CONTROL VALVE INSTALLATION DETAIL NTS



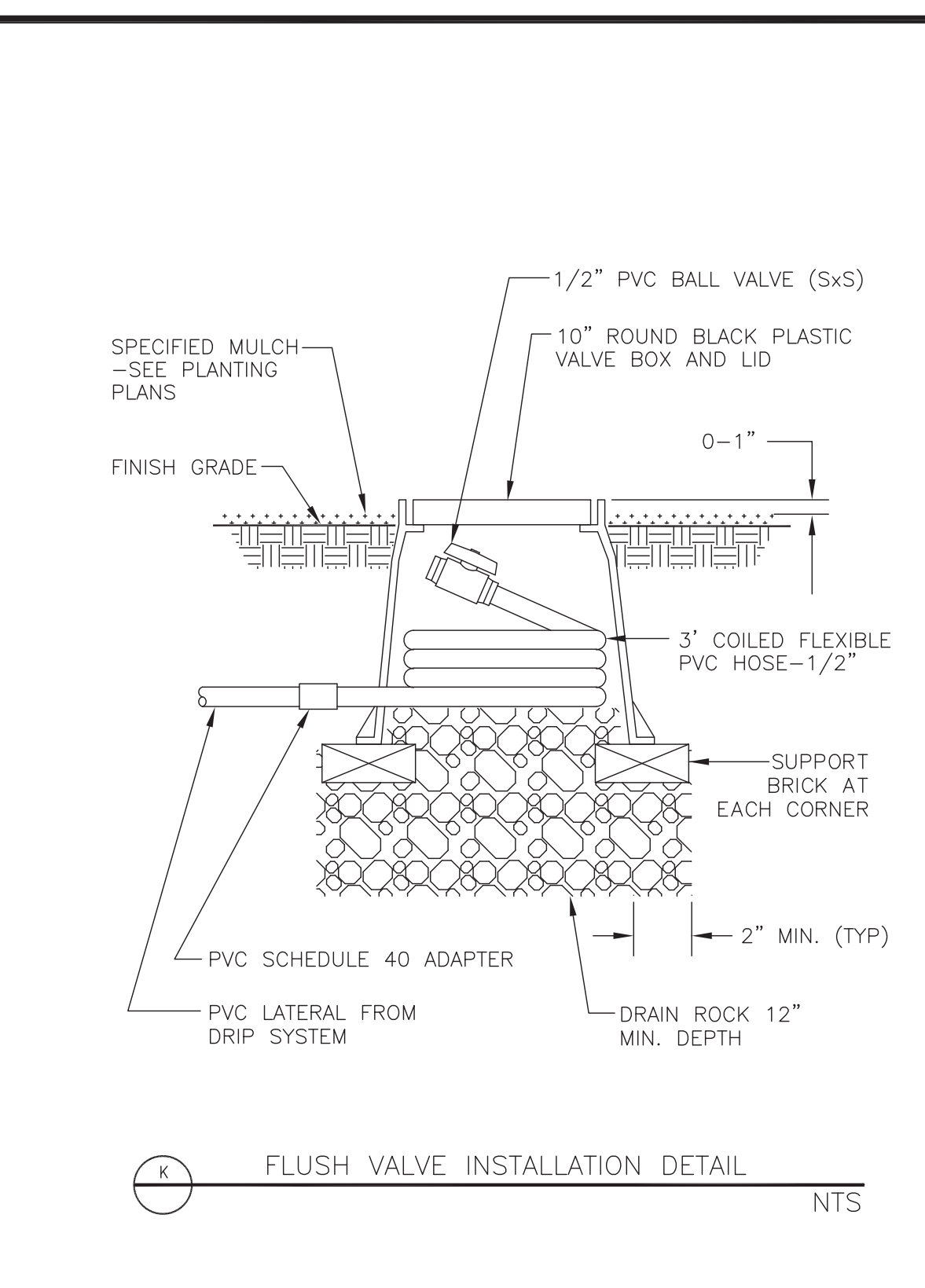
H QUICK COUPLING VALVE RISER ASSEMBLY DETAIL NTS



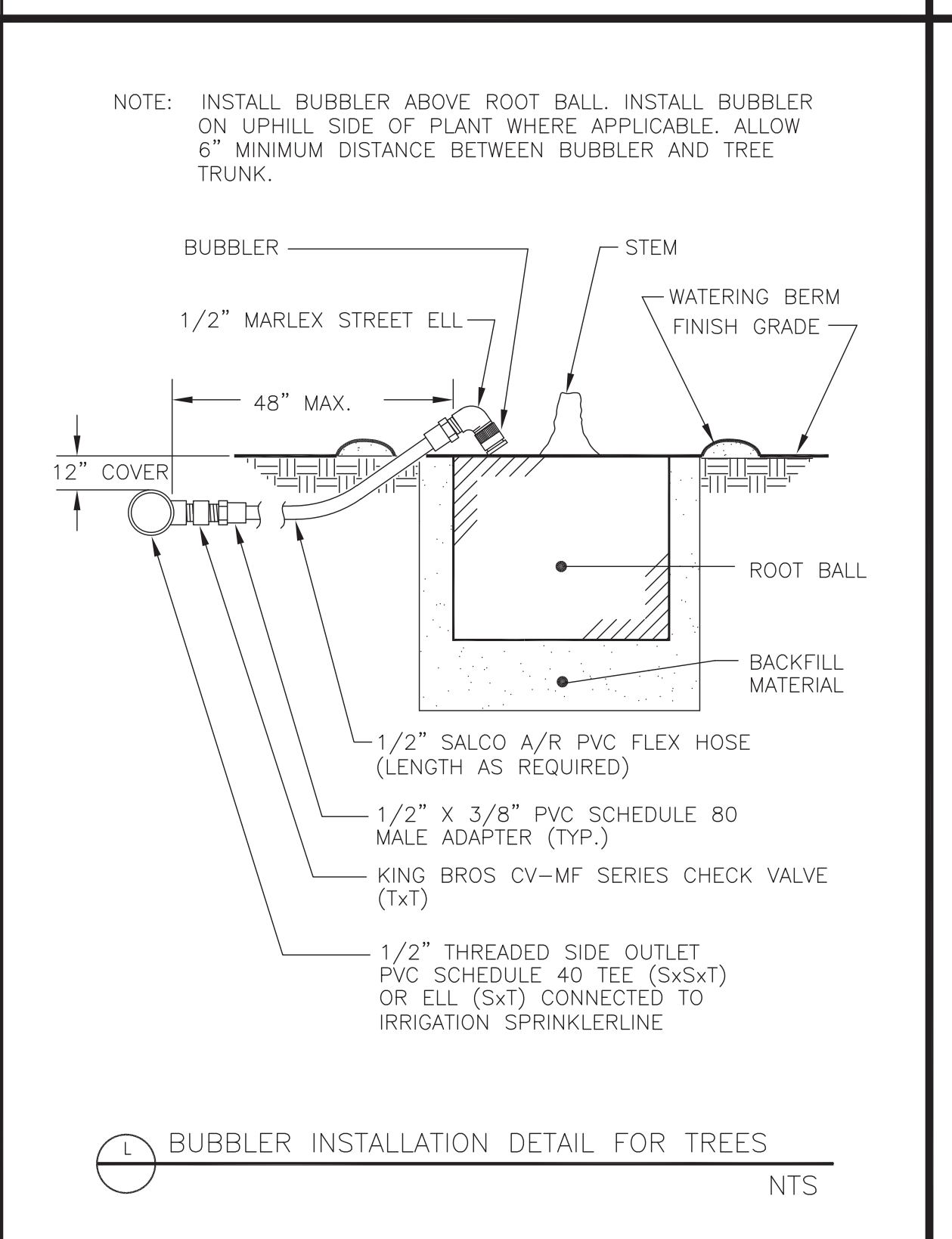
I DRIP CONTROL VALVE INSTALLATION DETAIL NTS



J ONGRADE DRIPLINE INSTALLATION DETAIL NTS



K FLUSH VALVE INSTALLATION DETAIL NTS



L BUBBLER INSTALLATION DETAIL FOR TREES NTS

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05.01.2023	100% SUBMISSION

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Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

IRRIGATION DETAILS

Scale
NO SCALE

L1.5.10

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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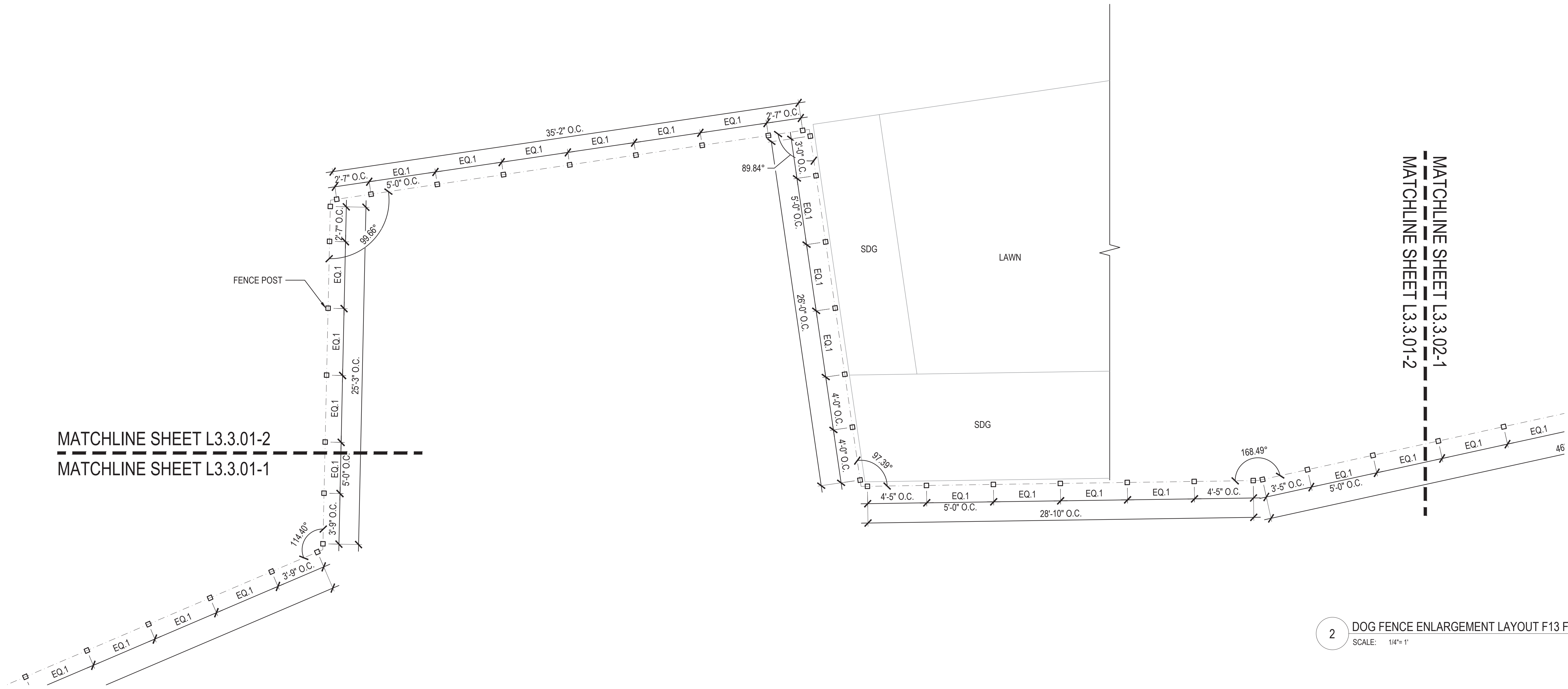
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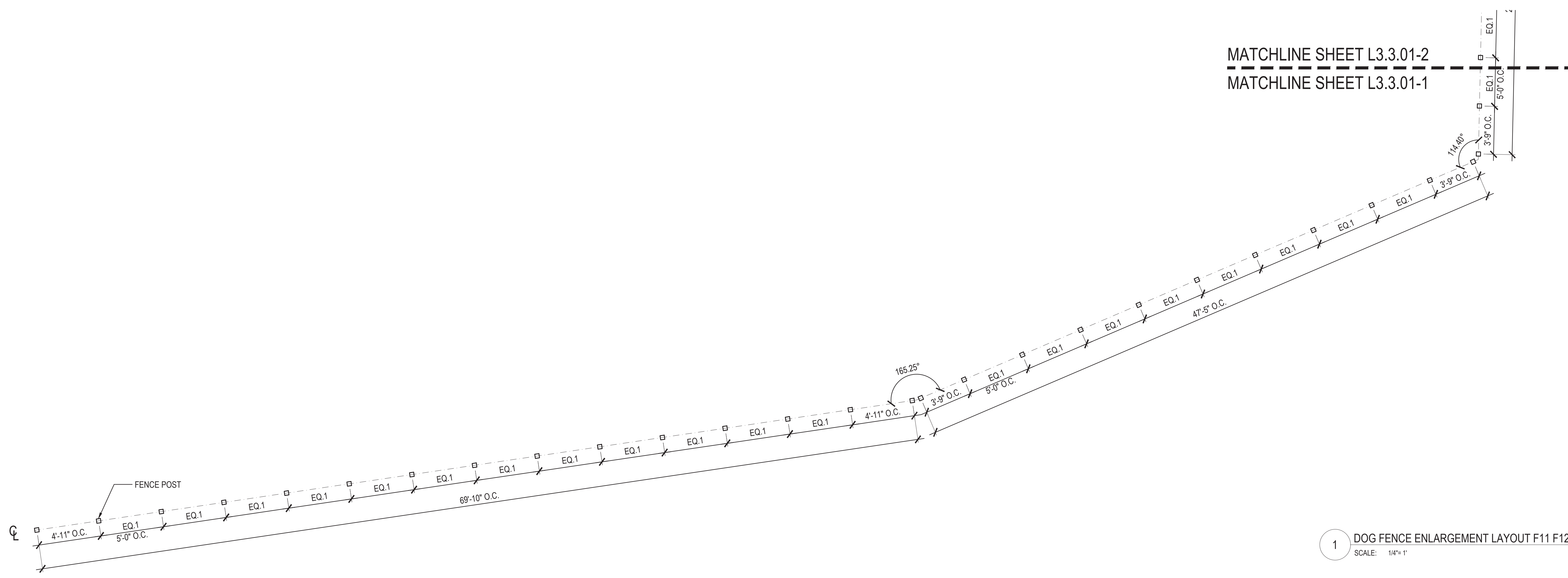
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2 DOG FENCE ENLARGEMENT LAYOUT F13 F14 F21 F22
SCALE: 1/4" = 1'



1 DOG FENCE ENLARGEMENT LAYOUT F11 F12 F13
SCALE: 1/4" = 1'

- NOTES:
- SEE L8.3.01 FOR FENCE DETAILS.
 - SEE L3.3.03 -02 FOR FENCE POST LAYOUT DETAIL AT CORNERS.

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

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Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

LAYOUT ENLARGEMENT PLAN - F11-14 & F21-22

Scale
1/4" = 1'-0"

L3.3.01

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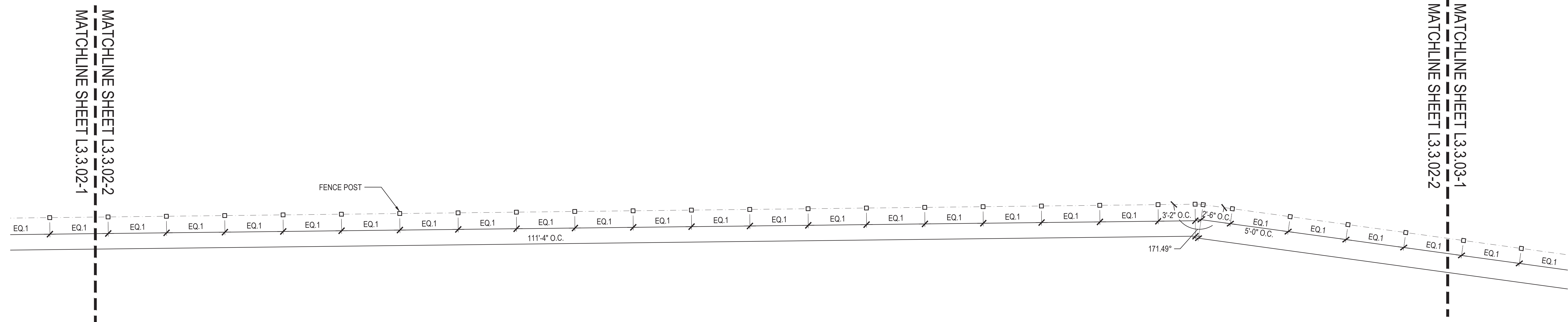
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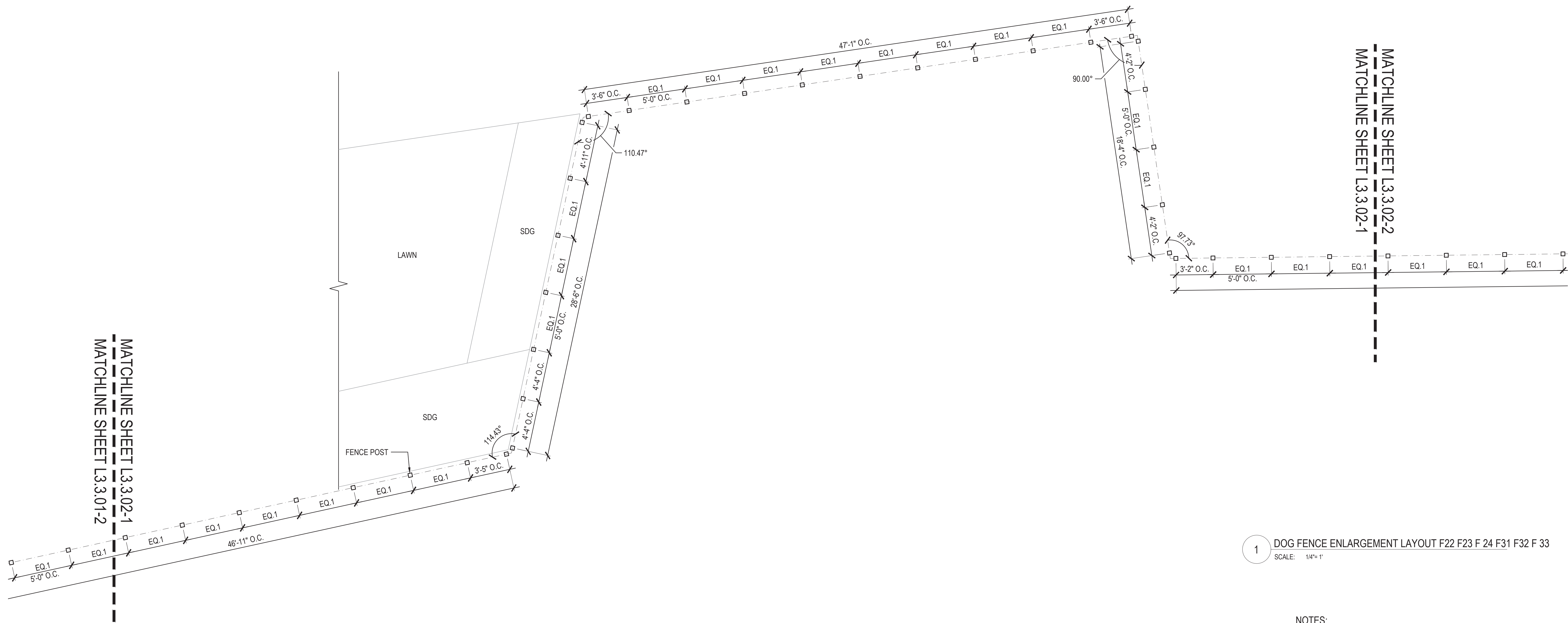
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2 DOG FENCE ENLARGEMENT LAYOUT F33 F34 F35 F41 F42 F43
SCALE: 1/4"=1'



1 DOG FENCE ENLARGEMENT LAYOUT F22 F23 F24 F31 F32 F33
SCALE: 1/4"=1'

- NOTES:
- SEE L8.3.01 FOR FENCE DETAILS.
 - SEE L3.3.03 -02 FOR FENCE POST LAYOUT DETAIL AT CORNERS.

Date	Description
05.06.2022	30% SUBMISSION
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02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

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Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

LAYOUT ENLARGEMENT PLAN - F22-24, F31-35 & F41-43

Scale
1/4"=1'-0"

L3.3.02

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

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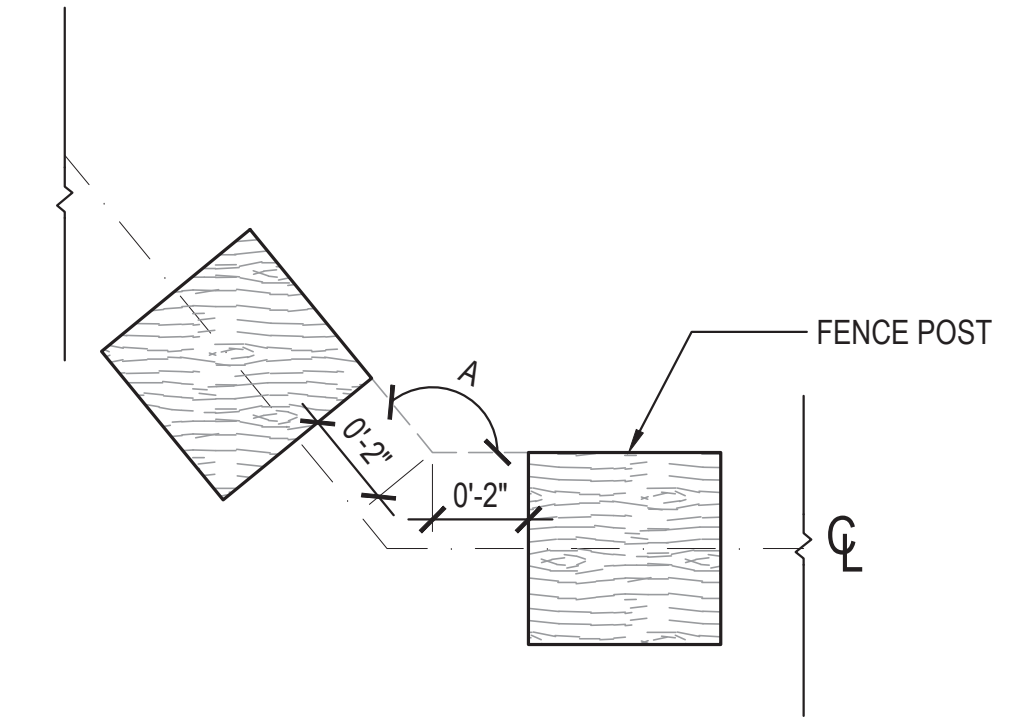
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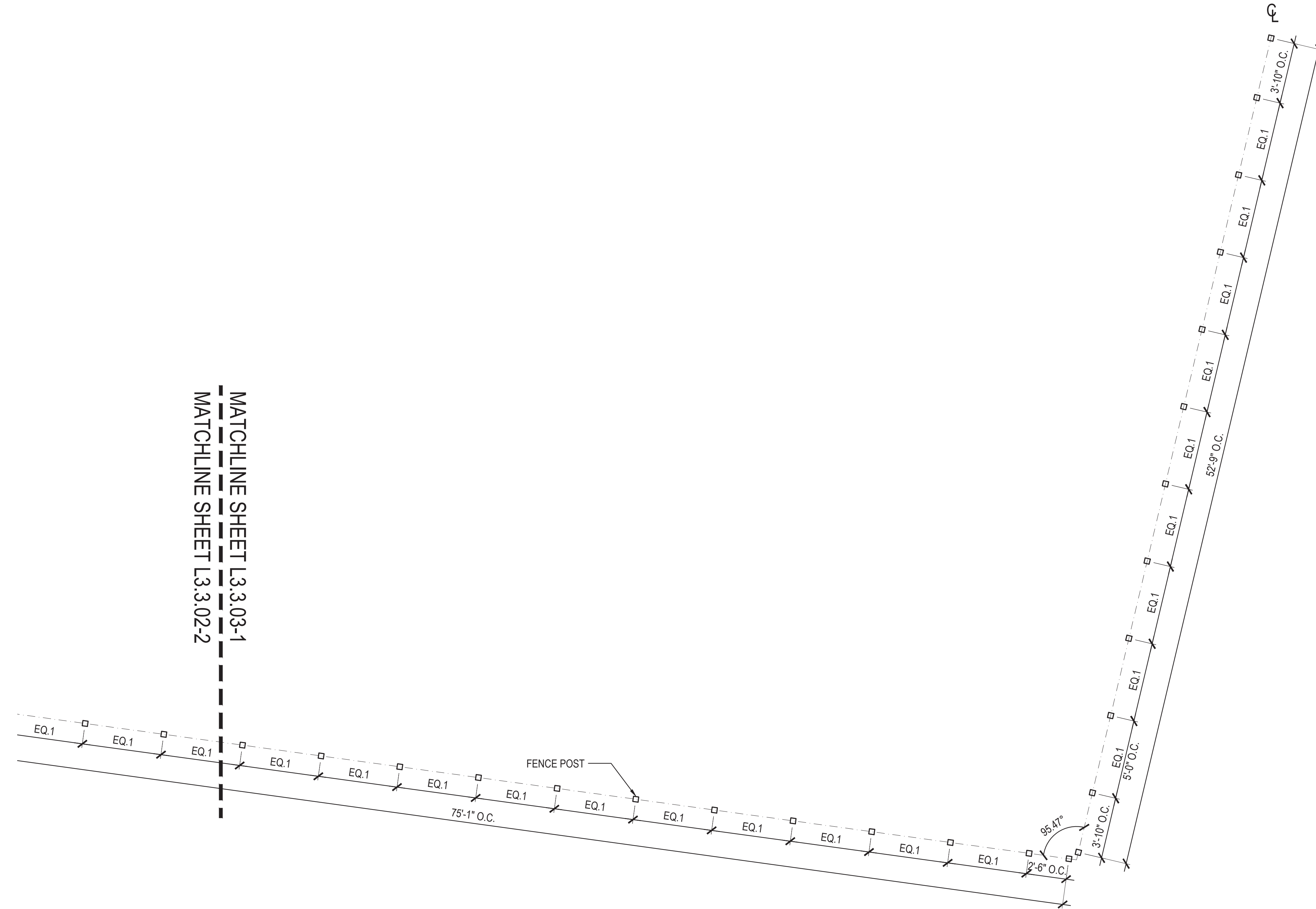
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- NOTES:
1. $A \leq 180^\circ$

2 FENCE POST DETAIL AT CORNER
SCALE: 3/4"=1'-0"



1 DOG FENCE ENLARGEMENT LAYOUT F43 F44
SCALE: 1/4"=1'-0"

- NOTES:
1. SEE L8.3.01 FOR FENCE DETAILS.
 2. SEE L3.3.03 -02 FOR FENCE POST LAYOUT DETAIL AT CORNERS.

Date	Description
05.06.2022	30% SUBMISSION
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02.13.2023	90% DRAFT SET
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05.01.2023	100% SUBMISSION

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Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

LAYOUT ENLARGEMENT PLAN - F43 & F44

Scale
1/4"=1'-0"

L3.3.03

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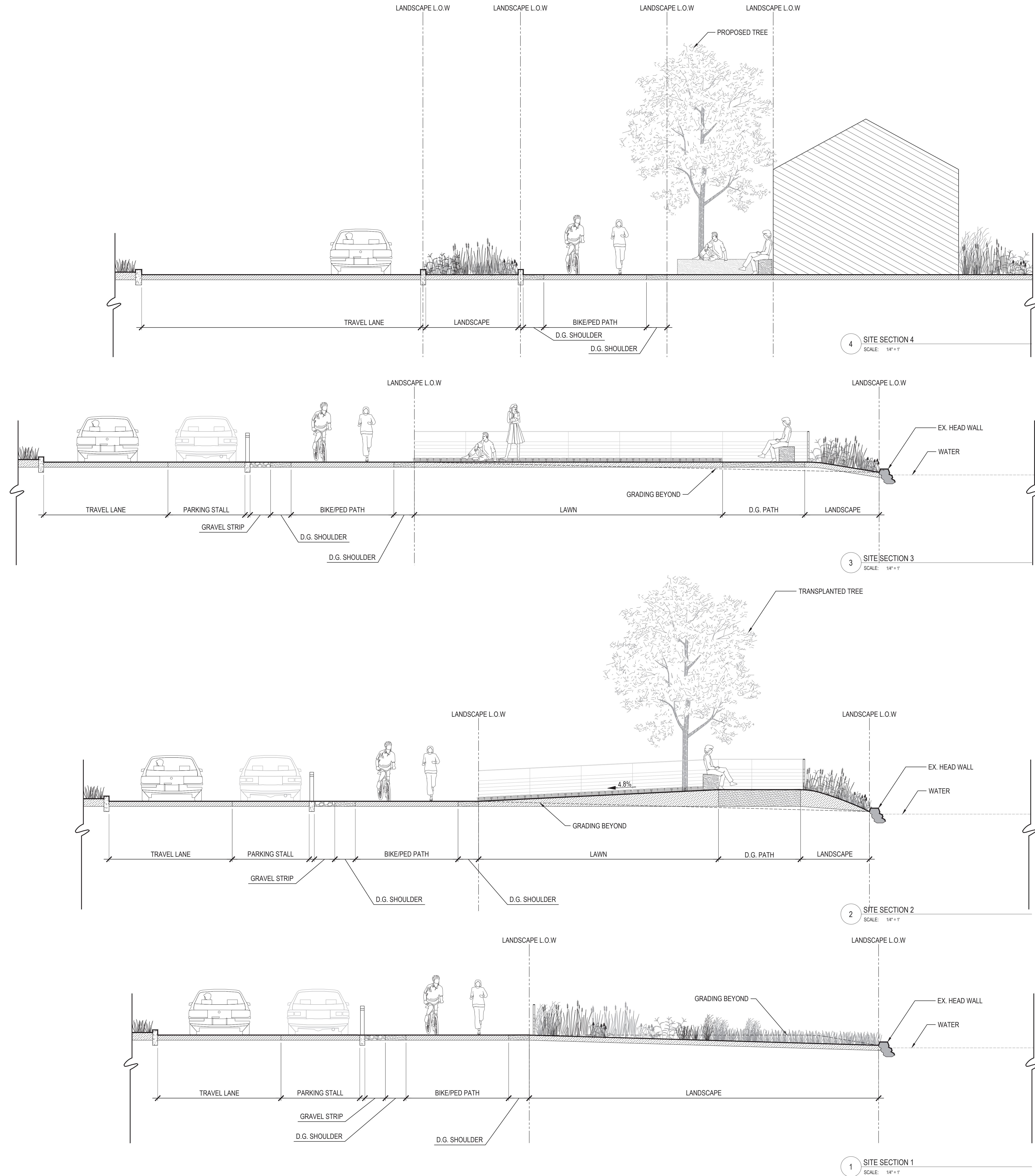
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United States

Tel: 510.625.7400
Fax: 510.625.7499

TLS Landscape Architecture

Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 94710

Tel: 510.524.3363
Fax: 510.524.3863



Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

SITE SECTIONS

Scale
1/4" = 1'

L5.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

LB2 PARTNERS
Tel 415.845.7500

Gensler

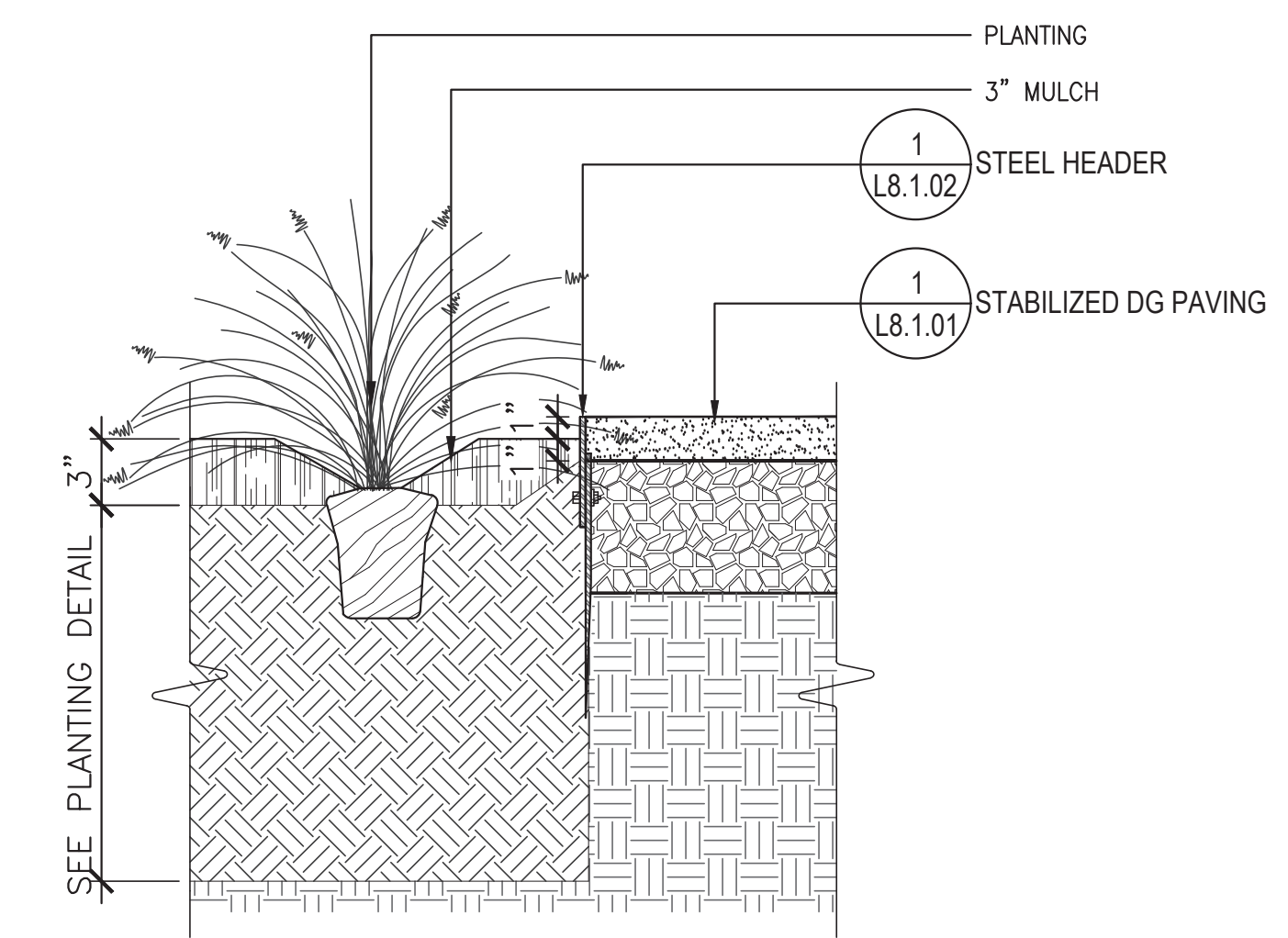
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

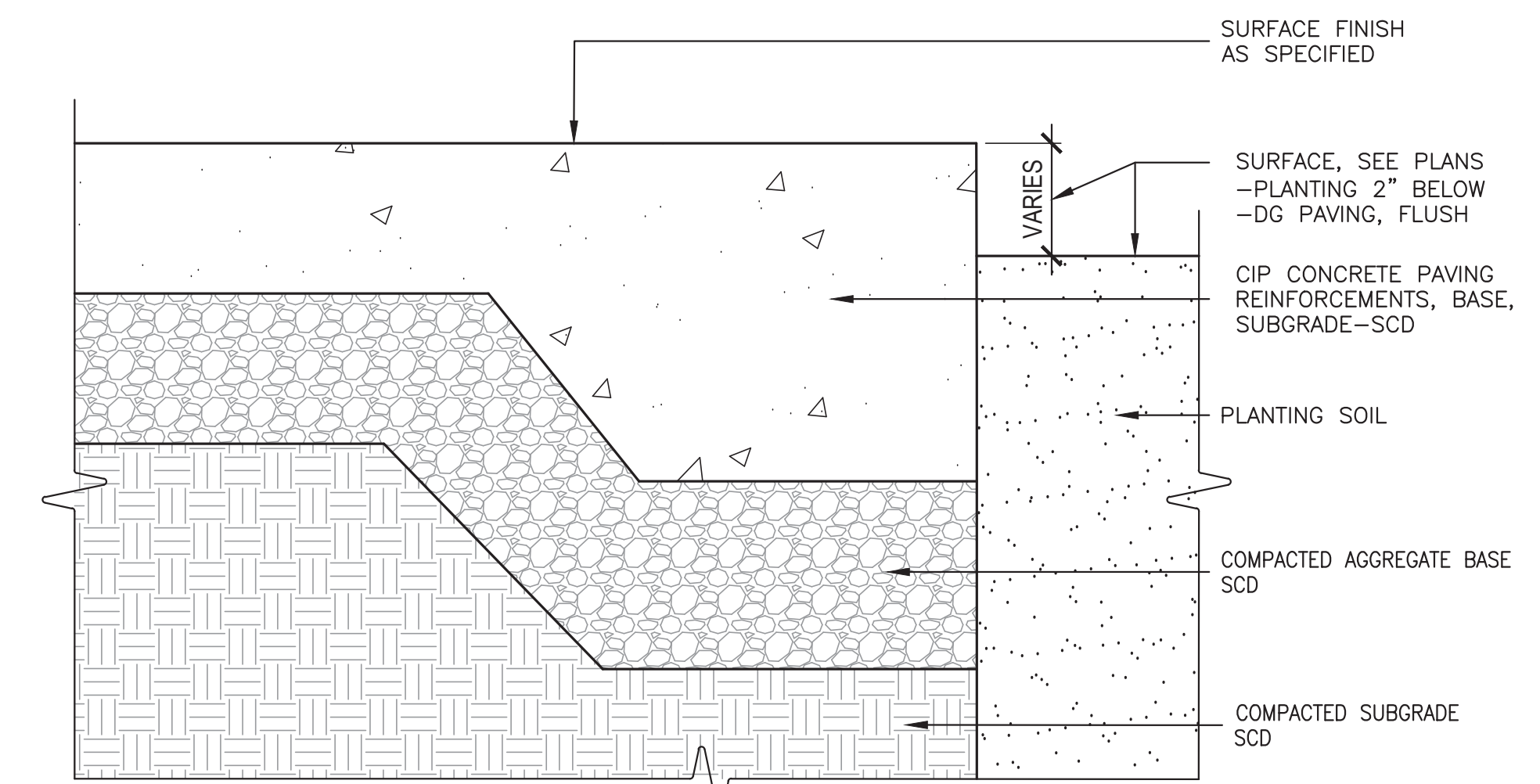
TLS Landscape Architecture

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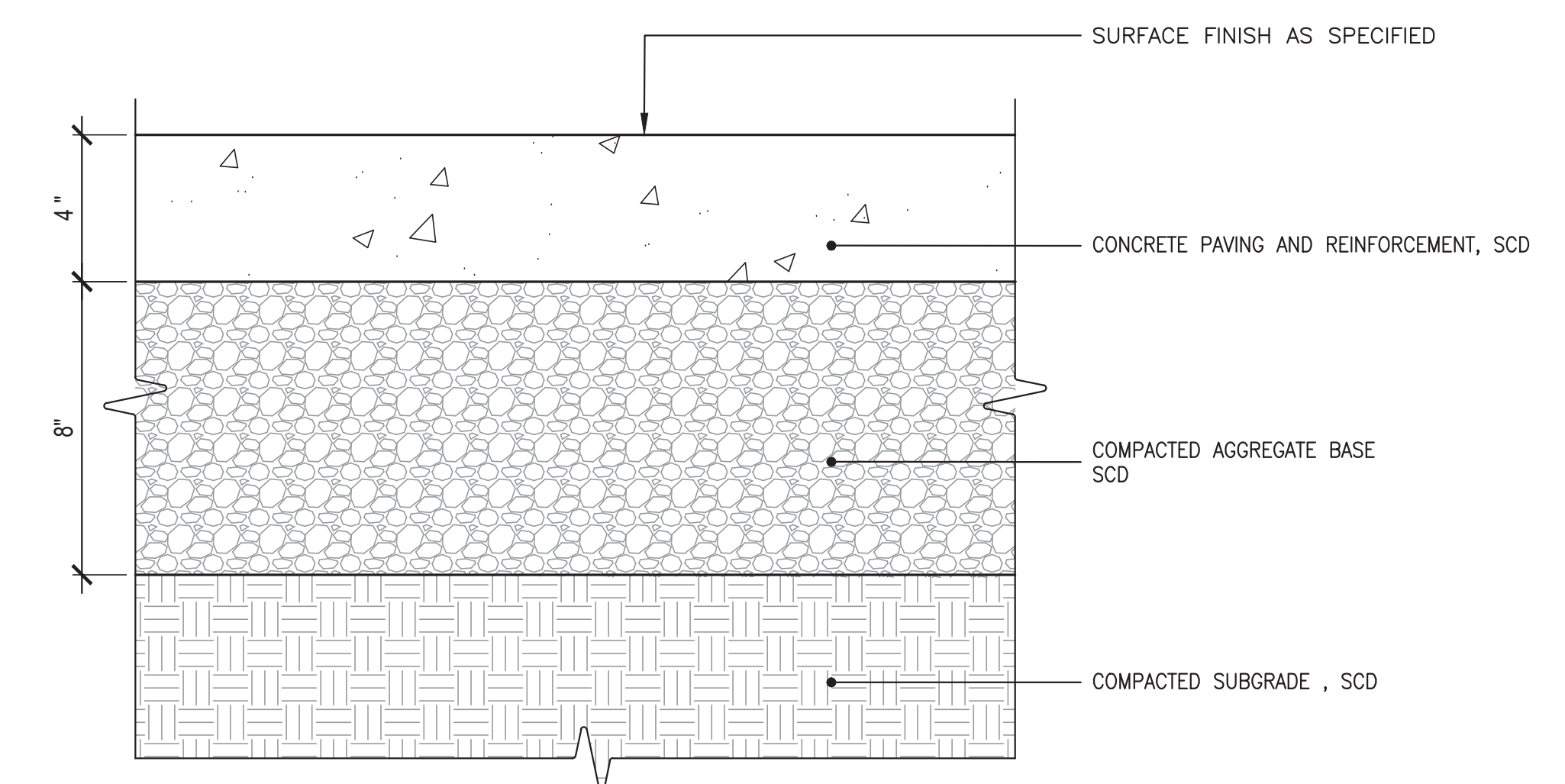


4 STEEL HEADER AT STABILIZED DG PAVING
SCALE: 1/12"=1'

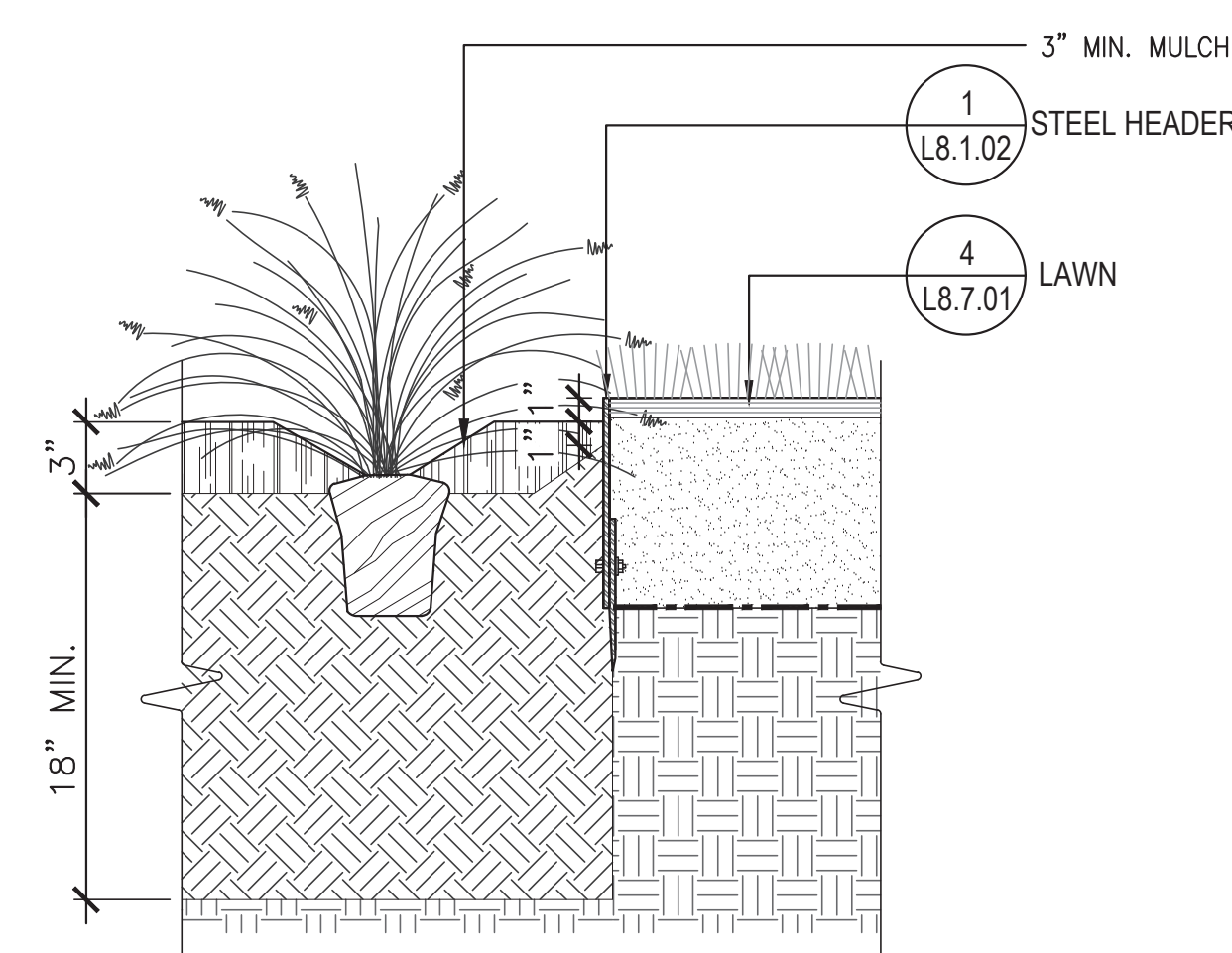


NOTE:
1. SEE L8.1.02 FOR JOINT DETAILS.
2. 3" MULCH LAYER NOT SHOWN FOR CLARITY.

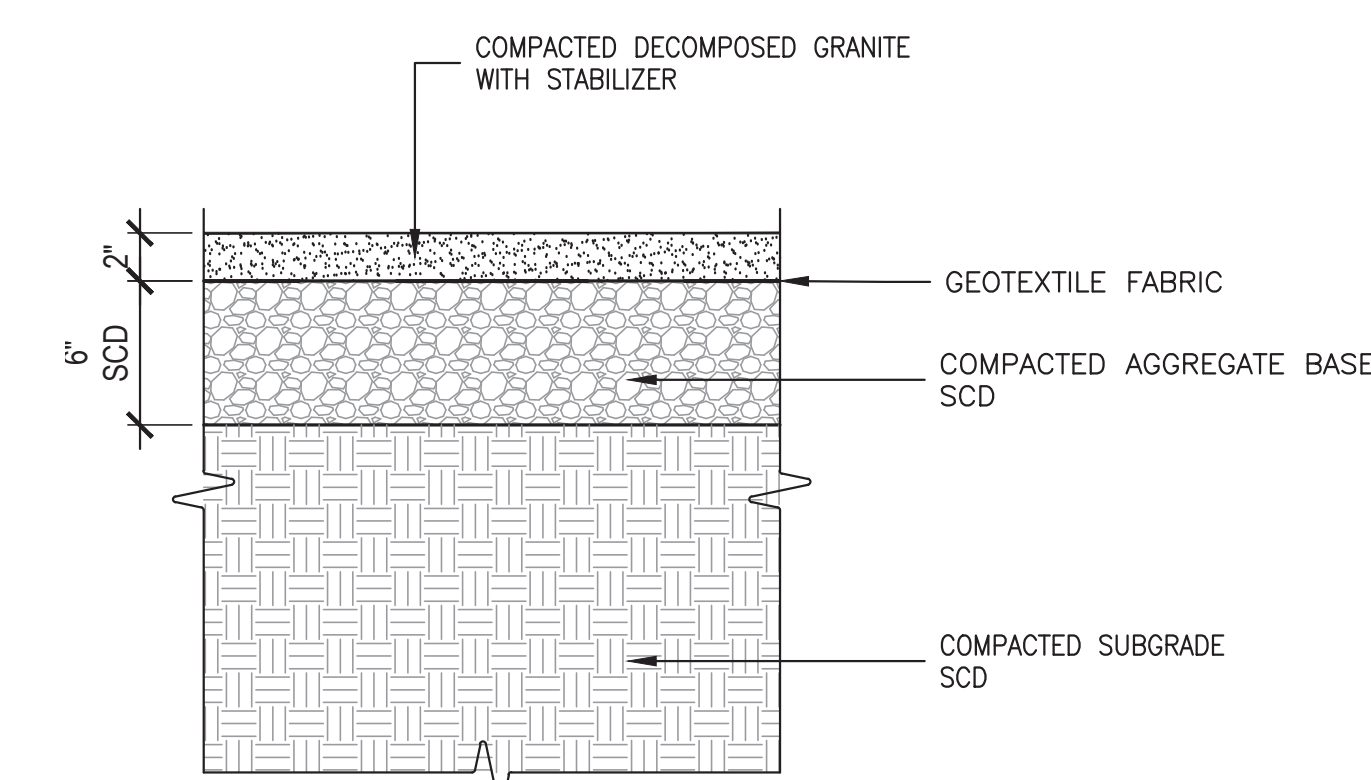
3 CONCRETE PAVING EDGE AT PLANTING
SCALE: 3/16"=1'



2 CONCRETE PAVING ON GRADE
SCALE: 3/16"=1'



5 STEEL HEADER AT LAWN
SCALE: 1/12"=1'



1 STABILIZED DECOMPOSED GRANITE
SCALE: 1/12"=1'

Date	Description
05.06.2022	30% SUBMISSION
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02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

PAVING DETAILS

Scale
AS SHOWN

L8.1.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

L&P PARTNERS
Tel 415.845.7500

Gensler

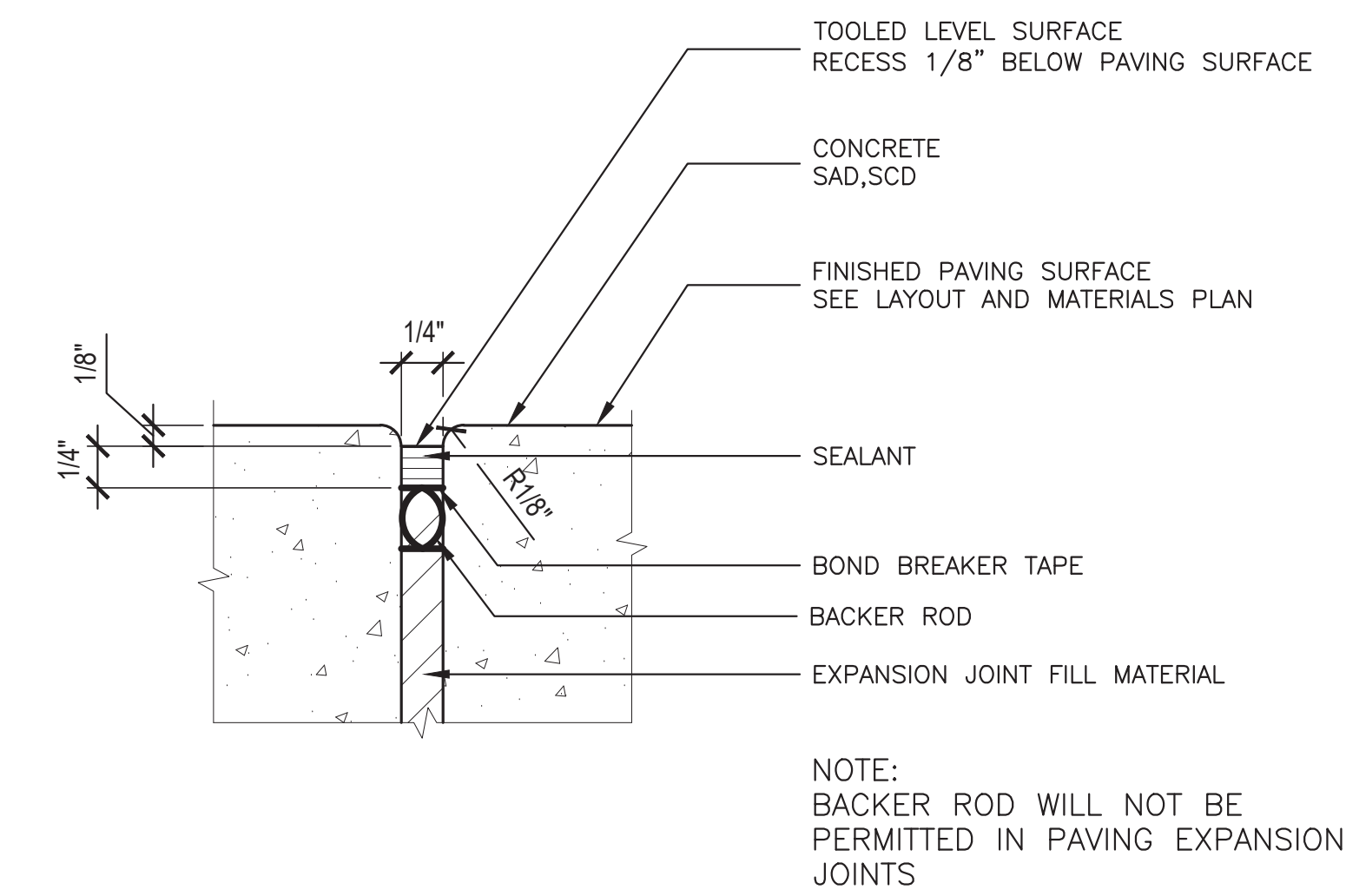
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

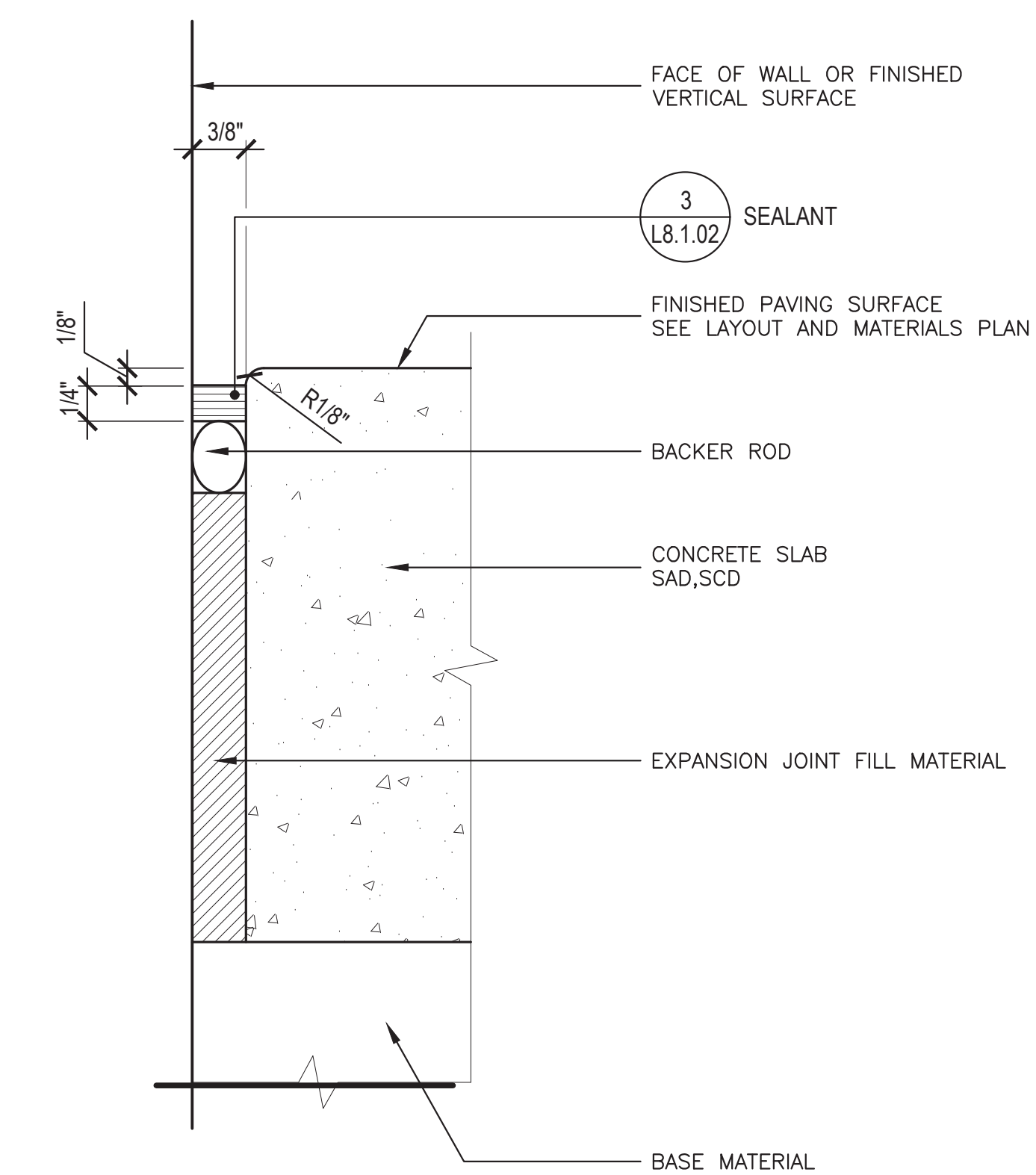
TLS Landscape Architecture

Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 95710

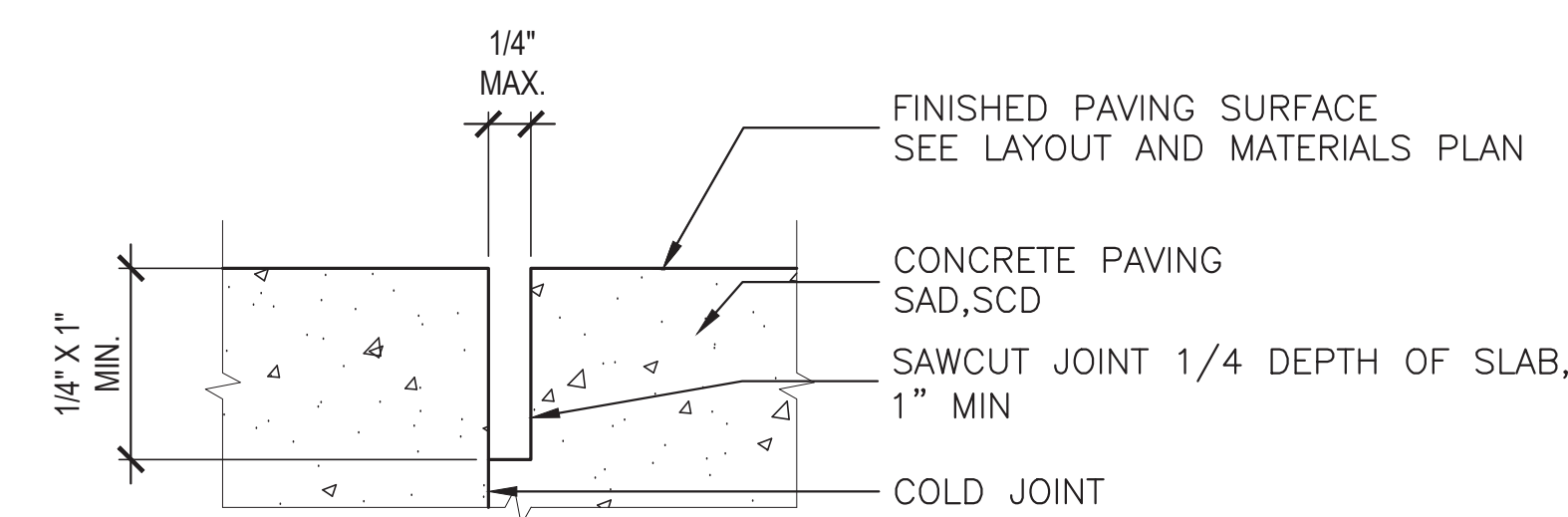
Tel 510.524.3863
Fax 510.524.3863



3 EXPANSION JOINT SEALANT
SCALE: 1" = 1'-0"

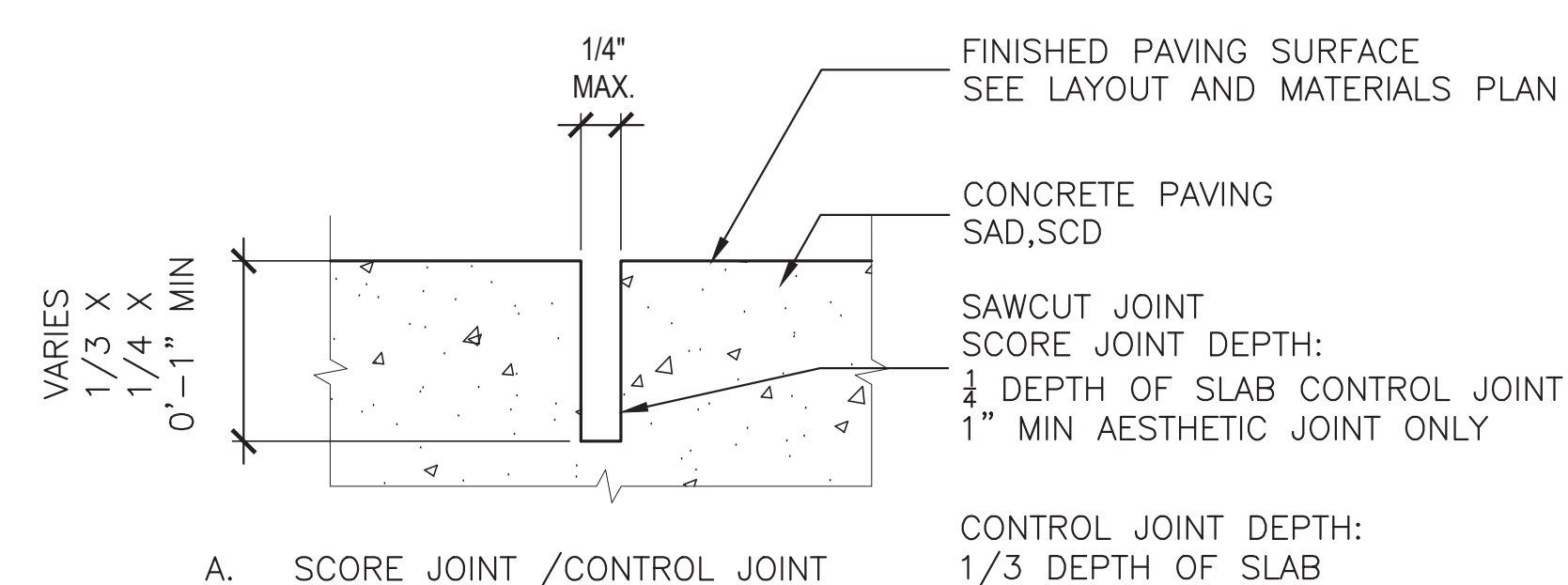


2 ISOLATION JOINT AT VERTICAL AND BUILDING
SCALE: 1" = 1'-0"



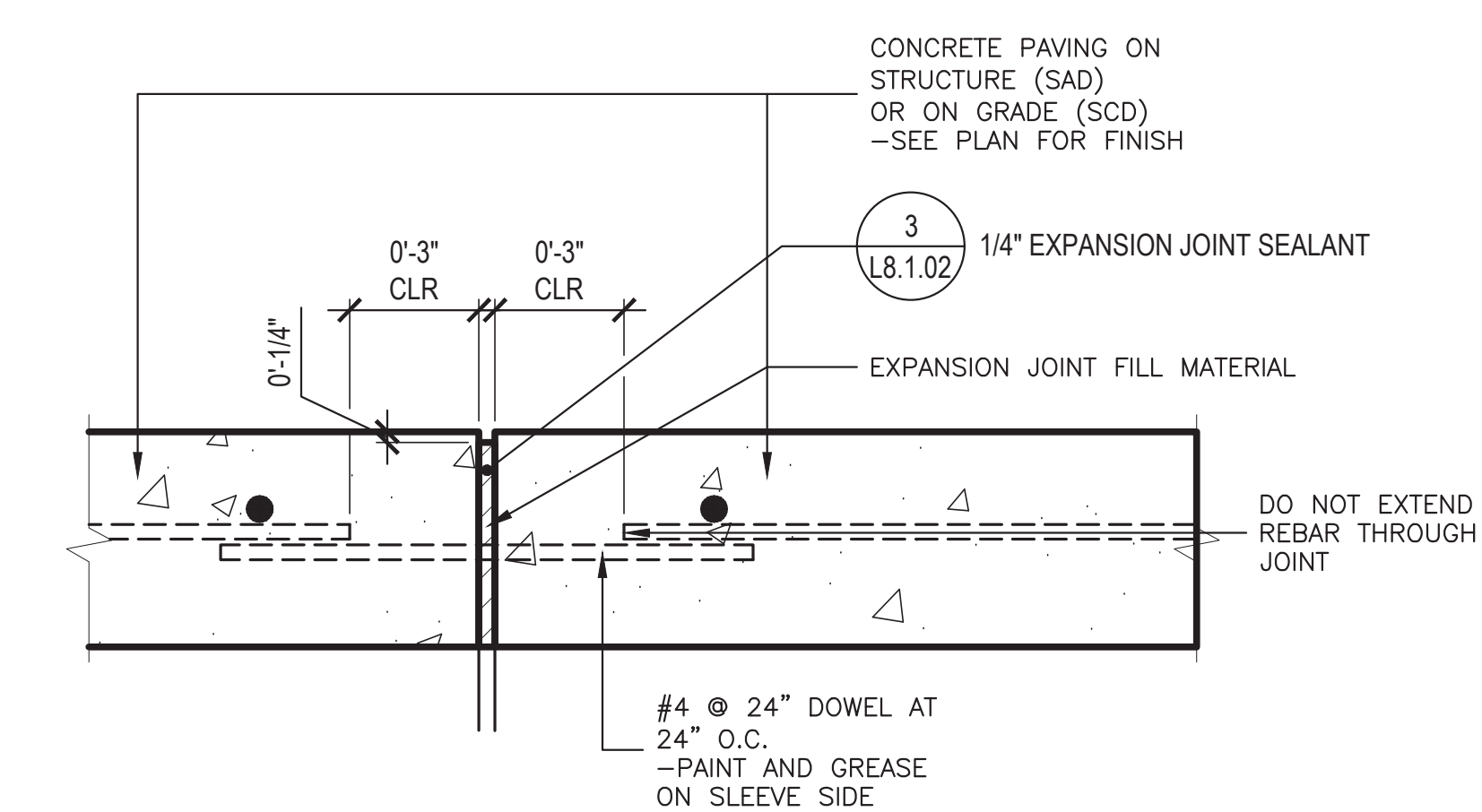
B. COLD JOINT

- NOTES:
1. JOINT LOCATION AND SPACING PER LAYOUT ENLARGEMENT PLAN (LX.X.XX-LX.XX.XX) UNLESS OTHERWISE NOTED.
 2. "X" = SLAB DEPTH



A. SCORE JOINT /CONTROL JOINT
CONTROL JOINT DEPTH: 1/3 DEPTH OF SLAB

4 SAW CUT CONTROL JOINT
SCALE: 1" = 1'-0"



1 EXPANSION JOINT
SCALE: 3" = 1'-0"

Date	Description
05.06.2022	30% SUBMISSION
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03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
PAVING DETAILS - JOINTS

Scale
AS SHOWN

L8.1.02

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel: 650.838.0100

LB2 PARTNERS
Tel: 415.845.7500

Gensler

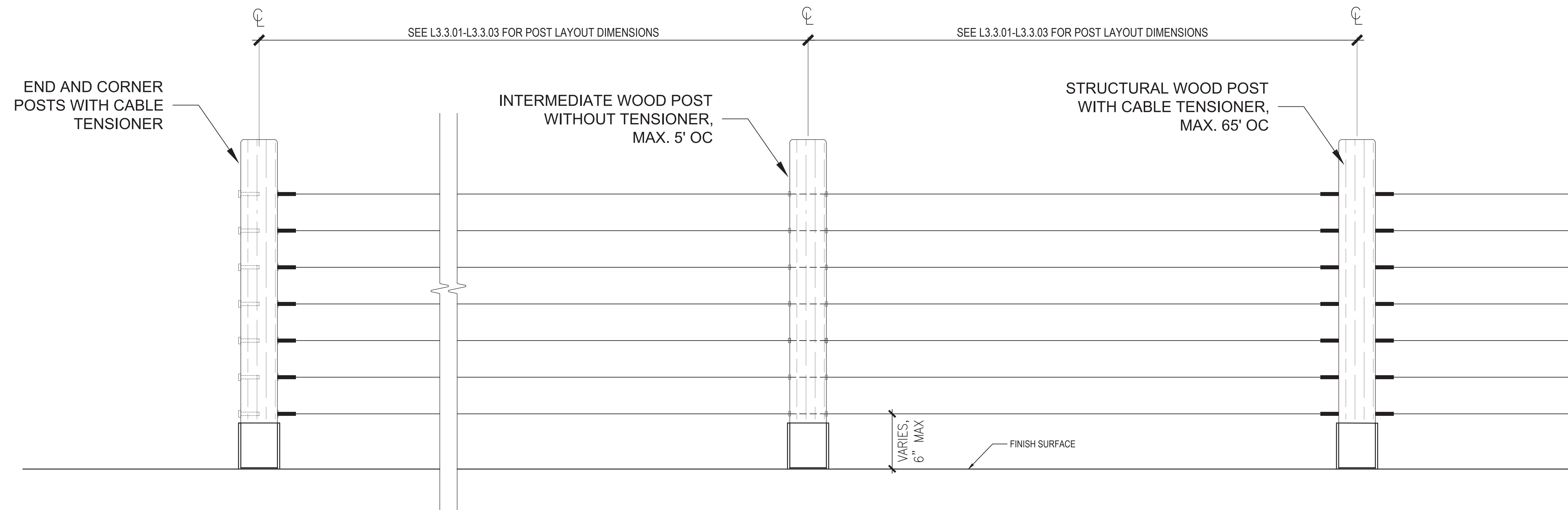
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel: 510.625.7400
Fax: 510.625.7499

TLS Landscape Architecture

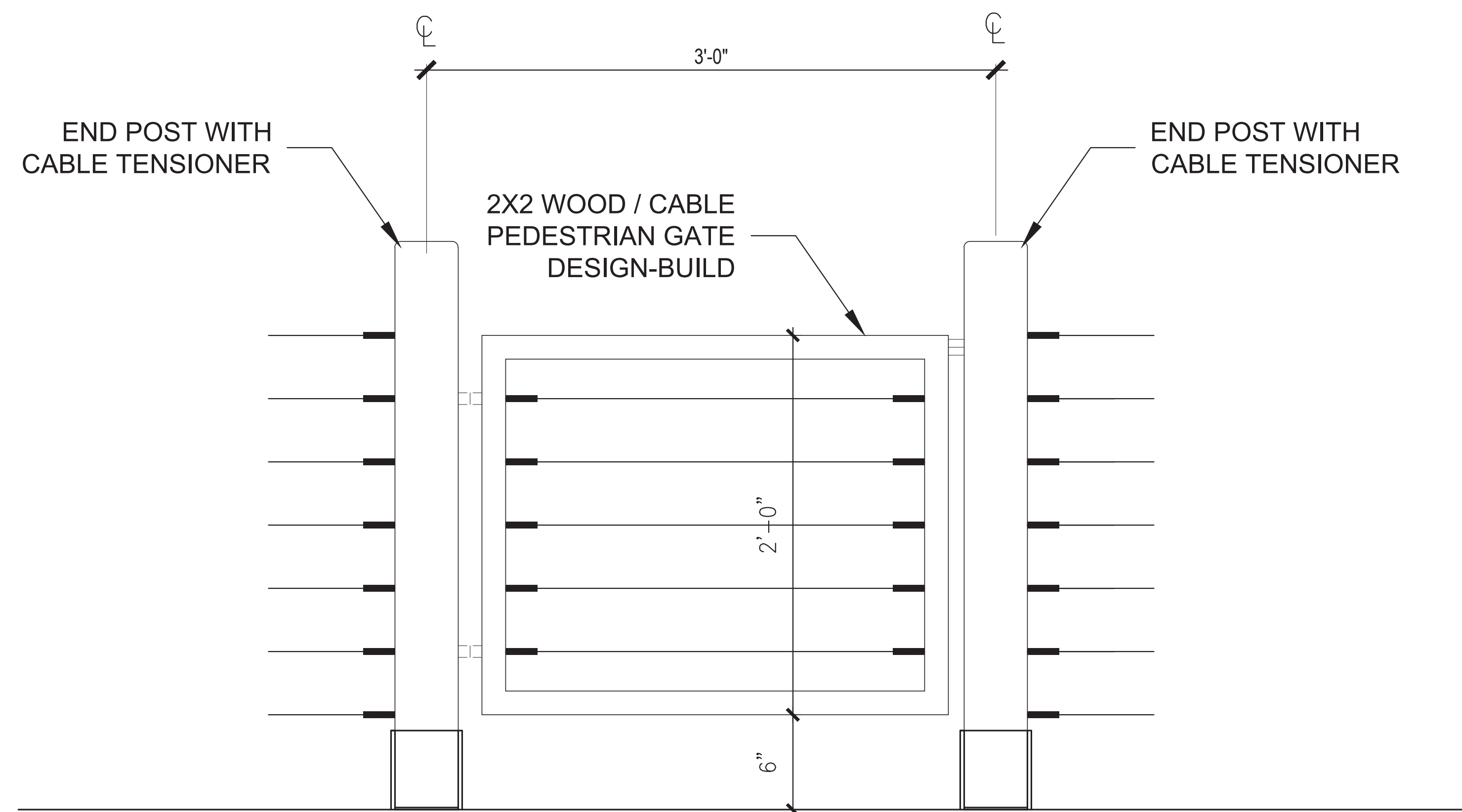
Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 94710

Tel: 510.524.3363
Fax: 510.524.3863

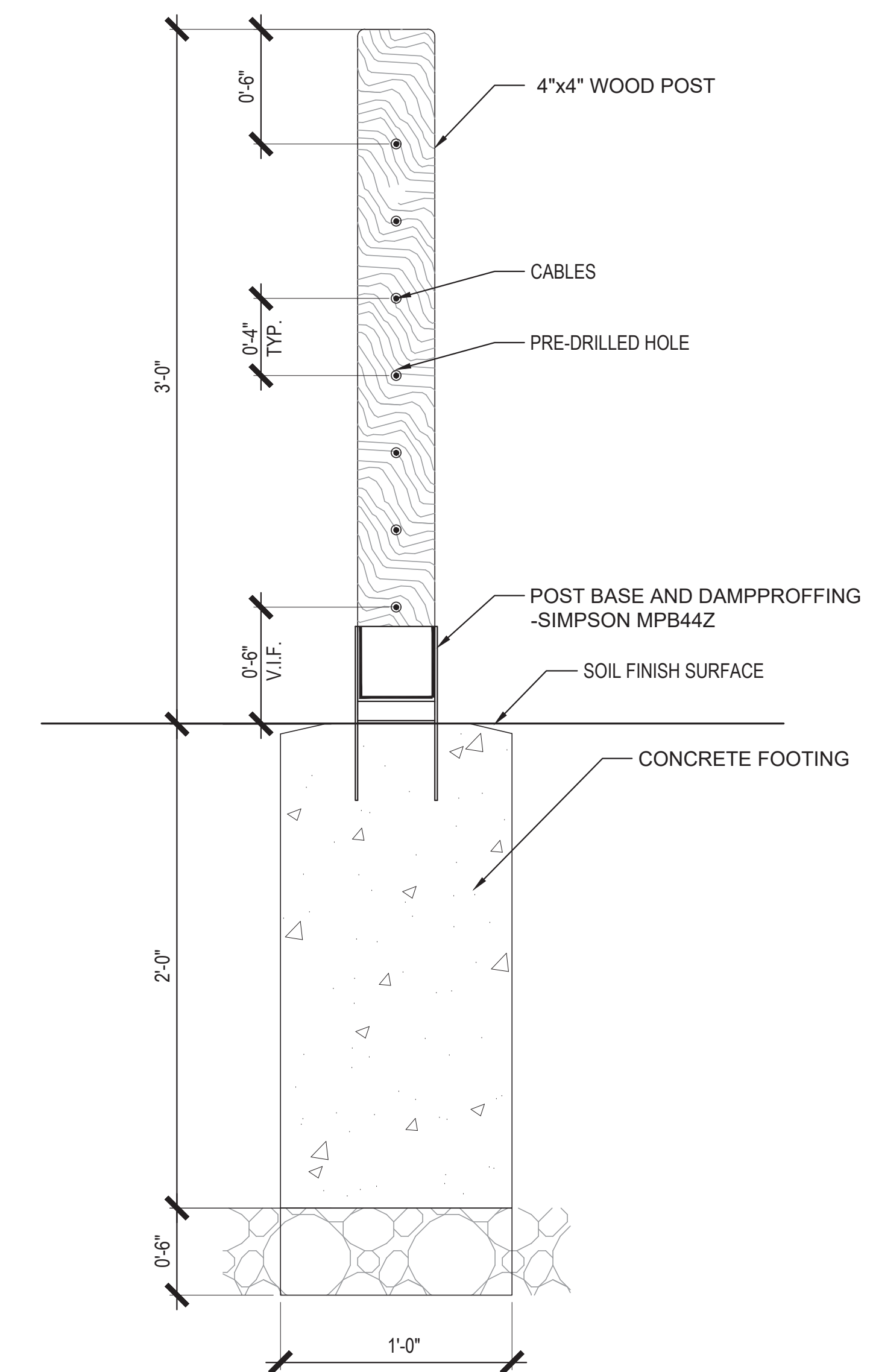


2 DOG FENCE ELEVATION
SCALE: 2" = 1'-0"

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION



3 DOG FENCE GATE DETAIL
SCALE: 2" = 1'-0"



1 DOG FENCE POST DETAIL
SCALE: 2" = 1'-0"

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
FENCE DETAILS

Scale
AS SHOWN

L8.3.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

L&P PARTNERS
Tel 415.845.7500

Gensler

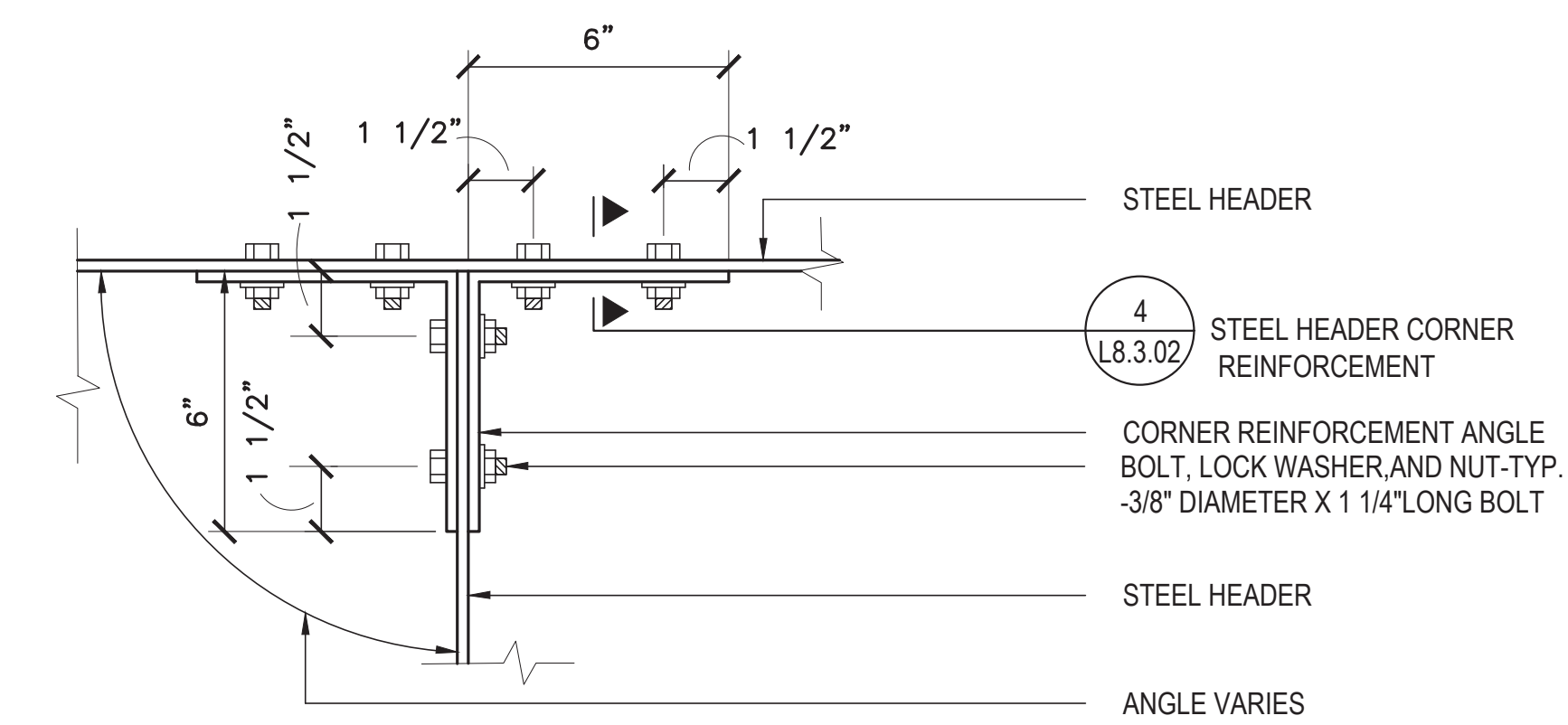
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

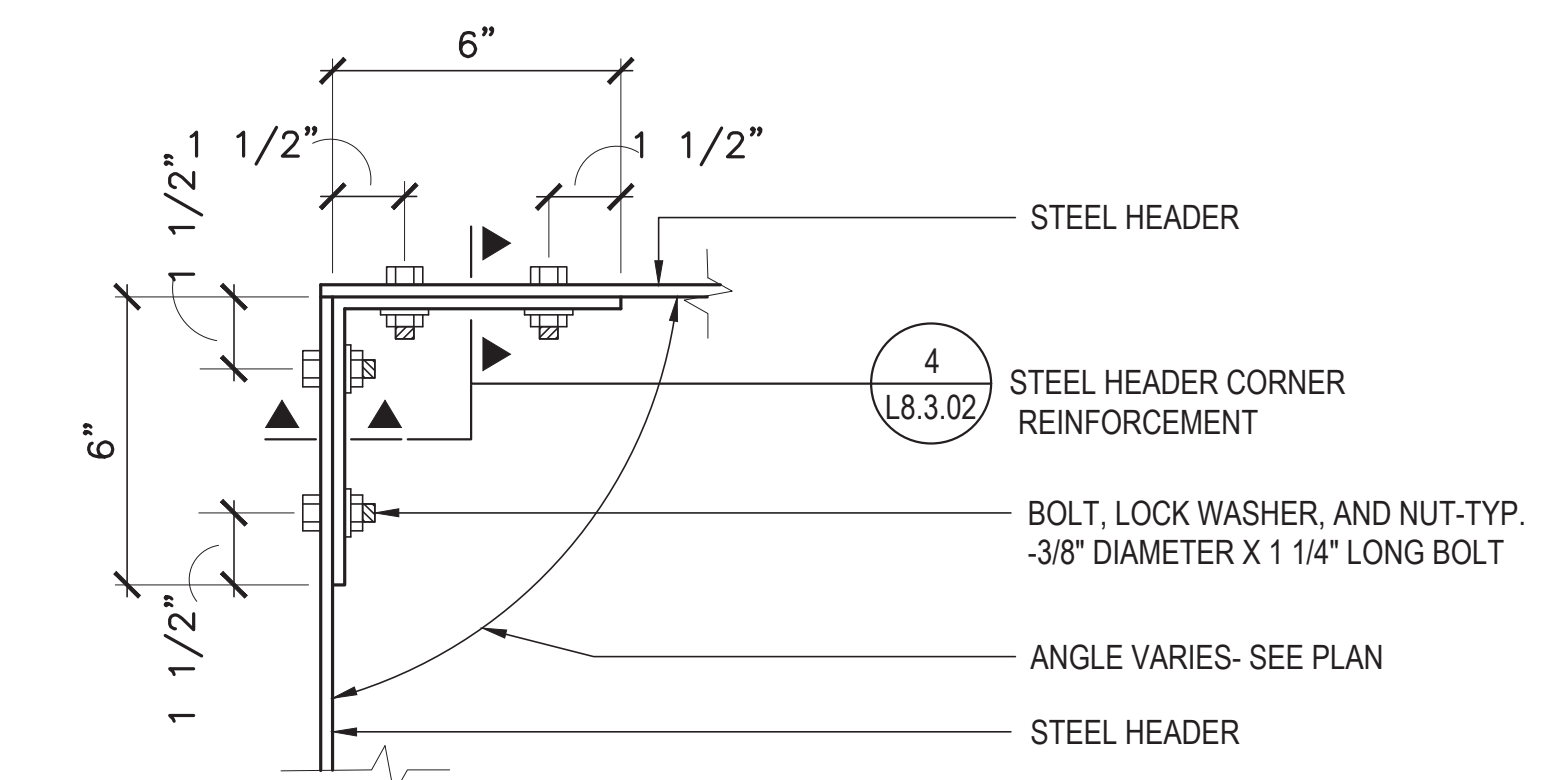
TLS Landscape Architecture

Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 94710

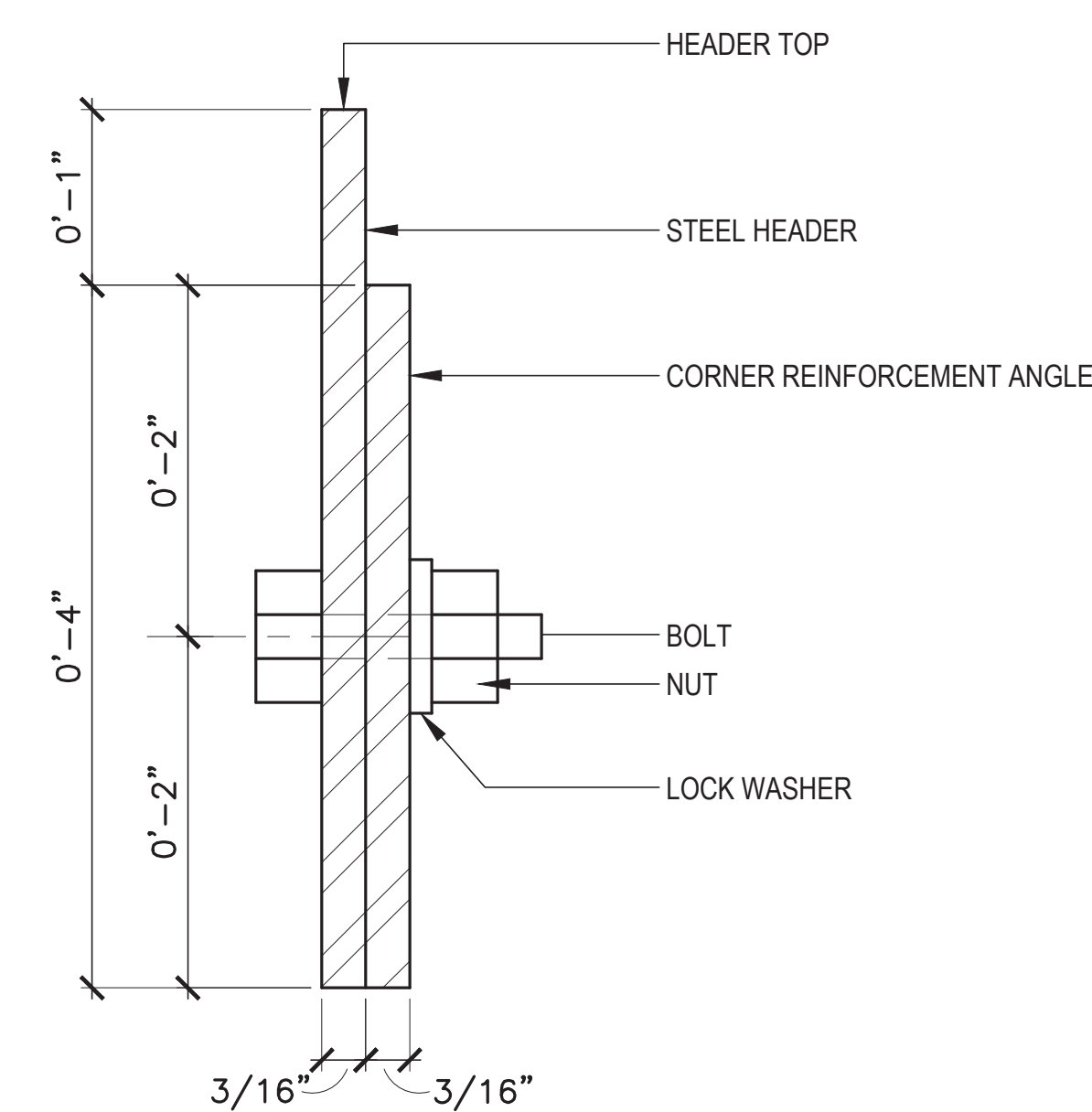
Tel 510.524.3363
Fax 510.524.3863



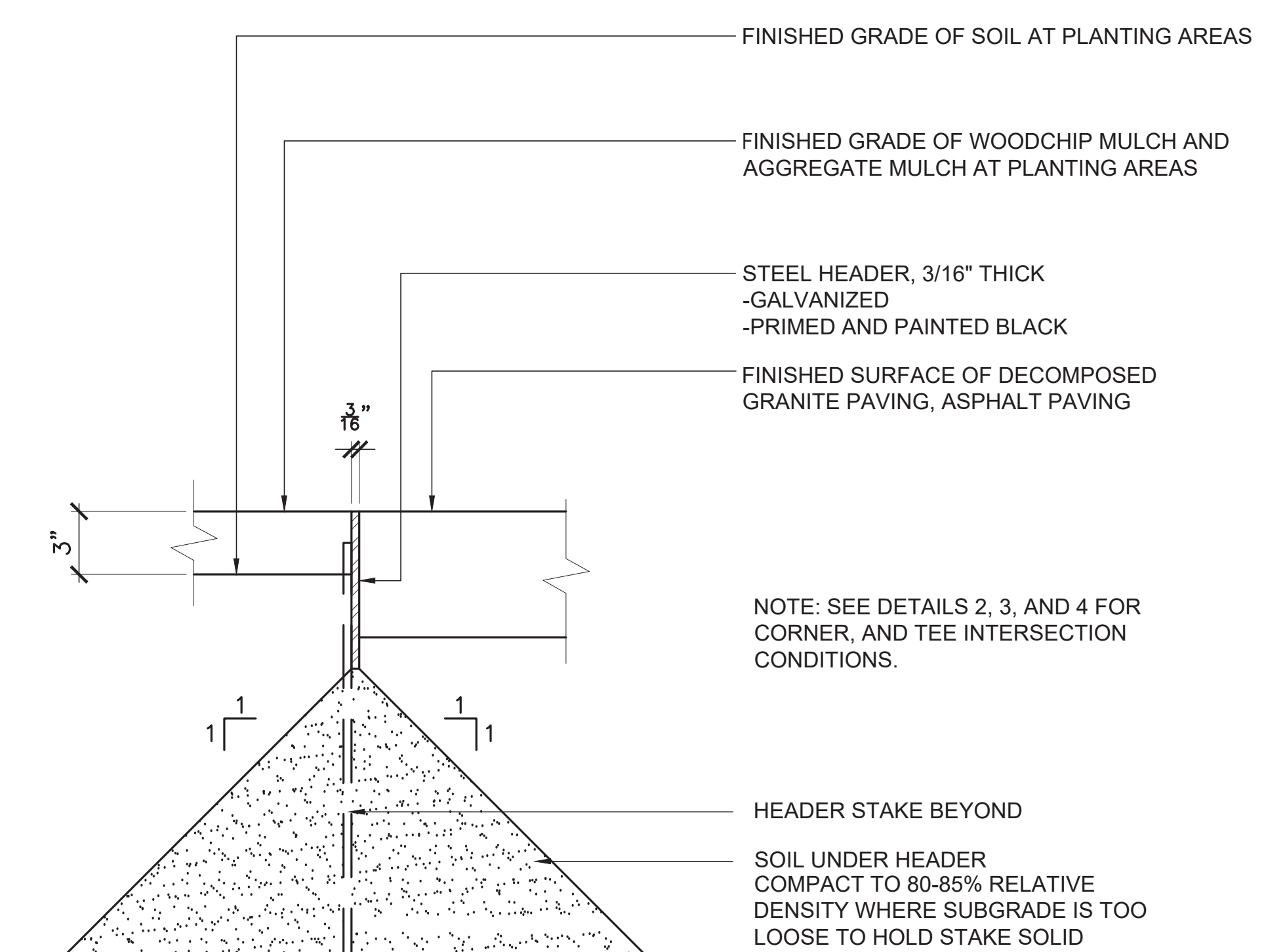
3 STEEL HEADER T-INTERSECTION
SCALE: 3" = 1'-0"



2 STEEL HEADER CORNER
SCALE: 3" = 1'-0"



4 STEEL HEADER CORNER REINFORCEMENT
SCALE: 1'-0" = 1'-0"



1 STEEL HEADER
SCALE: 3" = 1'-0"

Date	Description
05.06.2022	30% SUBMISSION
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02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description
HEADER DETAILS

Scale
AS SHOWN

L8.3.02

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel: 650.838.0100

L&P PARTNERS
Tel: 415.845.7500

Gensler

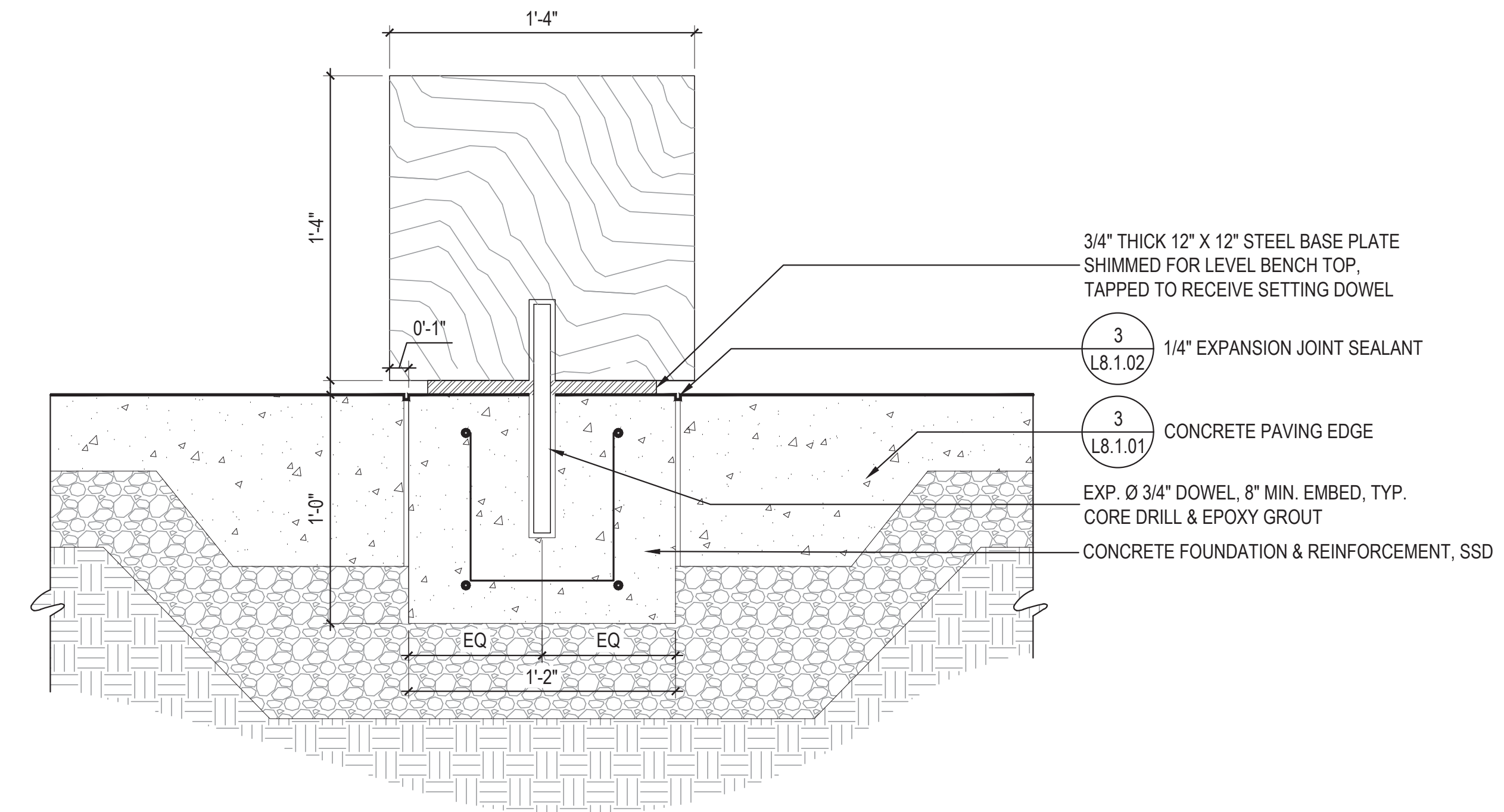
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel: 510.625.7400
Fax: 510.625.7499

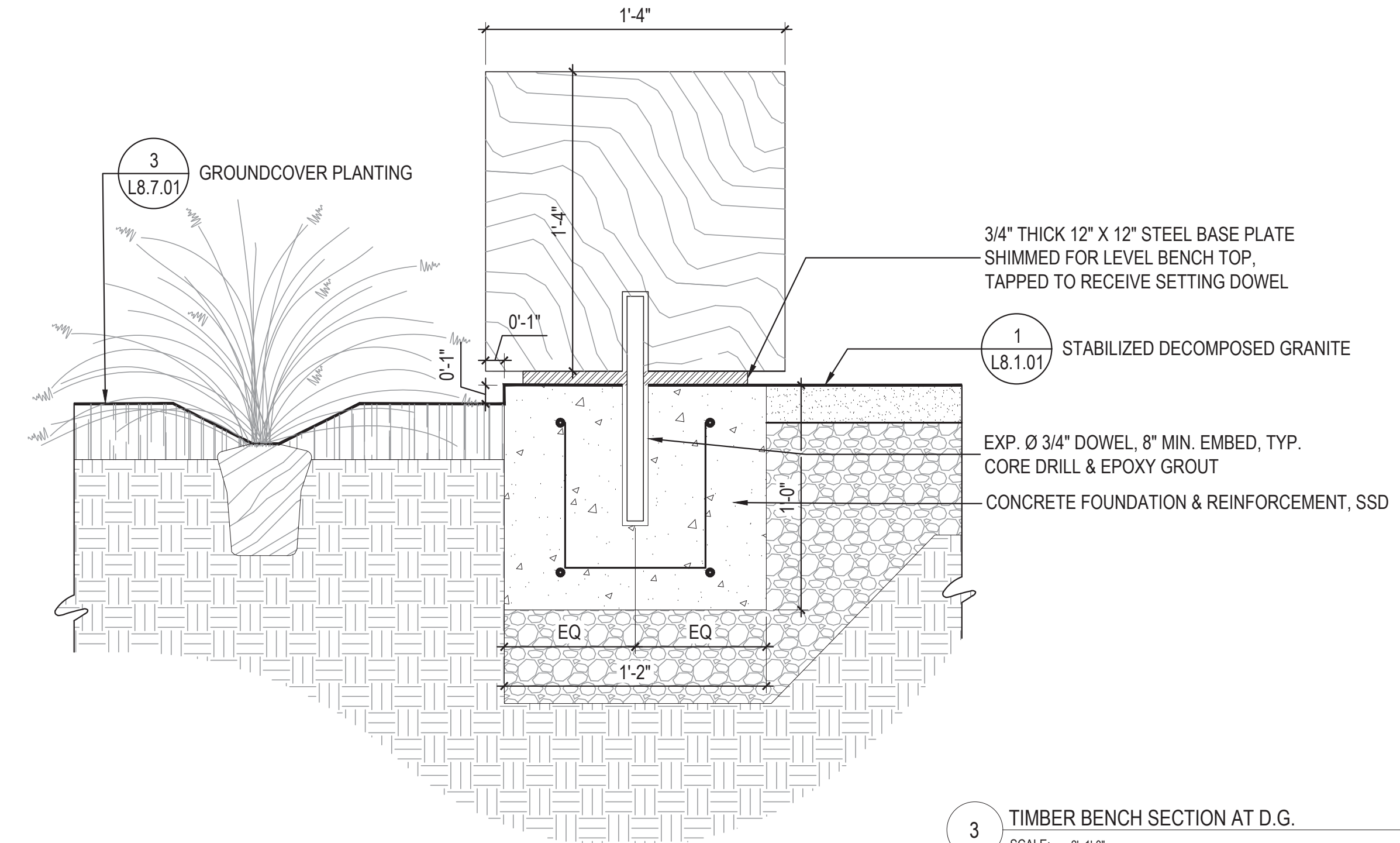
TLS Landscape Architecture

Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 95710

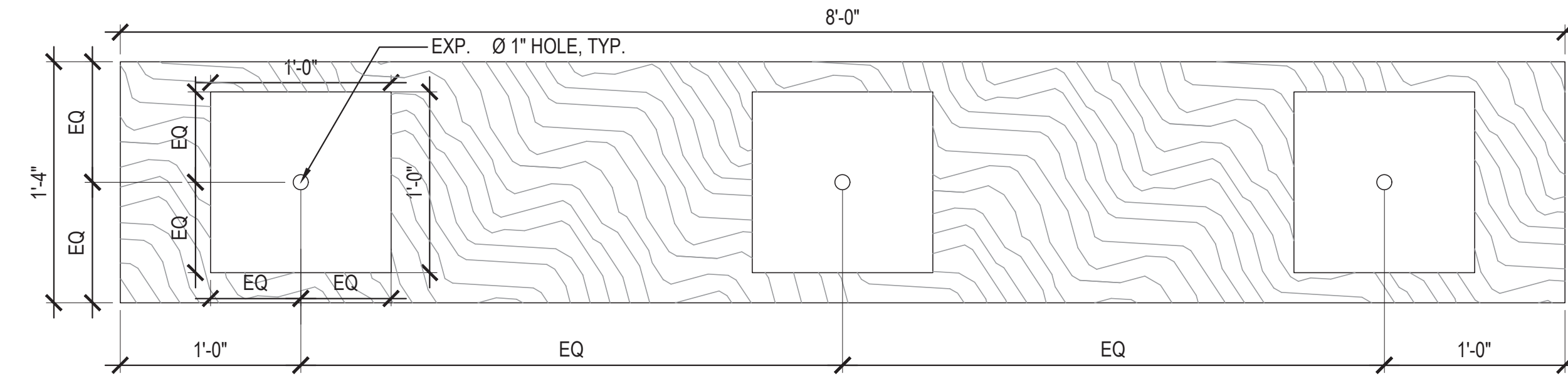
Tel: 510.524.3363
Fax: 510.524.3863



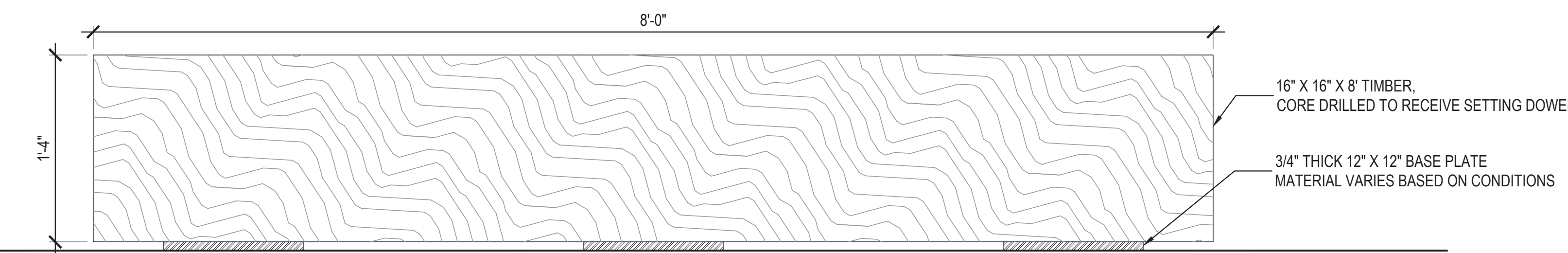
4 TIMBER BENCH SECTION AT P.I.C.
SCALE: 2"=1'-0"



3 TIMBER BENCH SECTION AT D.G.
SCALE: 2"=1'-0"



2 TIMBER BENCH BOTTOM VIEW
SCALE: 1-1/2"=1'-0"



1 TIMBER BENCH ELEVATION
SCALE: 1-1/2"=1'-0"

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

Aquatic Park | Bolivar Drive Improvements

Project Number

33.4462.000

Description

TIMBER BENCH DETAILS

Scale

AS SHOWN

L8.5.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Merilo Avenue, 2nd Floor
Oakland, CA 94612
Tel 510.838.0100

L&P PARTNERS
Tel 415.845.7500

Gensler

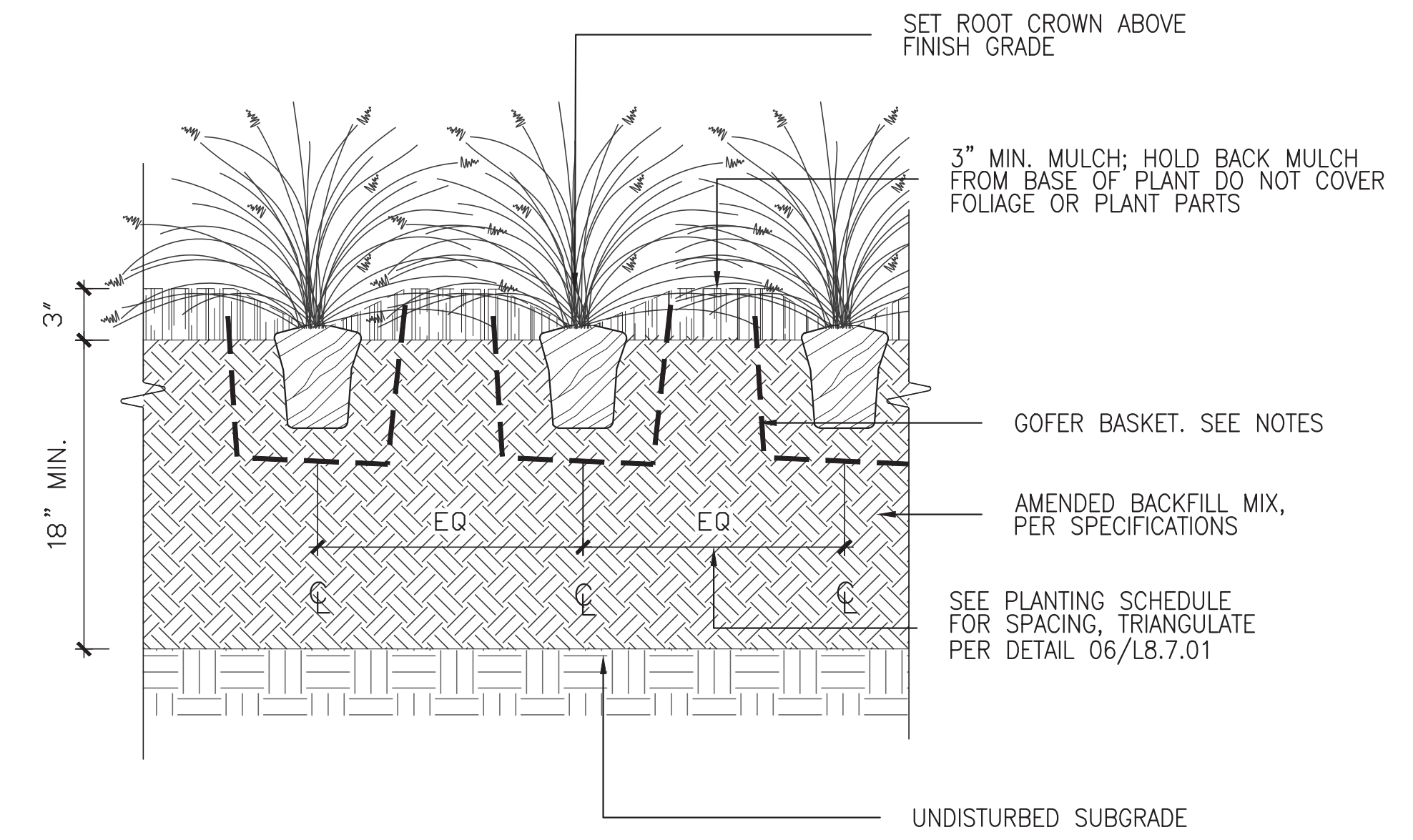
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

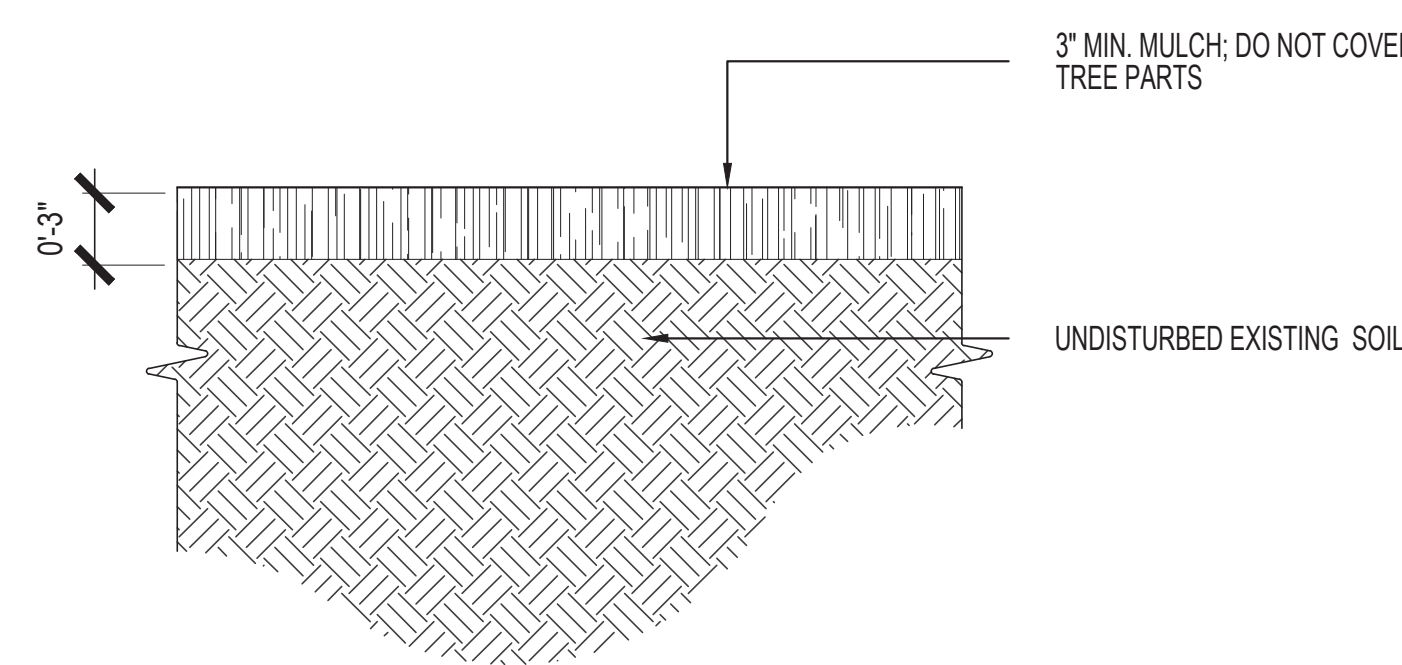
TLS Landscape Architecture

Tom Leader Studio Inc.
1015 Camella Street
Berkeley, CA 95710

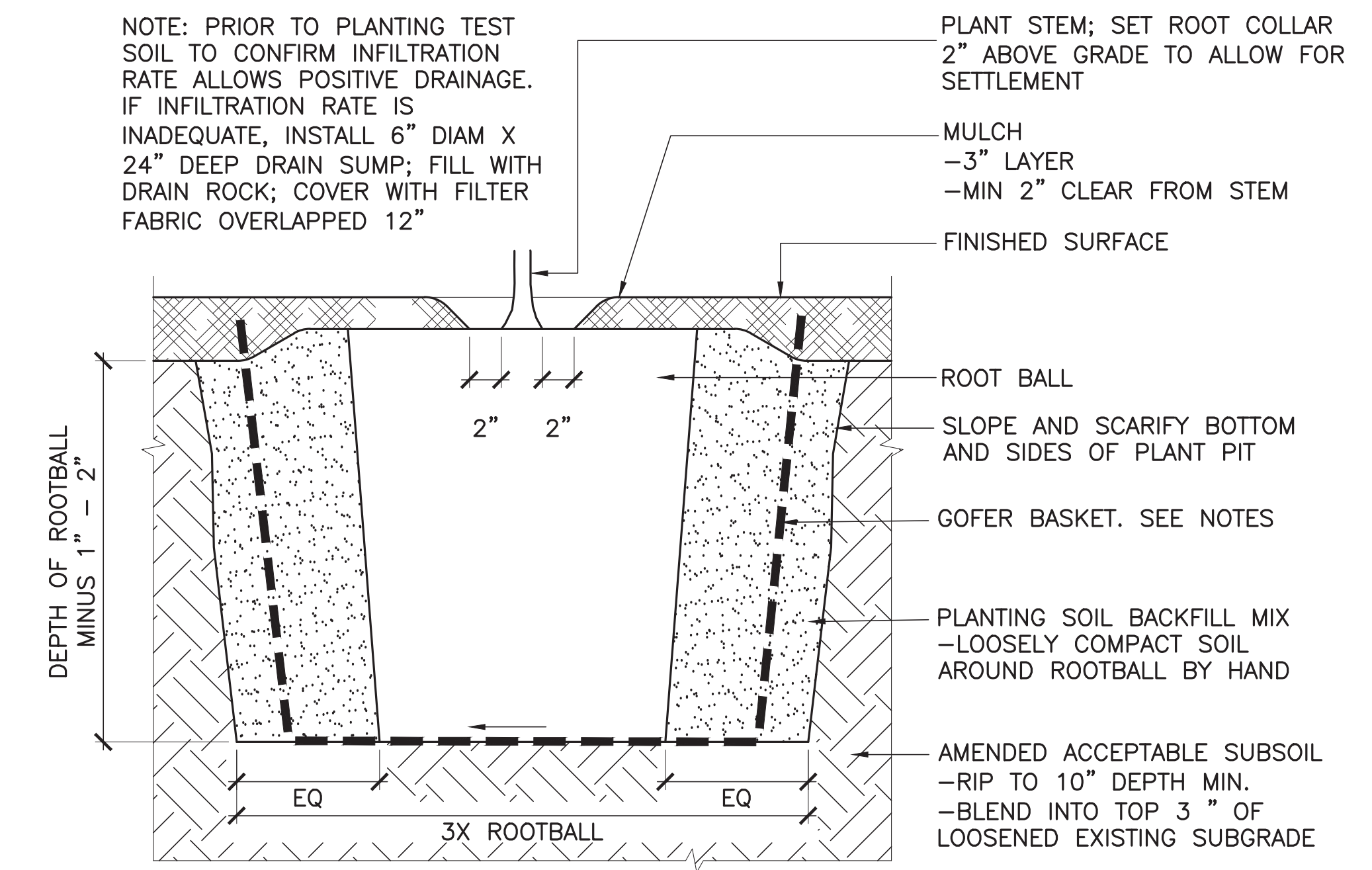
Tel 510.524.3863
Fax 510.524.3863



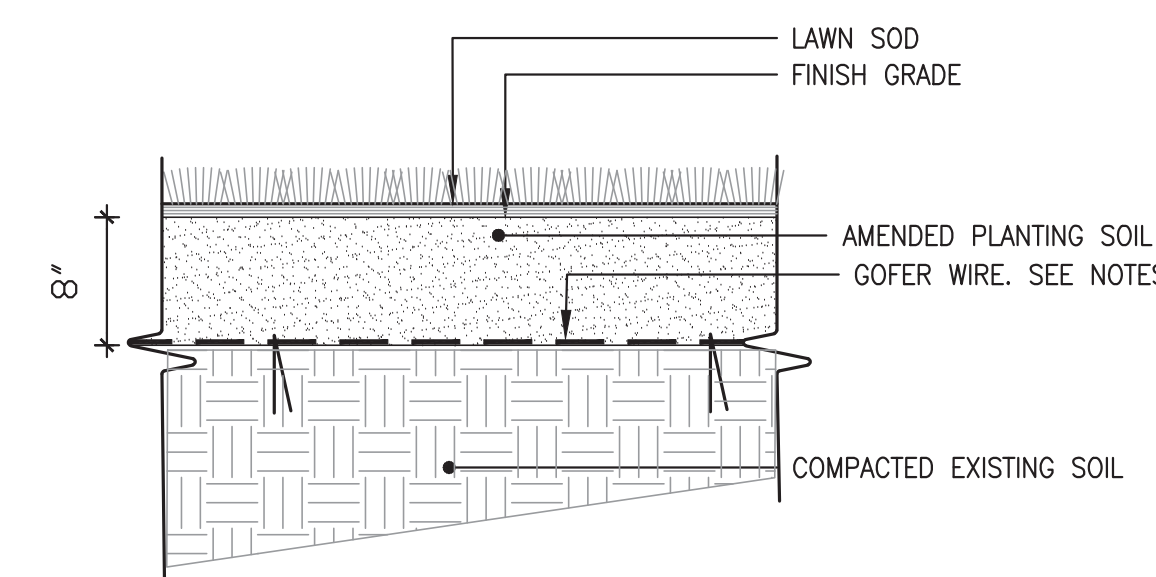
3 TYPICAL GROUNDCOVER PLANTING ON GRADE
SCALE: 1/12" = 1'-0"



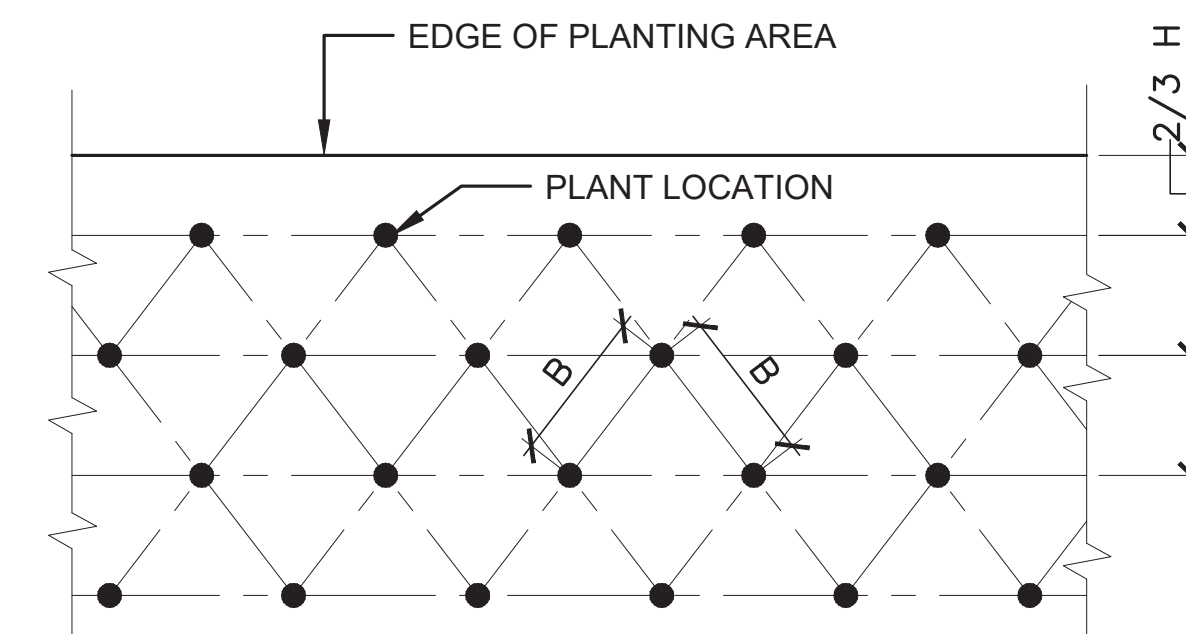
5 TYPICAL MULCH SURFACING
SCALE: 1/12" = 1'-0"



2 TYPICAL SHRUB PLANTING ON GRADE
SCALE: 3\"/>



4 LAWN SECTION
SCALE: 1\"/>



TRIANGULAR SPACING = B	DISTANCE BETWEEN ROWS = H	TOTAL AREA (SF) PER PLANT
4"	3 1/2"	0.21
6"	5"	0.39
8"	7"	0.50
9"	8 1/2"	0.59
12" (1')	10 1/2"	0.88
15"	13"	1.35
18"	15 1/2"	1.94
21"	18"	2.63
24" (2')	21"	3.50
30"	26"	5.42
36" (3')	30"	5.42

1 TYPICAL TRIANGULAR SPACING
SCALE: NTS

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

PLANTING DETAILS

Scale
AS SECTION

L8.7.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

L&P PARTNERS
Tel 415.845.7500

Gensler

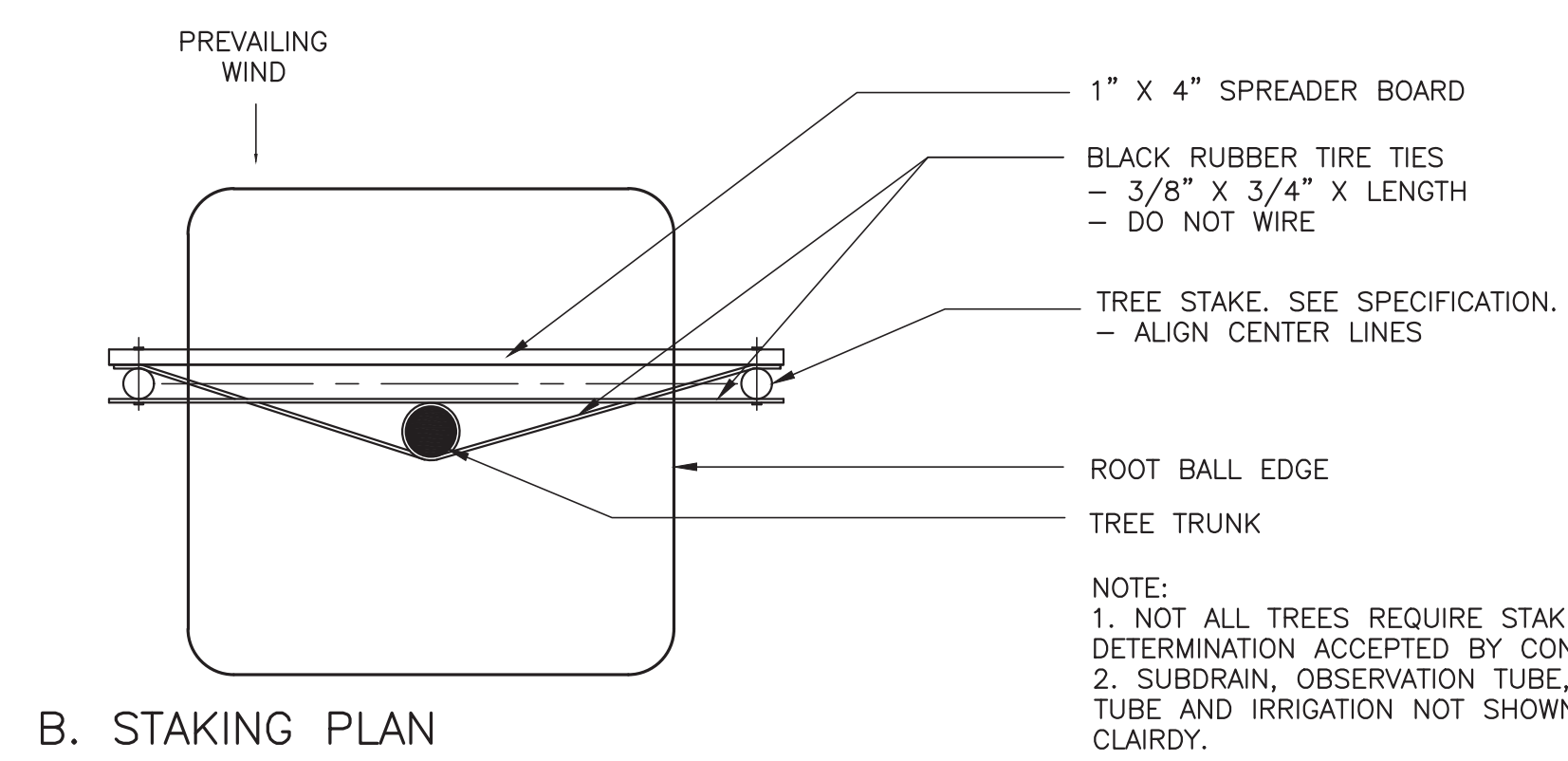
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

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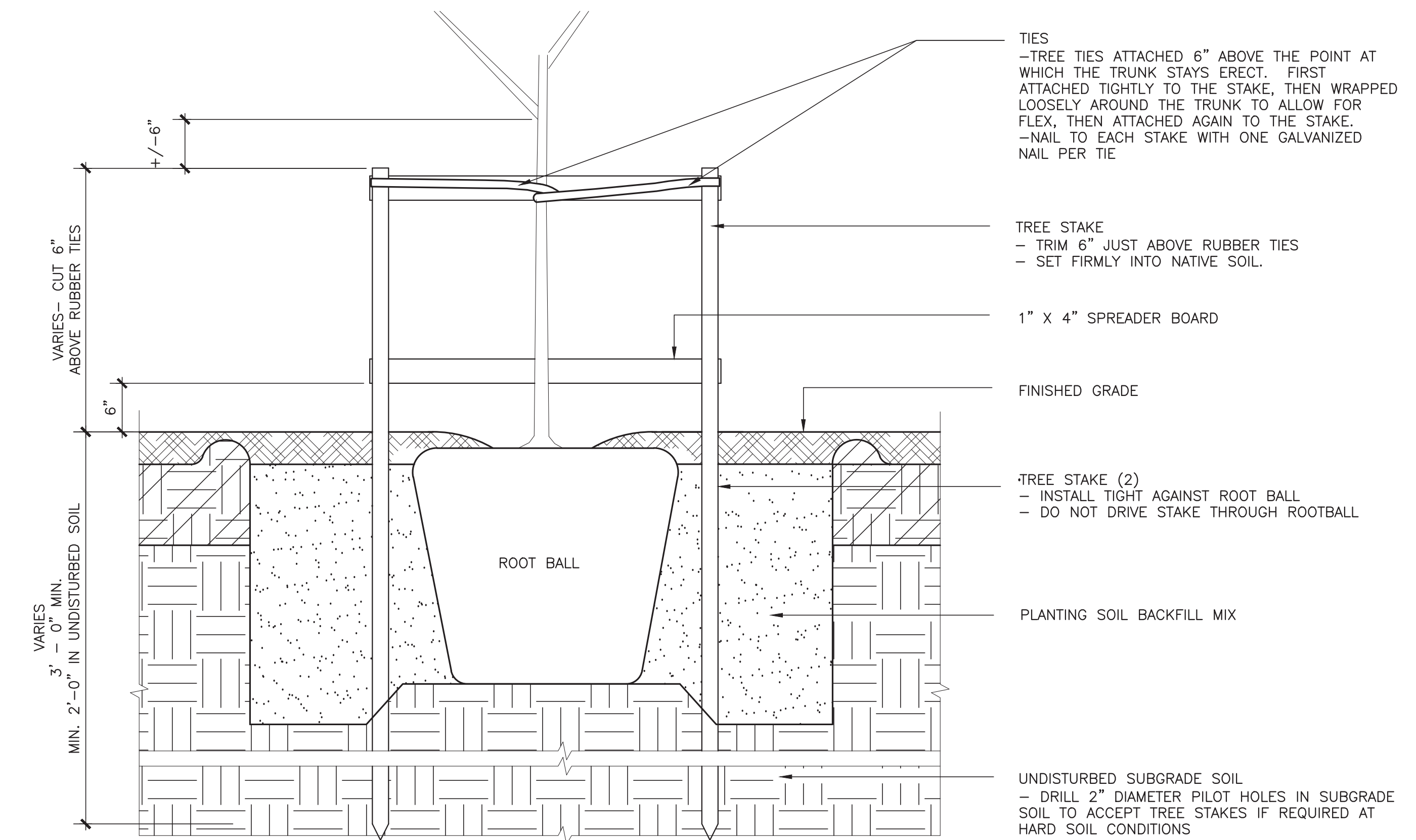
TLS Landscape Architecture

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1015 Camella Street
Berkeley, CA 95710

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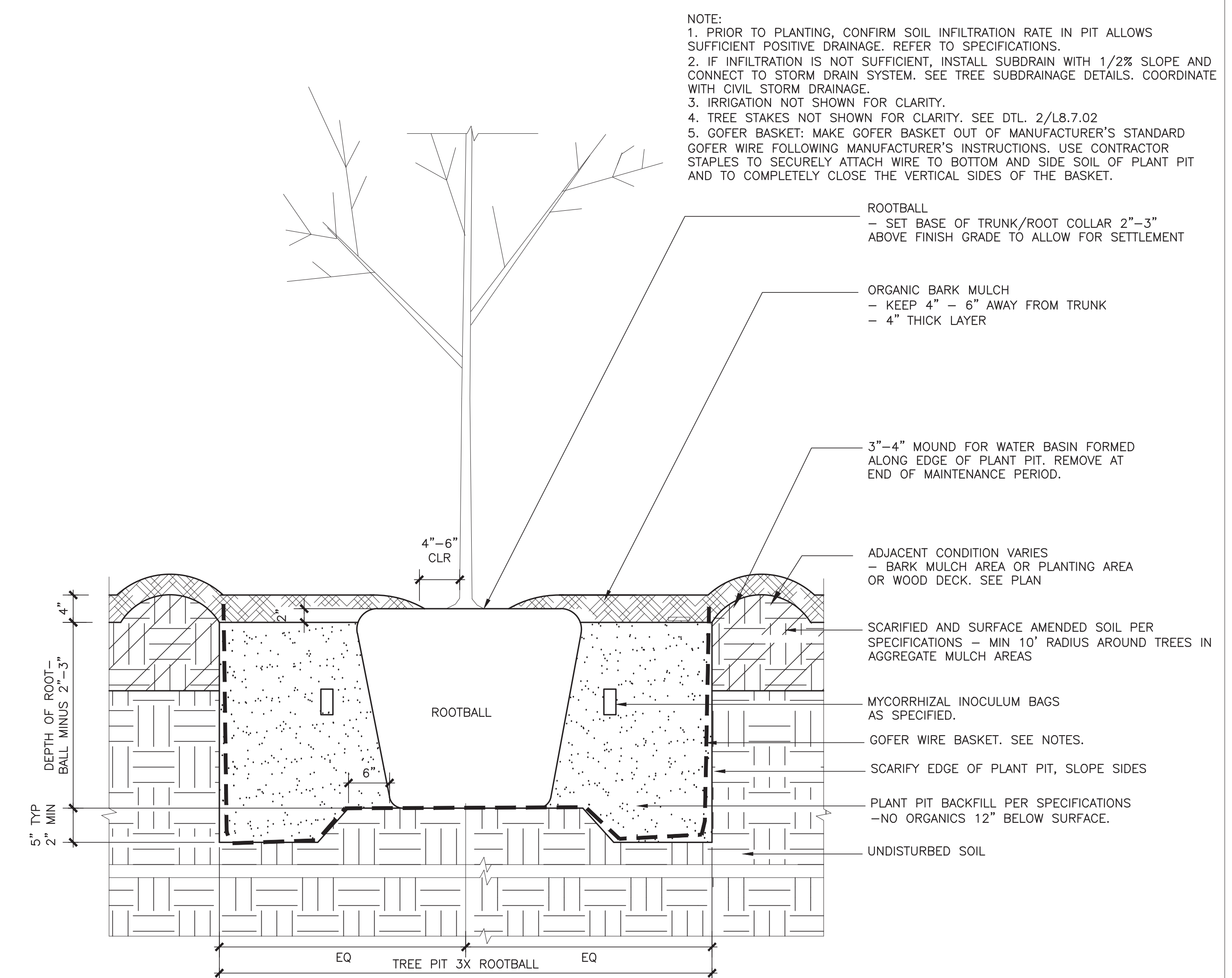


B. STAKING PLAN



A. STAKING SECTION

2 TYPICAL TREE STAKING
SCALE: 1" = 1'-0"



1 TYPICAL TREE PLANTING ON GRADE
SCALE: 1" = 1'-0"

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

PLANTING DETAILS
Scale
AS SECTION

L8.7.02

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

LR2 PARTNERS
Tel 415.845.7500

Gensler

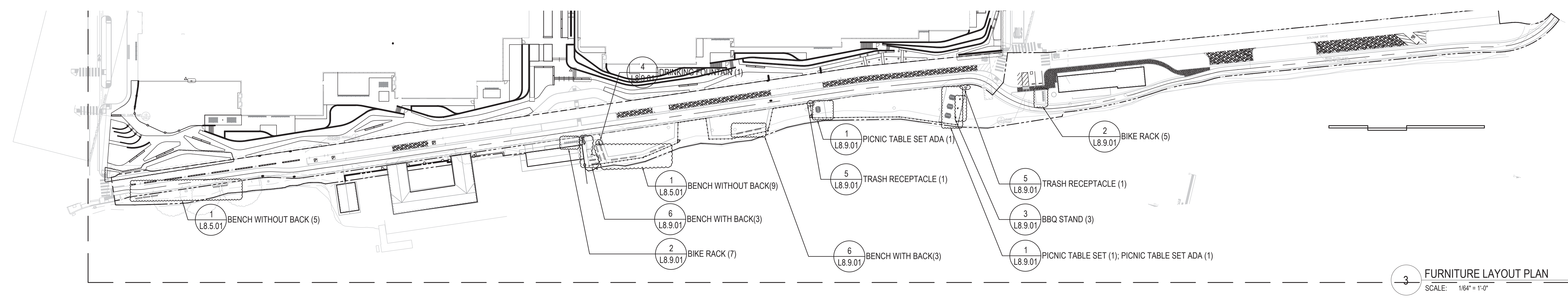
2101 Webster Street
Suite 2000
Oakland, CA 94612
United States

Tel 510.625.7400
Fax 510.625.7499

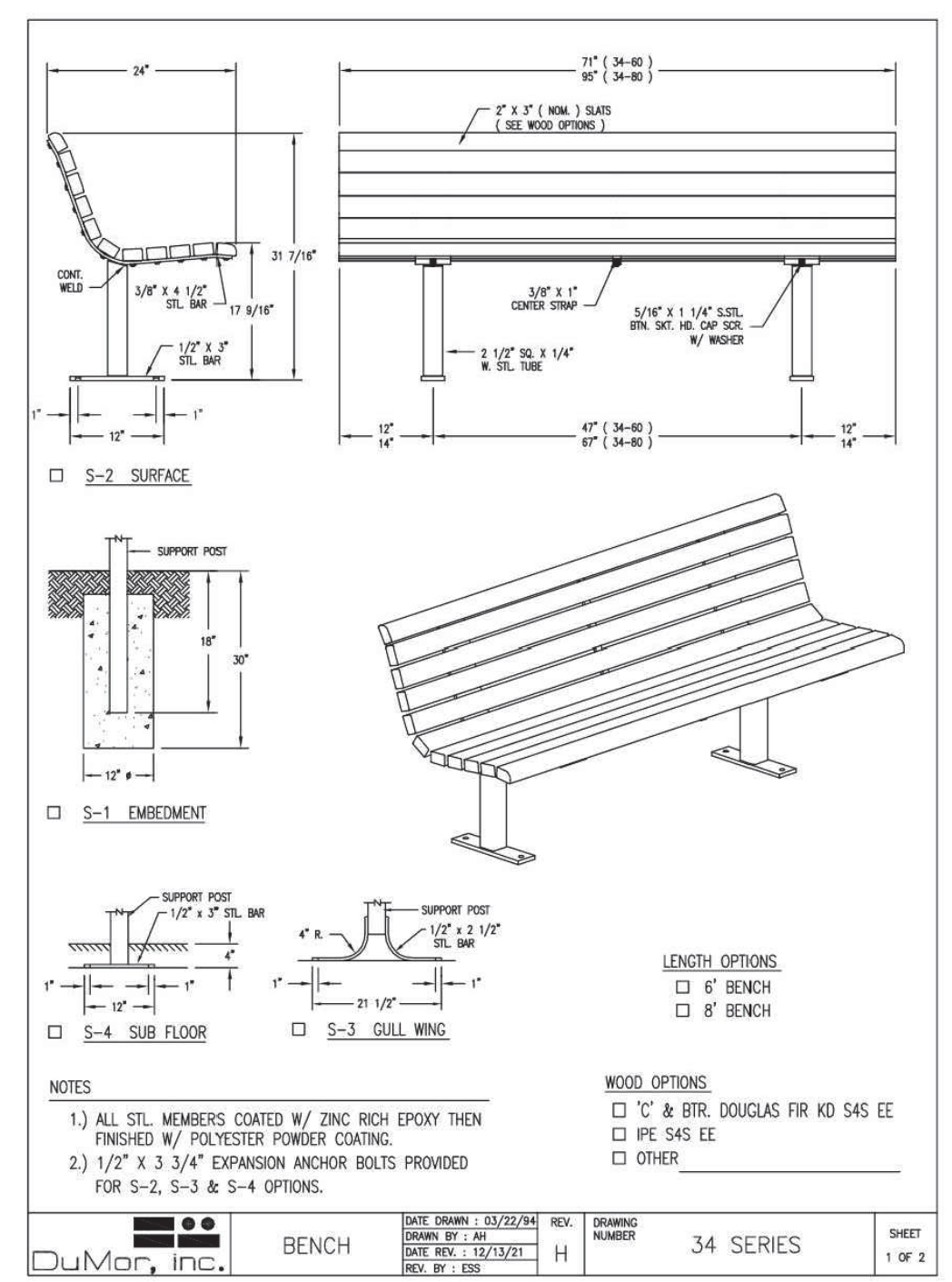
TLS Landscape Architecture

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1015 Camella Street
Berkeley, CA 95710

Tel 510.524.3263
Fax 510.524.3863

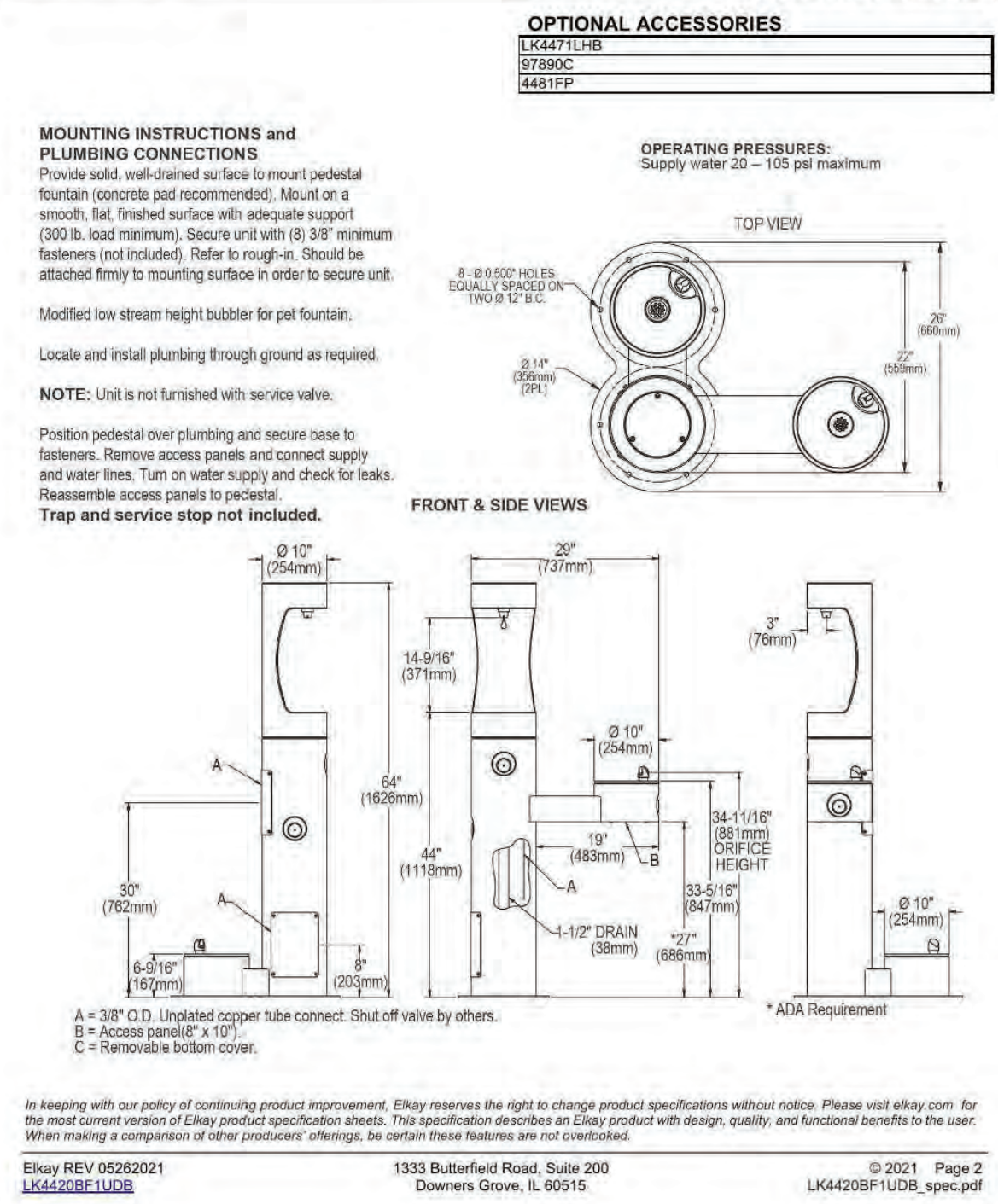


3 FURNITURE LAYOUT PLAN
SCALE: 1/8" = 1'-0"



6 BENCH WITH BACK
SCALE: NTS

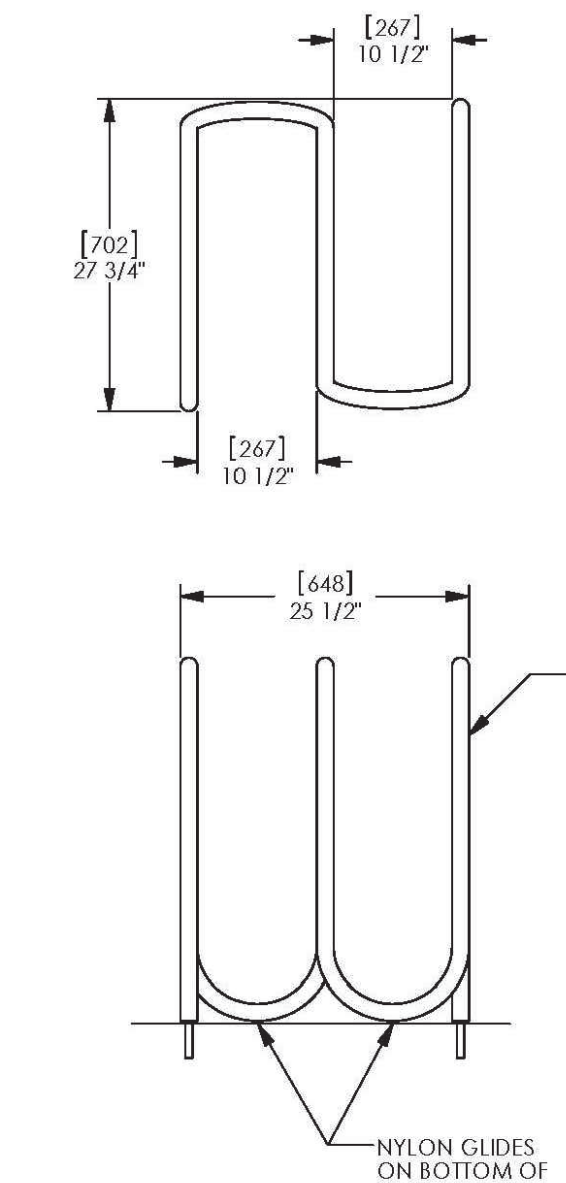
ELKAY SPECIFICATIONS



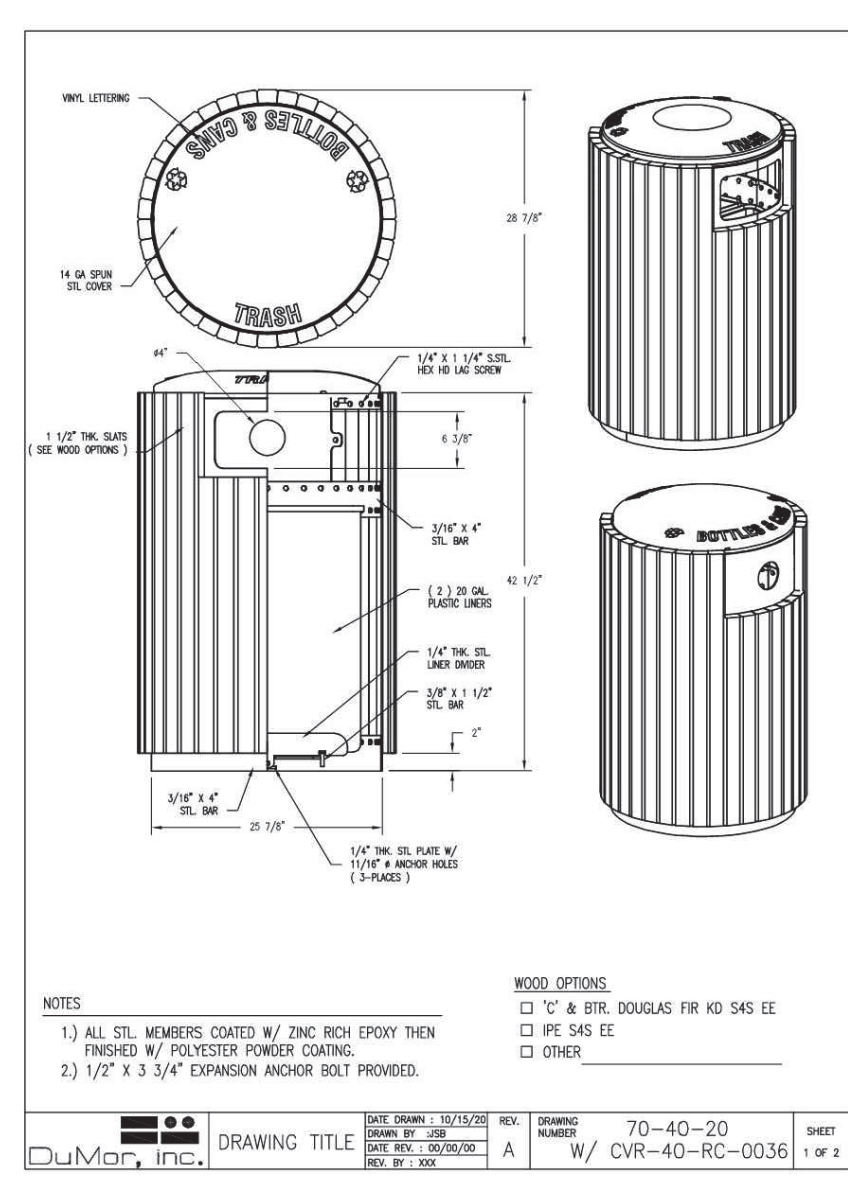
4 DRINKING FOUNTAIN
SCALE: NTS

Flo Bike Rack

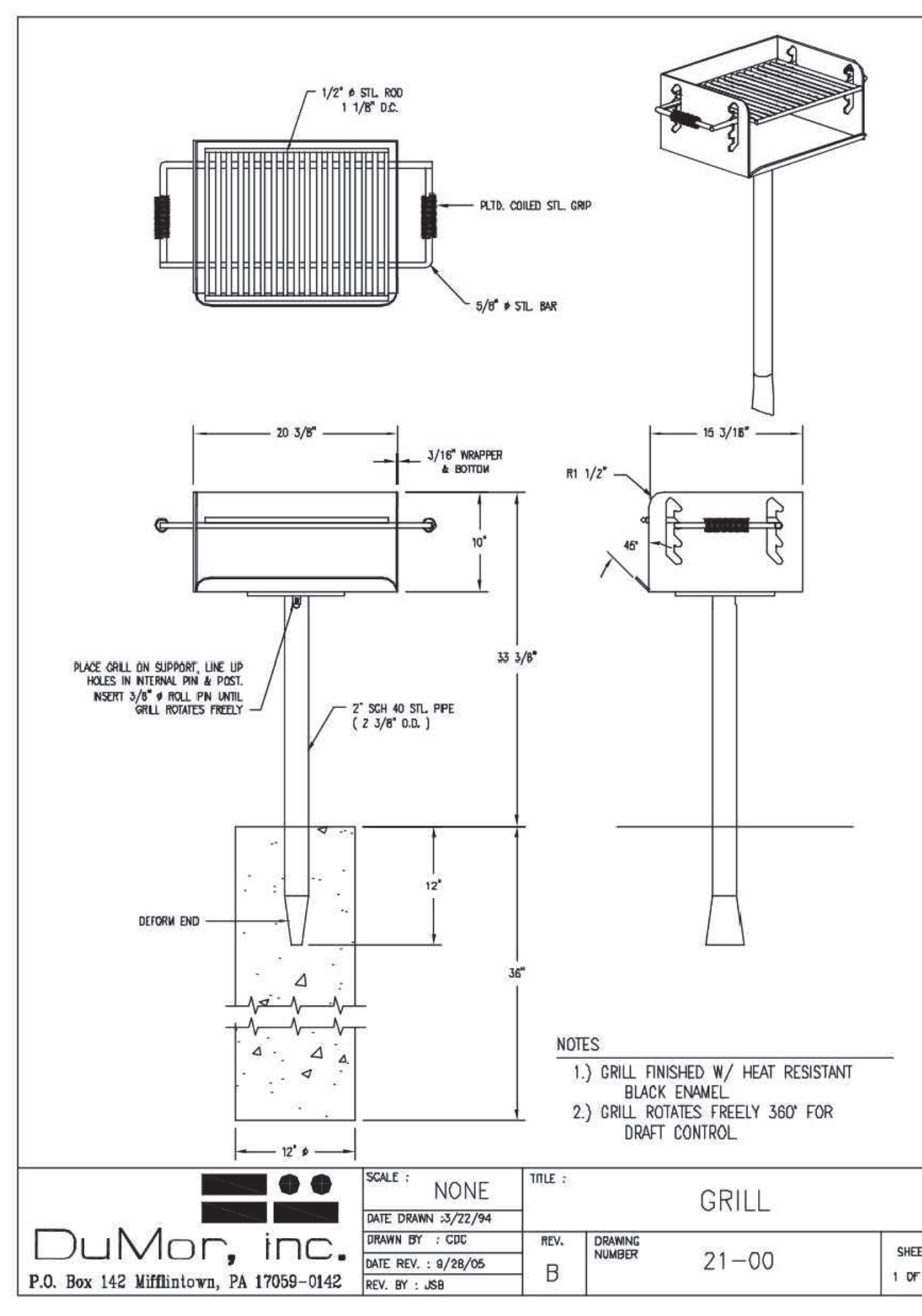
Product Drawing



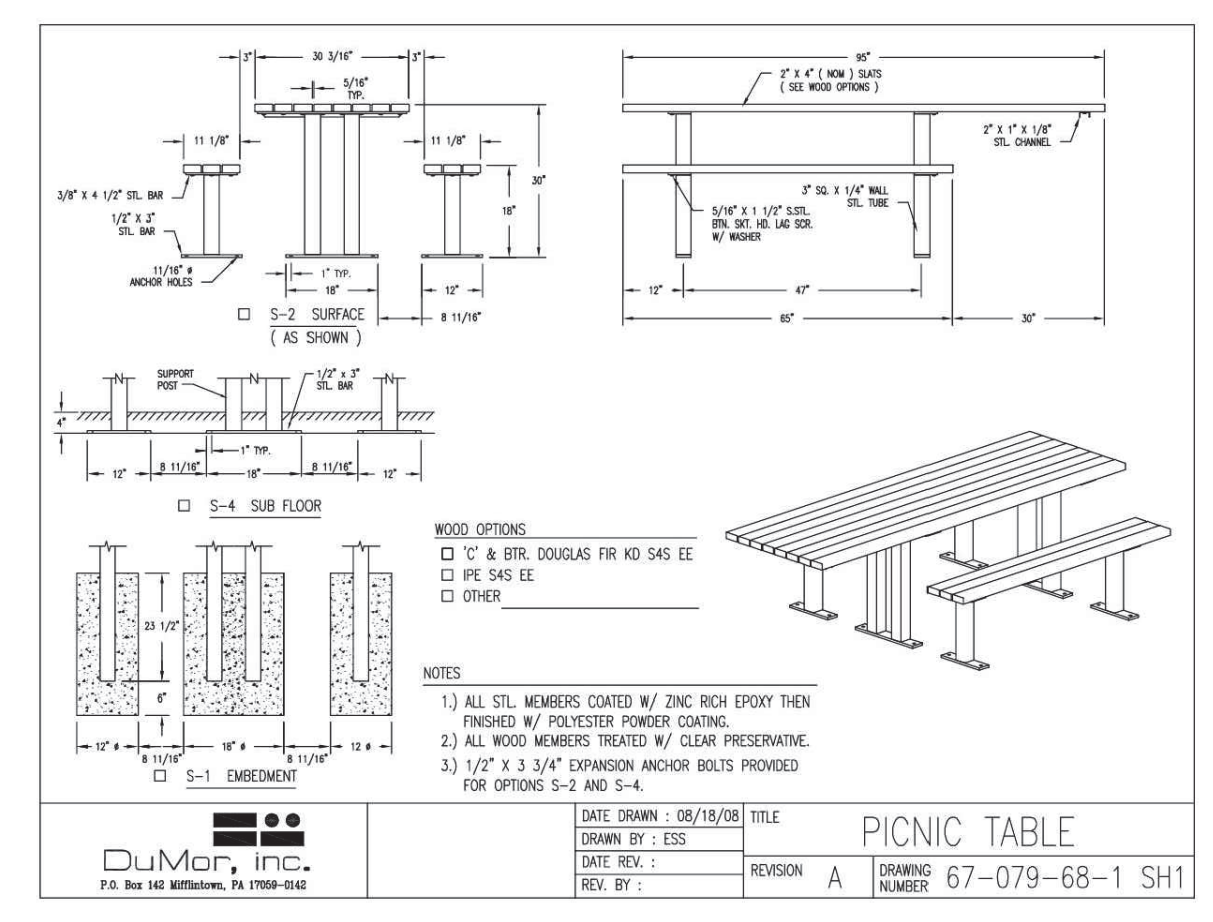
2 BIKE RACK
SCALE: NTS



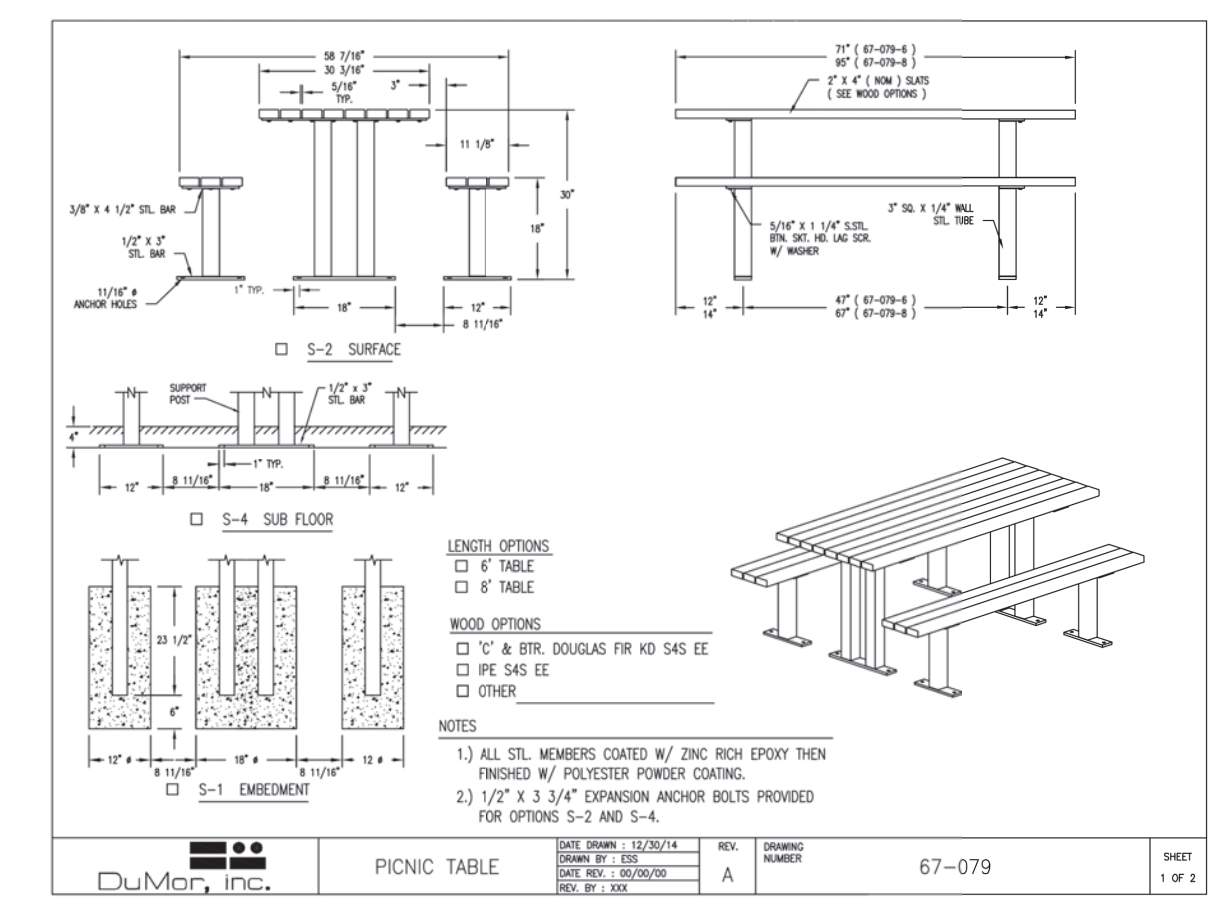
5 TRASH RECEPTACLE
SCALE: NTS



3 BBQ GRILL
SCALE: NTS



1 PICNIC TABLE SET - ADA
SCALE: NTS



1 PICNIC TABLE SET
SCALE: NTS

Date	Description
05.06.2022	30% SUBMISSION
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05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements
Project Number
33.4462.000
Description

SITE FURNISHING DETAILS

Scale
AS SHOWN

L8.9.01

AQUATIC PARK | BOLIVAR DRIVE IMPROVEMENTS

600 ADDISON ST, BERKELEY, CA 94710

LANE PARTNERS, LLC
644 Menlo Avenue, 2nd Floor
Menlo Park, CA 94025
Tel 650.838.0100

LR2 PARTNERS
Tel 415.845.7500

Gensler

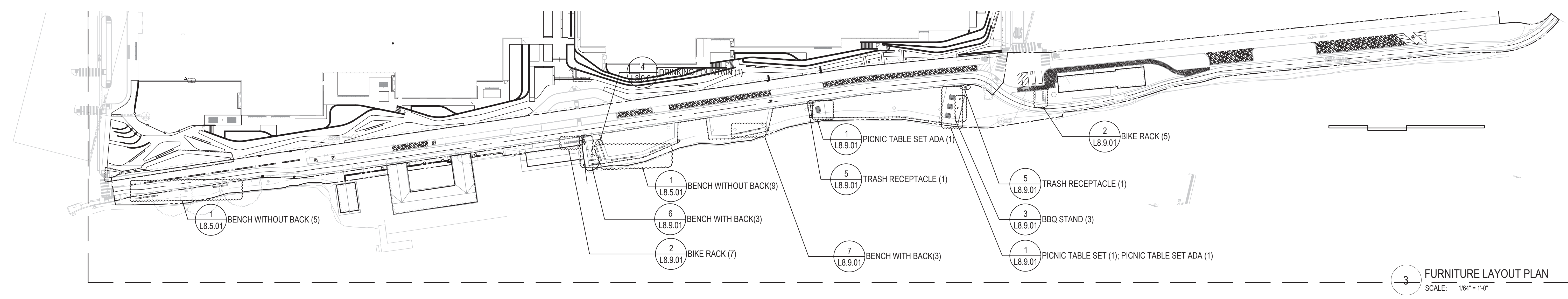
2101 Webster Street
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Oakland, CA 94612
United States

Tel 510.625.7400
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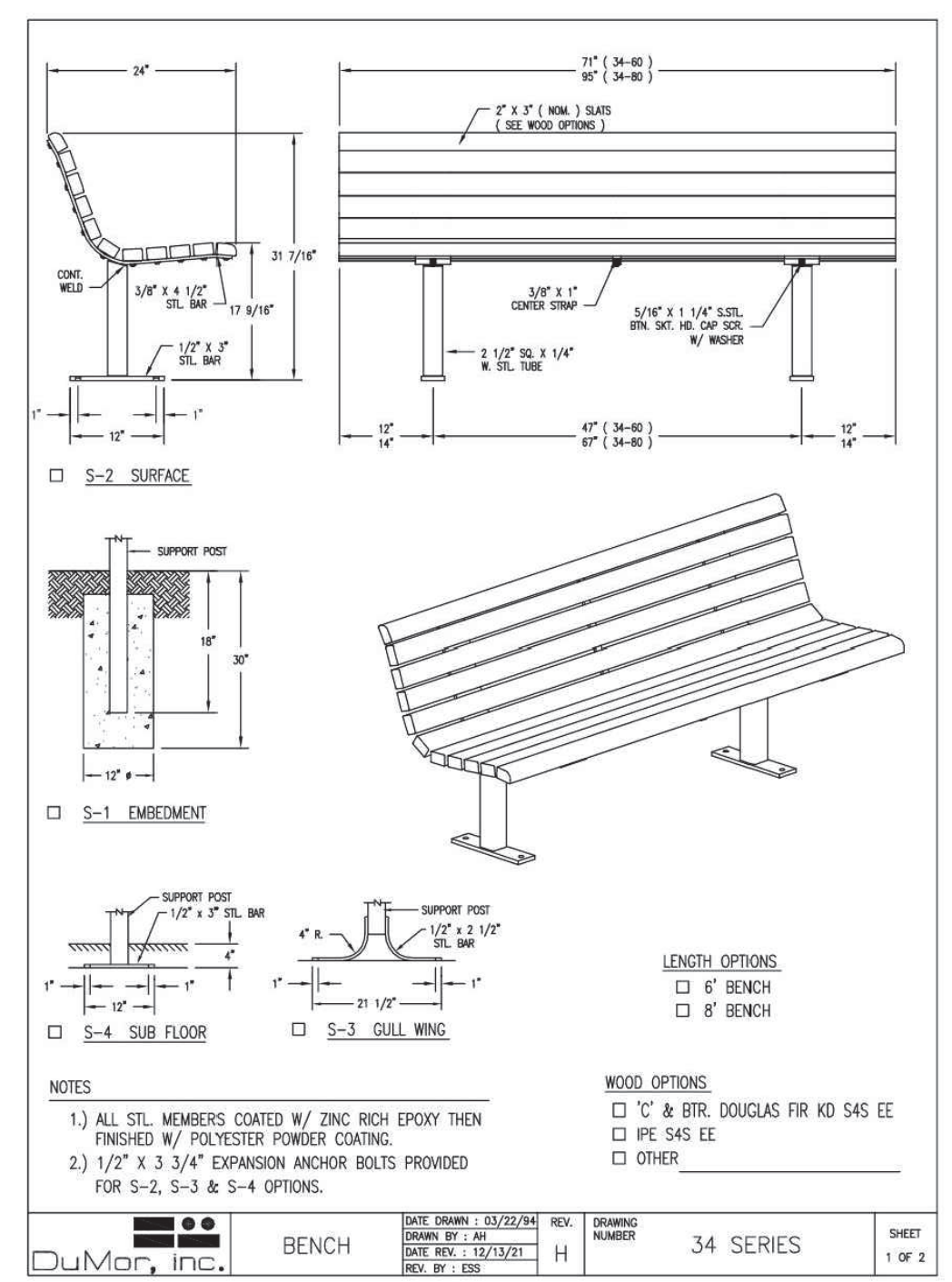
TLS Landscape Architecture

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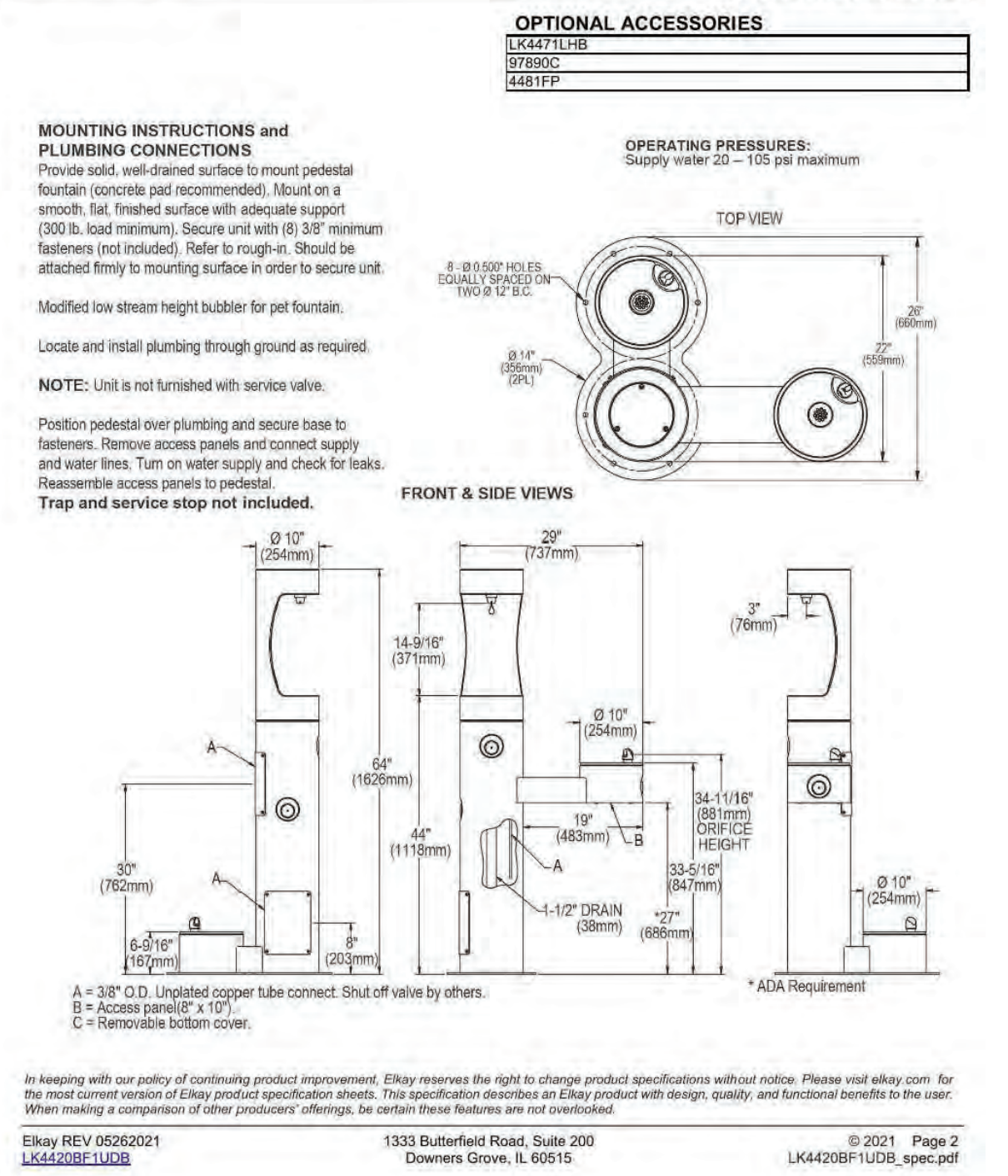


3 FURNITURE LAYOUT PLAN
SCALE: 1/8" = 1'-0"



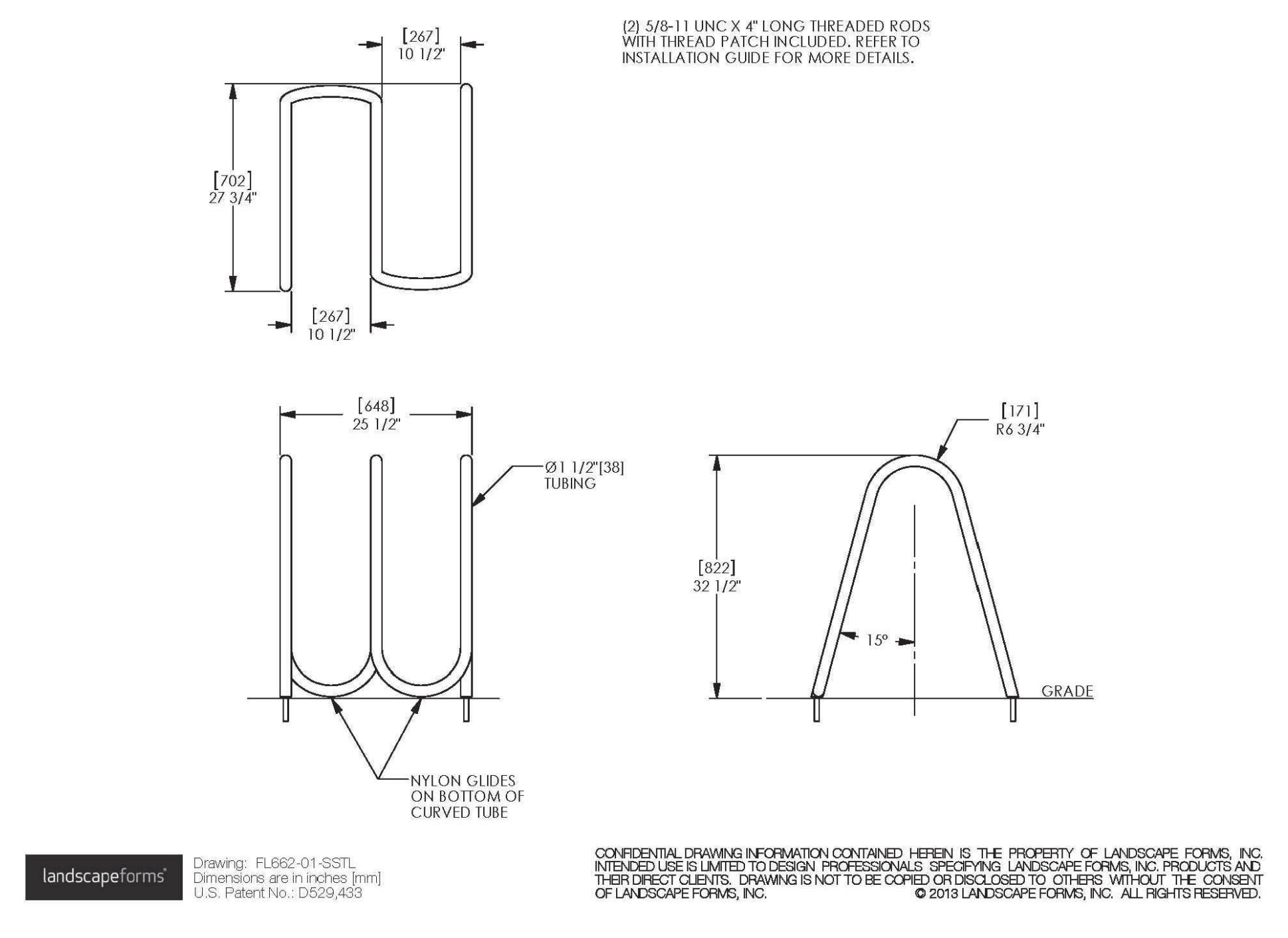
6 BENCH WITH BACK
SCALE: NTS

ELKAY SPECIFICATIONS

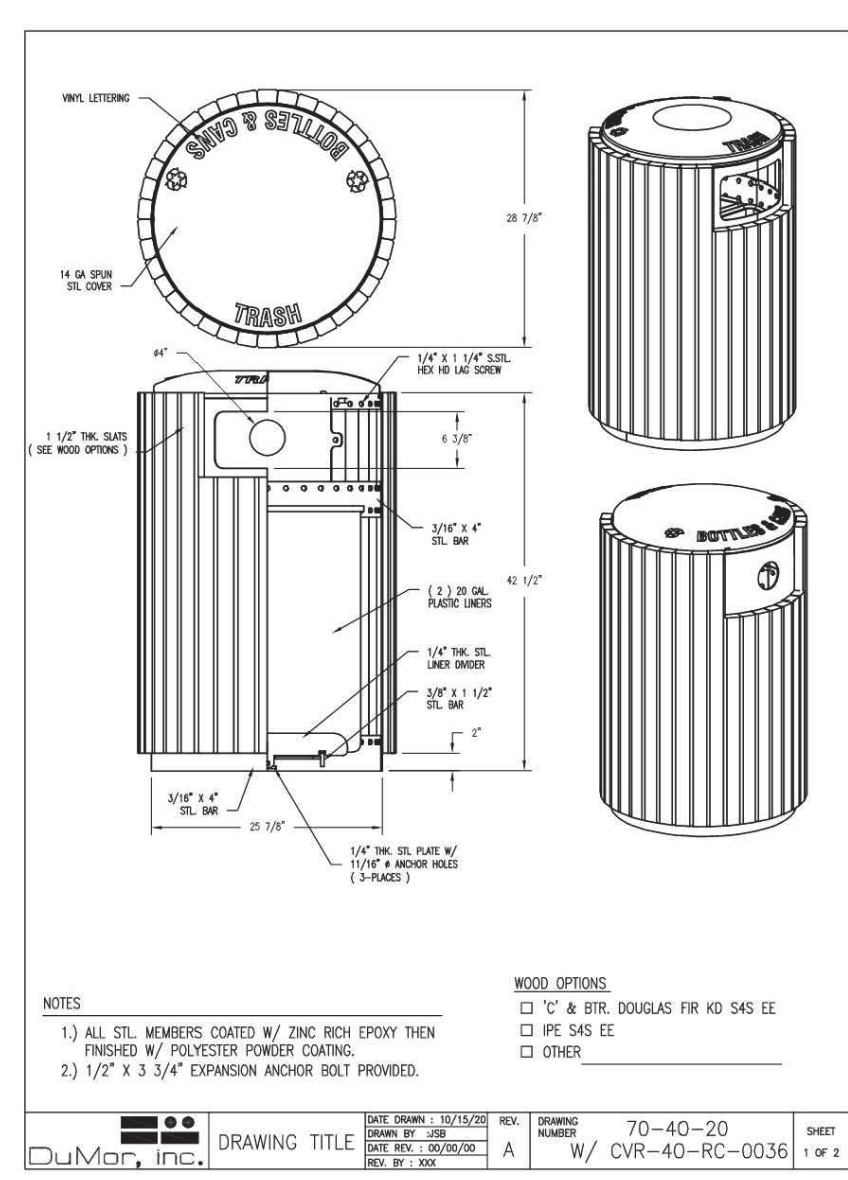


4 DRINKING FOUNTAIN
SCALE: NTS

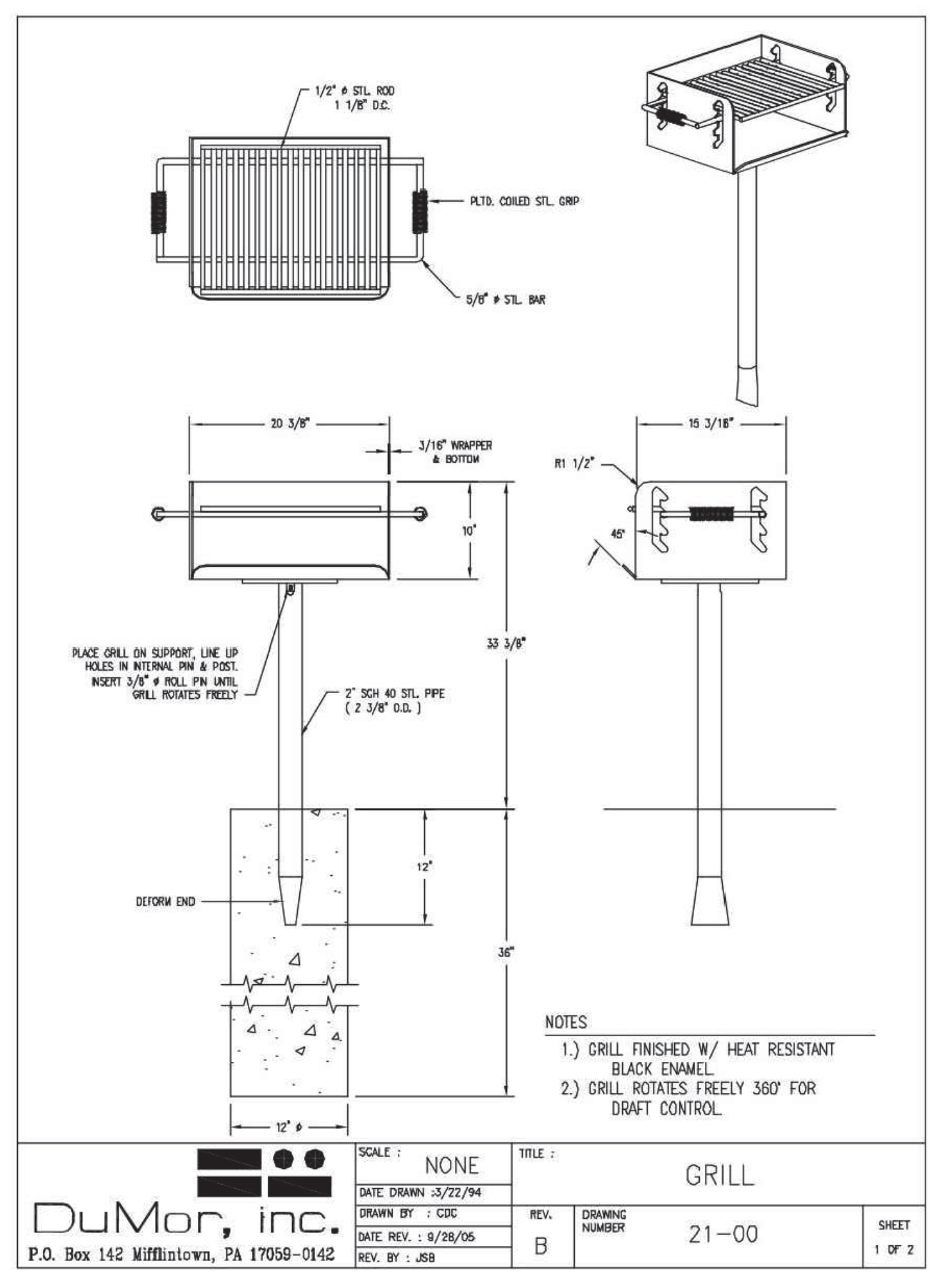
Flo Bike Rack



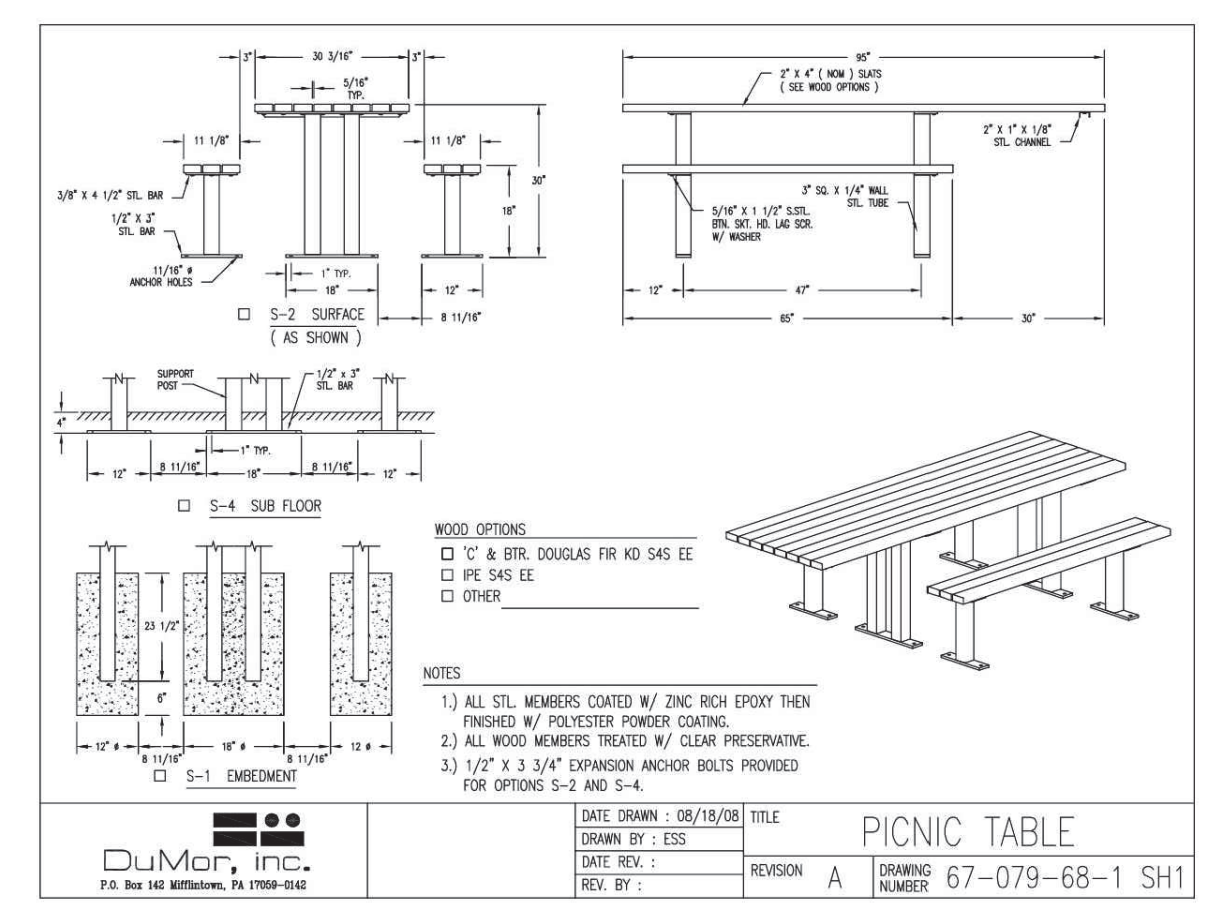
2 BIKE RACK
SCALE: NTS



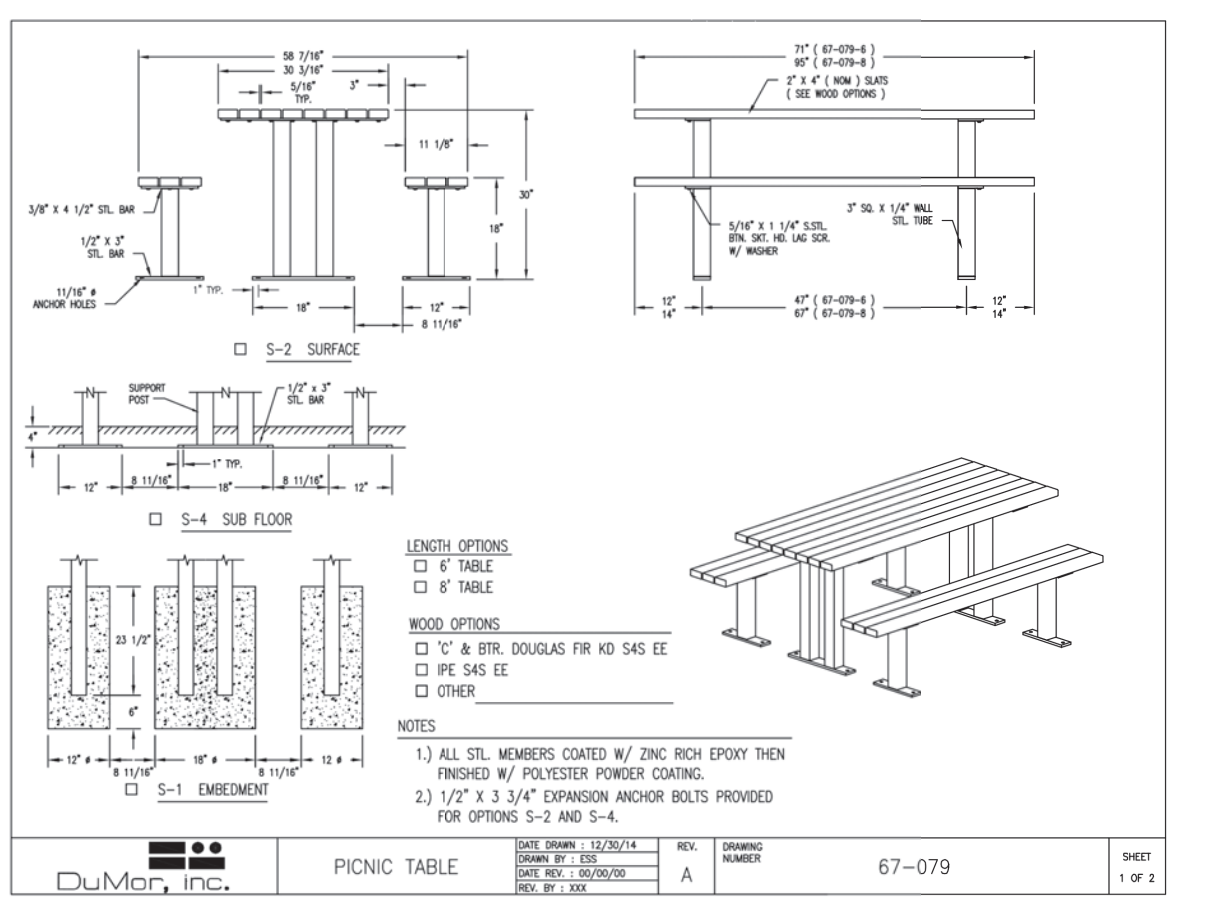
5 TRASH RECEPTACLE
SCALE: NTS



3 BBQ GRILL
SCALE: NTS



1 PICNIC TABLE SET - ADA
SCALE: NTS



1 PICNIC TABLE SET
SCALE: NTS

Date	Description
05.06.2022	30% SUBMISSION
10.21.2022	60% SUBMISSION
02.13.2023	90% DRAFT SET
03.14.2023	90% SUBMISSION
05.01.2023	100% SUBMISSION

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
Aquatic Park | Bolivar Drive Improvements

Project Number
33.4462.000

Description

SITE FURNISHING DETAILS

Scale
AS SHOWN

L8.9.01