CITY OF BERKELEY

ALAMEDA COUNTY, CALIFORNIA

SANTA FE TRACKBED TO PARK CONVERSION PROJECT
NEW COMMUNITY GARDENS, DOG PARK, AND PLAYGROUND

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

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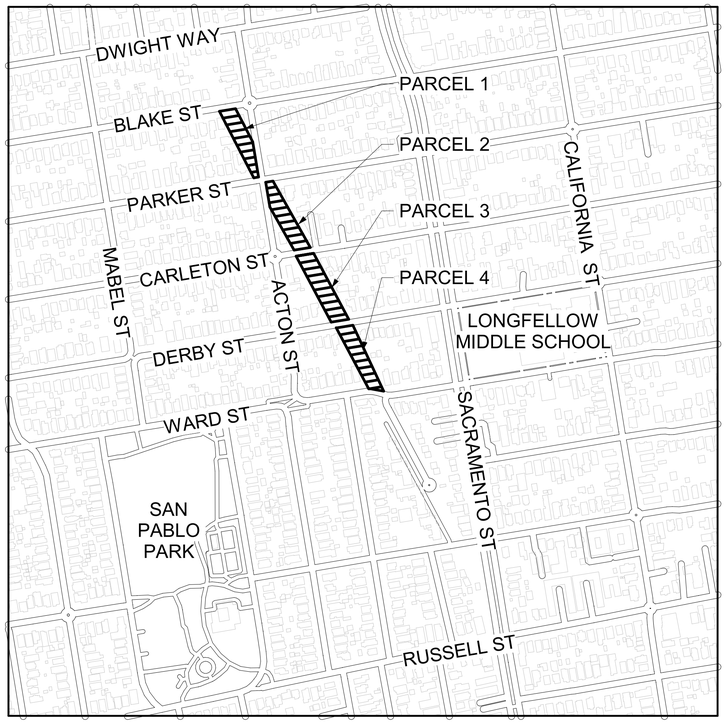
LOCATION MAP



NOT TO SCALE

PROJECT INFORMATION

PROJECT IS LOCATED AT THE FOLLOWING PARCELS:
PARCEL 1 (BLAKE STREET TO PARKER STREET), APN 54-1790-28
PARCEL 2 (PARKER STREET TO CARLETON STREET), APN 54-1794-28
PARCEL 3 (CARLETON STREET TO DERBY STREET), APN 54-1793-27
PARCEL 4 (DERBY STREET TO WARD STREET), APN 54-1735-20

THIS PROJECT ENTAILS THE CONVERSION OF A FORMER RAILROAD RIGHT-OF-WAY INTO A PUBLIC PARK SPANNING FOUR INDIVIDUAL PARCELS. THE PROGRAMATIC ELEMENTS OF THE PARK INCLUDE A COMMUNITY GARDEN, DOG PARK DIVIDED IN TWO SEPERATE AREAS FOR ACTIVE PLAY AND RELAXED PLAY, KID'S SCOOTER AND CYCLE TRACK, PLAYGROUND, TEACHING GARDEN, OUTDOOR CLASSROOM, AND PICNIC AREA. RAILROAD TRACKS AND RELATED INFRASTRUCTURE HAVE BEEN REMOVED FROM THE SITE. CLEANUP OF SOIL CONTAMINATION LEFT BEHIND BY THE SITE'S HISTORIC RAILROAD USE WILL BE COMPLETED PRIOR TO THE START OF THIS SCOPE OF WORK THROUGH A SEPARATE CONTRACT AND THE SITE WILL BE CLEAR OF CONTAMINATION AT THE START OF THIS PROJECT. THE CITY IS PURSUING SEVERAL LOT LINE ADJUSTMENTS WHICH WILL BE COMPLETED PRIOR TO THE START OF THIS PROJECT.

WORK SHOWN IN THE PUBLIC RIGHT-OF-WAY WILL BE UNDER A SEPARATE PUBLIC WORKS PERMIT(S)

COMMUNITY GARDEN SHED(S) IS NOT IN THE SCOPE OF THIS PERMIT.

ADD ALTERNATES LISTED BELOW ARE WITHIN THE PERMIT SCOPE WITH THE EXCEPTION OF #5, WHICH IS A DEFERRED SUBMITTAL.
ADD ALTERNATE NO 1: PARCEL 1 - COMMUNITY GARDEN SHED, BULK STORAGE, AND GARDEN WORK BENCH
ADD ALTERNATE NO 2: PARCEL 1 - IN GROUND BEDS, PICNIC TABLES, AND COLD FRAMES
ADD ALTERNATE NO 3: PARCEL 2 – FREESTANDING LOGS
ADD ALTERNATE NO 4: PARCEL 4 – ACCESSIBLE COLD FRAME, BULK MATERIAL STORAGE, GARDEN TRELLIS, AND LOG TABLE WITH STUMP SEATS
ADD ALTERNATE NO 5 (DEFERRED SUBMITTAL): PARCELS 2 THRU 4 – CONDUIT AND FEEDERS FOR PARK LIGHTS

PRIME CONSULTANT

LANDSCAPE ARCHITECT:
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CATHY GARRETT
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549 EXT.1089
EMAIL: CGARRETT@MIGCOM.COM

PROJECT TEAM

CIVIL ENGINEER:
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2548 MISSION ST
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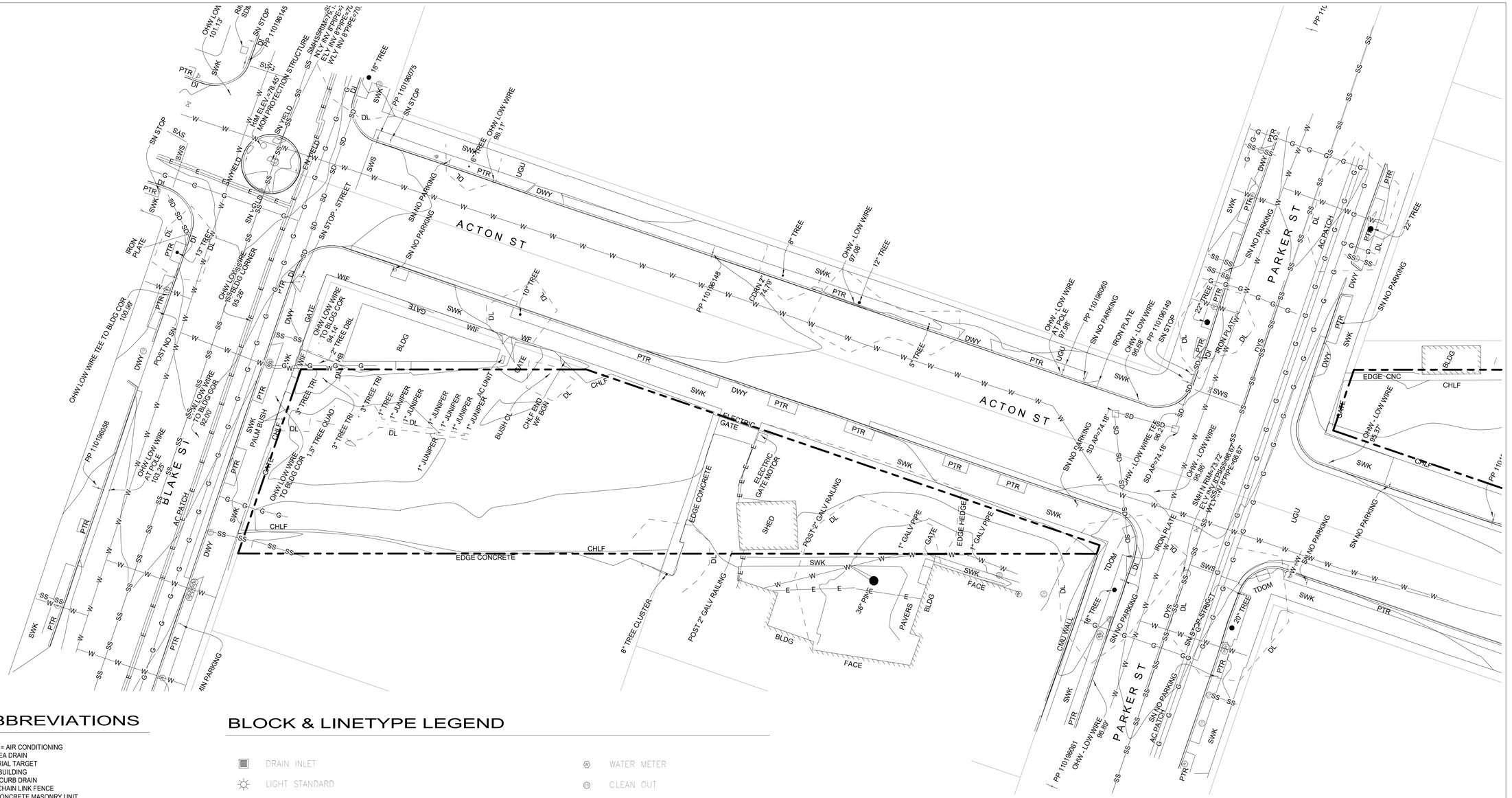
SAN FRANCISCO, CA 94556
TEL: (510) 868-0701
EMAIL: JEFF.ANSLEY@PEARCE-SERVICES.COM

PROJECT CONTACT

STACEY RUTHERFORD, P.E.
CITY OF BERKELEY
DEPARTMENT OF PARKS, RECREATION, AND WATERFRONT
1947 CENTER ST, 5TH FLOOR
BERKELEY, CA 94704
TEL: (510) 981-6738
EMAIL: SRUTHERFORD@BERKELEYCA.GOV

BID SET



ABBREVIATIONS

AC UNIT = AIR CONDITIONING
AD = AREA DRAIN
AT = AERIAL TARGET
BLDG = BUILDING
CDRN = CURB DRAIN
CHLF = CHAIN LINK FENCE
CMU = CONCRETE MASONRY UNIT
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BLOCK & LINETYPE LEGEND

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GENERAL SYMBOLS & ABBREVIATIONS

- PROPERTY LINE
- PENDING LOT LINE ADJUSTMENT

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0 8 16 24 40ft

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT KUSTIN
No. 6065
Renewal Date
DEC 31, 2026
Renewal Date
FEB 19 2025
Date
STATE OF CALIFORNIA
STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

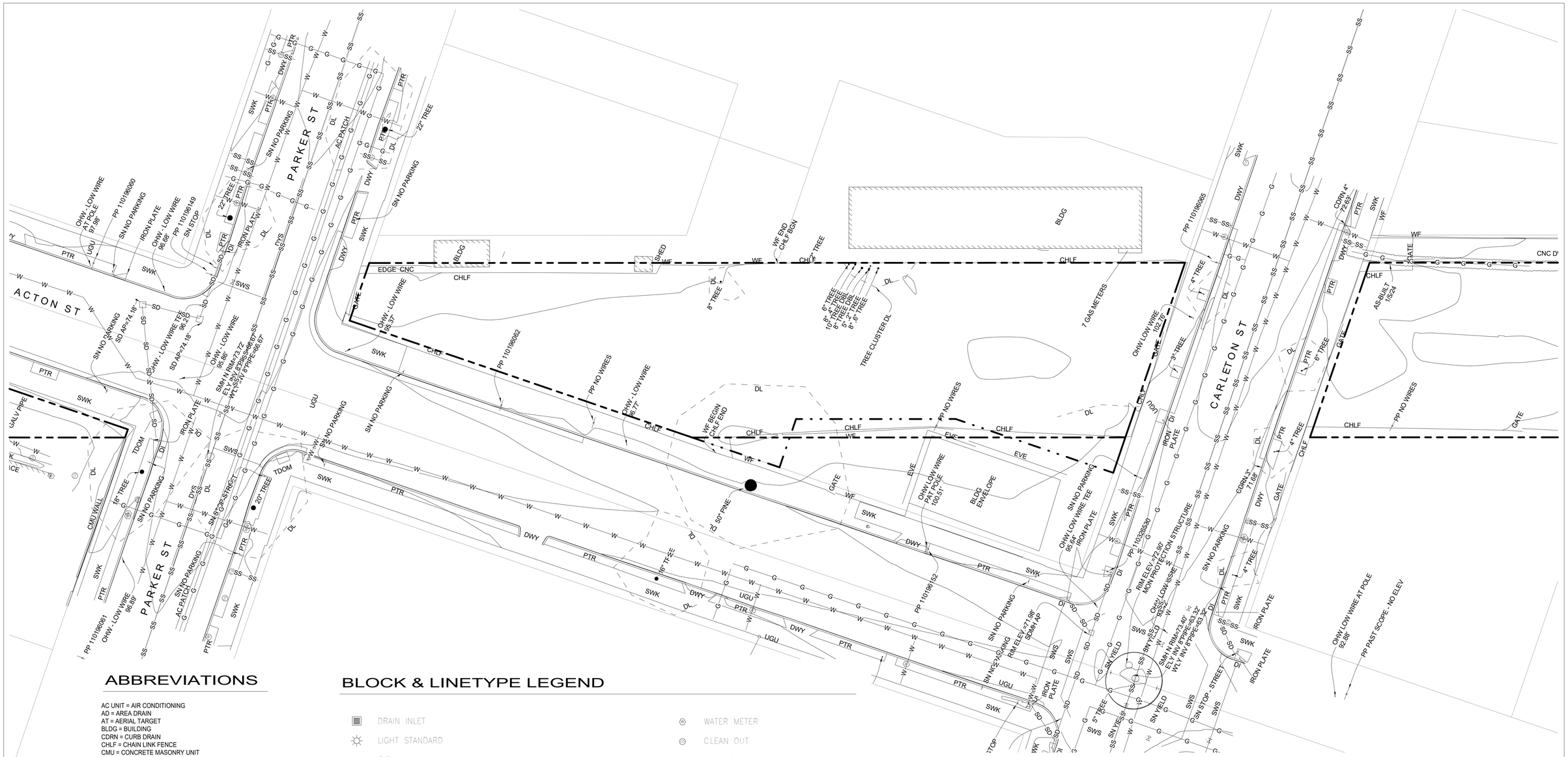
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

SURVEY - BLAKE TO PARKER
SHEET TITLE:

G1.01
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT WREN — No. 6065 — DEC. 31, 2026 — Renewal Date — FEB. 19, 2026 — Date — STATE OF CALIFORNIA

PROJECT: Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing

PROJECT NUMBER: PRWPK2102

CLIENT: City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

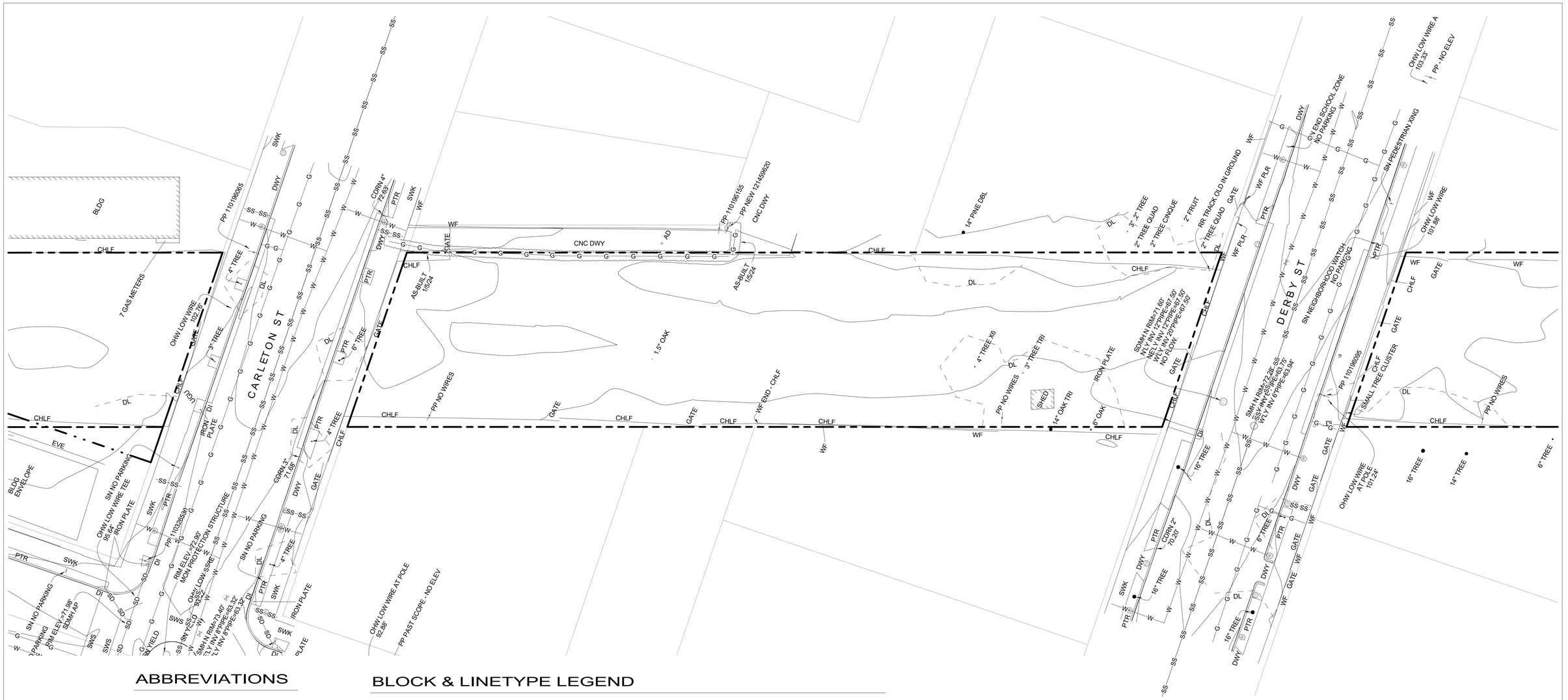
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: 4/1/26
DATE:

SHEET TITLE: SURVEY - PARKER TO CARLETON

SHEET NUMBER: G1.02

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — No. 6741 — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA
STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing
PROJECT:

PRWPK2102
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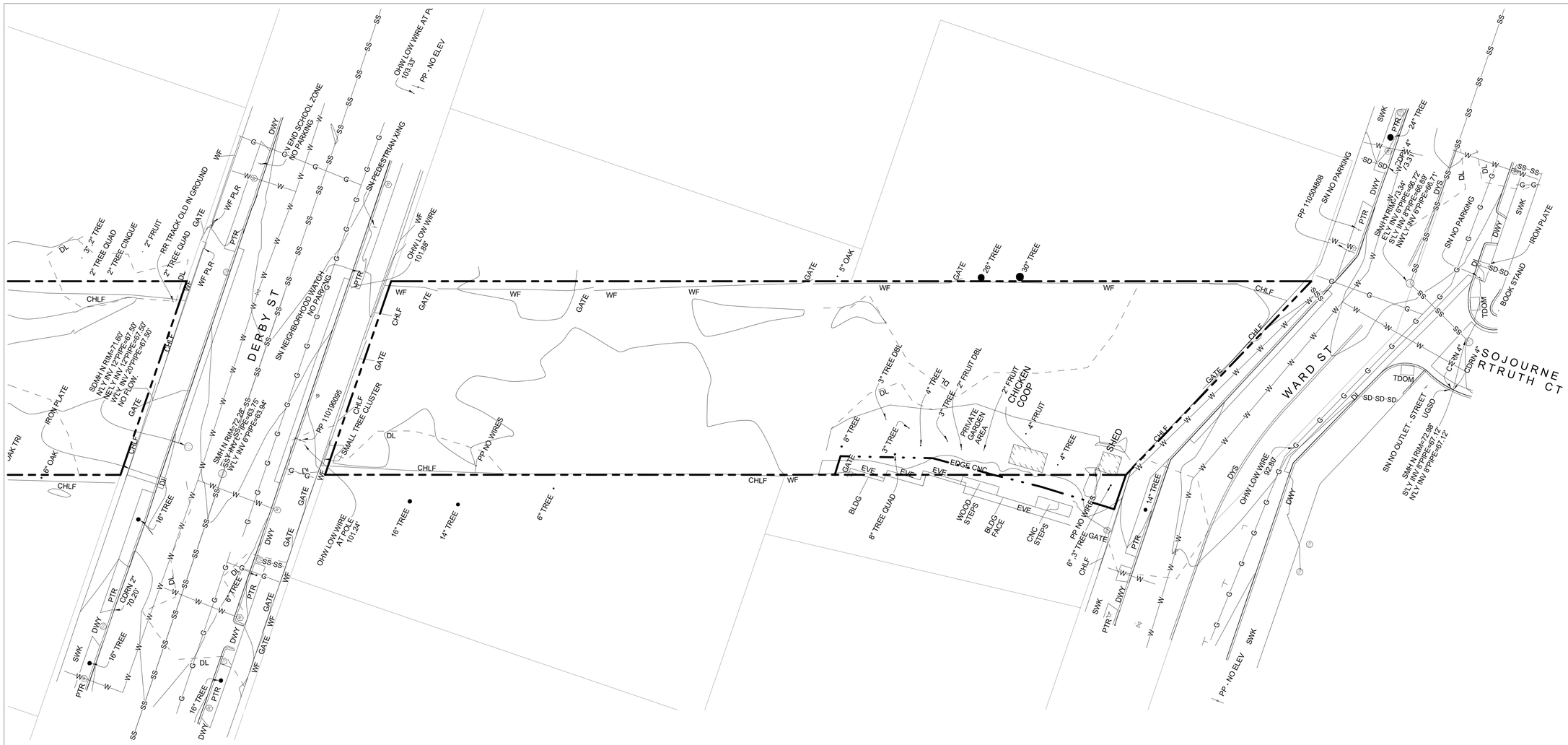
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

SURVEY - CARLETON TO DERBY
SHEET TITLE:

G1.03
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

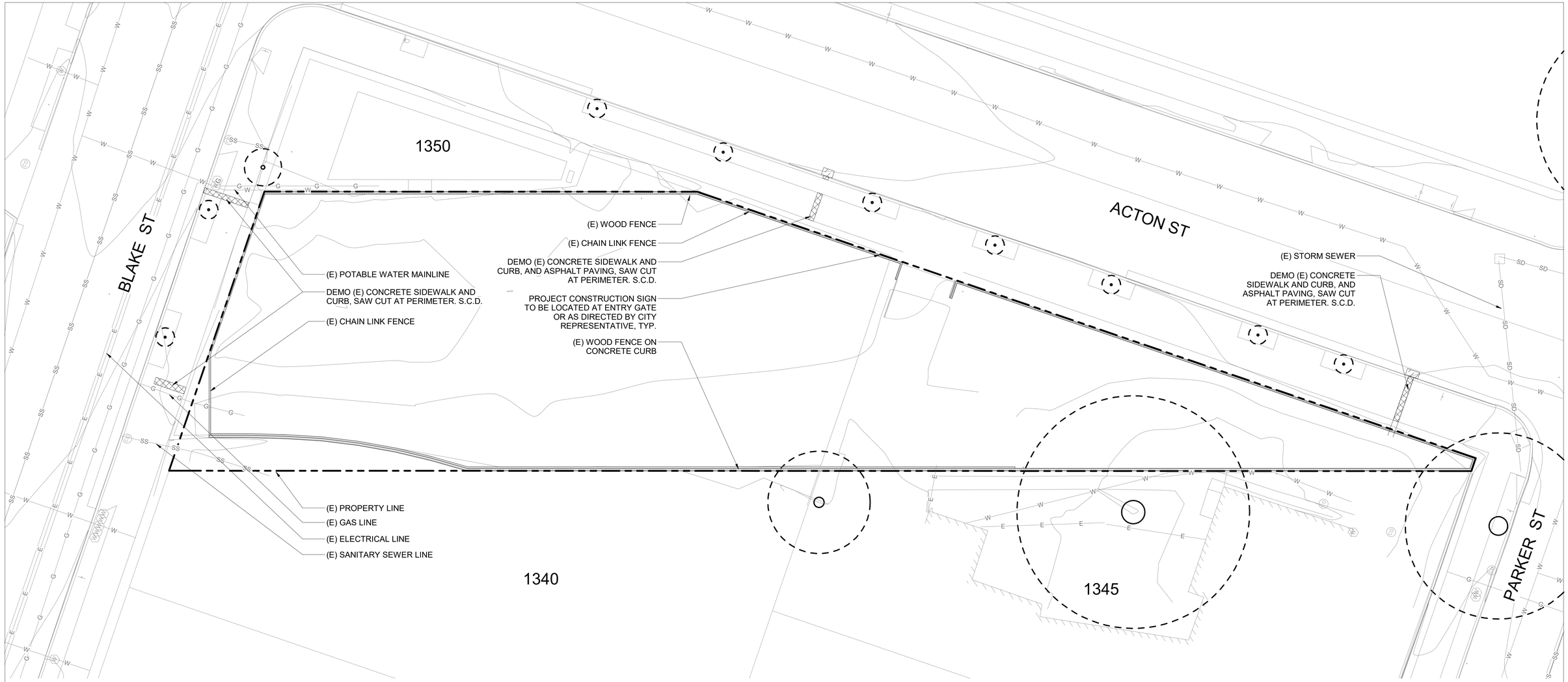
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

SURVEY - DERBY TO WARD
SHEET TITLE:

G1.04
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



DEMOLITION LEGEND

- PROPERTY LINE
- PENDING LOT LINE ADJUSTMENT
- DEMO EXISTING CONCRETE PAVING
- DEMO EXISTING ASPHALT PAVING

NOTES:

1. DEMOLITION WORK IS LIMITED TO THE RIGHT-OF-WAY. PRIOR TO THIS PROJECT, A SEPARATE CONTRACT WILL CLEAR THE SITE, REMOVE CONTAMINATED SOIL AND REPLACE IT WITH CLEAN SOIL, AND INSTALL 6-FT MAX PERIMETER FENCING. EXISTING GRADES WILL BE LOWERED APPROXIMATELY 4-INCHES SHOWN HEREIN. THE SITE WILL BE ENTIRELY CLEARED OF ANY TREES, HARDSCAPE, AND STRUCTURES.
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MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT WREN — DEC. 31, 2026 Renewal Date — FEB. 16, 2026 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
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SPEC NO. 26-11757-C
PLAN NO. 8288
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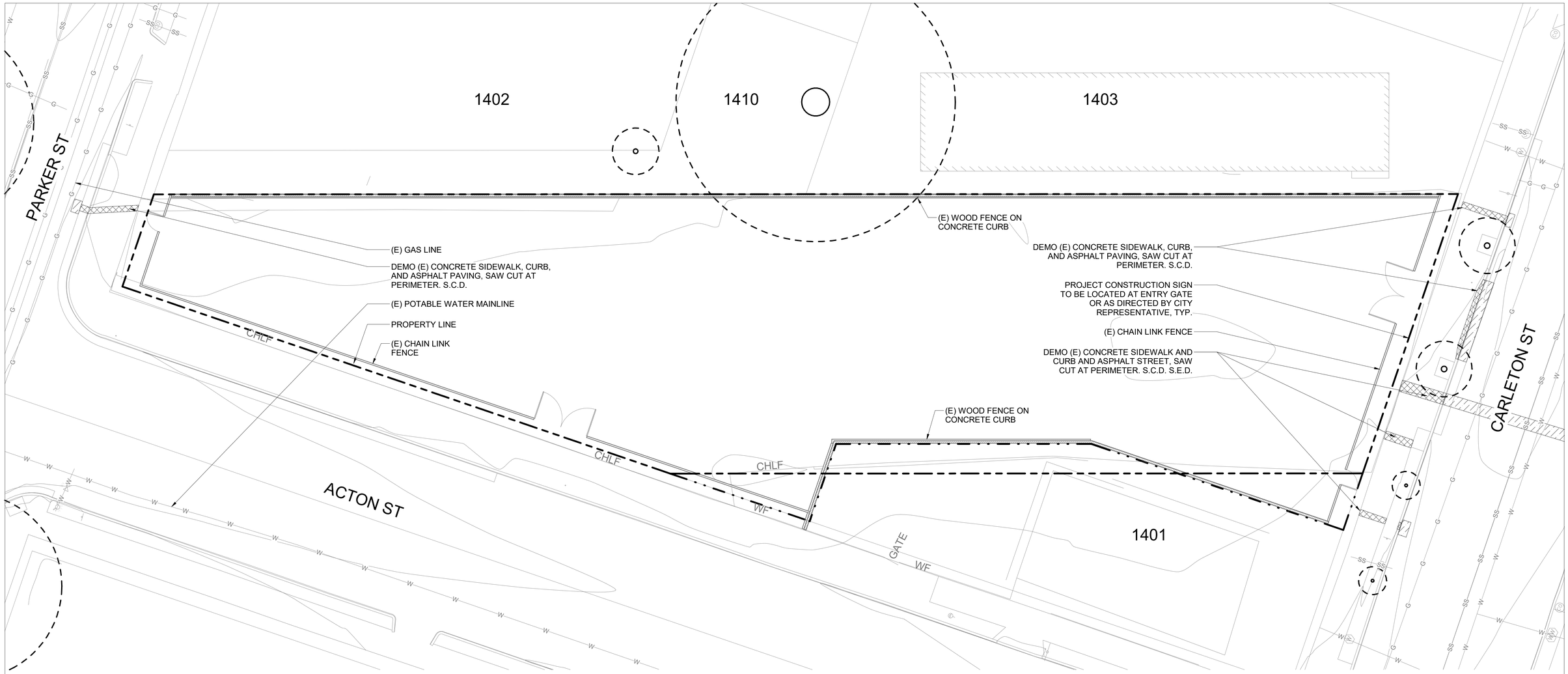
BID SET
ISSUE:
4/1/26
DATE:

DEMOLITION PLAN - BLAKE TO PARKER
SHEET TITLE:

G2.01
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



DEMOLITION LEGEND

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BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MOTT — Expiration Date: DEC 31, 2026 — Renewal Date: FEB 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin[illegible]ncing** — Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
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SPEC NO. 26-11757-C
PLAN NO. 8288
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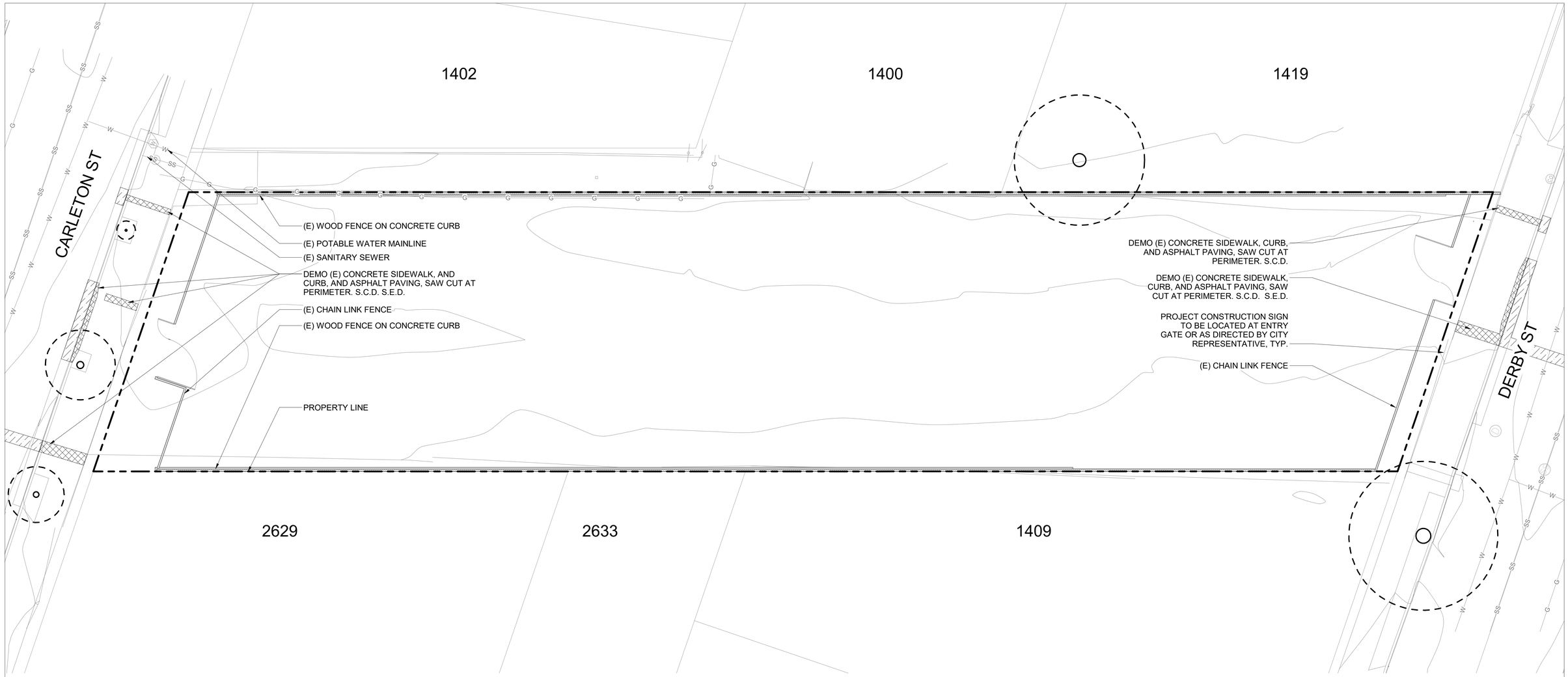
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **DEMOLITION PLAN - PARKER TO CARLETON**

SHEET NUMBER: **G2.02**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



DEMOLITION LEGEND

- PROPERTY LINE
- PENDING LOT LINE ADJUSTMENT
- DEMO EXISTING CONCRETE PAVING
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BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT RIVERA — DEC 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin[illegible]Berkeley, CAncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
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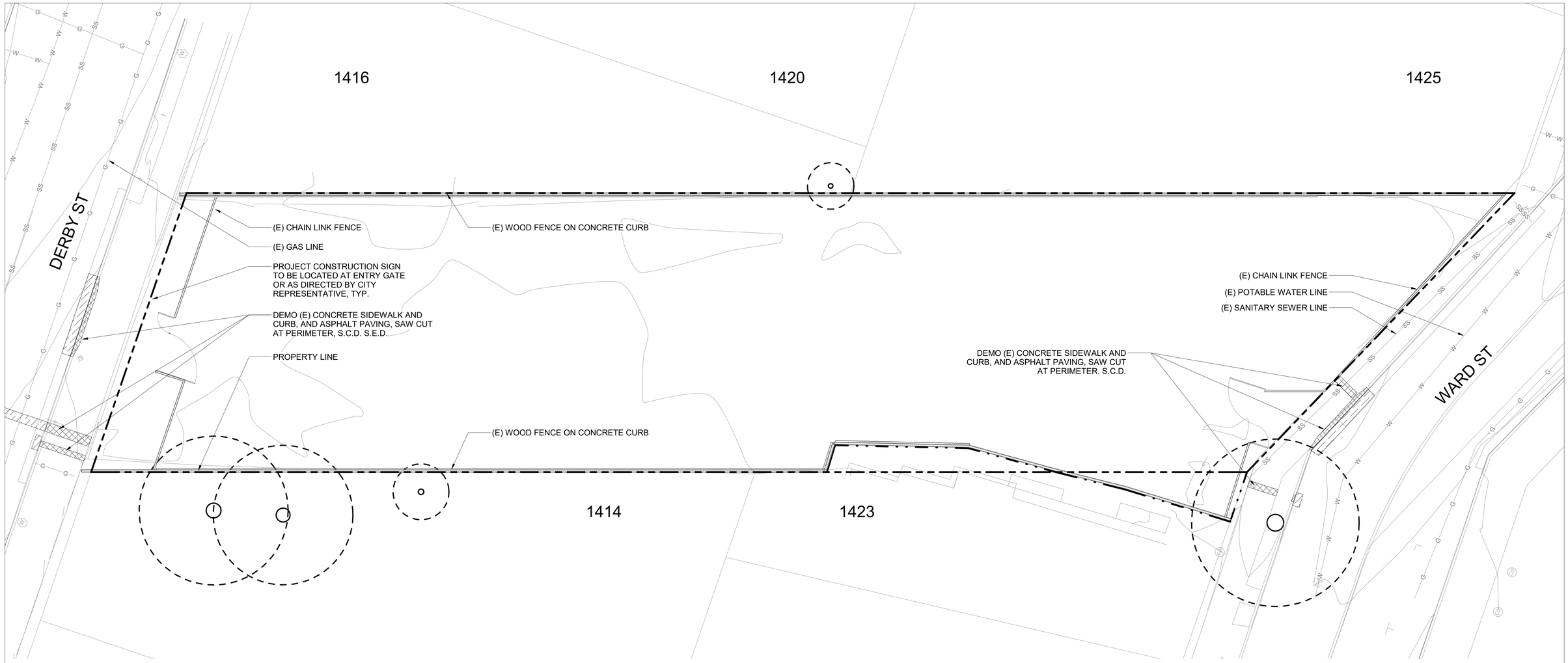
BID SET
ISSUE:
4/1/26
DATE:

SHEET TITLE: **DEMOLITION PLAN - CARLETON TO DERBY**

SHEET NUMBER: **G2.03**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



DEMOLITION LEGEND

- PROPERTY LINE
- PENDING LOT LINE ADJUSTMENT
- DEMO EXISTING CONCRETE PAVING
- DEMO EXISTING ASPHALT PAVING

0 5 10 15 25ft

N

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MIG | PGA
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STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT ALLEN — Expiration Date: DEC. 31, 2026 — Renewal Date: FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin[illegible]ncing** (Berkeley, CA)

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
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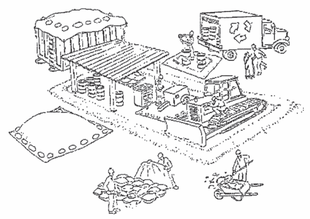
4/1/26
DATE:

SHEET TITLE: **DEMOLITION PLAN - DERBY TO WARD**

SHEET NUMBER: **G2.04**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

City of Berkeley's
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 and damage to creeks and the San Francisco Bay. Construction activities can directly affect the health of creeks and 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 and the project specifications will ensure your compliance with City of Berkeley requirements.

Materials storage & spill cleanup

Non-hazardous materials management

- Sand, dirt, and similar materials must be stored at least 10 feet (3 meters) from catch basins. All construction material must be covered with a tarp and contained with a perimeter control during wet weather or when rain is forecasted or when not actively being used within 14 days.
- Use (but don't overuse) reclaimed water for dust control as needed.
- Sweep or vacuum 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. Comply with City of Berkeley Ordinances for recycling construction materials, wood, gyp board, pipe, etc.
- Check dumpsters regularly for leaks and to make sure they are not overfilled. Repair or replace leaking dumpsters promptly.
- Cover all dumpsters with a tarp at the end of every work day or during wet weather.

Hazardous materials management

- Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state, and federal regulations.
- Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecasted.
- 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 forecasted 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!
- Dispose of all containment and cleanup materials properly.
- Report any hazardous materials spills immediately! Dial 911 or the City of Berkeley's Public Works Department by dialing 311

Construction Entrances and Perimeter

- Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking.

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 rinse water 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.

Earthwork & contaminated soils

- Keep excavated soil on the site where it will not 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.

- Earth moving activities are only allowed during dry weather by permit and as approved by the City Inspector in the Field.
- 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 Engineer for help in determining what should be done, and manage disposal of cntaminated soil according to their instructions.

Architectural Copper

If project contains architectural copper use best management practices as detailed in the handout Requirements for Architectural Copper available at the lobby of the Permit Service Center.

Dewatering operations

- Effectively manage all run-on, all runoff within the site, and all runoff that discharges from the site. Run-on from off site shall be directed away from all disturbed areas or shall collectively be in compliance.
- Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- Be sure to notify and obtain approval from the Engineer 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 Engineer to determine what testing is required and how 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

- Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- 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

- Store concrete, grout, and mortar under cover, on pallets, and away from drainage areas. These materials must never reach a storm drain.
- Wash out concrete equipment/trucks off-site or into contained washout areas that will not allow discharge of wash water onto the underlying soil or onto the surrounding areas.

- Collect the wash water from washing exposed aggregate concrete 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.
- 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.

Landscape Materials

- Contain, cover, and store on pallets all stockpiled landscape materials (mulch, compost, fertilizers, etc.) during wet weather or when rain is forecasted or when not actively being used within 14 days.
- Discontinue the application of any erodible landscape material within 2 days of forecasted rain and during wet weather.

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

For references and more detailed information:
www.cleanwaterprogram.org
www.cabmphandbooks.com

MIG | PGA
800 HEARST AVENUE
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STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — Registered — DEC. 31, 2026 — Renewal Date — FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
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REVISION		
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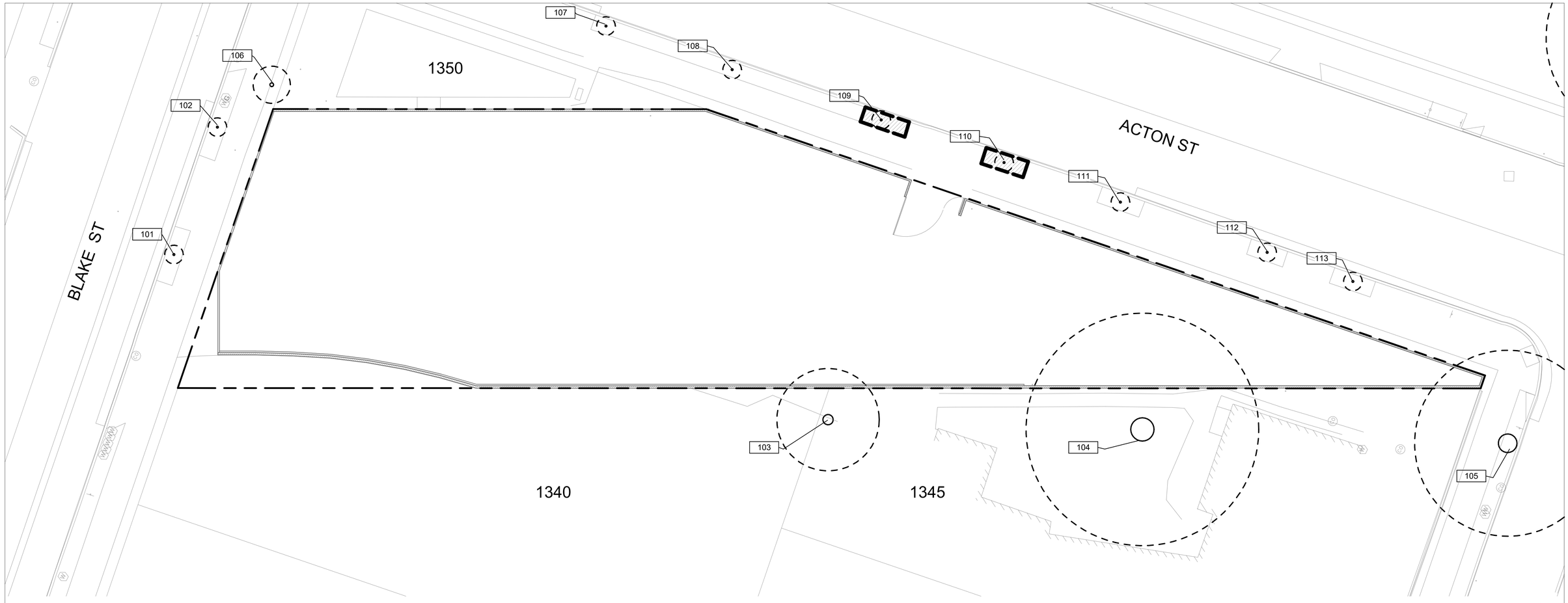
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **POLLUTION PREVENTION PLAN**

SHEET NUMBER: **G3.01**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



TREE PRESERVATION AND REMOVAL LEGEND

PROPERTY LINE

PENDING LOT LINE ADJUSTMENT

EXISTING TREE TO REMAIN AND BE PROTECTED

TREE PROTECTION FENCING, PLACE FENCING AS SHOWN ON PLANS OR MINIMUM TO OUTER EDGE OF TREE CANOPY (3 / L4.10)

TREE PROTECTION ZONE (TPZ) - ALL DEMOLITION GRADING, EXCAVATION, CONSTRUCTION AND STAGING TO BE APPROVED BY ARBORIST OR LANDSCAPE ARCHITECT. (3 / L4.10)

TREE PROTECTION & REMOVAL SCHEDULE

NO.	BOTANIC NAME	COMMON NAME	DBH
101	NYSSA SYLVATICA	BLACK TUPELO	2"
102	NYSSA SYLVATICA	BLACK TUPELO	2"
103	PRUNUS CERASIFERA	PURPLE LEAF PLUM	8"
104	CEDRUS DEODARA	DEODAR CEDAR	36"
105	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	21"
106	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	24"
106	MAGNOLIA X SOULANGEANA	SAUCER MAGNOLIA	4"
107	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	24"
107	PRUNUS CERASIFERA	PURPLE LEAF PLUM	10
108	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
109	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
110	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
111	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
112	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
113	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
201	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	12"

TREE PROTECTION & REMOVAL SCHEDULE

NO.	BOTANIC NAME	COMMON NAME	DBH
202	POPULUS NIGRA 'ITALICA'	LOMBARDY POPLAR	36"
212	PISTACIA CHINENSIS	CHINESE PISTACHE	4"
213	PISTACIA CHINENSIS	CHINESE PISTACHE	3"
214	PISTACIA CHINENSIS	CHINESE PISTACHE	3"
215	PISTACIA CHINENSIS	CHINESE PISTACHE	2"
301	NYSSA SYLVATICA	BLACK TUPELO	1"
302	PISTACIA CHINENSIS	CHINESE PISTACHE	6"
303	PISTACIA CHINENSIS	CHINESE PISTACHE	4"
304	PINUS PINEA	ITALIAN STONE PINE	14"
308	ULMUS PARVIFOLIA	CHINESE ELM	16"
402	QUERCUS CHRYSOLEPIS	CANYON LIVE OAK	24"
403	QUERCUS CHRYSOLEPIS	CANYON LIVE OAK	18"
404	MORUS ALBA	MULBERRY	6"
407	GINKGO BILOBA	GINKGO	18"
408	QUERCUS AGRIFOLIA	COAST LIVE OAK	5"

TREE PRESERVATION & REMOVAL NOTES

1. ALL STREET TREES SHALL BE PRESERVED AND PROTECTED IN PLACE. ALL TREES WITHIN PROPERTY WILL BE REMOVED AS PART OF A SEPARATE CONTRACT PRIOR TO START OF THIS PROJECT.
2. PROJECT ARBORIST TO MEET WITH THE CONTRACTOR, LANDSCAPE ARCHITECT AND CITY'S ARBORIST ON SITE TO DISCUSS TREE PRESERVATION, REVIEW THE LOCATION OF THE TREE PROTECTION FENCING, OTHER TREE PROTECTIONS AND WORK PROCEDURES AROUND TREES PRIOR TO CONSTRUCTION AND BE PRESENT ON SITE FOR ALL WORK WITHIN TREE PROTECTION ZONE OF EXISTING TREES.
3. ARBORIST REPORT PREPARED BY MARK WESSELS ON OCTOBER 13TH, 2022. CONTRACTORS TO REVIEW REPORT PRIOR TO BEGINNING WORK AND IMPLEMENT PROTECTION STRATEGIES. REQUEST COPIES OF REPORT FROM OWNER'S REPRESENTATIVE.
4. BEFORE ANY DEMOLITION OR CONSTRUCTION ACTIVITY BEGINS COMPLETELY ENCLOSE THE TREE PROTECTION ZONE (TPZ) AS SHOWN ON TREE PRESERVATION PLAN AND ARBORIST REPORT, INSTALL ALL SPECIFIED TRUNK PROTECTION AND ROOT BUFFERS. FENCING AND OTHER PROTECTIONS TO REMAIN IN PLACE UNTIL GRADING AND CONSTRUCTION IS COMPLETED.
5. CONTRACTOR SHALL NOT ENGAGE IN ANY CONSTRUCTION ACTIVITY WITHIN THE TPZ WITHOUT THE APPROVAL OF THE PROJECT ARBORIST OF LANDSCAPE ARCHITECT INCLUDING: OPERATING, MOVING OR STORING EQUIPMENT; STORING OR STAGING SUPPLIES OR MATERIALS. DO NOT PERMIT EMPLOYEES TO ENTER FENCED AREAS.
6. DO NOT OPERATE OR PARK VEHICLES OR HEAVY EQUIPMENT WITHIN THE TPZ.
7. STRICTLY MINIMIZE GRADING, CONSTRUCTION AND DEMOLITION WORK TO OCCUR WITHIN THE TPZ. ALL WORK WITHIN TPZ MUST BE MONITORED AND APPROVED BY THE PROJECT ARBORIST.
8. ALL EXCAVATION AND OR TRENCHING WORK DONE WITHIN THE TPZ IS TO BE DONE BY HAND OR AIR TOOLS ONLY.
9. IMMEDIATELY REPORT ANY INJURY DONE TO A TREE DURING CONSTRUCTION TO THE PROJECT ARBORIST SO THAT APPROPRIATE TREATMENTS CAN BE APPLIED.
10. TREE PRUNING NEEDED FOR CLEARANCE DURING CONSTRUCTION MUST BE PERFORMED BY A CERTIFIED ARBORIST AND NOT BY CONSTRUCTION PERSONNEL.
11. ROOT PRUNING REQUIRED FOR CONSTRUCTION PURPOSES MUST RECEIVE THE PRIOR APPROVAL OF, AND BE SUPERVISED BY THE PROJECT ARBORIST.

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

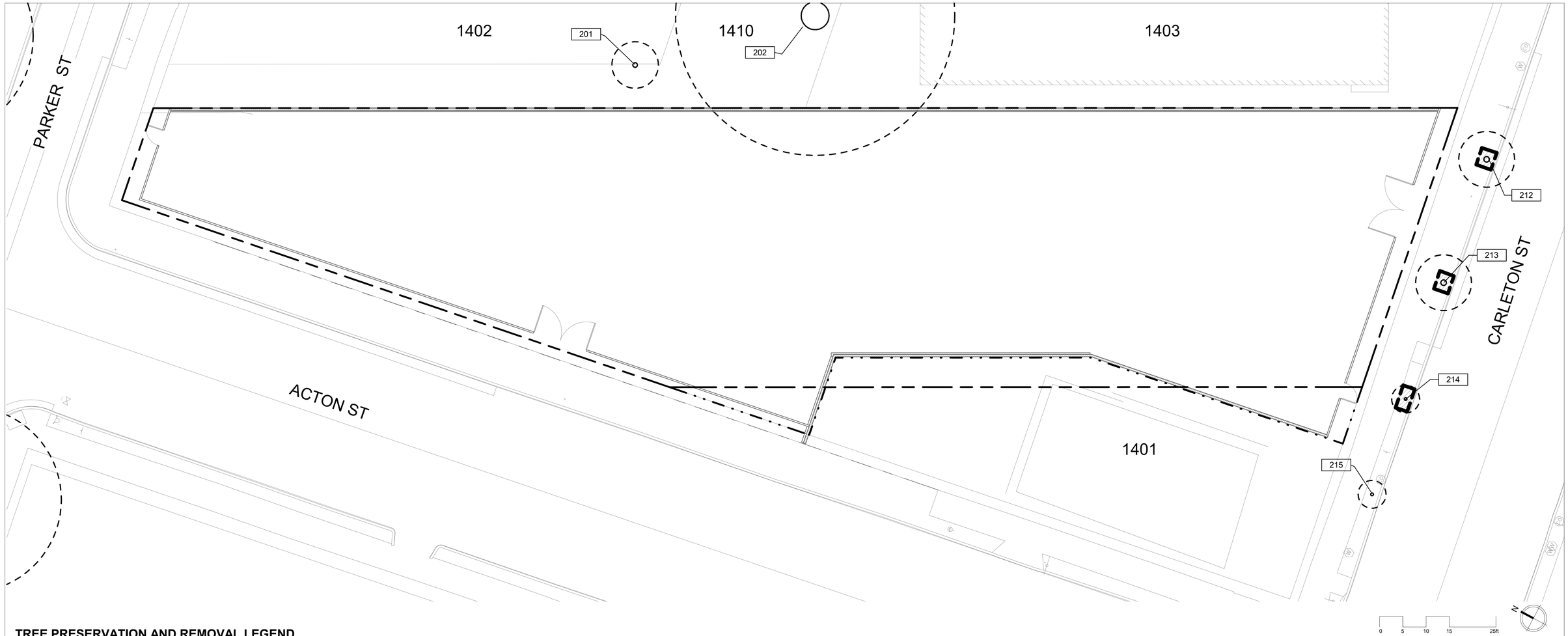
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

SHEET TITLE: **TREE PROTECTION PLAN - BLAKE TO PARKER**

SHEET NUMBER: **L0.01**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



TREE PRESERVATION AND REMOVAL LEGEND

PROPERTY LINE

PENDING LOT LINE ADJUSTMENT

EXISTING TREE TO REMAIN AND BE PROTECTED

TREE PROTECTION FENCING, PLACE FENCING AS SHOWN ON PLANS OR MINIMUM TO OUTER EDGE OF TREE CANOPY — 3 / L4.10

TREE PROTECTION ZONE (TPZ) - ALL DEMOLITION GRADING, EXCAVATION, CONSTRUCTION AND STAGING TO BE APPROVED BY ARBORIST OR LANDSCAPE ARCHITECT. — 3 / L4.10

TREE PROTECTION & REMOVAL SCHEDULE

NO.	BOTANIC NAME	COMMON NAME	DBH
101	NYSSA SYLVATICA	BLACK TUPELO	2"
102	NYSSA SYLVATICA	BLACK TUPELO	2"
103	PRUNUS CERASIFERA	PURPLE LEAF PLUM	8"
104	CEDRUS DEODARA	DEODAR CEDAR	36"
105	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	21"
106	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	24"
106	MAGNOLIA X SOULANGEANA	SAUCER MAGNOLIA	4"
107	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	24"
107	PRUNUS CERASIFERA	PURPLE LEAF PLUM	10
108	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
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110	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
111	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
112	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
113	KOELREUTERIA PANICULATA	GOLDENRAIN TREE	2"
201	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	12"

TREE PROTECTION & REMOVAL SCHEDULE

NO.	BOTANIC NAME	COMMON NAME	DBH
202	POPULUS NIGRA 'ITALICA'	LOMBARDY POPLAR	36"
212	PISTACIA CHINENSIS	CHINESE PISTACHE	4"
213	PISTACIA CHINENSIS	CHINESE PISTACHE	3"
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308	ULMUS PARVIFOLIA	CHINESE ELM	16"
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403	QUERCUS CHRYSOLEPIS	CANYON LIVE OAK	18"
404	MORUS ALBA	MULBERRY	6"
407	GINKGO BILOBA	GINKGO	18"
408	QUERCUS AGRIFOLIA	COAST LIVE OAK	5"

TREE PRESERVATION & REMOVAL NOTES

1. ALL STREET TREES SHALL BE PRESERVED AND PROTECTED IN PLACE. ALL TREES WITHIN PROPERTY WILL BE REMOVED AS PART OF A SEPARATE CONTRACT PRIOR TO START OF THIS PROJECT.
2. PROJECT ARBORIST TO MEET WITH THE CONTRACTOR, LANDSCAPE ARCHITECT AND CITY'S ARBORIST ON SITE TO DISCUSS TREE PRESERVATION, REVIEW THE LOCATION OF THE TREE PROTECTION FENCING, OTHER TREE PROTECTIONS AND WORK PROCEDURES AROUND TREES PRIOR TO CONSTRUCTION AND BE PRESENT ON SITE FOR ALL WORK WITHIN TREE PROTECTION ZONE OF EXISTING TREES.
3. ARBORIST REPORT PREPARED BY MARK WESSELS ON OCTOBER 13TH, 2022. CONTRACTORS TO REVIEW REPORT PRIOR TO BEGINNING WORK AND IMPLEMENT PROTECTION STRATEGIES. REQUEST COPIES OF REPORT FROM OWNER'S REPRESENTATIVE.
4. BEFORE ANY DEMOLITION OR CONSTRUCTION ACTIVITY BEGINS COMPLETELY ENCLOSE THE TREE PROTECTION ZONE (TPZ) AS SHOWN ON TREE PRESERVATION PLAN AND ARBORIST REPORT, INSTALL ALL SPECIFIED TRUNK PROTECTION AND ROOT BUFFERS. FENCING AND OTHER PROTECTIONS TO REMAIN IN PLACE UNTIL GRADING AND CONSTRUCTION IS COMPLETED.
5. CONTRACTOR SHALL NOT ENGAGE IN ANY CONSTRUCTION ACTIVITY WITHIN THE TPZ WITHOUT THE APPROVAL OF THE PROJECT ARBORIST OF LANDSCAPE ARCHITECT INCLUDING: OPERATING, MOVING OR STORING EQUIPMENT; STORING OR STAGING SUPPLIES OR MATERIALS. DO NOT PERMIT EMPLOYEES TO ENTER FENCED AREAS.
6. DO NOT OPERATE OR PARK VEHICLES OR HEAVY EQUIPMENT WITHIN THE TPZ.
7. STRICTLY MINIMIZE GRADING, CONSTRUCTION AND DEMOLITION WORK TO OCCUR WITHIN THE TPZ. ALL WORK WITHIN TPZ MUST BE MONITORED AND APPROVED BY THE PROJECT ARBORIST.
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STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT-WEN — Registered — DEC. 31, 2026 — Renewal Date — FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
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TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

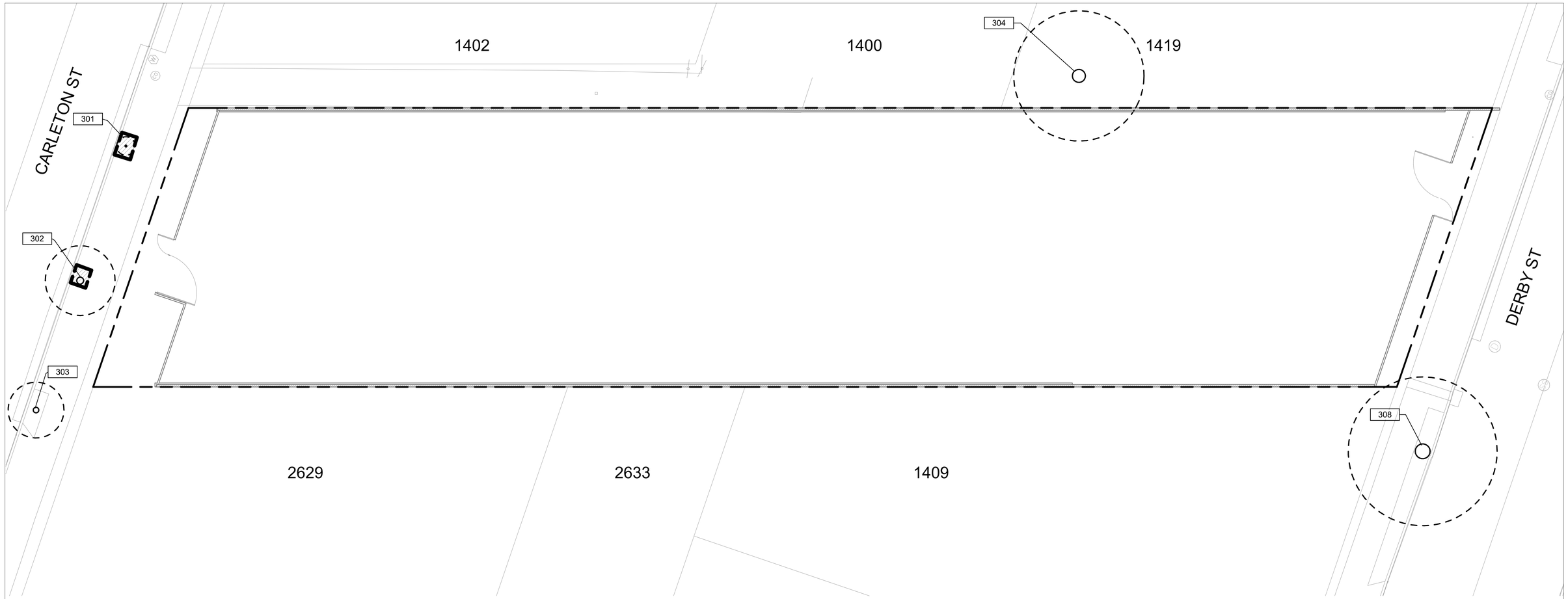
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **TREE PROTECTION PLAN - PARKER TO CARLETON**

SHEET NUMBER: **L0.02**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



TREE PRESERVATION AND REMOVAL LEGEND

PROPERTY LINE

PENDING LOT LINE ADJUSTMENT

EXISTING TREE TO REMAIN AND BE PROTECTED

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TREE PROTECTION & REMOVAL SCHEDULE

NO.	BOTANIC NAME	COMMON NAME	DBH
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LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — No. 6065 — DEC 31, 2026 Renewal Date — FEB 19 2025 Date — STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing

PROJECT:

PRWPK2102

PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

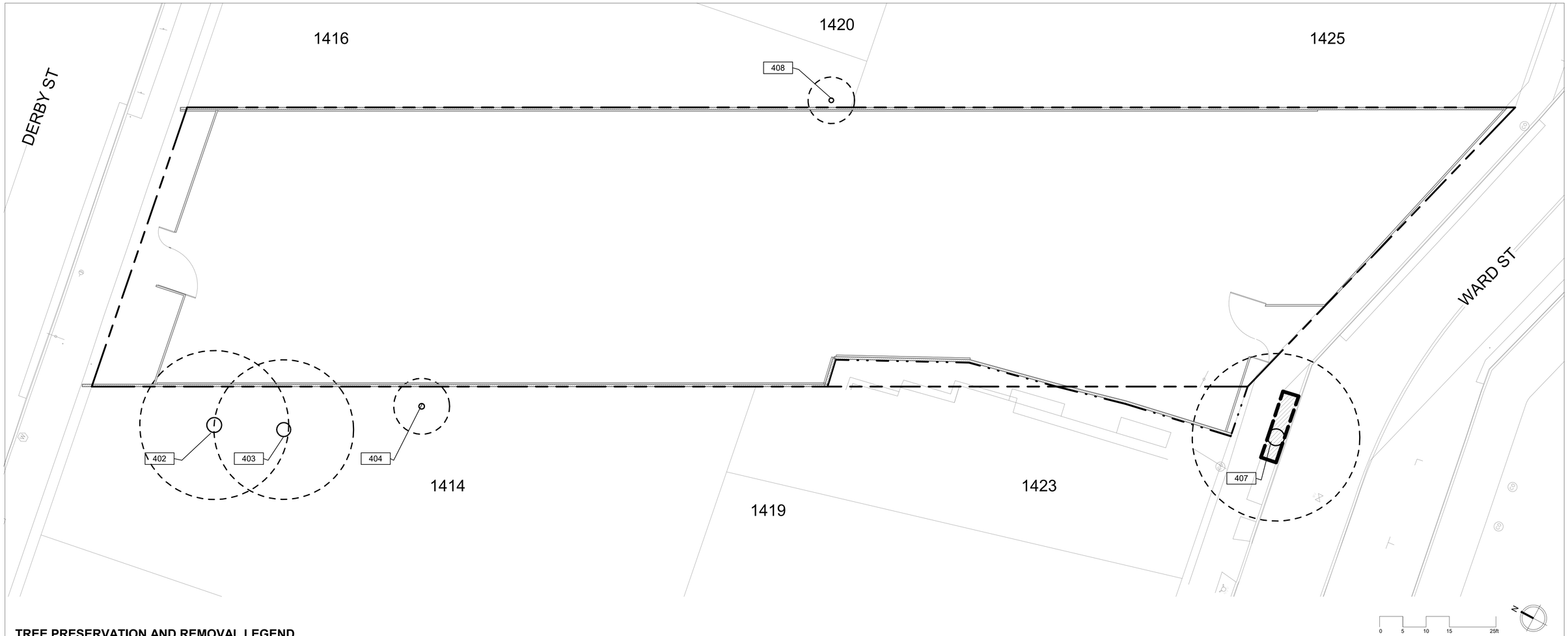
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

TREE PROTECTION PLAN - CARLETON TO DERBY
SHEET TITLE:

L0.03
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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TREE PRESERVATION & REMOVAL NOTES

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TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT WARD — DEC. 31, 2026 Renewal Date — FEB. 19, 2026 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin**Berkeley, CAncing

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

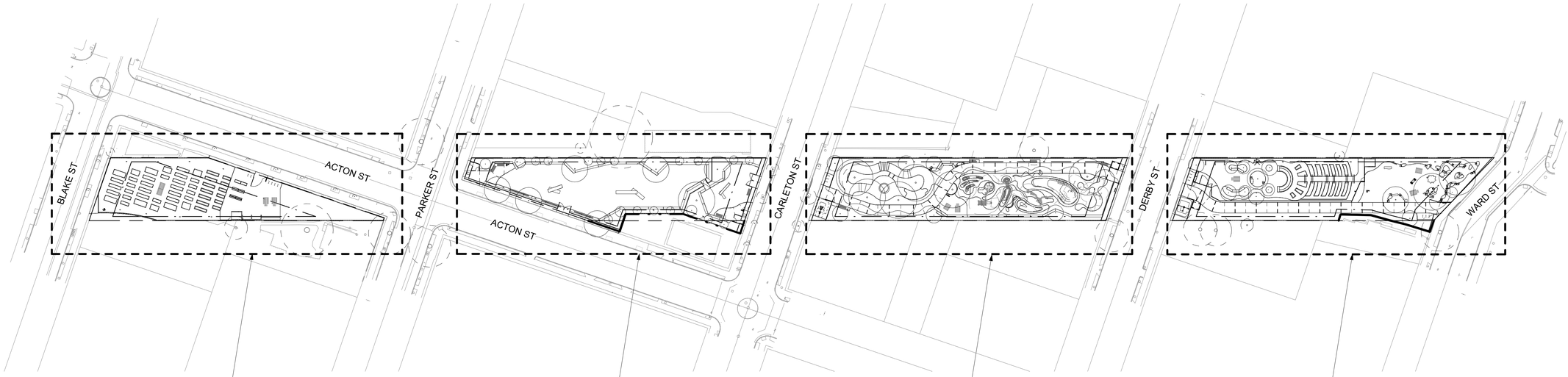
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **TREE PROTECTION PLAN - DERBY TO WARD**

SHEET NUMBER: **L0.04**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



GENERAL PROJECT NOTES

1. LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY OR LIABILITY FOR COMPLETENESS OR ACCURACY OF EXISTING PLAN AND SURVEY PROVIDED BY OTHERS.
2. VERIFY PROPERTY BOUNDARIES, LIMIT OF WORK, AND LOT LINES PRIOR TO COMMENCEMENT OF WORK.
3. BECOME ACQUAINTED WITH UNDERGROUND UTILITIES, PIPES AND STRUCTURES. SHOULD UTILITIES OR OTHER WORK NOT SHOWN ON THE PLANS BE FOUND DURING EXCAVATIONS, PROMPTLY NOTIFY OWNER'S REPRESENTATIVE. FAILURE TO DO SO WILL MAKE CONTRACTOR LIABLE FOR DAMAGE ARISING FROM THEIR OPERATIONS SUBSEQUENT TO DISCOVERY OF SUCH UTILITIES NOT SHOWN ON PLANS.
4. COORDINATE WITH SUBCONTRACTORS AS REQUIRED.
5. REPLACE EXISTING MATERIALS DAMAGED DURING CONSTRUCTION.
6. QUANTITIES PROVIDED ARE FOR INFORMATION ONLY, VERIFY QUANTITIES AND NOTIFY OWNER OF DISCREPANCIES.
7. WORK IS TO CONFORM TO ALL APPLICABLE BUILDING CODES INCLUDING THE CURRENT CALIFORNIA BUILDING CODE.
8. APPROPRIATE CONNECTIONS TO UTILITIES REQUIRED TO SUPPORT THE WORK ARE TO BE COMPLETED.
9. KEEP THE STAMPED SET OF PLANS AND SPECIFICATIONS, GEOTECH REPORT, AND STORM WATER POLLUTION PREVENTION PLAN ON THE JOB SITE AND AVAILABLE TO AUTHORIZED REPRESENTATIVES OF THE CITY OF BERKELEY. THERE ARE TO BE NO DEVIATIONS FROM THE STAMPED PLANS AND SPECIFICATIONS WITHOUT APPROVAL IN WRITING BY THE OWNER'S REPRESENTATIVE.
10. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND COORDINATION OF THE WORK.
11. VERIFY DIMENSIONS AND EXISTING CONDITIONS ON THE DRAWINGS AND NOTIFY THE OWNER OF DISCREPANCIES PRIOR TO STARTING WORK.
12. WHERE PUBLIC UTILITY LINES OR EQUIPMENT MUST BE REMOVED OR RELOCATED, OBTAIN THE NECESSARY APPROVALS FROM THE APPROPRIATE UTILITY DEPARTMENT PRIOR TO STARTING WORK.
13. PROTECT ADJACENT PROPERTIES, INCLUDING BUT NOT LIMITED TO POLLUTION, TRASH, OR DAMAGES DUE TO DEMOLITION, EXCAVATION, CONSTRUCTION, EROSION, OR FLOODING ORIGINATING ON THIS SITE.
16. CONDITIONS ARISING WHERE THE INTENT OF THE DRAWINGS IS IN DOUBT OR WHERE THERE APPEARS TO BE A DISCREPANCY BETWEEN THE DRAWINGS AND FIELD CONDITIONS, NOTIFY THE OWNER'S REPRESENTATIVE AS SOON AS POSSIBLE FOR THE PROCEDURE TO BE FOLLOWED. IF THE CONTRACTOR PROCEEDS WITHOUT INSTRUCTIONS FROM THE OWNER'S REPRESENTATIVE, THE CONTRACTOR TO MAKE GOOD ANY RESULTING DAMAGE OR DEFECTS.
17. CAREFULLY EXAMINE THE CONDITIONS AFFECTING THE WORK BEFORE PROCEEDING, AND REPORT TO THE OWNER, CONDITIONS WHICH WOULD PREVENT THE PROPER AND LEGAL COMPLETION OF THE WORK. NOT REPORTING SUCH UNSUITABLE CONDITION WILL CONSTITUTE ACCEPTANCE BY THE CONTRACTOR.
18. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE.
19. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF PERSONS AND PROPERTY, THAT THIS REQUIREMENT TO BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR FURTHER AGREES TO ACCEPT LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF LANDSCAPE ARCHITECT AND CITY.
20. PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
21. AT NO TIME ARE CAMPERS, TRAILERS, MOTOR HOMES, OR ANY OTHER VEHICLES TO BE USED AS LIVING OR SLEEPING QUARTERS ON THE CONSTRUCTION SITE. OBTAIN APPROVAL FROM CITY OF BERKELEY FOR LOCATION OF THE CONSTRUCTION TRAILER.
22. PRIOR TO BIDDING, VISIT AND INSPECT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AFFECTING THE NEW WORK. DISPUTE, COMPLAINT, OR ASSERTION THAT THERE IS A MISUNDERSTANDING IN REGARDS TO LOCATION, EXTENT, OR AMOUNT OF WORK TO BE PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTOR'S FAILURE TO INSPECT THE SITE.
23. CONTACT THE CITY OF BERKELEY TO ARRANGE FOR A PRE-CONSTRUCTION CONFERENCE PRIOR TO START OF CONSTRUCTION.
24. CONTRACTOR TO BE FULLY RESPONSIBLE FOR SWPPP PERMIT APPLICATIONS, FEES, AND COORDINATION REQUIRED FOR ATTAINING THIS PERMIT.
25. PROJECT IDENTIFICATION SIGN TO BE POSITIONED IN LOCATION DETERMINED BY OWNER'S REPRESENTATIVE.
26. AN ENGINEERING PERMIT WILL BE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO CONSTRUCTION STAGING, RESERVED CONSTRUCTION PARKING, SIDEWALK, DRAINAGE, OR SEWER WORK. APPROVAL OF THIS BUILDING PERMIT DOES NOT AUTHORIZE WORK IN THE PUBLIC RIGHT-OF-WAY. THE ENGINEERING PERMIT MUST BE ISSUED PRIOR TO ANY WORK IN THE PUBLIC RIGHT-OF-WAY.

GENERAL SYMBOLS & ABBREVIATIONS

	POINT OF BEGINNING	EQ.	EQUAL
℄	CENTERLINE	(E)	EXISTING
	PROPERTY LINE	O.C.	ON CENTER
	PENDING LOT LINE ADJUSTMENT	MAX.	MAXIMUM
	PROPERTY LINE SETBACKS	MIN.	MINIMUM
	CONTOUR LINE - 1'	S.C.D.	SEE CIVIL DRAWINGS
	CONTOUR LINE - 3"	S.E.D.	SEE ELECTRICAL DRAWINGS
	EXPANSION JOINT	TYP.	TYPICAL
	CONTROL JOINT		
	ACCESSIBLE PATH OF TRAVEL		
	DETAIL CALLOUT		

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — Registered — DEC. 31, 2026 — Renewal Date — FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

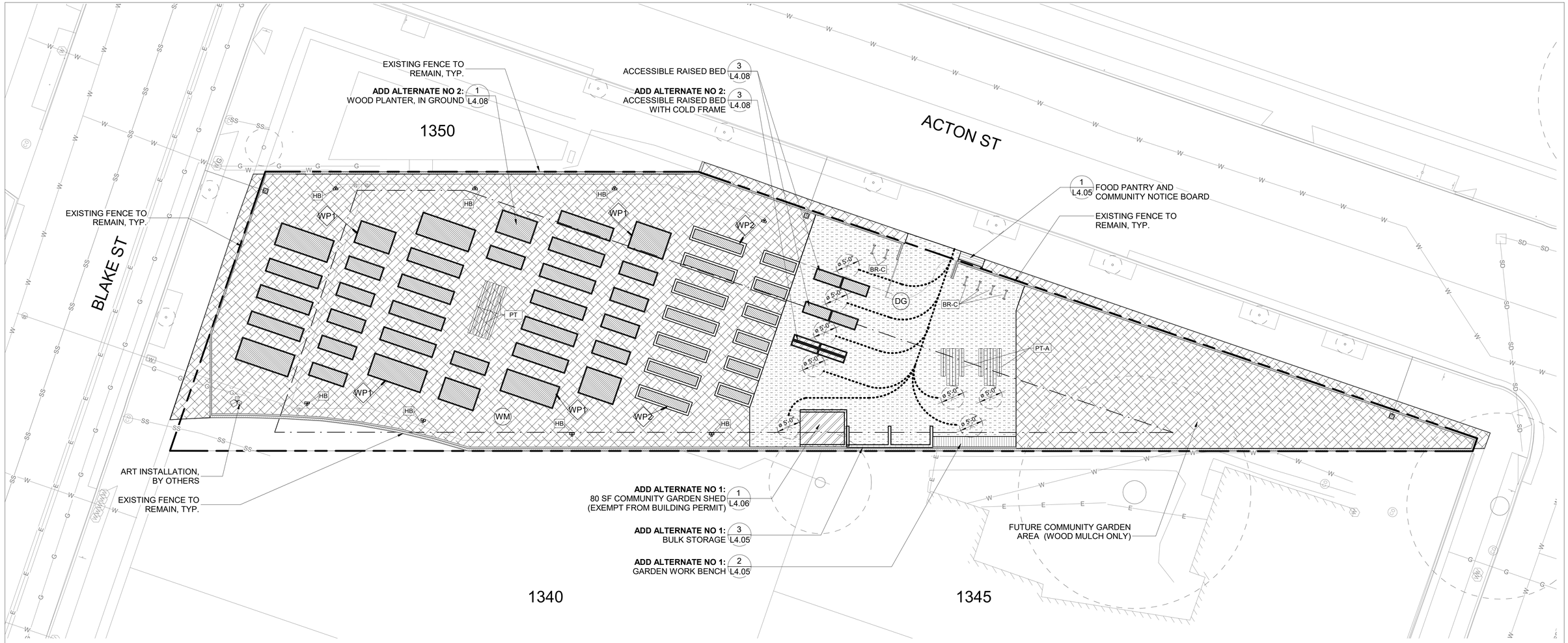
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **LANDSCAPE PLAN - WHOLE SITE**

SHEET NUMBER: **L1.00**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



LANDSCAPE HARDSCAPE MATERIAL LEGEND

- DG — STABILIZED DECOMPOSED GRANITE PAVING — 3 L4.01
- RED PAINTED ROLLED CURB OR DRIVEWAY S.C.D.

LANDSCAPE FURNISHINGS LEGEND

- HB — HOSE BIB — 6 L4.09
- BR-C — CIRCLE BIKE RACK — 7 L4.12
- PT — **ADD ALTERNATE NO 2:** PICNIC TABLE — 8 L4.12
- PT-A — **ADD ALTERNATE NO 2:** ADA PICNIC TABLE — 8 L4.12

LANDSCAPE SOFTSCAPE MATERIAL LEGEND

- GB — COMMUNITY GARDEN BED — 1 L4.08, 2 L4.08, 3 L4.08
- WM — WOOD MULCH — 2 L4.10

LANDSCAPE WALL TYPE LEGEND

- WP1 — **ADD ALTERNATE NO 2:** WOOD PLANTER, IN GROUND — 1 L4.08
- WP2 — WOOD PLANTER, RAISED — 2 L4.08

GENERAL SYMBOLS & ABBREVIATIONS

	POINT OF BEGINNING	EQ.	EQUAL
℄	CENTERLINE	(E)	EXISTING
	PROPERTY LINE	O.C.	ON CENTER
	PENDING LOT LINE ADJUSTMENT	MAX.	MAXIMUM
	PROPERTY LINE SETBACKS	MIN.	MINIMUM
	CONTOUR LINE - 1'	S.C.D.	SEE CIVIL DRAWINGS
	CONTOUR LINE - 3"	S.E.D.	SEE ELECTRICAL DRAWINGS
	EXPANSION JOINT	TYP.	TYPICAL
	CONTROL JOINT		
	ACCESSIBLE PATH OF TRAVEL		
- ---	DETAIL CALLOUT		

TREE LEGEND

- PROPOSED TREE
- EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

LANDSCAPE GENERAL NOTES

1. `TYP' OR TYPICAL MEANS THAT THE CONDITION IS REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT, UNLESS OTHERWISE NOTED. DETAILS ARE USUALLY NOTED 'TYP' ONLY ONCE WHEN THEY FIRST OCCUR.
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4. LOCATE ELECTRICAL JUNCTION BOXES FOR LIGHTS IN PLANTING AREAS UNLESS SHOWN OTHERWISE. LAYOUT TO BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO TRENCHING.
5. CAREFULLY REVIEW LANDSCAPE IRRIGATION PLANS AND NOTES TO IDENTIFY LOCATIONS WHERE PIPE, SLEEVES, SANDBED OR CONDUIT MUST BE PLACED PRIOR TO PLACEMENT OF FORMWORK FOR INSTALLATION OF CONCRETE, OTHER PAVING, OR WALLS. COORDINATE WITH OTHER DRATES TO INSTALL IRRIGATION PIPE, SLEEVE, SANDBEDDING, OR CONDUIT. SHOULD CONFLICTS ARISE, REVIEW WTIH OWNER'S REPRESENTATIVE FOR RESOLUTION.
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7. SIDEWALK DAMAGED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN ACCORDANCE WITH CITY OF BERKELEY STANDARDS (BMC 16.04.010, "SIDEWALK REPAIR REQUIREMENTS"). PRIOR TO FINALING THIS BUILDING PERMIT, CONTRACTOR SHALL CONTACT AN ENGINEERING INSPECTOR AT 510-981-6400 AND SCHEDULE AN APPOINTMENT TO REVIEW SIDEWALK CONDITIONS TO DETERMINE WHETHER REPLACEMENT/REPAIR IS REQUIRED.

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — No. 6272 — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

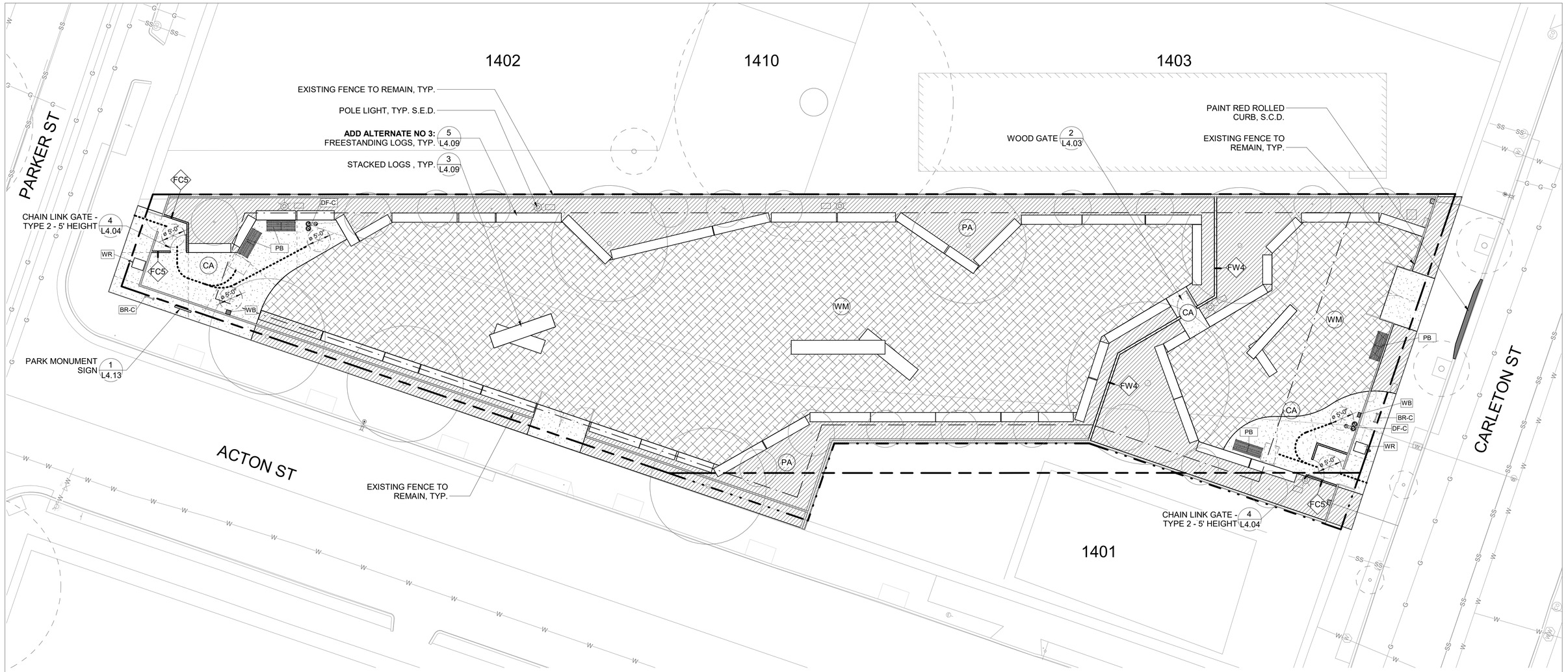
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **MATERIALS PLAN - BLAKE TO PARKER**

SHEET NUMBER: **L1.01**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



LANDSCAPE HARDSCAPE MATERIAL LEGEND

- CA — CONCRETE PAVING, TYPE A
- RED PAINTED ROLLED CURB S.C.D.

LANDSCAPE SOFTSCAPE MATERIAL LEGEND

- PA — PLANTING AREA, SEE PLANTING PLANS
- WM — WOOD MULCH AREA 2 L4.10

LANDSCAPE FURNISHINGS LEGEND

- PB — BENCH 2 L4.12
- WR — WASTE RECEPTACLE 3 L4.12
- DF-C — DRINKING FOUNTAIN,TYPE C 1 L4.12
- BR-C — CIRCLE BIKE RACK 7 L4.12
- WB — DOG WASTE BAG DISPENSER 5 L4.12

LANDSCAPE WALL TYPE LEGEND

- FC5 — 5' CHAIN LINK FENCE 1 L4.04
- FW4 — 4' WOOD FENCE 1 L4.03

GENERAL SYMBOLS & ABBREVIATIONS

- POINT OF BEGINNING
- CENTERLINE
- PROPERTY LINE
- PENDING LOT LINE ADJUSTMENT
- PROPERTY LINE SETBACKS
- CONTOUR LINE - 1'
- CONTOUR LINE - 3"
- EXPANSION JOINT
- CONTROL JOINT
- ACCESSIBLE PATH OF TRAVEL
- DETAIL CALLOUT

EQ.	EQUAL
(E)	EXISTING
O.C.	ON CENTER
MAX.	MAXIMUM
MIN.	MINIMUM
S.C.D.	SEE CIVIL DRAWINGS
S.E.D.	SEE ELECTRICAL DRAWINGS
TYP.	TYPICAL

TREE LEGEND

- PROPOSED TREE
- EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

0 5 10 15 25ft

LANDSCAPE GENERAL NOTES

1. `TYP' OR TYPICAL MEANS THAT THE CONDITION IS REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT, UNLESS OTHERWISE NOTED. DETAILS ARE USUALLY NOTED 'TYP' ONLY ONCE WHEN THEY FIRST OCCUR.
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MIG | PGA
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STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — DEC 31, 2026 — Renewal Date — FEB 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin[illegible]ancing** — Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

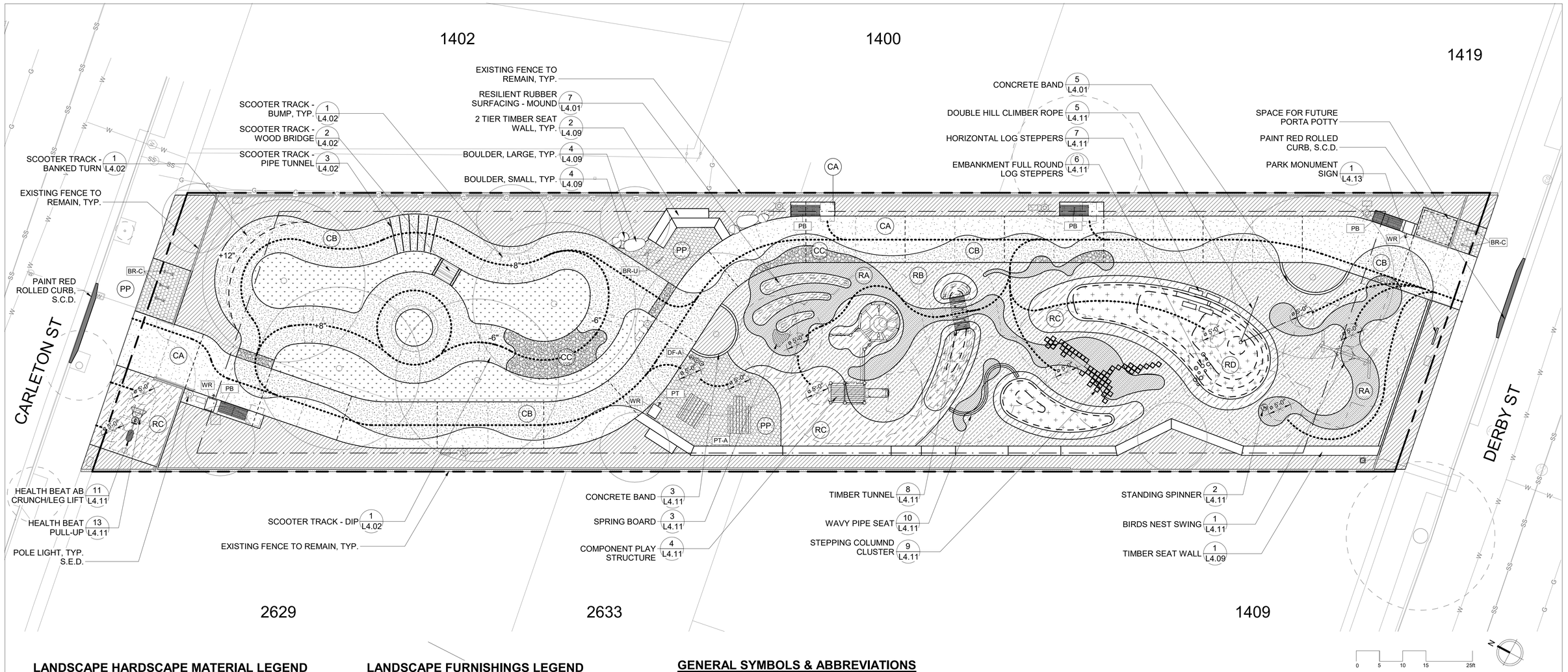
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **MATERIALS PLAN - PARKER TO CARLETON**

SHEET NUMBER: **L1.02**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



LANDSCAPE HARDSCAPE MATERIAL LEGEND

CA	CONCRETE PAVING, TYPE A
CB	CONCRETE PAVING, TYPE B
CC	CONCRETE PAVING, TYPE C
PP	PERMEABLE PAVERS 2 L4.01
RA	RESILIENT RUBBER SURFACING, COLOR A 7 L4.01
RB	RESILIENT RUBBER SURFACING, COLOR B 7 L4.01
RC	RESILIENT RUBBER SURFACING, COLOR C 7 L4.01
RD	RESILIENT RUBBER SURFACING, COLOR D 7 L4.01
	RED PAINTED ROLLED CURB S.C.D.

LANDSCAPE SOFTSCAPE MATERIAL LEGEND

PA	PLANTING AREA, SEE PLANTING PLANS

LANDSCAPE FURNISHINGS LEGEND

PB	BENCH 2 L4.12
WR	WASTE RECEPTACLE 3 L4.12
DF-A	DRINKING FOUNTAIN, TYPE A 1 L4.12
BR-C	BIKE RACK 7 L4.12
BR-U	BIKE RACK-CHILD'S 6 L4.12
WB	DOG WASTE BAG DISPENSER 5 L4.12
PT	PICNIC TABLE 8 L4.12
PT-A	ADA PICNIC TABLE 8 L4.12

GENERAL SYMBOLS & ABBREVIATIONS

	POINT OF BEGINNING	EQ.	EQUAL
	CENTERLINE	(E)	EXISTING
	PROPERTY LINE	O.C.	ON CENTER
	PENDING LOT LINE ADJUSTMENT	MAX.	MAXIMUM
	PROPERTY LINE SETBACKS	MIN.	MINIMUM
	CONTOUR LINE - 1'	S.C.D.	SEE CIVIL DRAWINGS
	CONTOUR LINE - 3"	S.E.D.	SEE ELECTRICAL DRAWINGS
	EXPANSION JOINT	TYP.	TYPICAL
	CONTROL JOINT		
	ACCESSIBLE PATH OF TRAVEL		
- ---	DETAIL CALLOUT		

TREE LEGEND

PROPOSED TREE

EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

LANDSCAPE GENERAL NOTES

1. `TYP' OR TYPICAL MEANS THAT THE CONDITION IS REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT, UNLESS OTHERWISE NOTED. DETAILS ARE USUALLY NOTED 'TYP' ONLY ONCE WHEN THEY FIRST OCCUR.
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PLAY EQUIPMENT ADA ANALYSIS

ELEVATED ACTIVITIES	TOTAL	4	REQUIRED	0
ELEVATED ACTIVITIES (ACCESSIBLE)	TOTAL	2	REQUIRED	2
GROUND LEVEL ACTIVITIES	TOTAL	11	REQUIRED	2
GROUND LEVEL PLAY TYPES	TOTAL	6	REQUIRED	6

MIG | PGA
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LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT-WREN — DEC 31, 2026 — RENEWAL DATE — FEB. 19, 2025 — Date — STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing

PROJECT:

PRWPK2102

PROJECT NUMBER:

City of Berkeley

2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704

CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
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PASO ROBLES, CA 93446
TEL: (805) 467-2528

CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET

ISSUE:

4/1/26

DATE:

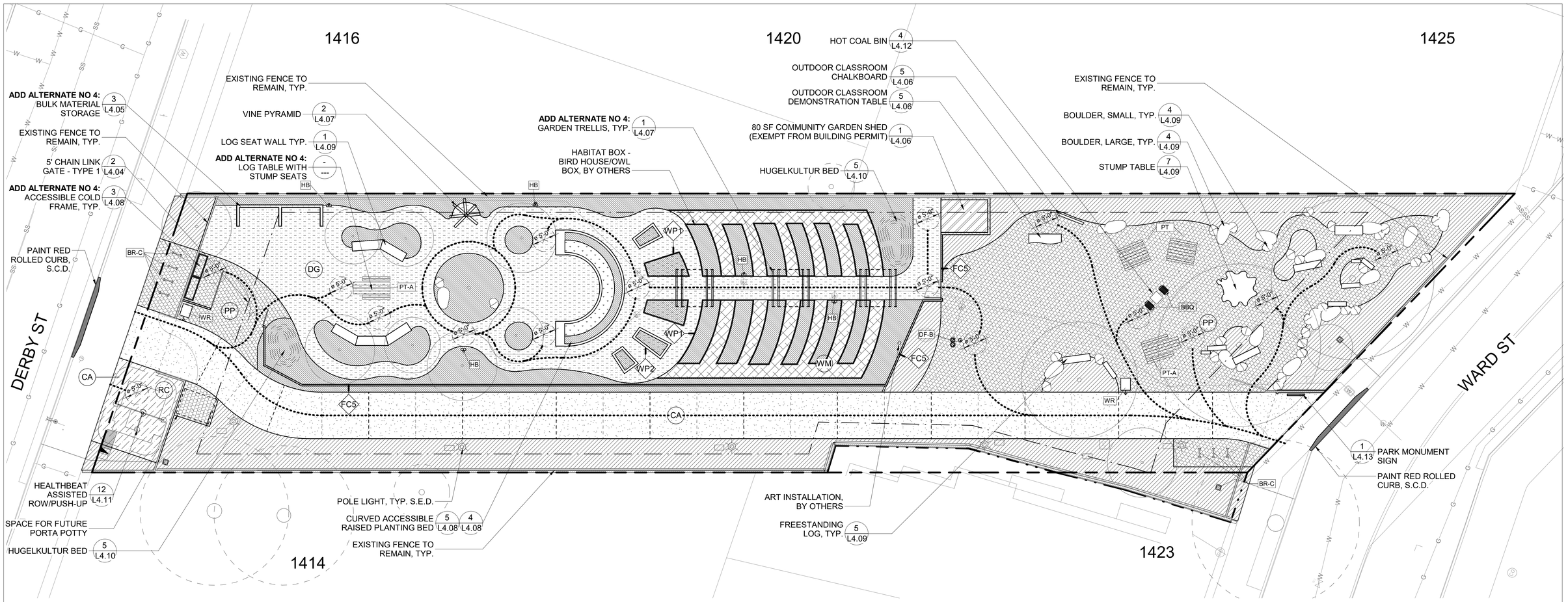
MATERIALS PLAN - CARLETON TO DERBY

SHEET TITLE:

L1.03

SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



LANDSCAPE HARDSCAPE MATERIAL LEGEND

- CA — CONCRETE PAVING, TYPE A
- DG — STABILIZED DECOMPOSED GRANITE PAVING (3 L4.01)
- PP — PERMEABLE PAVERS (2 L4.01)
- RC — RESILIENT RUBBER SURFACING COLOR, C (7 L4.01)
- RED PAINTED ROLLED CURB S.C.D.

LANDSCAPE SOFTSCAPE MATERIAL LEGEND

- PA — PLANTING AREA, SEE PLANTING PLANS
- GB — COMMUNITY GARDEN BED (1 L4.08) (2 L4.08)
- WM — WOOD MULCH AREA (2 L4.10)

LANDSCAPE WALL TYPE LEGEND

- WP1 — WOOD PLANTER (1 L4.08)
- WP2 — WOOD PLANTER (2 L4.08)
- FC5 — 5' CHAIN LINK FENCE (1 L4.04)

LANDSCAPE FURNISHINGS LEGEND

- PB — BENCH (2 L4.12)
- PT — PICNIC TABLE (8 L4.12)
- PT-A — ADA PICNIC TABLE (8 L4.12)
- DF-B — DRINKING FOUNTAIN,TYPE B (1 L4.12)
- WR — WASTE RECEPTACLE (3 L4.12)
- HB — HOSE BIB (6 L4.09)
- BR-C — BIKE RACK (7 L4.12)
- BBQ — BBQ GRILL (9 L4.12)

GENERAL SYMBOLS & ABBREVIATIONS

- POINT OF BEGINNING
- CENTERLINE
- PROPERTY LINE
- PENDING LOT LINE ADJUSTMENT
- PROPERTY LINE SETBACKS
- CONTOUR LINE - 1'
- CONTOUR LINE - 3"
- EXPANSION JOINT
- CONTROL JOINT
- ACCESSIBLE PATH OF TRAVEL
- DETAIL CALLOUT (- / ---)

EQ.	EQUAL		
(E)	EXISTING		
O.C.	ON CENTER		
MAX.	MAXIMUM		
MIN.	MINIMUM		
S.C.D.	SEE CIVIL DRAWINGS		
S.E.D.	SEE ELECTRICAL DRAWINGS		
TYP.	TYPICAL		

TREE LEGEND

- PROPOSED TREE
- EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

0 5 10 15 25ft

N

LANDSCAPE GENERAL NOTES

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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT RUTH — No. 6065 — DEC. 31, 2026 Renewal Date — FEB. 19 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

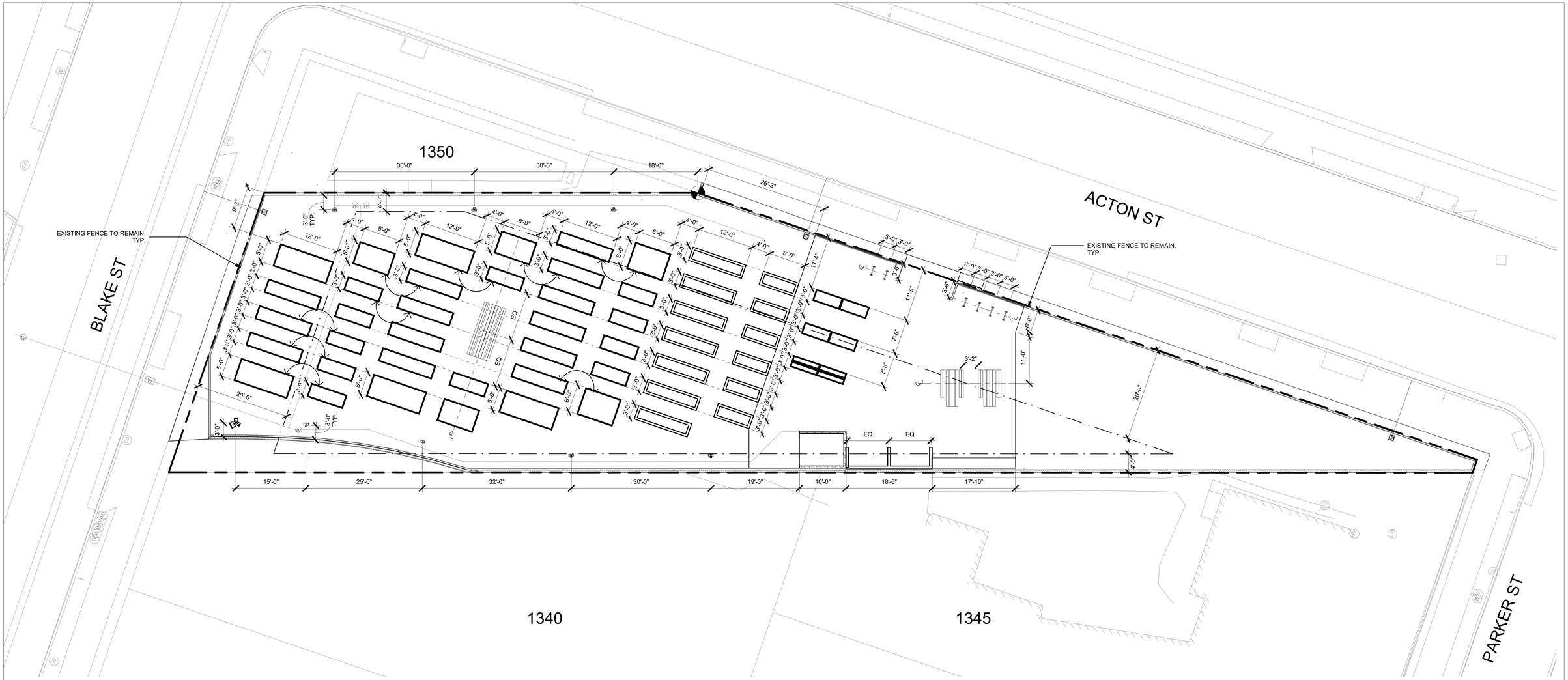
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

SHEET TITLE: **MATERIALS PLAN - DERBY TO WARD**

SHEET NUMBER: **L1.04**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



GENERAL SYMBOLS & ABBREVIATIONS

POINT OF BEGINNING	
CENTERLINE	
PROPERTY LINE	
PENDING LOT LINE ADJUSTMENT	
PROPERTY LINE SETBACKS	
CONTOUR LINE - 1'	
CONTOUR LINE - 3"	
EXPANSION JOINT	
CONTROL JOINT	
ACCESSIBLE PATH OF TRAVEL	
DETAIL CALLOUT	

EQ.	EQUAL
(E)	EXISTING
O.C.	ON CENTER
MAX.	MAXIMUM
MIN.	MINIMUM
S.C.D.	SEE CIVIL DRAWINGS
S.E.D.	SEE ELECTRICAL DRAWINGS
TYP.	TYPICAL

LANDSCAPE LAYOUT NOTES

1. LAYOUT PLANS ASSUME THAT PRIMARY FIELD LAYOUT WILL BE COMPLETED USING LANDSCAPE ARCHITECT'S CAD FILES, AND THAT DIMENSIONS SHOWN IN PLAN ARE FOR REFERENCE ONLY.
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4. LANDSCAPE ARCHITECT TO APPROVE LAYOUT IN THE FIELD PRIOR TO INSTALLATION OF FORMS OR GRADING FOR LANDSCAPE WORK.

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MORAN — Signature — DEC 31, 2026 Renewal Date — FEB 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
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ELECTRICAL ENGINEER:
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SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

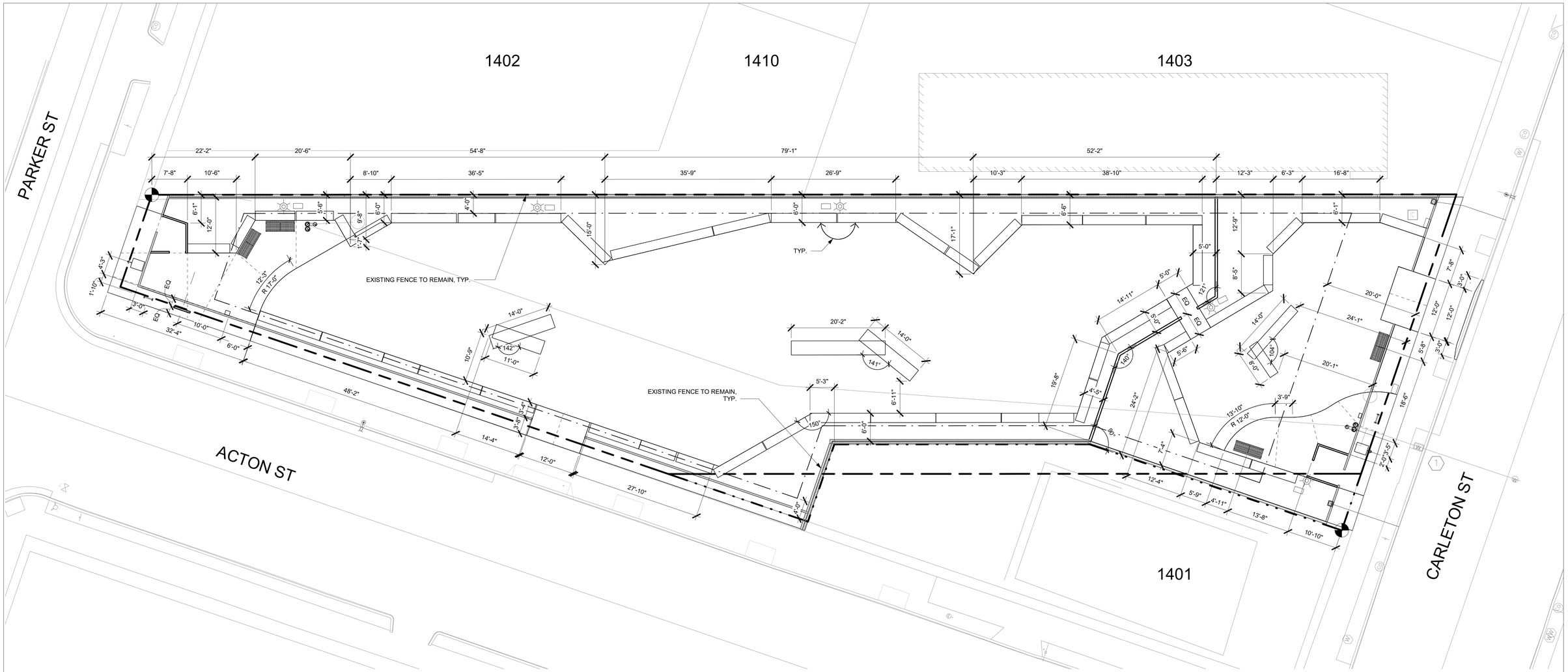
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

SHEET TITLE: **LAYOUT PLAN - BLAKE TO PARKER**

SHEET NUMBER: **L2.01**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



GENERAL SYMBOLS & ABBREVIATIONS

	POINT OF BEGINNING	EQ.	EQUAL
	CENTERLINE	(E)	EXISTING
	PROPERTY LINE	O.C.	ON CENTER
	PENDING LOT LINE ADJUSTMENT	MAX.	MAXIMUM
	PROPERTY LINE SETBACKS	MIN.	MINIMUM
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	EXPANSION JOINT	TYP.	TYPICAL
	CONTROL JOINT		
	ACCESSIBLE PATH OF TRAVEL		
	DETAIL CALLOUT		

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STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — DEC. 31, 2026 Renewal Date — FEB. 19 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin[illegible]ancing** (Berkeley, CA)

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

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SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

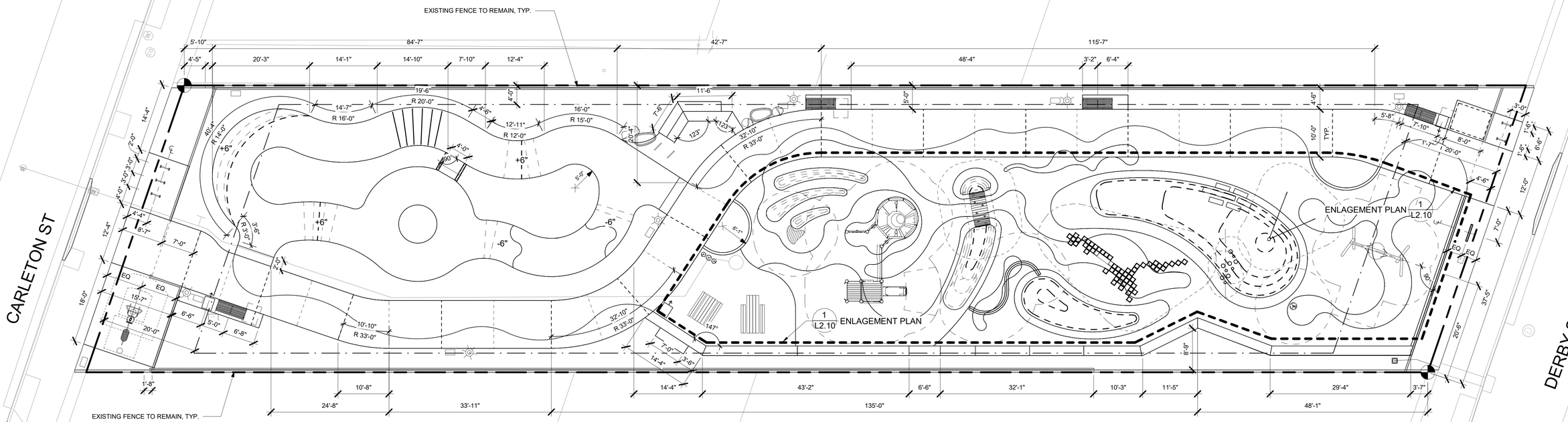
SHEET TITLE: **LAYOUT PLAN - PARKER TO CARLETON**

SHEET NUMBER: **L2.02**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

1402 1400 1419

2629 2633 1409



GENERAL SYMBOLS & ABBREVIATIONS

	POINT OF BEGINNING	EQ.	EQUAL
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	DETAIL CALLOUT		

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0 5 10 15 25ft

N

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BERKELEY, CA 94710
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STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — No. 6132 — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
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SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

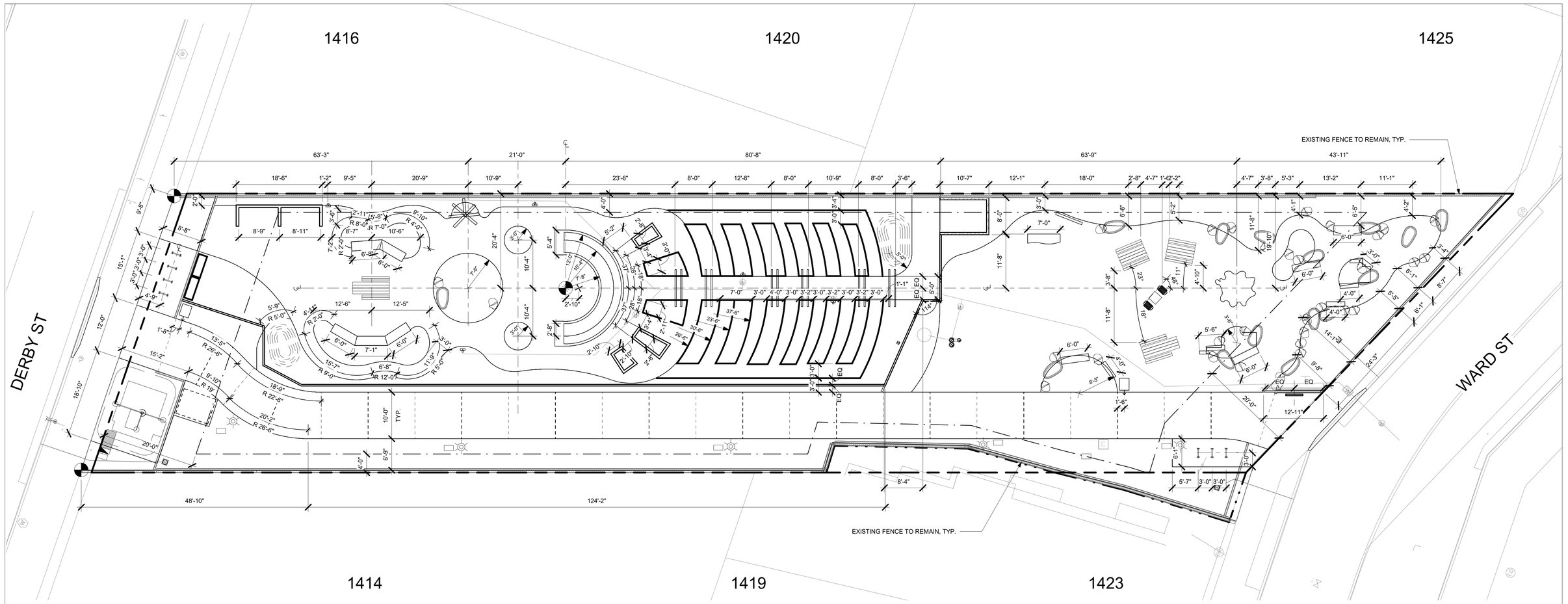
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **LAYOUT PLAN - CARLETON TO DERBY**

SHEET NUMBER: **L2.03**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



GENERAL SYMBOLS & ABBREVIATIONS

	POINT OF BEGINNING	EQ.	EQUAL
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	PROPERTY LINE	O.C.	ON CENTER
	PENDING LOT LINE ADJUSTMENT	MAX.	MAXIMUM
	PROPERTY LINE SETBACKS	MIN.	MINIMUM
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	CONTROL JOINT		
	ACCESSIBLE PATH OF TRAVEL		
	DETAIL CALLOUT		

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LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT MAYER
Expiration
DEC 31, 2026
Renewal Date
FEB 19, 2025
Date
STATE OF CALIFORNIA
STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA**ncing**
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
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CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
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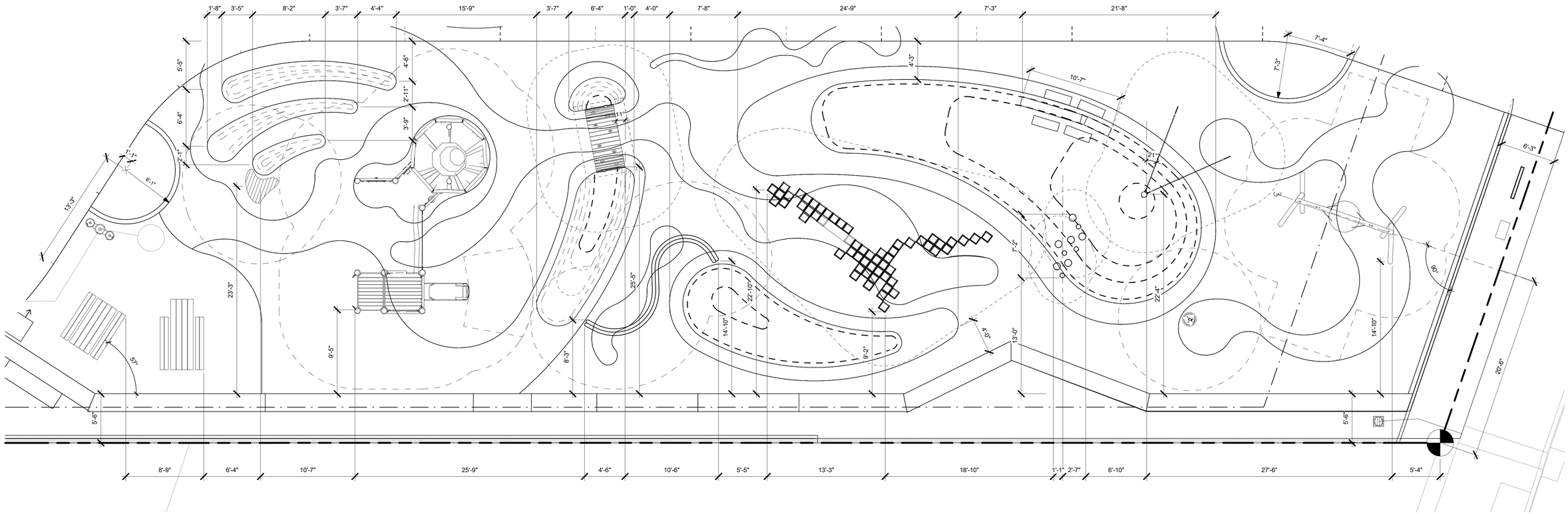
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

LAYOUT PLAN - DERBY TO WARD
SHEET TITLE:

L2.04
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



1 L2.10 LAYOUT PLAN - ENLARGEMENT PLAN AT PLAY AREA
3/16" = 1'-0"

GENERAL SYMBOLS & ABBREVIATIONS

	POINT OF BEGINNING	EQ.	EQUAL
℄	CENTERLINE	(E)	EXISTING
	PROPERTY LINE	O.C.	ON CENTER
	PENDING LOT LINE ADJUSTMENT	MAX.	MAXIMUM
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PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
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REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **LAYOUT PLAN - ENLARGEMENT AT PLAY AREA**

SHEET NUMBER: **L2.10**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

TREE LIST

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	SPACING	WATER USE	DROUGHT TOLERANT
CEAR	6	CEANOTHUS ARBOREUS	TREE CEANOTHUS	24" BOX	AS SHOWN	LOW	Yes
CEOC	6	CERCIS OCCIDENTALIS - MULTI	MULTI-TRUNK WESTERN REDBUD	24" BOX	AS SHOWN	VERY LOW	Yes
CHLI	8	CHILOPSIS LINEARIS 'ART'S SEEDLESS' - MULTI	MULTI-TRUNK DESERT WILLOW	24" BOX	AS SHOWN	VERY LOW	Yes
CIBS	1	CITRUS X BEARSS SEEDLESS	BEARSS SEEDLESS SEMIDWARF LIME	24" BOX	AS SHOWN	MODERATE	No
CITR	1	CITRUS X TROVITA SWEET ORANGE	TROVITA SWEET SEMI DWARF ORANGE	24" BOX	AS SHOWN	MODERATE	No
FICA	1	FICUS CARICA 'BLACK MISSION'	BLACK MISSION FIG	24" BOX	AS SHOWN	MODERATE	No
HEAR	9	HETEROMELES ARBUTIFOLIA	TOYON	24" BOX	AS SHOWN	LOW	Yes
MADG	1	MALUS 'DORSETT GOLDEN'	DORSETT GOLDEN APPLE	24" BOX	AS SHOWN	MODERATE	No
PLRA	9	PLATANUS RACEMOSA 'ROBERTS'	WESTERN SYCAMORE 'ROBERTS'	36" BOX	AS SHOWN	LOW	Yes
PRMR	1	PRUNUS AVIUM 'MINNIE ROYAL'	MINNIE ROYAL CHERRY	24" BOX	AS SHOWN	MODERATE	No
PRRL	1	PRUNUS AVIUM 'ROYAL LEE'	ROYAL LEE CHERRY	24" BOX	AS SHOWN	MODERATE	No
PRCH	1	PRUNUS X 'CONSTANT HARVEST'	CONSTANT HARVEST PLUOT	24" BOX	AS SHOWN	MODERATE	No
QUGR	3	QUERCUS GRAVESII	CHISOS RED OAK	36" BOX	AS SHOWN	LOW	Yes
QUTO	4	QUERCUS TOMENTELLA	ISLAND OAK	24" BOX	AS SHOWN	LOW	Yes
SANI	1	SAMBUCUS NIGRA	BLACK ELDERBERRY	24" BOX	AS SHOWN	MODERATE	No

PLANT LIST

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	SPACING	WATER USE	DROUGHT TOLERANT
SHRUB							
AG	35	ARCTOSTAPHYLOS X 'AUSTIN GRIFFITHS'	AUSTIN GRIFFITHS MANZANITA	15 GAL	7'-0"	LOW	Yes
CA	26	CEANOTHUS ARBOREUS	TREE CEANOTHUS	5 GAL	6'-0"	LOW	Yes
DH	19	DENDROMECON HARFORDII	ISLAND BUSH POPPY	5 GAL	5'-0"	LOW	Yes
HT	28	HETEROMELES ARBUTIFOLIA	TOYON	15 GAL	7'-0"	LOW	Yes
RE	24	RHAMNUS CALIFORNICUS 'EVE CASE'	EVE CASE COFFEEBERRY	15 GAL	5'-0"	LOW	Yes
RH	24	RHUS INTEGRIFOLIA	LEMONADE BERRY	5 GAL	6'-0"	LOW	Yes
RS	11	RIBES SANGUINEUM 'CLAREMONT'	FLOWERING CURRANT	15 GAL	6'-0"	LOW	Yes
RV	23	RIBES VIBURNIFOLIUM	EVERGREEN CURRANT	5 GAL	4'-0"	LOW	No
RC	21	ROSA CALIFORNICA	CALIFORNIA WILD ROSE	5 GAL	5'-0"	LOW	Yes
SC	19	SALVIA CLEVELANDII 'WINNIFRED GILLMAN'	CLEVELAND SAGE	5 GAL	4'-0"	LOW	Yes
SM	8	SALVIA MELIFERA	BLACK SAGE	5 GAL	5'-0"	LOW	Yes
PERENNIAL							
Y	59	ACHILLEA MILLEFOLIUM	YARROW	1 GAL	2'-0"	LOW	Yes
M	26	ASCLEPIAS FASICULATUS	MILKWEED	1 GAL	1'-6"	LOW	Yes
p	82	ESCHSCHOLZIA CALIFORNICA	CALIFORNIA POPPY	1 GAL	1'-6"	LOW	Yes
ID	22	IRIS DOUGLASIANA	DOUGLAS IRIS	1 GAL	2'-6"	LOW	Yes
S	29	SCROPHULARIA CALIFORNICA	CALIFORNIA FIGWORT	1 GAL	2'-0"	LOW	No
GROUNDCOVER							
AM	45	ARCTOSTAPHYLOS HOOKERI 'MONTEREY CARPET'	MONTEREY CARPET MANZANITA	5 GAL	4'-0"	LOW	Yes
CB	37	CEANOTHUS GLORIOSUS 'ANCHOR BAY'	ANCHOR BAY CEANOTHUS	5 GAL	5'-0"	LOW	Yes
EP	28	EPILOBIUM CANUM 'CATALINA'	CALIFORNIA FUCHSIA	1 GAL	2'-6"	LOW	Yes
SD	20	SALVIA 'DARA'S CHOICE'	NCN	1 GAL	4'-0"	LOW	Yes
SS	35	SALVIA SPATHACEA	HUMMINGBIRD SAGE	1 GAL	2'-6"	LOW	Yes
SB	22	STACHYS BULLATA	HEDGE NETTLE	1 GAL	2'-6"	LOW	Yes
GRASS							
C	70	CAREX DIVULSA	BERKELEY SEDGE	1 GAL	2'-0"	LOW	Yes
D	69	DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS	1 GAL	2'-0"	LOW	No
F	93	FESTUCA CALIFORNICA	CALIFORNIA FESCUE	1 GAL	2'-0"	LOW	Yes
G	50	FESTUCA GLAUCA	BLUE FESCUE	1 GAL	1'-6"	LOW	Yes
I	37	FESTUCA IDAHOENSIS	IDAHO FESCUE	1 GAL	2'-0"	VERY LOW	Yes
MR	78	MUHLENBERGIA RIGENS	DEERGRASS	1 GAL	3'-0"	LOW	Yes

PLANTING NOTES

1. VERIFY LOCATION OF SUBSURFACE UTILITIES, PIPES AND STRUCTURES. SHOULD UTILITIES OR OTHER WORK NOT SHOWN ON THE PLANS BE FOUND DURING EXCAVATIONS, PROMPTLY NOTIFY OWNER'S REPRESENTATIVE. FAILURE TO DO SO WILL MAKE CONTRACTOR LIABLE FOR DAMAGE ARISING FROM THEIR OPERATIONS SUBSEQUENT TO DISCOVERY OF UTILITIES NOT SHOWN ON PLANS.
2. KEEP PLANTING CLEAN AND FREE FROM ALL CONCRETE, ASPHALTIC WASTE, LUMBER AND OTHER SUCH MATERIALS AND SHOULD BE REMOVED BY EXCAVATION OF THE SOIL AND REPLACED WITH CLEAN NATIVE TOP SOIL.
3. CLEAR AND GRUB ALL AREAS TO RECEIVE NEW PLANTING AND PREPARE SOIL PER SPECIFICATION.
4. DO NOT WORK SOIL WHEN WET TO AVOID COMPACTION.
5. NO PLANT SPECIES SUBSTITUTIONS WILL BE ACCEPTED, UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. SAME GENUS DIFFERENT SPECIES SUBSTITUTIONS ARE ACCEPTABLE PROVIDED THE VARIETY IS SIMILAR IN GROWTH HABIT AND SIZE TO THE SPECIFIED PLANT AND WATER USE IS THE SAME. EXAMPLE: ESCALLONIA 'TERRI' COULD SUB FOR 'RED ELF.' RHAPHIOLEPSIS CAN NOT SUBSTITUTE FOR ESCALLONIA AS THEY HAVE DIFFERENT WATER USE REQUIREMENTS. CERTIFICATES OF COMPLIANCE WILL NOT BE COMPLETED FOR PROJECTS WHICH EXCEED THE WATER USE OF SPECIFIED PLANT MATERIALS UNTIL CONFORMANCE WITH THE WATER EFFICIENT LANDSCAPE REQUIREMENTS IS ACHIEVED.
6. ALL PLANTS AND LAYOUT TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATION OF PLANTING HOLES.
7. NOTIFY OWNER'S REPRESENTATIVE 36 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT OBSERVATION MEETINGS.
8. PROTECT EXISTING TREES TO REMAIN PER TREE PRESERVATION AND REMOVAL PLAN.
9. PLANT QUANTITIES ARE FOR INFORMATIONAL PURPOSES AND CONSTRUCTION DOCUMENT WATER USE CALCULATIONS ONLY, CONTRACTER TO VERIFY THE QUANTITY AND USE THE GRAPHIC PLANS AS A BASIS FOR QUANTITY OF PLANTS.
10. SEE DETAILS AND SPECIFICATIONS FOR PROCEDURES, MATERIALS AND INSTALLATION REQUIREMENTS.
11. PROVIDE SOILS REPORTS FOR ALL IMPORTED SOILS, PER SPECIFICATIONS AND WELO CONFORMANCE. SUBMIT REPORTS TO OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL.
12. KEEP ADJACENT STREETS, SIDEWALKS AND OTHER AREAS FREE OF MUD, DIRT OR SIMILAR NUISANCES RESULTING FROM EARTHWORK OPERATIONS.
13. REPLACE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE ANY DAMAGED OR DESTROYED LANDSCAPING.
14. FOR BEST RESULTS, NATIVE PLANT MATERIALS SHOULD NOT HAVE THEIR ROOTS DISTURBED. FOR PLASTIC CANS, REMOVE BOTTOM OF CAN, PLACE IN PLANT PIT AND CUT SIDES TO REMOVE. CUT METAL CANS IN THREE PLACES MINIMUM AND CAREFULLY SLIDE ROOT BALL INTO PLANT PIT, FOR LARGE MATERIAL, USE BOTTOM SUPPORT AS NECESSARY.

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

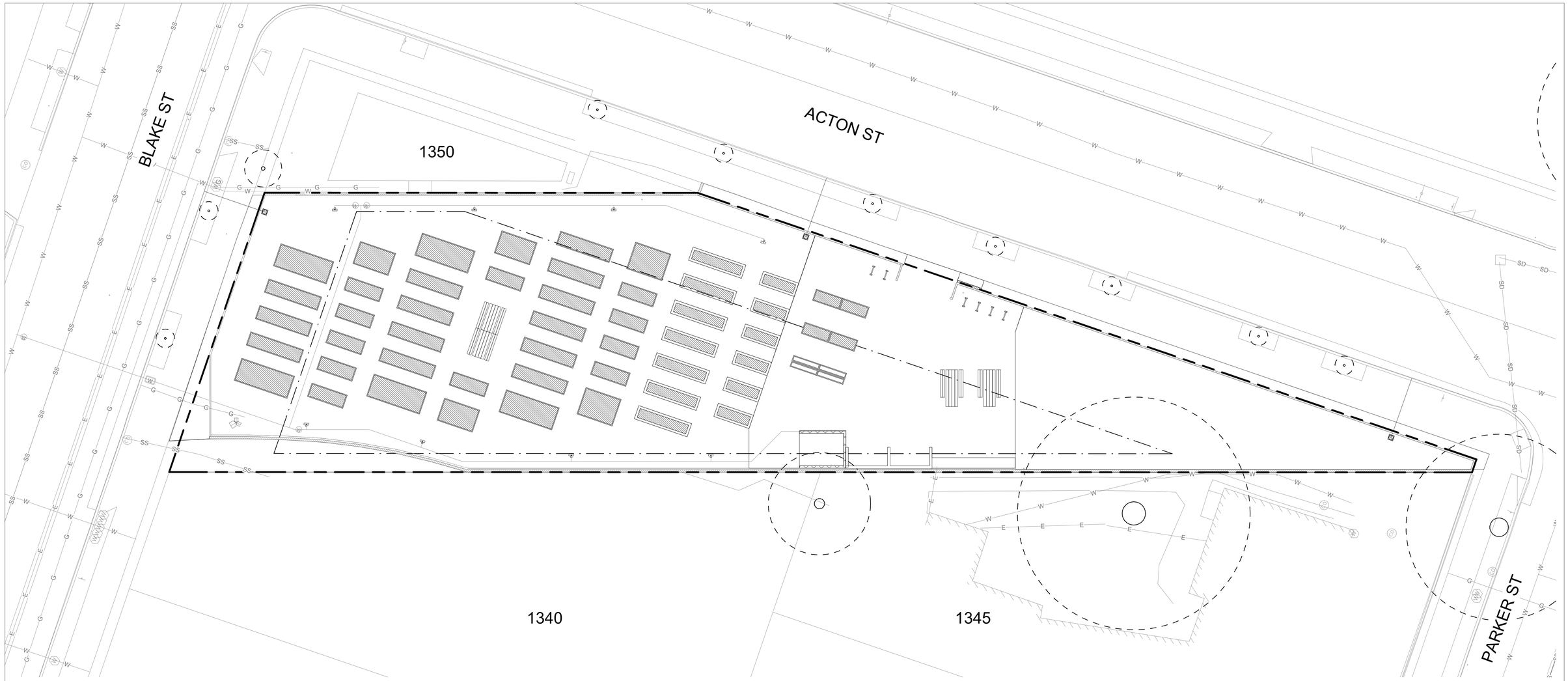
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

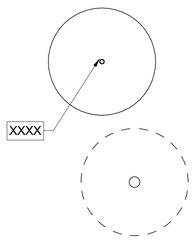
SHEET TITLE: **PLANTING NOTES & SCHEDULE**

SHEET NUMBER: **L3.00**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



PLANT LEGEND



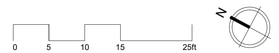
PROPOSED TREE AND SPECIES ABBREVIATION, SEE PLANT LIST FOR SPECIES

EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

XX XX — SHRUB OR GROUNDCOVER, SEE PLANT LIST FOR SPECIES

PLANTING SOIL MIX, SEE SPECS

NATIVE MOW FREE SOD, SEE SPECS



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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT RIVERA — DEC 31, 2026 — PROFESSIONAL SEAL — FEB. 19, 2026 — Date — STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing

PROJECT:

PRWPK2102

PROJECT NUMBER:

City of Berkeley

2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

CONSULTANTS:

SPEC NO. 26-11757-C

PLAN NO. 8288

FILE NO. 406-222

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	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET

ISSUE:

4/1/26

DATE:

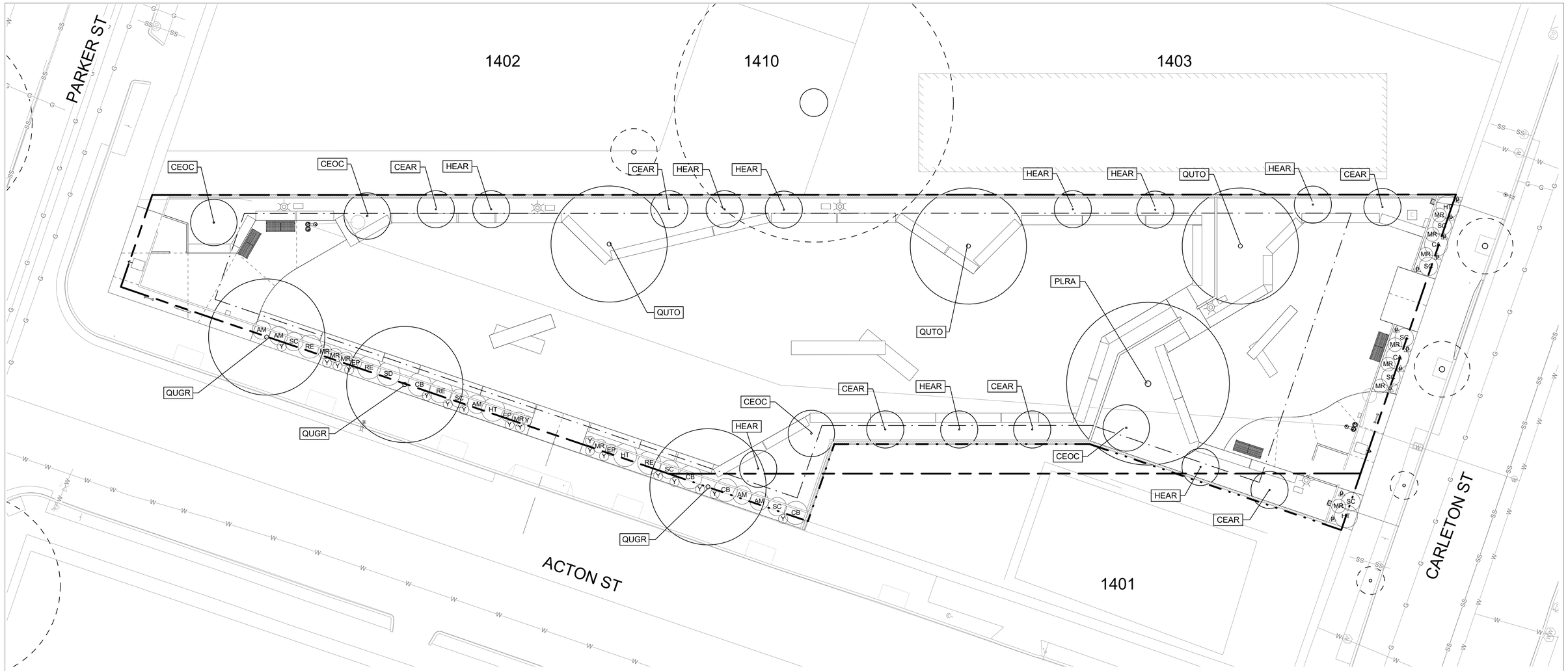
PLANTING PLAN - BLAKE TO PARKER

SHEET TITLE:

L3.01

SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



PLANT LEGEND

PROPOSED TREE AND SPECIES ABBREVIATION, SEE PLANT LIST FOR SPECIES

XXXX

EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

XX XX XX

SHRUB OR GROUNDCOVER, SEE PLANT LIST FOR SPECIES

PLANTING SOIL MIX, SEE SPECS

NATIVE MOW FREE SOD, SEE SPECS

0 5 10 15 25ft

N

M I G | PGA

800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MOTT — Date Signed DEC. 31, 2026 — Renewal Date FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:

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2548 MISSION ST
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SPEC NO. 26-11757-C

PLAN NO. 8288

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	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET

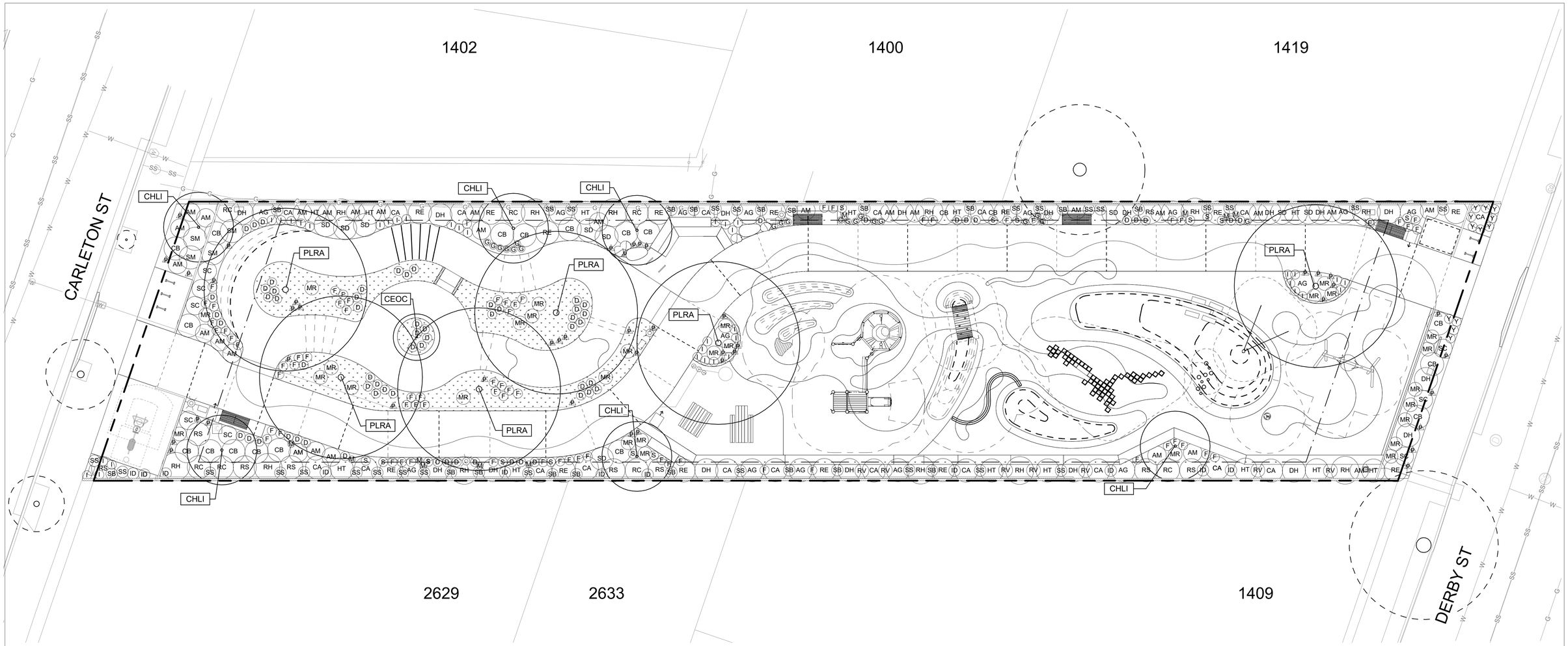
ISSUE: **4/1/26**

DATE:

SHEET TITLE: **PLANTING PLAN - PARKER TO CARLETON**

SHEET NUMBER: **L3.02**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



PLANT LEGEND

PROPOSED TREE AND SPECIES ABBREVIATION, SEE PLANT LIST FOR SPECIES

XXXX

EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

XX XX XX

SHRUB OR GROUNDCOVER, SEE PLANT LIST FOR SPECIES

PLANTING SOIL MIX, SEE SPECS

NATIVE MOW FREE SOD, SEE SPECS

0 5 10 15 25ft

N

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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MARTIN — Registered — DEC 31, 2026 — Renewal Date — FEB 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
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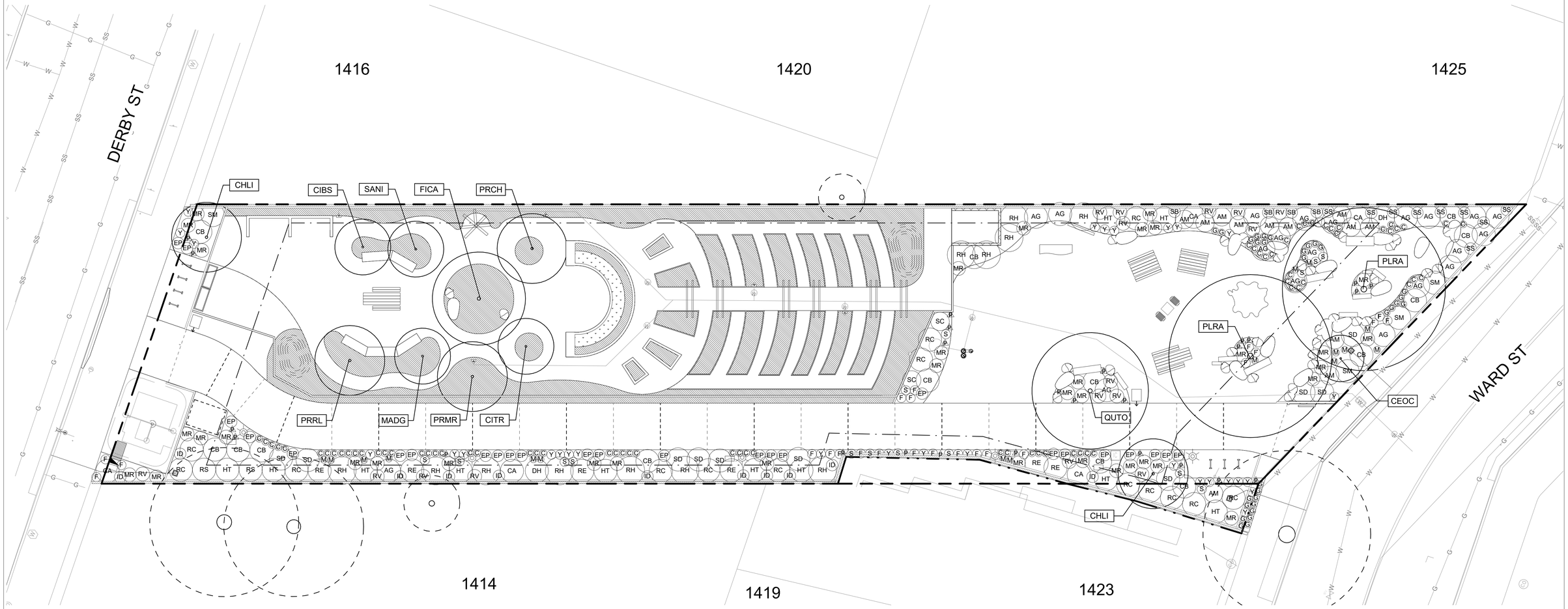
BID SET
ISSUE:
4/1/26
DATE:

SHEET TITLE: **PLANTING PLAN - CARLETON TO DERBY**

SHEET NUMBER: **L3.03**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



PLANT LEGEND

XXXX

PROPOSED TREE AND SPECIES ABBREVIATION, SEE PLANT LIST FOR SPECIES

EXISTING TREE TO REMAIN, SEE TREE PRESERVATION PLAN

XX XX

SHRUB OR GROUNDCOVER, SEE PLANT LIST FOR SPECIES

PLANTING SOIL MIX, SEE SPECS

NATIVE MOW FREE SOD, SEE SPECS

0 5 10 15 25ft

N

MIG | PGA

800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT AUSTIN
No. 6065
Renewal Date
DEC. 31, 2026
FEB. 19, 2025
Date
STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing

PROJECT:

PRWPK2102

PROJECT NUMBER:

City of Berkeley

2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

CONSULTANTS:

SPEC NO. 26-11757-C

PLAN NO. 8288

FILE NO. 406-222

REVISION		
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	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET

ISSUE:

4/1/26

DATE:

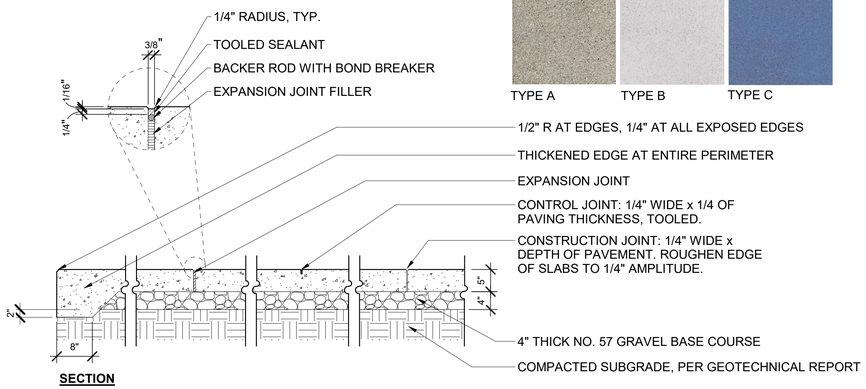
PLANTING PLAN - DERBY TO WARD

SHEET TITLE:

L3.04

SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

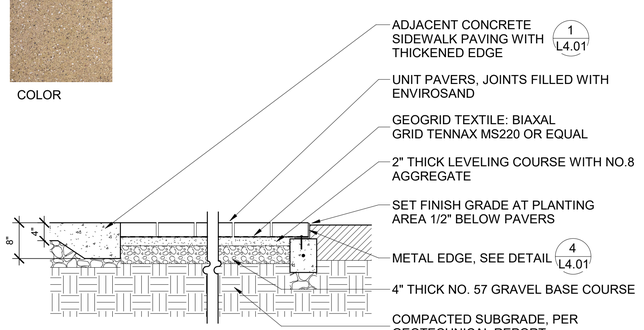


SECTION

NOTES:
1. INSTALL EXPANSION JOINT IN PAVING AS SHOWN AND WHERE PAVING ABUTS WALLS, BUILDINGS, AND STAIRS.
2. CAULK/SEALANT TO MATCH COLOR OF ADJACENT PAVING, TOOL THE SEALANT.
3. CONCRETE FINISHES
   A. TYPE A: PLAIN GRAY WITH LITHOCAST SURFACE RETARDER 03 MEDIUM ACID WASH FINISH
   B. TYPE B: EMERCHROME SC COLOR HARDER - ASH WHITE, WITH LITHOCAST SURFACE RETARDER 03 MEDIUM ACID WASH FINISH
   C. TYPE C: EMERCHROME SC COLOR HARDER - DENIM BLUE, WITH LITHOCAST SURFACE RETARDER 03 MEDIUM ACID WASH FINISH
4. FINISH MANUFACTURER: SIKA, WEBSITE: HTTPS://USA.SIKA.COM; TELEPHONE: 201-933-8800.
5. PROVIDE MOCKUP OF COLOR AND FINISH FOR APPROVAL

1 L4.01 CONCRETE PAVING
3/4" = 1'-0"

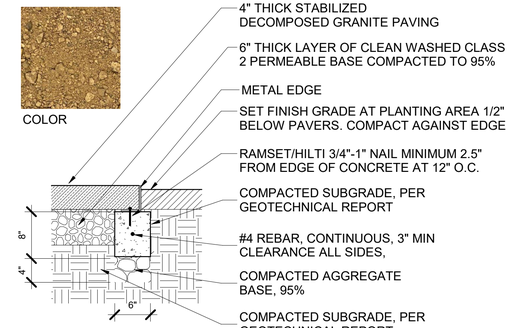
COLOR



NOTES:
1. WHERE A BRICK PAVER LESS THAN 30% OF A FULLSIZE BRICK WOULD BE REQUIRED TO END A LINE OF BRICKS IN THE HERRINGBONE PATTERN, PUT THE END TWO BRICKS IN THE LINE WITH NEITHER BRICK BEING LESS THAN 30%. END WITH A FULL SIZE UNCUT PAVER AT ENTIRE PERIMETER WHERE POSSIBLE.
2. CONCRETE UNIT PAVERS: H-SERIES; SIZE: 4" x 8"; MANUFACTUR: WAUSAU, WWW.WAUSAU.COM
   A. COLOR B: HRL-20

2 L4.01 PERMEABLE PAVERS
3/4" = 1'-0"

COLOR



NOTES:
1. STABILIZED DECOMPOSED GRANITE:
   A. ORGANIC-LOCK, COLOR: CALIFORNIA GOLD, PHONE, 1-866-636-8476, WEB: www.organic-lock.com
2. METAL EDGE NOT REQUIRED AT RAISED BEDS OR CONCRETE PAVING.
3. METAL EDGE: ASPHALT EDGE ALUMINUM ASPHALT RESTRAINT 3" x 3"; COLOR: BLACK. MANUFACTURED BY PERMALOC CORPORATION, PHONE 800-356-9660; WEB: www.permaloc.com.

3 L4.01 STABILIZED DECOMPOSED GRANITE PAVING
1" = 1'-0"

SECTION

PLAN, AT IRREGULAR BOULDER, LOG OR CURVED EDGE

NOTES:
1. METAL EDGE: ASPHALT EDGE ALUMINUM ASPHALT RESTRAINT 3" x 3"; COLOR: BLACK.
2. MANUFACTURED BY PERMALOC CORPORATION, PHONE 800-356-9660; WEB: www.permaloc.com.

4 L4.01 METAL EDGE AT PERMEABLE CONCRETE PAVERS
1" = 1'-0"

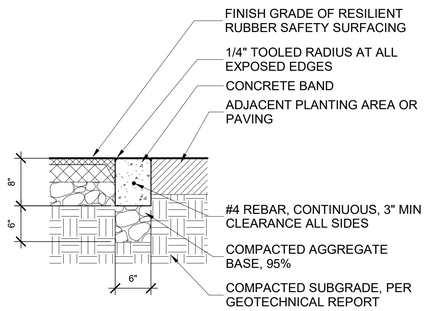
SECTION AT SLOPES 2% OR LESS

SECTION AT MOUND

BEVEL CUT FOR WEAR LAYER AT INTERFACE BETWEEN TWO COLORS

NOTES:
1. SAFETY SURFACE CUSION LAYER DEPTH TO BE DETERMINED BY FALL HEIGHT OF ADJACENT PLAY EQUIPMENT AND VERIFIED IN FIELD BY CONTRACTOR.
2. PLAY EQUIPMENT FOOTINGS TO BE SET AT NECESSARY DEPTH TO ACHIEVE FULL COVER OF SAFETY SURFACING.
3. POURED IN PLACE RESILIENT RUBBER SURFACING: SPECTRATURF; MANUFACTURED BY: SPECTRATURF, WWW.SPECTRATURF.COM, (800) 875-5788 OR APPROVED EQUIVALENT; COLOR:
   A. COLOR A: 40% SKY BLUE, 20% AQUAMARINE, 20% COBALT BLUE, 20% COCONUT CREAM
   B. COLOR B: 25% SKY BLUE, 25% AQUAMARINE, 25% PAMPAS IVORY, 20% COCONUT CREAM
   C. COLOR C: 25% SANDSTONE BEIGE, 25% PAMPAS IVORY, 25% HONEY GOLD, 25% COCONUT CREAM
   D. COLOR D: 40% SHAMROCK GREEN, 40% IVY GREEN, 20% PAMPAS IVORY

7 L4.01 RESILIENT RUBBER SURFACING
1" = 1'-0"



NOTES:
1. CONCRETE COLOR: PLAIN GRAY
2. FINISH: LIGHT BROOM ALL EXPOSED SIDES

5 L4.01 CONCRETE BAND
1" = 1'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT MANN
Registration
DEC. 31, 2026
Renewal Date
FEB. 19, 2025
Date
STATE OF CALIFORNIA
STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA**ncing**
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
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CONSULTANTS:

SPEC NO. 26-11757-C
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REVISION

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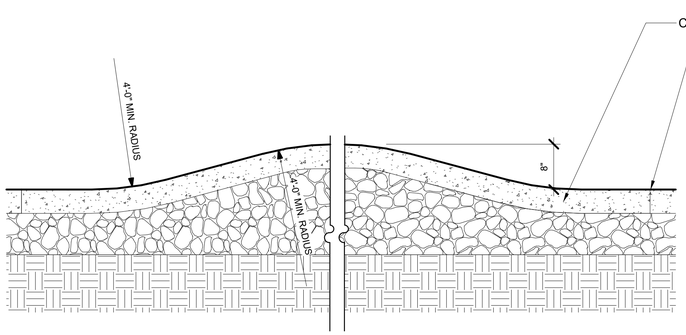
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

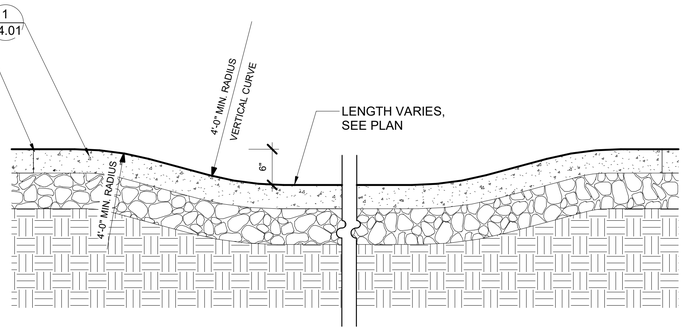
DETAILS - PAVING AND WALL
SHEET TITLE:

L4.01
SHEET NUMBER:

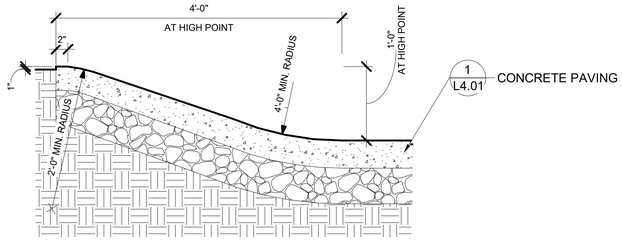
PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



SECTION AT BUMP

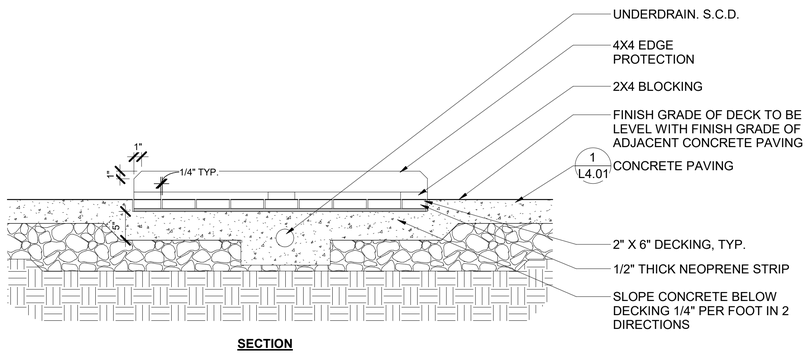


SECTION AT DIP

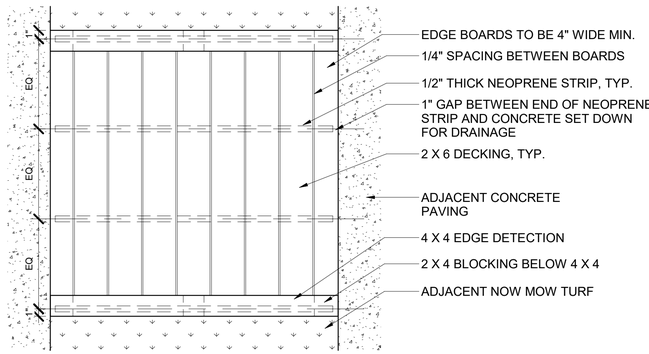


SECTION AT BANKED TURN

1 L4.02 SCOOTER TRACK - BUMP, DIP AND BANKED TURN
1" = 1'-0"

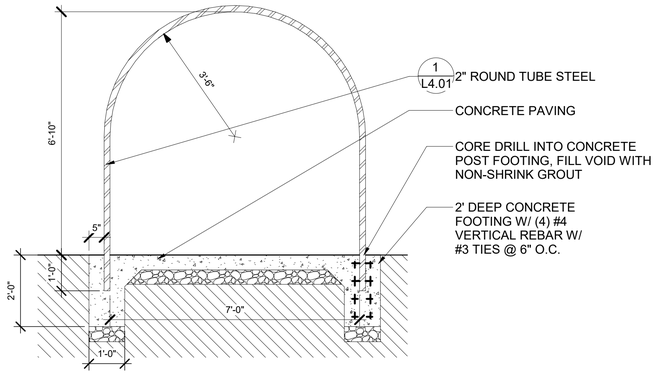


SECTION



PLAN

2 L4.02 SCOOTER TRACK - WOOD BRIDGE
1" = 1'-0"



NOTES:
1. FINISH: POWDERCOAT; COLOR: (1 EACH) RUBY RED, TANGERINE ORANGE, LEMON YELLOW, SPEARMINT GREEN, TRUE BLUE, PURPLE RAIN
2. SUBMIT SHOP DRAWINGS FOR APPROVAL

3 L4.02 SCOOTER TRACK - PIPE TUNNEL
1/2" = 1'-0"

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin[Berkeley, CA]ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
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CONSULTANTS:

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SPEC NO. 26-11757-C
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REVISION		
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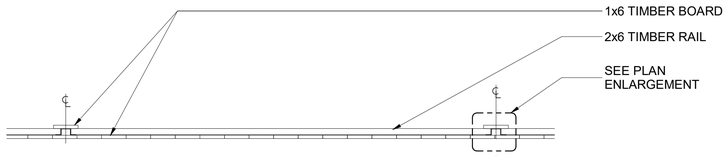
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

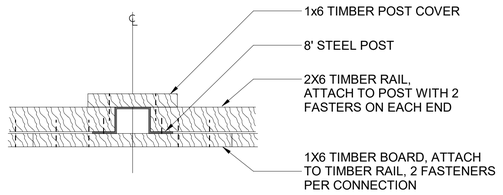
SHEET TITLE: **DETAILS - SCOOTER TRACK**

SHEET NUMBER: **L4.02**

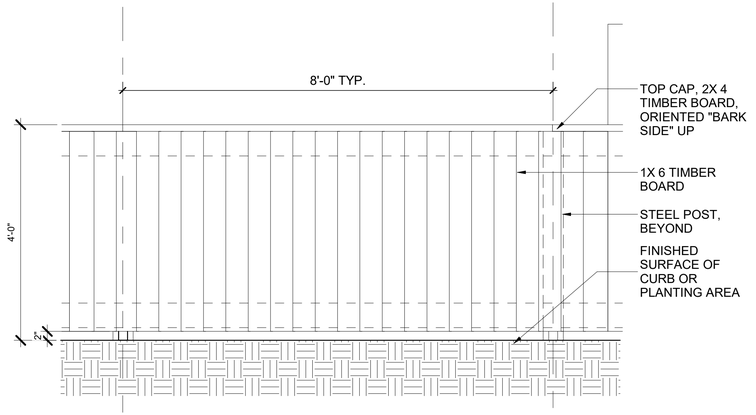
PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



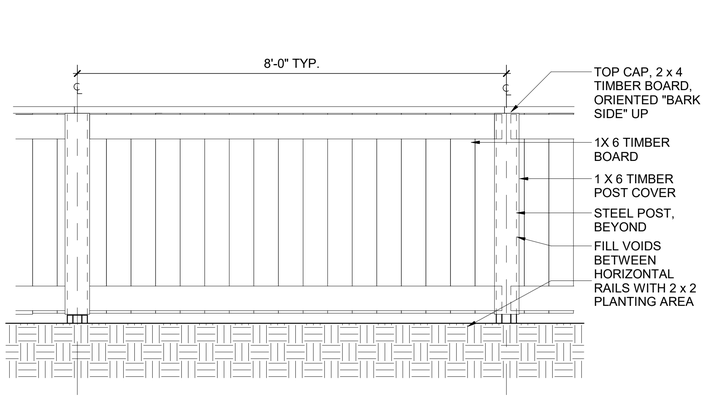
PLAN



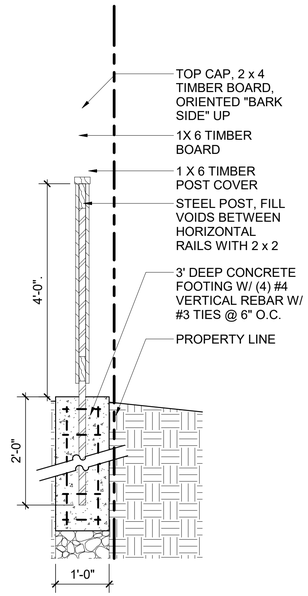
PLAN ENLARGEMENT
3" = 1'-0"



ELEVATION FACING PARK



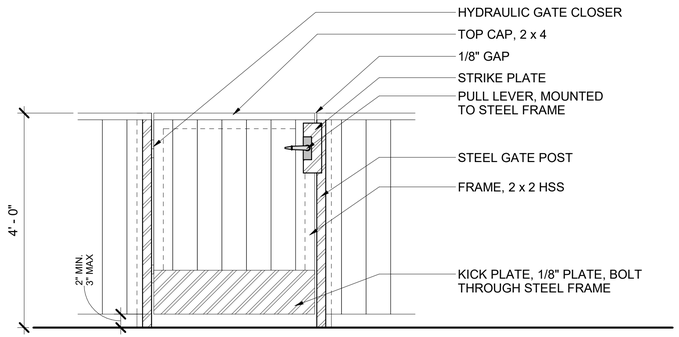
ELEVATION FACING NEIGHBORS



SECTION AT POST IN FOOTING

NOTES:
1. POSTS TO BE METAL FENCE POST AS MANUFACTURED BY MASTER HALCO, POST MASTER LINE AND CORNER POSTS, WEBSITE: WWW.MASTERHALCO.COM/POSTMASTER-PLUS
2. TIMBER TO BE: CON HEART REDWOOD, DIMENSIONS LISTED ARE NOMINAL.
3. ALL FASTENERS TO BE ZINC COATED
4. APPLY ANTI-GRAFITTI COATING TO ALL WOOD MEMBERS. ANTI-GRAFFITI COATING TO BE MICRO-SEAL WITH GRAFFITI CONTROL MANUFACTURED BY RAIN GUARD OR APPROVED EQUIVALENT
5. ALL FENCING AND FOOTINGS TO BE ENTIRELY ON CITY PROPERTY.

1 / L4.03 4' WOOD FENCE
3/4" = 1'-0"



NOTES:
1. HYDRAULIC GATE CLOSER AND HINGE: LOCINOX: P00009344 - MAMMOTH180
2. OPERABLE PARTS OF DOOR AND GATE HARDWARE ARE CENTERED BETWEEN 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 11B-404.2.7
3. SUBMIT SHOP DRAWINGS & CORRELATING FIELD MEASUREMENTS FOR REVIEW AND ACCEPTANCE, DOCUMENTING ANY STEP DOWNS. TOP OF FENCE TO BE LEVEL AND STEP DOWN AS NEEDED.
4. APPLY ANTI-GRAFITTI COATING TO ALL WOOD MEMBERS. ANTI-GRAFFITI COATING TO BE MICRO-SEAL WITH GRAFFITI CONTROL MANUFACTURED BY RAIN GUARD OR APPROVED EQUIVALENT

2 / L4.03 WOOD GATE- 4'
3/4" = 1'-0"

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — No. 6559 — DEC 31, 2026 Renewal Date — FEB 19 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

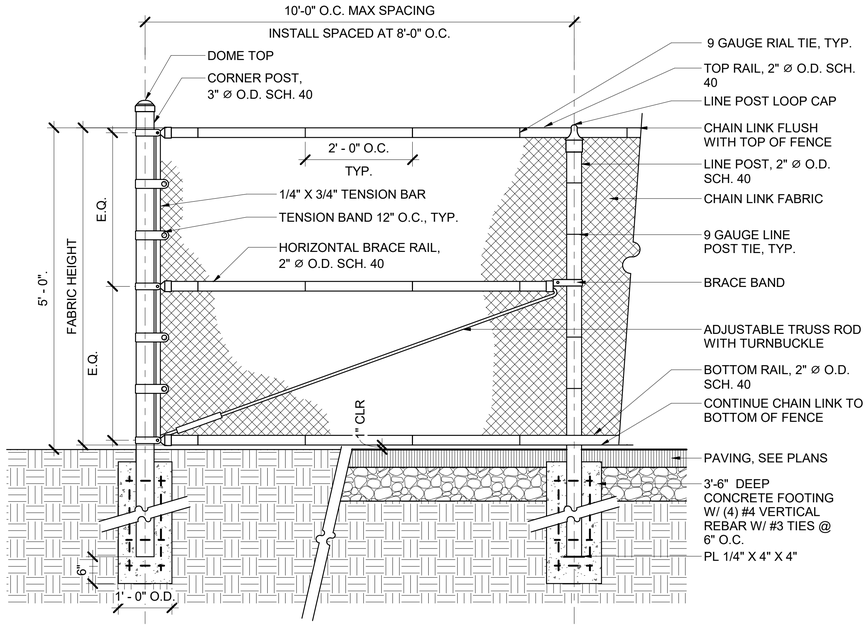
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **DETAILS - WOOD FENCE AND GATE**

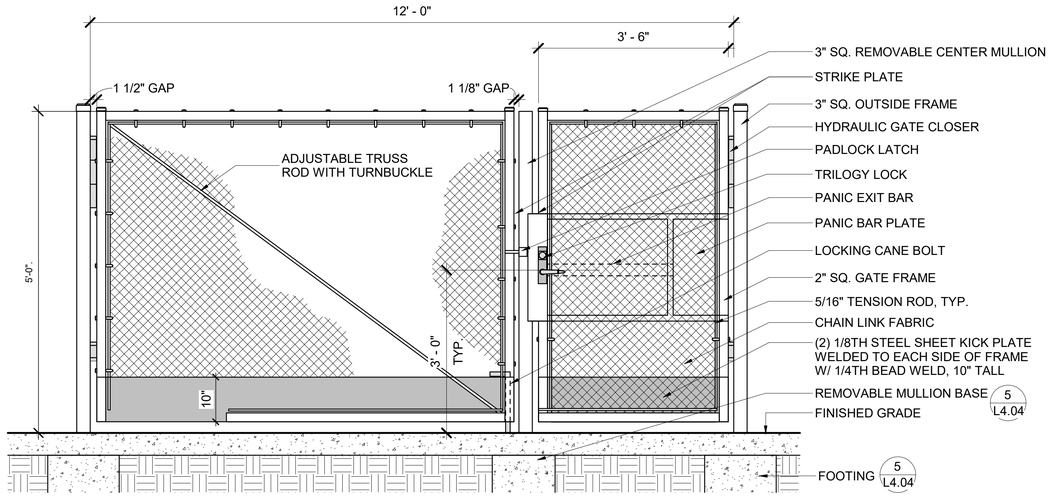
SHEET NUMBER: **L4.03**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



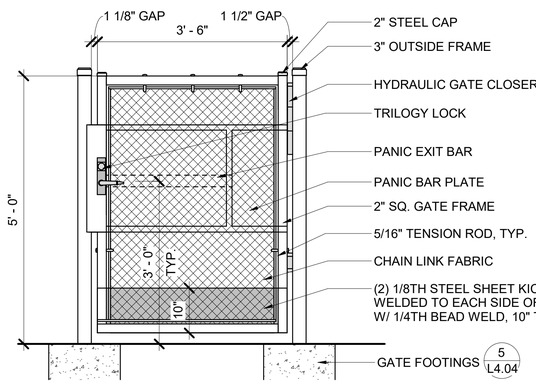
NOTES:
1. CHAIN LINK FENCE MODEL: GALVANIZED CHAIN LINK FENCE, HEAVY DUTY
2. MESH SIZE 2" DIAMOND, 11 GUAGE GALVANIZED
3. FENCE & MESH COLOR: BLACK
4. MANUFACTURER: MERCHANT METALS, WEBSITE: HTTPS://WWW.MERCHANTSMETALS.COM/
5. SUBMIT SHOP DRAWINGS & CORRELATING FIELD MEASUREMENTS FOR REVIEW AND ACCEPTANCE, DOCUMENTING ANY STEP DOWNS. TOP OF FENCE TO BE LEVEL AND STEP DOWN AS NEEDED.

1 L4.04 X CHAIN LINK FENCE
3/4" = 1'-0"



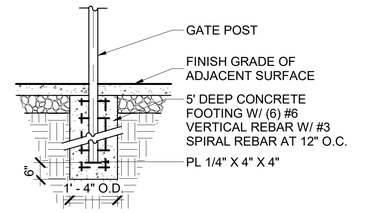
NOTES:
1. ALL MATERIALS ARE BY MERCHANT METALS, OR APPROVED EQUIVALENT, EXCEPT AS NOTED.
2. CHAIN LINK FABRIC: 2" 9 GAUGE VINYL COATED AND BONDED
3. GATE & MESH COLOR: BLACK
4. GATE MANUFACTURER: MERCHANT METALS, WEBSITE: HTTPS://WWW.MERCHANTSMETALS.COM/
5. REMOVABLE MULLION: VON DUPRIN 9852 FOR EXTERIOR USE, OR APPROVED EQUIVALENT
6. OPERABLE PARTS OF DOOR AND GATE HARDWARE ARE CENTERED BETWEEN 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 11B-404.2.7
7. SUBMIT SHOP DRAWINGS & CORRELATING FIELD MEASUREMENTS FOR REVIEW AND ACCEPTANCE, DOCUMENTING ANY STEP DOWNS. TOP OF FENCE TO BE LEVEL AND STEP DOWN AS NEEDED.

2 L4.04 CHAIN LINK GATE - TYPE 1
3/4" = 1'-0"

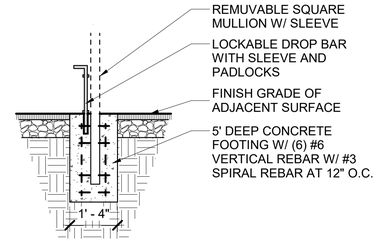


NOTES:
1. MESH SIZE 2" DIAMOND, 11 GUAGE GALVANIZED
2. GATE & MESH COLOR: BLACK
3. GATE MANUFACTURER: MERCHANT METALS, WEBSITE: HTTPS://WWW.MERCHANTSMETALS.COM/
4. OPERABLE PARTS OF DOOR AND GATE HARDWARE ARE CENTERED BETWEEN 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 11B-404.2.7
5. SUBMIT SHOP DRAWINGS & CORRELATING FIELD MEASUREMENTS FOR REVIEW AND ACCEPTANCE, DOCUMENTING ANY STEP DOWNS. TOP OF FENCE TO BE LEVEL AND STEP DOWN AS NEEDED.

4 L4.04 CHAIN LINK GATE - TYPE 2
3/4" = 1'-0"



GATE FOOTING



MULLION AND CANE BOLT FOOTING

5 L4.04 X GATE FOOTINGS
1/2" = 1'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — Registered — DEC. 31, 2026 — Renewal Date — FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing

PROJECT NUMBER: PRWPK2102

CLIENT: City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

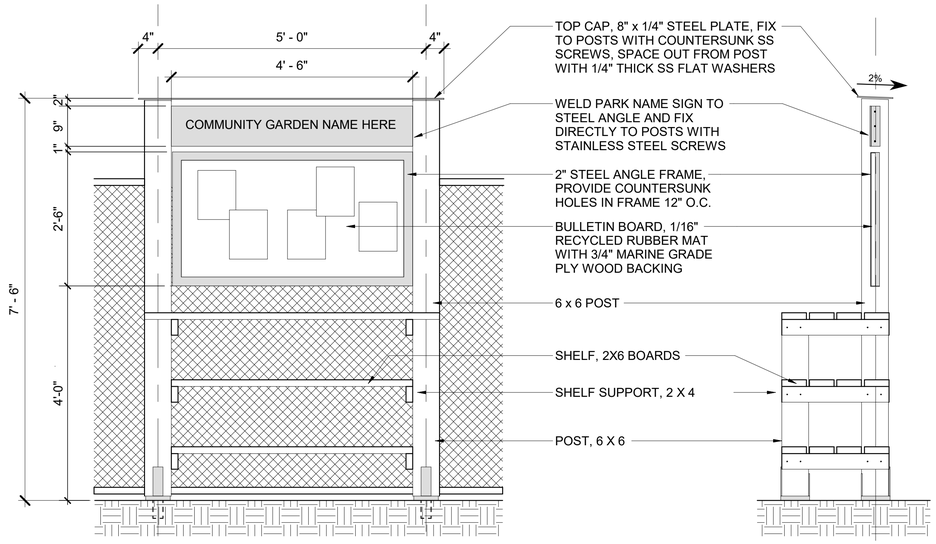
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: 4/1/26
DATE:

SHEET TITLE: DETAILS - CHAIN LINK FENCE AND GATE

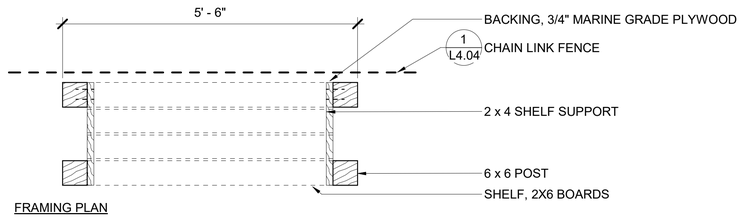
SHEET NUMBER: L4.04

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

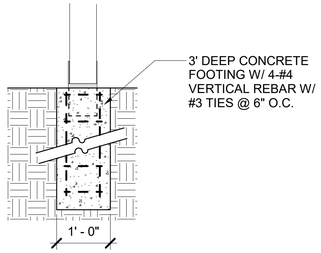


ELEVATION AT FOOD PANTRY

SECTION



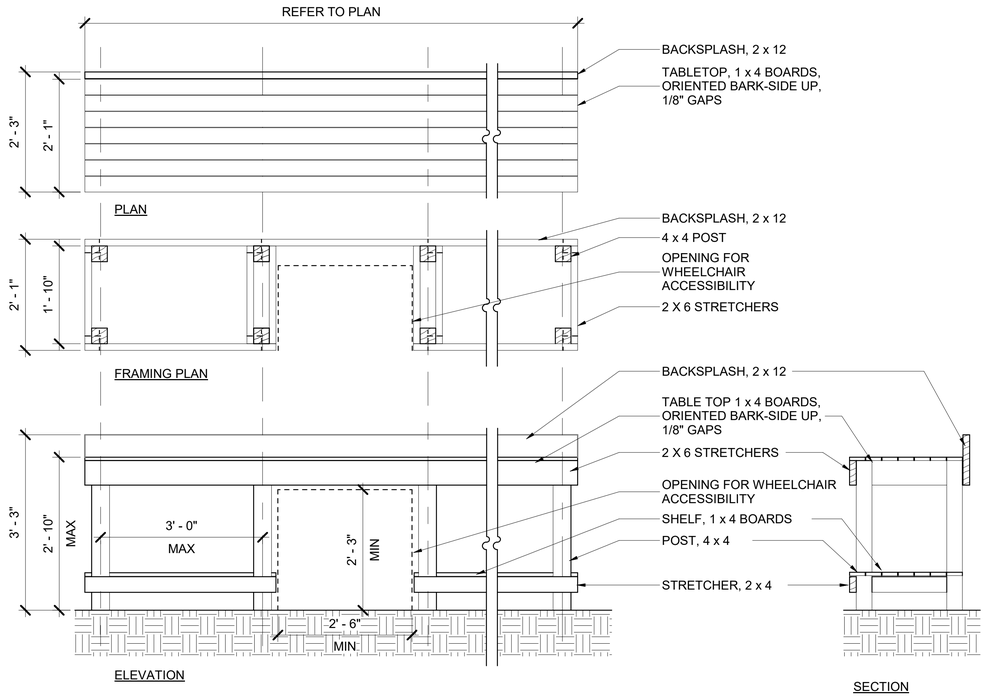
FRAMING PLAN



FOOTING SECTION

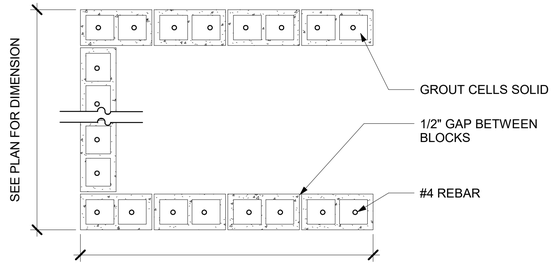
NOTES:
1. TIMBER IS CONSTRUCTION HEART REDWOOD
2. TIMBER CONNECTIONS ARE POWDER-COATED STEEL FROM OUTDOOR ACCENTS AVANT COLLECTION AS MANUFACTURED BY SIMPSON STRONG TIE, OR APPROVED EQUIVALENT
3. ALL STEEL MEMBERS ARE POWDER COATED BLACK
4. SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL

1 L4.05 FOOD PANTRY AND COMMUNITY NOTICE BOARD
3/4" = 1'-0"

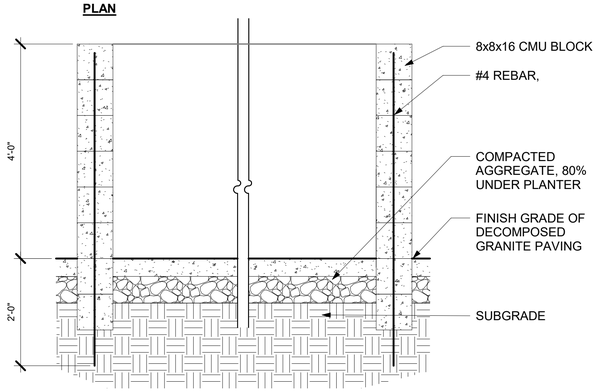


NOTES:
1. TIMBER IS CONSTRUCTION HEART REDWOOD
2. SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL

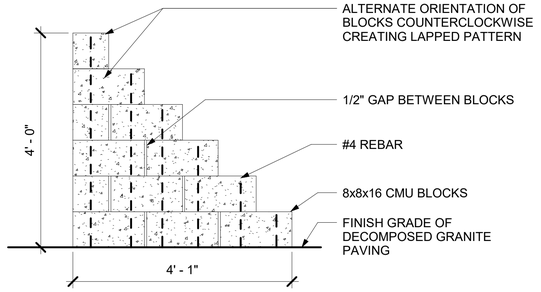
2 L4.05 GARDEN WORK BENCH
3/4" = 1'-0"



PLAN



SECTION



SIDE ELEVATION

3 L4.05 BULK STORAGE CORRAL
3/4" = 1'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT AUSTIN
No. 6065
Renewal Date DEC. 31, 2026
Renewal Date FEB. 19, 2025
Date
STATE OF CALIFORNIA
STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

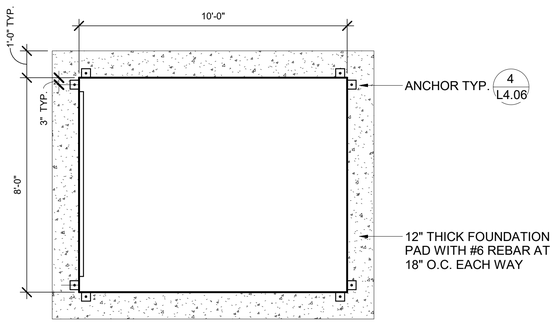
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

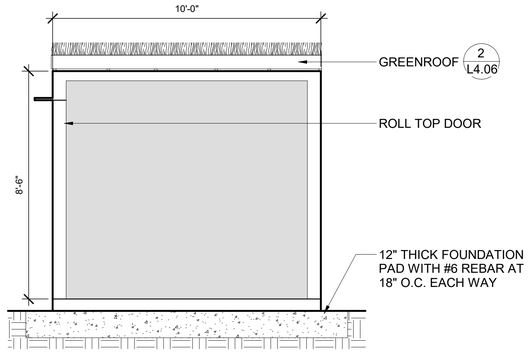
DETAILS - COMMUNITY GARDEN
SHEET TITLE:

L4.05
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



PLAN



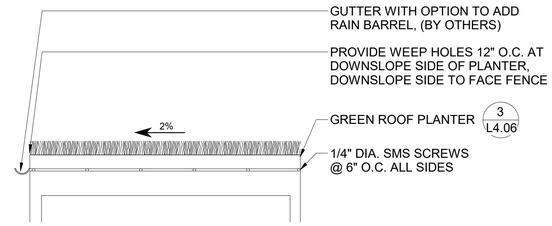
SECTION ELEVATION

NOTES:
1. SHOP DRAWINGS TO BE SUBMITTED TO CITY AND LANDSCAPE ARCHITECT FOR APPROVAL.
2. PRODUCT: MODIFIED 10' SHIPPING CONTAINER; MANUFACTURER: CONEX WEST, WWW.CONEXWEST.COM, OR APPROVED EQUIVALENT.
   A. 10' NEW STANDARD NON-ISO CONTAINER WITH ROLL UP DOOR 10STRDNX
   B. STEEL FLOOR 3/8" THICK 10' MOD 10-STLFL38
   C. PAINT CUSTOM COLOR MOD-PAINTCUSTOM10EXT
   D. ROLL-UP DOOR 8' MOD-8RUD EXTERIOR LOCKING HASP
   E. CONEX RAMP
3. PRIME AND PAINT EXTERIOR AND GREEN ROOF PLANTER:
   COLOR, PARCEL 1: TO MATCH SHERWIN WILLIAMS MAREA BAJA
   COLOR, PARCEL 4: TO MATCH SHERWIN WILLIAMS QUIETUDE

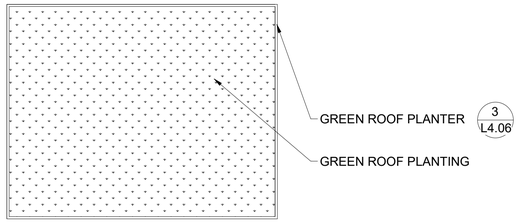
SW 9185
COLOR: PARCEL 1

SW 6212
COLOR: PARCEL 4

1 L4.06 80 SF COMMUNITY GARDEN SHED (EXEMPT FROM BUILDING PERMIT)
3/8" = 1'-0"



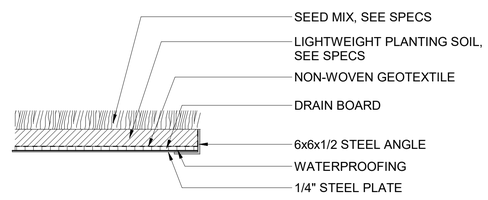
FRONT ELEVATION



PLAN

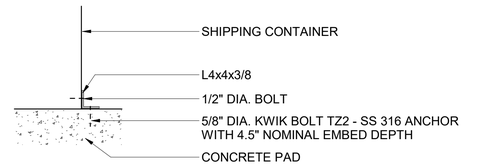
NOTES:
1. SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL

2 L4.06 GREEN ROOF
3/8" = 1'-0"



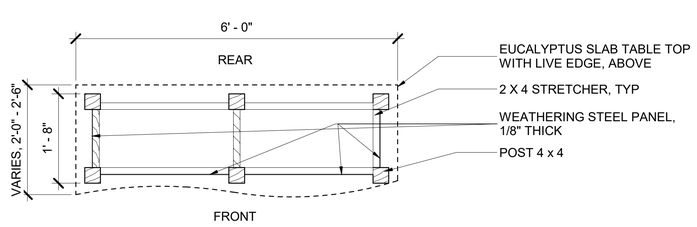
SECTION

3 L4.06 GREEN ROOF PLANTER- ENLARGEMENT
3/4" = 1'-0"

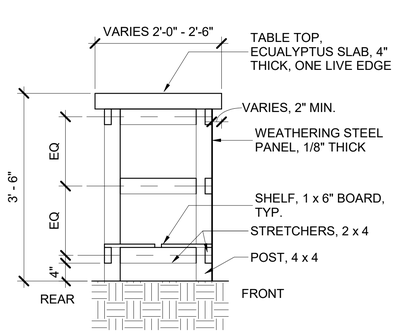


SECTION

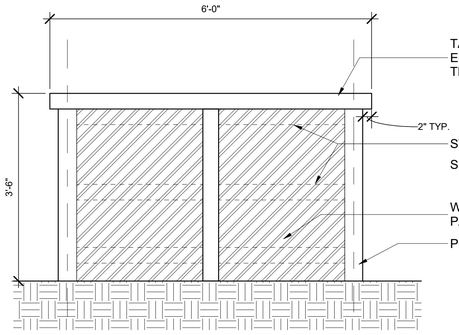
4 L4.06 ANCHOR - ENLARGEMENT
3/4" = 1'-0"



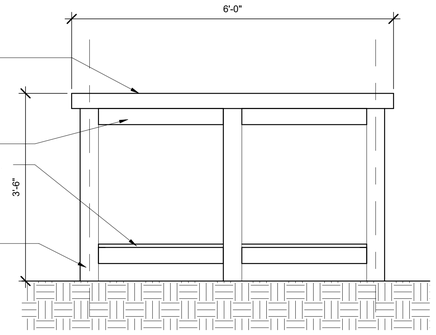
FRAMING PLAN



SECTION



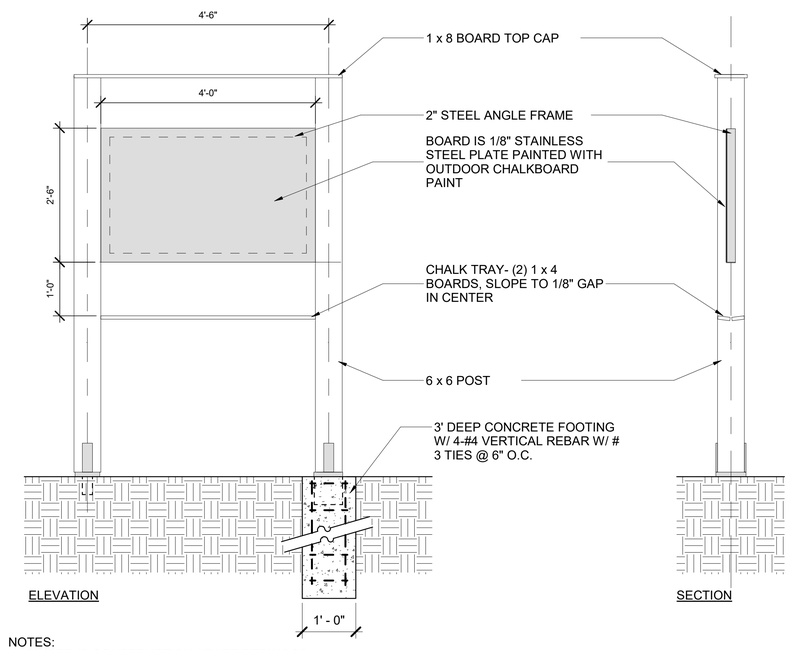
FRONT ELEVATION AT OUTDOOR DEMONSTRATION TABLE



REAR ELEVATION AT OUTDOOR DEMONSTRATION TABLE

NOTES:
1. TIMBER IS CONSTRUCTION HEART REDWOOD
2. SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL

5 L4.06 OUTDOOR CLASSROOM DEMONSTRATION TABLE
3/4" = 1'-0"



ELEVATION SECTION

NOTES:
1. TIMBER IS CONSTRUCTION HEART REDWOOD
2. SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL

6 L4.06 OUTDOOR CLASSROOM- CHALKBOARD
3/4" = 1'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT AARON
Registration
DEC. 31, 2026
Renewal Date
FEB. 19, 2025
Date
STATE OF CALIFORNIA
STAMP

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
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ELECTRICAL ENGINEER:
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PASO ROBLES, CA 93446
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CONSULTANTS:

SPEC NO. 26-11757-C
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REVISION

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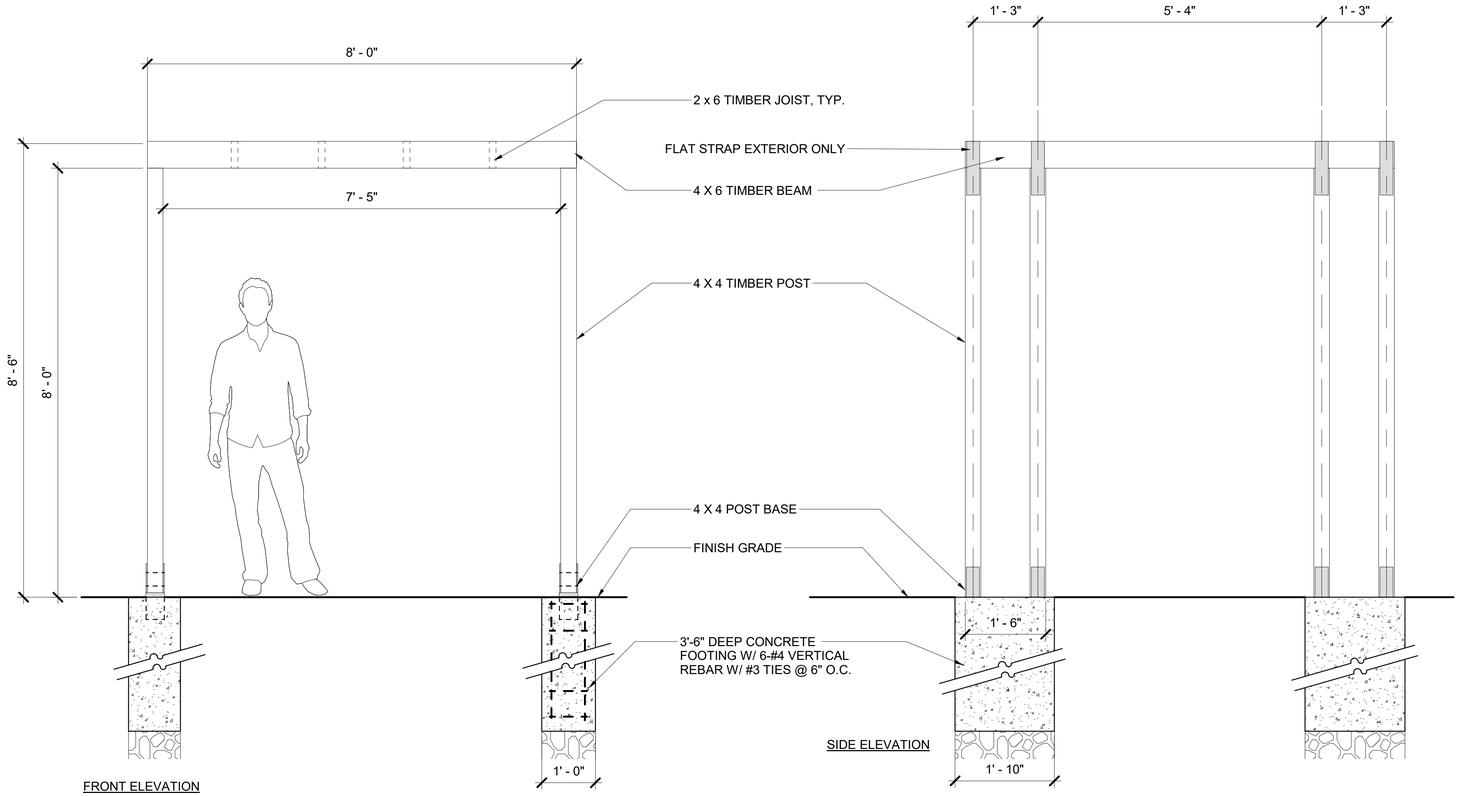
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

DETAILS - SHED AND OUTDOOR CLASSROOM
SHEET TITLE:

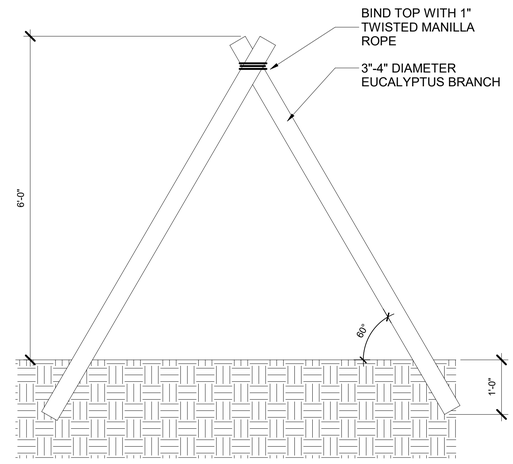
L4.06
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



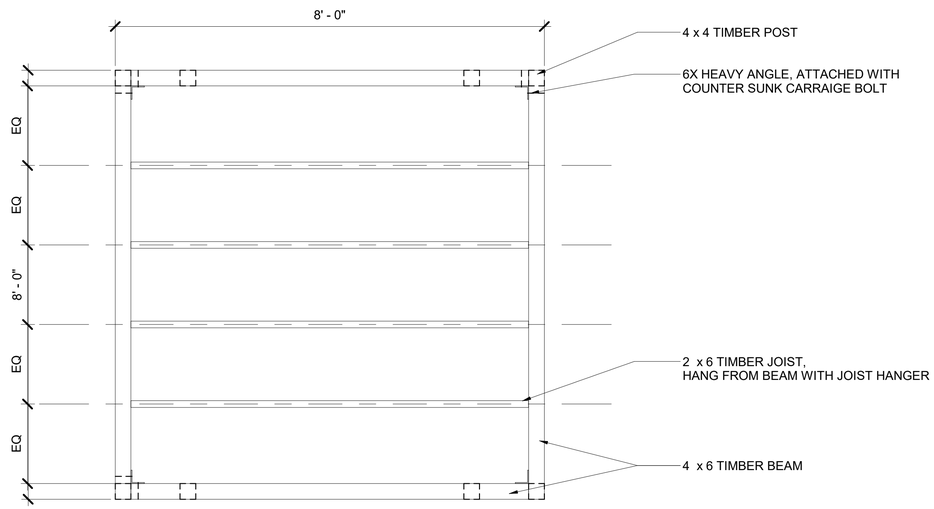
FRONT ELEVATION

SIDE ELEVATION



SECTION

2 / L4.07 VINE PYRAMID
3/4" = 1'-0"



PLAN

NOTES:
1. TIMBER IS CONSTRUCTION HEART REDWOOD
2. TIMBER CONNECTIONS ARE POWDER-COATED STEEL FROM OUTDOOR ACCENTS AVANT COLLECTION AS MANUFACTURED BY SIMPSON STRONG TIE, OR APPROVED EQUIVALENT
3. SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL

1 / L4.07 GARDEN TRELLIS
3/4" = 1'-0"

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — Registered — DEC 31, 2026 Renewal Date — FEB 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin[illegible]ancing** — Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

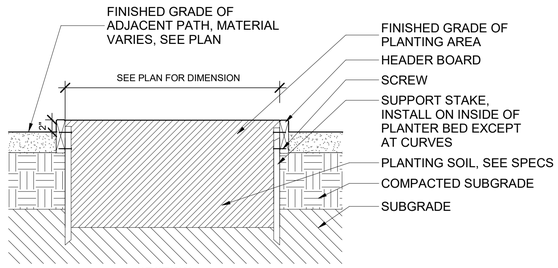
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

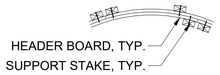
SHEET TITLE: **DETAILS - GARDEN TRELLIS**

SHEET NUMBER: **L4.07**

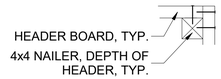
PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



SECTION



PLAN VIEW - CURVED



PLAN VIEW - AT CORNER

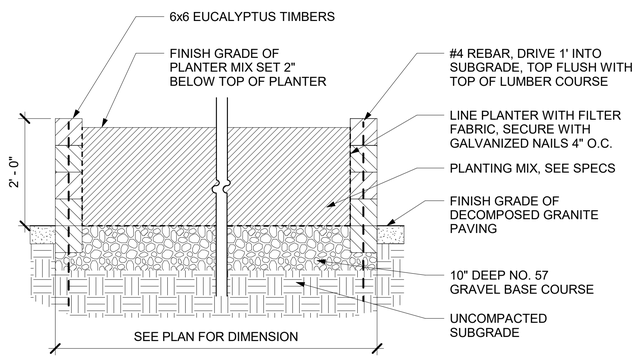
NOTES:
1. PLANTER SIZE SCHEDULE:
   A. SIZE PA: 4'-4" WIDE, LENGTHS IN 6" INTERVALS, SEE PLAN
   B. SIZE PB: 3'-0" WIDE, LENGTHS IN 6" INTERVALS, SEE PLAN
   C. SIZE PC: 7'-0" X 8'-0"
2. STRAIGHT SECTIONS: USE 2" X 6" RECYCLED REDWOOD, USE ONE CONTINUOUS BOARD WITH NO BREAKS FOR EACH SIDE
3. CURVED SECTIONS: USE 2 - 1" X 6" RECYCLED REDWOOD
4. SUPPORT STAKE: 1" X 2" X 18" REDWOOD @ 2 FT O.C.
5. AT JOINTS USE 2 SUPPORT STAKES
6. USE GALVANIZED DECK SCREWS, 2 PER SUPPORT STAKE AND 2 AT CORNERS

1 L4.08 WOOD PLANTER EDGING, IN GROUND
1" = 1'-0"

ACCESSIBLE PLANTER

ACCESSIBLE PLANTER W/ COLD FRAME

NOTES:
1. ACCESSBILE PLANTER TO BE CLASSIC VEG TRUG. SIZE: MEDIUM, COLOR, NATURAL
2. ACCESSIBLE PLANTER WITH COLD FRAME TO BE CLASSIC COLD FRAME ADDED FITTED TO TOP OF CLASSIC VEG TRUG.
3. MANUFACTURUER: VEGTRUG USA INC. WEBSITE: WWW.VEGTRUG.COM/US, PHONE: 1(888) 908-2008
4. SURFACE MOUNT PLANTERS USING EARTH ANCHOR MOUNTING SYSTEM, DETAIL 10/L4.12



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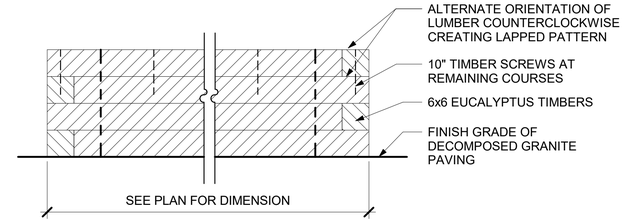
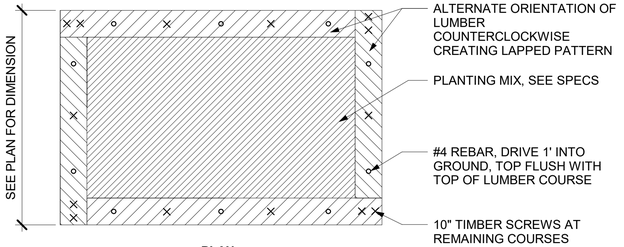


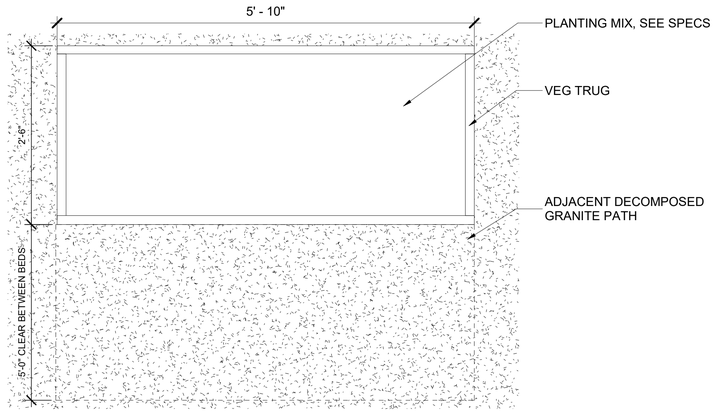
ELEVATION



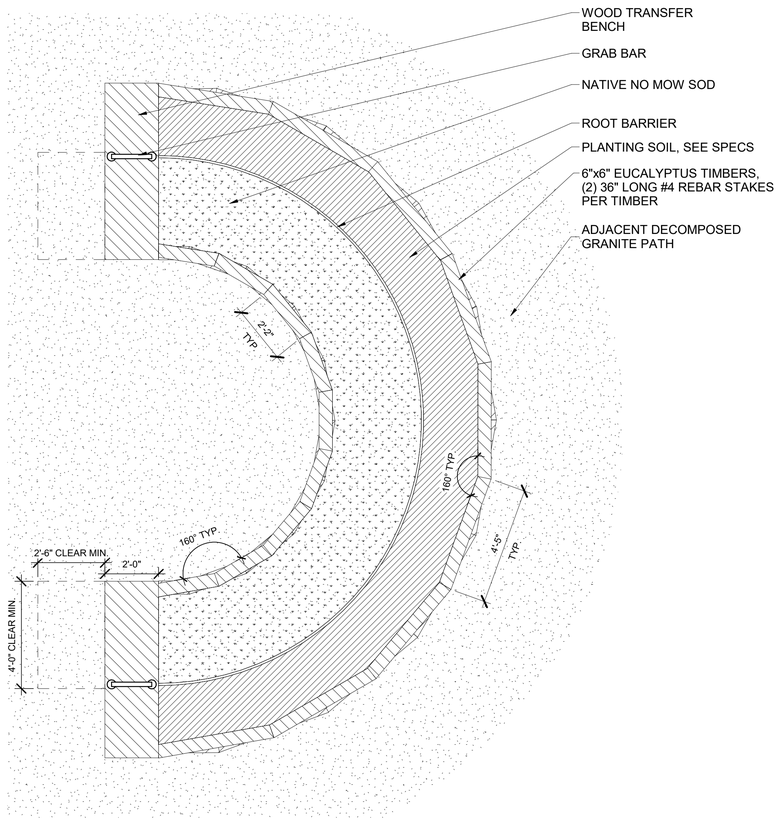
PLAN

NOTES:
1. ALL LOGS TO BE 6X6 EUCALYPTUS MILLED TO LENGTH AND PREDRILLED BY MANUFACTURER
2. MANUFACTURER: GREEN WASTE RECYCLE YARD, RICHMOND, CA, 510-527-8733, WWW.GREENWASTERECYCLEYARD.COM

2 L4.08 WOOD PLANTER, RAISED
3/4" = 1'-0"

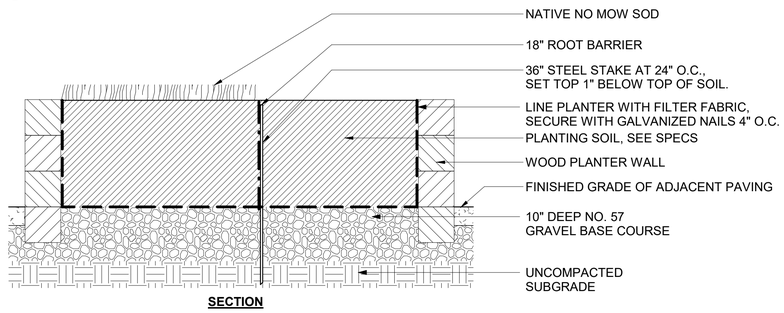


PLAN

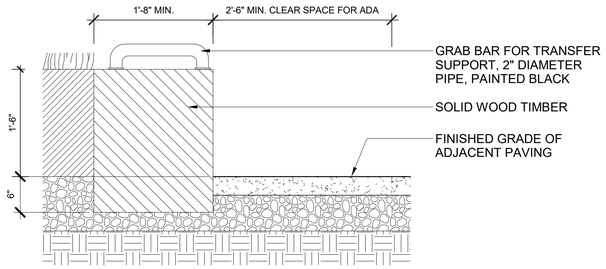


PLAN

3 L4.08 ACCESSIBLE RAISED PLANTING BED AND COLD FRAME
1" = 1'-0"



SECTION



SECTION - TRANSFER BENCH

NOTES:
1. SUPPORT STAKE: 3/8" x 1-1/2" x 36" STEEL FLAT NAIL STAKE.
2. TIMBER TO BE EUCALYPTUS, MILLED, MITERED, AND PREDRILLED BY MANUFACTURER
3. MANUFACTURER: GREEN WASTE RECYCLE YARD, RICHMOND, CA, 510-527-8733, WWW.GREENWASTERECYCLEYARD.COM

4 L4.08 CURVED ACCESSIBLE RAISED PLANTING BED
1" = 1'-0"

5 L4.08 CURVED ACCESSIBLE RAISED PLANTING BED LAYOUT
3/8" = 1'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT PERIN — DEC 31, 2026 — RENEWAL DATE — FEB 19, 2025 — Date — STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing

PROJECT:

PRWPK2102

PROJECT NUMBER:

City of Berkeley

2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704

CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

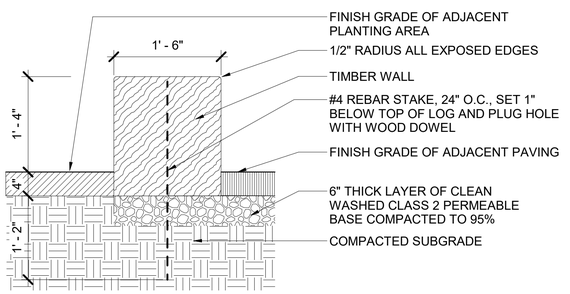
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

DETAILS - GARDEN PLANTERS
SHEET TITLE:

L4.08
SHEET NUMBER:

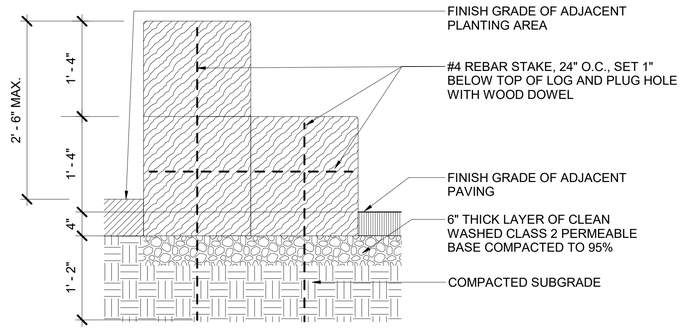
PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



SECTION, ADJACENT TO PAVING

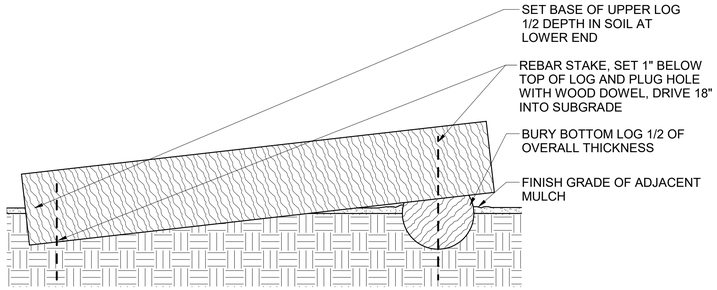
NOTES:
1. SET LOGS TIGHT AGAINST ONE ANOTHER WITH NO GAPS LARGER THAN 1/4".
2. SAND SMOOTH ALL BURRS AND SPLINTERS.
3. APPLY 3 COATS OF TUNG OIL FINISH.
4. LENGTHS OF TIMBER TO BE 8' - 16' LONG, EXCEPT WHERE SMALLER SIZES ARE NECESSARY
5. TIMBER TO BE EUCALYPTUS MILLED, MITERED, AND PREDRILLED BY MANUFACTURER
6. MANUFACTURER: GREEN WASTE RECYCLE YARD, RICHMOND, CA, 510-527-8733, WWW.GREENWASTERECYCLEYARD.COM

1 L4.09 LOG SEAT WALL
1" = 1'-0"

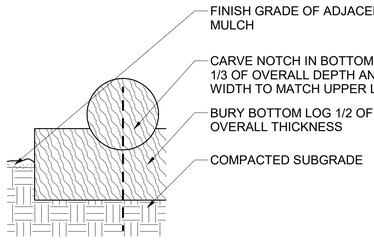


NOTES:
1. SET LOGS TIGHT AGAINST ONE ANOTHER WITH NO GAPS LARGER THAN 1/4".
2. SAND SMOOTH ALL BURRS AND SPLINTERS.
3. APPLY 3 COATS OF TUNG OIL FINISH.
4. LENGTHS OF TIMBER TO BE 8' - 16' LONG, EXCEPT WHERE SMALLER SIZES ARE NECESSARY
5. TIMBER TO BE EUCALYPTUS MILLED, MITERED, AND PREDRILLED BY MANUFACTURER
6. MANUFACTURER: GREEN WASTE RECYCLE YARD, RICHMOND, CA, 510-527-8733, WWW.GREENWASTERECYCLEYARD.COM

2 L4.09 2 TIER LOG SEAT WALL
1" = 1'-0"



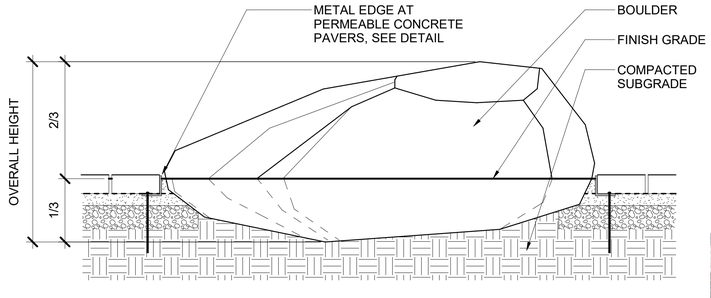
LONGITUDINAL SECTION



CROSS SECTION

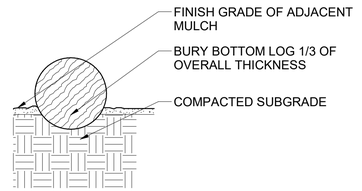
NOTES:
1. EUCALYPTUS LOGS 24"-36" DIAMETER.

3 L4.09 STACKED LOGS AT DOG PARK
1/2" = 1'-0"

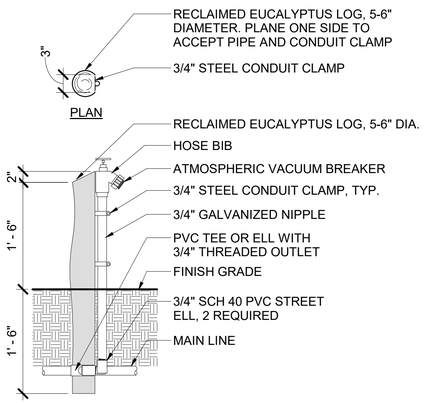


NOTES:
1. BOULDER: MOSS ROCK, SIZE: **SEE PLAN**; AS SOURCED BY AMERICAN SOIL & STONE OR APPROVED EQUIVALENT, WWW.AMERICANSOIL.COM, (510) 292-3000
2. SMALL BOULDER: 2' x 2'-6"
3. LARGE BOULDER: 5' x 2'-6"

4 L4.09 BOULDER
1" = 1'-0"



SECTION

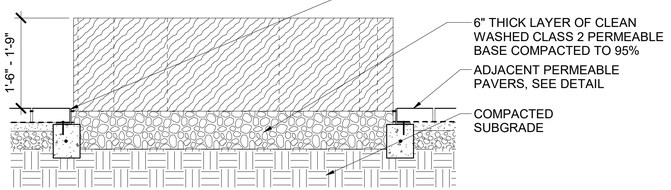


NOTES:
1. EUCALYPTUS LOGS 24"-36" DIAMETER, 8' -16' LONG EXCEPT WHERE SHORTER LENGTHS ARE NECESSARY

5 L4.09 FREESTANDING LOGS
1/2" = 1'-0"

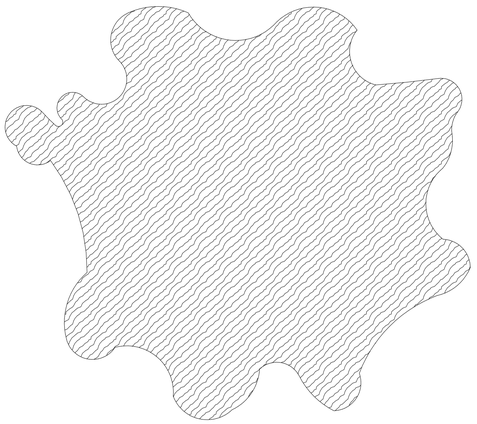
NOTES:
1. PROVIDE (1) 50' LENGHT COPPER BULLET EXPANDABLE HOSE OR APPROVED EQUIVALENT AT EACH HOSE BIB LOCATION.

6 L4.09 HOSE BIB
1" = 1'-0"



NOTES:
1. EUCALYPTUS, CYPRESS, REDWOOD OR OTHER ROT RESISTANT WOOD STUMP, 7' - 9' DIAMETER
2. ONE ENTIRE CROSS CUT SLAB OF ENTIRE TRUNK.
3. REMOVE ALL ROT AND BARK, SAND SMOOTH ALL BURS AND SPLINTERS

7 L4.09 STUMP TABLE
3/4" = 1'-0"



MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARNETT MANN — Registered — DEC. 31, 2026 — Renewal Date — FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2012**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

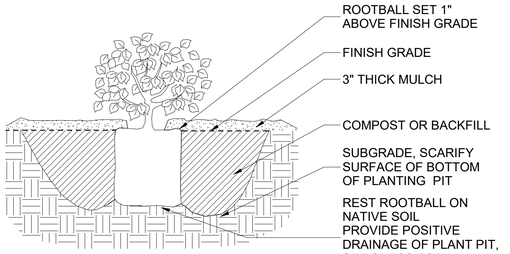
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **DETAILS - LOGS AND BOULDERS**

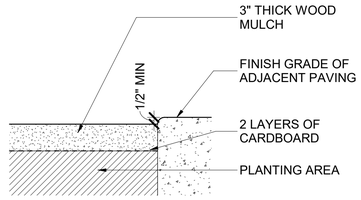
SHEET NUMBER: **L4.09**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



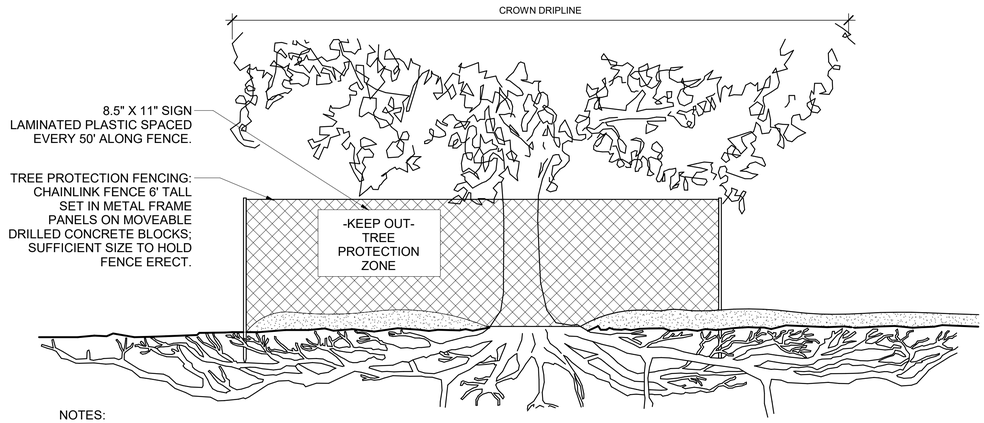
NOTES:
1. OVERLAP CARDBOARD PIECES - 8" MINIMUM.
2. SET DRIP IRRIGATION TUBING 4" BELOW FINISH GRADE OF SOIL, NOTE THIS DEPTH DOES NOT INCLUDE MULCH DEPTH, SEE IRRIGATION PLANS.

1 L4.10 PLANTING SHRUB
3/4" = 1'-0"



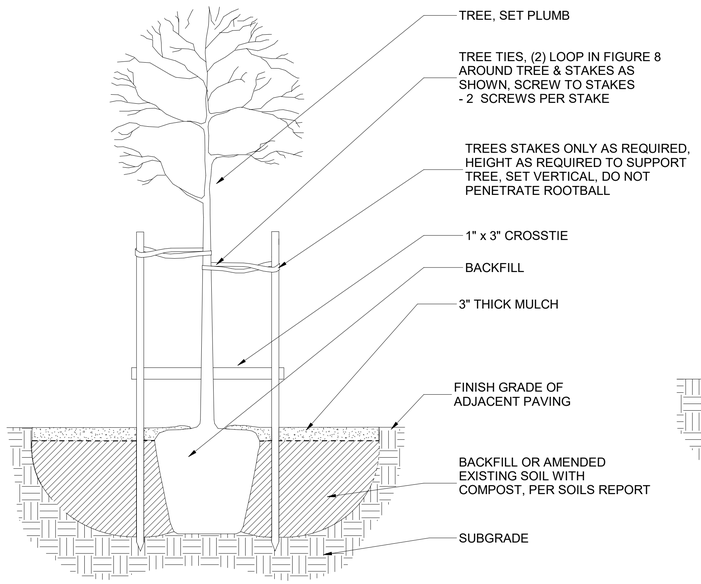
NOTES:
1. OVERLAP CARDBOARD PIECES - 8" MINIMUM.
2. DO NOT USE CARDBOARD AT DOG PARK.
3. SET DRIP IRRIGATION TUBING 4" BELOW FINISH GRADE OF SOIL, NOTE THIS DOES NOT INCLUDE MULCH DEPTH, SEE IRRIGATION PLANS.

2 L4.10 WOOD MULCH
1 1/2" = 1'-0"

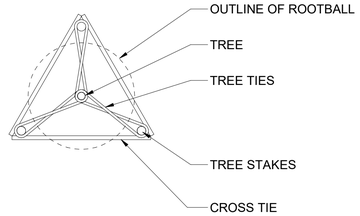


NOTES:
1. NO PRUNING OF EXISTING TREES EXCEPT BY APPROVED ARBORIST.
2. DO NOT OPERATE EQUIPMENT INSIDE TREE PROTECTION FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
3. SEE TREE PRESERVATION PLAN AND ARBORIST REPORT FOR FENCE ALIGNMENT, ROOT BUFFER ZONE AND ADDITIONAL PROTECTION MEASURES.

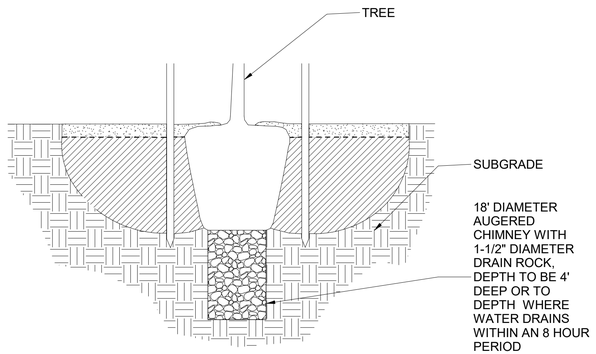
3 L4.10 TREE PROTECTION FENCING
1/4" = 1'-0"



SECTION

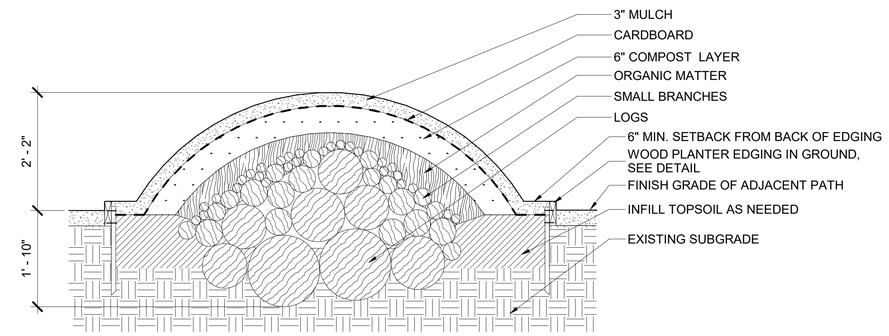


PLAN VIEW



AT OAK TREES IN LAWN AREA OR TREES IN AREAS OF POOR DRAINAGE PROVIDE TREE DRAIN/CHMINEY

4 L4.10 PLANTING TREE PLANTING
1/2" = 1'-0"



SECTION

NOTES:
1. OVERLAP CARDBOARD PIECES - 8" MINIMUM.
2. ORGANIC MATTER TO BE: LEAVES, GRASS CLIPPINGS, UNFINISHED COMPOST
3. SMALL BRANCHES TO BE: SOFTWOODS AND SMALLER DIAMETER BRANCHES, 1/2"-6" DIAMETER.
4. LOGS TO BE: ROTTING AND FRESH, LARGER DIAMETER LOGS 6"-18" DIAMETER.
5. ALL WOOD TO BE RAW WOOD IN ITS NATURAL STATE, FREE OF PAINT AND FINISHES.

5 L4.10 HUGELKULTUR BED
3/4" = 1'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — No. 6404 — Renewal Date DEC. 31, 2026 — Renewal Date FEB. 19, 2025 — Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

SHEET TITLE: **DETAILS - PLANTING**

SHEET NUMBER: **L4.10**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

NOTES:
1. PRODUCT: BIRD'S NEST SWING WITH REINFORCED PA ROPE, NR0911; MANUFACTURER: KOMPAN, WWW.KOMPAN.COM; REPRESENTATIVE: KELLY O'KEEFE, KELOKE@KOMPAN.COM, (341) 766-2675
2. AGE RANGE: 5-12 YEARS
3. MAX. FALL HEIGHT: 7'-7"

1 L4.11 BIRDS NEST SWING
1/2" = 1'-0"

NOTES:
1. PRODUCT: JUNIOR SPICA, ELE400158; ECO CORE PANEL COLOR: **TBD**; MANUFACTURER: KOMPAN, WWW.KOMPAN.COM; REPRESENTATIVE: KELLY O'KEEFE, KELOKE@KOMPAN.COM, (341) 766-2675
2. AGE RANGE: 2-5 YEARS
3. MAX. FALL HEIGHT: 7"

2 L4.11 STANDING SPINNER
1/2" = 1'-0"

NOTES:
1. PRODUCT: SPRING BOARD, NR0104; COLOR: ROBINIA UNTREATED WOOD; MANUFACTURER: KOMPAN, WWW.KOMPAN.COM; REPRESENTATIVE: KELLY O'KEEFE, KELOKE@KOMPAN.COM, (341) 766-2675
2. AGE RANGE: 2-5 YEARS
3. MAX. FALL HEIGHT: 1'-6"

3 L4.11 SPRING BOARD
1/2" = 1'-0"

NOTES:
1. PRODUCT: CROOKED DEN, NRC200101; SLIDE MATERIAL: FULL STAINLESS STEEL; COLOR: ROBINIA UNTREATED WOOD, ECO CORE PANEL COLOR: **TBD**; MANUFACTURER: KOMPAN, WWW.KOMPAN.COM; REPRESENTATIVE: KELLY O'KEEFE, KELOKE@KOMPAN.COM, (341) 766-2675
2. AGE RANGE: 2-5 YEARS
3. MAX. FALL HEIGHT: 3'-3"

4 L4.11 COMPONENT PLAY STRUCTURE
1/2" = 1'-0"

NOTES:
1. PRODUCT: DOUBLE HILL CLIMBER ROPE, NR0891; COLOR: BEIGE; MANUFACTURER: KOMPAN, WWW.KOMPAN.COM; REPRESENTATIVE: KELLY O'KEEFE, KELOKE@KOMPAN.COM, (341) 766-2675
2. AGE RANGE: 2-12 YEARS
3. MAX. FALL HEIGHT: N/A

5 L4.11 DOUBLE HILL CLIMBER ROPE
1/2" = 1'-0"

NOTES:
1. PRODUCT: CUSTOM FULL ROUND LOG STEPPERS; COLOR: ROBINIA UNTREATED WOOD; SIZE: 10"-20" DIAMETER ROUNDS, MAX EXPOSED HEIGHT 11"; MANUFACTURER: KOMPAN, WWW.KOMPAN.COM; REPRESENTATIVE: KELLY O'KEEFE, KELOKE@KOMPAN.COM, (341) 766-2675
2. AGE RANGE: 2-5 YEARS
3. MAX. FALL HEIGHT: 11"

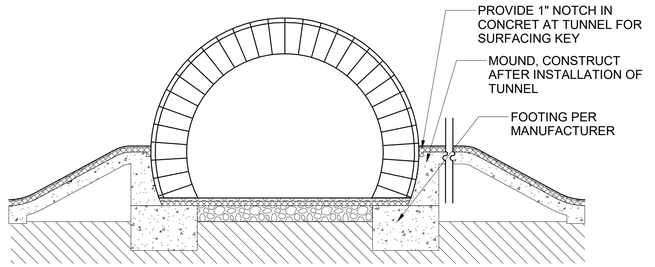
6 L4.11 EMBANKMENT FULL ROUND LOG STEPPERS
1/2" = 1'-0"

NOTES:
1. PRODUCT: EDGING, NR0502; MANUFACTURER: KOMPAN, WWW.KOMPAN.COM; REPRESENTATIVE: KELLY O'KEEFE, KELOKE@KOMPAN.COM, (341) 766-2675
2. SIZE: LENGTH: 7' AND 3', SEE PLAN, MAX. EXPOSED HEIGHT 9"
3. AGE RANGE: 2-5 YEARS
4. MAX. FALL HEIGHT: N/A

7 L4.11 HORIZONTAL LOG STEPPERS
1/2" = 1'-0"

NOTES:
1. PRODUCT: JUNIOR FORM - ROUND LARGE; MANUFACTURER: EARTHSCAPE, WWW.EARTHSCAPEPLAY.COM, 519.804.6854
2. AGE RANGE: 2-5 YEARS

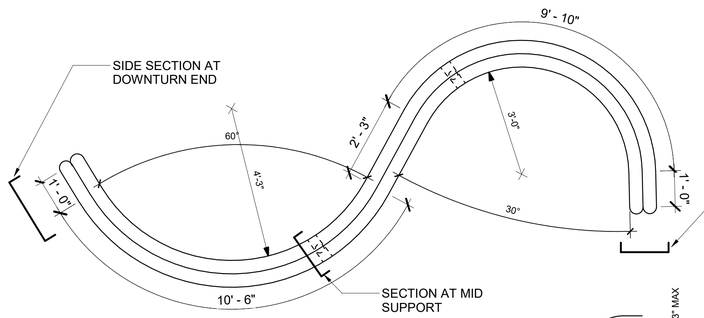
8 L4.11 TIMBER TUNNEL
1/2" = 1'-0"

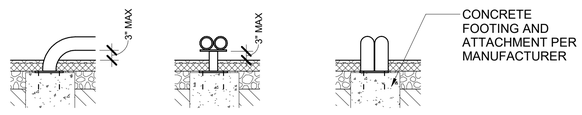


SECTION AT MOUND

NOTES:
1. PRODUCT: CLASSIC TIMBERFORM STEPPING COLUMN CLUSTER, 4500-002; MANUFACTURER: COLUMBIA CASCADE, WWW.COLUMBIA-CASCADE.COM, SUPPLIED BY PARK PACIFIC, TIM JONSSON, (888) 460-7275
2. AGE RANGE: 2-5 YEARS

9 L4.11 CLASSIC TIMBERFORM STEPPING COLUMN CLUSTER 4500-002
1/2" = 1'-0"





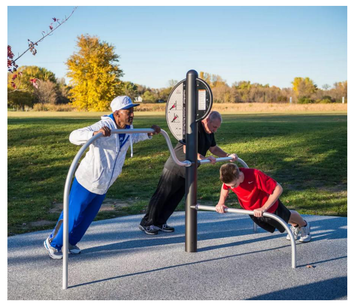
SIDE SECTION AT DOWNTURN END | **SECTION AT MID SUPPORT** | **FRONT SECTION AT DOWNTURN END**

NOTES:
1. PRODUCT: CUSTOMIZED WAVY PIPE BENCH ; MANUFACTURER: COLUMBIA CASCADE, WWW.COLUMBIA-CASCADE.COM, SUPPLIED BY PARK PACIFIC, TIM JONSSON, (888) 460-7275
2. AGE RANGE: 2-5 YEARS

10 L4.11 WAVY PIPE SEAT
1/2" = 1'-0"

NOTES:
1. PRODUCT: HEALTHBEAT AB CRUNCH/LEG LIFT
2. COLOR: POST AND SEAT - BLACK, POLES - DUNE
3. MANUFACTURER: LANDSCAPE STRUCTURES, WWW.PLAYLSI.COM, (888) 438-6575
4. MAX. FALL HEIGHT: 21"

11 L4.11 HEALTHBEAT AB CRUNCH/LEG LIFT
1/2" = 1'-0"



NOTES:
1. PRODUCT: HEALTHBEAT ASSISTED ROW/PUSH-UP;
2. COLOR: POST - BLACK, POLES - DUNE
3. MANUFACTURER: LANDSCAPE STRUCTURES, WWW.PLAYLSI.COM, (888) 438-6575
4. MAX FALL HEIGHT: 53"

12 L4.11 HEALTHBEAT ASSISTED ROW/PUSH-UP
1/2" = 1'-0"

NOTES:
1. PRODUCT: HEALTHBEAT PULL-UP/DIP
2. COLOR: POST - BLACK, POLES - DUNE MANUFACTURER: LANDSCAPE STRUCTURES, WWW.PLAYLSI.COM, (888) 438-6575'
3. MAX. FALL HEIGHT: 81"

13 L4.11 HEALTHBEAT PULL-UP
1/2" = 1'-0"

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CAncing**

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

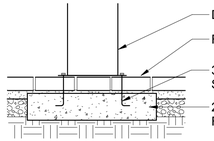
SHEET TITLE: **DETAILS - PLAY AND FITNESS EQUIPMENT**

SHEET NUMBER: **L4.11**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

BI-LEVEL WITH PET STATION

TRI-LEVEL



SECTION PAVERS

NOTES:
1. PRODUCT:
   A. TYPE A: OUTDOOR EZH2O® UPPER BOTTLE FILLING STATION, TRI-LEVEL PEDESTAL, NON-FILTERED NON-REFRIGERATED, LK4430BF1U
   B. TYPE B: OUTDOOR EZH2O® UPPER BOTTLE FILLING STATION, BI-LEVEL PEDESTAL, WITH PET STATION, NON-FILTERED NON-REFRIGERATED, LK4420BF1UDB
   C. TYPE C: OUTDOOR EZH2O® UPPER BOTTLE FILLING STATION, BI-LEVEL PEDESTAL, WITH PET STATION AND HOSE BIB, NON-FILTERED NON-REFRIGERATED, LK4420BF1UDB + LK4471LHB
2. COLOR: EVERGREEN (EVG); MANUFACTURER: ELKAY, WWW.ELKAY.COM, 1-800-476-4106
3. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
4. IN PAVER AREAS, INSTALL 24"x36"x5" CONCRETE FOOTING WITH 3/8" THREADED L RODS

1 L4.12 DRINKING FOUNTAIN
3/4" = 1'-0"

NOTES:
1. PRODUCT: 58 BENCH, WITH CENTER ARMRESTS, SURFACE MOUNT; MANUFACTURER: DUMOR, WWW.DUMOR.COM, (800) 598-4018

2 L4.12 BENCH
1" = 1'-0"

NOTES:
1. PRODUCT: metroSTOR RCFA 35L FPH FRONT LOAD TRASH CONTAINER ENCLOSURE (FOOT PEDAL/ HOPPER)
2. MANUFACTURER: metroSTOR, METROSTOR.US, 1-860-327-8294

3 L4.12 WASTE RECEPTACLE
1" = 1'-0"

NOTES:
1. PRODUCT: MODEL KPHCB STEEL COAL ASH RECEPTACLE; SURFACE MOUNT; MANUFACTURER: KAY PARK REC. CORP, WWW.KAYPARK.COM, (866) 407-5971
2. PROVIDE 32 GALLON GALVANIZED TRASH CAN FOR INTERIOR
3. SURFACE MOUNT TO PAVERS USING EARTH ANCHOR MOUNTING SYSTEM, DETAIL 10/L5.12

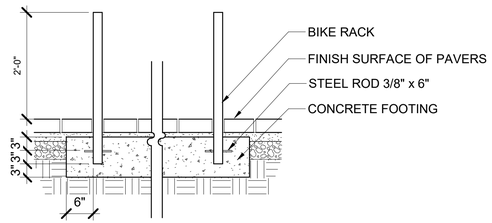
4 L4.12 HOT COAL BIN
1" = 1'-0"

NOTES:
1. PRODUCT: DOG WASTE BAG ROLLS PARK DISPENSER; MANUFACTURER, BEYOND GREEN, WWW.BYNDGRN.COM
2. MOUNT ON FENCE POST CENTERED AT 40" ABOVE FINISHED FLOOR, SEE PLAN FOR LOCATION

5 L4.12 DOG WASTE BAG DISPENSER
3/4" = 1'-0"

NOTES:
1. PRODUCT: WELLE SERIES RACK, SURFACE FLANGE, SQUARE TUBE, WSH3602-SQ-IG; COLOR: JET BLACK; MANUFACTURER, BIKEPARKING.COM, WWW.BIKEPARKING.COM, (415) 333-6428
2. CUSTOM CUT TO 24" HEIGHT

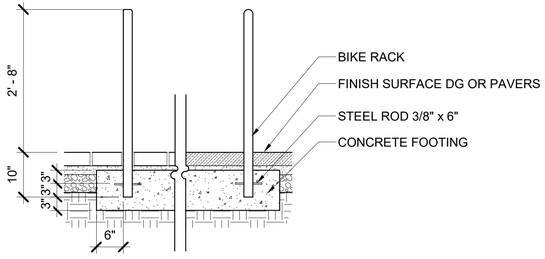
6 L4.12 BIKE RACK - CHILD'S
3/4" = 1'-0"



SECTION AT FOOTING

NOTES:
1. PRODUCT: WELLE CIRCULAR SQUARE TUBE JET BLACK; MANUFACTURER, BIKEPARKING.COM, WWW.BIKEPARKING.COM, (415) 333-6428
   A. INGROUND: WCR02-SQ-IG
   B. SURFACE MOUNT: WCR02-SQ-SF
2. SURFACE MOUNT AT CONCRETE PAVING, IN GROUND MOUNT AT DG AND PAVERS

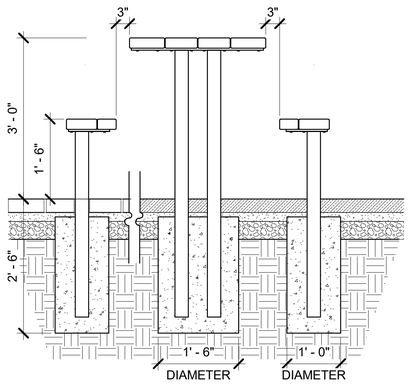
7 L4.12 BIKE RACK
3/4" = 1'-0"



FOOTING AT DG AND PAVERS

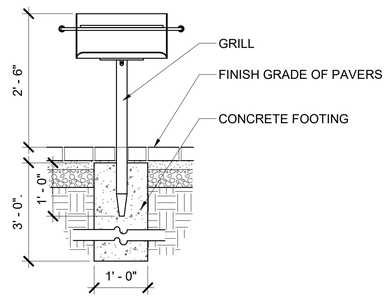
NOTES:
1. PRODUCT: STANDARD: 75-60D PICNIC TABLE; ADA: 75-80D; MATERIAL: THERMALLY MODIFIED RED OAK; INGROUND MOUNT; MANUFACTURER: DUMOR, WWW.DUMOR.COM, (800) 598-4018

8 L4.12 PICNIC TABLE
3/4" = 1'-0"

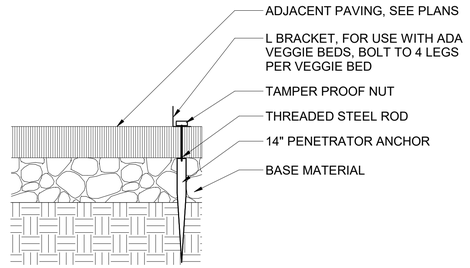


SECTION AT FOOTING

NOTES:
1. PRODUCT: 21 GRILL, INGROUND MOUNT; MANUFACTURER: DUMOR, WWW.DUMOR.COM, (800) 598-4018



9 L4.12 BBQ GRILL
3/4" = 1'-0"



SECTION

NOTES:
1. FOR ANCHORING ADA VEGGIE BEDS AND HOT COAL BINS IN PAVER AND DG PAVING AREAS, USE EARTH ANCHOR MOUNTING SYSTEM.
2. EARTH ANCHOR SYSTEM: 14" PENETRATOR WITH THREADED STEEL ROD AND SS TAMPER PROOF NUTS.
3. EARTH ANCHOR MANUFACATURER: AMERICAN EARTH ANCHORS, TELEPHONE: 866-520-8511, WEBSITE: WWW.AMERICANEARTHANCHORS.COM.

10 L4.12 EARTH ANCHOR SYSTEM
1 1/2" = 1'-0"

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT CATHERINE GARRETT RYAN
DEC. 31, 2026 Renewal Date
FEB. 19, 2025 Date
STATE OF CALIFORNIA
STAMP:

Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CA ncing
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

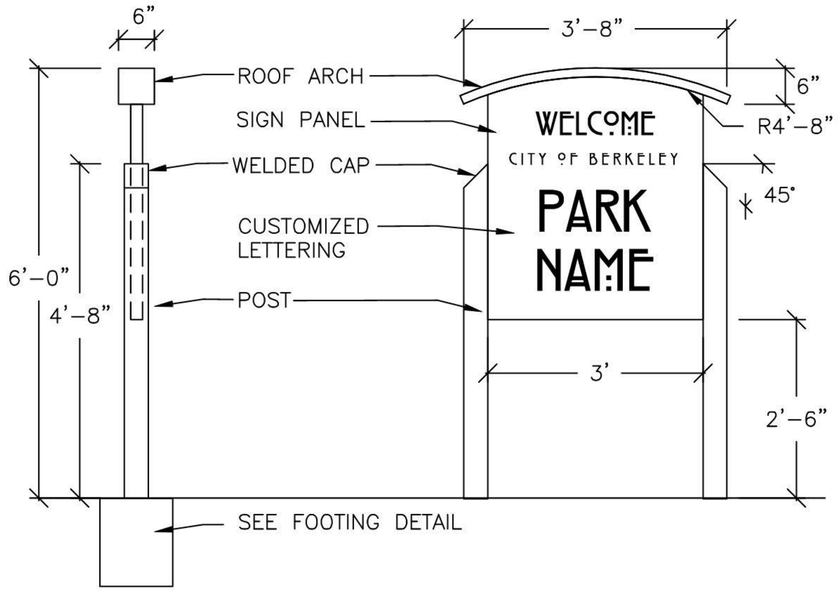
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE:
4/1/26
DATE:

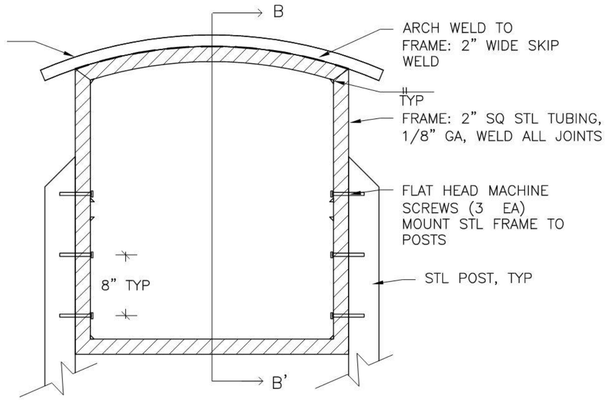
DETAILS - SITE FURNISHINGS
SHEET TITLE:

L4.12
SHEET NUMBER:

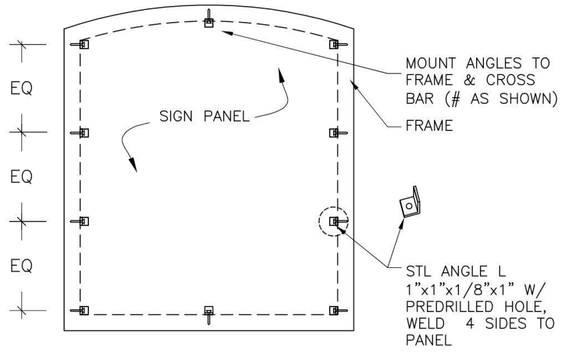
PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



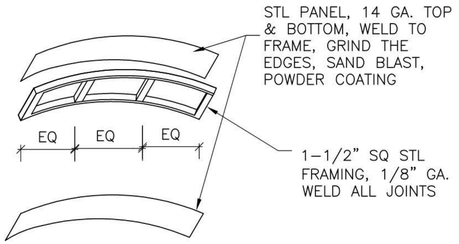
PARK MONUMENT SIGN



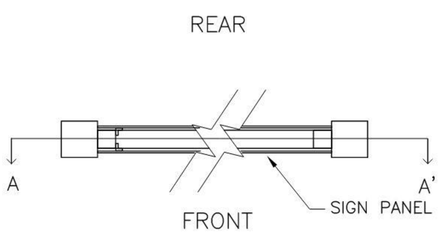
STEEL FRAME (NTS)



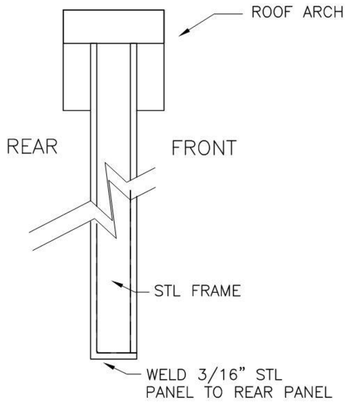
SECTION A-A (NTS)



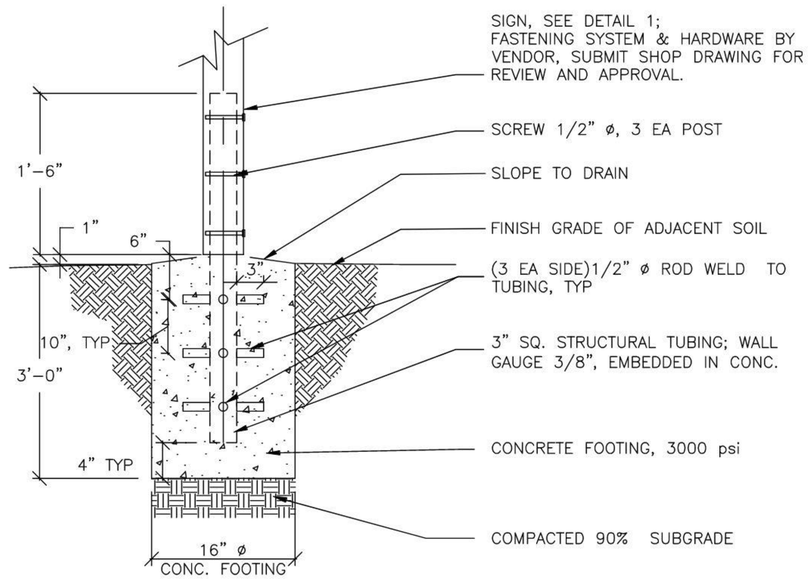
ROOF ARCH (NTS)



CROSS SECTION (NTS)



SECTION B-B (NTS)



FOOTING

SIGN NOTES:
1. SIGN STRUCTURE IS ROUNDED EDGE STEEL WITH POWDER–COATED FINISH, FORMED AND WELDED STEEL CONSTRUCTION. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL.
2. ALL SCREWS SHALL BE FLAT HEAD MACHINE SCREWS. STRUCTURE TUBING, POSTS, AND FRAME SHALL BE PRE–DRILLED AND TAPPED TO ACCEPT SCREWS.
3. STEEL SHALL BE CLEANED TO REMOVE DIRT AND GREASE, SAND BLASTED PRIOR TO POWDER COATING.
4. COLOR TO MATCH CITY STANDARD DESIGN: ROOF ARCH (ORANGE/YELLOW PMS 152); SIGN PANEL (GREEN PMS 357); POST (GRAY PMS 425), AND LETTERING (NO COLOR – ALUMINUM WITH BRUSHED METAL FINISH). SUBMIT COLOR SAMPLES FOR REVIEW AND APPROVAL.
5. REPAIR DAMAGED TURF OR SITE IMPROVEMENTS IN KIND OR BETTER.

SIGN POST:
4" SQ STEEL TUBING, WALL GAUGE:1/4", WEIGHT 12.21lb/ft, W/ WELDED CAP.

SIGN PANEL:
FABRICATED STEEL, 3/16" THICK. POWDER COATED, SINGLE OR DOUBLE SIDED.

SIGN LETTERING AND FONT:
PINNED (MOUNTED THROUGH) BRUSHED ALUMINUM CENTERED LETTERS (3/8" & 1/2") CLEAR COATED, RENNIE MACKINTOSH FONT. SUBMIT MOCK–UP ON SHOP DRAWINGS OF LETTERING SIZE AND SPACING FOR REVIEW AND APPROVAL.

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — CATHERINE GARRETT MANN — No. 6272 — DEC. 31, 2026 Renewal Date — FEB. 19, 2025 Date — STATE OF CALIFORNIA

PROJECT: Santa Fe Trackbed to Park Conversion Project Remediation, Demolition and Perin Berkeley, CAncing

PROJECT NUMBER: PRWPK2102

CLIENT: City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

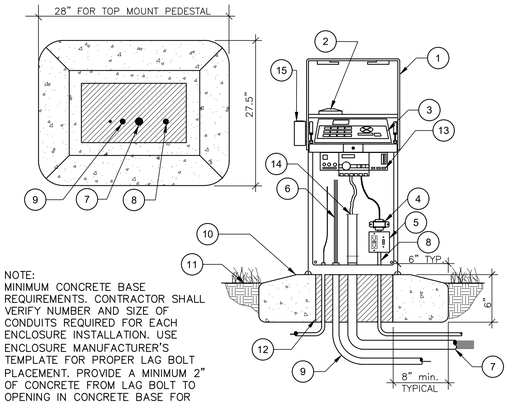
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2/BID SET

BID SET
ISSUE: 4/1/26
DATE:

SHEET TITLE: DETAILS - PARK MONUMENT SIGN

SHEET NUMBER: L4.13

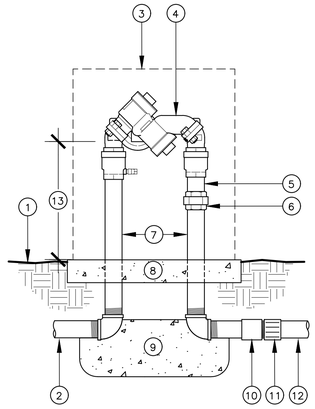
PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



NOTE:
MINIMUM CONCRETE BASE REQUIREMENTS. CONTRACTOR SHALL VERIFY NUMBER AND SIZE OF CONDUITS REQUIRED FOR EACH ENCLOSURE INSTALLATION. USE ENCLOSURE MANUFACTURER'S TEMPLATE FOR PROPER LAG BOLT PLACEMENT. PROVIDE A MINIMUM 2" OF CONCRETE FROM LAG BOLT TO OPENING IN CONCRETE BASE FOR CONCRETE BASE FOR CONDUIT.

1. STAINLESS STEEL AUTOMATIC CONTROLLER ENCLOSURE ASSEMBLY. SEE IRRIGATION LEGEND FOR MAKE AND MODEL.
2. LOW PROFILE ANTENNA.
3. WEATHERTRAK ET PRO3 2–WIRE SERIES CONTROLLER. SEE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. CONTROLLER TRANSFORMER.
5. GFI ON/OFF POWER SWITCH RECEPTACLE. (OPTIONAL)
6. OPTIONAL CONVENTIONAL FLOW SENSOR CABLE AND MASTER VALVE WIRES PER SPECIFICATIONS.
7. 3" PVC SWEEP ELL AND CONDUIT FOR 2–WIRE COMMUNICATION CABLE/S.
8. 1" PVC SWEEP ELL AND CONDUIT FOR 120 VAC FROM METERED POWER SUPPLY.
9. 2" PVC SWEEP ELL AND CONDUIT FOR OPTIONAL CONVENTIONALLY WIRED FLOW SENSOR AND MASTER VALVE WIRES.
10. POURED CONCRETE BASE. SLOPE TO DRAIN.
11. FINISH GRADE. 2" BELOW TOP OF CONCRETE BASE.
12. FILL VOIDS WITH CONCRETE SLURRY MIX.
13. UNIVERSAL RADIO REMOTE INTERFACE. (TYPICAL)
14. NEATLY BUNDLE WIRES AND SECURE WITH WIRE TIES. (TYPICAL)
15. RAIN SENSOR WITHIN VIT RAIN SENSOR ENCLOSURE (PT# RGVRSS) PER SPEC.

1 WEATHERTRAK ET PRO3 2-WIRE TOP ENTRY ENCLOSURE
L5.00 SCALE: NTS



1. FINISH GRADE
2. FROM WATER METER OR P.O.C.
3. ENCLOSURE ASSEMBLY
4. BACKFLOW PREVENTER
5. 4" PIPE NIPPLE
6. UNION
7. PIPE NIPPLES–– LENGTH AS REQ'D.
8. ENCLOSURE MOUNTING PER MANUFACTURER'S SPECIFICATIONS
9. CONCRETE THRUST BLOCK
10. THREADED COUPLING
11. PVC MALE ADAPTER
12. PVC MAINLINE
13. 12" MINIMUM

2 BACKFLOW PREVENTER & ENCLOSURE
L5.00 SCALE: NTS

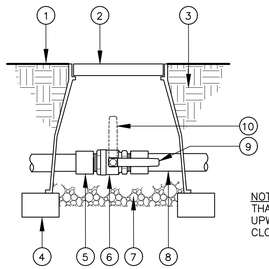
IRRIGATION LEGEND

SYMBOL	MODEL	DESCRIPTION	PSI	GPM
▪	PCB-25	HUNTER PRESSURE COMPENSATING BUBBLER INSTALL ON FLEX PVC RISER	30	0.25
◉	RZWS-18-25-CV	HUNTER ROOT ZONE WATERING SYSTEM	30	0.25
Ⓐ Ⓑ Ⓒ	WTPRO3-C-2W-SPT/ANT-LTE-P	WEATHERTRAK CONTROLLER - PEDESTAL ASSEMBLY, WITH CELLULAR COMMUNICATION MODEM & ANTENNA		
⧓	825YA - 1" GS-1	FEBCO BACKFLOW PREVENTER - INSTALL WITH GUARDSHACK ENCLOSURE		
▦	WTF3-150-PD-NC	WEATHERTRAK HYDROMETER - NORMALLY CLOSED INCLUDES SUBMETER, FLOW SENSOR & MASTER VALVE		
⋈	T-585-70	NIBCO FULL PORT BALL VALVE - LINE SIZE		
◔	100-EFB-CP	RAIN BIRD REMOTE CONTROL VALVE		
⊕	DRIP OR SUBSURFACE IRRIGATION CONTROL VALVE ASSEMBLY, TO INCLUDE: 100-PEB PR-100-L-40 PR-100-M-40 4EH-1A-150	 RAIN BIRD REMOTE CONTROL VALVE JAIN 40# PRESSURE REGULATOR - ZONES UP TO 8 GPM JAIN 40# PRESSURE REGULATOR - ZONES HIGHER THAN 8 GPM JAIN FILTER		
▣	33 DNP	RAIN BIRD QUICK COUPLING VALVE		
▲		CONNECTION FROM PVC LATERAL LINE TO SUBSURFACE OR POINT SOURCE DRIP IRRIGATION.		
——·——		MAINLINE: SCH 40 PVC SOLVENT WELD PIPE WITH SCH 40 PVC SOLVENT WELD FITTINGS-18" COVER. ALL MAINLINE TO BE SIZE 1-1/2" UNLESS OTHERWISE NOTED ON PLAN.		
——		LATERAL LINE: SCH 40 PVC SOLVENT WELD PIPE WITH SCH 40 PVC SOLVENT WELD FITTINGS-12" COVER. ALL MAINLINE TO BE SIZE 3/4" UNLESS OTHERWISE NOTED ON PLAN.		
= = = =		SLEEVE: SCH 40 PVC, SIZE AS NOTED ON PLAN.		
		POINT SOURCE DRIP IRRIGATION - HUNTER HEB-40 PRESSURE COMPENSATING EMITTERS, INSTALL ON FLEX PVC RISER. ONE EMITTER PER PLANT.		
		SUBSURFACE DRIP IRRIGATION - NO-MOW TURF AREAS ONLY: HUNTER ECO-MAT, 0.6 GPH EMITTER FLOW, 12" EMITTER SPACING, 14" ROW SPACING, 4" SOIL COVER.		

CONTROLLER / STATION NUMBER
APPROXIMATE GPM THROUGH VALVE
APPROXIMATE PRECIPITATION RATE ("/HR)

A - 1	1"
20	30
0.25	

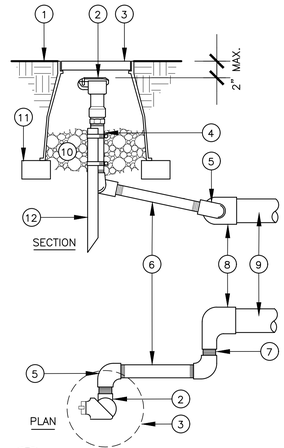
REMOTE CONTROL VALVE SIZE
ZONE OPERATING PRESSURE (PSI)



1. FINISH GRADE
2. VALVE BOX
3. AMENDED PLANTER SOIL
4. BRICK, 2 REQ'D.
5. PVC MALE ADAPTER
6. BRONZE BALL VALVE
7. DRAIN ROCK
8. PVC MAINLINE
9. OPERATING HANDLE – OPEN POSITION
10. OPERATING HANDLE – CLOSED POSITION

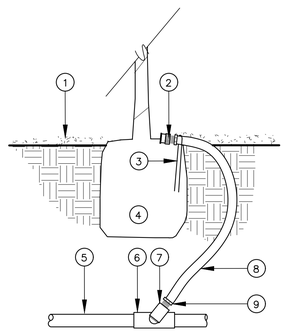
NOTE: ORIENT BALL VALVE SUCH THAT OPERATING HANDLE POINTS UPWARD AS SHOWN WHEN IN CLOSED POSITION.

3 MAINLINE ISOLATION BALL VALVE
L5.00 SCALE: NTS



1. FINISH GRADE
2. QUICK COUPLER
3. VALVE BOX
4. SCH. 80 PVC NIPPLE 4" LONG
5. SCH. 80 90° ELL, TxT, 3 REQ'D.
6. SCH. 80 PVC NIPPLE, LENGTH AS REQUIRED
7. 3" SCH. 80 PVC NIPPLE, 2 REQ'D.
8. FEMALE ADAPTER OR SxT ELL
9. MAINLINE
10. DRAIN ROCK
11. BRICK, 2 REQ'D
12. 3/4" X 24" ANGLE IRON BRACE – SECURE TO ASSEMBLY WITH TWO STAINLESS STEEL ADJUSTABLE CLAMPS

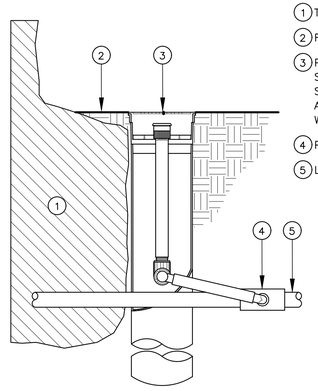
4 QUICK COUPLING VALVE
L5.00 SCALE: NTS



1. FINISH GRADE WITH MULCH COVER
2. BUBBLER OR EMITTER
3. WIRE STAPLE INTO ROOTBALL
4. ROOTBALL
5. LATERAL LINE
6. SxSxT TEE
7. SCH 40 PVC STREET ELL
8. 1/2" IPS FLEX PVC TUBE
9. MALE ADAPTER

INSTALL BUBBLER ON TOP OF ROOTBALL. STAKE IN PLACE WITH WIRE STAPLE AND COVER WITH MULCH.

5 BUBBLER OR EMITTER ON FLEX RISER
L5.00 SCALE: NTS



1. TREE ROOT BALL
2. FINISH GRADE
3. PRE–ASSEMBLED ROOT WATERING SYSTEM, INCLUDING BUBBLER, SWING JOINT ASSEMBLY, AND DRAIN CANISTER WITH DRAIN GRATE CAP.
4. PVC TEE OR ELL, SxT
5. LATERAL LINE

6 ROOT ZONE WATERING SYSTEM
L5.00 SCALE: NTS

800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP:

PROJECT: **Santa Fe Trackbed to Park Conversion Project** — Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley** — **2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704**

CONSULTANTS:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
NATRON CONSULTING ENGINEERS
1480 MORAGA RD, SUITE C # 229
SAN FRANCISCO, CA 94556
TEL: (510) 868-0701

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

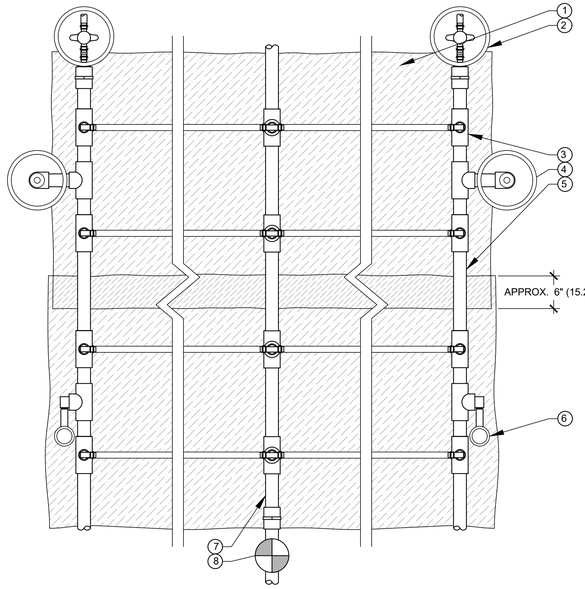
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 1/BID SET

BID SET
ISSUE: **4/1/26**
DATE:

SHEET TITLE: **IRRIGATION LEGEND & DETAILS**

SHEET NUMBER: **L5.00**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



LEGEND:

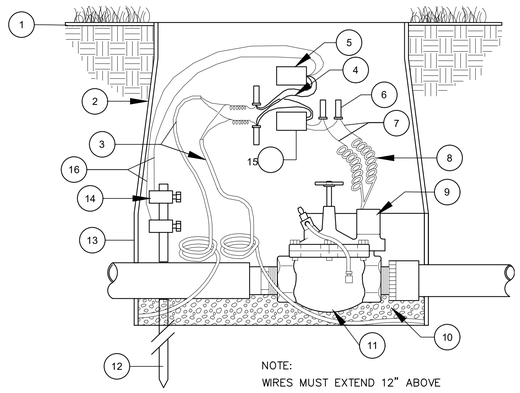
1. ECO-MAT PER PLAN
2. FLUSH POINT (PLD-BV) IN SUBTERRANEAN BOX PER PLAN
3. PVC TO DRIP LINE TUBING CONNECTION (PLD OR PLD-LOC FITTINGS) TYP.
4. AIR RELIEF VALVE IN VALVE BOX
5. PVC EXHAUST HEADER - SIZE PER PLAN
6. ECO-INDICATOR ON SWING ARM
7. PVC SUPPLY HEADER - SIZE PER PLAN
8. DRIP CONTROL ZONE KIT PER PLAN

NOTES
AIR RELIEF VALVE (PLD-AVR) INSTALLED IN VALVE BOX AT OPTIMAL HIGHEST POINT FROM CONTROL ZONE KIT. MULTIPLE AIR RELIEF VALVES MAY BE NEEDED TO ACCOMMODATE DIFFERENCES IN GRADE.

ECO-INDICATOR TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT IN CLEAR VIEW WHEN POPPED UP.

FLUSH POINT TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT TO ALLOW FOR MAXIMUM DEBRIS FLUSH IN SYSTEM.

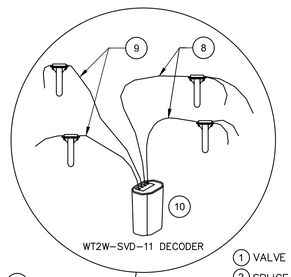
1 ECO-MAT SYSTEM AT NO-MOW TURF
L5.01 SCALE: NTS

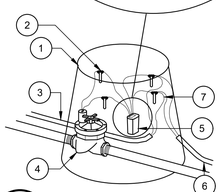


NOTE:
WIRES MUST EXTEND 12" ABOVE VALVE BOX FOR SERVICE.

1. FINISH GRADE
2. VALVE BOX
3. 2-WIRE COMMUNICATION PATH
4. BLUE WIRES TO 2-WIRE COMMUNICATION PATH
5. WT2W-LSP SURGE ARRESTOR (YELLOW CASE)
6. 3M DBR/Y-6 SPLICE
7. WHITE WIRES TO SOLENOID
8. EXPANSION COILS
9. SOLENOID
10. GRAVEL
11. ELECTRIC VALVE AS REQUIRED
12. 5/8" DIA. X 8' COPPER CLAD GROUND ROD DRIVEN INTO GROUND WITH TOP OF ROD A MIN. OF 6" BELOW GRADE. 50 OHMS OR LESS.
13. EXTENSION (LENGTH AS REQUIRED)
14. BRASS CLAMP
15. WT2W-SVD-11 DECODER (BLUE CASE)
16. GROUND WIRE OF WT2W-LSP CONNECTED TO GROUND ROD USING BRASS CLAMP.

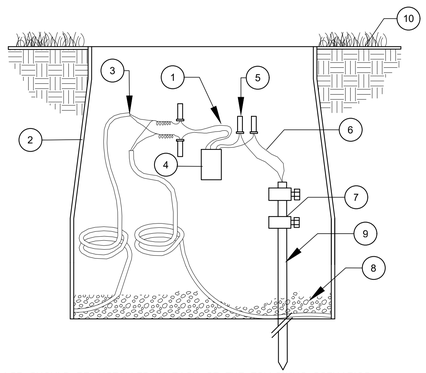
2 WEATHERTRAK 2-WIRE DECODER, SURGE PROTECTOR AND VALVE DETAIL
L5.01 SCALE: NTS





1. VALVE BOX
2. SPLICE (WHITE)
3. 2-WIRE PATH
4. STATION CONTROL VALVE
5. 2-WIRE STATION DECODER
6. 2-WIRE PATH
7. SPLICE (BLUE)
8. WHITE WIRES TO VALVE SOLENOID
9. BLUE WIRES CONNECT TO 2-WIRE PATH
10. LABEL DECODER WITH STATION NUMBER

3 WEATHERTRAK 2-WIRE DECODER WIRING
L5.01 SCALE: NTS



1. BLUE WIRES TO 2-WIRE COMMUNICATION PATH
2. VALVE BOX
3. 2-WIRE COMMUNICATION PATH
4. WT2W-LSP SURGE ARRESTOR (YELLOW CASE)
5. 3M DBR/Y -6 SPLICE
6. GROUND WIRE OF WT2W-LSP CONNECTED TO GROUND ROD USING BRASS CLAMPS
7. BRASS CLAMPS
8. GRAVEL
9. 5/8" DIA. X8 COPPER CLAD GROUND ROD DRIVEN INTO GROUND WITH TOP OF ROD A MIN OF 6" BELOW GRADE. 50 OLMS OR LESS.
10. FINISHED GRADE

NOTE:
WIRES MUST EXTEND 12" ABOVE VALVE BOX FOR SERVICE.

THE WT2W-LSP SHOULD BE INSTALLED IN EACH OF THE FOLLOWING SCENARIOS:
1. NEAR THE WEATHERTRAK ET PRO 3 2-WIRE CONTROLLER: THE WT2W-LSP SHOULD BE SPLICED INTO EACH 2-WIRE PATH IMMEDIATELY AFTER THE CONTROLLER IN THE CLOSEST LOCATION THAT THE WT2W-LSP CAN PROPERLY BE GROUNDED; THIS PROVIDES SURGE PROTECTION FOR THE WEATHERTRAK ET PRO3 2-WIRE CONTROLLER.
2. ALONG 2-WIRE PATH: THE WT2W-LSP SHOULD BE SPECIFIED INTO THE 2-WIRE PATH EVERY 500 FT OR EVERY 5 DECODERS, WHICHEVER IS SMALLER, AND AT THE END OF ANY 2-WIRE PATH BRANCH LONGER THAN 25 FT.
3. AT THE END OF THE 2-WIRE PATH: THE WT2W-LSP SHOULD BE INSTALLED AT THE END OF EACH 2-WIRE PATH BRANCH 25 FT OR LONGER WHEN USING A STAR CONFIGURATION.

4 WEATHERTRAK 2-WIRE LINE SURGE PROTECTOR INSTALLATION DETAIL
L5.01 SCALE: NTS

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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP: LICENSED LANDSCAPE ARCHITECT — GEORGINE GARRETT PROCTOR — No. 6440 — DEC. 31, 2026 — REGISTERED — APR. 1, 2026 — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project** — Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley** — **2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704**

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: NATRON CONSULTING ENGINEERS, 1480 MORAGA RD, SUITE C # 229, SAN FRANCISCO, CA 94556, TEL: (510) 868-0701

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

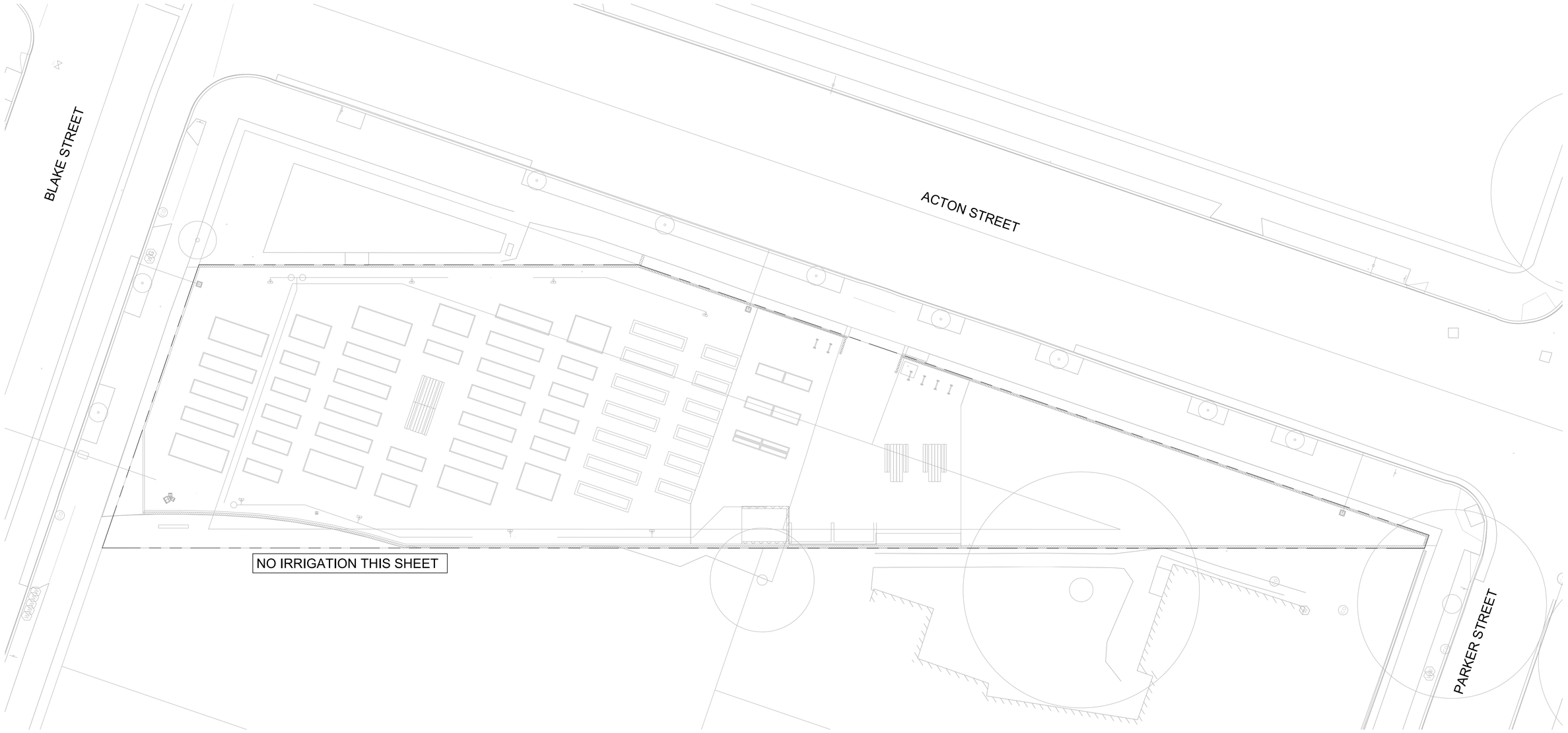
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 1/BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **IRRIGATION DETAILS**

SHEET NUMBER: **L5.01**

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



NO IRRIGATION THIS SHEET

SEE SHEET L5.00 FOR IRRIGATION LEGEND

0 5 10 15 25ft

N

PRWPK2012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

STAMP:

LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT MIG
DEC. 31, 2026
RENEWAL DATE
APR 1, 2026
BLKR
STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project**

Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **City of Berkeley**

2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
NATRON CONSULTING ENGINEERS
1480 MORAGA RD, SUITE C # 229
SAN FRANCISCO, CA 94556
TEL: (510) 868-0701

SPEC NO. 26-11757-C

PLAN NO. 8288

FILE NO. 406-222

REVISION

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	4/1/2026	PERMIT RESUBMITTAL 1/BID SET

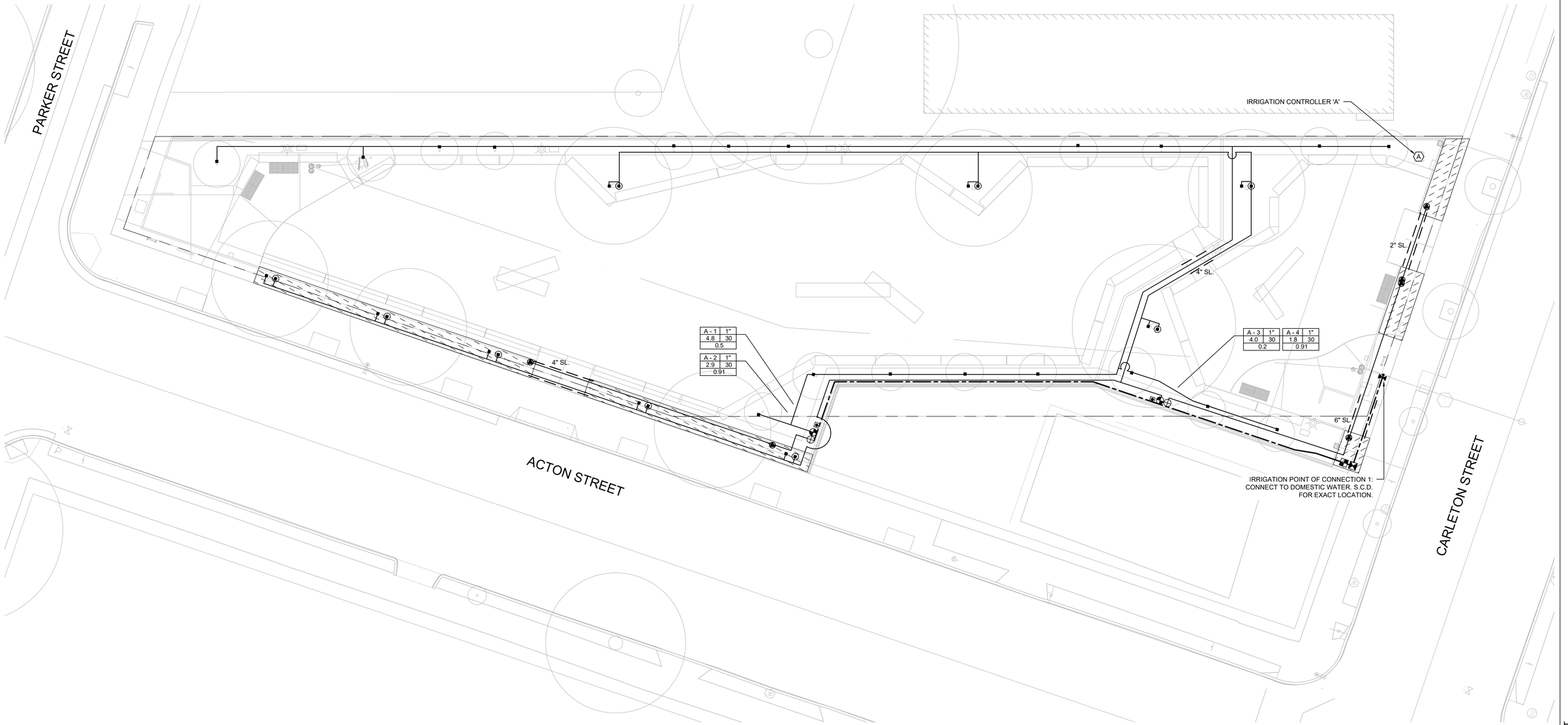
BID SET

ISSUE: **4/1/26**

DATE:

SHEET TITLE: **IRRIGATION PLAN - BLAKE TO PARKER**

SHEET NUMBER: **L5.02**



SEE SHEET L5.00 FOR IRRIGATION LEGEND

0 5 10 15 25ft

N

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT
CATHERINE CARROLL MIG, INC.
Expiration
DEC. 31, 2026
Renewal Date
APR 1, 2026
ALL
STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project

Berkeley, CA

PROJECT:

PRWPK2102

PROJECT NUMBER:

City of Berkeley

2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
NATRON CONSULTING ENGINEERS
1480 MORAGA RD, SUITE C # 229
SAN FRANCISCO, CA 94556
TEL: (510) 868-0701

CONSULTANTS:

SPEC NO. 26-11757-C

PLAN NO. 8288

FILE NO. 406-222

REVISION

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	4/1/2026	PERMIT RESUBMITTAL 1/BID SET

BID SET

ISSUE:

4/1/26

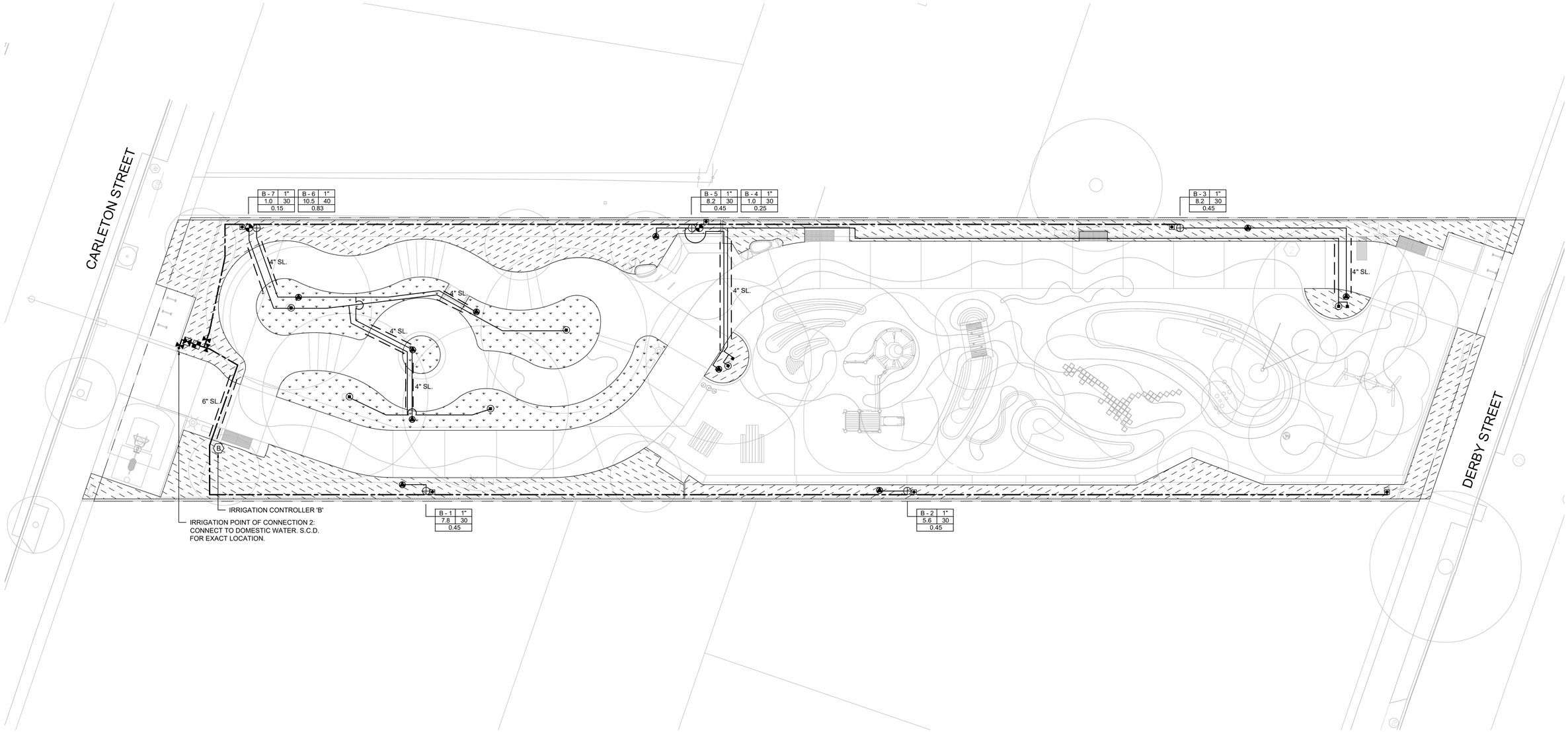
DATE:

IRRIGATION PLAN - PARKER TO CARLETON

SHEET TITLE:

L5.03

SHEET NUMBER:



SEE SHEET L5.00 FOR IRRIGATION LEGEND

0 5 10 15 25ft

N

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT
CATHERINE GARRETT PGA
No. 6288
DEC. 31, 2026
Renewal Date
STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project

Berkeley, CA

PROJECT:

PRWPK2102

PROJECT NUMBER:

City of Berkeley

2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
NATRON CONSULTING ENGINEERS
1480 MORAGA RD, SUITE C # 229
SAN FRANCISCO, CA 94556
TEL: (510) 868-0701

CONSULTANTS:

SPEC NO. 26-11757-C

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REVISION

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	4/1/2026	PERMIT RESUBMITTAL 1/BID SET

BID SET

ISSUE:

4/1/26

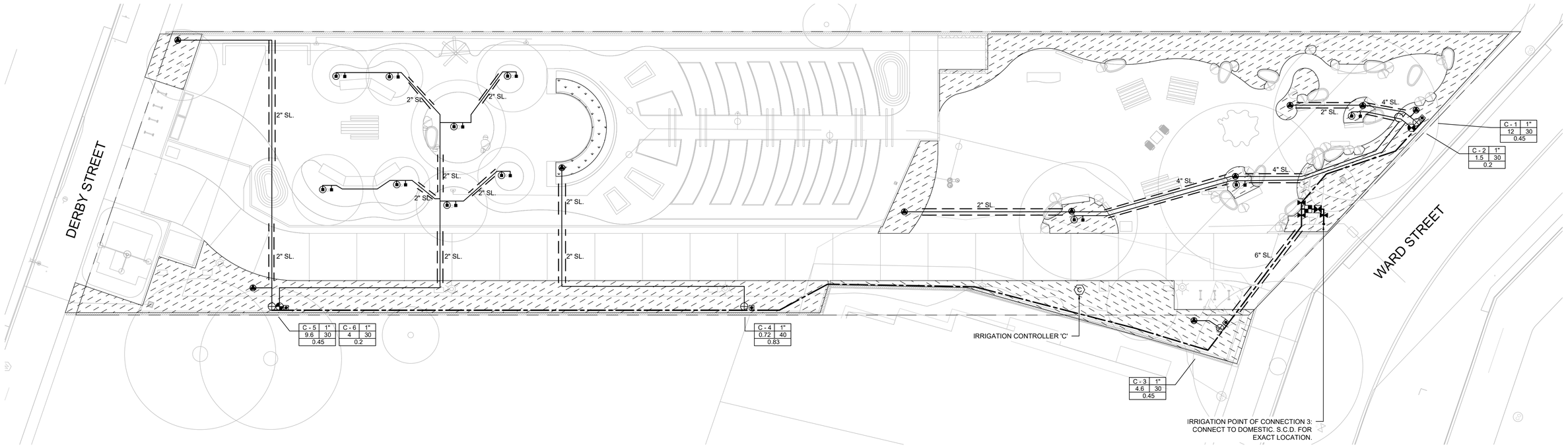
DATE:

IRRIGATION PLAN - CARLETON TO DERBY

SHEET TITLE:

L5.04

SHEET NUMBER:



MODEL WATER EFFICIENT LANDSCAPE ORDINANCE WORKSHEET

PROJECT INFORMATION

DATE:	10/17/2025
PROJECT APPLICANT:	CITY OF BERKELEY
PROJECT ADDRESS:	BLAKE STREET TO WARD STREET BERKELEY, CA 94704
PROJECT APPLICANT CONTACT:	STACEY RUTHERFORD, P.E. CITY OF BERKELEY – DEPT OF PARKS, RECREATION & WATERFRONT 1947 CENTER ST., 5TH FLOOR, BERKELEY, CA 94704 (510) 981-6738 srutherford@berkeleyca.gov
PROJECT OWNER:	CITY OF BERKELEY – DEPT OF PARKS, RECREATION & WATERFRONT 1947 CENTER ST., 5TH FLOOR, BERKELEY, CA 94704 (510) 981-6738 srutherford@berkeleyca.gov
TOTAL LANDSCAPE AREA:	8621 SQUARE FEET
PROJECT TYPE:	NEW/PUBLIC
WATER SUPPLY TYPE:	POTABLE
APPLICANT SIGNATURE AND DATE:	

MWELO CERTIFICATION

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

LANDSCAPE ARCHITECT SIGNATURE AND DATE _____ 10/17/2025

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.

LANDSCAPE ARCHITECT OR
IRRIGATION DESIGNER SIGNATURE AND DATE Robert Tovar 10/17/2025

WATER EFFICIENT LANDSCAPE WORKSHEET

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package.

Project Applicant: City of Berkeley
Phone Number (if available): (510) 981-6738
Project Address: 1423 Ward, 1400-1401 Carleton
Date: 10/17/25
(Eto*) (in./year): 41.8

Maximum Applied Water Allowance (MAWA):

MAWA = Eto* x 0.62 x [ETAF x RLA + 1.0 x SLA] = 100,540 (Annual Gallons Allowed)

The maximum ETAF allowed in the MAWA equation must be equal to or below: ETAF for MAWA is: 0.45

0.55 - for residential regular landscape areas (RLA)
0.45 - for non-residential regular landscape areas (RLA)
1.0 - for special landscape areas (SLA

RLA Total: 8,621
SLA Total: 0

Estimated Total Water Use (ETWU) Table: (see instructions)

A Hydrozone (Number, letter, or other designation)	B Plant Factor[B] "PF"	C Irrigation Efficiency[C] "IE"	D Evapotranspiration Adjustment Factor ETAF = PF / IE	E Hydrozone Area (sq. ft.)	F Estimated Water Use "EWU" = D x E x Eto* x 0.62 (gallons/year)
A-1 TREES	0.3	0.81	0.37	76	729
A-2	0.3	0.81	0.37	429	4,114
A-3 TREES	0.3	0.81	0.37	64	614
A-4	0.3	0.81	0.37	213	2,042
B-1	0.3	0.81	0.37	833	7,988
B-2	0.3	0.81	0.37	758	7,268
B-3	0.3	0.81	0.37	789	7,566
B-4 TREES	0.3	0.81	0.37	8	77
B-5	0.3	0.81	0.37	1,128	10,816
B-6	0.3	0.81	0.37	1,222	11,718
B-7 TREES	0.3	0.81	0.37	16	153
C-1	0.3	0.81	0.37	1,302	12,485
C-2 TREES	0.3	0.81	0.37	12	115
C-3	0.3	0.81	0.37	518	4,967
C-4	0.3	0.81	0.37	86	825
C-5	0.3	0.81	0.37	1,135	10,883
C-6 TREES	0.3	0.81	0.37	32	307
SLA -	(n/a)	(n/a)	1.0		0
SLA -	(n/a)	(n/a)	1.0		0
SLA -	(n/a)	(n/a)	1.0		0
ETWU Total	(n/a)	(n/a)	(n/a)	(n/a)	82,667
MAWA[B]	(n/a)	(n/a)	(n/a)	(n/a)	100,540

[A] Annual Eto for the nearest City from Appendix C

[B] Plant Factor (PF) from WUCOLS:
Very Low = (-) less than 0.1
Low = 0.1 - 0.3
Moderate = 0.4- 0.6
High = 0.7 - 1.0

[C] Average Irrigation System Efficiency (IE):
Overhead Irrigation = 0.75
Drip Irrigation = 0.81

SEE SHEET L5.00 FOR IRRIGATION LEGEND

0 5 10 15 25ft

N

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800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

LICENSED LANDSCAPE ARCHITECT CATHERINE GARRETT MARTIN
EXPIRATION DATE: DEC. 31, 2026
RENEWAL DATE: APR. 1, 2026
STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
NATRON CONSULTING ENGINEERS
1480 MORAGA RD, SUITE C # 229
SAN FRANCISCO, CA 94556
TEL: (510) 868-0701
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 1/BID SET

BID SET
ISSUE: 4/1/26
DATE:

IRRIGATION PLAN - DERBY TO WARD
SHEET TITLE:

L5.05
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

GENERAL NOTES

1. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. THE GEOTECHNICAL REPORT IS AN INTEGRAL PART OF THE CONTRACT DOCUMENTS AND ALL EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED THEREIN.
2. SHOULD IT APPEAR THAT THE WORK OUTLINED ON THESE PLANS IS NOT SUFFICIENTLY DETAILED OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE OWNER BEFORE PROCEEDING WITH THE WORK IN QUESTION AND REQUEST CLARIFICATION.
3. WHEN SPECIFICATIONS OR STANDARDS FROM DIFFERENT AUTHORITIES DIFFER FOR THE SAME SUBJECT MATTER, NOTIFY OWNER FOR CLARIFICATION.
4. CONSTRUCTION STAKING SHALL BE PERFORMED BY A LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA.
5. UTILITIES AND UNDERGROUND FACILITIES INDICATED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH WITH THE APPROPRIATE AGENCIES AND /OR FIELD INVESTIGATION.
6. THE CONTRACTOR OR ANY SUBCONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT ONE CALL PROGRAM 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER 811. EXCAVATION IS DEFINED AS REMOVING MATERIAL 18 INCHES OR MORE BELOW EXISTING GRADE.
7. THE CONTRACTOR SHALL ADJUST TO FINAL GRADE EXISTING AND/OR NEW MANHOLES, CURB INLETS, CATCH BASINS, VALVES, VAULTS, MONUMENT COVERS, AND OTHER CASTINGS WITHIN THE WORK AREA TO FINAL GRADE IN PAVEMENT AND LANDSCAPE AREAS, UNLESS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL POST ON SITE EMERGENCY TELEPHONE NUMBERS FOR AMBULANCE, POLICE, FIRE DEPARTMENTS, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOB SITE.
9. THE CONTRACTOR SHALL MAINTAIN ON-SITE AND IN ALL VEHICLES A COPY OF THE SPILL PREVENTION AND RESPONSE PLAN AND SHALL BE KNOWLEDGEABLE OF THE REPORTING REQUIREMENTS AND PROCEDURES.
10. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME 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 SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.
11. CONTRACTOR SHALL COMPLY WITH STATE, COUNTY AND CITY LAWS AND ORDINANCES; AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, OSHA AND INDUSTRIAL ACCIDENT COMMISSION RELATING TO SAFETY AND CHARACTER OF WORK, EQUIPMENT AND LABOR PERSONNEL.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING DUST CONTROL 24-HOUR PER DAY. DUST CONTROL MEASURES SHALL BE APPLIED AS NECESSARY, OR AS DIRECTED BY THE CITY OF BERKELEY TO PREVENT THE TRANSPORT OFF-SITE OF ANY DUST OR OTHER AIRBORNE NUISANCE.
13. TREE PROTECTION FENCING SHALL BE PROVIDED AT THE DRIP LINE AROUND TREES TO REMAIN. ANY EXCAVATION REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE BY HAND EXCAVATION OR AIR ONLY AND THE CONTRACTOR SHALL AVOID DAMAGE TO THE TREE'S ROOTS. WHEN CUTTING ROOTS IS UNAVOIDABLE, THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OF A CERTIFIED ARBORIST.
14. TRUCKS HAULING DIRT AND DEBRIS SHALL BE COVERED TO REDUCE WINDBLOWN DUST SPILLS.
15. ON-SITE STOCKPILES OF IMPORTED AND EXCAVATED MATERIAL TO BE LEFT IN PLACE FOR MORE THAN 24 HOURS SHALL BE COVERED AND WATERED TO PREVENT DUST AND RUNOFF.
16. DURING CONSTRUCTION, THE PUBLIC STREETS SHALL BE CLEANED AS OFTEN AS REQUIRED TO REMOVE ACCUMULATION OF MUD AND DEBRIS RESULTING FROM CONSTRUCTION. IF IMPORT OR EXPORT OF DIRT IS NECESSARY, THE CONTRACTOR SHALL OBTAIN AN APPROVAL FOR THE HAULING ROUTE FROM THE CITY OF BERKELEY PUBLIC WORKS. THE HAULING ROUTES SHALL BE STRICTLY ADHERED TO BY THE CONTRACTOR AND SUBCONTRACTORS.
17. STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT ON CITY STREETS WILL NOT BE PERMITTED.
18. CONSTRUCTION EQUIPMENT, TOOLS, ETC. SHALL NOT BE CLEANED OR RINSED INTO A STREET, GUTTER, OR STORM DRAIN.
19. TRAFFIC CONTROL SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
20. THE CONTRACTOR SHALL MAINTAIN THE WORKSITE AND ADJACENT AREAS IN A CLEAN AND ORGANIZED MANNER THROUGHOUT THE PROJECT DURATION.
21. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SITE FEATURES/STRUCTURES NOT SPECIFICALLY SHOWN TO BE REMOVED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL MITIGATION TO DAMAGED SITE FEATURES/STRUCTURES.
22. THE COST OF PROTECTION AND/OR REPAIR OF THE CONTRACTOR'S WORK AS AFFECTED BY STORMWATER DURING A STORM EVENT SHALL BE THE CONTRACTOR'S RESPONSIBILITY UNTIL THE IMPROVEMENTS HAVE BEEN ACCEPTED BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT PROPERTIES OR IMPROVEMENTS AS A RESULT OF NOT PROTECTING SUCH AREAS FROM STORMWATER FLOWING BEYOND THE WORK AREA.
23. THE COST OF CORRECTIVE WORK REQUIRED FOR COMPLETION AND/OR ACCEPTANCE OF THE WORK NECESSITATED BECAUSE OF UNSATISFACTORY WORKMANSHIP OR MATERIALS OR DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
24. THE WORK SITE SHALL BE CLEANED AND LEFT FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE BY THE CONTRACTOR AT THE END OF EACH WORK DAY.
25. CHAPTER 33 OF THE CALIFORNIA FIRE CODE (CFC) SHALL BE FOLLOWED FOR AREAS UNDER CONSTRUCTION. FIRE HYDRANTS SHALL COMPLY WITH 2019 CFC, APPENDIX C, TABLE 102.1.
26. THE CONTRACTOR SHALL ABIDE BY THE RULES AND REGULATIONS OF THE STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS PERTAINING TO EXCAVATIONS AND TRENCHES.

CIVIL SCOPE OF WORK

THE CIVIL SCOPE OF WORK INCLUDES:
GRADING, DRAINAGE/ STORMWATER MANAGEMENT, UTILITIES AND THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS THROUGHOUT THE CONSTRUCTION DURATION.

APPLICABLE CODES AND STANDARDS

THE DESIGN SHOWN IN THESE DRAWINGS WAS BASED UPON THE FOLLOWING STANDARDS. IN THE EVENT OF CONFLICTING REQUIREMENTS, THE WORK SHALL FOLLOW THE MORE STRINGENT STANDARD OR THE ORDER LISTED BELOW.

1. CITY OF BERKELEY STANDARD SPECIFICATIONS AND DETAILS
2. ALAMEDA COUNTY C.3 STORMWATER TECHNICAL GUIDANCE

EXISTING CONDITIONS

1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS IS BASED ON THE SURVEY PREPARED BY MNS ENGINEERS IN SEPTEMBER AND DECEMBER OF 2022, ON THE CITY OF BERKELEY DATUM. GRADES ENCOUNTERED ON-SITE MAY VARY FROM THOSE SHOWN. CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS AND CONDUCT FIELD INVESTIGATIONS TO VERIFY EXISTING CONDITIONS AT THE PROJECT SITE.
2. THIS TOPOGRAPHIC SURVEY IS NOT MEANT TO BE A FULL CATALOG OF EXISTING CONDITIONS. INFORMATION REGARDING EXISTING SURFACE OR SUBSURFACE IMPROVEMENTS AND UTILITIES SHOWN ON THESE PLANS REFLECTS INCOMPLETE AVAILABLE INFORMATION AS OF THE DATE OF DESIGN. CONTRACTOR SHALL CONDUCT FIELD INVESTIGATIONS AS REQUIRED TO VERIFY THE LOCATION AND ELEVATION OF EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES (WHETHER SHOWN ON THESE PLANS OR NOT) PRIOR TO THE COMMENCEMENT OF WORK. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS IN THE FIELD AND INFORMATION SHOWN ON THESE PLANS.

DEMOLITION NOTES

1. SEDIMENT AND EROSION CONTROL MEASURES, AS SPECIFIED IN THE ATTACHED EROSION CONTROL PLAN AND DETAILS, SHALL BE INSTALLED PRIOR TO START OF DEMOLITION.
2. THE CONTRACTOR SHALL PHOTO DOCUMENT EXISTING CONDITIONS OF ADJACENT BUILDINGS AND STRUCTURES PRIOR TO COMMENCEMENT OF WORK.
3. ALL AREAS TO BE IMPROVED SHALL BE STRIPPED OF CONCRETE, LOOSE SURFACE SOIL, VEGETATION, ASPHALT, UTILITY CONDUIT, FOUNDATIONS AND BASE LAYERS, UNLESS OTHERWISE INDICATED. ANY RESULTING EXCAVATIONS THAT EXTEND BELOW FINISHED SUBGRADE SHALL BE BACKFILLED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
4. ALL EXCAVATED AND DEMOLISHED MATERIALS NOT SPECIFIED TO BE REUSED SHALL BE IMMEDIATELY DISPOSED OF ACCORDING TO LOCAL REGULATIONS AND REQUIREMENTS AND NOT ALLOWED TO STOCKPILE ON SITE.
5. ALL PAVEMENT, FLATWORK AND STRUCTURES TO BE PARTIALLY REMOVED SHALL BE NEATLY SAWCUT TO FORM A CLEAN EDGE AGAINST WHICH NEW PAVEMENT WILL BE FORMED. SAWCUT EDGES SHALL BE PROTECTED TO ASSURE A NEAT LINE OF CONFORMANCE WITH THE ADJACENT SURFACE. ANY DAMAGED EDGE SHALL BE SAWCUT BACK TO WHERE A CLEAN COMPETENT EDGE CAN BE ACHIEVED, AT THE EXPENSE OF THE CONTRACTOR.
6. PIPES AND CONDUITS TO BE REMOVED SHALL BE REMOVED BACK TO THE NEAREST MANHOLE, JUNCTION BOX, PULL BOX OR OTHER RELEVANT STRUCTURE. THE CONDUIT SHALL BE FULLY REMOVED WHERE IT CAN BE DONE WITHOUT DAMAGE TO THE EXISTING STRUCTURE TO REMAIN AND THE STRUCTURE REPAIRED TO A NEAT, SMOOTH SURFACE. OTHERWISE, THE CONDUIT SHALL BE CUT, PLUGGED AND CAPPED IN ACCORDANCE WITH THE UTILITY OWNER'S STANDARDS.

GRADING NOTES

1. ALL GRADING SHALL COMPLY WITH APPLICABLE PERMITS, LOCAL ORDINANCES AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT REFERENCED UNDER GENERAL NOTES.
2. WHEN GRADING ACTIVITIES COMMENCE MORE THAN 30 DAYS AFTER GRUBBING ACTIVITIES, THE AREA SHALL BE SEEDED WITH PLANT MATERIAL TO CONTROL EROSION. ROOT DEPTH OF SUCH PLANT MATERIAL NOT TO EXCEED 4 INCHES.
3. FINAL GRADING REPORT SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE PRIOR TO SCHEDULING INSPECTIONS.
4. CUT AND/OR FILL SLOPES SHALL NOT EXCEED SLOPE RECOMMENDED BY GEOTECHNICAL ENGINEER. (TEMPORARY SLOPE [1V:3H] ; PERMANENT SLOPE [1V:2.5H])
5. PROVIDE FINISHED GRADE AS SHOWN ON PLANS. MAINTAIN MIN. 3% SLOPE AWAY FROM BUILDING IN SOFTSCAPE OR 1.5% AWAY FROM BUILDING IN HARDSCAPE.
6. PROVIDE MIN. SOIL COMPACTION OF 90% RELATIVE COMPACTION FOR FILLS BENEATH PROPOSED FLATWORK; 95% RELATIVE COMPACTION FOR FILLS BENEATH VEHICULAR PAVEMENT; AND 85% IN SOFTSCAPE OR LANDSCAPE AREAS, UNLESS OTHERWISE NOTED.

DRAINAGE NOTES

1. CONTRACTOR TO PROVIDE STORM DRAIN PIPES OF SIZE, LENGTH AND SLOPE INDICATED ON THE DRAWINGS.
   DRAINAGE SWALES SHALL BE CONSTRUCTED PER DETAILS PROVIDED AND CONSTRUCTED TO SHAPE, DIMENSIONS AND DETENTION VOLUMES INDICATED. PONDING SURFACE DEPTHS AND FREEBOARD REQUIRE LEVEL GRADES AT TOP AND TOE OF SWALE AND BASIN EMBANKMENTS. NO ADJUSTMENTS TO GRADES ARE ALLOWED WITHOUT EXPRESS WRITTEN DIRECTION FROM THE ENGINEER.
2. SEDIMENT AND EROSION CONTROL MEASURES, AS SPECIFIED IN THE AS SPECIFIED IN THE ATTACHED EROSION CONTROL PLANS AND DETAILS, SHALL BE INSTALLED PRIOR TO START OF GRADING ACTIVITIES.
3. SOILS INCORPORATED INTO DRAINAGE SWALES SHALL BE AS SPECIFIED AND APPROVED BY THE ENGINEER WITHOUT EXCEPTION.
4. THE CONTRACTOR IS RESPONSIBLE TO OPERATE AND MAINTAIN ALL DRAINAGE STRUCTURES AND FEATURES UNTIL FINAL ACCEPTANCE BY THE OWNER. FEATURES SUCH AS DRAINAGE SWALES AND OTHER LOW-IMPACT DEVELOPMENT (LID) ELEMENTS SHALL NOT BE USED FOR IMPOUNDMENT OR EROSION/SEDIMENT CONTROL DURING CONSTRUCTION UNLESS THOROUGHLY PROTECTED FROM SILT-UP OR CLOGGING. CLEAN UP OR REPLACEMENT OF SOILS IMPACTED BY CONSTRUCTION ACTIVITIES OR RUNOFF PRIOR TO HAND-OVER SHALL BE REPLACED PER ORIGINAL DESIGN AT THE CONTRACTOR'S EXPENSE.

ADA NOTES

1. ALL SITE WORK SHALL BE IN CONFORMANCE WITH TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE AND WITH THE AMERICANS WITH DISABILITIES ACT.
2. A 2% MAXIMUM SLOPE LANDING SHALL BE PROVIDED AT PRIMARY ENTRANCES OF THE BUILDINGS. THE LANDINGS SHALL HAVE A MINIMUM DEPTH OF 60'' WHEN THE DOOR OPENS INTO THE BUILDING OR 42'' PLUS THE WIDTH OF THE DOOR WHEN THE DOOR OPENS ONTO THE LANDING.
3. ENTRANCE RAMPS TO BUILDINGS SHALL NOT EXCEED A SLOPE OF 1:20 (5%), UNLESS RAILINGS ARE PROVIDED PER THE ARCHITECTURAL/LANDSCAPE PLANS. RAMP SLOPE SHALL NOT EXCEED 1:12 (8.33%).
4. RAMPS ARE DEFINED AS ANY WALKWAY BETWEEN THE SLOPES OF 1:20 (5%) AND 1:12 (8.33%) AND SHALL HAVE A 2% MAXIMUM CROSS SLOPE. RAMPS EXCEEDING A VERTICAL RISE OF 2'-6'' SHALL HAVE INTERMEDIATE LANDINGS WITH A 2% MAXIMUM SLOPE, IN ANY DIRECTION, AND A MINIMUM LENGTH OF 60'' IN THE DIRECTION OF TRAVEL. BOTTOM LANDINGS AND LANDINGS AT CHANGES IN RAMP DIRECTION SHALL HAVE A MINIMUM LENGTH OF 72''. ALL RAMPS SHALL HAVE HANDRAILS (SEE ARCHITECTURAL PLANS).
5. MAXIMUM CROSS SLOPE ON ANY SIDEWALK OR RAMP SHALL BE 2% SLOPE.
6. CURB RAMPS SHALL NOT EXCEED A SLOPE OF 1:12 (8.33%).

EROSION AND SEDIMENTATION CONTROL

SEDIMENT AND EROSION CONTROL MEASURES, AS SPECIFIED IN THE ATTACHED EROSION CONTROL PLAN AND DETAILS, SHALL BE INSTALLED PRIOR TO START OF DEMOLITION AND MAINTAINED THROUGHOUT THE PROJECT. MONITORING REQUIREMENTS SHALL BE CONDUCTED BY QUALIFIED PERSONNEL AS INDICATED IN THE SWPPP.

UTILITY NOTES

1. UNLESS OTHERWISE NOTED, PIPE MATERIALS SHALL BE AS FOLLOWS:
   A. DOMESTIC WATER - [HDPE PER ASTM D3350 (WITH BLUE STRIPE) WITH BUTT HEAT FUSION JOINTS PER ASTM D3261]
   B. FIRE WATER - [DUCTILE IRON PER ASNI A21.50/51 WITH FACTORY APPLIED CEMENT MORTAR LINING PER ANSI A21.4 AND FLANGED JOINTS PER ASNI B16.1, CLASS 125]
   C. NON-POTABLE WATER - [HDPE PER ASTM D3350 (WITH PURPLE STRIPE) WITH BUTT HEAT FUSION JOINTS PER ASTM D3261]
   D. IRRIGATION WATER - [SCHED 40 PVC PER ASTM D2466 WITH PVC FLEX HOSE FOR SPRINKLER RUNS AND SCHED 40 PVC FITTINGS]
   E. STORM DRAIN - [CORRUGATED PE DRAINAGE PIPE AND FITTINGS PER AASHTO M252M/M294M, TYPE S WITH SMOOTH WATERWAY; SILT TIGHT PE COUPLINGS WITH ASTM D 1056, TYPE 2, CLASS A GRADE 2 GASKET MATERIAL THAT MATES WITH PIPE AND FITTINGS]
   F. SANITARY SEWER - [HDPE SDR 17 PER ASTM D3350 AND PRESSURE RATED FITTINGS OF THE SAME RESIN TYPE, GRADE, AND CELL CLASSIFICATION AS THE PIPE]
2. PIPE TRENCHES SHALL BE EXCAVATED INTO UNDISTURBED NATIVE SOIL OR ENGINEERED AND COMPACTED FILL. IN NO EVENT SHALL PIPE BE INSTALLED IN A PROPOSED SLOPE WITH FILL PLACED OVER IT.
3. PIPE TRENCHES SHALL BE OF ADEQUATE WIDTH TO PERMIT COMPACTION TO THE REQUIRED RELATIVE DENSITY UNDER THE HAUNCH OF THE PIPE.
4. ALL PIPE SHALL BE PLACED ON COMPETENT SOIL, AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER, SUCH THAT THE FULL LENGTH OF PIPE REST ON THE TRENCH BOTTOM. HAND EXCAVATE AT THE JOINTS AND FITTINGS WHERE REQUIRED TO AVOID POINT LOADING.
5. GRANULAR BEDDING SHALL BE PLACED TO A DEPTH INDICATED IN THE DRAWINGS WHERE ROCKY OR POORLY DRAINING SOILS ARE FOUND. CONTRACTOR SHALL USE ONLY MATERIALS THAT HAVE BEEN SUBMITTED TO AND APPROVED BY THE GEOTECHNICAL ENGINEER FOR BEDDING AND BACKFILL MATERIAL AND MAY INCLUDE NATIVE SOIL IF IT MEETS PROJECT REQUIREMENTS.
6. BACKFILL PIPE TRENCHES AS FOLLOWS:
   A. PIPE ZONE: ACCEPTABLE PIPE ZONE BACKFILL MATERIAL SHALL BE POORLY GRADED GRANULAR MATERIAL FREE OF CLAY, ORGANICS, FINES OR CLUMPS/STONES LARGER THAN 3-INCHES.
   B. BELOW THE HAUNCH: HAND PLACE APPROVED PIPE ZONE BACKFILL MATERIAL AND COMPACT BY HAND TAMPING TO FILL ALL VOIDS TO THE EXTENT PRACTICAL.
   C. SPRINGLINE TO 12-INCHES ABOVE THE PIPE: HAND PLACE ACCEPTABLE PIPE ZONE BACKFILL MATERIAL AND COMPACT USING HAND METHODS. DO NOT DROP FILL ONTO PIPE. DO NOT USE WHEELED METHODS TO COMPACT.
   D. TRENCH BACKFILL TO 12-INCHES ABOVE THE PIPE: BACKFILL WITH SUITABLE MATERIAL IN LIFTS NOT EXCEEDING 8-INCHES. COMPACT TO THE RELATIVE DENSITY REQUIRED. BACKFILL EVENLY ON BOTH SIDES OF THE PIPE SO AS TO AVOID DISPLACEMENT OF THE PIPE. DO NOT ALLOW WHEELED COMPACTION METHODS OVER THE PIPE UNTIL BACKFILL REACHES AT LEAST 3-FT ABOVE TOP OF PIPE.
   E. TOP ZONE: PLACE AND COMPACT MATERIAL TO FINAL GRADE ACCORDING TO THE PROPOSED SURFACE TREATMENT. IN PAVED AREAS, PLACE APPROPRIATE SUBBASE; IN LANDSCAPE AREAS, PLACE TOPSOIL PER LANDSCAPE PLANS, ETC.
7. GRAVITY SYSTEMS SHALL BE INSTALLED TO THE LINE AND GRADE INDICATED. IF A CONFLICT IS IDENTIFIED, THE CONTRACTOR SHALL PROPOSE A SOLUTION TO THE ENGINEER AND WILL STOP WORK ON THE PIPE UNTIL THE ENGINEER ISSUES NEW ALIGNMENT OR ACCEPTS THE CONTRACTOR'S PROPOSED RESOLUTION IN WRITING.
8. GRAVITY PIPE SHALL BE INSTALLED BEGINNING AT THE LOW POINT OF EACH RUN AND PROCEEDING UPHILL.
9. ALL PIPE BENDS SHALL BE PRE-FABRICATED FITTINGS UNLESS SPECIAL FABRICATION IS APPROVED IN ADVANCE BY THE ENGINEER. NO FIELD-CONSTRUCTED FITTINGS SHALL BE INCORPORATED INTO THE WORK WITHOUT PRIOR APPROVAL OF THE ENGINEER.
10. ALL STRUCTURE RIMS (EXISTING AND PROPOSED) SHALL BE SET OR ADJUSTED TO BE FLUSH WITH ADJACENT PAVEMENT OR FINISHED GRADE, UNLESS OTHERWISE NOTED.
11. IF A UTILITY PROVIDER REQUIRES THAT WORK ASSOCIATED WITH THEIR FACILITIES BE PERFORMED BY ITS OWN OR ANOTHER UTILITY-CERTIFIED CONTRACTOR, THE CONTRACTOR SHALL PROVIDE INFORMATION AND FACILITATE COORDINATION TO ACCOMPLISH THE REQUIRED WORK EFFECTIVELY.

UNAUTHORIZED CHANGE AND USE

1. SHERWOOD DESIGN ENGINEERS, LTD. SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, OR PROCEDURES UTILIZED BY THE CONTRACTOR, FOR THE SAFETY OF THE PUBLIC OR CONTRACTOR'S EMPLOYEES, OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUR THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
2. THE CIVIL DESIGN ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS. ANY MODIFICATIONS TO THIS DOCUMENT, WITHOUT THE WRITTEN PERMISSION OF SHERWOOD DESIGN ENGINEERS, LTD., SHALL RENDER THE PLANS INVALID AND UNUSABLE.
3. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING, OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF SHERWOOD DESIGN ENGINEERS, LTD., EXCEPT THAT ANY REGULATORY AUTHORITY MAY REPRODUCE AND TRANSMIT COPIES, AS REQUIRED, IN CONJUNCTION WITH PERFORMANCE OF OFFICIAL BUSINESS UNDER ITS JURISDICTION.

ABBREVIATIONS

AB	AGGREGATE BASE	OC	ON CENTER
ABD	ABANDONED	(P)	PROPOSED
AC	ASPHALT CONCRETE	PA	PLANTED AREA
AD	AREA DRAIN	PED	PEDESTRIAN
ADA	AMERICANS WITH DISABILITIES ACT	PG&E	PACIFIC GAS AND ELECTRIC
BC	BOTTOM OF CURB	PIV	POST INDICATOR VALVE
BS	BOTTOM OF STEP	PL	PROPERTY LINE
BW	BOTTOM OF WALL / BACK OF WALK	POC	POINT OF CONNECTION
C&G	CURB AND GUTTER	PRW	PRESSURIZED RAINWATER
CB	CATCH BASIN	PSI	POUNDS PER SQUARE INCH
CF	CUBIC FEET	PUE	PUBLIC UTILITY EASEMENT
CL	CENTERLINE	PVMT	PAVEMENT
CO	CLEAN OUT	R, RAD	RADIUS
CONC	CONCRETE	RC	RELATIVE COMPACTION
CS	CRAWL SPACE	RCP	REINFORCED CONCRETE PIPE
DEMO	DEMOLISH	REQ'D	REQUIRED
DI	DRAINAGE INLET	RET	RETAINING
DS	DOWN SPOUT	RIM	TOP OF STRUCTURE GRATE/ COVER
DW	DOMESTIC WATER	RW	RAINWATER
E	EAST	RWL	RAINWATER LEADER
(E)	EXISTING	S	SLOPE
EB	ELECTRICAL BOX	SAP	SEE ARCHITECTURAL PLANS
EC	END CURVE	SCO	SOFTSCAPE CLEANOUT
EL, ELEV	ELEVATION	SD	STORM DRAIN
ELEC	ELECTRIC	SDE	SHERWOOD DESIGN ENGINEERS
EP	EDGE OF PAVEMENT	SDMH	STORM DRAIN MANHOLE
ESCP	EROSION AND SEDIMENT CONTROL PLAN	SEP	SEE ELECTRICAL PLANS
EVA	EMERGENCY VEHICLE ACCESS	SF	SQUARE FEET
FC	FACE OF CURB	SLP	SEE LANDSCAPE PLANS
FFE	FINISHED FLOOR ELEVATION	SMP	SEE MECHANICAL PLANS
FG	FINISH GRADE	SPD	SEE PLUMBING DRAWINGS
FH	FIRE HYDRANT	SPRK	FW SPRINKLER LINE
FL	FLOWLINE	SQ	SQUARE
FS	FINISH SURFACE	SS	SANITARY SEWER
FT	FEET	SSCO	SANITARY SEWER CLEAN OUT
FW	FIRE WATER	SSMH	SANITARY SEWER MANHOLE
G	GAS	SSP	SEE STRUCTURAL PLANS
GB	GRADE BREAK	STD	STANDARD
GM	GAS METER	STM	STEAM
GV	GATE VALVE	SW	SIDEWALK
GW	GRAY WATER	SWMP	STORMWATER MANAGEMENT PLAN
HB	HOSE BIB	TB	TOP OF BANK
HDPE	HIGH-DENSITY POLYETHYLENE	TBD	TO BE DETERMINED
HP	HIGH POINT/ HINGE POINT	TBM	TEMPORARY BENCHMARK
HT	HEIGHT	TBR	TO BE REMOVED
HV	HIGH VOLTAGE	TC	TOP OF CURB
INV	INVERT OF PIPE OR CHANNEL	TD	TRENCH DRAIN
IRR	IRRIGATION	TEL	TELEPHONE
JB	JUNCTION BOX	TEMP	TEMPORARY
JP	JOINT POLE	TG	TOP OF GRATE
LA	LANDSCAPE ARCHITECT	TS	TOP OF STEP
LF	LINEAR FEET	TW	TOP OF WALL
LP	LIGHT POLE / LOW POINT	TYP	TYPICAL
LT	LEFT	UG	UNDERGROUND
MAX	MAXIMUM	UON	UNLESS OTHERWISE NOTED
MH	MAINTENANCE HOLE	VERT	VERTICAL
MIN	MINIMUM	VIF	VERIFY IN FIELD
N	NORTH	W	WATER
NFC	NOT FOR CONSTRUCTION	WALK	WALKWAY/SIDEWALK
NIC	NOT IN CONTRACT	WM	WATER METER
NTS	NOT TO SCALE	WS	WATER SURFACE

SHEET INDEX

SHEET NUMBER	SHEET CONTENT
C0.0	NOTES, ABBREVIATIONS & SHEET INDEX
C1.0	GRADING AND DRAINAGE PLAN - BLAKE TO PARKER
C1.1	GRADING AND DRAINAGE PLAN - PARKER TO CARLETON
C1.2	GRADING AND DRAINAGE PLAN - CARLETON TO DERBY
C1.3	GRADING AND DRAINAGE PLAN - DERBY TO WARD
C2.0	UTILITY PLAN - BLAKE TO PARKER
C2.1	UTILITY PLAN - PARKER TO CARLETON
C2.2	UTILITY PLAN - CARLETON TO DERBY
C2.3	UTILITY PLAN - DERBY TO WARD
C3.0	COMMUNITY GARDEN PARK - SWMP
C3.1	DOG PLAY AND COMMUNITY PARK- SWMP
C3.2	KID'S PLAY AND COMMUNITY PARK - SWMP
C3.3	URBAN FARM AND EDUCATION PARK - SWMP
C4.0	DETAILS
C5.0	ESCP - BLAKE TO CARLETON
C5.1	ESCP - CARLETON TO WARD
C5.2	EROSION CONTROL DETAILS

MIG | PGA
800 HEARST AVENUE
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STAMP: REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR LEWIS EXP: 06/30/26 C-77828 CIVIL STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing**
Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **CITY OF BERKELEY**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

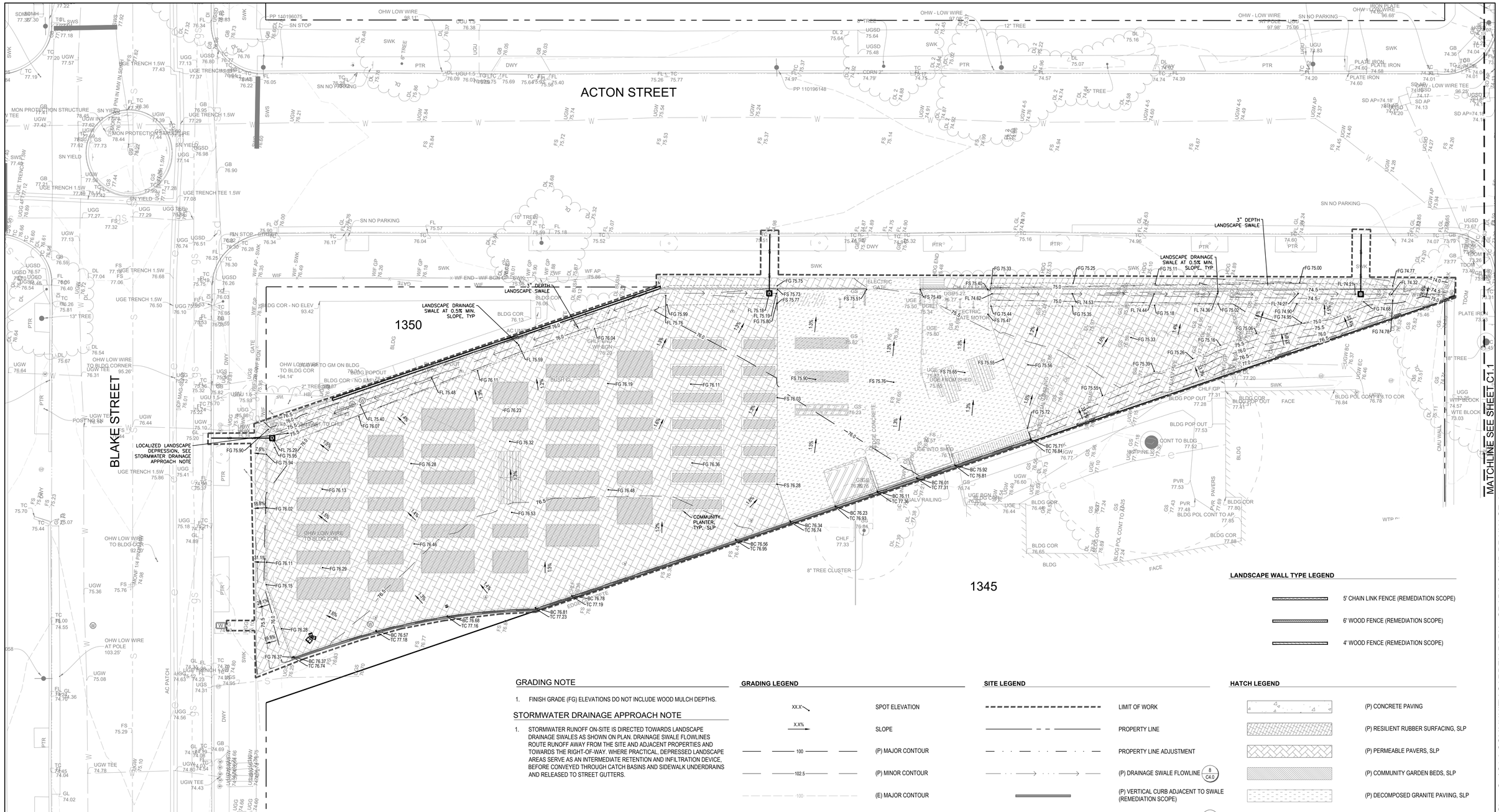
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **NOTES, ABBREVIATIONS & SHEET INDEX**

SHEET NUMBER: **C0.0**

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C0.0 NOTES, ABBREVIATIONS & SHEET INDEX.dwg


ACTON STREET
BLAKE STREET
1350
1345
3" DEPTH LANDSCAPE SWALE
LANDSCAPE DRAINAGE SWALE AT 0.5% MIN. SLOPE, TYP
LOCALIZED LANDSCAPE DEPRESSION, SEE STORMWATER DRAINAGE APPROACH NOTE
COMMUNITY PLANTER, TYP., SLP
8" TREE CLUSTER
SN NO PARKING
SN STOP
SN YIELD
OHW LOW WIRE TO BLDG COR
OHW LOW WIRE TO GM ON BLDG
OHW LOW WIRE AT POLE 103.25'
OHW - LOW WIRE
UGE TRENCH 1.5W
UGE TRENCH TEE 1.5W
MON PROTECTION STRUCTURE
BLDG COR - NO ELEV 93.42
BLDG COR - NO ELEV 94.14'
CONC STAIRS
CHLF
CMU WALL
WTP
PLATE IRON
IRON PLATE
BLDG POP OUT
BLDG POL CONT TO AP
BLDG POL CONT TO AXIS
BLDG COR
BLDG
FACE
PVR
PVR PAVERS
CONT TO BLDG
PINE
ELECTRIC GATE MOTOR
GATE
DWY
PTR
SWK
WIF
WF AP
WF GP
WF END - WIF BGN
WF BGN - WF END
UGW
UGG
UGSD
UGE
UGU
UGW AP
UGW 4-5
UGW EC
UGW BC
UGW TEE
UGG TEE
UGSD TEE
UGE TEE
UGU TEE
UGU 1.5
UGU 1.6
UGW TO COR
UGG WTP BLOCK
UGG WTE BLOCK
UGSD WTE BLOCK
UGW TO BLDG COR
UGW TO BLDG
UGW TO AXIS
UGW TO WTP
UGW TO WTE BLOCK
UGW TO WTP BLOCK
UGW TO CMU WALL
UGW TO PLATE IRON
UGW TO GATE
UGW TO PINE
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UGW TO PVR PAVERS
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GRADING LEGEND

XX.X	SPOT ELEVATION
X.X%	SLOPE
100	(P) MAJOR CONTOUR
102.5	(P) MINOR CONTOUR
100	(E) MAJOR CONTOUR
102.5	(E) MINOR CONTOUR
	(P) GRADE BREAK

SITE LEGEND

	LIMIT OF WORK
	PROPERTY LINE
	PROPERTY LINE ADJUSTMENT
	(P) DRAINAGE SWALE FLOWLINE (6 / C4.0)
	(P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
	(P) RED PAINTED ROLLED CURB (3 / C4.0)
UD — UD	(P) SIDEWALK UNDERDRAIN (6 / C4.0)
	(P) LANDSCAPE AREA DRAIN (10 / C4.0)

HATCH LEGEND

	(P) CONCRETE PAVING
	(P) RESILIENT RUBBER SURFACING, SLP
	(P) PERMEABLE PAVERS, SLP
	(P) COMMUNITY GARDEN BEDS, SLP
	(P) DECOMPOSED GRANITE PAVIING, SLP

LANDSCAPE WALL TYPE LEGEND

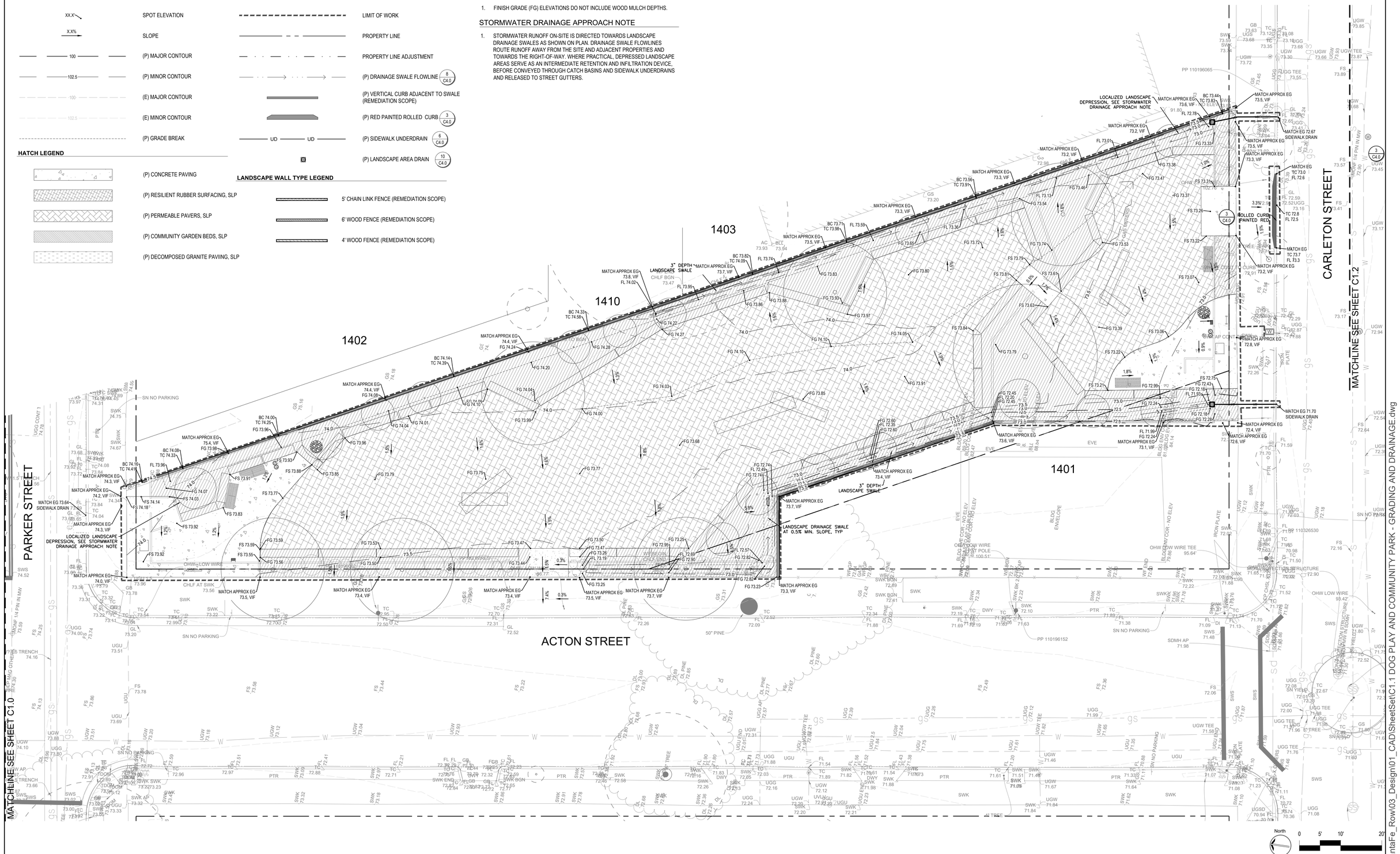
	5' CHAIN LINK FENCE (REMEDIATION SCOPE)
	6' WOOD FENCE (REMEDIATION SCOPE)
	4' WOOD FENCE (REMEDIATION SCOPE)

GRADING NOTE

1. FINISH GRADE (FG) ELEVATIONS DO NOT INCLUDE WOOD MULCH DEPTHS.

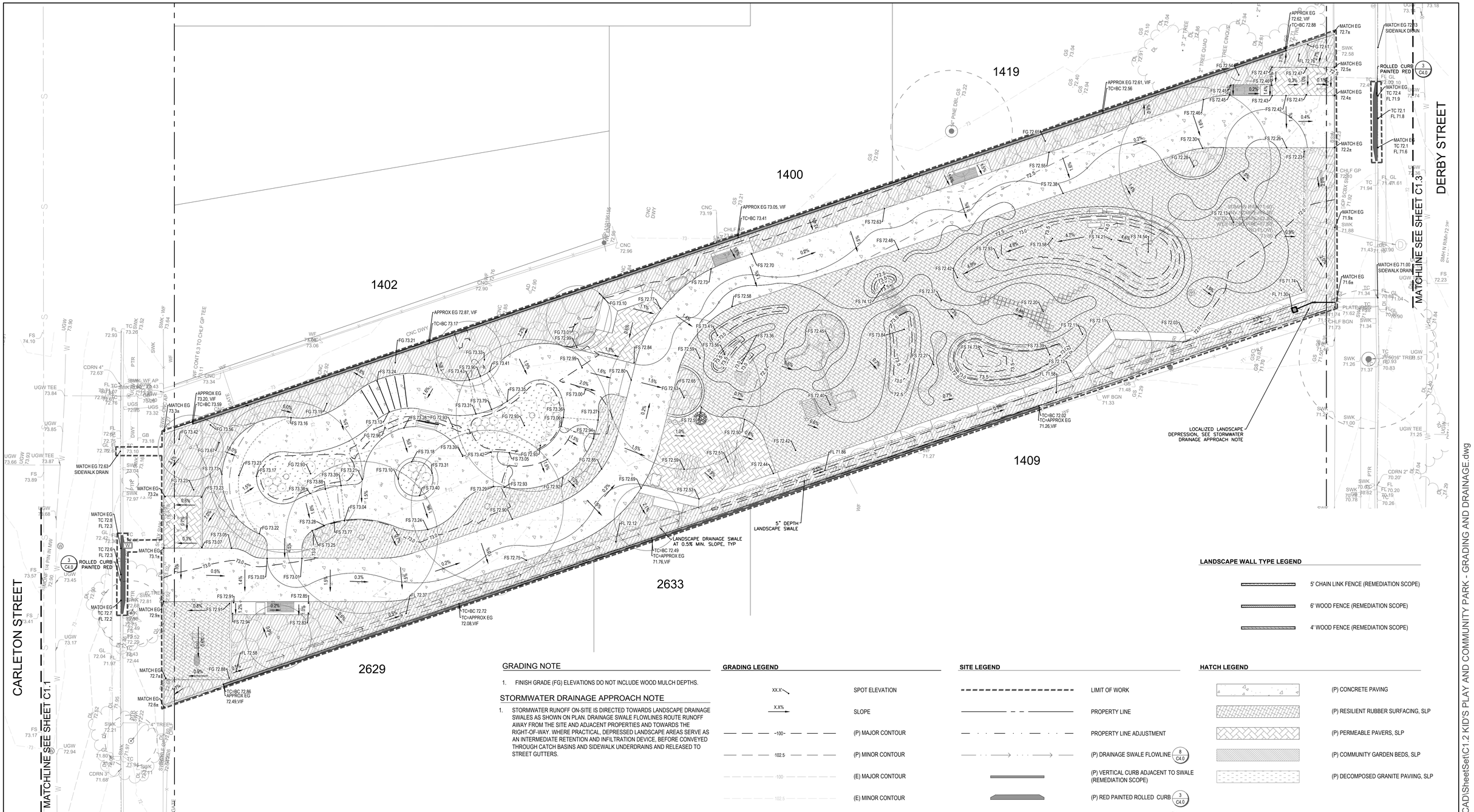
STORMWATER DRAINAGE APPROACH NOTE

1. STORMWATER RUNOFF ON-SITE IS DIRECTED TOWARDS LANDSCAPE DRAINAGE SWALES AS SHOWN ON PLAN. DRAINAGE SWALE FLOWLINES ROUTE RUNOFF AWAY FROM THE SITE AND ADJACENT PROPERTIES AND TOWARDS THE RIGHT-OF-WAY. WHERE PRACTICAL, DEPRESSED LANDSCAPE AREAS SERVE AS AN INTERMEDIATE RETENTION AND INFILTRATION DEVICE, BEFORE CONVEYED THROUGH CATCH BASINS AND SIDEWALK UNDERDRAINS AND RELEASED TO STREET GUTTERS.



North 0 5' 10' 20

800 HEARST AVENUE BERKELEY, CA 94710 TEL: (510) 845-7549	2548 MISSION STREET SAN FRANCISCO, CA 94110 TEL: (415) 677-7300	STAMP:	**Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing** **Berkeley, CA** PROJECT:	**PRWPK2102** PROJECT NUMBER:	**CITY OF BERKELEY** **2180 MILVIA STREET, 3RD FLOOR** **BERKELEY, CA 94704** CLIENT:	**CIVIL ENGINEER:** SHERWOOD DESIGN ENGINEERS 2548 MISSION ST SAN FRANCISCO, CA 94110 TEL: (415) 677-7300 **ELECTRICAL ENGINEER:** PEARCE SERVICES LLC 122 VINE STREET, SUITE 301 PASO ROBLES, CA 93446 TEL: (805) 467-2528 CONSULTANTS:	**SPEC NO.** 26-11757-C **PLAN NO.** 8288 **FILE NO.** 406-222	**REVISION** NUMBER / DATE / DESCRIPTION 10/17/2025 PERMIT RESUBMITTAL 1 4/1/2026 PERMIT RESUBMITTAL 2 / BID SET	**BID SET** ISSUE: **4/1/26** DATE:	**GRADING AND DRAINAGE PLAN - PARKER TO CARLETON** SHEET TITLE:	**C1.1** SHEET NUMBER:


1419
1400
1402
1409
2633
2629
DERBY STREET
MATCHLINE SEE SHEET C1.3
CARLETON STREET
MATCHLINE SEE SHEET C1.1
LOCALIZED LANDSCAPE DEPRESSION, SEE STORMWATER DRAINAGE APPROACH NOTE
5" DEPTH LANDSCAPE SWALE
LANDSCAPE DRAINAGE SWALE AT 0.5% MIN. SLOPE, TYP
ROLLED CURB PAINTED RED
MATCH EG 72.63 SIDEWALK DRAIN
MATCH EG 72.83 SIDEWALK DRAIN
MATCH EG 71.00 SIDEWALK DRAIN
SCHRAM RIM = 71.90
SCHRAM RIM = 72.29
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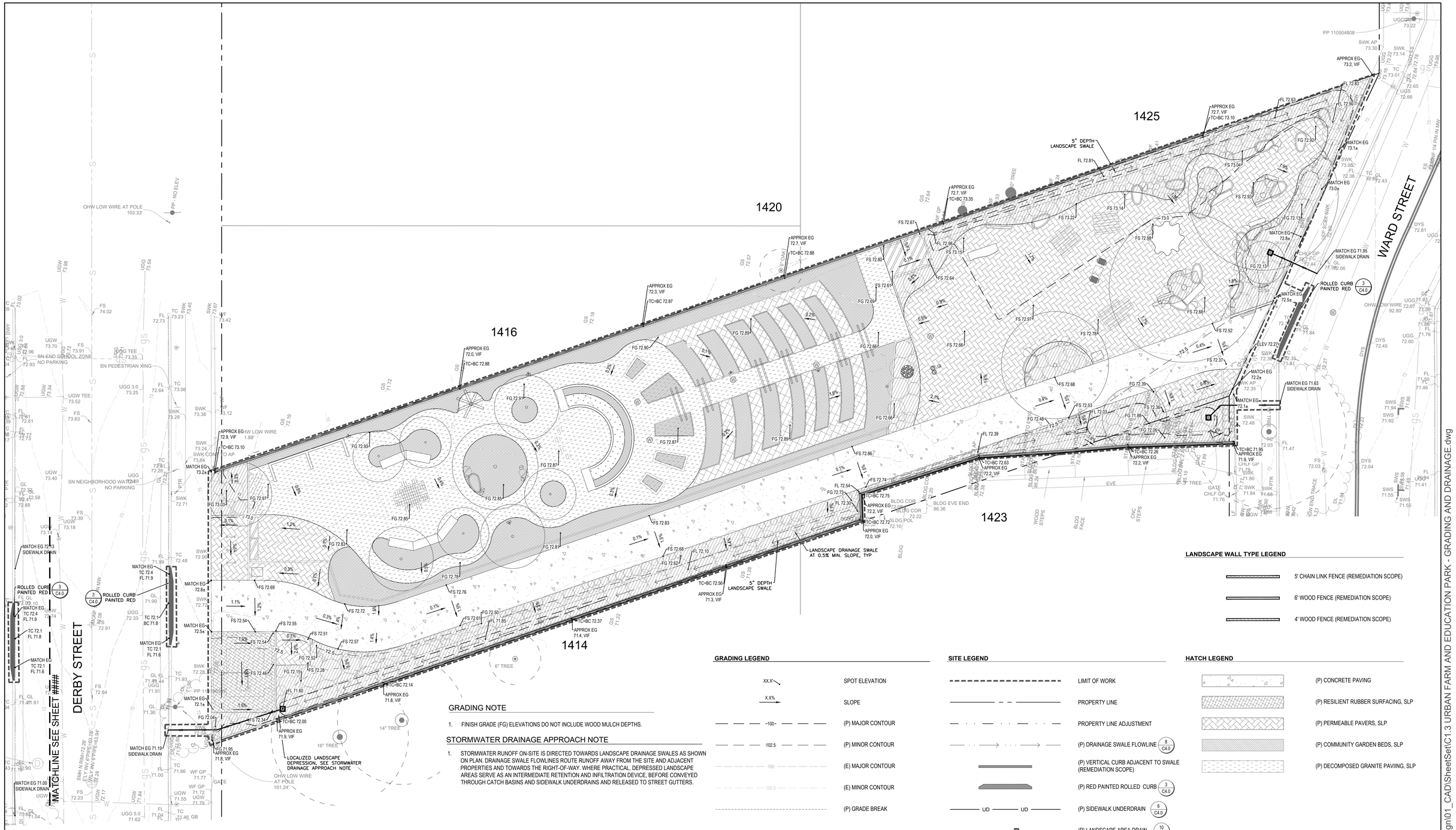

GRADING NOTE

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STORMWATER DRAINAGE APPROACH NOTE

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LANDSCAPE WALL TYPE LEGEND

- 5' CHAIN LINK FENCE (REMEDIATION SCOPE)
- 6' WOOD FENCE (REMEDIATION SCOPE)
- 4' WOOD FENCE (REMEDIATION SCOPE)

GRADING LEGEND

- XX.X' — SPOT ELEVATION
- X.X% — SLOPE
- (P) MAJOR CONTOUR
- (P) MINOR CONTOUR
- (E) MAJOR CONTOUR
- (E) MINOR CONTOUR
- (P) GRADE BREAK

SITE LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 C4.0)
- (P) SIDEWALK UNDERDRAIN (6 C4.0)
- (P) LANDSCAPE AREA DRAIN (10 C4.0)

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

North 0 5' 10' 20'

MIG | PGA
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BERKELEY, CA 94710
TEL: (510) 845-7549

SHERWOOD DESIGN ENGINEERS
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SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR LEE EXP: 06/30/26 C – 72828 CIVIL STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

CITY OF BERKELEY
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

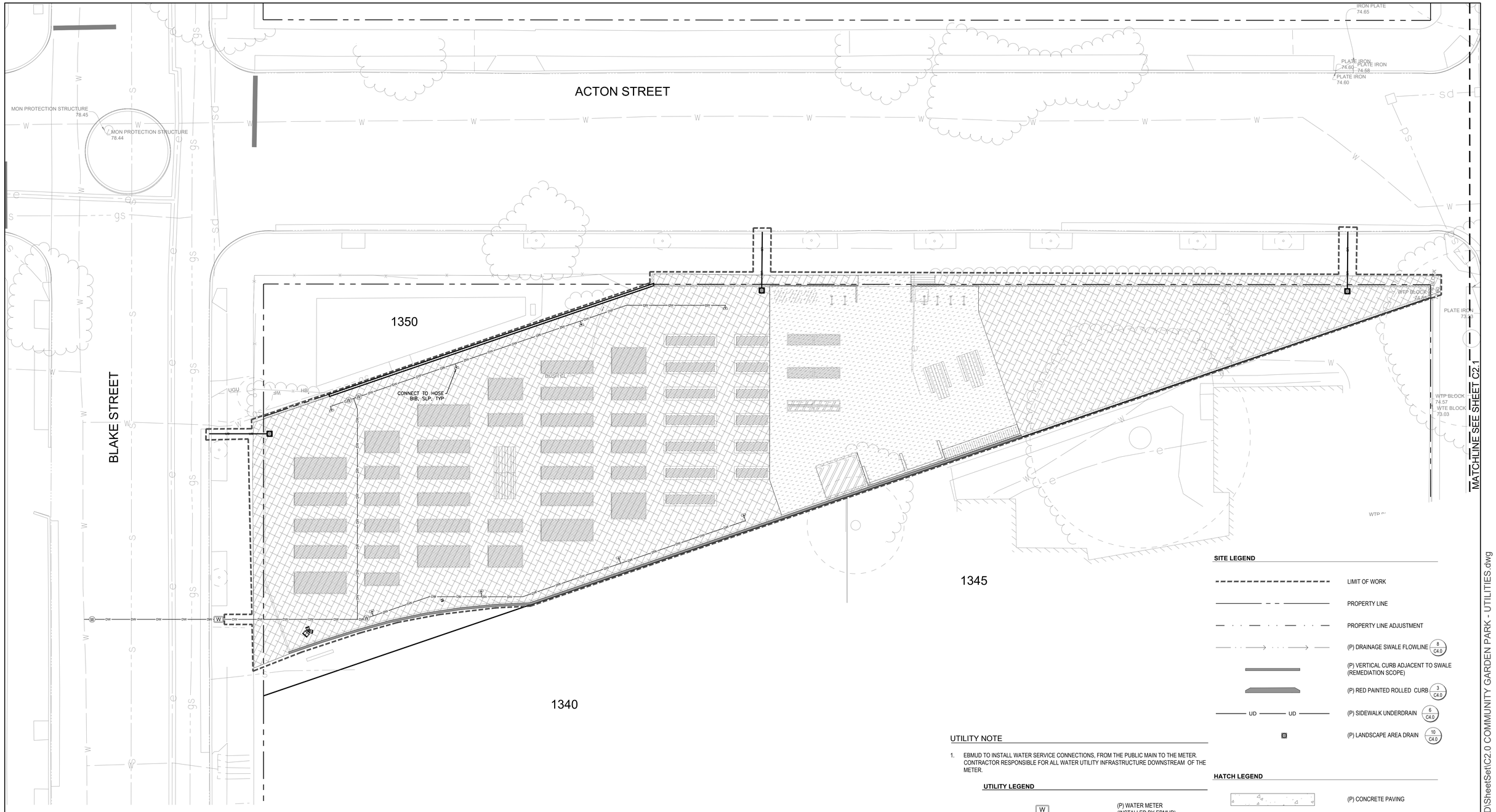
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE:
4/1/26
DATE:

GRADING AND DRAINAGE PLAN - DERBY TO WARD
SHEET TITLE:

C1.3
SHEET NUMBER:

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C1.3 URBAN FARM AND EDUCATION PARK - GRADING AND DRAINAGE.dwg



SITE LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- (P) SIDEWALK UNDERDRAIN (6 / C4.0)
- (P) LANDSCAPE AREA DRAIN (10 / C4.0)

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

UTILITY NOTE

1. EBMUD TO INSTALL WATER SERVICE CONNECTIONS, FROM THE PUBLIC MAIN TO THE METER. CONTRACTOR RESPONSIBLE FOR ALL WATER UTILITY INFRASTRUCTURE DOWNSTREAM OF THE METER.

UTILITY LEGEND

- (P) WATER METER (INSTALLED BY EBMUD)
- (P) WATER VALVE BOX
- (P) BACKFLOW PREVENTER (11 / C4.0)
- (P) DRY WELL (9 / C4.0)
- (P) DOMESTIC WATER

North 0 5' 10' 20'

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STAMP: REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR LEE EXP: 06/30/26 C-72828 CIVIL STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing**
Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **CITY OF BERKELEY**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
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SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **UTILITY PLAN - BLAKE TO PARKER**

SHEET NUMBER: **C2.0**

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C2.0 COMMUNITY GARDEN PARK - UTILITIES.dwg

UTILITY LEGEND

- (P) WATER METER (INSTALLED BY EBMUD)
- (P) WATER VALVE BOX
- (P) BACKFLOW PREVENTER (11 / C4.0)
- (P) DRY WELL (9 / C4.0)
- (P) DOMESTIC WATER

SITE LEGEND

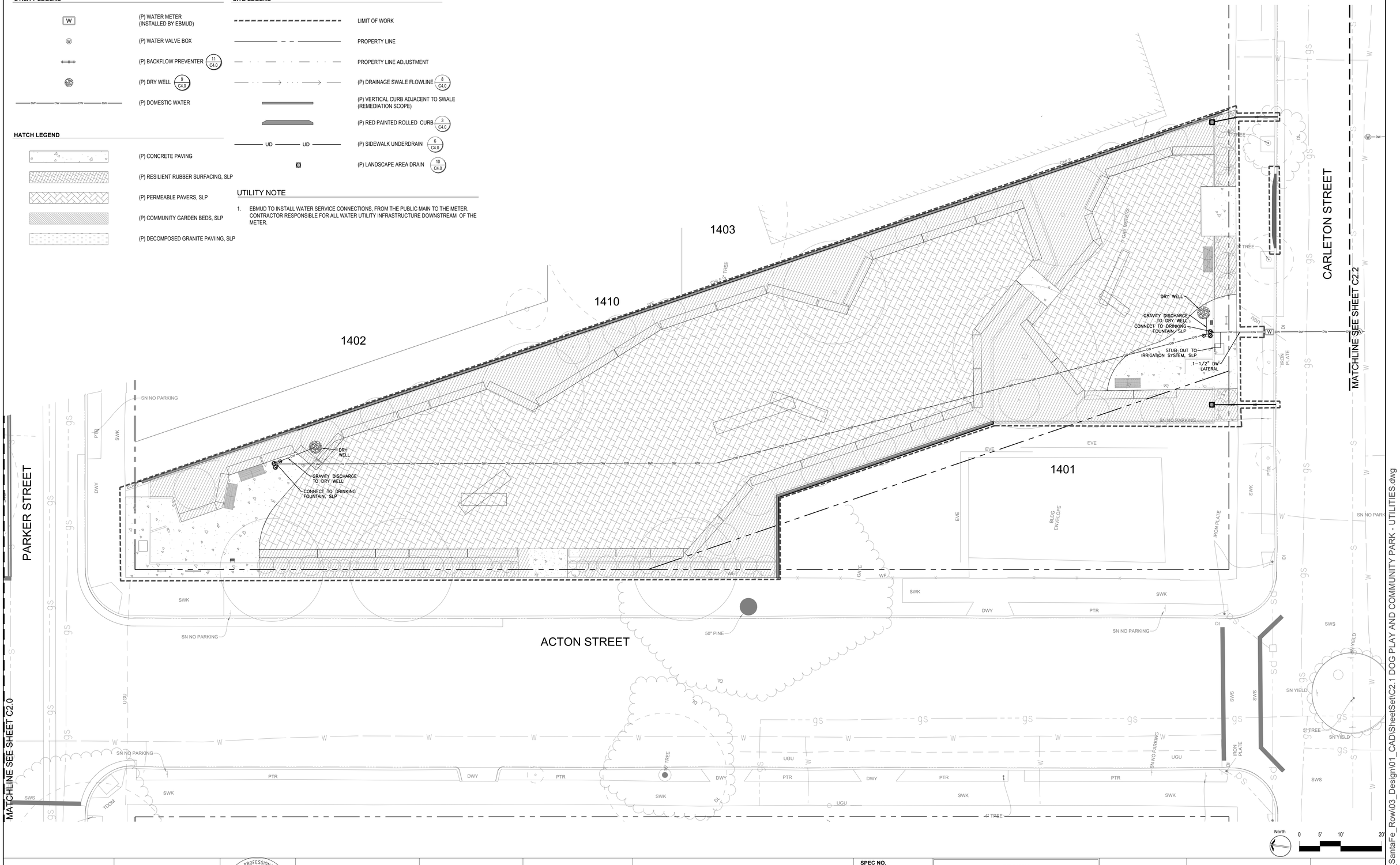
- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- (P) SIDEWALK UNDERDRAIN (6 / C4.0)
- (P) LANDSCAPE AREA DRAIN (10 / C4.0)

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

UTILITY NOTE

1. EBMUD TO INSTALL WATER SERVICE CONNECTIONS, FROM THE PUBLIC MAIN TO THE METER. CONTRACTOR RESPONSIBLE FOR ALL WATER UTILITY INFRASTRUCTURE DOWNSTREAM OF THE METER.



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REGISTERED PROFESSIONAL ENGINEER — JOHN SINCLAIR LEE — EXP: 06/30/26 — C-72828 — CIVIL — STATE OF CALIFORNIA

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REVISION

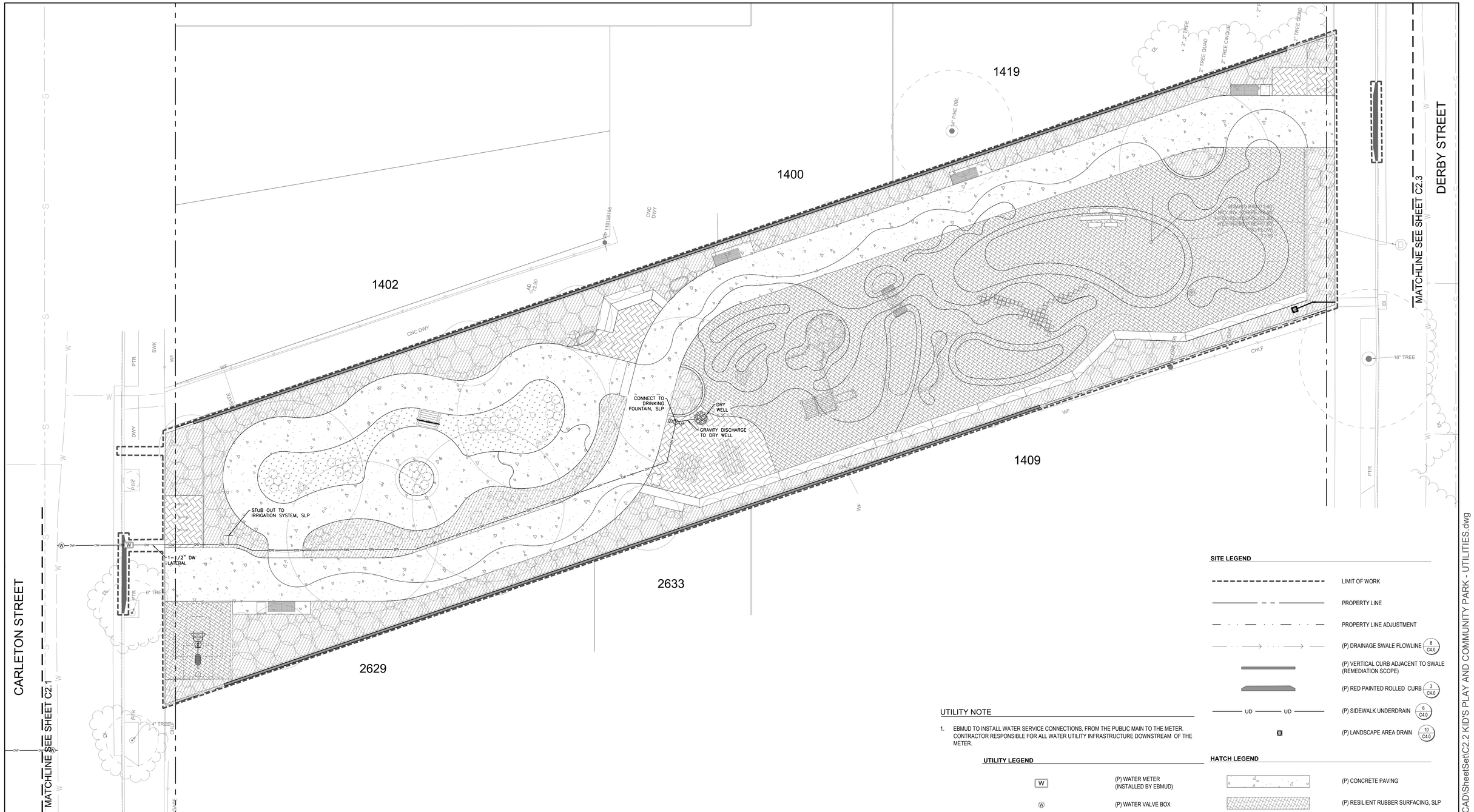
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE:
4/1/26
DATE:

UTILITY PLAN - PARKER TO CARLETON
SHEET TITLE:

C2.1
SHEET NUMBER:

P:\2022\22-108_SantaFe_Row\03_Design\01_CADISheetSet\C2.1 DOG PLAY AND COMMUNITY PARK - UTILITIES.dwg



SITE LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- UD — UD — (P) SIDEWALK UNDERDRAIN (6 / C4.0)
- (P) LANDSCAPE AREA DRAIN (10 / C4.0)

UTILITY NOTE

1. EBMUD TO INSTALL WATER SERVICE CONNECTIONS, FROM THE PUBLIC MAIN TO THE METER. CONTRACTOR RESPONSIBLE FOR ALL WATER UTILITY INFRASTRUCTURE DOWNSTREAM OF THE METER.

UTILITY LEGEND

- W — (P) WATER METER (INSTALLED BY EBMUD)
- (W) — (P) WATER VALVE BOX
- (P) BACKFLOW PREVENTER (11 / C4.0)
- (P) DRY WELL (9 / C4.0)
- DW — DW — DW — DW — (P) DOMESTIC WATER

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

North 0 5' 10' 20'

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

SHERWOOD DESIGN ENGINEERS
2548 MISSION STREET
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

REGISTERED PROFESSIONAL ENGINEER — JOHN SINCLAIR LEWIS — EXP: 06/30/25 — C-72828 — CIVIL — STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

CITY OF BERKELEY
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

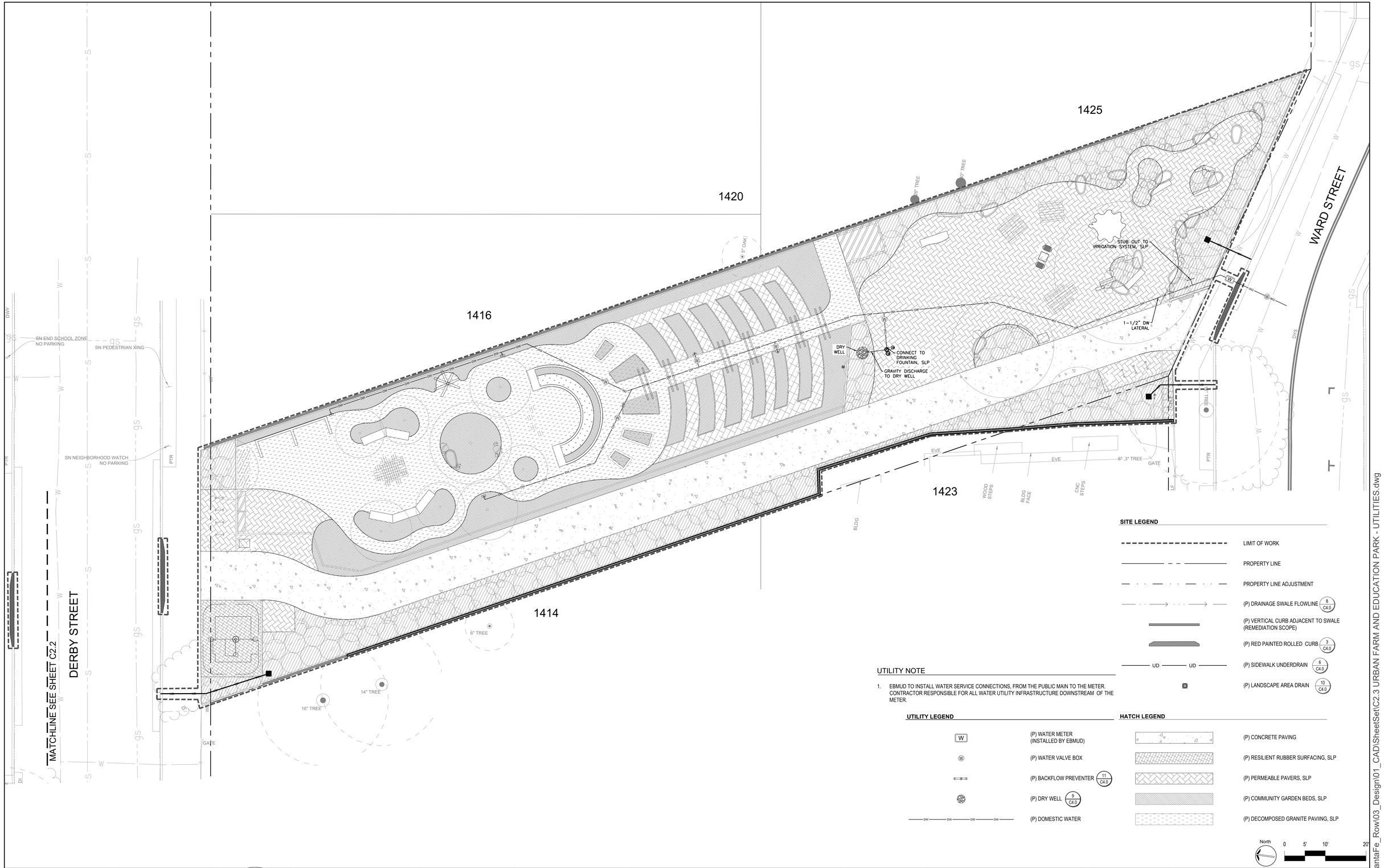
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE:
4/1/26
DATE:

UTILITY PLAN - CARLETON TO DERBY
SHEET TITLE:

C2.2
SHEET NUMBER:

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C2.2 KID'S PLAY AND COMMUNITY PARK - UTILITIES.dwg



SITE LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (6 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- UD — UD — (P) SIDEWALK UNDERDRAIN (6 / C4.0)
- (P) LANDSCAPE AREA DRAIN (10 / C4.0)

UTILITY NOTE

1. EBMUD TO INSTALL WATER SERVICE CONNECTIONS, FROM THE PUBLIC MAIN TO THE METER. CONTRACTOR RESPONSIBLE FOR ALL WATER UTILITY INFRASTRUCTURE DOWNSTREAM OF THE METER.

UTILITY LEGEND

- W — (P) WATER METER (INSTALLED BY EBMUD)
- Ⓦ — (P) WATER VALVE BOX
- (P) BACKFLOW PREVENTER (11 / C4.0)
- (P) DRY WELL (9 / C4.0)
- DW — DW — DW — DW — (P) DOMESTIC WATER

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

North 0 5' 10' 20'

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REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR C-72828 EXP: 06/30/26 CIVIL STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

CITY OF BERKELEY
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

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ELECTRICAL ENGINEER:
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122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

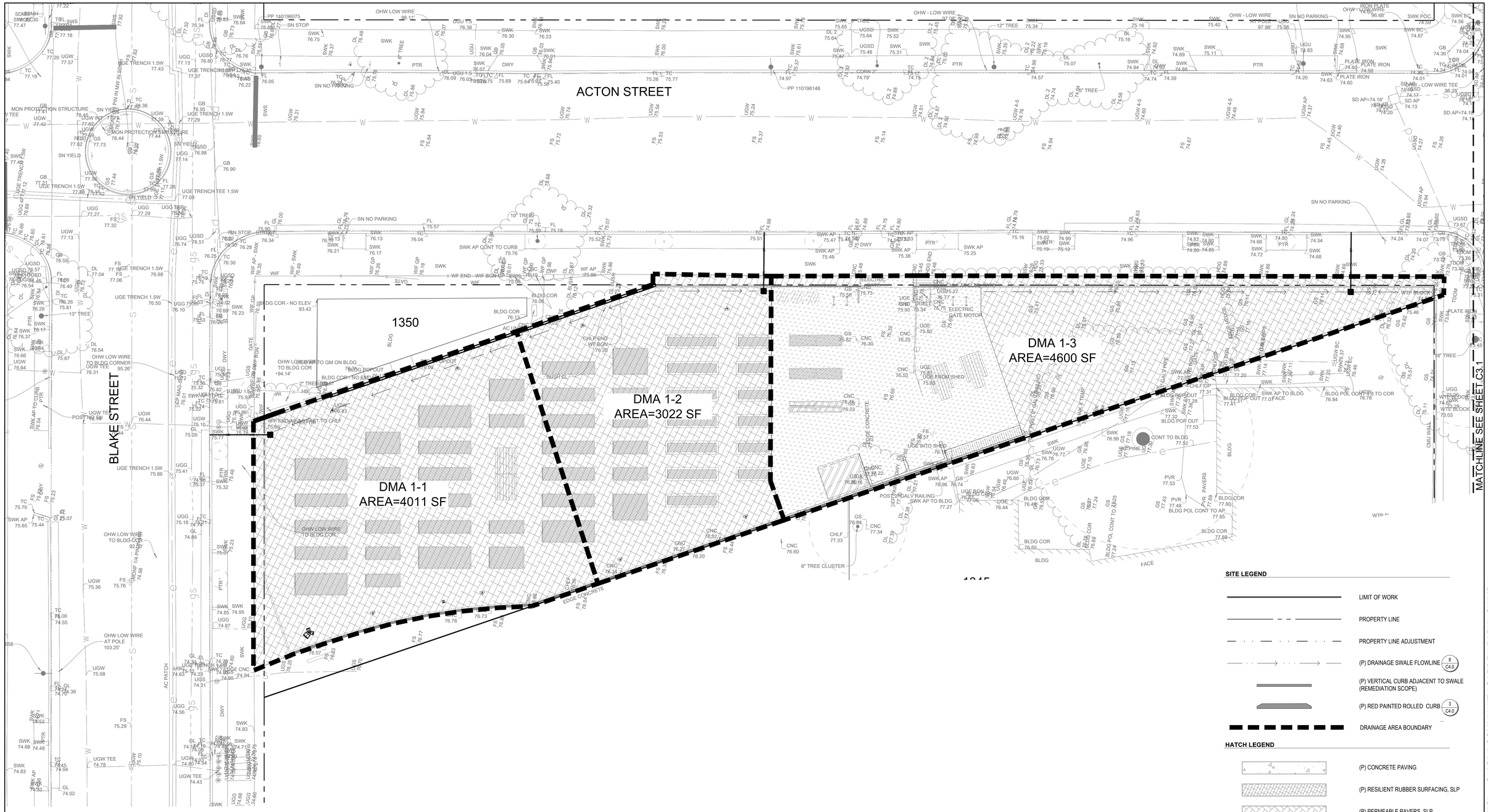
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE:
4/1/26
DATE:

UTILITY PLAN - DERBY TO WARD
SHEET TITLE:

C2.3
SHEET NUMBER:

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C2.3 URBAN FARM AND EDUCATION PARK - UTILITIES.dwg



SITE LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- DRAINAGE AREA BOUNDARY

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

PRE DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	1,045
PERVIOUS AREA (SQFT)	10,588
Total	11,633

POST DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	2,530
PERVIOUS AREA (SQFT)	9,103
Total	11,633

DMA ID	Area (SF)
1-1	4,011
1-2	3,022
1-3	4,600
Total	11,633

NOTE: ALL PARCELS PROPOSE NEW AND RESTORED IMPERVIOUS SURFACE TOTALS THAT ARE LESS THAN THE REGULATED PROJECT THRESHOLD PER ALAMEDA COUNTY C.3 STORMWATER TECHNICAL GUIDANCE.

North 0 5' 10' 20

MIG | PGA
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STAMP: REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR LEE EXP: 06/30/26 C-72628 CIVIL STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing**
Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **CITY OF BERKELEY**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
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TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **SWMP - BLAKE TO PARKER**

SHEET NUMBER: **C3.0**

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C3.0 COMMUNITY GARDEN PARK - SWMP.dwg

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

SITE LEGEND

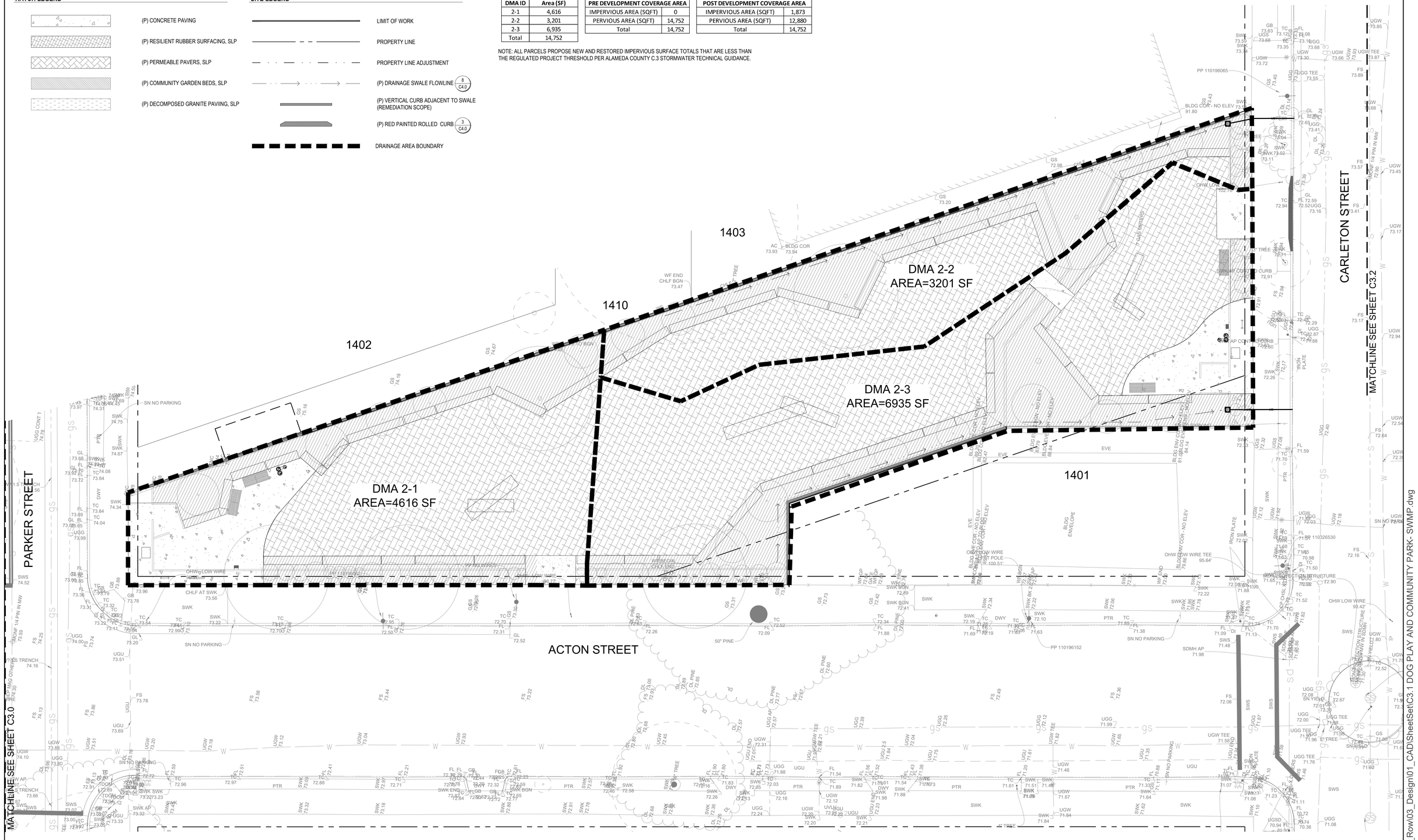
- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- DRAINAGE AREA BOUNDARY

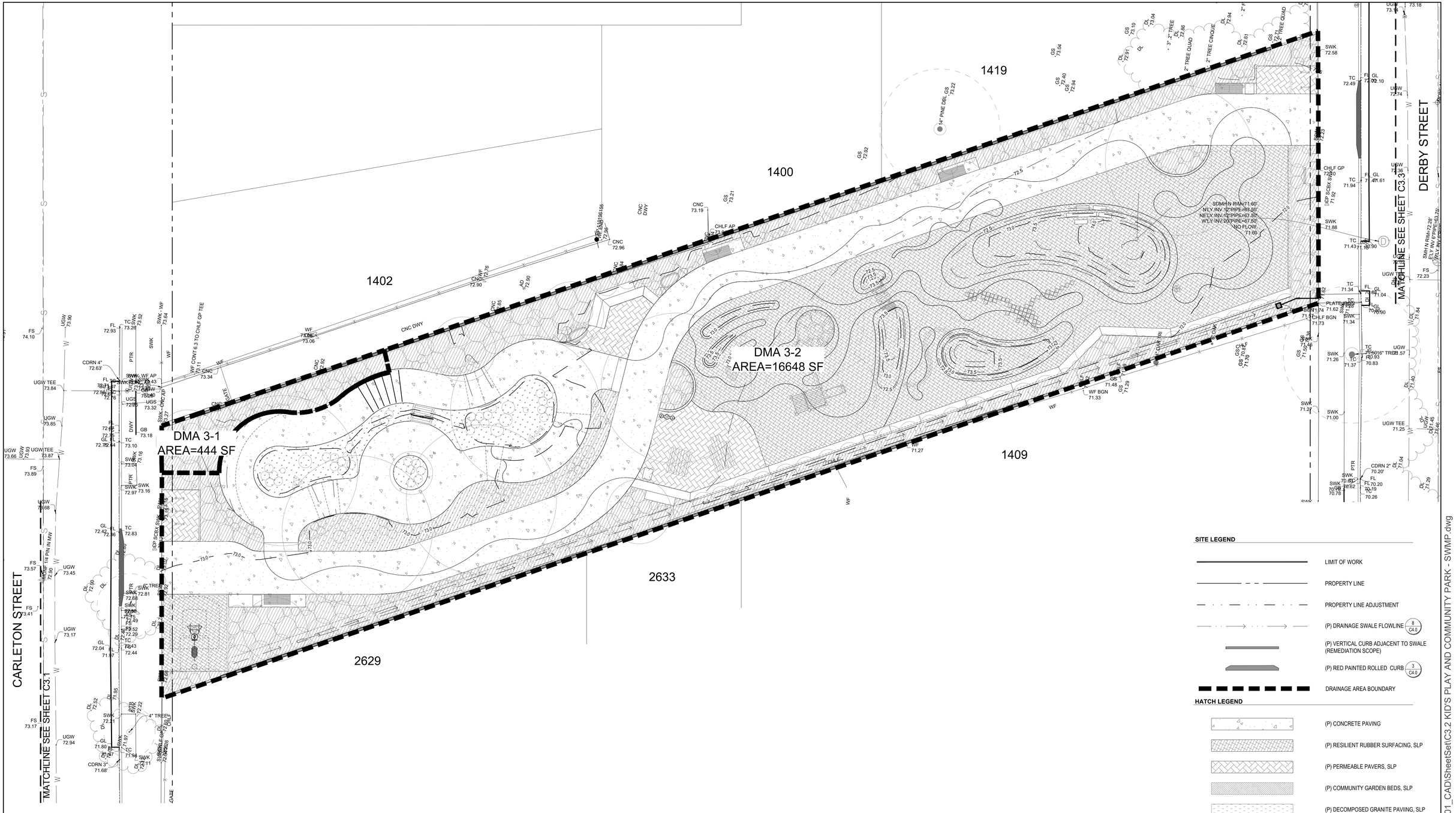
DMA ID	Area (SF)
2-1	4,616
2-2	3,201
2-3	6,935
Total	14,752

PRE DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	0
PERVIOUS AREA (SQFT)	14,752
Total	14,752

POST DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	1,873
PERVIOUS AREA (SQFT)	12,880
Total	14,752

NOTE: ALL PARCELS PROPOSE NEW AND RESTORED IMPERVIOUS SURFACE TOTALS THAT ARE LESS THAN THE REGULATED PROJECT THRESHOLD PER ALAMEDA COUNTY C.3 STORMWATER TECHNICAL GUIDANCE.





SITE LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- DRAINAGE AREA BOUNDARY

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

PRE DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	0
PERVIOUS AREA (SQFT)	17,092
Total	17,092

POST DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	4,273
PERVIOUS AREA (SQFT)	12,819
Total	17,092

DMA ID	Area (SF)
3-1	444
3-2	16,648
Total	17,092

NOTE: ALL PARCELS PROPOSE NEW AND RESTORED IMPERVIOUS SURFACE TOTALS THAT ARE LESS THAN THE REGULATED PROJECT THRESHOLD PER ALAMEDA COUNTY C.3 STORMWATER TECHNICAL GUIDANCE.

North 0 5' 10' 20'

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TEL: (415) 677-7300

STAMP: REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR LEWIS C-72828 EXP: 06/30/26 CIVIL STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing**
Berkeley, CA

PROJECT NUMBER: PRWPK2102

CLIENT: CITY OF BERKELEY
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

ISSUE: BID SET
DATE: 4/1/26

SHEET TITLE: SWMP - CARLETON TO DERBY

SHEET NUMBER: C3.2

P:\2022\22-108_SantaFe_Row\03_Design\01_CADISheetSet\C3.2 KID'S PLAY AND COMMUNITY PARK - SWMP.dwg

SITE LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- PROPERTY LINE ADJUSTMENT
- (P) DRAINAGE SWALE FLOWLINE (8 / C4.0)
- (P) VERTICAL CURB ADJACENT TO SWALE (REMEDIATION SCOPE)
- (P) RED PAINTED ROLLED CURB (3 / C4.0)
- DRAINAGE AREA BOUNDARY

HATCH LEGEND

- (P) CONCRETE PAVING
- (P) RESILIENT RUBBER SURFACING, SLP
- (P) PERMEABLE PAVERS, SLP
- (P) COMMUNITY GARDEN BEDS, SLP
- (P) DECOMPOSED GRANITE PAVIING, SLP

PRE DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	0
PERVIOUS AREA (SQFT)	16,236
Total	16,236

POST DEVELOPMENT COVERAGE AREA	
IMPERVIOUS AREA (SQFT)	2,629
PERVIOUS AREA (SQFT)	13,607
Total	16,236

DMA ID	Area (SF)
4-1	9,174
4-2	7,062
Total	16,236

NOTE: ALL PARCELS PROPOSE NEW AND RESTORED IMPERVIOUS SURFACE TOTALS THAT ARE LESS THAN THE REGULATED PROJECT THRESHOLD PER ALAMEDA COUNTY C.3 STORMWATER TECHNICAL GUIDANCE.

North 0 5' 10' 20'

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SHERWOOD DESIGN ENGINEERS
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SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

STAMP: REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR EYES EXP: 06/30/26 CC-72828 CIVIL STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing**
Berkeley, CA

PROJECT NUMBER: PRWPK2102

CLIENT: **CITY OF BERKELEY**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

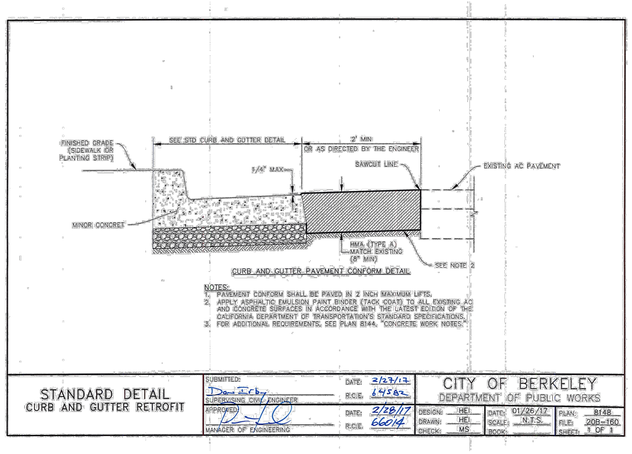
REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

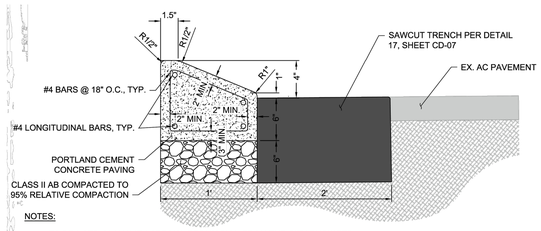
ISSUE: BID SET
DATE: 4/1/26

SHEET TITLE: **SWMP - DERBY TO WARD**

SHEET NUMBER: **C3.3**

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C3.3 URBAN FARM AND EDUCATION PARK - SWMP.dwg

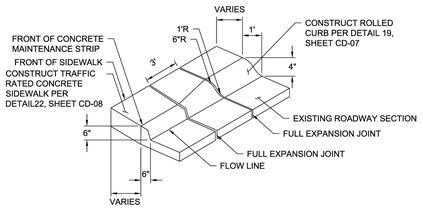




NOTES:

1. TO BE USED ONLY WITH SPECIAL PERMISSION FROM THE CITY ENGINEER.
2. FOR ADDITIONAL REQUIREMENTS, SEE CITY OF BERKELEY PLAN 8144, "CONCRETE WORK NOTES."
3. AS APPLICABLE, REUSE OF EXISTING BASEROCK SHALL REQUIRE APPROVAL BY THE ENGINEER PRIOR TO PLACEMENT

ROLLED CURB



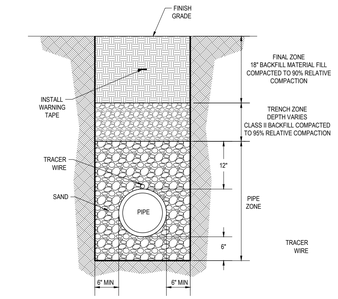
VERTICAL TO ROLLED CURB TRANSITION

3 ROLLED CURB

SCALE: NTS

1 NOT USED

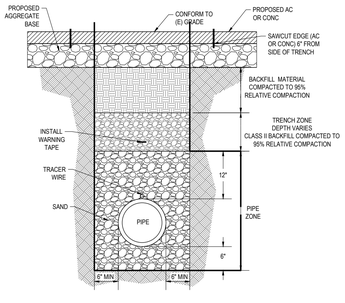
SCALE: NTS



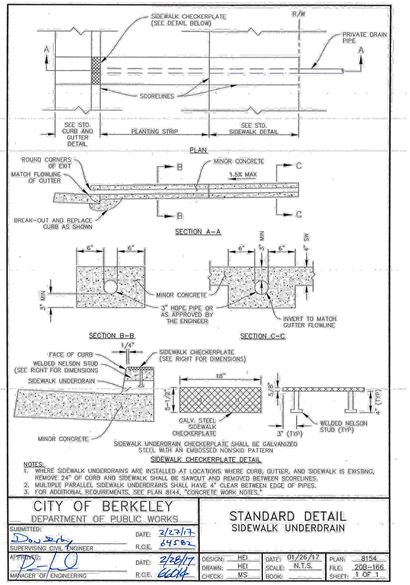
NOTE:
1. REFER TO THE UTILITY PLANS FOR ANY REQUIREMENTS TO POTHOLE AND OVER-EXCAVATE TO AVOID (E) UTILITIES AND OTHER SUB- SURFACE INFRASTRUCTURE.

2 6" CURB AND GUTTER (RETROFIT)

SCALE: NTS



NOTE:
1. REFER TO THE UTILITY PLANS FOR ANY REQUIREMENTS TO POTHOLE AND OVER-EXCAVATE TO AVOID (E) UTILITIES AND OTHER SUB- SURFACE INFRASTRUCTURE.
2. APPLY TACK OIL ON ALL SURFACES PRIOR TO LAYING AC.



NOTES:
1. WHERE SIDEWALK UNDERDRAINS ARE INSTALLED AT LOCATIONS WHERE CURB, GUTTER, AND SIDEWALK IS EXISTING, REMOVE 24" OF CURB AND SIDEWALK SHALL BE SAWCUT AND REMOVED BETWEEN SCORELINES.
2. MULTIPLE PARALLEL SIDEWALK UNDERDRAINS SHALL HAVE 4" CLEAR BETWEEN EDGE OF PIPES.
3. FOR ADDITIONAL REQUIREMENTS, SEE PLAN 8144, "CONCRETE WORK NOTES."

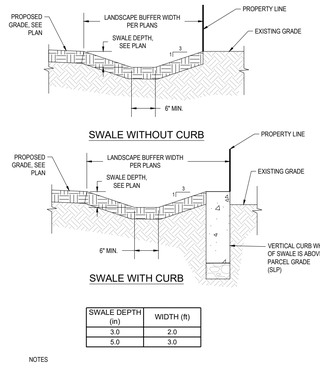
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

STANDARD DETAIL
SIDEWALK UNDERDRAIN

SUBMITTED: DATE: 2/23/17
SUPERVISING CIVIL ENGINEER R.C.E. 64582
APPROVED: DATE: 2/28/17
MANAGER OF ENGINEERING R.C.E. 66014
DESIGN: HEI
DRAWN: HEI
CHECK: MS
DATE: 01/26/17
SCALE: N.T.S.
BOOK:
PLAN: 8154
FILE: 20B-166
SHEET: 1 OF 1

6 SIDEWALK UNDERDRAIN

SCALE: NTS



SWALE WITHOUT CURB

SWALE WITH CURB

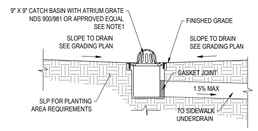
SWALE DEPTH (in)	WIDTH (ft)
3.0	2.0
5.0	3.0

NOTES

1. LONGITUDINAL SWALE SLOPE AS SHOWN ON GRADING AND DRAINAGE PLANS.
2. VERTICAL CURB LOCATIONS SHOWN ON PLANS TO BE VERIFIED IN FIELD BASED ON ADJACENT PARCEL TIE-IN ELEVATIONS. VERTICAL CURB TO BE INSTALLED BETWEEN DRAINAGE SWALE AND ADJACENT PROPERTY WHERE TOP OF SWALE 3H:1V SIDE SLOPE IS ABOVE TIE-IN ELEVATION.

8 LANDSCAPE DRAINAGE SWALE

SCALE: NTS



NOTES

1. BASE OF GRATE TO BE FLUSH WITH ADJACENT LANDSCAPE.
2. BRING TO SURFACE WITH TEMPORARY PLUG. AFTER ALL BACKFILL IS COMPLETE AND SUB-GRADE ESTABLISHED IN AREAS TO BE PAVED, THE FINAL RISER PIPE AND BOX SHALL BE INSTALLED AS SHOWN.

10 LANDSCAPE AREA DRAIN

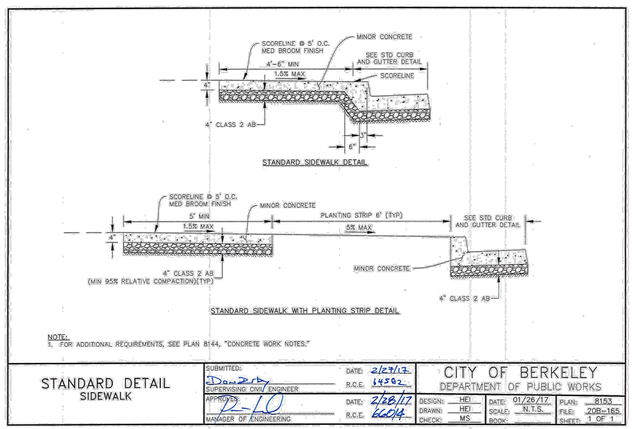
SCALE: NTS

4 UTILITY TRENCH IN LANDSCAPE AREAS

SCALE: NTS

5 UTILITY TRENCH RESURFACING PAVED AREAS

SCALE: NTS



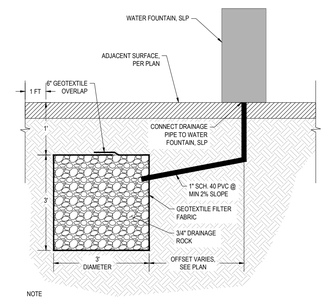
NOTE:
1. FOR ADDITIONAL REQUIREMENTS, SEE PLAN 8144, "CONCRETE WORK NOTES."

STANDARD DETAIL
SIDEWALK

SUBMITTED: DATE: 2/23/17
SUPERVISING CIVIL ENGINEER R.C.E. 64582
APPROVED: DATE: 2/28/17
MANAGER OF ENGINEERING R.C.E. 66014
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS
DESIGN: HEI
DRAWN: HEI
CHECK: MS
DATE: 01/26/17
SCALE: N.T.S.
BOOK:
PLAN: 8153
FILE: 20B-165
SHEET: 1 OF 1

7 SIDEWALK PAVEMENT

SCALE: NTS



NOTE

1. SEE LANDSCAPE PLANS FOR WATER FOUNTAIN DETAIL

9 WATER FOUNTAIN DRYWELL

SCALE: NTS

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
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TEL: (415) 677-7300

REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR LEWIS EXP: 06/30/26 C-72828 CIVIL STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

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PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION		
NUMBER	DATE	DESCRIPTION
	10/17/2025	PERMIT RESUBMITTAL 1
	4/1/2026	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE

4/1/26
DATE:

DETAILS
SHEET TITLE:

C4.0
SHEET NUMBER:

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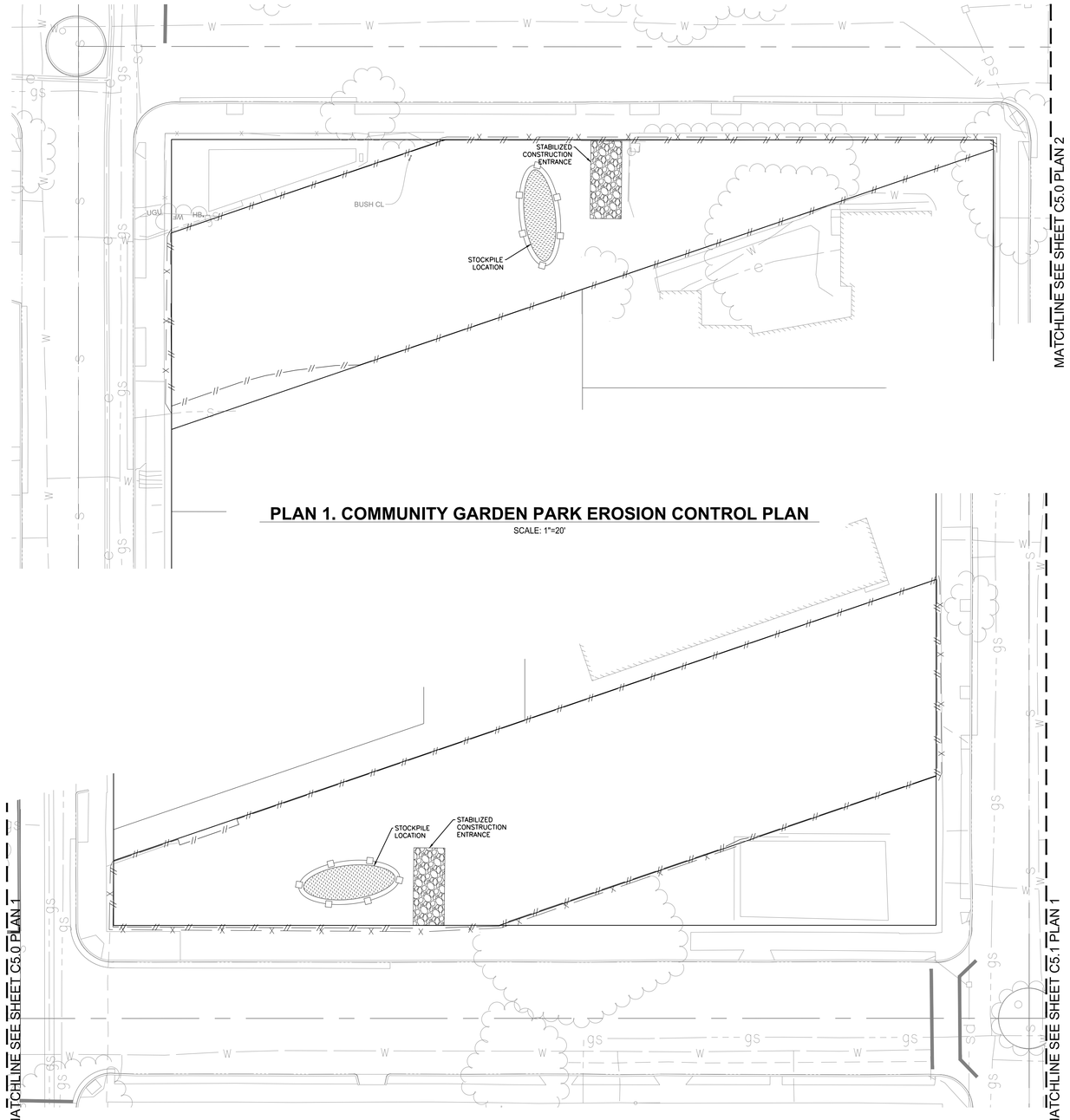
EROSION CONTROL NOTE

1. PROVIDE INLET PROTECTION FOR ANY INLETS DOWNSTREAM AND WITHIN ONE (1) BLOCK OF THE PROJECT LIMIT OF WORK.

EROSION CONTROL LEGEND

- FIBER ROLLS (1 / C5.2)
- SILT FENCE (2 / C5.2)
- CONSTRUCTION STOCKPILE (4 / C5.2)
- CONSTRUCTION ENTRANCE (3 / C5.2)
- CONSTRUCTION FENCE



PLAN 1. COMMUNITY GARDEN PARK EROSION CONTROL PLAN

SCALE: 1"=20'

PLAN 2. DOG PLAY AND COMMUNITY PARK EROSION CONTROL PLAN

SCALE: 1"=20'

North 0 10' 20' 40'

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

SHERWOOD DESIGN ENGINEERS
2548 MISSION STREET
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

STAMP: REGISTERED PROFESSIONAL ENGINEER JOHN SINCLAIR EVES C-72828 EXP: 06/30/26 CIVIL STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing**
Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **CITY OF BERKELEY**
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

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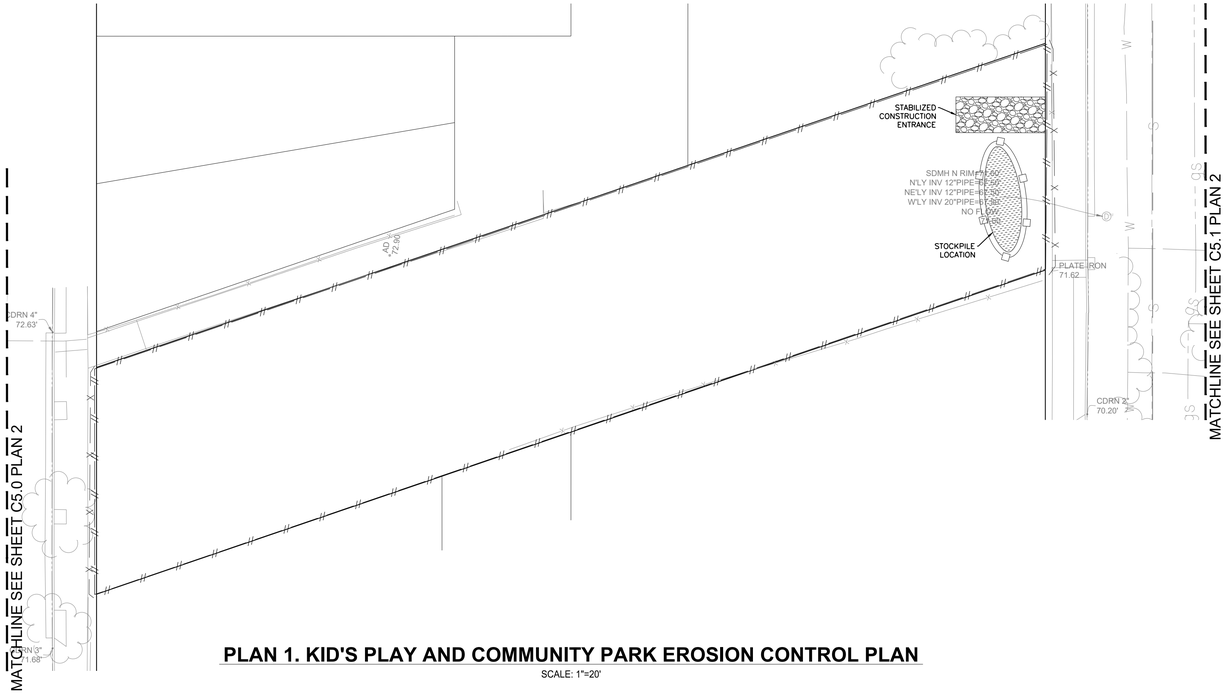
ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **ESCP - BLAKE TO CARLETON**

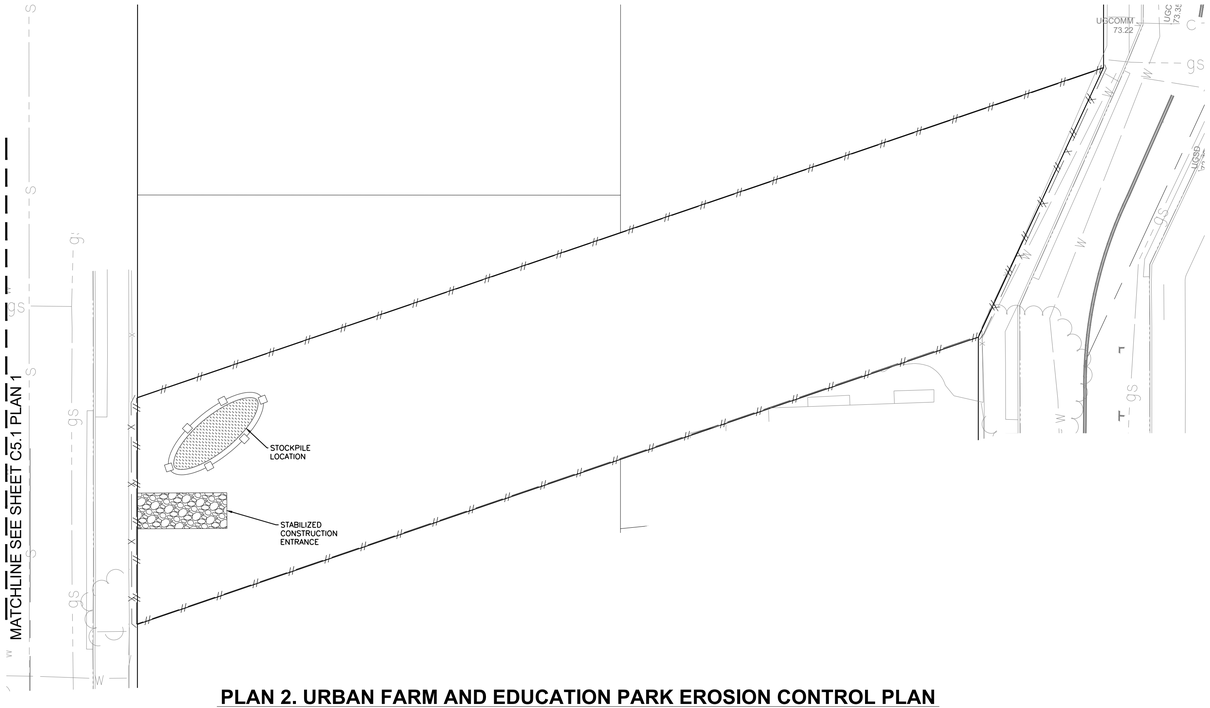
SHEET NUMBER: **C5.0**

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C4.0 COMMUNITY GARDEN PARK - DOG PLAY AND COMMUNITY PARK - ESCP.dwg



PLAN 1. KID'S PLAY AND COMMUNITY PARK EROSION CONTROL PLAN

SCALE: 1"=20'



PLAN 2. URBAN FARM AND EDUCATION PARK EROSION CONTROL PLAN

SCALE: 1"=20'

EROSION CONTROL NOTE

1. PROVIDE INLET PROTECTION FOR ANY INLETS DOWNSTREAM AND WITHIN ONE (1) BLOCK OF THE PROJECT LIMIT OF WORK.

EROSION CONTROL LEGEND

- FIBER ROLLS — 1/C5.2
- SILT FENCE — 2/C5.2
- CONSTRUCTION STOCKPILE — 4/C5.2
- CONSTRUCTION ENTRANCE — 3/C5.2
- CONSTRUCTION FENCE

North 0 10' 20' 40'

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

SHERWOOD DESIGN ENGINEERS
2548 MISSION STREET
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

STAMP: REGISTERED PROFESSIONAL ENGINEER — JOHN SINCLAIR LEYS — EXP: 06/30/26 — C-72828 — CIVIL — STATE OF CALIFORNIA

PROJECT: **Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing** — Berkeley, CA

PROJECT NUMBER: **PRWPK2102**

CLIENT: **CITY OF BERKELEY** — 2180 MILVIA STREET, 3RD FLOOR, BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
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NUMBER	DATE	DESCRIPTION
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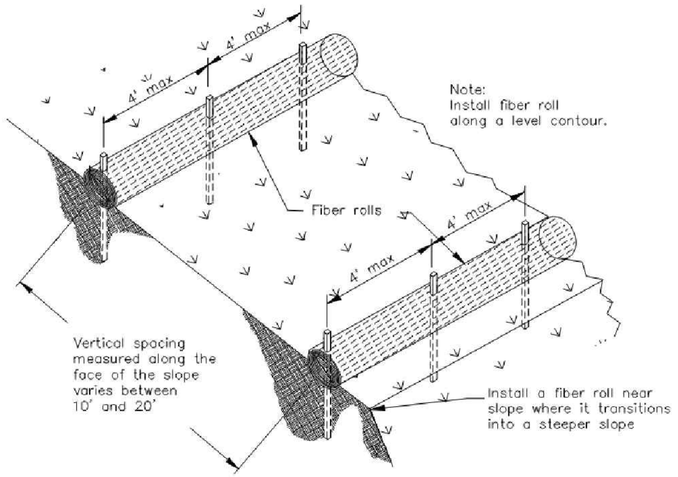
ISSUE: **BID SET**
DATE: **4/1/26**

SHEET TITLE: **ESCP - CARLETON TO WARD**

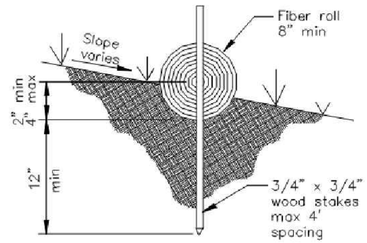
SHEET NUMBER: **C5.1**

P:\2022\22-108_SantaFe_Row\03_Design\01_CAD\SheetSet\C4.1 KID'S PLAY AND COMMUNITY PARK - URBAN FARM AND EDUCATION PARK.dwg



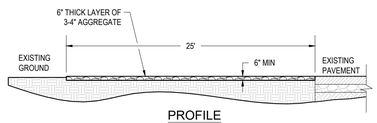
TYPICAL FIBER ROLL INSTALLATION

N.T.S.

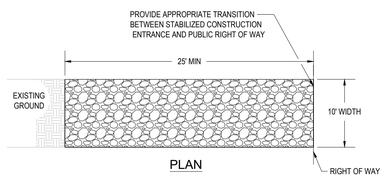


1 FIBER ROLL/SILT SOCK

SCALE: NTS



PROFILE



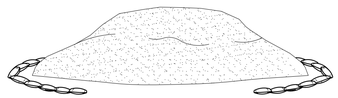
PLAN

NOTES

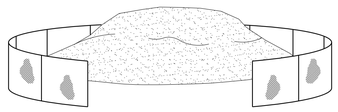
1. WASHING - WHEN NECESSARY; WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL BOARDS OR OTHER APPROVED METHODS.
2. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONES AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.

3 STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS



GRAVEL BAGS



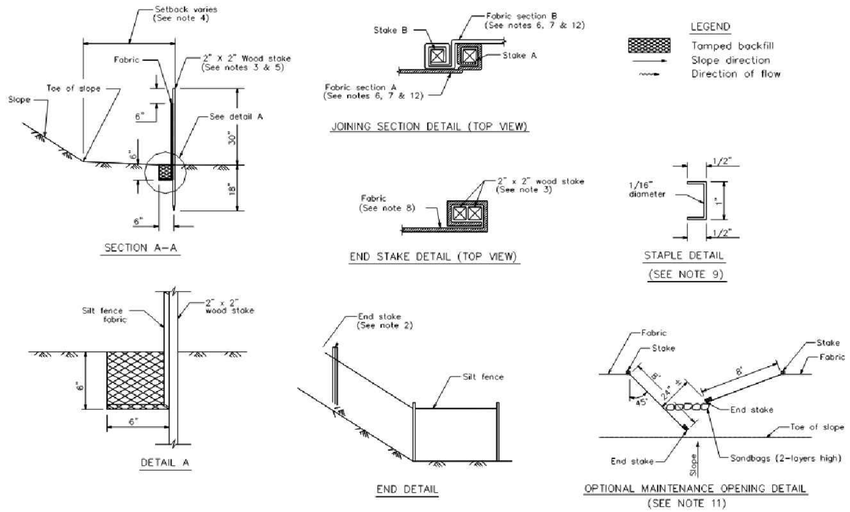
SILT FENCE

NOTES

1. INSTALL SILT FENCE (ERTEC S-FENCE OR APPROVED EQUAL) OR HALF FULL GRAVEL BAGS AT APPROXIMATE 3' FROM BASE OF STOCKPILE TO CONTAIN RUNOFF. REPLACE ANY PORTIONS REMOVED FOR ACCESS AT THE END OF WORKING DAY AND PRIOR TO ANY RAINFALL. PLACE AND TIE DOWN TARPS OR PLASTIC SHEETING OVER STOCKPILE IF REQUIRED TO PREVENT WIND EROSION.

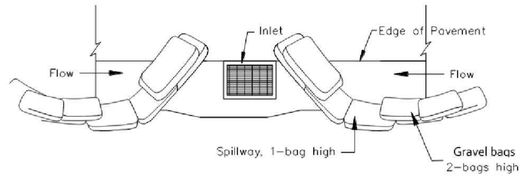
4 STOCKPILE PROTECTION

SCALE: NTS

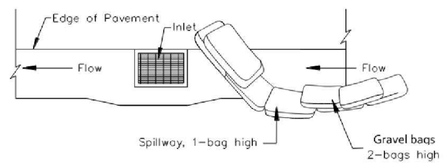


2 SILT FENCE

SCALE: NTS



TYPICAL PROTECTION FOR INLET ON SUMP



TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:
1. Intended for short-term use.
2. Use to inhibit non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed
5. Not applicable in areas with high silts and clays without filter fabric.
6. Protection can be effective even if it is not immediately adjacent to the inlet provided that the inlet is protected from potential sources of pollution.

5 INLET PROTECTION

SCALE: NTS

MIG | PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

SHERWOOD DESIGN ENGINEERS
2548 MISSION STREET
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

REGISTERED PROFESSIONAL ENGINEER
JOHN SINCLAIR LEE
EXP: 06/30/26
C-72628
CIVIL
STATE OF CALIFORNIA

STAMP:

Santa Fe Trackbed to Park Conversion Project Demolition and Perimeter Fencing
Berkeley, CA

PROJECT:

PRWPK2102

PROJECT NUMBER:

CITY OF BERKELEY
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

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2548 MISSION ST
SAN FRANCISCO, CA 94110
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BID SET
ISSUE

4/1/26
DATE:

EROSION CONTROL DETAILS
SHEET TITLE:

C5.2
SHEET NUMBER:

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LEGEND

CIRCUITING

A–1 — HOMERUN CONDUIT AND CONDUCTORS TO PANEL 'A' CIRCUIT 1; SLASH MARKS INDICATE NUMBER OF CONDUCTORS, 2 #12 AWG + 1 #12 GND, UON

CONDUIT RUN IN WALL OR CEILING

CONDUIT RUN UNDERGROUND

CONDUIT UP

CONDUIT DOWN

CONDUIT CAP

CONDUIT CONTINUED

ELECTRICAL APPARATUS AND EQUIPMENT

MOTOR OUTLET

CIRCUIT BREAKER

SAFETY DISCONNECT SWITCH, FUSED AND NON–FUSED

GROUND TO EARTH

(M) UTILITY METER SOCKET

UGTF UNDERGROUND TERMINATION FACILITY

SWITCH

DUPLEX RECEPTACLE, +15" AFF UON

PB ELECTRIC PULLBOX, CHRISTY N9

CPB COMMUNICATIONS PULLBOX, CHRISTY N16

IC IRRIGATION CONTROLLER

BP BOOSTER PUMP

PC PHOTOCONTROL

C LIGHTING CONTACTOR

PATHWAY LIGHT POLE

SERVICE METER PEDESTAL

TAGS

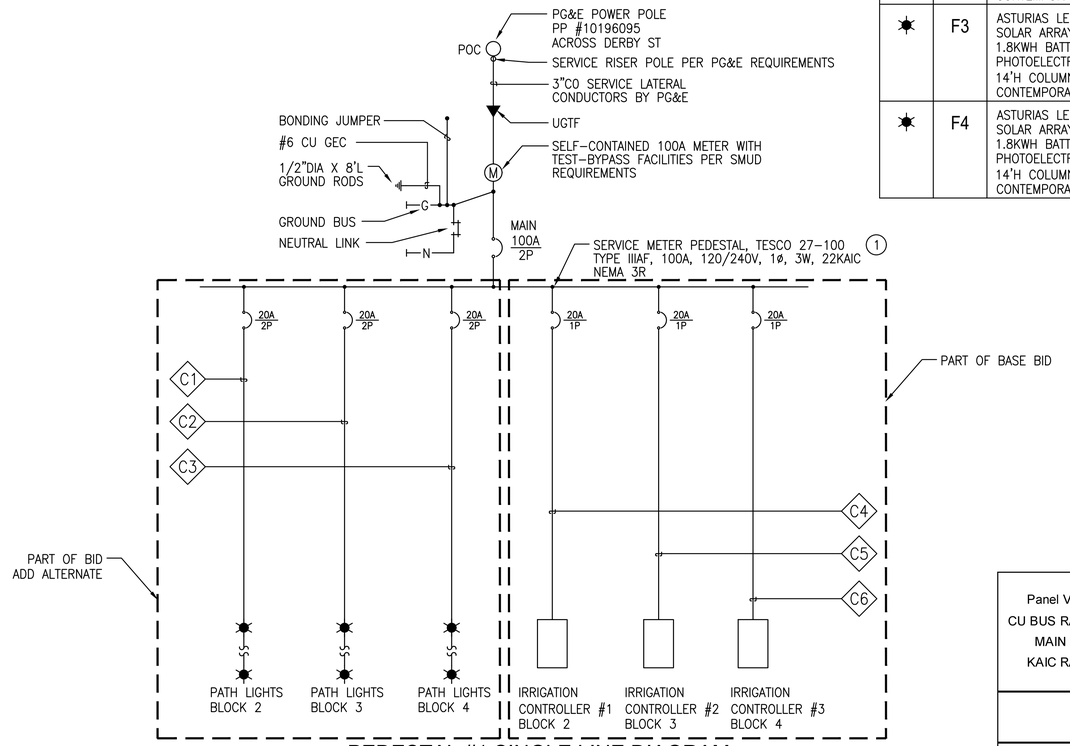
(1) SHEET NOTE TAG, NOTE 1

F1 LIGHT FIXTURE TAG, FIXTURE TYPE F1

1 / E1.0 DETAIL TAG e.g., 1 IS THE DETAIL NUMBER, E1.0 IS THE SHEET NUMBER

SHEET NOTES:

(1) SHORT CIRCUIT CURRENT RATING SHALL BE VERIFIED WITH PG&E PRIOR TO ORDERING EQUIPMENT



1 PEDESTAL #1 SINGLE LINE DIAGRAM
LOCATED AT DERBY STREET PARCEL 4

ABBREVIATIONS

A	AMPERE	PCC	PORTLAND CEMENT CONCRETE
AFG	ABOVE FINISHED GRADE	POC	POINT OF CONNECTION
AWG	AMERICAN WIRE GAUGE	PVC	POLYVINYLCHLORIDE
C	CONDUIT	SL	STREET LIGHT
CB	CIRCUIT BREAKER	SLD	SEE LANDSCAPE DRAWINGS
CO	CONDUIT ONLY	SMD	SEE MECHANICAL DRAWINGS
CKT	CIRCUIT	TBD	TO BE DETERMINED
CL	CENTERLINE	TYP	TYPICAL
CWP	COLD WATER PIPE	UON	UNLESS OTHERWISE NOTED
CU	COPPER	V	VOLT
(E)	EXISTING TO REMAIN	W	WATT
EGC	EQUIPMENT GROUNDING CONDUCTOR	WAP	WIRELESS ACCESS POINT
G, GND	GROUND	WP	WEATHERPROOF
GEC	GROUNDING ELECTRODE CONDUCTOR	LTG	LIGHTING
HDPE	HIGH–DENSITY POLYETHYLENE	LTS	LIGHTS
JP	JOINT POLE	(N)	NEW
KCMIL	THOUSAND OF CIRCULAR MILS	(R)	EXISTING TO BE REMOVED
LCP	LIGHTING CONTROL PANEL	RR	RESTROOM
LED	LIGHT EMITTING DIODE	(RL)	RELOCATED EXISTING
PNL	PANEL	PB	PULLBOX

LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	DESCRIPTION	MANUFACTURER'S CATALOG NO.	MOUNTING	VOLT.	LAMPS	REMARKS	QTY.
✶	F1	ASTURIAS LED LIGHT FIXTURE ON COLUMN, SOLAR ARRAY RS320, 24V–75AH LITHIUM ION 1.8KWH BATTERY, IES TYPE 2 DISTRIBUTION, PHOTOELECTRIC CELL BUTTON, DIMMABLE, 14'H COLUMN, ROUND COVER, 30" CONTEMPORARY BASE	ASTURIAS LED FIXTURE # XHP70.2 MOD BLOCK–3070–T2 WITH LIGHT SCREENS TO KEEP LIGHT OUT OF NEIGHBORING PROPERTIES	POLE	SOLAR: 12–24VDC UTILITY: 240VAC	30W LED W/ 3000K	PATHWAY	3
✶	F2	ASTURIAS LED LIGHT FIXTURE ON COLUMN, SOLAR ARRAY RS320, 24V–75AH LITHIUM ION 1.8KWH BATTERY, IES TYPE 3 DISTRIBUTION, PHOTOELECTRIC CELL BUTTON, DIMMABLE, 14'H COLUMN, ROUND COVER, 30" CONTEMPORARY BASE	ASTURIAS LED FIXTURE # XHP70.2 MOD BLOCK–3070–T3 WITH LIGHT SCREENS TO KEEP LIGHT OUT OF NEIGHBORING PROPERTIES	POLE	SOLAR: 12–24VDC UTILITY: 240VAC	30W LED W/ 3000K	PATHWAY	5
✶	F3	ASTURIAS LED LIGHT FIXTURE ON COLUMN, SOLAR ARRAY RS320, 24V–75AH LITHIUM ION 1.8KWH BATTERY, IES TYPE 4 DISTRIBUTION, PHOTOELECTRIC CELL BUTTON, DIMMABLE, 14'H COLUMN, ROUND COVER, 30" CONTEMPORARY BASE	ASTURIAS LED FIXTURE # XHP70.2 MOD BLOCK–3070–T4 WITH LIGHT SCREENS TO KEEP LIGHT OUT OF NEIGHBORING PROPERTIES	POLE	SOLAR: 12–24VDC UTILITY: 240VAC	30W LED W/ 3000K	PATHWAY	6
✶	F4	ASTURIAS LED LIGHT FIXTURE ON COLUMN, SOLAR ARRAY RS320, 24V–75AH LITHIUM ION 1.8KWH BATTERY, IES TYPE 5 DISTRIBUTION, PHOTOELECTRIC CELL BUTTON, DIMMABLE, 14'H COLUMN, ROUND COVER, 30" CONTEMPORARY BASE	ASTURIAS LED FIXTURE # XHP70.2 MOD BLOCK–3070–T5	POLE	SOLAR: 12–24VDC UTILITY: 240VAC	30W LED W/ 3000K	PATHWAY	2

PROJECT NAME: SANTA FE RIGHT-OF-WAY
ADDRESS: BERKELEY, CA 94702

DESCRIPTION	*QTY*	*VA*	*TOTAL VA*
PARCEL LIGHTING	16	32	505
IRRIGATION CONTROLLER	3	200	600
FUTURE LOADS			5,000
TOTAL LOAD			**6,105**
REQUESTED SERVICE RATED AT 120/240V, 1-PHASE, 3 WIRE			**100A**

2 SERVICE LOAD CALCULATION

Panel Voltage: 240 / 120 1ϕ, 3W
CU BUS RATING: 100
MAIN OCPD: 100
KAIC RATING: 22kA
* = ESTIMATED LOAD

PANEL: PEDESTAL #1

EQ. GND CU BUS: YES
ISO. GND CU BUS: NO

MOUNTING: SURFACE
ENCLOSURE: NEMA 3R
LOCATION: BLOCK 3
FED FROM:

SERVES	Volt Amp (VA)	CIR. NO.	BKR.		BKR.	CIR. NO.	Volt Amp (VA)	SERVES
PATH LIGHT BLOCK 2	80	1	2		1/20	2	200	IRRIGATION CONTROLLER #1
	80	3		20	1/20	4	200	IRRIGATION CONTROLLER #2
PATH LIGHT BLOCK 3	92	5	2		1/20	6	200	IRRIGATION CONTROLLER #3
	92	7		20	1/20	8		SPARE
PATH LIGHT BLOCK 4	80	9	2		1/20	10		SPARE
	80	11		20		12		SPACE
Subtotal	504						600	Subtotal
Connect Load: **1,104** VA			**4.60** Amp					

3 PANEL SCHEDULE

PART OF BID
ADD ALTERNATE

PART OF BASE BID

FEEDER SCHEDULE & VOLTAGE DROP CALC.

INITIAL CONDUCTOR LOCATION	FINAL CONDUCTOR LOCATION	FEEDER TAG	RACEWAY SIZE OR DIRECT BURIAL	OCPD	ONE WAY LENGTH (FT)	VOLTAGE DROP %	CURRENT CARRYING CONDUCTOR TYPE AND SIZE	NEUTRAL WIRE TYPE AND SIZE	GROUNDING CONDUCTOR SIZE (AWG)	NOTES
LIGHITNG BLOCK 2	PEDESTAL #1	C1	1-1/4" HDPE	20	760	1.97%	1 - #2 AWG, CU-THWN-2	1 - #2 AWG, CU-THWN-2	1 - #2 AWG, CU-THWN-2	EGC
LIGHITNG BLOCK 3	PEDESTAL #1	C2	1" HDPE	20	380	1.57%	1 - #4 AWG, CU-THWN-2	1 - #4 AWG, CU-THWN-2	1 - #4 AWG, CU-THWN-2	EGC
LIGHITNG BLOCK 4	PEDESTAL #1	C3	1" HDPE	20	230	1.48%	1 - #6 AWG, CU-THWN-2	1 - #6 AWG, CU-THWN-2	1 - #6 AWG, CU-THWN-2	EGC
IRRIGATION CONTROLLER #1	PEDESTAL #1	C4	1-1/2" HDPE	20	550	1.87%	1 - #1/0 AWG, CU-THWN-2	1 - #1/0 AWG, CU-THWN-2	1 - #1/0 AWG, CU-THWN-2	EGC
IRRIGATION CONTROLLER #2	PEDESTAL #1	C5	1-1/2" HDPE	20	400	1.67%	1 - #1 AWG, CU-THWN-2	1 - #1 AWG, CU-THWN-2	1 - #1 AWG, CU-THWN-2	EGC
IRRIGATION CONTROLLER #3	PEDESTAL #1	C6	1-1/4" HDPE	20	215	1.77%	1 - #4 AWG, CU-THWN-2	1 - #4 AWG, CU-THWN-2	1 - #4 AWG, CU-THWN-2	EGC

4 FEEDER SCHEDULE & VOLTAGE DROP CALC.

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

PEARCE
1222 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
www.pearce-services.com

REGISTERED PROFESSIONAL ENGINEER — JEFFREY H. ANGLEY — Lic. No. 19459 Exp. 06/30/2027 — CIVIL — STATE OF CALIFORNIA

STAMP:

Santa Fe Right-of-Way
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
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CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

NUMBER	DATE	DESCRIPTION
1	01/29/25	PRICING SET
2	02/12/25	PERMIT SET DRAFT
3	02/19/25	PERMIT SET
4	10/17/25	REVISED PERMIT SET
5	04/01/26	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE: 04/01/26
DATE:

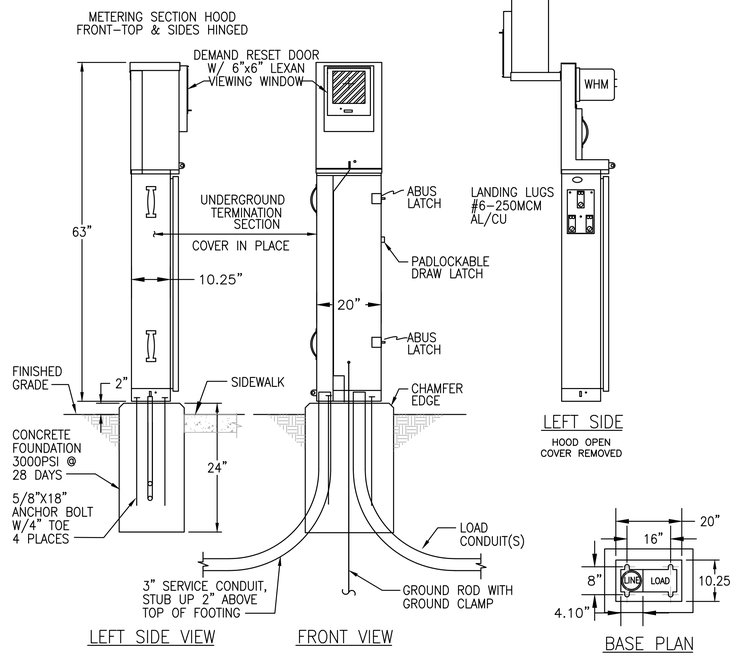
FIXTURE SCHEDULE & SINGLE LINE DIAGRAM
SHEET TITLE:

E1.1
SHEET NUMBER:

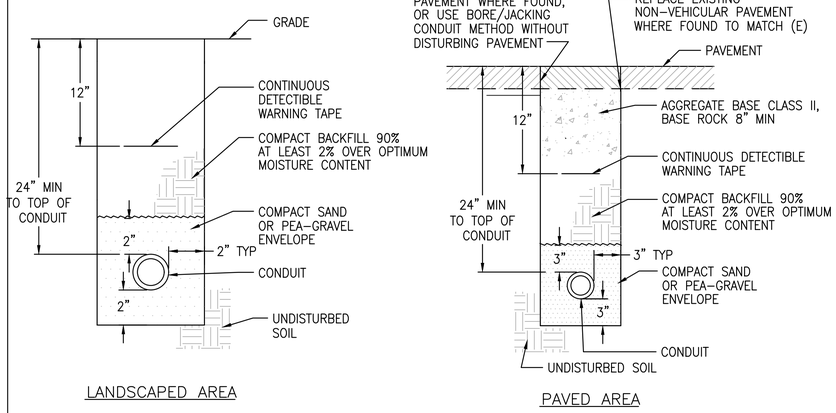
PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

ENCLOSURE CONSTRUCTION NOTES

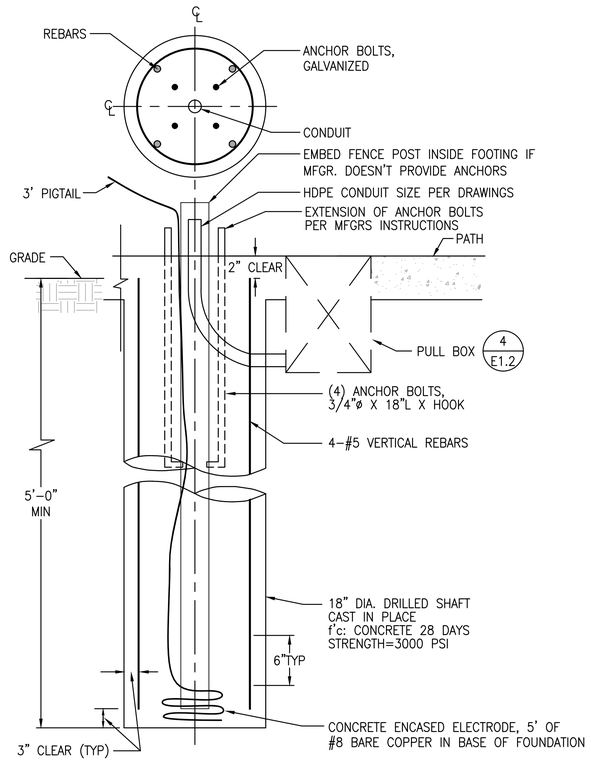
1. EXTERIOR, 1/8" ALUMINUM, AND INTERIOR 14 GA. COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
2. CONSTRUCTION WILL BE NEMA 3R, RAINTIGHT.
3. ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
4. NUTS, BOLTS & SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
5. NAMEPLATES WILL BE PROVIDED AS REQUIRED.
6. CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
7. A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
8. ENCLOSURE WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA AND UL 508A STANDARDS.
9. VANDAL-RESISTANT DOORS WITH HASP, STRESS RATED TO 2,000 LBS. ADDITIONAL OPTIONS FOR VANDALISM PROTECTION AVAILABLE.
10. COLOR AS DIRECTED BY OWNER



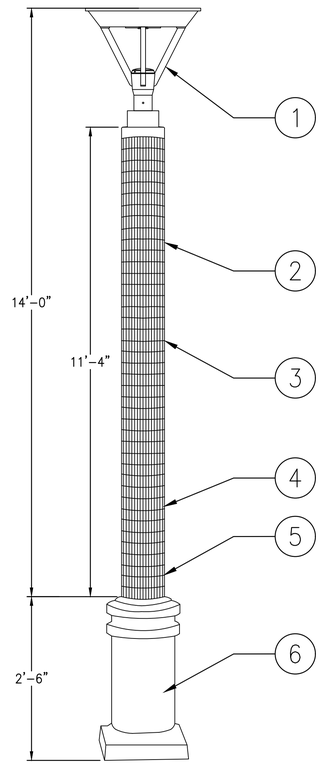
1 SERVICE METER PEDESTAL DETAIL
SCALE: NONE



3 TRENCH DETAILS
SCALE: NONE



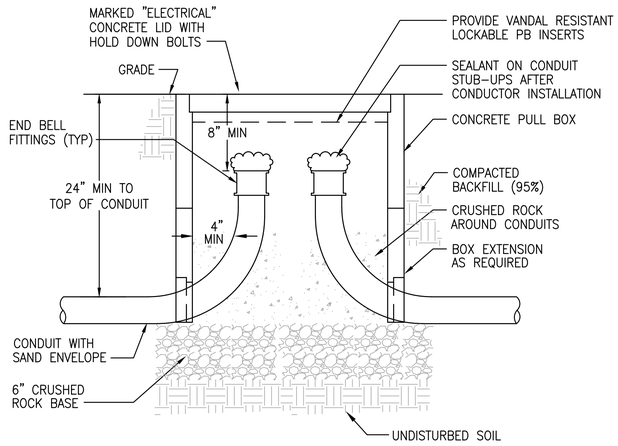
2 LIGHT POLE FOUNDATION DETAIL - PATHWAY
SCALE: NONE



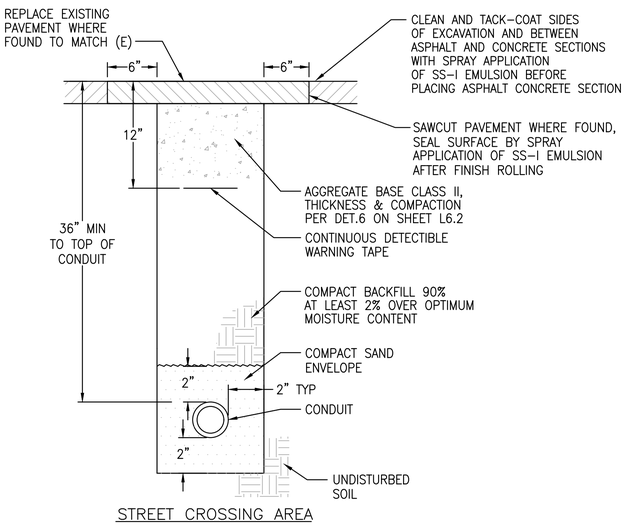
DETAIL NOTES:

1. ASTURIAS LED FIXTURE 30W WITH LIGHT SCREENS TO KEEP LIGHT OUT OF NEIGHBORING PROPERTIES
2. SOLAR ARRAY 320W (11'-4" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
3. BATTERY: 24V-75AH LITHIUM ION 1.8KWH
4. POLE HEIGHT 14'
5. POLE DIAMETER ø5"
6. 2'-6" CONTEMPORARY BASE

5 LIGHT POLE ASSEMBLY DETAIL - PATHWAY
SCALE: NONE



4 PULL BOX DETAIL
SCALE: NONE



6 TRENCH DETAIL (STREET CROSSING)
SCALE: NONE

MIG
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

PGA

PEARCE
1222 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
www.pearce-services.com

REGISTERED PROFESSIONAL ENGINEER JEFFREY H. ASELY Lic. No. 19458 Exp: 06/30/2027 ELECTRICAL STATE OF CALIFORNIA

STAMP:

Santa Fe Right-of-Way
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

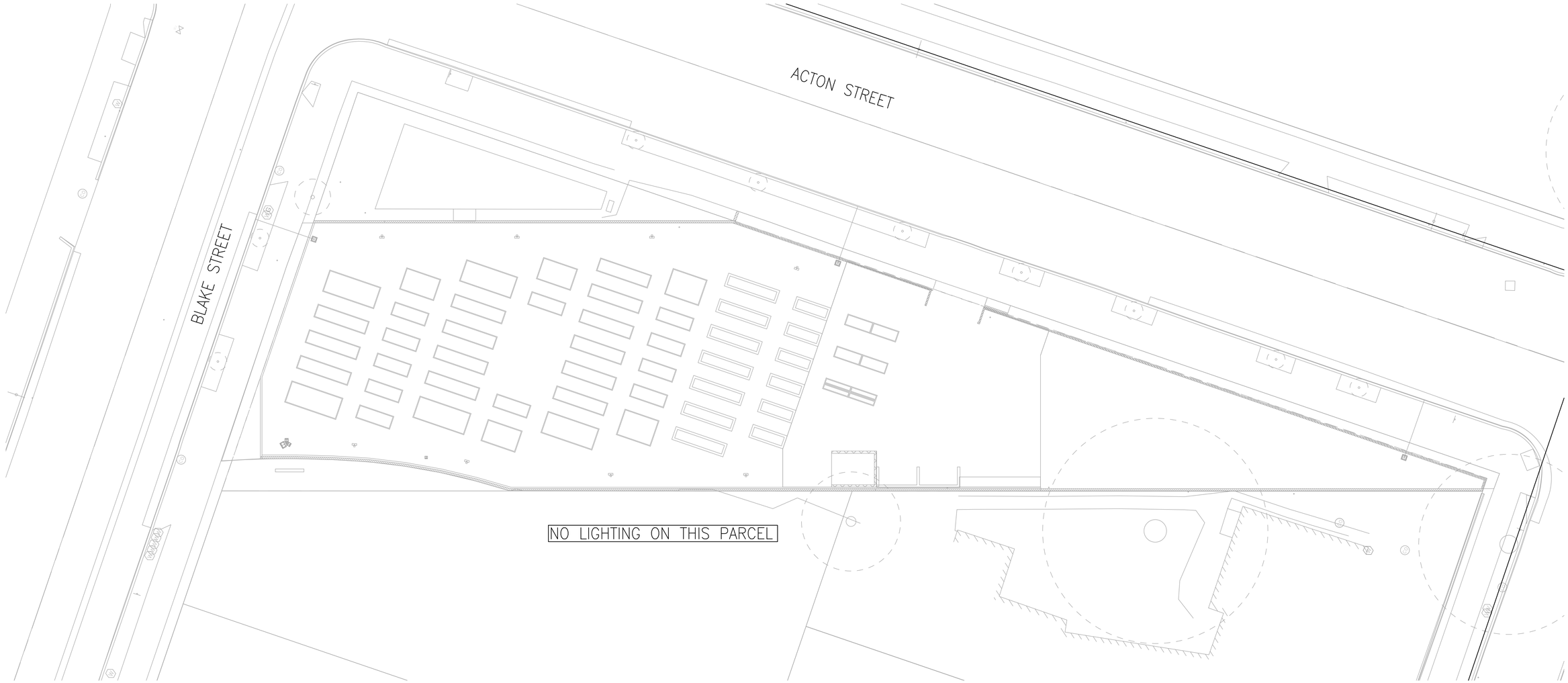
NUMBER	DATE	DESCRIPTION
1	01/29/25	PRICING SET
2	02/12/25	PERMIT SET DRAFT
3	02/19/25	PERMIT SET
4	10/17/25	REVISED PERMIT SET
5	04/01/26	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE:
04/01/26
DATE:

ELECTRICAL DETAILS
SHEET TITLE:

E1.2
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



1 ELECTRICAL PLAN
SCALE: 1/10"=1'-0"

0 5' 10' 20'
SCALE: 1" = 10'-0"

MIG | PGA
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BERKELEY, CA 94710
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Exp: 06/30/2027
Electrical
STATE OF CALIFORNIA

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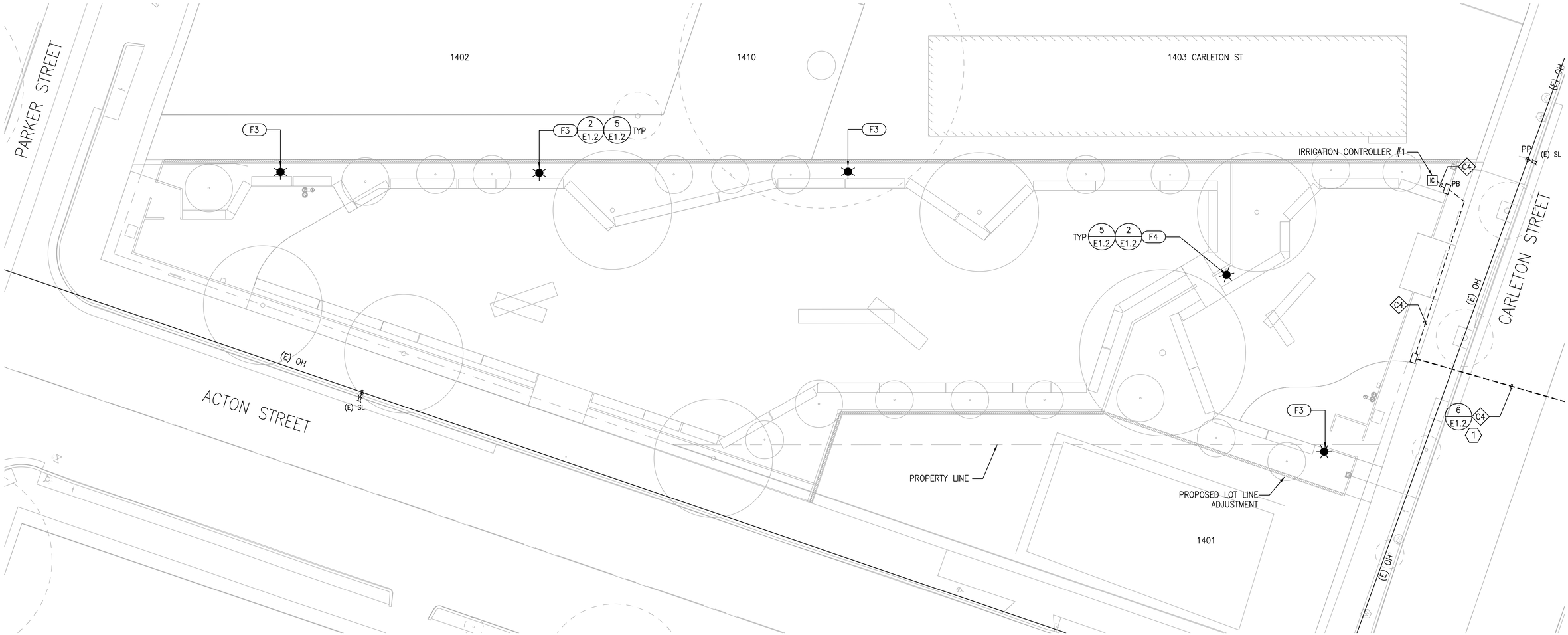
BID SET
ISSUE:
04/01/26
DATE:

ELECTRICAL PLAN
BLAKE TO PARKER ST
BASE BID
SHEET TITLE:

E2.1
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



GENERAL NOTES:

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2. KEEP 5 FEET SEPARATION FROM TREE, AND, WATER OR STORM DRAIN PIPE.
3. REFER TO SHEET E1.1 FOR FEEDER SCHEDULE AND VOLTAGE DROP CALCULATIONS.

KEYED DESIGN NOTES:

(1) REFER TO DETAIL 6, SHEET E1.2 FOR TRENCH DETAIL FOR STREET CROSSING. FIELD COORDINATE EXACT ROUTING.

(1) ELECTRICAL PLAN

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0 5' 10' 20'

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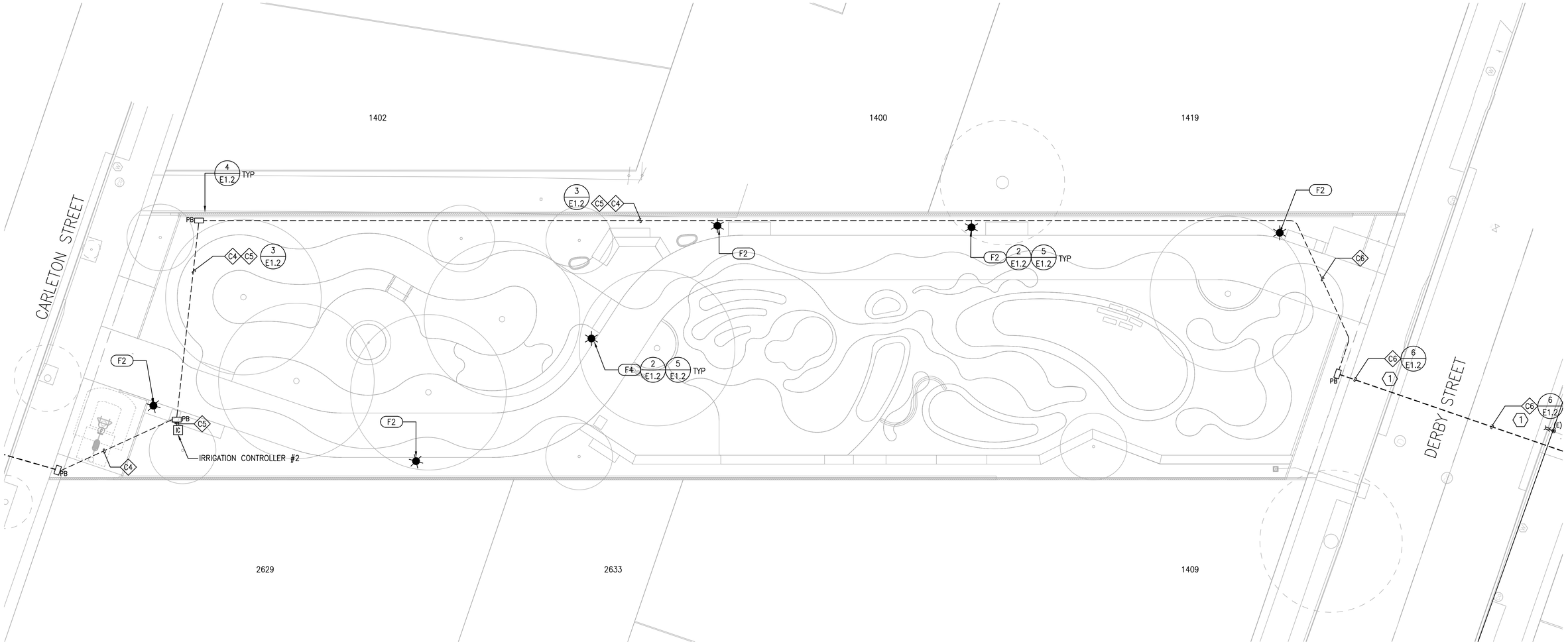
BID SET
ISSUE:
04/01/26
DATE:

ELECTRICAL PLAN
PARKER TO
CARLETON ST
BASE BID
SHEET TITLE:

E2.2
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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(1) ELECTRICAL PLAN

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0 5' 10' 20'

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TEL: (510) 845-7549

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STAMP: REGISTERED PROFESSIONAL ENGINEER — JEFFREY H. ANSLEY — Lic. No. 19459 — Exp: 06/30/2027 — ELECTRICAL — STATE OF CALIFORNIA

PROJECT: Santa Fe Right-of-Way — Berkeley, CA

PROJECT NUMBER: PRWPK2102

CLIENT: City of Berkeley — 2180 MILVIA STREET, 3RD FLOOR, BERKELEY, CA 94704

CONSULTANTS:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

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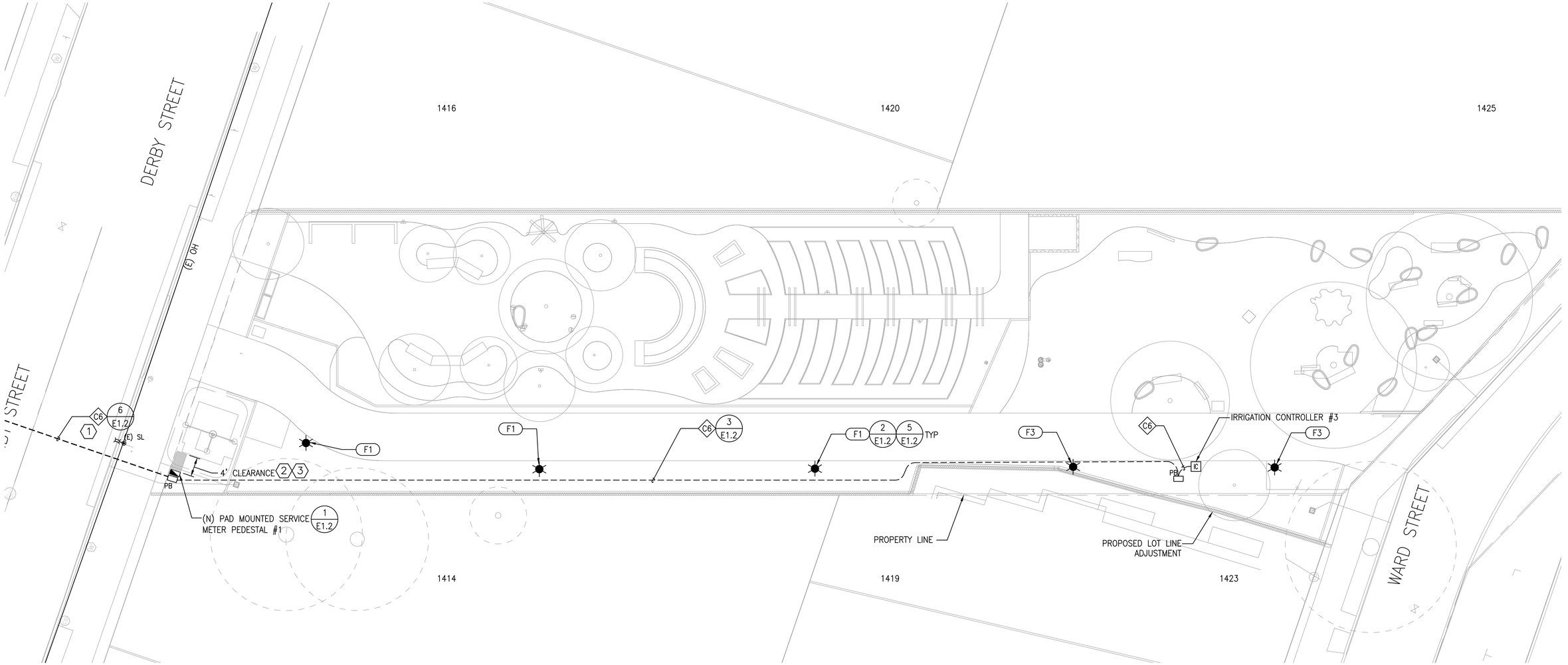
3	02/19/25	PERMIT SET
4	10/17/25	REVISED PERMIT SET
5	04/01/26	PERMIT RESUBMITTAL 2 / BID SET

ISSUE: BID SET
DATE: 04/01/26

SHEET TITLE: ELECTRICAL PLAN CARLETON TO DERBY ST BASE BID

SHEET NUMBER: E2.3

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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KEYED DESIGN NOTES:

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1 ELECTRICAL PLAN
SCALE: 1/10"=1'-0"

0 5' 10' 20'
SCALE: 1" = 10'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

PEARCE
1222 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
www.pearce-services.com

STAMP: REGISTERED PROFESSIONAL ENGINEER JEFFREY H. ANTLEY Lic. No. 19459 Exp. 06/30/2027 Electrical ONLY STATE OF CALIFORNIA

PROJECT: Santa Fe Right-of-Way
Berkeley, CA

PROJECT NUMBER: PRWPK2102

CLIENT: City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

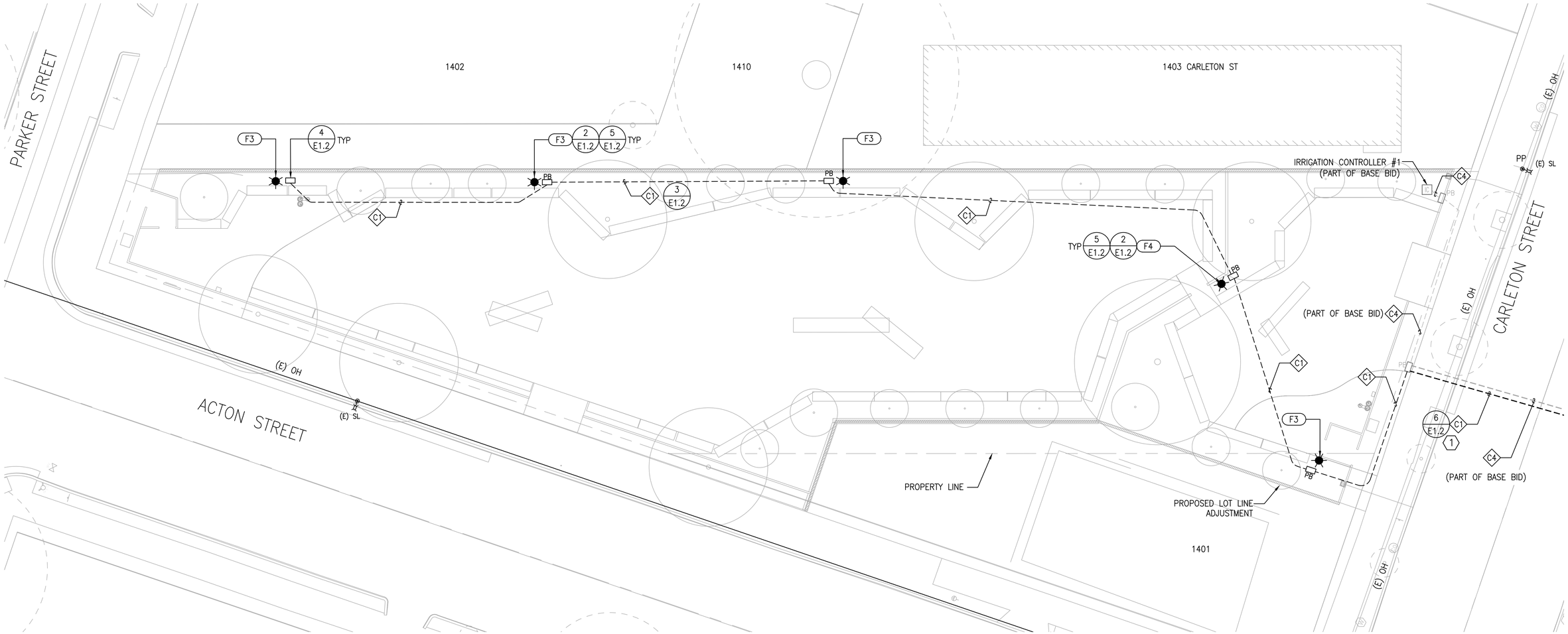
REVISION		
NUMBER	DATE	DESCRIPTION
1	01/29/25	PRICING SET
2	02/12/25	PERMIT SET DRAFT
3	02/19/25	PERMIT SET
4	10/17/25	REVISED PERMIT SET
5	04/01/26	PERMIT RESUBMITTAL 2 / BID SET

ISSUE: BID SET
DATE: 04/01/26

SHEET TITLE: ELECTRICAL PLAN
DERBY ST TO WARD ST
BASE BID

SHEET NUMBER: E2.4

PRWPK2012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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KEYED DESIGN NOTES:

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1 ELECTRICAL PLAN
SCALE: 1/10"=1'-0"

0 5' 10' 20'
SCALE: 1" = 10'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

PEARCE
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PASO ROBLES, CA 93446
www.pearce-services.com

REGISTERED PROFESSIONAL ENGINEER
JEFFREY H. ANGLEY
Lic. No. 19459
Exp: 06/30/2027
Electrical
STATE OF CALIFORNIA

STAMP:

Santa Fe Right-of-Way Berkeley, CA	PROJECT:
PRWPK2102	PROJECT NUMBER:
City of Berkeley 2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704	CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

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PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
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CONSULTANTS:

SPEC NO. 26-11757-C
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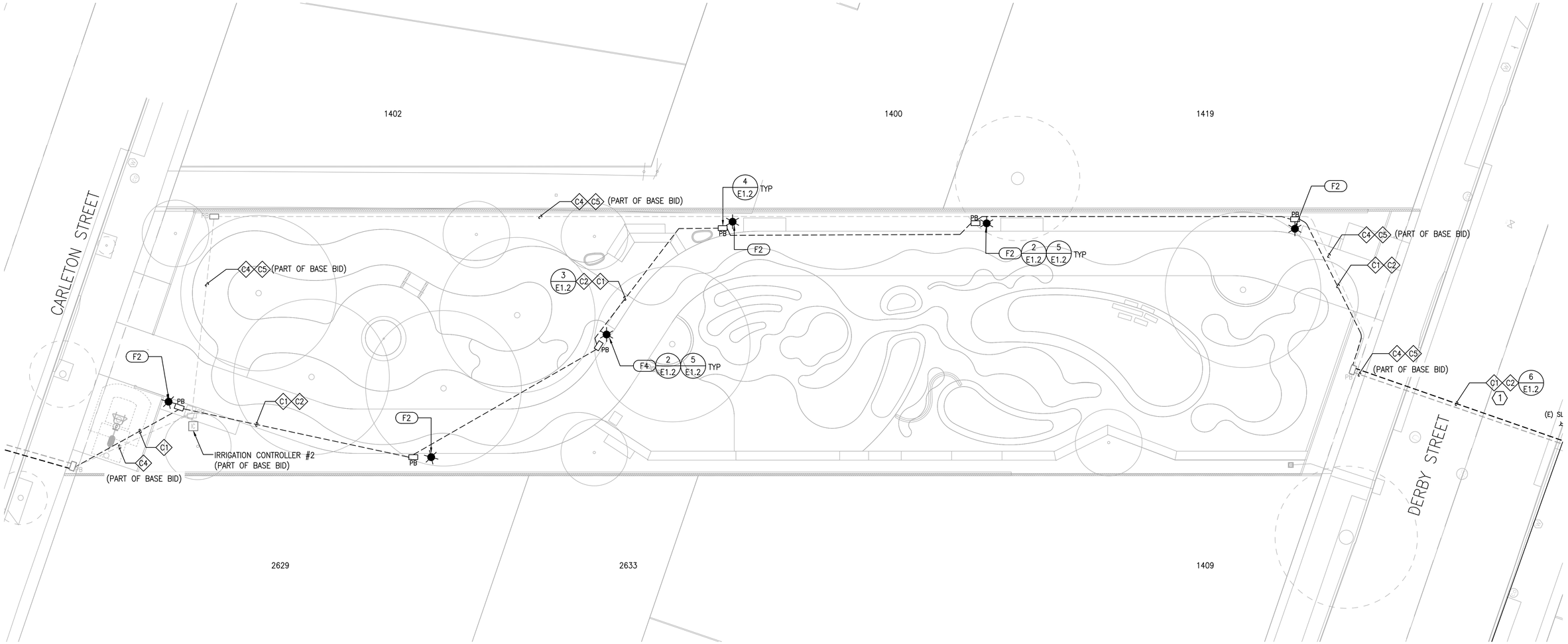
BID SET
ISSUE:
04/01/26
DATE:

ELECTRICAL PLAN
PARKER TO CARLETON ST
BID ADD ALT.
SHEET TITLE:

E2.5
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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(1) ELECTRICAL PLAN

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0 5' 10' 20'

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Berkeley, CA
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BERKELEY, CA 94704
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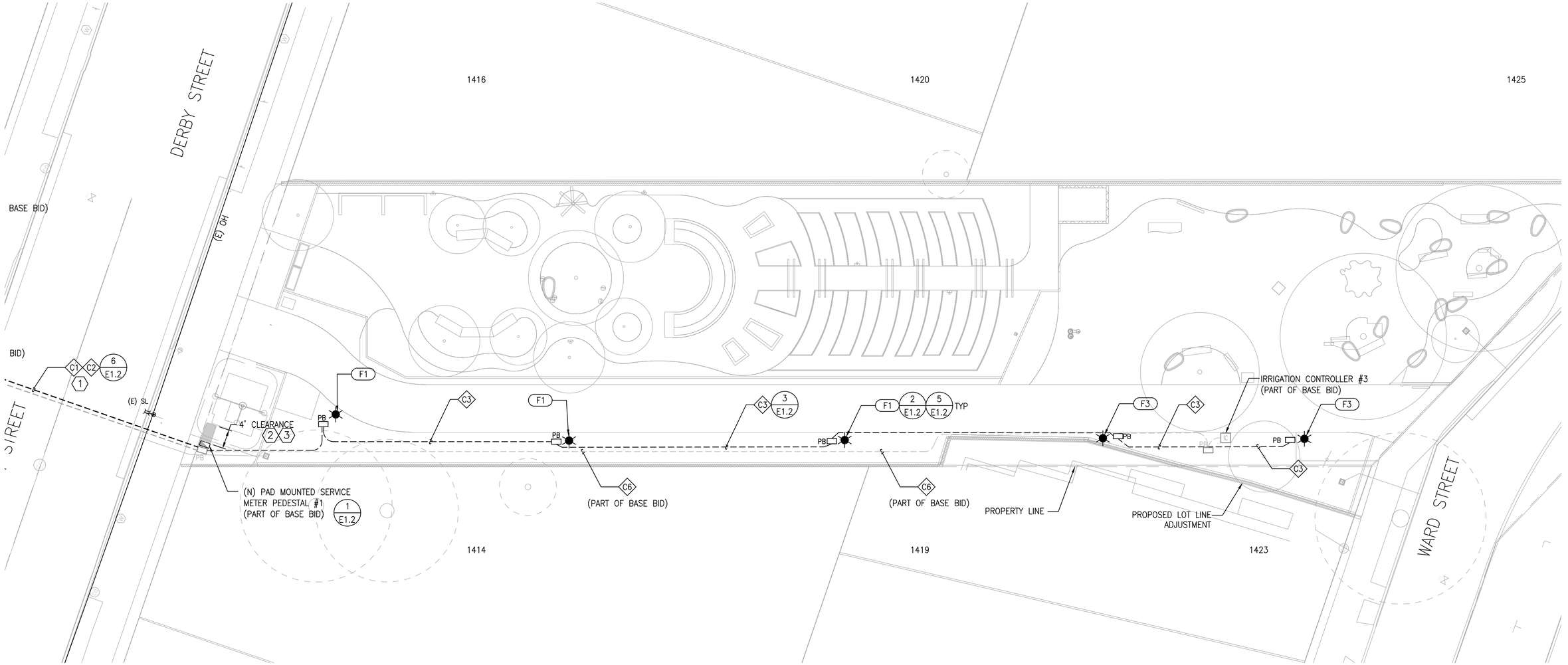
BID SET
ISSUE:
04/01/26
DATE:

ELECTRICAL PLAN
CARLETON TO
DERBY ST
BID ADD ALT.
SHEET TITLE:

E2.6
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



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1 ELECTRICAL PLAN
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0 5' 10' 20'
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Berkeley, CA
PROJECT:

PRWPK2102
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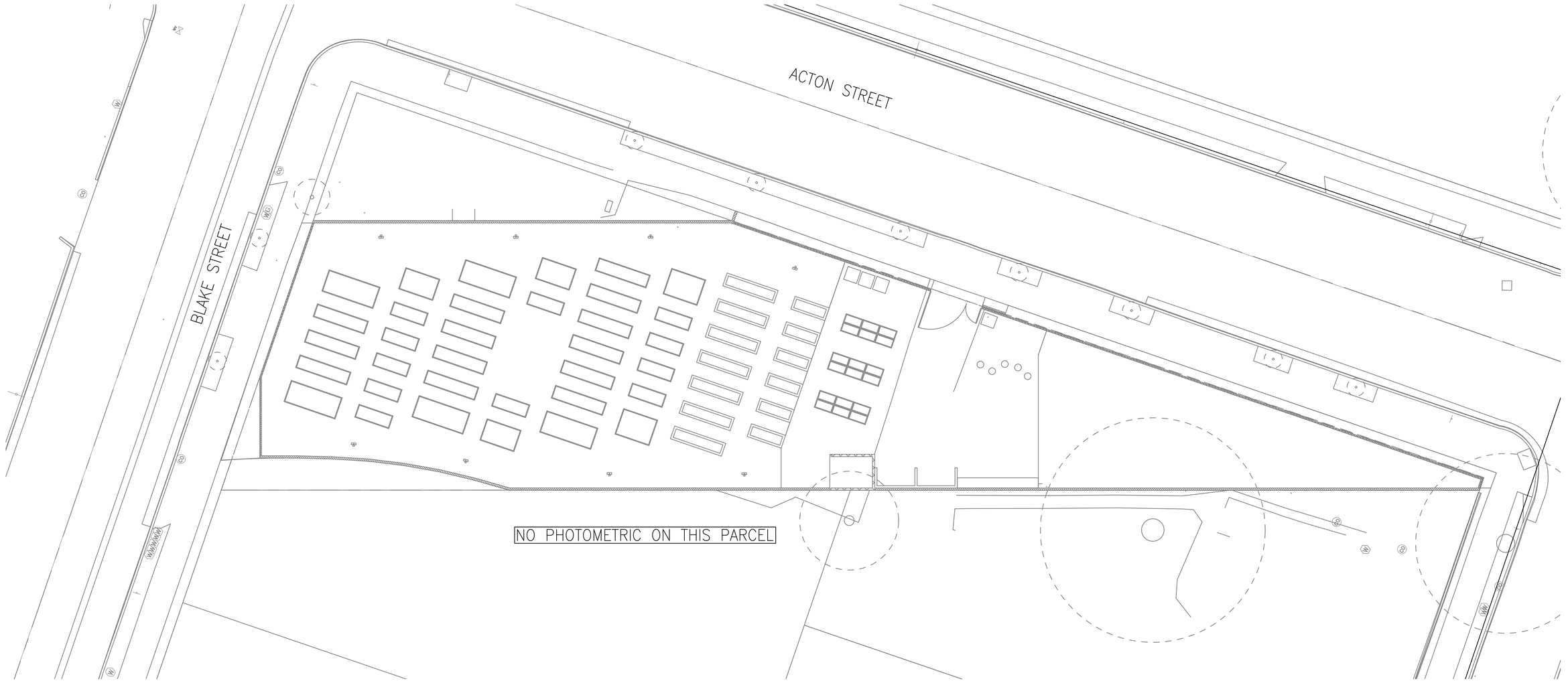
BID SET
ISSUE:
04/01/26
DATE:

ELECTRICAL PLAN
DERBY ST TO WARD ST
BID ADD ALT.
SHEET TITLE:

E2.7
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



1 ELECTRICAL PLAN
SCALE: 1/10"=1'-0"

0 5' 10' 20'
SCALE: 1" = 10'-0"

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

PEARCE
1222 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
www.pearce-services.com

REGISTERED PROFESSIONAL ENGINEER
JEFFREY H. ANSLEY
Lic. No. 19458
Exp: 06/30/2027
CIVIL
STATE OF CALIFORNIA

STAMP:

Santa Fe Right-of-Way
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO.
26-11757-C
PLAN NO.
8288
FILE NO.
406-222

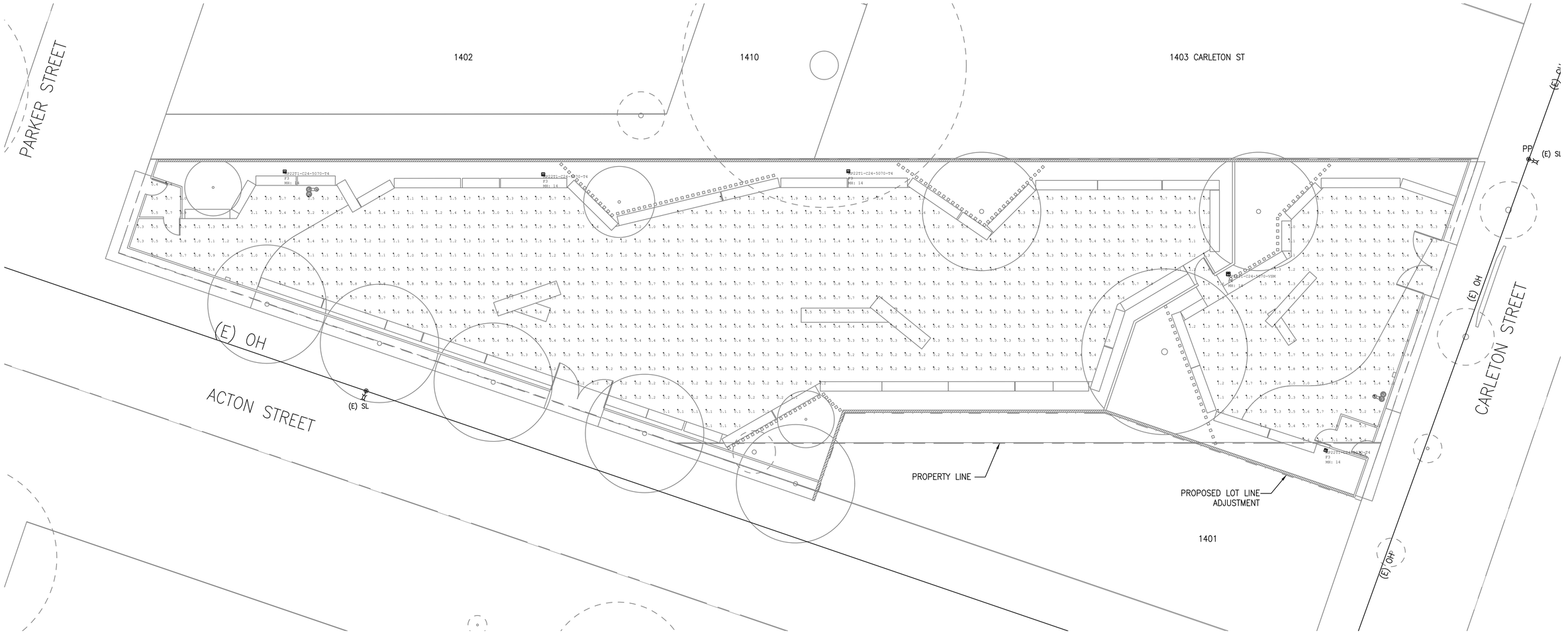
REVISION		
NUMBER	DATE	DESCRIPTION
1	01/29/25	PRICING SET
2	02/12/25	PERMIT SET DRAFT
3	02/19/25	PERMIT SET
3	10/17/25	REVISED PERMIT SET
5	04/01/26	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE:
04/01/26
DATE:

PHOTOMETRIC PLAN
BLAKE TO PARKER ST
SHEET TITLE:

E3.1
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



Luminaire Schedule										
Symbol	Qty	Label	Arrangement	Description	Tag	Total Watts	Mounting Height	Arrangement Watts	Total Lamp Lumens	IES Class
	5	MP22T1-C24-5070-SCL	Single	MP22T1-C24-5070-SCL - Type III	F2	150	14	30	N.A.	Type III
	3	MP22T1-C24-5070-T2S	Single	MP22T1-C24-5070-T2S - Type II	F1	90	14	30	N.A.	Type III
	6	MP22T1-C24-5070-T4	Single	MP22T1-C24-5070-T4 - Type IV	F3	180	14	30	N.A.	Type IV
	2	MP22T1-C24-5070-VSM	Single	MP22T1-C24-5070-VSM - Type V	F4	60	14	30	N.A.	Type VS

Calculation Summary						
Label	CalcType	Avg	Max	Min	DF %Over	DF Basis
Parcel_2	Illuminance	0.87	3.1	0.1	N.A.	N.A.
PARCEL_3	Illuminance	2.12	4.6	0.8	N.A.	N.A.
PARCEL_4	Illuminance	1.34	5.8	0.0	N.A.	N.A.

1 ELECTRICAL PLAN
SCALE: 1/10"=1'-0"

0 5' 10' 20'
SCALE: 1" = 10'-0"

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PASO ROBLES, CA 93446
www.pearce-services.com

STAMP: REGISTERED PROFESSIONAL ENGINEER JEFFREY H. ARDLEY Lic. No. 19458 Exp: 06/30/2027 ELECTRICAL STATE OF CALIFORNIA

PROJECT: Santa Fe Right-of-Way — Berkeley, CA

PROJECT NUMBER: PRWPK2102

CLIENT: City of Berkeley — 2180 MILVIA STREET, 3RD FLOOR BERKELEY, CA 94704

CONSULTANTS:
CIVIL ENGINEER: SHERWOOD DESIGN ENGINEERS, 2548 MISSION ST, SAN FRANCISCO, CA 94110, TEL: (415) 677-7300
ELECTRICAL ENGINEER: PEARCE SERVICES LLC, 122 VINE STREET, SUITE 301, PASO ROBLES, CA 93446, TEL: (805) 467-2528

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

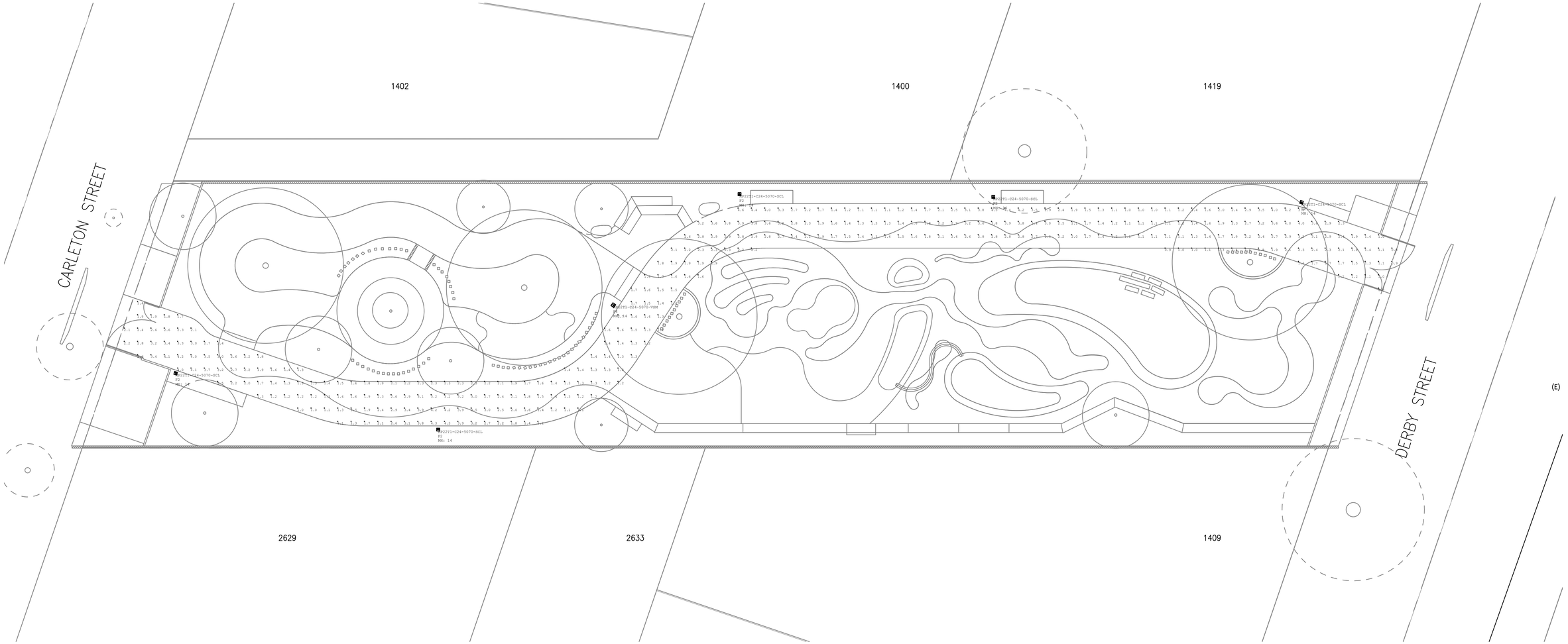
REVISION		
NUMBER	DATE	DESCRIPTION
1	01/29/25	PRICING SET
2	02/12/25	PERMIT SET DRAFT
3	02/19/25	PERMIT SET
3	10/17/25	REVISED PERMIT SET
5	04/01/26	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE: 04/01/26
DATE:

SHEET TITLE: PHOTOMETRIC PLAN PARKER TO CARLETON ST

SHEET NUMBER: E3.2

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT



1 ELECTRICAL PLAN
SCALE: 1/10"=1'-0"

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PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

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REGISTERED PROFESSIONAL ENGINEER
JEFFREY H. ANGLE
Lic. No. 18459
Exp. 06/30/2027
CIVIL
STATE OF CALIFORNIA

STAMP:

Santa Fe Right-of-Way
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
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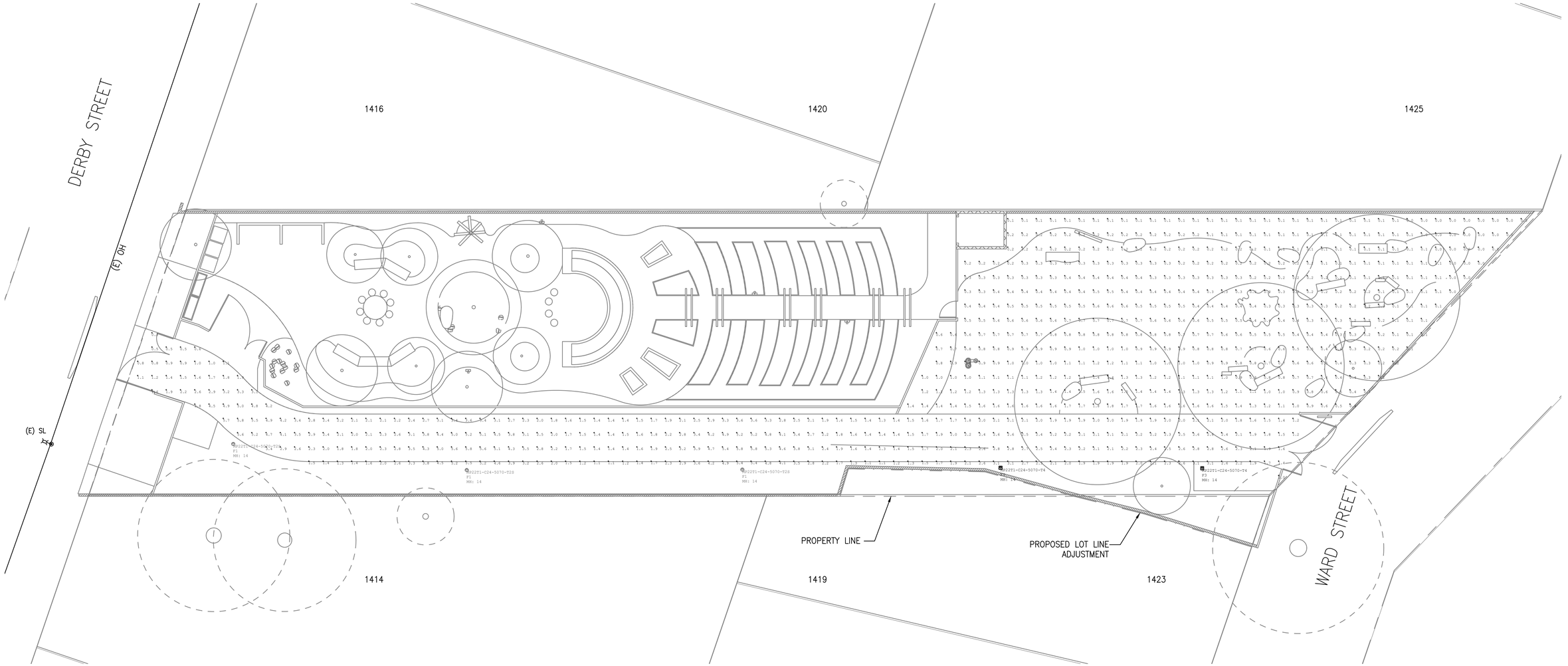
BID SET
ISSUE:
04/01/26
DATE:

PHOTOMETRIC PLAN CARLETON TO DERBY ST
SHEET TITLE:

E3.3
SHEET NUMBER:



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REGISTERED PROFESSIONAL ENGINEER
JEFFREY H. ANGLE
Lic. No. 19459
Date: 06/30/2027
ELECTRICAL
STATE OF CALIFORNIA

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Santa Fe Right-of-Way
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PRWPK2102
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City of Berkeley
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BID SET
ISSUE: 04/01/26
DATE:

PHOTOMETRIC PLAN
DERBY ST TO WARD ST
SHEET TITLE:

E3.4
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Santa Fe Right-of-Way	**Report Page:** (Page 1 of 7)
Project Address: Berkeley, CA 94702	**Date Prepared:** 2025-02-19T13:06:21-05:00

This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	Berkeley	04	Total Illuminated Hardscape Area (ft²)	19803
02	Climate Zone	3			

03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):

☐ LZ-0: Very Low - Undeveloped Parkland ☒ LZ-2: Moderate - Urban Clusters ☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval

☐ LZ-1: Low - Rural Areas ☐ LZ-3: Moderately High - Urban Areas

05 Occupancy Types within Project

● All Other Occupancies

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02		
☒ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6		
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	○ Yes	○ No
03	04	05	
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method	
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%			

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Santa Fe Right-of-Way	**Report Page:** (Page 2 of 7)
	Date Prepared: 2025-02-19T13:06:21-05:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D, Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv												Compliance Results		
01		02		03		04		05		06		07	08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	**Total Allowed** (Watts)	≥ **Total Actual** (Watts)	**07 must be >= 08**
892.01	+	---	+	---	+	---	+	---	OR	---	=	892.01	≥ 480	COMPLIES
Shielding Compliance (See Table G for Details)														N/A
Controls Compliance (See Table H for Details)														COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Santa Fe Right-of-Way	**Report Page:** (Page 3 of 7)
	Date Prepared: 2025-02-19T13:06:21-05:00

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1, 2]	How is Wattage determined	Total Number Luminaires [3]	Luminaire Status[4]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1[4]	Field Inspector	
										Pass	Fail
F1	ASTURIAS LED 30W - T2	☐ Linear	30	Mfr. Spec	3	New	☐	90	NA: < 6200 lumens	☐	☐
F2	ASTURIAS LED 30W - T3	☐ Linear	30	Mfr. Spec	5	New	☐	150	NA: < 6200 lumens	☐	☐
F3	ASTURIAS LED 30W - T4	☐ Linear	30	Mfr. Spec	6	New	☐	180	NA: < 6200 lumens	☐	☐
F4	ASTURIAS LED 30W - T5	☐ Linear	30	Mfr. Spec	2	New	☐	60	NA: < 6200 lumens	☐	☐
							Total Design Watts:	480			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)

[2] For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.

[3] Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.

[4] Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Santa Fe Right-of-Way	**Report Page:** (Page 4 of 7)
	Date Prepared: 2025-02-19T13:06:21-05:00

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
Parcel 2: "F3"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
Parcel 2: "F4"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
Parcel 3: "F2"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
Parcel 3: "F4"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
Parcel 4: "F1"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
Parcel 4: "F3"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐

[1] FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
[2] Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.
[3] Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Santa Fe Right-of-Way	**Report Page:** (Page 5 of 7)
	Date Prepared: 2025-02-19T13:06:21-05:00

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

	01			
	"Use it or lose it" Allowance (select all that apply) (select all that apply)			
☒ General Hardscape Allowance Table I (below)	☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☐ Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
Parcel 2	9712	0.019	184.53	792	0.15	118.8	303.33
Parcel 3	3206	0.019	60.91	641	0.15	96.15	157.06
Parcel 4	6885	0.019	130.82	672	0.15	100.8	231.62
					Initial Wattage Allowance for Entire Site (Watts):		200
					Instances of Initial Wattage Allowance (LZ 0 only)[1]		
					Total General Hardscape Allowance (Watts):		892.01

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Santa Fe Right-of-Way	**Report Page:** (Page 6 of 7)
	Date Prepared: 2025-02-19T13:06:21-05:00

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Parcel 2: "F3"; Parcel 2: "F4"; Parcel 3: "F2"; Parcel 3: "F4"; Parcel 4: "F1"; Parcel 4: "F3"

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Santa Fe Right-of-Way	**Report Page:** (Page 7 of 7)
Project Address: Berkeley, CA 94702	**Date Prepared:** 2025-02-19T13:06:21-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jeffrey Ansley	Documentation Author Signature: Jeffrey H. Ansley
Company: Pearce Services	Signature Date: 02/19/2025
Address: 1222 Vine Street, Suite 301	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Paso Robles, CA 93446	Phone: 510-847-9041

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Jeffrey Ansley	Responsible Designer Signature: Jeffrey H. Ansley
Company: Pearce Services	Date Signed: 02/19/2025
Address: 1222 Vine Street, Suite 301	License: 19459
City/State/Zip: Paso Robles, CA 93446	Phone: 510-847-9041

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BUILDING COMPLIANCE FORMS
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BC1
SHEET NUMBER:

PRWPK21012 - SANTA FE RIGHT OF WAY NEW PARK DEVELOPMENT

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
This document is used to demonstrate compliance with mandatory requirements in §130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and §160.6 and §160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per §180.1(a) or §180.2 (b)4Bvii	
Project Name: SANTA FE RIGHT-OF-WAY	**Report Page:** (Page 1 of 5)
Project Address: Berkeley, CA 94702	**Date Prepared:** 2026-04-01T02:59:35-04:00

A. GENERAL INFORMATION

01	Project Location (city)	BERKELEY	02	Climate Zone	3
			03	Occupancy Types Within Project:	

● All Other Occupancies

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Scope of Work [1]	Rating[2] (kVA)	Utility Provided Metering System Exception to §130.5(a)/§160.6(a)[3]	System subject to CA Elec Code Article 517 Exception to §130.5(a)and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
SEE SHEET E2.4	New electrical service equipment and meter	6.1	☒	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2/§160.3, §130.1/§160.5, and §130.3/§160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

[1]FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.
[2] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.
[3] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

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C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01		02		03		04	05	06
Service Electrical Metering §130.5(a)/ §160.6(a) (See Table F)	AND	Separation for Monitoring §130.5(b)/ §160.6(b) (See Table G)	AND	Voltage Drop §130.5(c)/ §160.6(c) (See Table H)	AND	Controlled Receptacles §130.5(d)/ §160.6(d) (See Table I)	Electric Ready §160.9 (See Table J)	**Compliance Results**
	AND	Yes	AND	Yes	AND	Yes		COMPLIES with Exceptional Conditions

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Table B indicates the project is exempt from §130.5(a) Service Electrical Metering requirements because the utility company has provided the project a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING

This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(b)/§160.6(b). Any load types that are not included in the service do not need to be shown. For multifamily occupancies, submetered systems that provide power to dwelling units do not need to meet these separation requirements and therefore load types on those submetered systems also do not need to be shown.

01	02	03	04	05	
Load Type per Table 130.5-B [1]	Minimum Required Separation of Load per Table 130.5-B	Compliance Method[2]	Location of Requirements in Construction Documents	Field Inspector	
				Pass	Fail
SEE SHEET E2.4					
Lighting including exit, egress and exterior	not required			☐	☐

** NOTES: If "Other*" is selected under Compliance Method above, please indicate how compliance has been achieved in the space provided below.*

[1] FOOTNOTES: For each separate load type, up to 10% of the connected load may be of any type.
[2] Method 1: Switchboards/ motor control centers/ panelboard loads disaggregated for each load type.
Method 2: Switchboards/ motor control centers/ panelboard supply other distribution equipment with loads disaggregated for each load type.
Method 3: Branch circuits serve load types individually and provisions for adding future branch circuit monitoring.
Method 4: Complete metering system measures and reports loads by type.
See Chapter 8 of the Nonresidential Compliance Manual for more detail on Compliance Methods.

H. VOLTAGE DROP

This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c)/ §160.6(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Piii/ §180.2(b)4Bviic.

01	02				03	04	05	
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method				Location of Voltage Drop Calculations[1]	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
							Pass	Fail
SEE SHEET E2.4	☒	Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	SEE DETAIL 4 ON SHEET E1.1	☐	☐

** NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*

[1] FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

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I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES

This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(d)/ §160.6(d).. Both controlled and uncontrolled receptacles must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.

01	02	03	04	05	06	07	
Room name or Description	Location/ Type of Controlled Receptacles[1,2]	Shut-Off Controls	Demand Responsive Controls	Permanent Marking Will be Used	Location of Requirements in Construction Documents	Field Inspector	
						Pass	Fail
N/A	---	---		☐		☐	☐

** NOTES: If "Other*" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below.*

[1] FOOTNOTES: Receptacles dedicated to refrigerators and water dispensers in kitchens, located a minimum of 6ft above the floor specifically for clocks, network copiers, fax machines, A/V and data equipment other than personal computers in copy rooms, circuits rated more than 20 Amps, or connected to a UPS that are intended to be in continuous use and are marked to differentiate them from other receptacles or circuits are excepted from the requirements. .
[2] Plug-in strips and other plug-in devices shall not be used to comply with the requirements of section §130.5(d)

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no NRCA forms required for this project.

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jeffrey Ansley	Documentation Author Signature: Jeffrey H. Ansley
Company: Pearce Services	Signature Date: 04/01/2026
Address: 1222 Vine Street, Suite 301	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Paso Robles, CA 93446	Phone: 510-847-9041

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name: Jeffrey Ansley	Responsible Person Signature: Jeffrey H. Ansley
Responsible Person Scope:	
Company: Pearce Services	Date Signed: 04/01/2026
Address: 1222 Vine Street, Suite 301	License: 19459
City/State/Zip: Paso Robles, CA 93446	Phone: 510-847-9041

MIG PGA
800 HEARST AVENUE
BERKELEY, CA 94710
TEL: (510) 845-7549

PEARCE
1222 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
www.pearce-services.com

REGISTERED PROFESSIONAL ENGINEER JEFFREY H. ANSLEY Lic. No. 19459 Exp 08/30/2027 CIVIL ELECTRICAL STATE OF CALIFORNIA

STAMP:

Santa Fe Right-of-Way
Berkeley, CA
PROJECT:

PRWPK2102
PROJECT NUMBER:

City of Berkeley
2180 MILVIA STREET, 3RD FLOOR
BERKELEY, CA 94704
CLIENT:

CIVIL ENGINEER:
SHERWOOD DESIGN ENGINEERS
2548 MISSION ST
SAN FRANCISCO, CA 94110
TEL: (415) 677-7300

ELECTRICAL ENGINEER:
PEARCE SERVICES LLC
122 VINE STREET, SUITE 301
PASO ROBLES, CA 93446
TEL: (805) 467-2528
CONSULTANTS:

SPEC NO. 26-11757-C
PLAN NO. 8288
FILE NO. 406-222

REVISION

NUMBER	DATE	DESCRIPTION
1	01/29/25	PRICING SET
2	02/12/25	PERMIT SET DRAFT
3	02/19/25	PERMIT SET
4	10/17/25	REVISED PERMIT SET
5	04/01/26	PERMIT RESUBMITTAL 2 / BID SET

BID SET
ISSUE:
04/01/26
DATE:

BUILDING COMPLIANCE FORMS (ELECTRICAL POWER DISTRIBUTION)
SHEET TITLE:

BC2
SHEET NUMBER:

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