

CITY OF BERKELEY

ALAMEDA COUNTY, CALIFORNIA

SPECIFICATION NO. 24-11658-C

MARTIN LUTHER KING JR. CIVIC CENTER PARK - UPPER PLAZA IMPROVEMENTS



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements

Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704

City of Berkeley

DRAWING STATUS	
Date	Description
2/15/23	Structural Alterations
7/7/23	Permit Application Set
7/7/23	90% CD Permit Set
7/18/24	CD Permit Resubmittal

REVISION SCHEDULE		
No.	Date	Description
1	7.18.24	CD Permit Resubmittal

CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

COVER SHEET

DATE: 7/18/2024
SCALE:
DRAWN BY: Author
CHECKED BY: Checker

GO.00

DRAWING INDEX

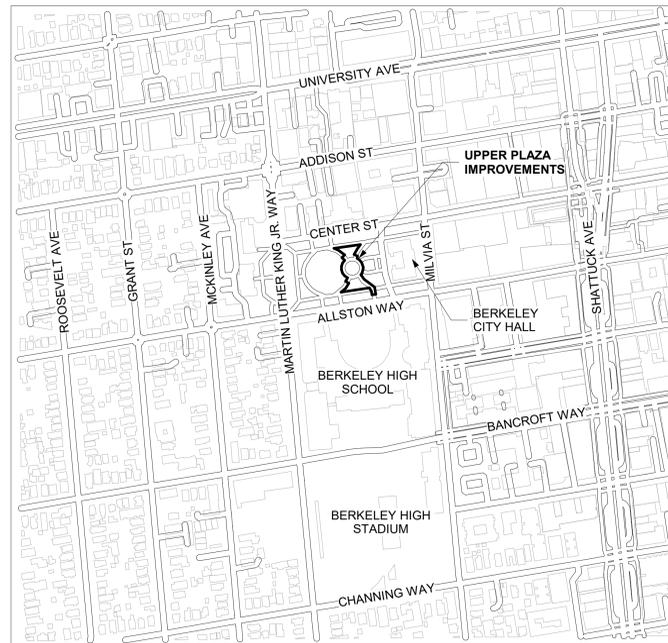
NO.	SHEET
G0.00	COVER SHEET
G1.00	STRUCTURAL ALTERATION PERMIT CONDITIONS
G1.01	CITY OF BERKELEY POLLUTION PREVENTION PLAN
G2.00	GENERAL NOTES, ABBREVIATIONS, PATH OF TRAVEL
G3.00	SURVEY
L1.00	PRESERVATION & DEMOLITION PLAN
L1.01	TREE PROTECTION GUIDELINES
L2.00	MATERIALS PLAN
L3.00	LAYOUT PLAN
L4.00	GRADING PLAN
L5.00	IRRIGATION PLAN
L5.01	IRRIGATION DETAILS
L6.00	PLANTING PLAN
L7.01	DETAILS
L7.02	DETAILS
L8.01	ELEVATIONS

PROJECT INFORMATION

- THE CITY OF BERKELEY RECOGNIZES THAT THE COMMUNITY WE LIVE IN WAS BUILT ON THE TERRITORY OF XUČYUN (HUCHIUN (HOOCH-YOON)), THE ANCESTRAL AND UNCEDED LAND OF THE CHOCHENYO (CHO-CHEN-YO)-SPEAKING OHLONE (OH-LOW-NEE) PEOPLE, THE ANCESTORS AND DESCENDANTS OF THE SOVEREIGN VERONA BAND OF ALAMEDA COUNTY. THIS LAND WAS AND CONTINUES TO BE OF GREAT IMPORTANCE TO ALL OF THE OHLONE TRIBES AND DESCENDANTS OF THE VERONA BAND. THIS PROJECT ACKNOWLEDGES AND HONORS THE ORIGINAL INHABITANTS OF BERKELEY, THE DOCUMENTED 5,000-YEAR HISTORY OF A VIBRANT COMMUNITY AT THE WEST BERKELEY SHELLMOUND, AND THE OHLONE PEOPLE WHO CONTINUE TO RESIDE IN THE EAST BAY. WE RECOGNIZE THAT BERKELEY'S RESIDENTS HAVE AND CONTINUE TO BENEFIT FROM THE USE AND OCCUPATION OF THIS UNCEDED STOLEN LAND SINCE THE CITY OF BERKELEY'S INCORPORATION IN 1878. AS STEWARDS OF THE LAWS REGULATING THE CITY OF BERKELEY, IT IS NOT ONLY VITAL THAT WE RECOGNIZE THE HISTORY OF THIS LAND, BUT ALSO RECOGNIZE THAT THE OHLONE PEOPLE ARE PRESENT MEMBERS OF BERKELEY AND OTHER EAST BAY COMMUNITIES TODAY. THE CITY OF BERKELEY WILL CONTINUE TO BUILD RELATIONSHIPS WITH THE LISJAN TRIBE AND TO CREATE MEANINGFUL ACTIONS THAT UPHOLD THE INTENTION OF THIS LAND ACKNOWLEDGEMENT.
- THIS UPPER PLAZA IMPROVEMENTS PROJECT IS IN PREPARATION FOR THE INSTALLATION OF TURTLE ISLAND MONUMENT, WHICH IS ENVISIONED TO BE A DEPICTION OF AN INDIGENOUS STORY OF CREATION. THE STORY PROVIDED IN 1992 BY LEE SPRGUE:
IN MY PEOPLE'S CREATION STORIES THE WORLD WAS COVERED WITH WATER AND ALL THE ANIMALS WERE SWIMMING. THEY WERE GETTING TIRED, SO THEY RESPECTFULLY ASKED THE MUSKRAT TO GO UNDER THE WATER TO SEE IF THERE WAS ANY EARTH. SO THE MUSKRAT WENT DOWN TO FIND THE EARTH. ALL OF THE ANIMALS WERE WAITING FOR THE MUSKRAT TO REAPPEAR. THEY WERE WORRIED FOR THE MUSKRAT. FINALLY HIS BODY FLOATED TO THE SURFACE. THE ANIMALS LOOKED IN HIS PAW AND THEY FOUND SOME EARTH. THEY PUT THE EARTH ON THE TURTLE'S BACK. THE REST OF THE ANIMALS NOW KNEW THAT THERE WAS EARTH UNDER THE WATER SO THEY EACH WENT DOWN TO GET SOME EARTH, FIRST THE LOON THEN THE DUCK AND ALL OF THE REST OF THE ANIMALS. THEY ALL PUT THE EARTH ON THE TURTLE'S BACK. THIS IS HOW TURTLE ISLAND WAS CREATED.
- THIS WORK HONORS THE HISTORY, CREATION, AND CELEBRATION OF INDIGENOUS PEOPLES DAY WITHIN THE CITY OF BERKELEY LANDMARK #201, THE MARTIN LUTHER KING, JR. CIVIC CENTER PARK.

PROJECT LOCATION

PROJECT ADDRESS: 2151 MARTIN LUTHER KING JR. WAY, BERKELEY, CA 94704
ASSESSOR'S PARCEL NUMBER: #57-2021-2



PROJECT SCOPE

THIS PROJECT CONSISTS OF REPLACING THE UNEVEN EXISTING FLAGSTONE PAVING WITHIN THE PLAZA OF THE PARK TO IMPROVE ADA ACCESS AND CODE STANDARDS. THE PROJECT WILL REPLACE EXISTING FLAGSTONE PLAZA PAVING AND PARTS OF THE CONNECTING CONCRETE PATHS COMPLYING TO THE MAXIMUM EXTENT FEASIBLE WITH THE STANDARD OF ADA PATHS OF TRAVEL. THE PROJECT WILL ALSO PROTECT AND REINSTALL EXISTING BENCHES AND WASTE RECEPTACLES, PROVIDE SLEEVES FOR FUTURE IRRIGATION AND UTILITY CONNECTIONS AT THE CENTER OF THE PLAZA, AND PROVIDE PLANTING AND IRRIGATION IN THE IMMEDIATE VICINITY OUTSIDE OF THE PLAZA AREA.

PRIME CONSULTANT

PGAdesign
LANDSCAPE ARCHITECTS
PGADESIGN LANDSCAPE ARCHITECTS
444 17TH ST
OAKLAND, CA 94612
TEL: (510) 465-1284
CATHY GARRETT, LANDSCAPE ARCHITECT
EMAIL: GARRETT@PGADESIGN.COM

PROJECT TEAM

COST ESTIMATOR
MARCENE TAYLOR INC.
12453 WEST BRIARWOOD DRIVE
BOISE, IDAHO 83713
MARCENE TAYLOR
TEL: (510) 735-6768
EMAIL: MTAYLOR@MTICOST.COM

PROJECT CONTACT AND CITY REPRESENTATIVE

EVELYN CHAN
CITY OF BERKELEY
DEPARTMENT OF PARKS, RECREATION, AND WATERFRONT
1947 CENTER ST, 5TH FLOOR
BERKELEY, CA 94704
TEL: (510) 981-6430
EMAIL: ECHAN@BERKELEYCA.GOV

STANDARD CONDITIONS

The following conditions, as well as all other applicable provisions of the Landmarks Preservation Ordinance, apply to this Permit:

1. Conditions Shall be Printed on Plans

The conditions of this Permit shall be printed on the second sheet of each plan set submitted for a building permit pursuant to this Permit, under the title 'Structural Alteration Permit Conditions'. Additional sheets may also be used if the second sheet is not of sufficient size to list all of the conditions. The sheet(s) containing the conditions shall be of the same size as those sheets containing the construction drawings; 8-1/2" by 11" sheets are not acceptable.

2. Plans and Representations Become Conditions

Except as specified herein, the site plan, floor plans, building elevations and/or any additional information or representations, whether oral or written, indicating the proposed structure or manner of operation submitted with an application or during the approval process are deemed conditions of approval.

3. Subject to All Applicable Laws and Regulations

The approved use and/or construction is subject to, and shall comply with, all applicable City Ordinances and laws and regulations of other governmental agencies. Prior to construction, the applicant shall identify and secure all applicable permits from the Zoning Adjustments Board or Zoning Officer, Building and Safety Division, Public Works Department and other affected City divisions and departments.

4. Exercise and Lapse of Permits

- A. A permit for the construction of a building or structure is deemed exercised when a valid City building permit, if required, is issued, and construction has lawfully commenced.
B. A permit may be declared lapsed and of no further force and effect if it is not exercised within one year of its issuance, except that permits for construction or alteration of structures or buildings may not be declared lapsed if the permittee has: (1) applied for a building permit; or, (2) made substantial good faith efforts to obtain a building permit and begin construction, even if a building permit has not been issued and/or construction has not begun.

5. Indemnification Agreement

The applicant shall hold harmless, defend, and indemnify the City of Berkeley and its officers, agents, and employees against any and all liability, damages, claims, demands, judgments or other losses (including without limitation: attorney's fees, expert witness and consultant fees and other litigation expenses), referendum or initiative relating to, resulting from or caused by, or alleged to have resulted from, or caused by, any action or approval associated with the project. The indemnity includes without limitation, any

- 13. Prior to issuance of any building for demolition or any demolition activities that are not subject to building permit, the applicant shall obtain photographic documentation of the Civic Center Park Fountain in a manner similar to Historic American Landscape Survey guidelines. The resulting photographic documentation shall be offered to Berkeley Historical Society and the Berkeley Architectural Heritage Association.
14. Prior to demolition and/or removal, the Fountain pumps shall be offered to the Treasure Island Museum.
15. The project shall include installation of re-circulating pumps.
16. REPAIR AND REPLACEMENT OF CHARACTER-DEFINING FEATURES. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old or historic feature in design, color, texture, and, where possible, materials. Replacement of missing features shall be substantiated by documentary and physical evidence.
17. Chemical or physical treatments, if appropriate, shall be undertaken using the gentlest means possible. Treatments that cause damage to historic materials shall not be used.
18. COLORS. Prior to project implementation and/or Landmarks plan checker sign-off of the Building Permit set of drawings, the applicant shall submit color and materials information for review and approval by Landmarks staff, in coordination with the LPC Chair as needed.
19. DETAILS. Prior to project implementation and/or Landmarks plan checker sign-off of the Building Permit set of drawings, the applicant shall submit window, door, base, and trim details for review and approval by the Landmarks plan checker.
20. LIGHTING (if applicable). Prior to project implementation and/or Landmarks plan checker sign-off of the building permit set of drawings, the applicant shall submit lighting details showing all existing and proposed site and building lighting. Exterior lighting, including for signage, shall be downcast and not cause glare on the public right-of-way and adjacent parcels.
21. LANDSCAPE PLANS (if applicable). Prior to project implementation and/or Landmarks plan checker sign-off of the Building Permit set of drawings, the applicant shall submit a Landscape plan including the number, location, and species of all proposed plantings, and which existing plantings shall be removed. The applicant shall provide irrigation for all landscaped areas or provide drought tolerant plant palette. This shall be called out on Landscape building permit drawings.
22. LANDSCAPE IRRIGATION (if applicable). Prior to project implementation and/or Landmarks plan checker sign-off of the Building Permit set of drawings, the applicant shall provide irrigation for all landscaped areas. This shall be called out on Landscape building permit drawings.

legal or administrative challenge, referendum or initiative filed or prosecuted to overturn, set aside, stay or otherwise rescind any or all approvals granted in connection with the Project, any environmental determination made for the project and granting any permit issued in accordance with the project. This indemnity includes, without limitation, payment of all direct and indirect costs associated with any action specified herein. Direct and indirect costs shall include, without limitation, any attorney's fees, expert witness and consultant fees, court costs, and other litigation fees. City shall have the right to select counsel to represent the City at Applicant's expense in the defense of any action specified in this condition of approval. City shall take reasonable steps to promptly notify the Applicant of any claim, demand, or legal actions that may create a claim for indemnification under these conditions of approval.

6. Halt Work/Unanticipated Discovery of Tribal Cultural Resources

In the event that cultural resources of Native American origin are identified during construction, all work within 50 feet of the discovery shall be redirected. The project applicant and project construction contractor shall notify the City Planning Department within 24 hours. The City will again contact any tribes who have requested consultation under AB 52, as well as contact a qualified archaeologist, to evaluate the resources and situation and provide recommendations. If it is determined that the resource is a tribal cultural resource and thus significant under CEQA, a mitigation plan shall be prepared and implemented in accordance with State guidelines and in consultation with Native American groups. If the resource cannot be avoided, additional measures to avoid or reduce impacts to the resource and to address tribal concerns may be required.

7. Archaeological Resources (Ongoing throughout demolition, grading, and/or construction)

Pursuant to CEQA Guidelines Section 15064.5(f), "provisions for historical or unique archaeological resources accidentally discovered during construction" should be instituted. Therefore:
A. In the event that any prehistoric or historic subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources shall be halted and the project applicant and/or lead agency shall consult with a qualified archaeologist, historian or paleontologist to assess the significance of the find.
B. If any find is determined to be significant, representatives of the project proponent and/or lead agency and the qualified professional would meet to determine the appropriate avoidance measures or other appropriate measure, with the ultimate determination to be made by the City of Berkeley. All significant cultural materials recovered shall be subject to scientific analysis, professional museum curation, and/or a report prepared by the qualified professional according to current professional standards.
C. In considering any suggested measure proposed by the qualified professional, the project applicant shall determine whether avoidance is necessary or feasible in light of factors such as the uniqueness of the find, project design, costs, and other considerations.

- 23. The applicant shall be responsible for identifying and securing all applicable permits from the Building and Safety Division and all other affected City divisions/departments prior to the start of work.
24. The applicant is responsible for complying with all the above conditions. Failure to comply with any condition could result in construction work being stopped, issuance of citations, as well as further review by the Landmarks staff, which may modify or impose additional conditions, or revoke approval.
25. All building permit drawings and subsequent construction shall substantially conform to the approved plans as outlined in Condition #1. Any modifications must be reviewed by the Landmarks plan checker to determine whether the modification requires approval.
26. The applicant shall hold harmless, defend, and indemnify the City of Berkeley and its officers, agents, and employees against any and all liability, damages, claims, demands, judgments or other losses (including without limitation, attorney's fees, expert witness and consultant fees and other litigation expenses), referendum or initiative relating to, resulting from or caused by, or alleged to have resulted from, or caused by, any action or approval associated with the project. The indemnity includes without limitation, any legal or administrative challenge, referendum or initiative filed or prosecuted to overturn, set aside, stay or otherwise rescind any or all approvals granted in connection with the Project, any environmental determination made for the project and granting any permit issued in accordance with the project. This indemnity includes, without limitation, payment of all direct and indirect costs associated with any action specified herein. Direct and indirect costs shall include, without limitation, any attorney's fees, expert witness and consultant fees, court costs, and other litigation fees. City shall have the right to select counsel to represent the City at Applicant's expense in the defense of any action specified in this condition of approval. City shall take reasonable steps to promptly notify the Applicant of any claim, demand, or legal actions that may create a claim for indemnification under these conditions of approval.

- D. If avoidance is unnecessary or infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed on other parts of the project site while mitigation measures for cultural resources is carried out.
E. If significant materials are recovered, the qualified professional shall prepare a report on the findings for submittal to the Northwest Information Center.

8. Human Remains (Ongoing throughout demolition, grading, and/or construction)

In the event that human skeletal remains are uncovered at the project site during ground-disturbing activities, all work shall immediately halt and the Alameda County Coroner shall be contacted to evaluate the remains, and following the procedures and protocols pursuant to CEQA Guidelines Section 15064.5 (e)(1) . If the County Coroner determines that the remains are Native American, the City shall contact the California Native American Heritage Commission (NAHC), pursuant to Health and Safety Code Section 7050.5(c), and all excavation and site preparation activities shall cease within a 50-foot radius of the find until appropriate arrangements are made. If the agencies determine that avoidance is not feasible, then an alternative plan shall be prepared with specific steps and timeframe required to resume construction activities. Monitoring, data recovery, determination of significance and avoidance measures (if applicable) shall be completed expeditiously.

9. Paleontological Resources (Ongoing throughout demolition, grading, and/or construction)

In the event of an unanticipated discovery of a paleontological resource during construction, excavations within 50 feet of the find shall be temporarily halted or diverted until the discovery is examined by a qualified paleontologist (per Society of Vertebrate Paleontology standards [SVP 1995, 1996]). The qualified paleontologist shall document the discovery as needed, evaluate the potential resource, and assess the significance of the find. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction is allowed to resume at the location of the find. If the City determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of the project on the qualities that make the resource important, and such plan shall be implemented. The plan shall be submitted to the City for review and approval.

ADDITIONAL CONDITIONS

The following additional conditions are attached to this Permit:

- 10. No changes can be made to the approved plans without prior approval.
11. CITY PERMITS. This Structural Alteration Permit (SAP) approval is contingent upon approval of the requisite City Permits for the project scope.
12. PLANS COMPLIANCE. Construction and building permit plans shall substantially conform to the Structural Alteration Permit (SAP) project plans.

UPPER PLAZA IMPROVEMENTS NOTES

1. SOME OF THESE ITEMS ARE NO LONGER RELEVANT TO THE PHASE OF THIS PROJECT: 14, 15, 19, 20.



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements

Martin Luther King Jr. Civic Center Park 2151 Martin Luther King Jr. Way, Berkeley, CA 94704

City of Berkeley

Table with 2 columns: Date, Description. Rows include 2/15/23 Structural Alterations Permit Application Set, 7/7/23 90% CD Permit Set, 7/18/24 CD Permit Resubmittal.

Table with 3 columns: No., Date, Description. Header for REVISION SCHEDULE.

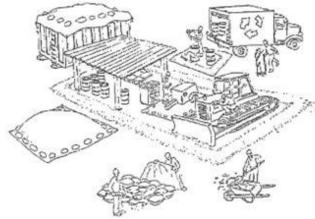
CITY PLAN NUMBER: 8277 CITY FILE NUMBER: 406-220

STRUCTURAL ALTERATION PERMIT CONDITIONS

DATE: 7/18/2024 SCALE: 1" = 10'-0" DRAWN BY: PM CHECKED BY: CG

G1.00

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, gypsum 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 contaminated 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

NO.	DESCRIPTION	BY	DATE	APPV/D

APPROVED

CITY OF BERKELEY

STAR PUBLIC WORKS AGENCY

POLLUTION PREVENTION

WORK ORDER NO.
SPECIFICATION NO.
SHEET NO. 2 OF
FILE NO.



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements

Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704

City of Berkeley

DRAWING STATUS	
Date	Description
2/15/23	Structural Alterations
7/7/23	Permit Application Set
7/18/24	90% CD Permit Set
	CD Permit Resubmittal

REVISION SCHEDULE		
No.	Date	Description

CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

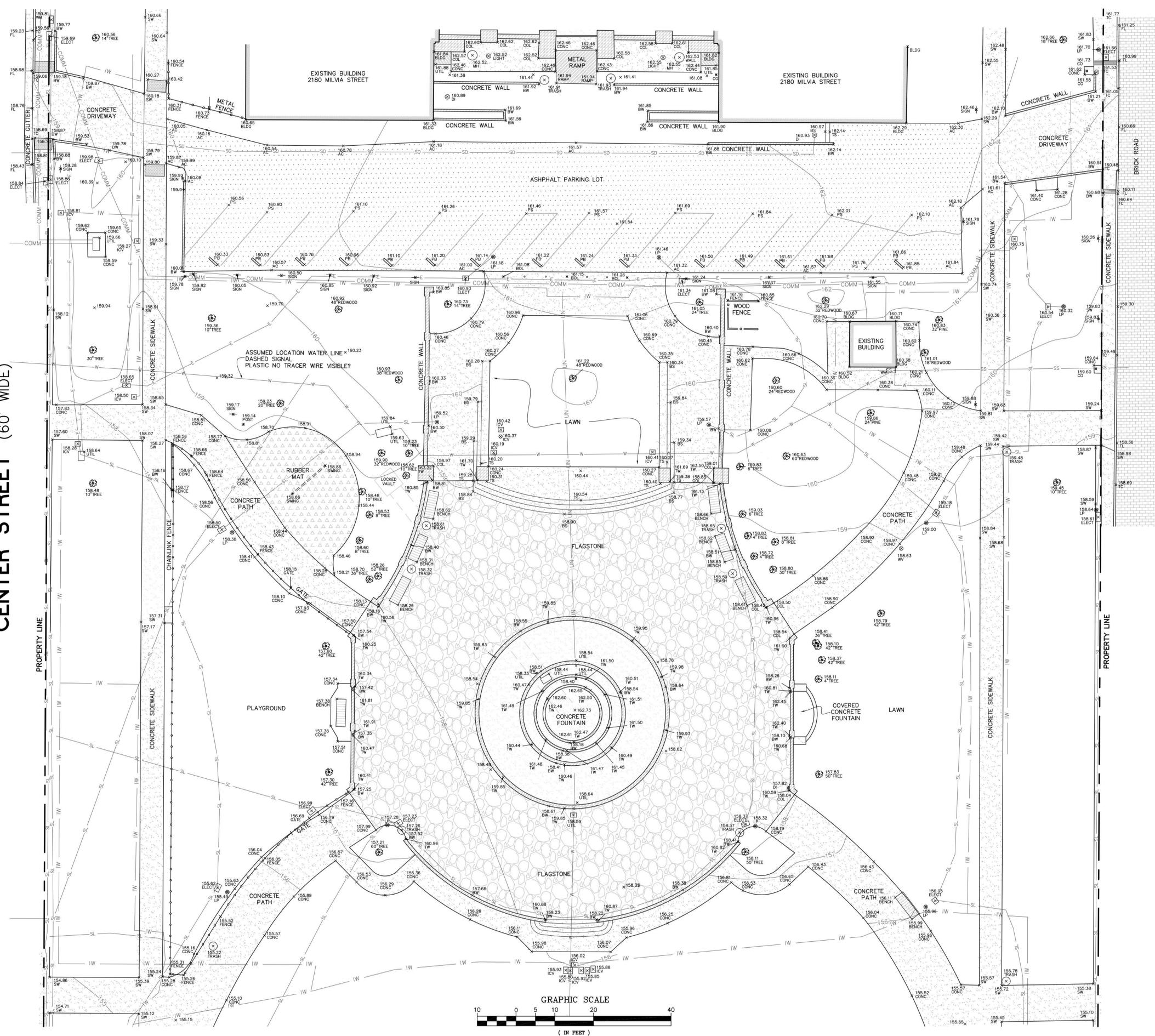
CITY OF BERKELEY
POLLUTION
PREVENTION
PLAN
DATE: 7/18/2024
SCALE:
DRAWN BY: PM
CHECKED BY: CG

G1.01

Approved: Date: 7/18/2024, User: PM, Title: City Engineer, Project: Pollution Prevention, Drawing: G1.01

CENTER STREET (60' WIDE)

ALLSTON WAY (60' WIDE)



LEGEND

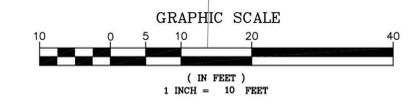
AC	ASPHALT/CONCRETE
BLDG	BUILDING
BOL	BOLLARD
BS	BASE OF STEPS
BW	BASE OF WALL
CO	CLEAN OUT
COL	COLUMN
COMM	COMMUNICATIONS
CONC	CONCRETE
DI	DRAIN INLET
DW	DRIEWAY
E	ELECTRICAL
ELECT	ELECTRIC BOX
FL	FLOWLINE
ICV	IRRIGATION CONTROL VALVE
IW	IRRIGATION WATER
LP	LAMP POLE
MH	MAINTENANCE HOLE
PB	PARKING BLOCK
PS	PARKING STRIPE
SD	STORM DRAIN
SL	STREET LIGHT
SS	SANITARY SEWER
SW	SIDEWALK
TC	TOP OF CURB
TS	TOP OF STEPS
UN	UNKNOWN UTILITY
UTIL	UTILITY BOX
W	WATER
WM	WATER METER
WV	WATER VALVE
ASPHLT	ASPHALT
BUILDING LINE	BUILDING LINE
BRICK	BRICK
CONCRETE SURFACE	CONCRETE SURFACE
CONCRETE WALL	CONCRETE WALL
FLAGSTONE	FLAGSTONE
METAL	METAL
RUBBER	RUBBER
TRUNCATED DOME MAT	TRUNCATED DOME MAT
WOOD	WOOD
CHAIN LINK FENCE	CHAIN LINK FENCE
METAL FENCE	METAL FENCE
WOOD FENCE	WOOD FENCE

GENERAL NOTES:
 DIMENSIONS ARE IN FEET AND DECIMAL FEET.
 DATE OF FIELD SURVEY: AUGUST 16, 2022
DATUM:
 ELEVATIONS ARE BASED ON CITY OF BERKELEY DATUM.
UTILITY NOTE:
 UNDERGROUND UTILITY LOCATIONS IN THE STREET AND ON SITE SHOWN HEREON ARE BASED UPON SURFACE MARKINGS, SURFACE STRUCTURES AND GEOTECH UTILITY LOCATING FINDINGS. LOCATIONS SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED, IF NECESSARY, PRIOR TO EXCAVATION.



SITE SURVEY
 LOCATED AT CIVIC CENTER PARK
 CITY OF BERKELEY, COUNTY OF ALAMEDA, CALIFORNIA
 SEPTEMBER 21, 2022 SCALE: 1" = 10'

MORAN ENGINEERING, INC.
 CIVIL ENGINEERS \ LAND SURVEYORS
 1930 SHATTUCK AVENUE, SUITE A
 BERKELEY, CALIFORNIA 94704
 (510) 848-1930



REVISION NOTE: 10-18-2022 - ADDITIONAL TOPOGRAPHIC INFORMATION PER CLIENT REQUEST
 F.B. NO. 1907 CIVICCENTER-TOPO.DWG JOB NO. 22-4206.2

G3.00



Guidelines for Tree Protection and Tree or Root Pruning during City of Berkeley Projects

(I) General Information for Tree and Root Protection and Root Pruning

Note: The term 'Contractor' refers to any contractors, sub-contractors, utility and infrastructure companies, or any other service provider working on a City of Berkeley project.

The Contractor is responsible for providing a Project Arborist and protecting all public trees, and privately-owned coast live oak trees (*Quercus agrifolia*) 18 inches in circumference or greater, during all phases of their work. Contractors shall protect existing street, park, or median trees, and protected coast live oak trees where the drip line of the tree extends over the area where the improvements are being made. Contractors shall protect trees with temporary fencing around the drip line or the edge of the tree well or planting strip; or adhere to the requirements set forth in Section (III) Trunk and Branch Protection. Should tree or root pruning be required to construct the improvements shown on the plans, or as directed by the City's Representative, the Contractor shall adhere to the current requirements detailed on the USA North, Call Before You Dig website (usanorth811.org). See Section (II) Underground Service Alert (USA) of Northern/Central California and Nevada for additional information. The Project Arborist shall inspect each site to approve the tree or root pruning, or work with the City's Representative and Contractor to modify the work to accommodate the tree roots. The Contractor will inform the Project Arborist of the schedule for when the roots will be exposed for assessment. In cases where the proposed root pruning may jeopardize the health or stability of the tree, the Project Arborist will consult the City's Representative and the City's Urban Forestry Representative to determine the best course of action.

All fencing must have signage stating "This is a Tree Protection Zone (TPZ) and no one is allowed to disturb this area". The sign shall also list the contact information for the contractor and the project arborist, and clearly state that a violation of the TPZ will result in a stop work order.

No oils, gas, chemicals, liquid waste, solid waste, heavy construction machinery or other construction materials shall be stored or allowed to stand within the dripline of any tree, or within the TPZ. No equipment may be washed within the dripline of any tree.

(II) Underground Service Alert (USA) of Northern/Central California and Nevada

- When any work being done by a contractor, whether for the City or a private entity:
- The Contractor will contact USA North 811 Call Before You Dig in accordance with all applicable requirements.
 - Root pruning will be performed in accordance with USA timeline requirements.

(III) Trunk and Branch Protection

This applies when trees are not surrounded by protective fencing, or any construction activity will occur within a tree protection zone (TPZ). Trees shall have the trunk protected by wrapping it with straw tubes (wattle) or vertical wood slats (ex. 2x4), up to a minimum of 8 feet from grade (see Figure 1, page 3). Wooden slats shall be angled to protect the root flare at the base of the tree and bound securely on the outside. Closed cell foam or an equivalent material shall be used to protect the trunk of the tree where it contacts the slats. Lateral branches below 8 feet shall also be protected.

NOTE: Straw wattle shall only be used for short duration projects (<30 days) when there will be no precipitation.

Contractor shall keep deleterious materials associated with project construction from contacting any part of the trees, or being placed or stored within the TPZ, or in the tree well or planting strip.

(IV) Root Protection and Preparation for Root Pruning

- Existing hardscape shall be removed in a manner that prevents any machinery, such as a backhoe, Bobcat®, mini-excavator, or any other driven machinery used to remove the hardscape from traveling over the exposed root zone.
- Where roots must be pruned, the area shall be excavated down to the depth required for the improvements prior to the Project Arborist inspecting the site; and all rock, concrete or other loose material removed.
- Root pruning that has been approved by the Project Arborist will be performed by the Contractor using a stump/root cutting machine, saw, axe, or any other sharp blade tool; resulting in a flat surface with the adjacent bark firmly attached.
- No roots shall be torn or pulled using any other tools or machinery unless already severed on each end by one of the approved pruning tools.
- At no time will any root pruning cut into the root flare.
- Exposed roots shall be covered with soil, mulch, or wet burlap if they will be exposed for more than 72 hours without measureable precipitation.
- All debris resulting from root pruning will be removed by the Contractor.

The unpaved growing space surrounding the tree(s) will be assessed by the Project Arborist and the City's Representative to determine if it can be increased in size and still meet the minimum requirements as designated by the City's Representative.

(V) Project Arborist

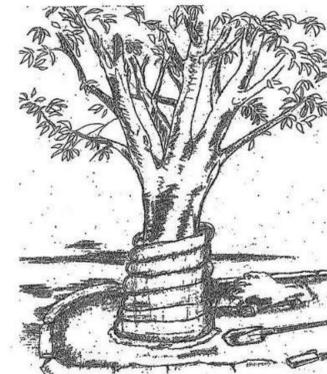
The Project Arborist must be an American Society of Consulting Arborists (ASCA) Registered Consulting Arborist (RCA), an International Society of Arboriculture (ISA) Board Certified Master Arborist, or an ISA Certified Arborist with documented experience on construction projects.

- A list of Registered Consulting Arborists can be found at: <http://www.asca-consultants.org>
- A list of Board-Certified Master Arborists can be found at: <http://www.isa-arbor.com/findanarborist/arboristsearch.aspx>

Figure 1: Examples of Tree Trunk Protection

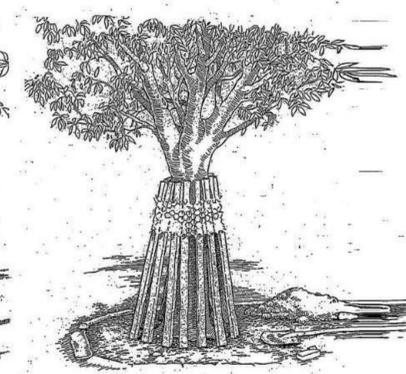
The following illustrations are examples of tree trunk protection measures. One of these examples shall be used when any approved construction activity takes place within the dripline or designated Tree Protection Zone (TPZ) of a protected tree that is not surrounded by protective fencing.

Example A – Straw tubing (wattle)



Example A. Illustration by Dwayne Walters

Example B – Wooden slats



Example B. Illustration from ISA Managing Trees During Construction, BMP

Minimum Requirements:

- Trees situated in a tree well or sidewalk planting strip shall have the trunk protected by wrapping it with straw tubes (wattle) or vertical wood slats (ex. 2x4), up to a minimum of 8 feet from grade.
- Wooden slats shall be angled to protect the root flare at the base of the tree and bound securely on the outside.
- Closed cell foam or an equivalent material shall be used to protect the trunk of the tree where it contacts the slats.
- Lateral branches below 8 feet shall also be protected.
- Contractor shall keep deleterious materials associated with project construction from contacting any part of the trees, or being placed in the tree well or planting strip; or on any unpaved area within the dripline of any protected tree.

NOTE: Example A is intended for short duration projects when there will be no precipitation.

SEE SHEET G2.00 FOR GENERAL NOTES AND L1.00 FOR PRESERVATION NOTES.



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements

Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704

City of Berkeley

DRAWING STATUS	
Date	Description
2/15/23	Structural Alterations Permit Application Set
7/7/23	90% CD Permit Set
7/18/24	CD Permit Resubmittal

REVISION SCHEDULE		
No.	Date	Description

CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

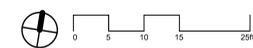
TREE PROTECTION GUIDELINES

DATE:
7/18/2024

SCALE:

DRAWN BY: PM
CHECKED BY: CG

L1.01





Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements

Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704
City of Berkeley

DRAWING STATUS

Date	Description
2/15/23	Structural Alterations
7/7/23	Permit Application Set
7/18/24	90% CD Permit Set
7/18/24	CD Permit Resubmittal

REVISION SCHEDULE

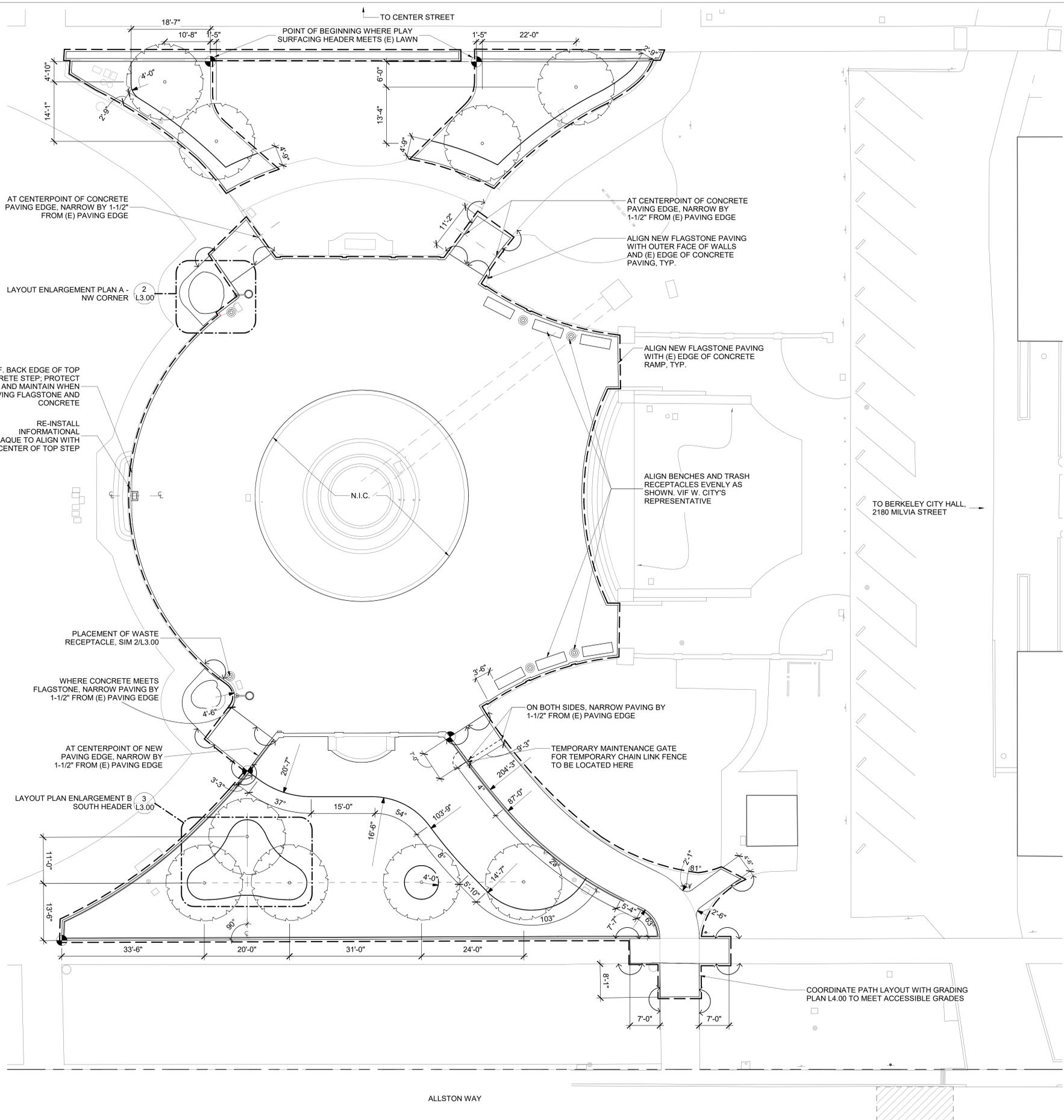
No.	Date	Description
-----	------	-------------

CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

LAYOUT PLAN

DATE: 7/18/2024
SCALE: As indicated
DRAWN BY: PM
CHECKED BY: CG

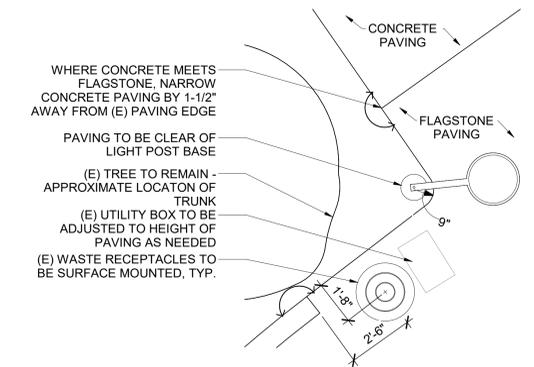
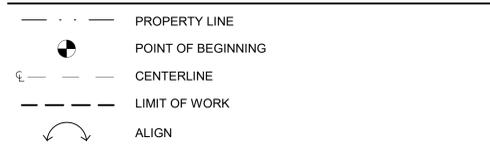
L3.00



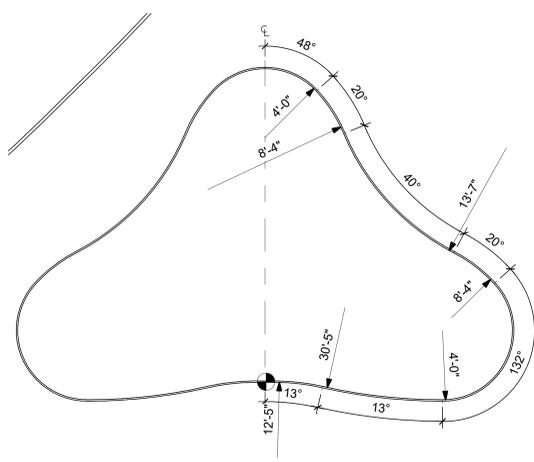
LAYOUT NOTES

- DIMENSIONS ARE FROM OUTSIDE FACE OF WALLS, UNLESS OTHERWISE NOTED, AND CONTRACTOR TO VERIFY IN THE FIELD PRIOR TO CONSTRUCTION AND MAJOR EXCAVATION. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALING.
- UNLESS OTHERWISE NOTED, ANGLES TO BE RIGHT ANGLES, ARCS WHICH APPEAR TANGENT AND UNIFORM ARE TO BE TANGENT AND UNIFORM, LINES WHICH APPEAR PARALLEL ARE TO BE PARALLEL, AND ITEMS WHICH APPEAR CENTERED TO BE CENTERED, MAINTAIN LINES TRUE, LEVEL, PLUMB, AND SQUARE.
- CONTRACTOR SHALL REFER TO GRADING PLANS FOR GRADING AND DRAINAGE STRUCTURES PRIOR TO INSTALLATION OF WALKS AND OTHER SITE ELEMENTS.
- LANDSCAPE ARCHITECT TO APPROVE LAYOUT IN THE FIELD PRIOR TO INSTALLATION OF FORMS OR GRADING FOR LANDSCAPE WORK.
- CONTRACTOR SHALL LOCATE ELECTRICAL JUNCTION BOXES FOR LIGHTS IN PLANTING AREAS UNLESS SHOWN OTHERWISE. LAYOUT TO BE APPROVED BY THE CITY'S REPRESENTATIVE PRIOR TO TRENCHING.
- CONTRACTOR SHALL CAREFULLY REVIEW LANDSCAPE IRRIGATION PLANS AND NOTES TO IDENTIFY LOCATIONS WHERE PIPE, SLEEVES, SAND BED OR CONDUIT MUST BE PLACED PRIOR TO PLACEMENT OF FORMWORK FOR INSTALLATION OF CONCRETE, OTHER PAVING, OR WALLS.
- THE DESIGN INTENT ALONG CONCRETE PATHWAYS IS TO NARROW SLIGHTLY WHERE CALLED OUT TO ACCOMMODATE FORMWORK AND REDUCE IMPACT ON EXISTING TREE ROOTS.

LAYOUT LEGEND



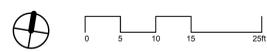
2 LAYOUT PLAN ENLARGEMENT A - NW CORNER
L3.00 / 3/8" = 1'-0"



3 LAYOUT PLAN ENLARGEMENT B - SOUTH HEADER
L3.00 / 1/4" = 1'-0"

1 LAYOUT PLAN
L3.00 / 1" = 10'-0"

SEE SHEET G2.00 FOR GENERAL NOTES AND L1.00 FOR PRESERVATION NOTES.



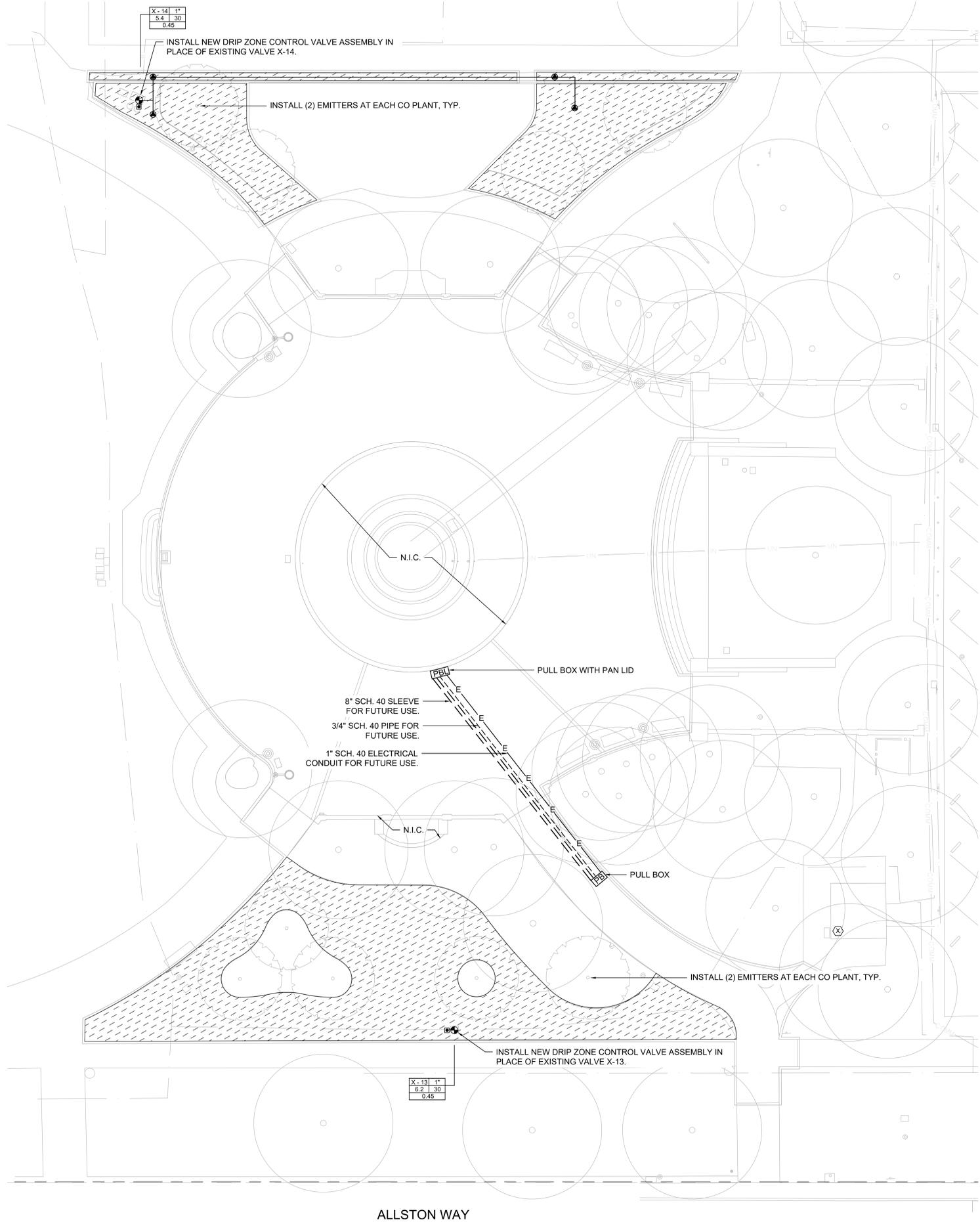
Approved: Doug C. Chen, Center Park Plaza CD23-541 19232/04/CenterParkPlaza/UpperPlaza/2024.rvt

IRRIGATION LEGEND

SYMBOL	MODEL	DESCRIPTION
	XCZ-100-PRB-COM	RAIN BIRD DRIP IRRIGATION CONTROL VALVE ASSEMBLY
	33DNP	RAIN BIRD QUICK COUPLING VALVE
		EXISTING IRRIGATION CONTROLLER TO REMAIN - PROTECT IN PLACE
		CONNECTION FROM PVC LATERAL LINE TO DRIP IRRIGATION AREA
	PB	ELECTRICAL PULLBOX PER CITY STANDARD
	PBL	ELECTRICAL PULL BOX WITH PAN LID
		POINT SOURCE DRIP IRRIGATION: HUNTER HEB-40 PRESSURE COMPENSATING EMITTERS. INSTALL ON FLEX PVC RISER, ONE EMITTER PER PLANT. MATCH QUANTITY AND LAYOUT OF EMITTERS TO FINAL PLANT QUANTITY AND LAYOUT.
		LATERAL LINE: SCH 40 PVC SOLVENT WELD PIPE WITH SCH 40 PVC SOLVENT WELD FITTINGS-12" COVER. ALL LATERAL LINE TO BE SIZE 3/4".
		3/4" LATERAL LINE FOR USE IN FUTURE PHASE
		4" SCH 40 PVC SLEEVE FOR USE IN FUTURE PHASE
		1" PVC ELECTRICAL CONDUIT FOR USE IN FUTURE PHASE
	CONTROLLER / STATION NUMBER APPROXIMATE GPM THROUGH VALVE APPROXIMATE PRECIPITATION RATE ("HR)	REMOTE CONTROL VALVE SIZE ZONE OPERATING PRESSURE (PSI)

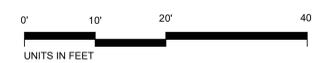
IRRIGATION NOTES

- WORK CONSISTS OF MODIFYING AND ADDING TO AN EXISTING IRRIGATION SYSTEM. IRRIGATION OUTSIDE PROJECT LIMITS IS TO REMAIN IN SERVICE DURING PROJECT CONSTRUCTION. IF NECESSARY TO SHUT OFF WATER OR CONTROLLER POWER, CONTRACTOR SHALL NOTIFY CITY'S REPRESENTATIVE AT LEAST 48 HOURS IN ADVANCE.
- CONTRACTOR SHALL ARRANGE FOR TESTING OF EXISTING BACKFLOW PREVENTER BY A CERTIFIED BACKFLOW PREVENTER TESTER. SUBMIT WRITTEN REPORT OF TEST RESULTS TO CITY'S REPRESENTATIVE.
- CONTRACTOR SHALL REPLACE EXISTING CONTROL VALVES X-13 AND X-14 WITH SPECIFIED DRIP IRRIGATION CONTROL VALVE ASSEMBLY AT SAME LOCATION. MAKE SPLICES TO EXISTING CONTROL WIRE WITH NEW SPECIFIED WATERPROOF SPLICE KITS. INSTALL NEW VALVE BOXES FOR EACH, AND LABEL PER CITY STANDARD.
- CONTRACTOR SHALL INSTALL (1) 8" PVC PIPELINE, (1) 3/4" LATERAL LINES AND (1) 1" ELECTRICAL CONDUIT DURING PAVEMENT REPLACEMENT, FOR FUTURE USE. BED LATERAL LINES AND CONDUITS IN CLEAN SAND SURROUNDING 6" ON ALL SIDES, MIN. 3" CLEARANCE BETWEEN LINES. CAP ALL LINES & BURY WITH 24" MINIMUM SOIL COVER BENEATH PAVEMENT FINISH SURFACE. CAREFULLY NOTE LOCATION OF CAPPED ENDS ON PROJECT RECORD DRAWINGS.
- CONTRACTOR SHALL AVOID TRENCHING WITHIN DRIP LINE OF EXISTING TREES. WHERE TRENCHING WITHIN DRIP LINE IS UNAVOIDABLE REVIEW WITH CITY'S REPRESENTATIVE PRIOR TO START OF WORK. USE AIR SPADE OR HAND TRENCH ONLY WITHIN THESE AREAS. SEE SHEET L1.00.
- CONTRACTOR SHALL INSTALL DRIP IRRIGATION AS REQUIRED TO PROVIDE IRRIGATION TO ALL NEW PLANTS AS SHOWN ON PLANTING PLAN. ADJUST FINAL QUANTITY AND LAYOUT OF DRIP EMITTERS TO MATCH FINAL QUANTITY AND LAYOUT OF NEW PLANTS.
- CONTRACTOR SHALL INSTALL EMITTERS AT EACH PLANT AS DETAILED, STAKING IN PLACE AT PLANT ROOTBALL.



ALLSTON WAY

SEE SHEET G2.00 FOR GENERAL NOTES AND L1.00 FOR PRESERVATION NOTES.



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements
Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704

City of Berkeley

DRAWING STATUS

Date	Description
2/15/23	Structural Alterations
7/7/23	Permit Application Set
7/18/24	90% CD Permit Set
	CD Permit Resubmittal

REVISION SCHEDULE

No.	Date	Description
-----	------	-------------

CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

IRRIGATION PLAN

DATE: 7/18/2024
SCALE: 1/8" = 1'-0"
DRAWN BY: BT
CHECKED BY: CG

L5.00

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

Reference Evapotranspiration (ET _o) is		41.80		ETAF for MAWA is		0.45	
Hydrozone # (Planting Description)	Water Use Designation (WUD)	Plant Factor (PF)	Irrigation Method	Irrigation Efficiency (IE)	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area
Regular Landscape Areas - Controller 'A'							
X-13 SHRUBS	Low	0.20	DRIP	0.81	0.25	2541	635
X-14 SHRUBS	Med	0.50	DRIP	0.81	0.62	1590	986
						Totals	1621
						(A)	(B)
Special Landscape Areas							
						Totals	0
						(C)	(D)
						ETWU Total	42010
						Maximum Allowed Water Allowance (MAWA)	48177

Irrigation #/Planting Description

1) front lawn
2) low water use plantings
3) medium water use planting

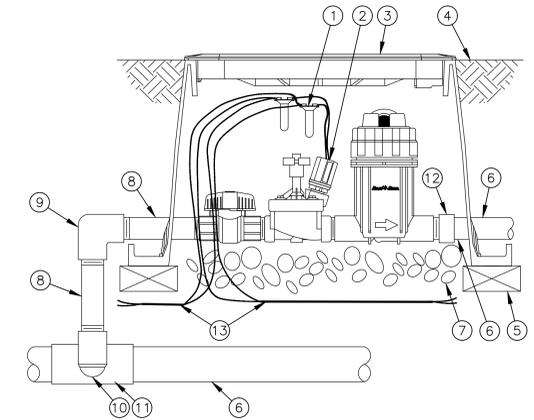
Irrigation Method
Spray or Drip
Irrigation Efficiency
0.75 for spray head
0.81 for drip

ETAF
(Annual Gallons Required) =
Eto x 0.62 x ETAF x Area
Where 0.62 is a conversion factor.

MAWA (Annual Gallons Allowed) = (Eto) (0.62) ((ETAF x LA) + (1-ETAF) x SLA)

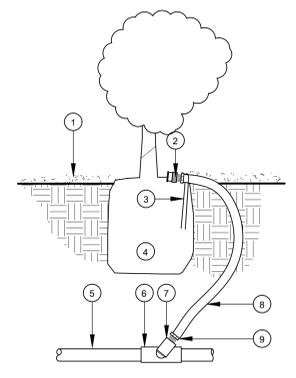
where 0.62 is a conversion factor.
LA is the total landscape area in square feet. SLA is the total special landscape area in square feet, and ETAF is .35 for residential areas and 0.45 for non-residential areas.

Regular Landscape Areas		All Landscape Areas		Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.	
Total ETAF x Area	(B)	Total ETAF x Area	(B+D)	Total Area	(A+C)
1621	1621	4131	4131	4131	4131
Average ETAF	B/A = 0.39	Stiewide ETAF=(B+D)/(A+C)	0.39		



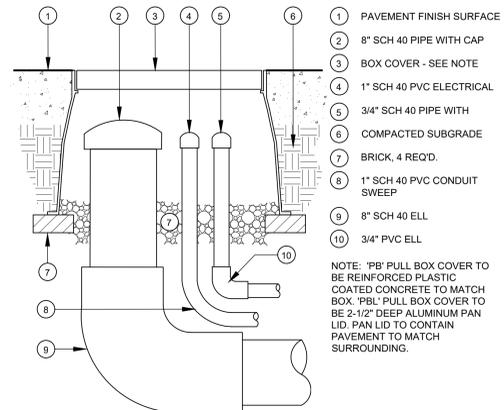
1 DRIP IRRIGATION CONTROL VALVE ASSEMBLY
L5.01 SCALE: NTS

- 1 WATERPROOF SPLICE CONNECTION:
- 2 RAIN BIRD DRIP KIT: XCZ-100-PRB-COM
- 3 VALVE BOX WITH COVER. COVER TO BE HOT BRANDED WITH CONTROLLER-STATION NUMBER LABEL, 3" HIGH.
- 4 FINISH GRADE OR TOP OF MULCH
- 5 BRICK (1 OF 4)
- 6 PVC PIPE
- 7 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- 8 PVC SCH 80 NIPPLE 1"
- 9 PVC SCH 80 ELBOW
- 10 PVC SCH 80 NIPPLE (2" LENGTH, HIDDEN) AND PVC SCH 80 ELBOW
- 11 PVC SCH 80 TEE OR ELBOW
- 12 PVC SCH 40 MALE ADAPTER
- 13 CONTROL WIRE



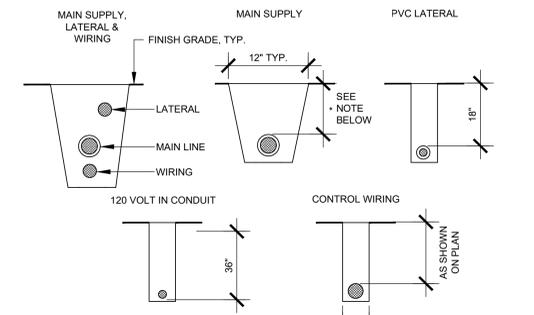
2 EMITTER ON FLEX RISER
L5.01 SCALE: NTS

- 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.



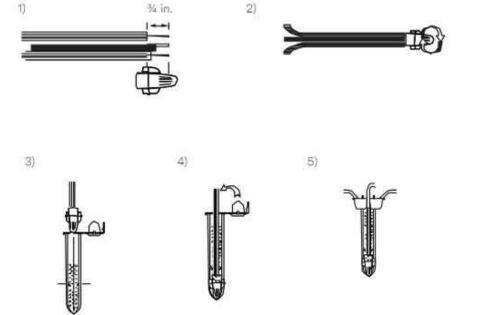
3 PULL BOX
L5.01 SCALE: NTS

- 1 PAVEMENT FINISH SURFACE
 - 2 8" SCH 40 PIPE WITH CAP
 - 3 BOX COVER - SEE NOTE
 - 4 1" SCH 40 PVC ELECTRICAL
 - 5 3/4" SCH 40 PIPE WITH COMPACTED SUBGRADE
 - 6 BRICK, 4 REQ'D.
 - 7 1" SCH 40 PVC CONDUIT SWEEP
 - 8 8" SCH 40 ELL
 - 9 3/4" PVC ELL
- NOTE: 'PB' PULL BOX COVER TO BE REINFORCED PLASTIC COATED CONCRETE TO MATCH BOX. 'PBL' PULL BOX COVER TO BE 2-1/2" DEEP ALUMINUM PAN LID. PAN LID TO CONTAIN PAVEMENT TO MATCH SURROUNDING.



- NOTES:**
- MAKE ALL WIRE SPLICES WITH SPECIFIED WATERPROOF SPLICE KIT.
 - TAPE AND BUNDLE WIRING AT 10' INTERVALS.
 - ALL MAIN SUPPLY LINES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION SPECS AND TO LOCAL CODE.
- * 30" UNDER PAVED SURFACES, 24" UNDER UNPAVED SURFACES.

4 TRENCH CROSS SECTIONS
L5.01 SCALE: NTS



- Strip insulation 3/8 in.
- With wire ends even, insert wires into the connector and tighten until secure.
- Insert the connector all the way into the tube until the connector rests on the bottom.
- Fold the wire into the channels.
- Close the cap.

5 WATERPROOF WIRE SPLICE KIT
L5.01 SCALE: NTS

SEE SHEET G2.00 FOR GENERAL NOTES AND L1.00 FOR PRESERVATION NOTES.



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements
Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704
City of Berkeley

DRAWING STATUS	
Date	Description
2/15/23	Structural Alterations
7/7/23	Permit Application Set
7/18/24	90% CD Permit Set
	CD Permit Resubmittal

REVISION SCHEDULE		
No.	Date	Description

CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

IRRIGATION DETAILS

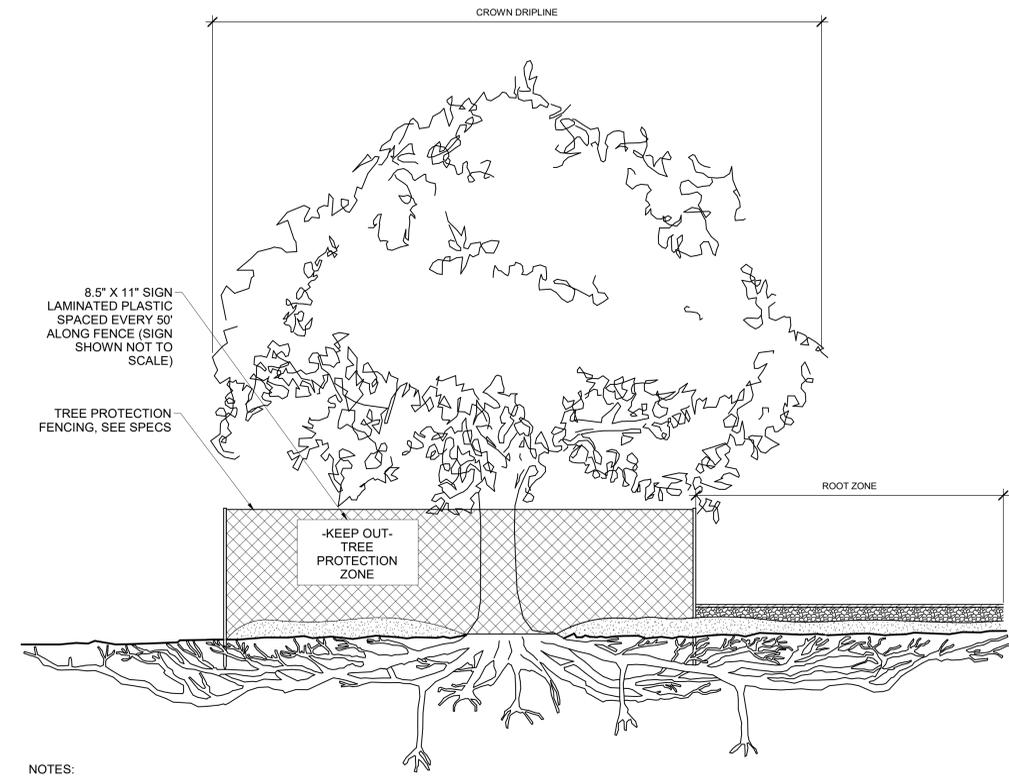
DATE: 7/18/2024
SCALE: AS NOTED
DRAWN BY: BT
CHECKED BY: CG



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements

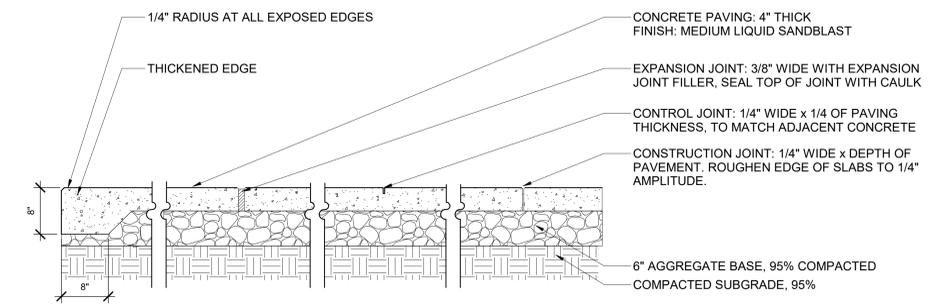
Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704

City of Berkeley



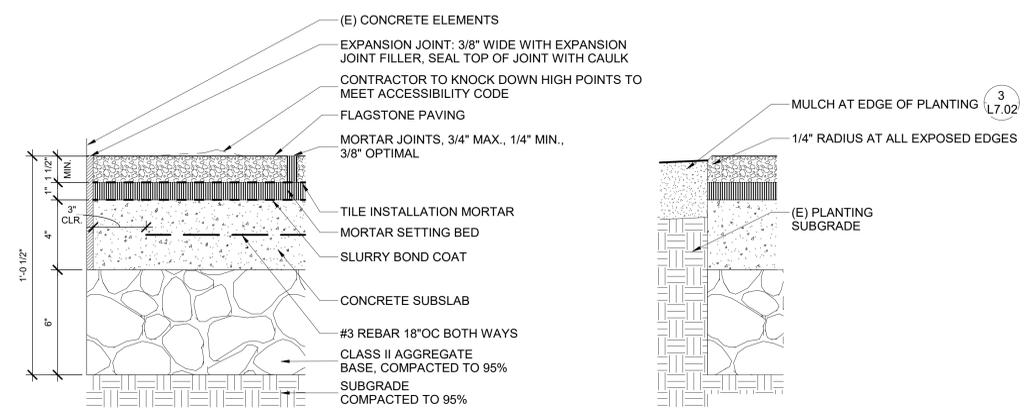
- NOTES:
- NO PRUNING OF EXISTING TREES EXCEPT BY APPROVED PROJECT ARBORIST.
 - DO NOT OPERATE EQUIPMENT INSIDE TREE PROTECTION FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
 - SEE L1.00 - PRESERVATION & DEMOLITION PLAN AND L1.01 TREE PROTECTION GUIDELINES FOR FENCE ALIGNMENT AND ADDITIONAL PROTECTION MEASURES. WHERE CONFLICTING INFORMATION IS GIVEN ABOUT PROTECTION MEASURES, CONTRACTOR TO FOLLOW THE MORE STRINGENT.

1 TREE PROTECTION FENCING AND ROOT ZONE BUFFER
L7.01 1/4" = 1'-0"



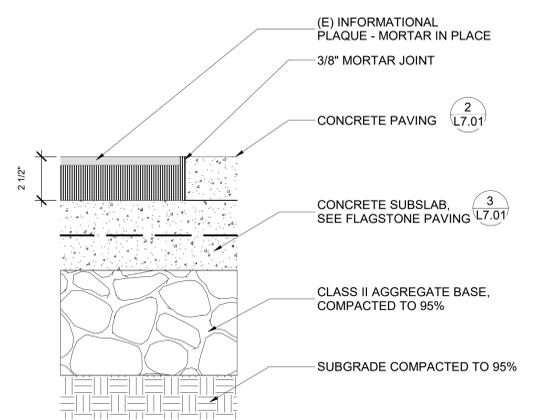
- NOTES:
- WHERE NEW CONCRETE MEETS EXISTING CONCRETE ELEMENTS (INCLUDING BUT NOT LIMITED TO STEPS, PAVING, AND EXISTING VERTICAL SURFACE OF WALLS AND FOUNTAIN), AND WHERE NEW CONCRETE MEETS NEW FLAGSTONE PAVING, USE AN EXPANSION JOINT.
 - CONCRETE COLOR, SEE SPECS:
COLOR A: TO MATCH EXISTING ROSE-COLORED CONCRETE WALKWAYS.
COLOR B: TO MATCH EXISTING CITY OF BERKELEY STANDARD GRAY WALKWAYS.
COLOR C: AROUND INFORMATIONAL PLAQUE.
 - CAULK/SEALANT TO MATCH COLOR OF ADJACENT PAVING, TOOL THE SEALANT.
 - JOINTING PATTERN AND METHOD (TOOLED OR SAWN) TO MATCH ADJ. EXISTING CONCRETE PAVING.
 - IF TREE ROOTS ARE ENCOUNTERED, SEE NOTES ON SHEET L1.00 REGARDING REVIEW OF BED PREPARATION AND PAVING INSTALLATION.

2 CONCRETE PAVING
L7.01 1" = 1'-0"



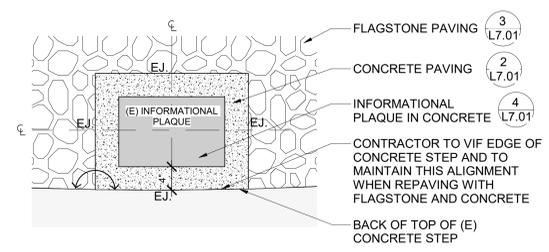
- NOTES:
- WHERE NEW CONCRETE MEETS EXISTING CONCRETE ELEMENTS (INCLUDING BUT NOT LIMITED TO STEPS, PAVING, AND EXISTING VERTICAL SURFACE OF WALLS AND FOUNTAIN), AND WHERE NEW CONCRETE MEETS NEW FLAGSTONE PAVING, USE AN EXPANSION JOINT.
 - FOR PAVER PATTERN, PRODUCTS, AND COLORS, SEE SPECIFICATIONS.
 - LANDSCAPE ARCHITECT TO REVIEW AND APPROVE MOCK-UP IN FIELD, SEE SPECS.
 - INSTALLER TO KNOCK DOWN HIGH POINTS OF FLAGSTONE TO ACHIEVE ADA COMPLIANT SURFACE, NO HIGH POINTS GREATER THAN 1/4" HIGH.
 - NO GAPS, AIR POCKETS, OR VOIDS TO BE PRESENT UNDER FLAGSTONE.
 - IF TREE ROOTS ARE ENCOUNTERED, SEE NOTES ON SHEET L1.00 REGARDING REVIEW OF BED PREPARATION AND PAVING INSTALLATION.

3 FLAGSTONE PAVING
L7.01 3" = 1'-0"



- NOTES:
- TREATMENT OF EXISTING INFORMATIONAL PLAQUE TO BE COORDINATED WITH CITY REPRESENTATIVE. ASSOCIATED WORK - REMOVAL, CLEANING, AND RE-INSTALLATION TO MEET NEW FINISH GRADE - TO BE PERFORMED BY OTHERS.
 - SEE LAYOUT PLAN AND LAYOUT PLAN ENLARGEMENT FOR PLACEMENT.
 - MORTAR COLOR TO MATCH ADJACENT CONCRETE PAVING.

4 INFORMATIONAL PLAQUE IN CONCRETE
L7.01 3" = 1'-0"



5 LAYOUT PLAN ENLARGEMENT - INFORMATIONAL PLAQUE
L7.01 1" = 1'-0"

DRAWING STATUS

Date	Description
2/15/23	Structural Alterations
7/7/23	Permit Application Set
7/18/24	90% CD Permit Set
7/18/24	CD Permit Resubmittal

REVISION SCHEDULE

No.	Date	Description
-----	------	-------------

CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

DETAILS

DATE: 7/18/2024
SCALE: As indicated
DRAWN BY: PM
CHECKED BY: CG

L7.01



Martin Luther King Jr. Civic Center Park - Upper Plaza Improvements

Martin Luther King Jr. Civic Center Park
2151 Martin Luther King Jr. Way, Berkeley, CA 94704

City of Berkeley

DRAWING STATUS

Date	Description
2/15/23	Structural Alterations
7/7/23	Permit Application Set
7/18/24	90% CD Permit Set
	CD Permit Resubmittal

REVISION SCHEDULE

No.	Date	Description
-----	------	-------------

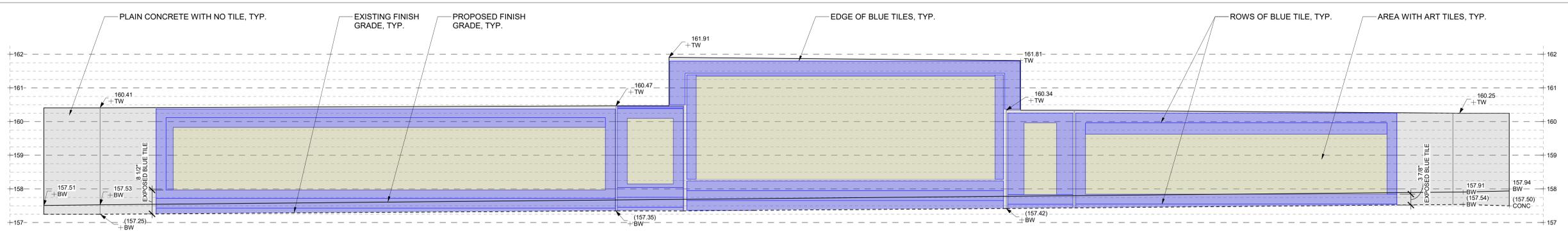
CITY PLAN NUMBER: 8277
CITY FILE NUMBER: 406-220

ELEVATIONS

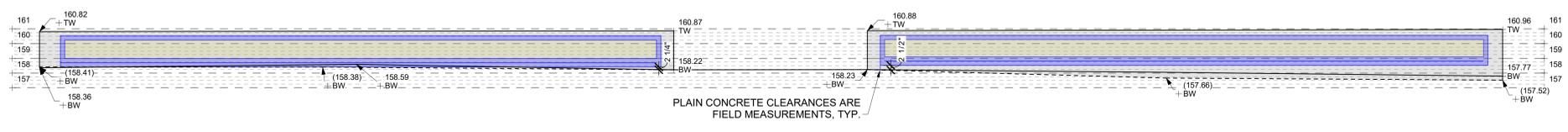
DATE: 7/18/2024
SCALE: As indicated

DRAWN BY:	CHECKED BY:
Author	Checker

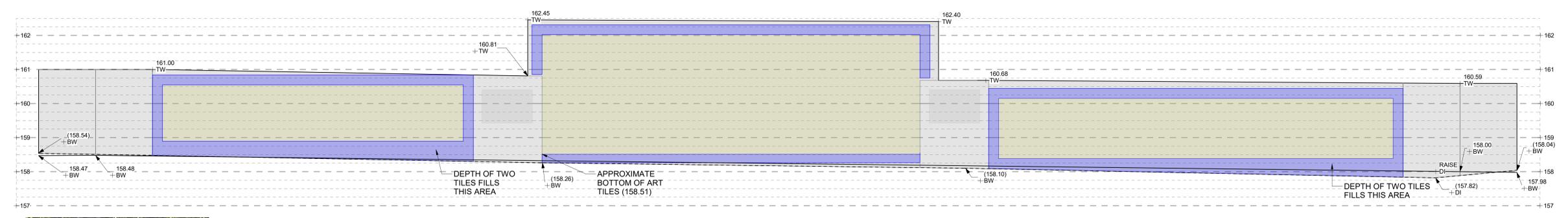
L8.01



1 WORLD WALL OF PEACE - NORTH WALL ELEVATION
L8.01 3/4" = 1'-0"



2 WORLD WALL OF PEACE - WEST WALL ELEVATION
L8.01 1/4" = 1'-0"



3 WORLD WALL OF PEACE - SOUTH WALL ELEVATION
L8.01 3/4" = 1'-0"

WORLD WALL OF PEACE NOTES:

- CONTRACTOR TO COORDINATE WITH CIVIC ARTS ADN REVIEW SPEIFICATIONS FOR INSTALLATION OF ARTWORK PROTECTION.
- IN ORDER TO ESTIMATE SITE GRADING, DRAWING APPROXIMATES TILE SIZES AS FOLLOWS: BLUE TILES ARE 3.5" SQUARE FULL SIZE, ALTHOUGH MANY ARE CUT INTO SMALLER SIZES. TILES ARE NOT UNIFORMLY ALIGNED TO ONE UNIFYING ROW OR COLUMN LAYOUT. ART TILE SIZES VARY, GENERAL OUTLINE OF AREA IS PROVIDED BASED ON PHOTOGRAPHS.
- TOP OF WALL, BOTTOM OF WALL, AND WALL LENGTH DIMENSIONS ARE TAKEN FROM THE SURVEY. WHERE THE SURVEY IS KNOWN TO BE INACCURATE BASED ON PHOTOGRAPHS, THE ELEVATIONS DRAWN HERE ARE A UNION OF BOTH DATA SOURCES.

Approved: Doug Calkins, Center Park Plaza CD25-24-110232-Civil/Structural/Landscape/2024.rvt 7/18/2024 4:10:27 PM