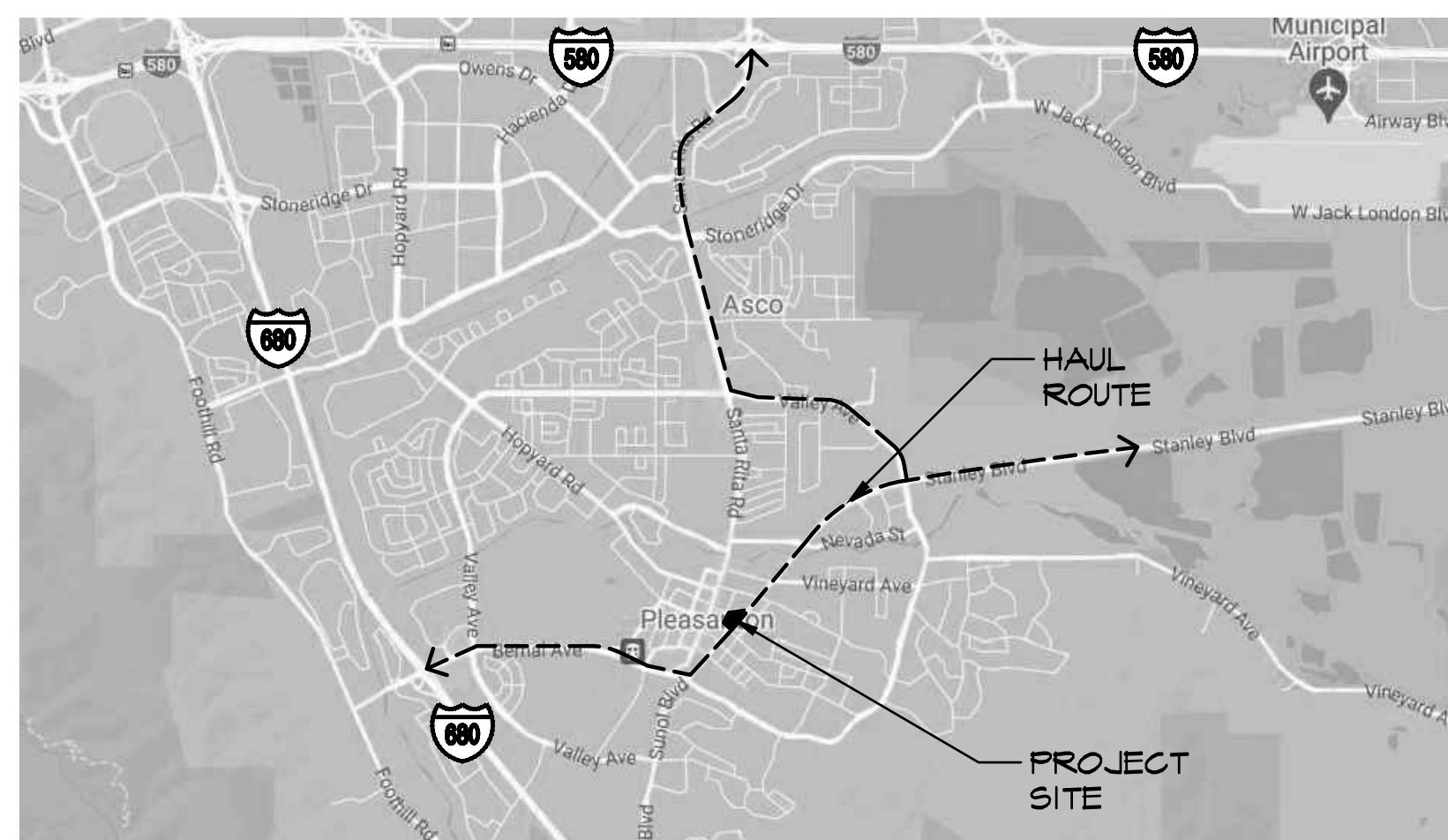


# LIONS WAYSIDE AND DELUCCHI PARK RENOVATIONS

CITY OF PLEASANTON, CIP NO. 06716

June 18, 2024

## VICINITY MAP

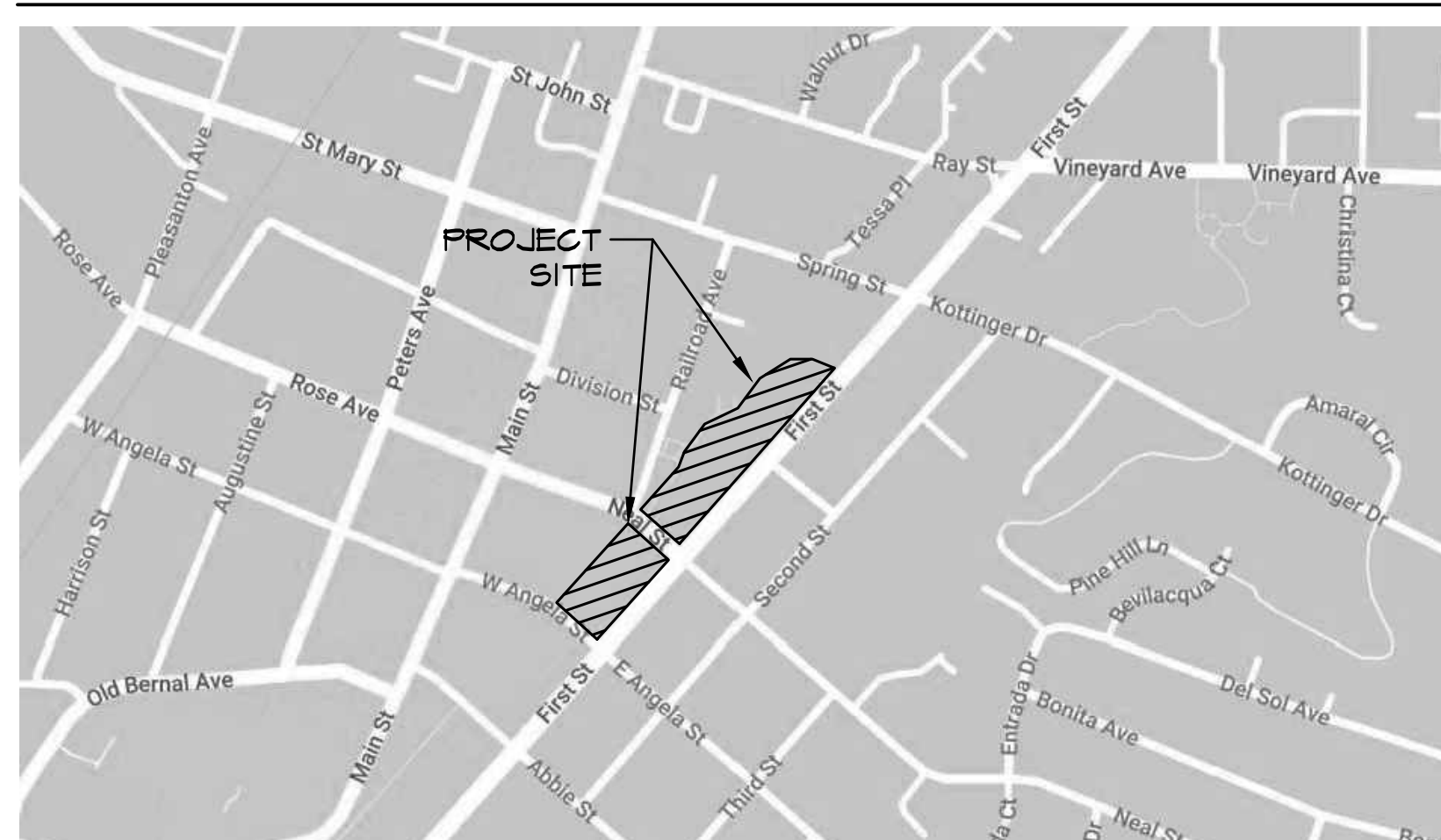


SOURCE: 2023 GOOGLE MAPS



N.T.S.

## LOCATION MAP



SOURCE: 2023 GOOGLE MAPS



N.T.S.

## PROJECT TEAM

**CLIENT:**  
CITY OF PLEASANTON  
200 OLD BERNAL AVENUE  
PLEASANTON, CA 94566  
CONTACT: MATT GRUBER,  
CITY LANDSCAPE ARCHITECT  
(925) 931-5612

**LANDSCAPE ARCHITECT / PRIME CONSULTANT:**  
CALLANDER ASSOCIATES,  
LANDSCAPE ARCHITECTURE, INC.  
2025 GATEWAY PLACE, SUITE 285  
SAN JOSE, CA 95110  
CONTACT: GRANT HUANG,  
PROJECT MANAGER  
(408) 275-0565

**CIVIL ENGINEER**  
BKF ENGINEERS  
255 SHORELINE DRIVE, SUITE 200,  
REDWOOD CITY, CA 94065  
CONTACT: CUONG TRAN,  
PROJECT MANAGER  
(650) 482-6362

**ELECTRICAL ENGINEER**  
AURUM CONSULTING ENGINEERS  
1748 TECHNOLOGY DRIVE,  
SUITE 242,  
SAN JOSE, CA 95110  
CONTACT: NAJIB ANWARY  
(650) 482-6422

**STRUCTURAL ENGINEER**  
RW CONSULTING ENGINEERS INC  
1450 HARBOR BOULEVARD, SUITE F,  
WEST SACRAMENTO, CA 95691  
CONTACT: GRES RICHARDS  
(916) 716-9610

## GENERAL NOTES

1. **COMPOSITE BASE SHEET:** THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS BASE SHEET IS COMPILED FROM THE TOPOGRAPHIC SURVEY, OTHER ARCHITECTURAL AND/OR ENGINEERING DOCUMENTS, AND OTHER DATA AS MADE AVAILABLE TO THE LANDSCAPE ARCHITECT. THIS BASE SHEET INFORMATION IS SHOWN IN HALF TONE ON THE PLANS. THE COMPOSITE BASE SHEET IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME. IMPROVEMENTS MAY VARY FROM ACTUAL FIELD CONDITIONS.

THE BASE SHEET SOURCE FOR THESE DRAWINGS IS:

1. TOPOGRAPHIC SURVEY OF LIONS WAYSIDE & DELUCCHI PARK. SHEET C1.0 - C1.1, JOB # A23306-1. PREPARED BY KIER+WRIGHT, 8/23/23, (925) 245-8788

2. **UTILITIES:** PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES INVOLVED AND REQUESTING A VISUAL VERIFICATION OF THE LOCATIONS OF THEIR UNDERGROUND FACILITIES. MOST UTILITY COMPANIES ARE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF THE U.S.A. 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER 811. EXCAVATION IS DEFINED AS BEING 18 OR MORE INCHES IN DEPTH BELOW THE EXISTING SURFACE.

THE CONTRACTOR IS CAUTIONED THAT ONLY EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES.

3. **TREE PROTECTION REQUIREMENTS:** ALL TRENCHING WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN SHALL BE BY HAND, WITH CARE TAKEN NOT TO CUT OR DAMAGE ROOTS OVER 1-INCH DIAMETER. EXISTING TREES TO REMAIN SHALL BE PROTECTED PER SPECIFICATIONS.

4. **CITY STANDARDS:** ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS, AND ORDINANCES OF THE CITY OF PLEASANTON. STANDARD SPECIFICATIONS AND DETAILS ARE AVAILABLE IN THE OFFICE OF THE CITY ENGINEER.

5. **INSPECTIONS:** THE OFFICE OF PUBLIC WORKS INSPECTION (PHONE 925 931-5680) SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS.

THE PUBLIC WORKS DEPARTMENT (925-931-5650) SHALL BE NOTIFIED 24 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS.

6. **FIELD CHANGES:** THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.

7. **CONSTRUCTION STAKING:** THE OFFICE OF PUBLIC WORKS (PHONE 925-931-5650) SHALL BE NOTIFIED 48 HOURS PRIOR TO THE REQUIREMENT FOR SURVEY STAKES. ANY EXTRA CONSTRUCTION STAKING NECESSITATED SOLELY BY THE CONTRACTOR'S NEGLIGENCE WILL BE PAID FOR BY THE CONTRACTOR ON A TIME AND MATERIALS BASIS.

8. **CONSTRUCTION ACCESS:** CONTRACTOR SHALL MAINTAIN ACCESS FOR PEDESTRIANS DURING CONSTRUCTION.

9. **JOB SITE CONDITIONS:** THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE 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 AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE ANY EXISTING IMPROVEMENTS DAMAGED DURING THE COURSE OF CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER.

10. **CLARIFICATIONS:** SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.

11. **EXISTING UTILITIES:** EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE AND IN PLACE BY THE CONTRACTOR DURING CONSTRUCTION UNLESS OTHERWISE SHOWN.

ALL EXISTING UTILITIES AND PRIVATE IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.

12. **STATE STANDARD SPECIFICATIONS:** REFERENCES TO THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS MEANS THE DEPARTMENT OF TRANSPORTATION SPECIAL PROVISIONS AND STANDARD PLANS, CURRENT EDITION.

13. **USA MARKINGS:** CONTRACTOR SHALL REMOVE ALL U.S.A. MARKINGS UPON COMPLETION OF THE PROJECT.

14. **HAUL ROUTES:** HAUL ROUTE SHALL BE AS INDICATED ON THE VICINITY MAP UNLESS OTHERWISE DIRECTED BY THE CITY.

15. **EXISTING LANDSCAPE:** ALL AFFECTED LANDSCAPING SHALL BE REPLACED TO MATCH EX. CONDITIONS OR TO THE SATISFACTION OF THE CITY ENGINEER.

16. **QUANTITIES AND PAY ITEMS:** ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.

## SHEET SCHEDULE

SHEET#	SERIES #	SHEET TITLE
1	L1.0	COVER SHEET
2-3	L2.0-L2.1	EROSION CONTROL PLAN
4	L2.2	POLLUTION PREVENTION BMP
5-7	L3.0-L3.2	DEMOLITION PLAN
8-10	L4.0-L4.2	GRADING AND DRAINAGE PLAN
11-12	L5.0-L5.1	SITE CONSTRUCTION PLAN
13-15	L6.0-L6.2	LAYOUT PLAN
16-17	L7.0-L7.1	IRRIGATION PLAN
18	L7.2	LANDSCAPE DOCUMENTATION
19-20	L8.0-L8.1	PLANTING PLAN
21-30	L9.0-L9.9	CONSTRUCTION DETAILS
31	E0.1	SYMBOLS, ABBREVIATIONS, CODES, STANDARDS, NOTES & SHEET INDEX
32	E0.2	CALIFORNIA ENERGY COMPLIANCE TITLE 24 BUILDING EXTERIOR
33	E1.1	ELECTRICAL SINGLE DIAGRAM AND DETAILS
34	E1.2	ELECTRICAL DETAILS
35	E2.1	OVERALL SITE PLAN
36	E2.1D	DEMOLITION SITE PLAN & NOTES
37-38	E2.2- E2.3	NEW PARTIAL SITE PLAN
39	E6.1	ELECTRICAL DETAILS
40-41	S0.1-S1.1	STRUCTURAL DRAWINGS

## BID ALTERNATES

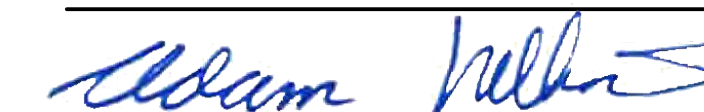
THE FOLLOWING ITEMS ARE DEFERRED SUBMITTALS. CONTRACTOR SHALL PREPARE STRUCTURAL CALCULATIONS AND ASSOCIATED DRAWINGS REQUIRED FOR CITY BUILDING DEPARTMENT REVIEW AND PERMIT ISSUANCE FOR:

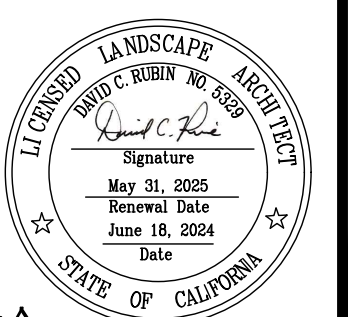
1. FESTOON LIGHT POLE FOOTINGS

## BID ALTERNATES

- BID ALTERNATE #1: DELUCCHI PARK IMPROVEMENTS
- BID ALTERNATE #2: NORTHERN PROPERTY IMPROVEMENTS
- BID ALTERNATE #3: FIREHOUSE LAWN IMPROVEMENTS
- BID ALTERNATE #4: SWPPP COMPLIANCE

## SIGNATURES

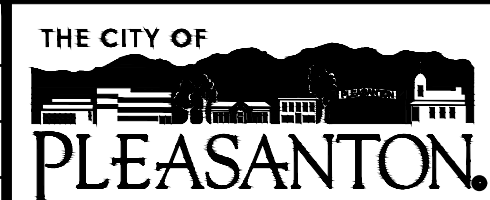
 6-20-2024  
CITY ENGINEER  
ADAM M. NELKIE  
P.E. 78830  
EXPIRES 9/30/25



CALA PROJECT #23.036A

## BID SUBMITTAL

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



CITY OF PLEASANTON  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

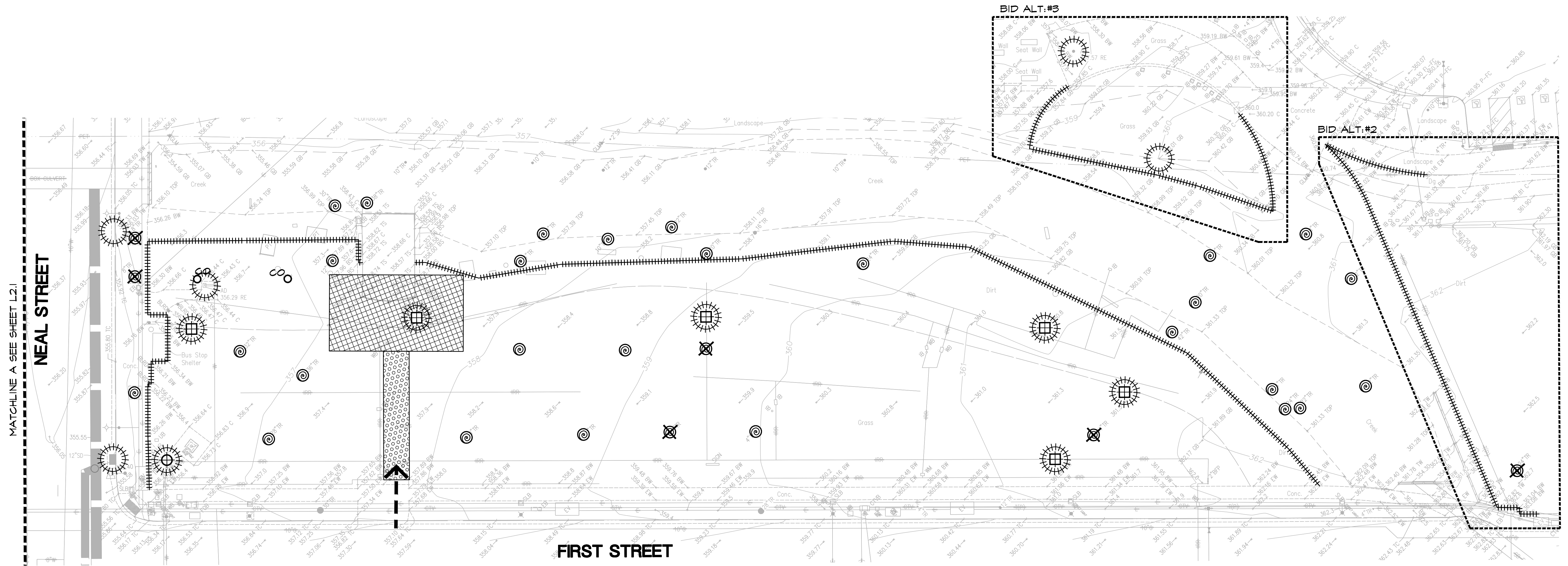
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
COVER SHEET



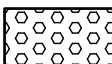





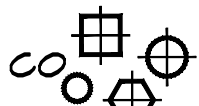
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DRAWN: BN  
CHECKED: BW/DR

SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

DWG NO.  
L1.0  
1 OF 41



**EROSION CONTROL LEGEND**

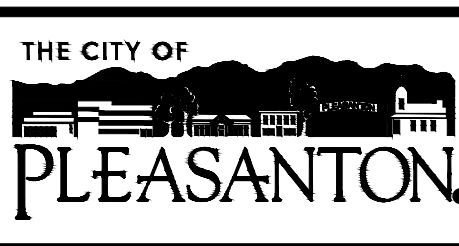
-  STABILIZED CONSTRUCTION ENTRANCE (4 L2.1)
-  CONSTRUCTION STAGING AREA
-  CONSTRUCTION SITE ACCESS
-  FIBER ROLL (3 L2.1)
-  COMPOST SOCK (2 L2.1)
-  STORM DRAIN INLET PROTECTION (1 L2.1)
-  DRAINAGE STRUCTURE, SEE GRADING AND DRAINAGE PLAN

**EROSION CONTROL NOTES**

1. IN THE EVENT THAT THE CITY ELECTS TO AWARD ANY COMBINATION OF THE BID ALTERNATES THAT PUSHES THE AREA OF DISTURBANCE TO MORE THAN ONE-ACRE, THE CONTRACTOR SHALL PROVIDE A PRICE FOR COMPLIANCE WITH THE STATEWIDE CONSTRUCTION GENERAL PERMIT AND THE PROJECT SWPPP PREPARED BY BKF. THE PRICE FOR THE SWPPP COMPLIANCE WILL BE INCLUDED AS BID ALTERNATE #4.
2. **EROSION AND SEDIMENT CONTROL:** ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE CITY.
3. **FIELD CHANGES:** THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE CITY.
4. **MAINTENANCE MEASURES:** ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED WEEKLY AND BEFORE AND AFTER ALL STORM EVENTS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
5. **STABILIZED CONSTRUCTION ENTRANCE:** THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.
6. **ROAD AND TIRE CLEANING:** ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AT THE END OF EACH WORKING DAY. ALL TRUCK TIRES SHALL BE CLEANED PROPERLY BEFORE LEAVING THE SITE.
7. **FIBER ROLL BARRIER:** CONTRACTOR SHALL PLACE FIBER ROLL BARRIER AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE FIBER ROLL BARRIERS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
8. **TRENCHES:** AFTER SEWER AND UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS-FLOW AT FREQUENT INTERVALS.
9. **CONTRACTOR RESPONSIBILITY:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED WITH ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURE MAINTENANCE THROUGHOUT THE DURATION OF THE PROJECT.
10. **DAILY WATERING:** DURING GRADING OPERATIONS THE SITE SHALL BE WATERED ON A DAILY BASIS TO MINIMIZE THE RELEASE OF DUST AND OTHER PARTICULATE MATTER.

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

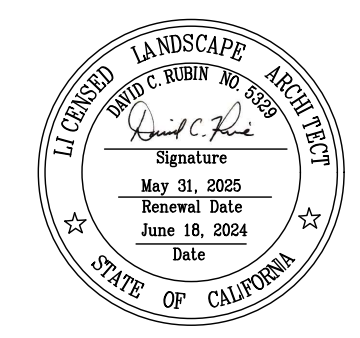
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
EROSION CONTROL PLAN AND NOTES

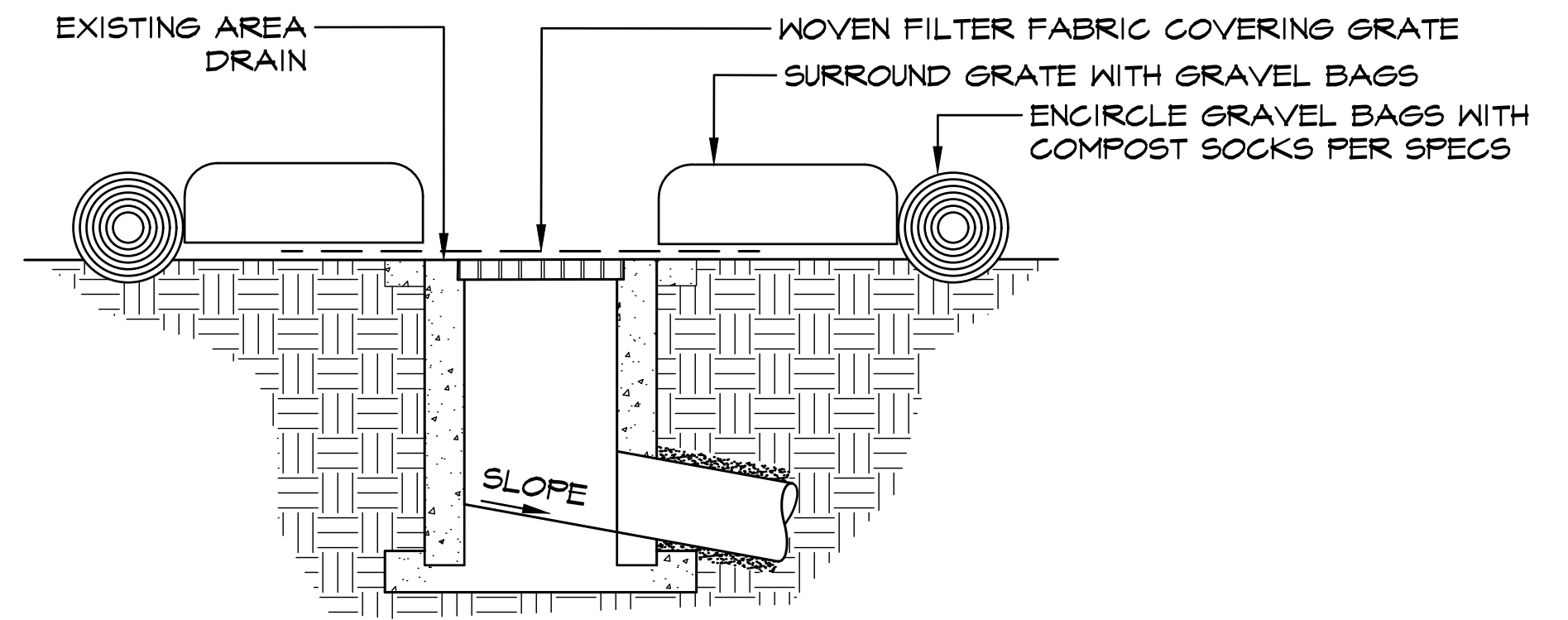
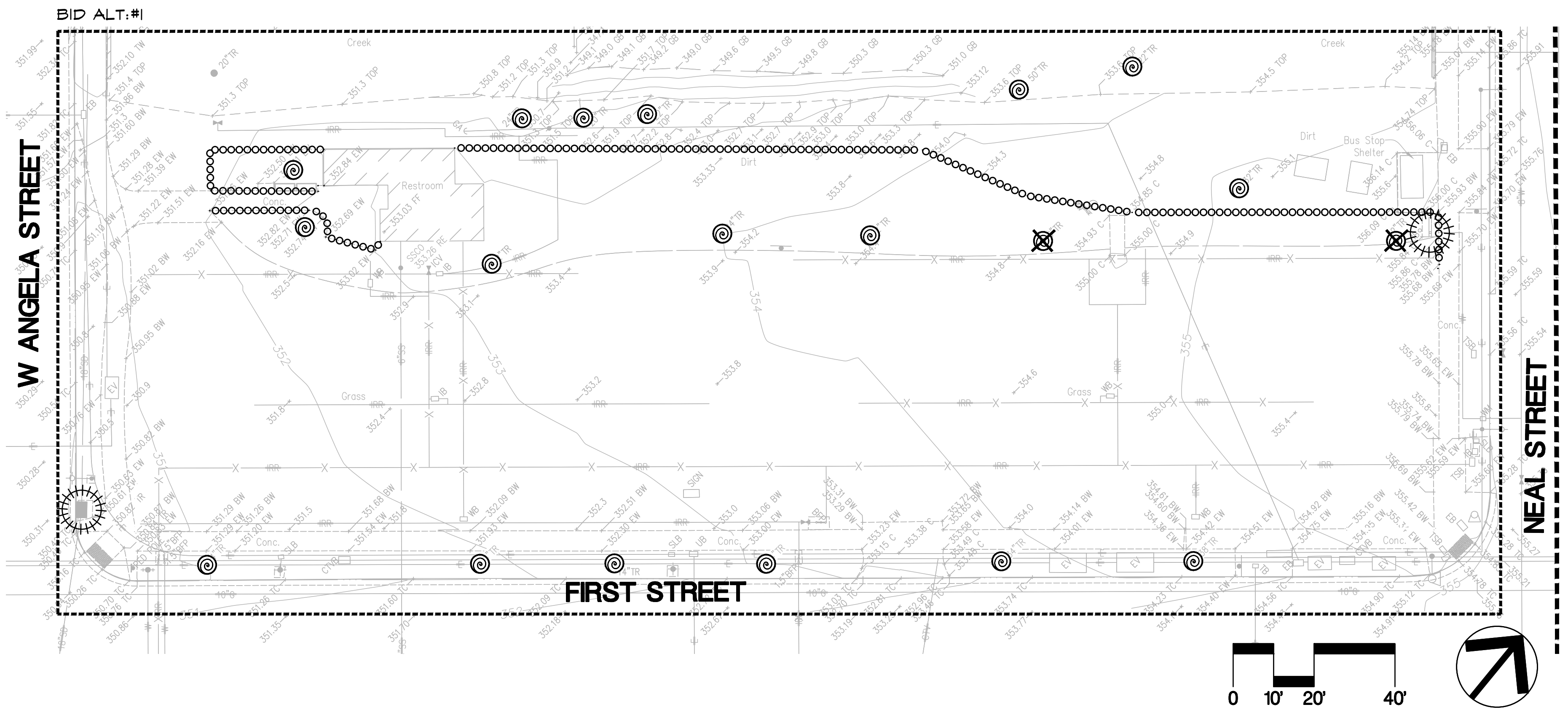


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SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
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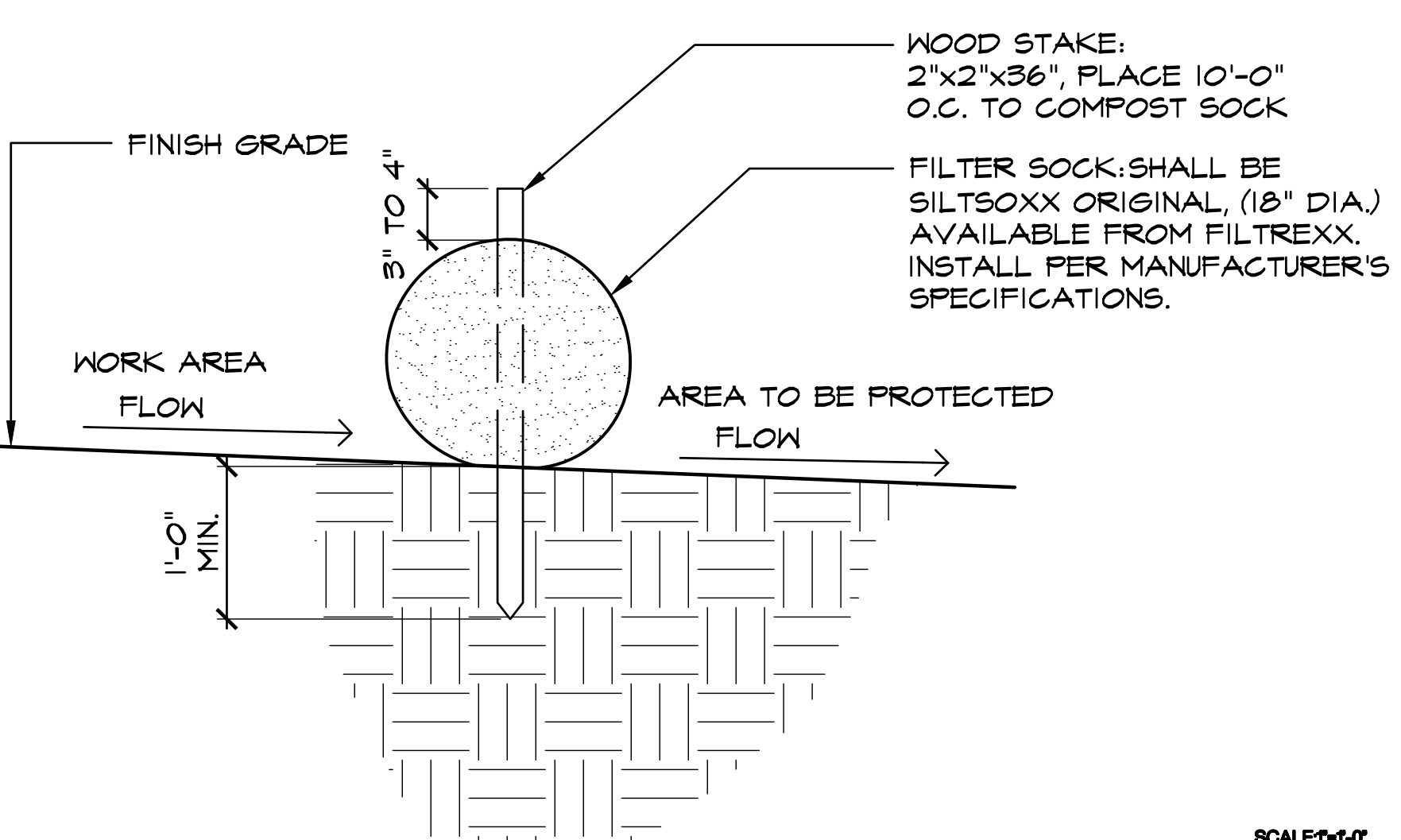
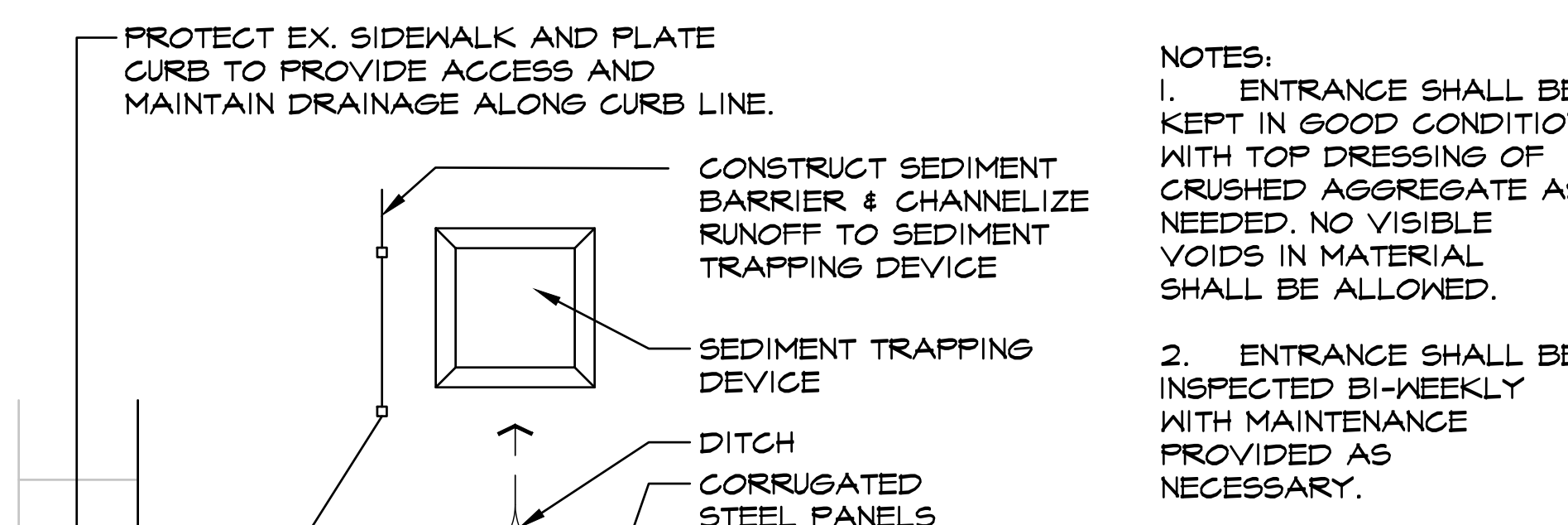
DWG NO. L2.0  
2 OF 41



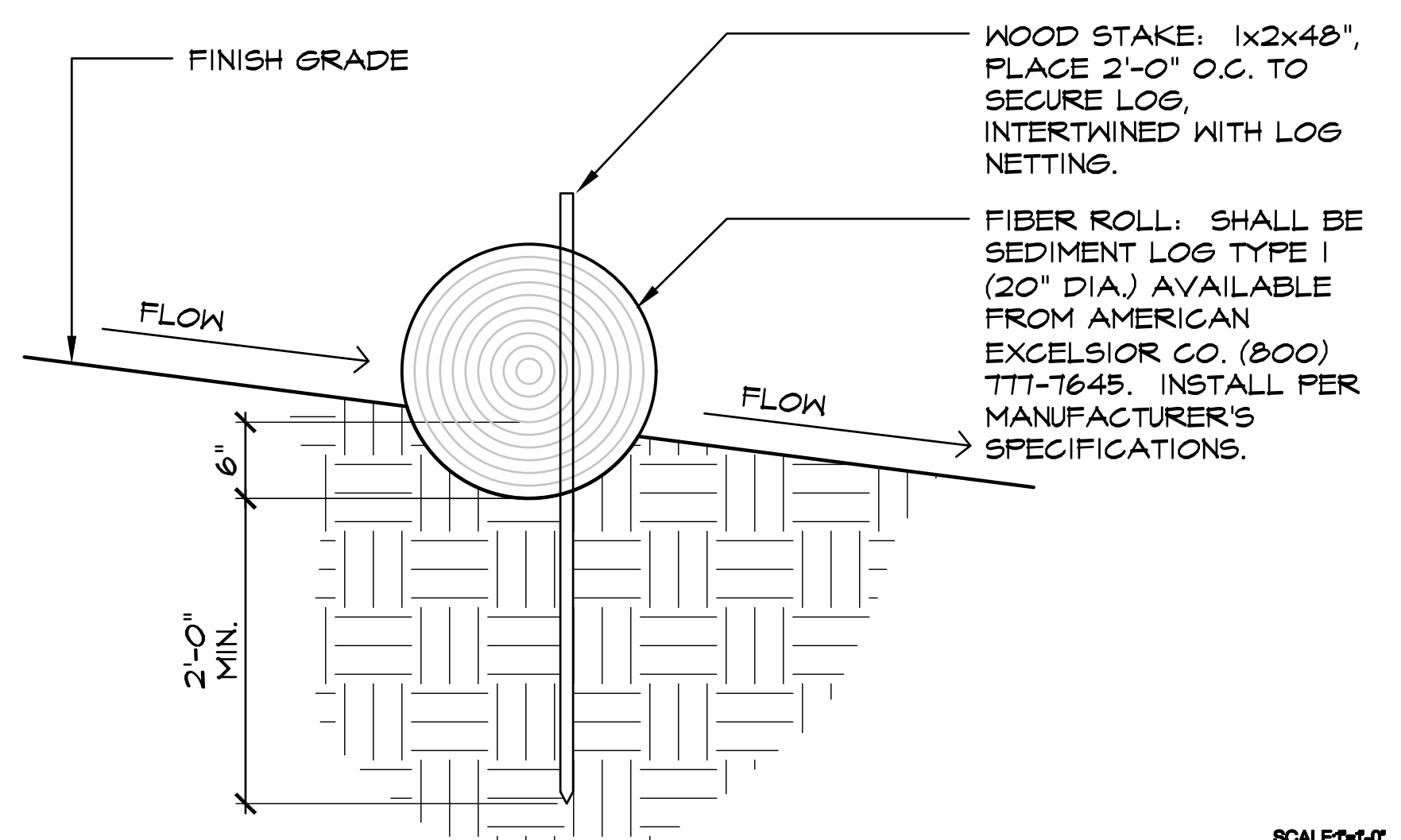


- ASSEMBLY & INSTALLATION OF FIBER ROLLS:**
- ROLL LENGTH OF EROSION CONTROL BLANKET INTO A TUBE OF MINIMUM 8 IN. DIAMETER & BIND EVERY 4 FT. & AT EACH END WITH JUTE-TYPE TWINE.
  - TURN THE ENDS OF THE FIBER ROLLS UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE FIBER ROLL.
  - STAKE FIBER ROLLS INTO A 2 TO 4 IN. DEEP TRENCH WITH A WIDTH EQUAL TO THE DIAMETER OF THE FIBER ROLL.
  - IF MORE THAN ONE FIBER ROLL IS PLACED IN A ROW, THE ROLLS SHOULD BE OVERLAPPED, NOT ABUTTED.

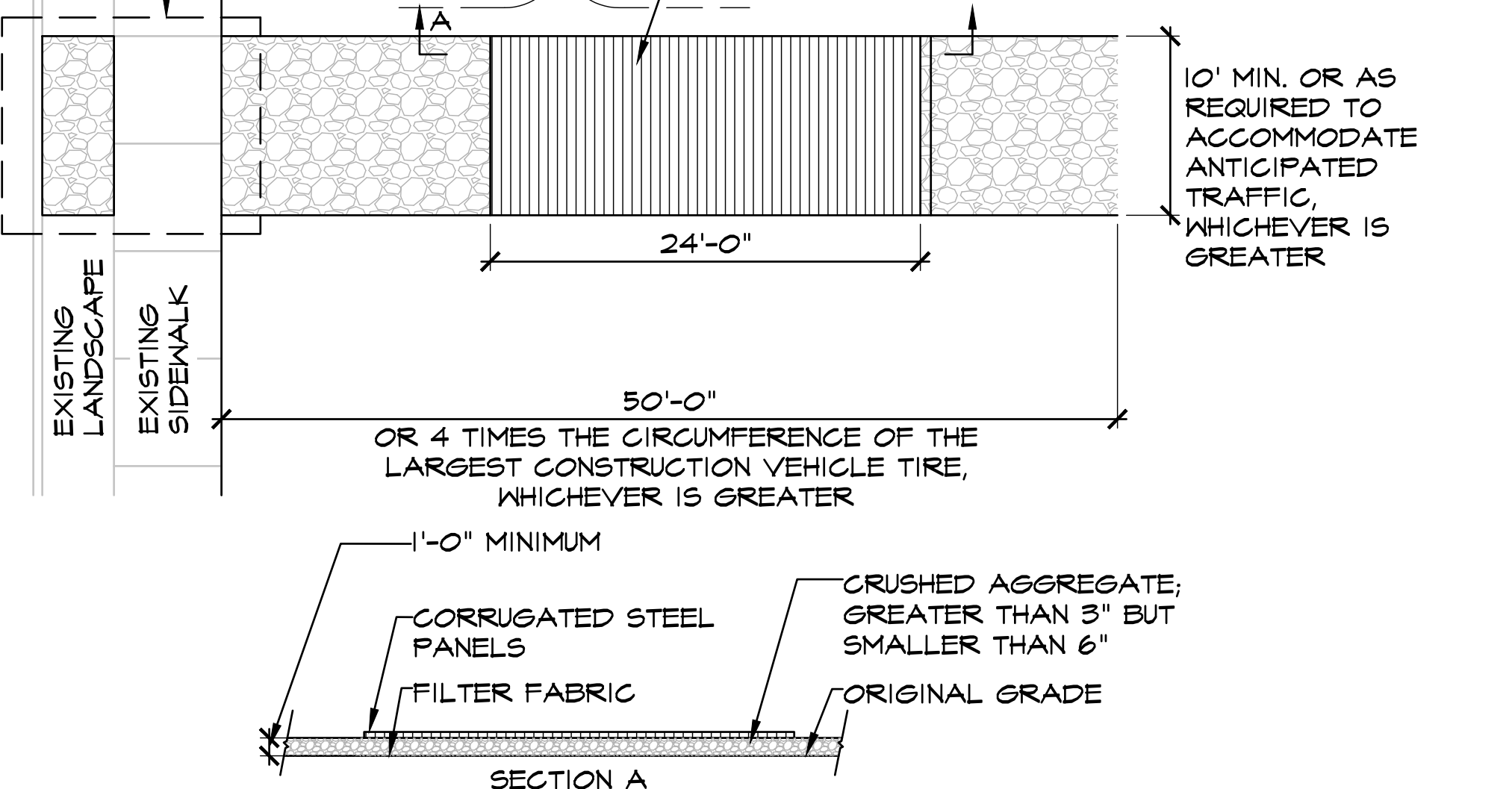
**1 L2.1 STORM DRAIN INLET PROTECTION SECTION**  
 23036 Storm Drain Inlet Protection 24.dwg



**2 L2.1 COMPOST SOCK SECTION**  
 23036 FiberRoll 12.dwg



**3 L2.1 FIBER ROLL SECTION**  
 23036 FiberRoll 12.dwg



**4 L2.1 STABILIZED CONSTRUCTION ENTRANCE SECTION**  
 23036\_StabilizedConstructionEntrance\_96.dwg

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
1/3/24		50 % Submittal
5/7/24		90 % Submittal
6/18/24		Bid Submittal

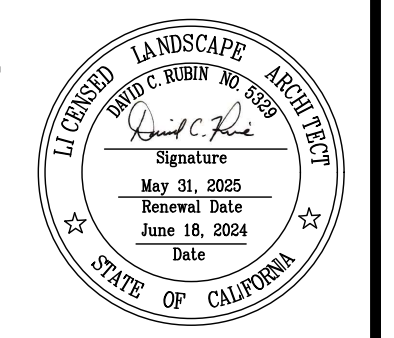
**THE CITY OF PLEASANTON**  
 CITY OF PLEASANTON  
 Department of Public Works

ADAM M. NELKIE  
 CITY ENGINEER  
 NO. 78830  
 EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
 (Project No. 06716)  
 EROSION CONTROL PLAN

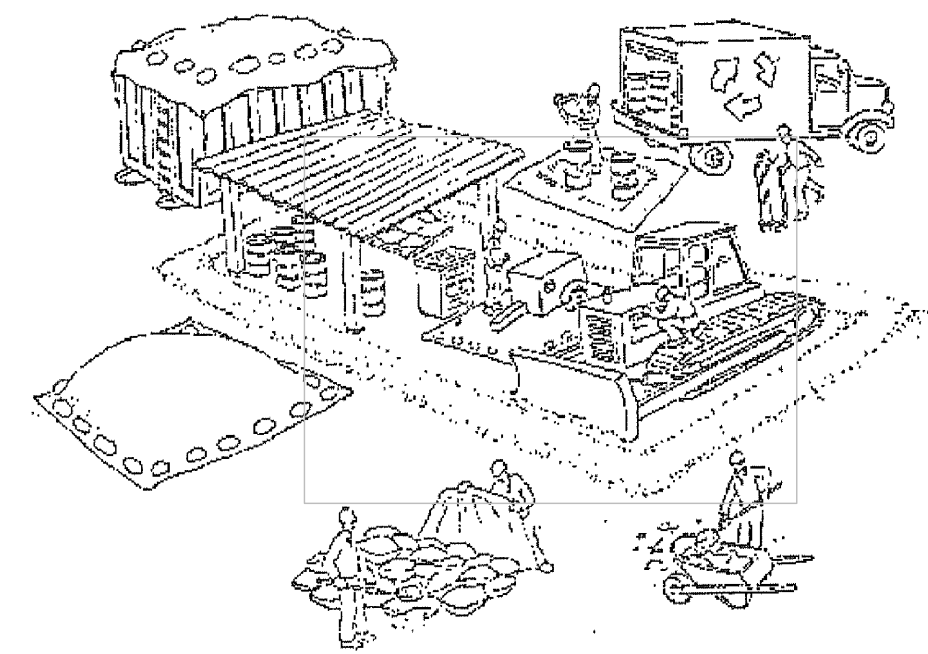
**CALA**  
 2025 Gateway Place, Suite 285  
 San Jose, CA 95110  
 408.275.0545  
 www.callanderassociates.com

DESIGN:	GH	SCALE:	AS SHOWN	DWG NO.	L2.1
DRAWN:	BN	PROJECT NO.:	CIP-06716		
CHECKED:	BW/DR	DATE:	JUNE 18, 2024		3 OF 41



SEE L2.0 FOR EROSION CONTROL LEGEND AND NOTES

# 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 are a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with the City of Pleasanton requirements. Contact the City of Pleasanton, Department of Engineering at (925) 931-5650, or for private onsite work, please contact the Building and Safety Division at (925) 931-5300.

### Materials storage & spill cleanup Non-hazardous materials management

- Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- Use (but don't overuse) reclaimed water for dust control as needed.
- Sweep 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 Ordinance for recycling construction materials, wood, gyp board, pipe, etc.
- Contact Pleasanton Garbage Service at 925-846-2042 for both recycling and debris disposal.
- Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

### Hazardous materials management

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

### Spill prevention and control

- Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain.
- Never wash spilled material into a gutter, street, storm drain, or creek!
- Report any hazardous materials spills immediately! Dial 911 or the Livermore/Pleasanton Fire Department at 925-454-2330.

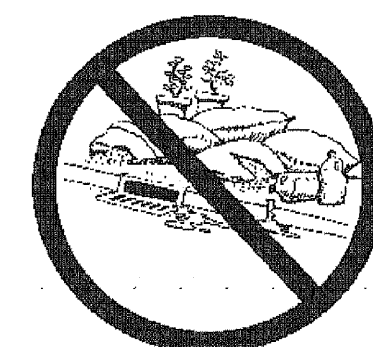
### Vehicle and equipment maintenance & cleaning

- 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 is least likely to collect in the street.
- Transfer to dump trucks should take place on the site, not in the street.
- Use fiber rolls, silt fences, or other control measures to minimize the flow of silt off the site. See the approved erosion control plan for this site.

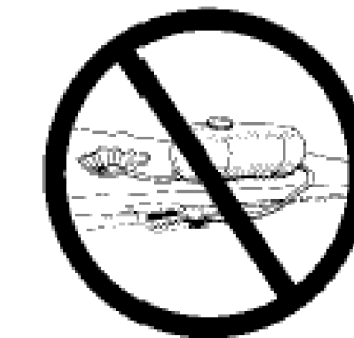


- Earth moving activities are only allowed during dry weather by permit and as approved by the City Inspector in the Field.
- Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- If you disturb a slope during construction, prevent erosion 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 Pleasanton/Livermore Fire Department at 925-454-2330 or the Regional Water Quality Control Board for help in determining what should be done, and manage disposal of contaminated soil according to their instructions.

### Dewatering operations

- Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- Be sure to call Pleasanton's storm drain source control inspector, Brian Lorimer, before discharging water to a street, gutter, or storm drain (925-931-5511). Filtration or diversion through a basin, tank, or sediment trap may be required.
- In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing 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.

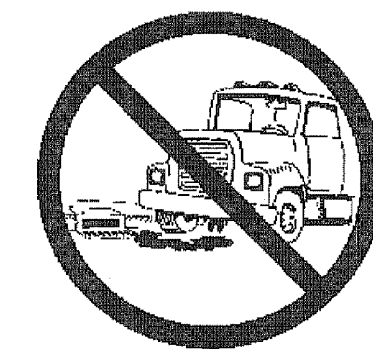
### Concrete, grout, and mortar storage & waste disposal

- Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.
- Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.



### Paving/asphalt work

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



### Painting

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



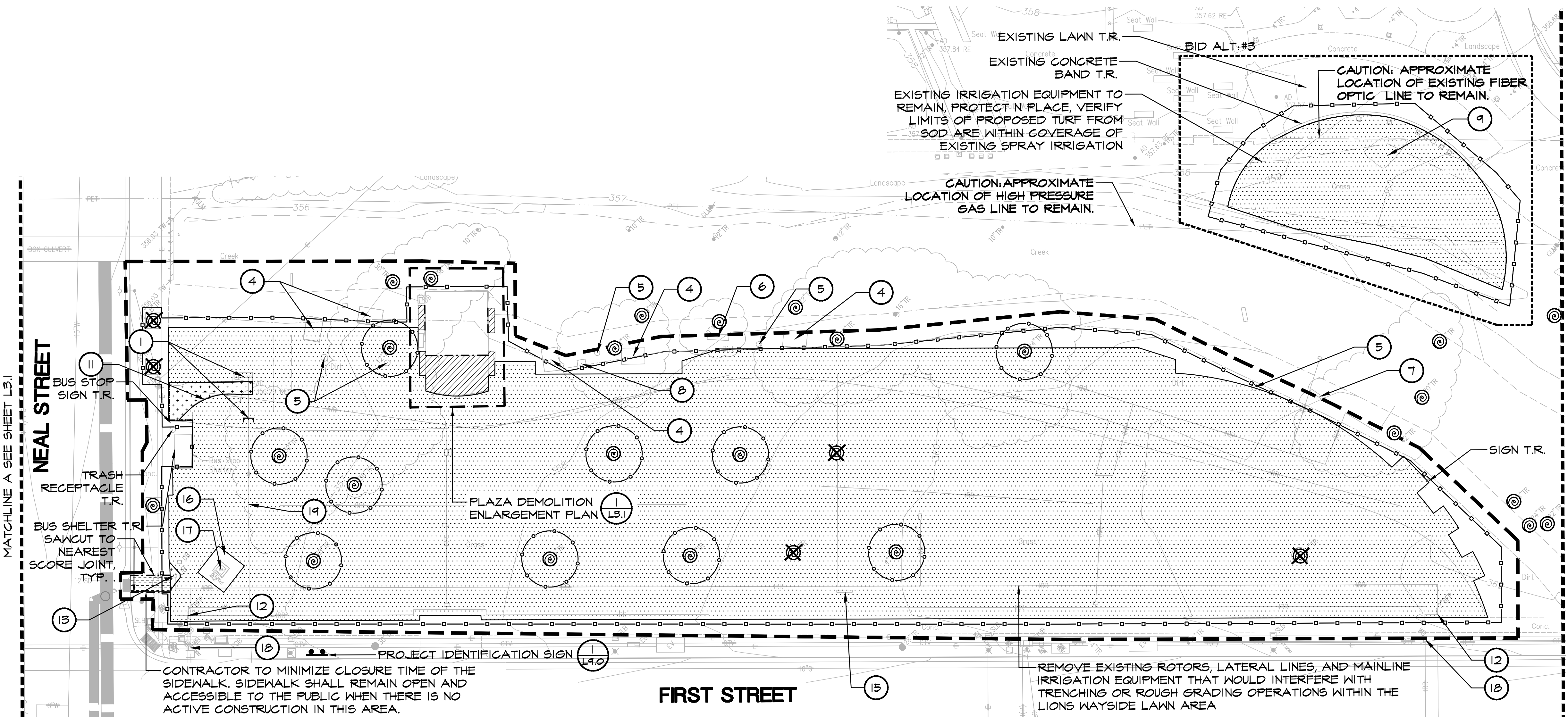
**Storm drain polluters maybe liable for fines of \$10,000 or more per day!**

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

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

## BID SUBMITTAL

REV.	DATE	DESCRIPTION	<b>CITY OF PLEASANTON</b> Department of Public Works	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	LIONS WAYSIDE & DELUCCHI PARK RENOVATION (Project No. 06716) <b>POLLUTION PREVENTION BMP</b>	2025 Gateway Place, Suite 285 San Jose, CA 95110 1.408.275.0565 <a href="http://www.callanderassociates.com">www.callanderassociates.com</a>	DESIGN:	GH	SCALE:	AS SHOWN	DWG NO.
	1/3/24	50 % Submittal					DRAWN:	BN	PROJECT NO.:	CIP-06716	L2.2
	5/7/24	90 % Submittal					CHECKED:	BW/DR	DATE:	JUNE 18, 2024	4 OF 41
	6/18/24	Bid Submittal									



**EXISTING CONDITIONS LEGEND**

- BUILDING LINE
- CONCRETE BLOCK WALL
- CONCRETE CURB
- CONCRETE CURB & GUTTER
- CONTOUR LINE-MAJOR
- CONTOUR LINE-MINOR
- DRIVEWAY
- EDGE OF PAVEMENT
- EDGE OF WATER/FLOWLINE
- ELECTRIC LINE
- FENCE LINE
- FIBER OPTICS LINE
- GAS LINE-VALVE & METER
- HANDRAIL
- PETROLEUM LINE
- SANITARY SEWER LINE-MANHOLE & CLEANOUT
- SIDEWALK
- SPOT ELEVATION
- STORM DRAIN LINE-MANHOLE & CATCH BASIN
- STORM DRAIN LINE OVER 24" DIAMETER
- TELEPHONE LINE
- CABLE TELEVISION LINE
- WATER LINE & VALVE
- ACCESSIBLE PARKING SYMBOL
- AREA DRAIN
- BACKFLOW PREVENTION DEVICE
- BENCHMARK/TEMPORARY BENCHMARK
- ELECTRIC METER
- FIRE HYDRANT
- FLAG POLE
- GUY ANCHOR
- POWER POLE/JOINT POLE
- TRANSFORMER
- TRAFFIC SIGNAL POLE
- TRAFFIC SIGN
- TREE
- UTILITY BOX
- UTILITY LINE MARKER
- WALK-BOLLARD LIGHT
- WATER VALVE

**ABBREVIATIONS**

- AD AREA DRAIN
- BC BACK OF CURB
- REG BEYOND
- BFP BACK FLOW PREVENTER
- BLRD BOLLARD
- BR BOTTOM OF RAMP
- BS BOTTOM OF STAIR
- BTM BOTTOM
- BW BACK OF WALK
- CB CATCH BASIN
- CL CENTER LINE
- CTV CABLE TV LINE
- CTVB CABLE TV BOX
- DF DRINKING FOUNTAIN
- DG DECOMPOSED GRANITE
- DI DRAIN INLET
- DR DOOR
- E EAST
- EB ELECTRIC BOX
- EC EDGE OF CONCRETE
- ED EDGE OF DRIVE
- EP EDGE OF PAVEMENT
- EV ELECTRICAL VAULT
- EW EDGE OF WALK
- FF FINISH FLOOR
- FH FIRE HYDRANT
- FIB FIBER OPTIC BOX
- FP FLAG POLE
- GA GUY ANCHOR
- GB GRADE BREAK
- GLM GAS LINE MARKER
- IB IRRIGATION BOX
- ICV IRRIGATION CONTROL VALVE
- E INVERT ELEVATION
- N NORTH
- NW NORTH WEST
- (P) PER PLAN
- P-FC PAVEMENT AT FACE OF CURB
- PED PEDESTRIAN
- PG&E PACIFIC GAS & ELECTRIC
- PP POWER POLE
- RE RIM ELEVATION
- RSR RISER
- S SOUTH
- SDM SOUTH DRAIN MANHOLE
- SE SOUTH EAST
- SLB STREET LIGHT BOX
- SSCO SANITARY SEWER CLEAN OUT
- SSMH SANITARY SEWER MANHOLE
- SW SOUTH WEST
- TEB TELEPHONE BOX
- TC TOP OF CURB
- TD TRENCH DRAIN
- TOE GRADE BREAK LINE TOE
- TOP GRADE BREAK LINE TOP
- TR TOP OF STAIR
- TS TOP OF STAIR
- TSP TRAFFIC SIGNAL BOX
- TSP TRAFFIC SIGNAL POLE
- TW TOP OF WALL
- UB UNKNOWN UTILITY BOX
- W WEST
- WB WATER BOX
- WM WATER METER

**DEMOLITION LEGEND**

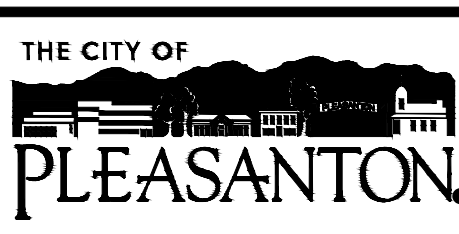
- CLEAR AND GRUB
- REMOVE AND DISPOSE OF EXISTING CONCRETE STAGE AND BASE. ASSUME 24 INCH DEPTH TOTAL.
- REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND BASE ROCK, ASSUME 9 INCH DEPTH TOTAL.
- REMOVE AND DISPOSE OF DECOMPOSED GRANITE PAVING, ASSUME 8 INCH DEPTH TOTAL
- REMOVE AND REPLACE CONCRETE PAVEMENT AND BASE ROCK, ASSUME 7 INCH DEPTH TOTAL
- TREE TO BE REMOVED
- EXISTING TREE TO REMAIN
- REMOVE AND DISPOSE OF ITEM
- REMOVE AND DISPOSE OF 3' TALL WROUGHT IRON FENCE AND HANDRAILS
- SAWCUT
- TEMPORARY CONSTRUCTION FENCE
- TREE PROTECTION FENCE
- CUT AND CAP
- 10 FOOT SETBACK FROM TOP OF BANK
- LIMIT OF WORK
- T.R. TO REMAIN

**DISPOSITION ITEMS**

- 1 REMOVE EXISTING DRINKING FOUNTAIN, CONCRETE PAD AND BASE. CUT AND CAP SERVICE LINE AT STREET, SEE IRRIGATION PLAN. DISPOSE OF PAD AND BASE AND RETURN FOUNTAIN TO CITY.
- 2 REMOVE EXISTING IRRIGATION CONTROLLER AT RESTROOM. CONNECT CONTROL WIRE TO NEW IRRIGATION CONTROLLER LOCATION, SEE IRRIGATION PLAN.
- 3 REMOVE AND DISPOSE OF EXISTING FESTOON LIGHT POLES, TYP. OF 6
- 4 EXISTING PICNIC TABLES TO BE SALVAGED AND REINSTALLED, SEE SITE CONSTRUCTION PLAN
- 5 REMOVE AND DISPOSE OF EXISTING TRASH RECEPTACLES AND ASSOCIATED FOOTINGS
- 6 EXISTING BENCH WITH PLAQUE TO BE SALVAGED AND REINSTALLED, SEE SITE CONSTRUCTION PLAN
- 7 REMOVE AND DISPOSE OF EXISTING BENCH AND ASSOCIATED FOOTINGS
- 8 EXISTING BBQ TO BE SALVAGED AND REINSTALLED, SEE SITE CONSTRUCTION PLAN. DISPOSE OF ASSOCIATED FOOTINGS
- 9 PUBLIC ART PIECE T.R. PROTECT IN PLACE
- 10 EXISTING PLAQUE (CHAN HENDERSON) TO BE REMOVED AND REINSTALLED, SEE SITE CONSTRUCTION PLAN
- 11 REMOVE AND DISPOSE OF BOLLARD AND ASSOCIATED FOOTINGS, TYP. QTY OF 3
- 12 BACKFLOW PREVENTER T.R.
- 13 REMOVE AND DISPOSE OF EXISTING IRRIGATION CONTROLLER AND CONCRETE PAD, SEE IRRIGATION PLAN FOR NEW CONTROLLER LOCATION
- 14 REMOVE AND SALVAGE DRINKING FOUNTAIN. RELOCATE TO LIONS WAYSIDE PARK, SEE SITE CONSTRUCTION PLAN. DISPOSE OF CONCRETE PAD AND BASE. CUT AND CAP SERVICE LINE, SEE IRRIGATION PLAN
- 15 PARK SIGN T.R. PROTECT IN PLACE
- 16 CONCRETE PAD T.R.
- 17 FLAG POLE T.R.
- 18 EXISTING WATER METER T.R.
- 19 POTABLE WATER LINE T.R.
- 20 EXISTING ELECTRICAL METER PEDESTAL T.R.
- 21 EXISTING PLAQUE (LION SHORTY FULLER) T.R.

**BID SUBMITTAL**

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	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

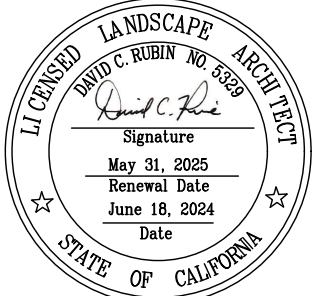
**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)  
**DEMOLITION PLAN**

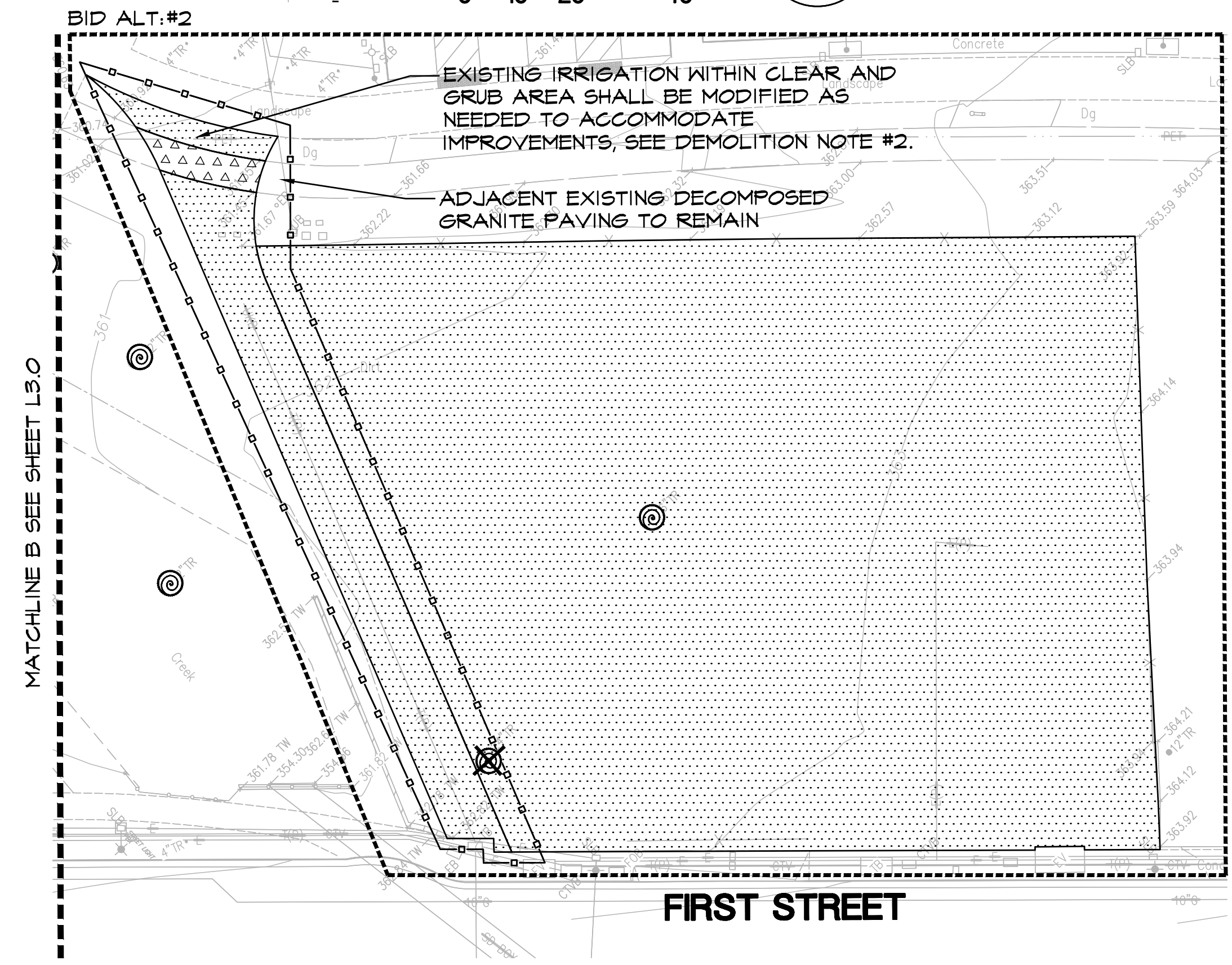
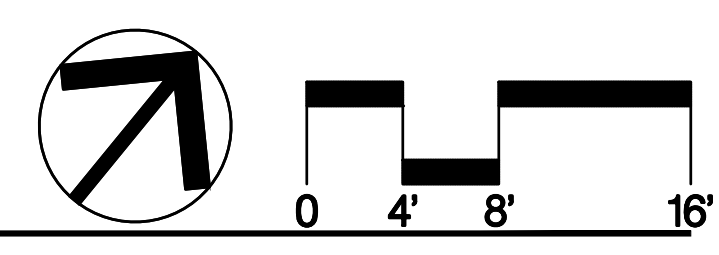
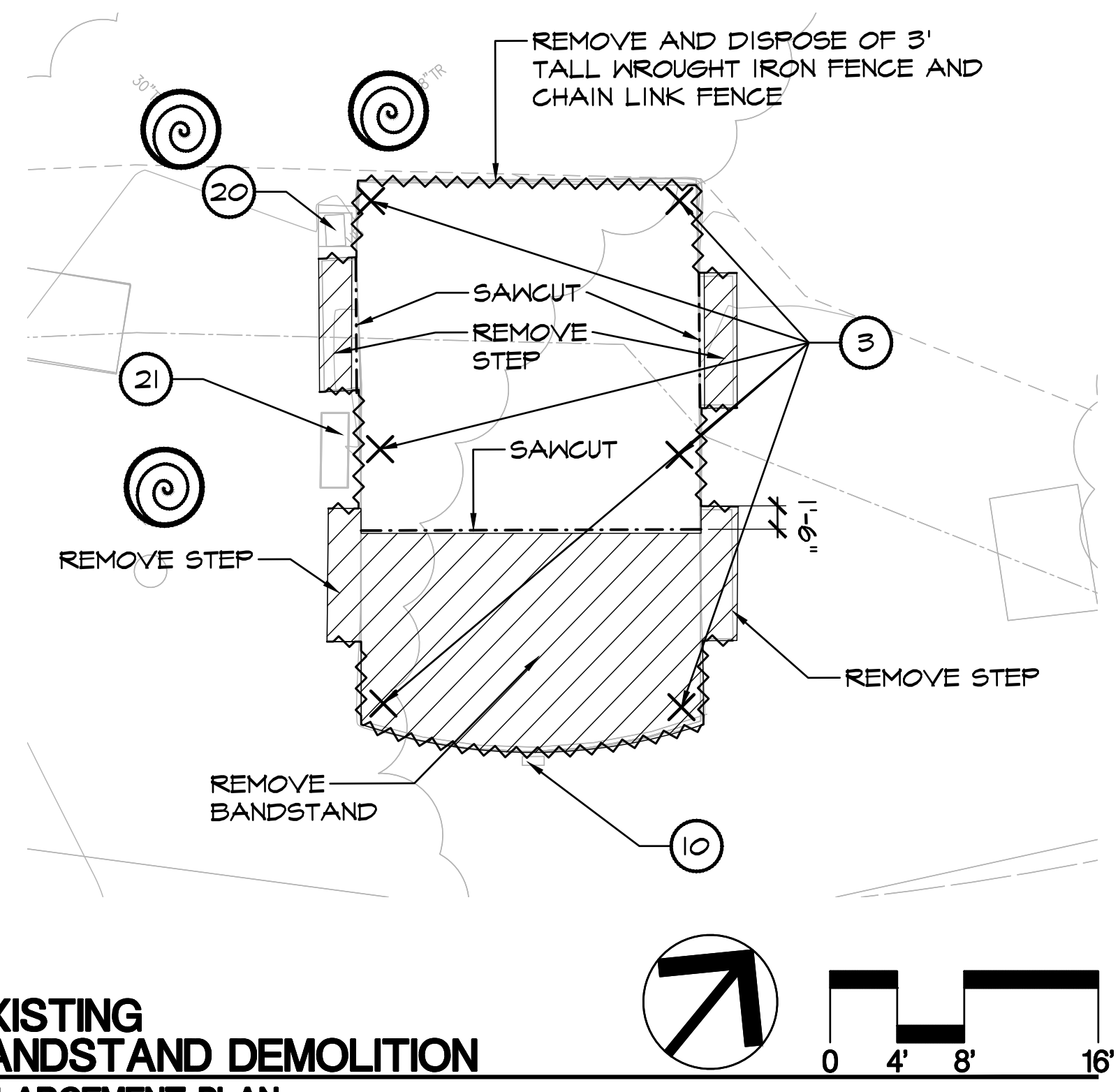
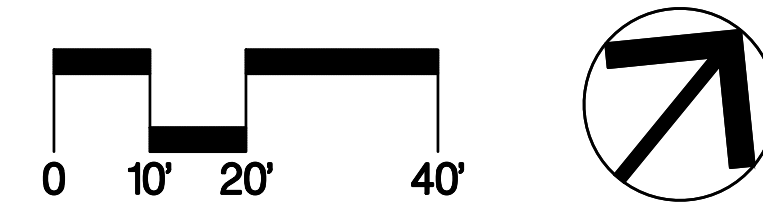
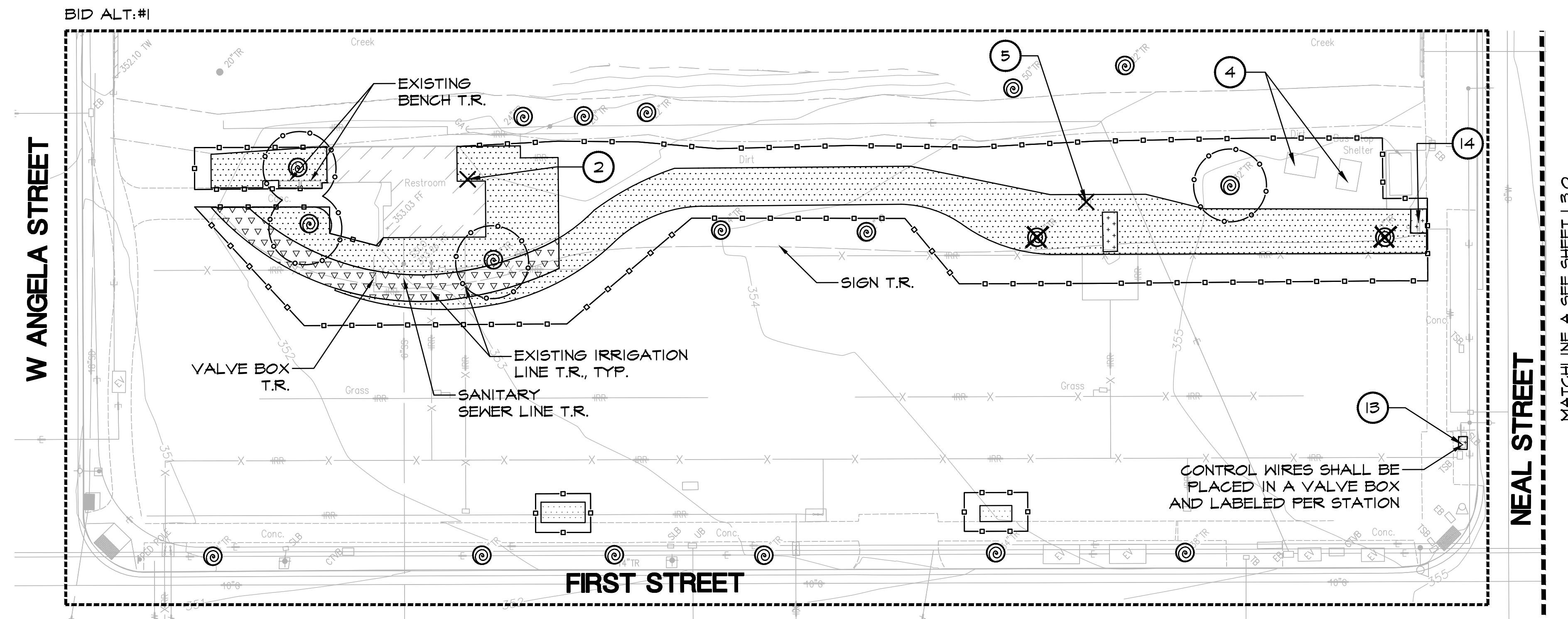


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SCALE: AS SHOWN  
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DWG NO. L3.0  
5 OF 41



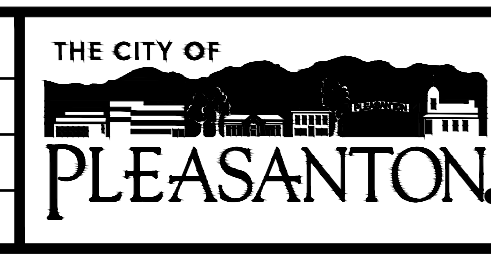


**1 L3.1**  
**EXISTING BANDSTAND DEMOLITION ENLARGEMENT PLAN**

**SEE L3.0 FOR DEMOLITION LEGEND AND DISPOSITION ITEMS**

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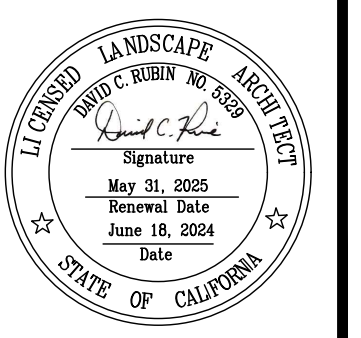
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**DEMOLITION PLAN**



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**DEMOLITION NOTES**

1. **CLEAR AND GRUB:** CLEAR AND GRUB ALL EXISTING VEGETATION, UNLESS OTHERWISE INDICATED, AS REQUIRED FOR THE SITE CONSTRUCTION, IRRIGATION, AND PLANTING OPERATIONS. LIMITS OF CLEARING SHALL BE REVIEWED WITH OWNER PRIOR TO COMMENCEMENT OF WORK. STRIP ALL ORGANIC MATTER TO A SUFFICIENT DEPTH TO COMPLETELY REMOVE SUCH MATERIAL.

REVIEW DEMOLITION, AND CLEARING AND GRUBBING REQUIREMENTS ON SITE WITH CITY'S REPRESENTATIVE PRIOR TO COMMENCING DEMOLITION OPERATIONS.

ALL DEMOLITION OPERATIONS WITHIN THE DRIP LINE OF TREES SHALL CONFORM TO GENERAL REQUIREMENTS, SHEET L1.0.

EXISTING SITE FURNISHINGS AND IRRIGATION EQUIPMENT TO BE REMOVED SHALL BE RETURNED TO CITY.

2. **IRRIGATION EQUIPMENT:** PROTECT ALL VISIBLE EXISTING IRRIGATION EQUIPMENT AND ANY BELOW-GRADE COMPONENTS DURING TRENCHING AND/OR ROUGH GRADING OPERATIONS, UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR SHALL REQUEST AN INSPECTION PRIOR TO BEGINNING WORK, WITH FIVE (5) WORKING DAYS MINIMUM NOTICE. CONTRACTOR SHALL REVIEW THE OPERATION AND LOCATION OF EXISTING IRRIGATION COMPONENTS WITH CITY STAFF PRESENT. CONTRACTOR SHALL OPERATE EACH STATION AT THE SITE TO DOCUMENT THE CONDITION OF EXISTING IRRIGATION EQUIPMENT. DAMAGE TO IRRIGATION EQUIPMENT CAUSED BY THE CONTRACTOR'S ACTIVITIES SUBSEQUENT TO THIS REVIEW SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.

3. **SAWCUTTING:** ALL PAVEMENT AND CURB REMOVAL AS SHOWN ON THE PLAN SHALL BE ACCOMPLISHED BY SAWCUTTING.

SAWCUTS SHALL BE NEAT AND CLEAN AND SHALL PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING FEATURES. SAWCUTS SHALL BE MADE AT THE NEAREST EXISTING JOINT.

4. **CONSTRUCTION DAMAGE:** CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED TO EXISTING PAVEMENT AND LANDSCAPE TO REMAIN. DAMAGED PAVEMENT SHALL BE REMOVED AND REPLACED AT THE NEAREST EXISTING JOINTS. CONTRACTOR SHALL PROVIDE VIDEO DOCUMENTATION OF EXISTING PAVING AND LANDSCAPE CONDITION PRIOR TO START OF CONSTRUCTION. THE PHOTOGRAPHIC DOCUMENTATION WILL BE USED TO EVALUATE POST CONSTRUCTION PAVING AND LANDSCAPE CONDITION. DAMAGE TO EXISTING PAVEMENT AND LANDSCAPE CAUSED BY THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.

5. **PUBLIC ACCESS:** CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE PUBLIC ACCESS THROUGHOUT ALL PUBLIC RIGHT-OF-WAYS, INCLUDING, BUT NOT LIMITED, SIDEWALKS AND TRAVEL LANES ALONG STREETS AND DRIVE AISLES IN PARKING LOTS THROUGHOUT CONSTRUCTION. DURING REQUIRED CLOSURES OF PUBLIC RIGHT-OF-WAYS, CONTRACTOR MUST INSTALL TRAFFIC CONTROL DEVICES AND SIGNAGE TO PROVIDE TEMPORARY ACCESS DURING CONSTRUCTION. PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL REVIEW THE TRAFFIC CONTROL PLAN PREPARED BY THE CONTRACTOR WITH THE CITY ENGINEER. STAGING AREAS AND CONSTRUCTION FENCING ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY AND SHALL BE LOCATED TO AVOID CONFLICT WITH EXISTING IMPROVEMENTS AND PUBLIC TRAVEL WAYS. SEE SPECIFICATIONS FOR TRAFFIC CONTROL PLAN REQUIREMENTS.

**TREE PROTECTION NOTES**

1. **PROJECT STARTUP:** PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL MEET ON-SITE WITH THE CITY TO REVIEW ALL WORK PROCEDURES, ACCESS ROUTES, STORAGE AREAS, AND TREE PROTECTION MEASURES.

2. **TREE PROTECTION ZONE:** THE TREE PROTECTION ZONE (TPZ) SHALL BE REGARDED AS THE AREA BENEATH A TREE'S CANOPY. THERE SHALL BE NO DUMPING, WASHING OUT, OR STORAGE OF EQUIPMENT OR MATERIALS WITHIN THE TPZ OF ANY TREE.

3. **TREE PROTECTION FENCING:** TREE PROTECTION ZONES SHALL BE FENCED ACCORDING TO THE PLANS. FENCING SHALL BE ERECTED PRIOR TO ANY DEMOLITION OR CONSTRUCTION ON SITE AND SHALL NOT BE REMOVED OR MODIFIED BEFORE PROJECT COMPLETION WITHOUT AUTHORIZATION FROM THE CITY.

3.1. TREE PROTECTION MEASURES SHALL NOT BE MODIFIED TO FACILITATE CONSTRUCTION ACTIVITIES, EXCEPT WITH PRIOR REVIEW AND APPROVAL BY THE CITY.

4. **DEMOLITION:** ALL EXISTING, UNUSED LINES OR PIPES BENEATH THE CANOPIES OF RETAINED TREES SHALL BE ABANDONED OR CUT OFF AT EXISTING SOIL GRADE.

5. **MAINTENANCE DURING CONSTRUCTION:** APPLY A THREE INCH LAYER OF ARBOR MULCH WITHIN THE TPZ. WHERE IRRIGATION IS TURNED OFF OR MODIFIED BECAUSE OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE HEALTH OF THE EXISTING TREES AND PREVENTING DROUGHT STRESS. FROM JUNE UNTIL REGULAR RAINFALL RESUMES, IRRIGATE MONTHLY TO MAINTAIN SOIL MOISTURE TO A DEPTH OF 24 TO 30 INCHES.

5.1. ANY ACCUMULATED CONSTRUCTION DUST ON LIMBS OR FOLIAGE IS TO BE REMOVED WITH WATER PERIODICALLY OR AS DIRECTED BY THE CITY.

6. **TRENCHING AND GRADING:** THERE SHALL BE NO TRENCHING OR GRADING WITHIN THE TPZ EXCEPT WITH PRIOR APPROVAL OF THE CITY. WHERE TRENCHING HAS BEEN APPROVED, FOLLOW THE PROCEDURE OUTLINED IN ITEM (7) BELOW. ANY EQUIPMENT USED SHALL BE OPERATED OUTSIDE THE TPZ.

6.1. ALL UTILITIES, BOXES, METERS, VAULTS AND SERVICES ARE TO BE ROUTED BEYOND THE TPZ UNLESS SPECIFICALLY NOTED ON PLANS TO ROUTE WITHIN TPZ.

6.2. ANY GRADE CHANGES OUTSIDE THE TPZ SHALL NOT SIGNIFICANTLY ALTER DRAINAGE TO OR FROM THE TREE. NO GRADING SHALL OCCUR WITHIN THE TPZ. IF GRADING CONFLICTS ARISE, NOTIFY THE PROJECT ARBORIST PRIOR TO COMMENCING ADJACENT GRADING OPERATIONS.

7. **ROOT CUTTING:** PRIOR TO EXCAVATING WITHIN A TPZ, A TRENCH SHALL BE DUG ALONG THE EDGE OF THE EXCAVATION CLOSEST TO THE TREE TRUNK. THIS TRENCH SHALL BE DUG BY HAND OR WITH AN AIR SPADE TO A DEPTH OF 30 INCHES, AND SHALL BE OF A SUFFICIENT WIDTH TO MANUALLY SEVER ANY ROOTS ENCOUNTERED 2" OR GREATER IN DIAMETER. CUTS SHALL BE MADE PERPENDICULAR TO THE DIRECTION OF THE ROOT'S GROWTH, USING A CLEAN HAND SAW. AFTER ROOTS ARE CLEANLY SEVERED, EXCAVATION EQUIPMENT MAY BE USED AS REQUIRED ON THE SIDE OF THE TRENCH FARTHEST FROM THE TREE.

7.1. WITHIN ONE HOUR, CUT OR EXPOSED ROOTS SHALL BE COVERED WITH MOIST SOIL OR WITH BURLAP THAT IS KEPT WET UNTIL THE EXCAVATION CAN BE BACK-FILLED AND WATERED THOROUGHLY.

8. **SOIL PREPARATION:** NO RIPPING OR ROTOTILLING SHALL OCCUR WITHIN THE TPZ, UNLESS APPROVED BY THE CITY.

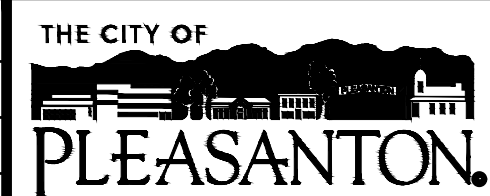
9. **PLANTING AND IRRIGATION:** NO PLANTING OR IRRIGATION SHALL BE INSTALLED WITHIN 6 FEET OF TREE TRUNKS. MULCH SHALL NOT BE PLACED DIRECTLY AGAINST TRUNKS.

10. **PRUNING:** AT NO TIME SHALL TREE LIMBS BE CUT BY CONSTRUCTION PERSONNEL. NO PRUNING SHALL TAKE PLACE EXCEPT AS DIRECTED BY THE CITY. WORK MUST BE PERFORMED BY A CERTIFIED ARBORIST IN ACCORDANCE WITH THE ISA TREE PRUNING GUIDELINES.

11. **DAMAGE:** THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGE TO EXISTING TREES, I.E. TRUNK WOUNDS, BROKEN LIMBS, POURING OF ANY DELETERIOUS MATERIALS, OR CONCRETE WASHOUT UNDER THE DRIPLINE OF THE TREES. DAMAGES WILL BE ASSESSED USING THE "GUIDE TO PLANT APPRAISAL" 9TH EDITION, PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE. ANY DAMAGE OR INJURY TO TREES DURING CONSTRUCTION SHALL BE REPORTED TO THE CITY IMMEDIATELY SO THAT REMEDIAL ACTION CAN BE TAKEN.

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**CITY OF PLEASANTON**  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
DEMOLITION NOTES

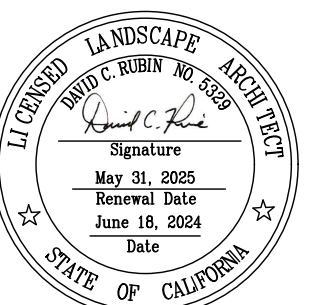


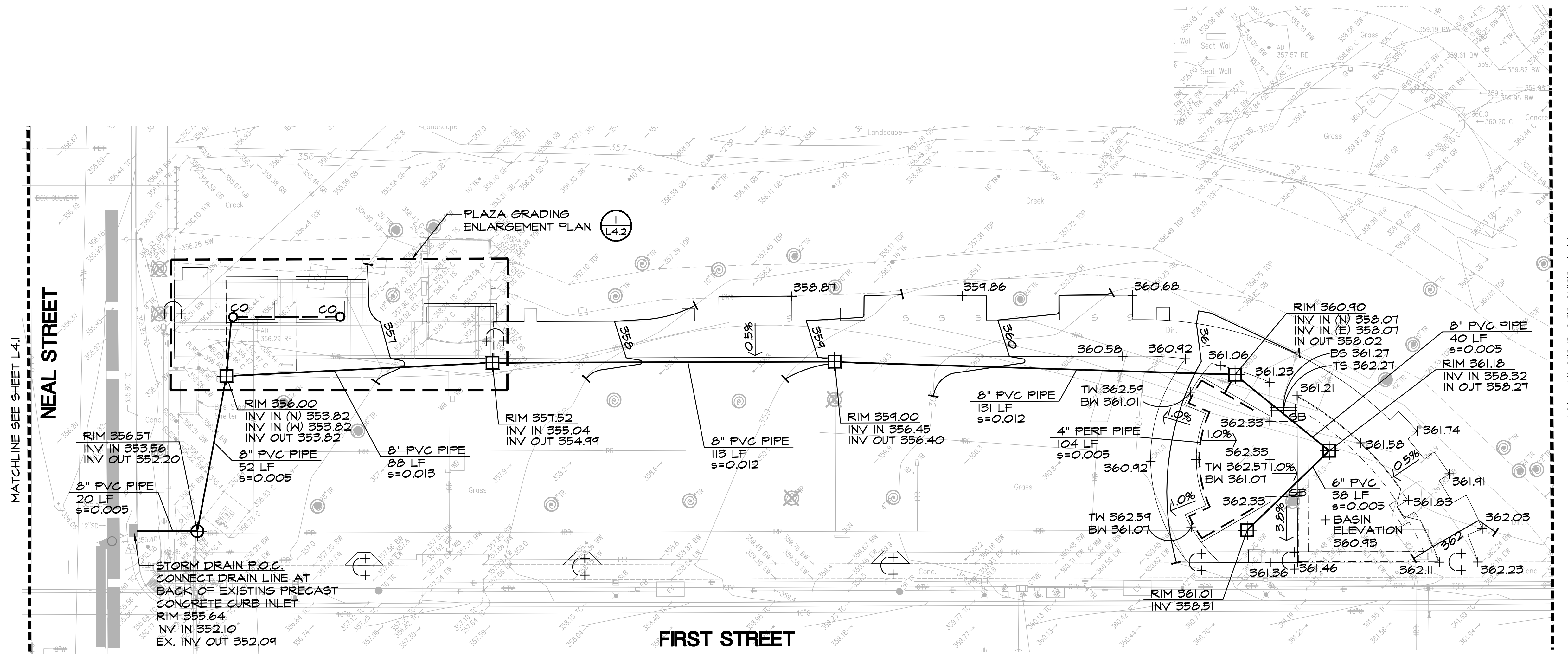
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SCALE:	AS SHOWN
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DWG NO.	L3.2
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**SEE L3.0 FOR DEMOLITION LEGEND AND DISPOSITION ITEMS**





**GRADING AND DRAINAGE LEGEND**

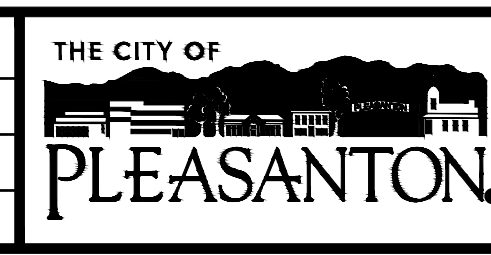
- PROPOSED CONTOUR: 1'-0" INTERVAL TYP. (EXISTING CONTOURS ARE SCREENED ON PLAN)
- PROPOSED SPOT ELEVATION (EXISTING SPOT ELEVATIONS ARE SCREENED ON PLAN)
- CATCH BASIN (2/14.0)
- JUNCTION BOX (2/14.0)
- CLEAN OUT (4/14.0)
- SELF-RETAINING AREA (2/14.5)
- SOLID DRAINLINE (5/14.0)
- PERFORATED DRAINLINE
- DIRECTION AND PERCENT SLOPE OF SHEET DRAINAGE
- GRADE BREAK
- RIM XXX.XX RIM ELEVATION AT PROPOSED DRAINAGE STRUCTURE  
INV XXX.XX INVERT ELEVATION AT PROPOSED DRAINAGE STRUCTURE
- FLUSH CONDITION
- BENCHMARK
- TOP OF STAIR
- BOTTOM OF STAIR
- TOP OF WALL
- BOTTOM OF WALL

**GRADING AND DRAINAGE NOTES**

1. **GRADING AND DRAINAGE:** ALL PROPOSED PAVING, CURBS, WALLS, AND PLANTING AREAS SHALL SMOOTHLY CONFORM TO EXISTING ADJACENT FEATURES TO REMAIN. PROVIDE POSITIVE DRAINAGE ON ALL PAVING AND THROUGHOUT ALL PLANTING AREAS. CONTRACTOR SHALL FLOOD PAVED AREAS UPON COMPLETION AND RECONSTRUCT ANY LOW SPOTS AS DIRECTED. PAVING SHALL HAVE A RUNNING SLOPE OF 4.9% MAXIMUM WITH A CROSS SLOPE OF 1% MINIMUM TO 2% MAXIMUM UNLESS OTHERWISE SHOWN ON PLANS.
2. **TOPSOIL STOCKPILE:** STRIP AND STOCKPILE NATIVE TOPSOIL IN AN AMOUNT SUFFICIENT TO INSTALL A 6" LAYER OF TOPSOIL IN ALL PROPOSED PLANTING AREAS. NO SOIL SHALL BE STOCKPILED FROM BENEATH EXISTING PAVED AREAS TO BE REMOVED PRIOR TO INDEPENDENT LAB VERIFICATION THAT NO HERBICIDE IS PRESENT. STOCKPILE LOCATION(S) TO BE DETERMINED DURING CONSTRUCTION.
3. **SUBSOIL:** IF HERBICIDE IS PRESENT, TWELVE INCHES OF SUBSOIL SHALL BE REMOVED FROM ALL EXISTING PAVED AREAS TO BE REMOVED WHERE NEW PLANTING OR LAWN AREA ARE SHOWN.
4. **TOPSOIL PLACEMENT:** CROSS-RIP ALL ROUGH-GRADED PLANTING AREA SUBSOILS AS SPECIFIED PRIOR TO TOPSOIL PLACEMENT.
5. **BACKFILL:** EXCAVATED MATERIAL NOT SUITABLE FOR BACKFILLING SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE.
6. **CUT/FILL VOLUME:** TOTAL VOLUME OF CUT: 395 CUBIC YARDS. TOTAL VOLUME OF FILL: 5 CUBIC YARDS. TOTAL NET CUT: 390 CUBIC YARDS. CONTRACTOR TO CONSTRUCT IMPROVEMENTS TO THE FINISH GRADES SHOWN, MAKING PROPER ALLOWANCES FOR PAVEMENT SECTIONS. SOIL OFF-HAUL IS ANTICIPATED AND SHALL BE BID LUMP SUM. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKEOFFS BASED ON PLANS. EXPORTATION AND IMPORTATION OF SOIL, WHICH MAY BE NECESSARY TO MEET THE GRADES SHOWN ON THIS PLAN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PART OF THIS CONTRACT.

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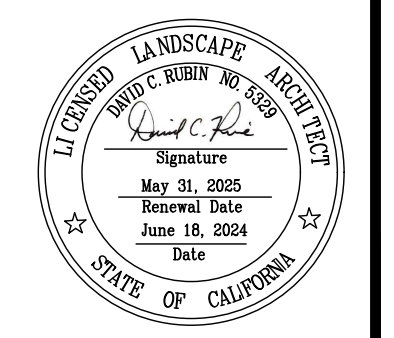
**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)  
**GRADING AND DRAINAGE PLAN**



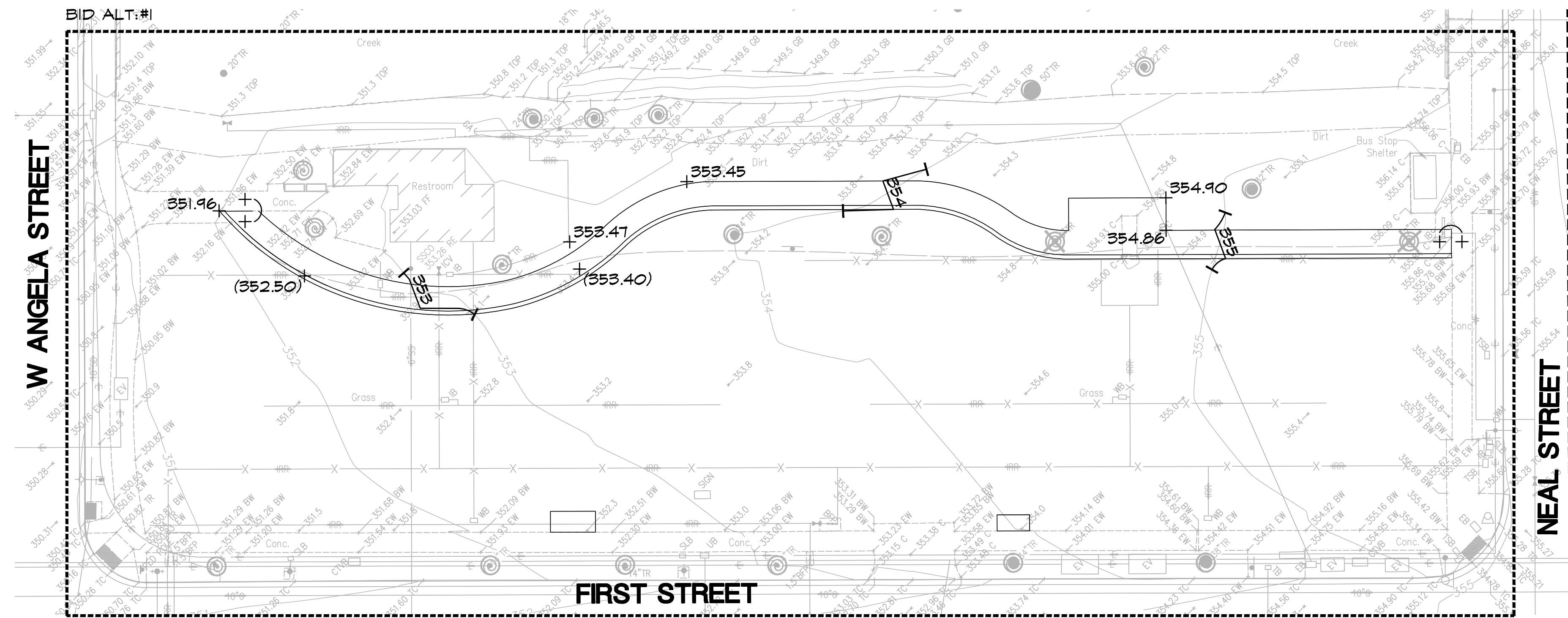
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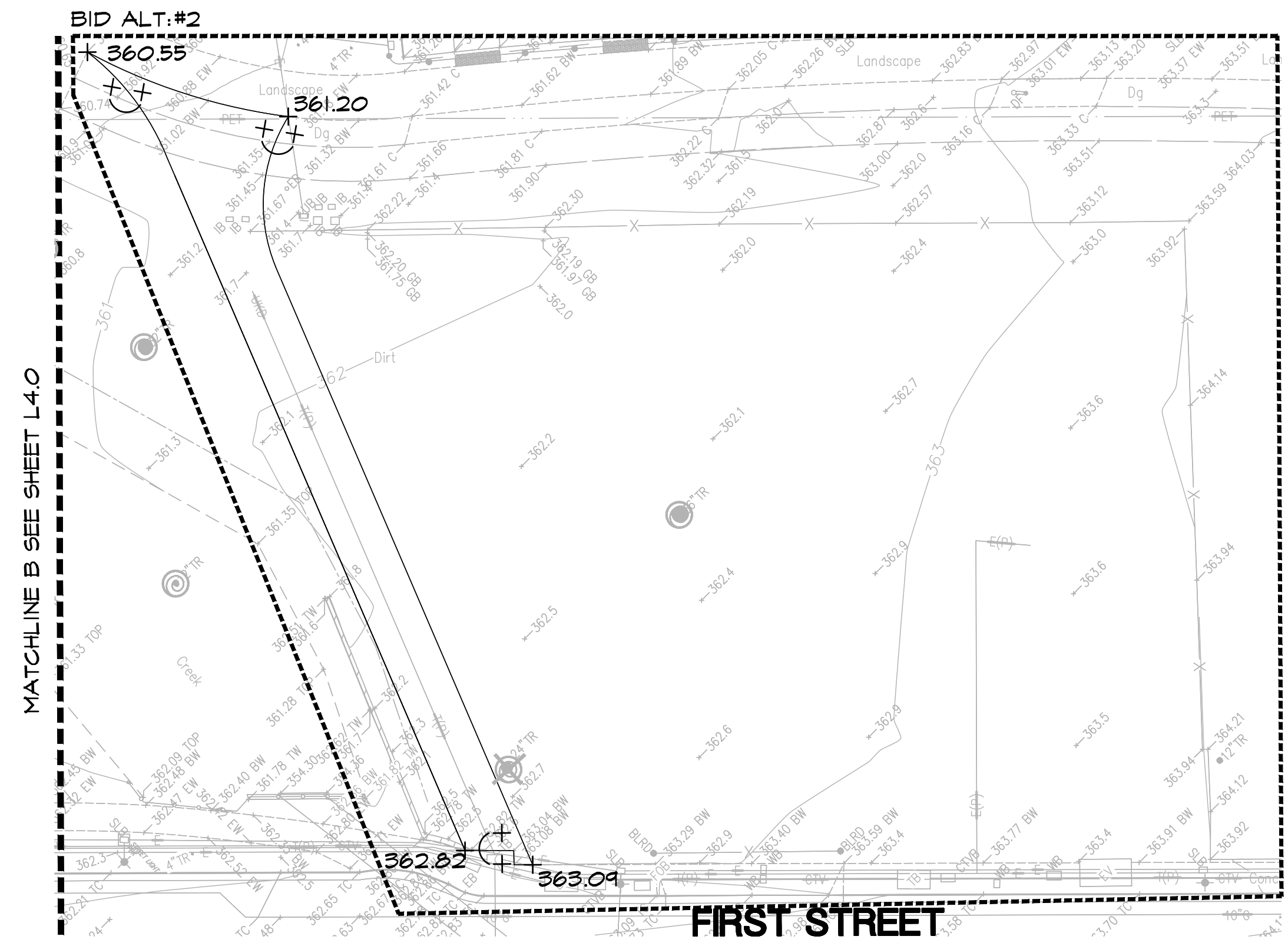
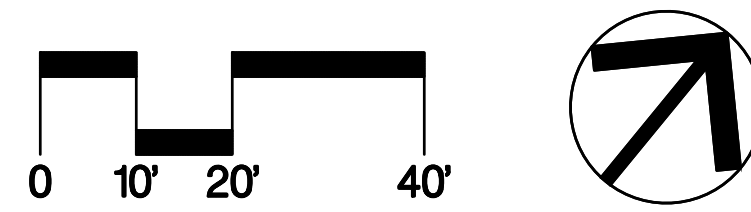
DWG NO. L4.0  
8 OF 41







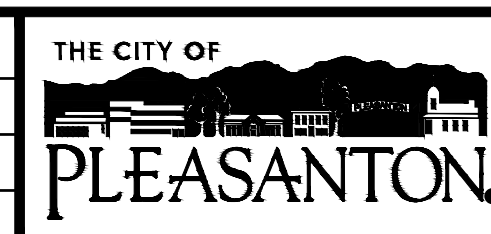
MATCHLINE SEE SHEET L4.0



MATCHLINE B SEE SHEET L4.0

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
1/3/24		50 % Submittal
5/7/24		90 % Submittal
6/18/24		Bid Submittal



**CITY OF PLEASANTON**  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

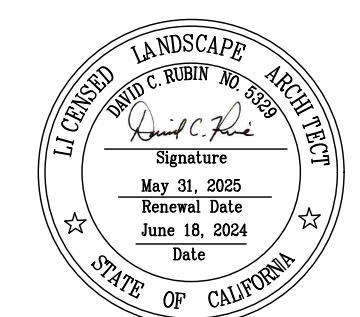
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
GRADING AND DRAINAGE PLAN



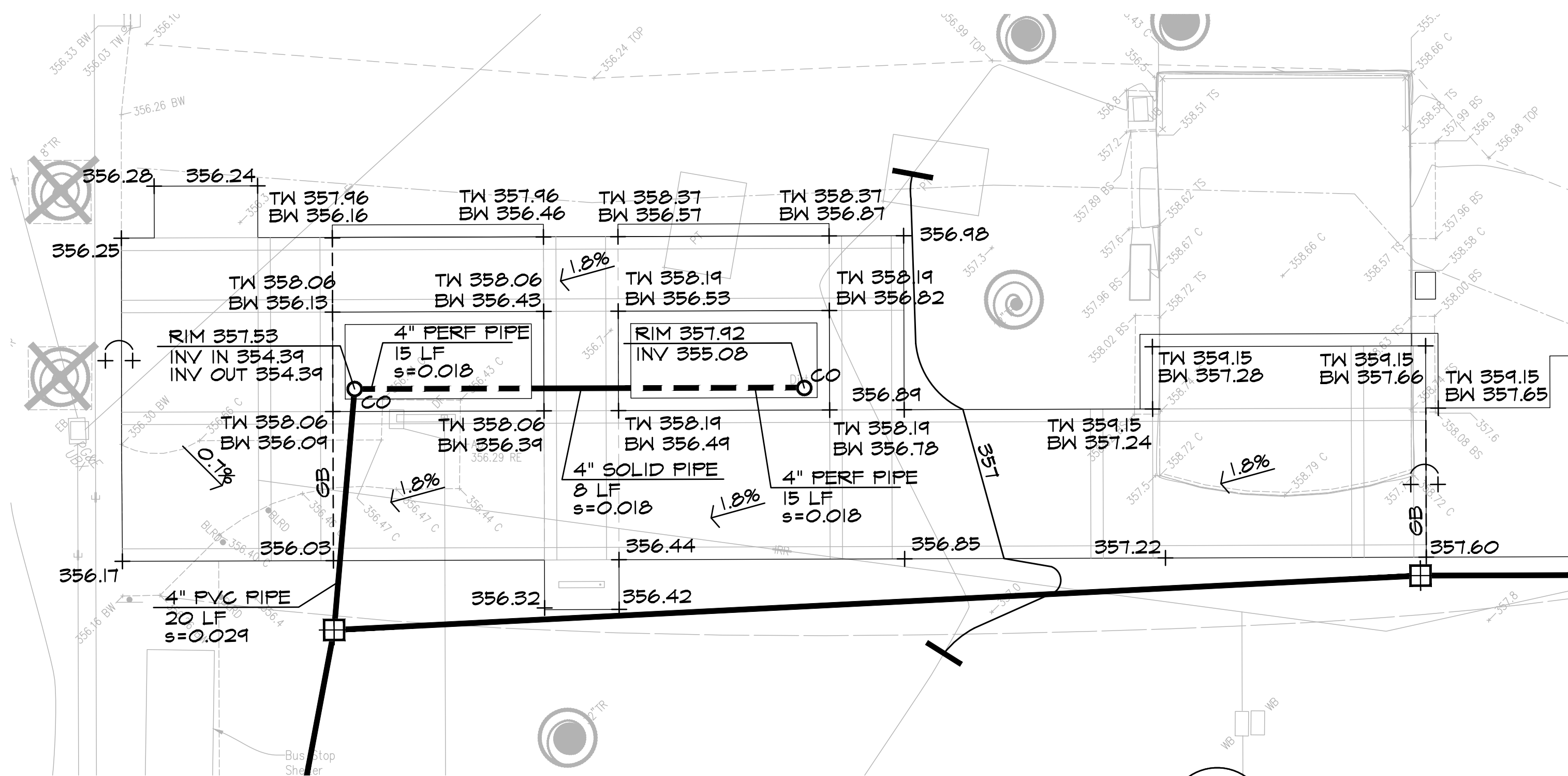
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SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

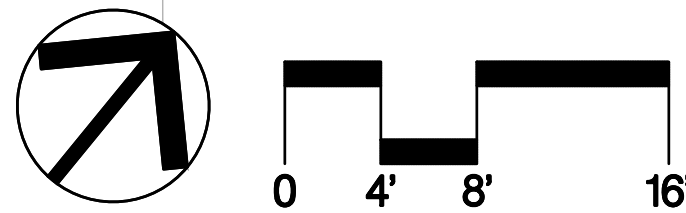
DWG NO. L4.1  
9 OF 41



SEE L4.0 FOR GRADING AND DRAINAGE LEGEND

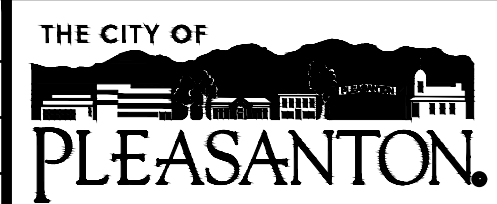


**1** PLAZA GRADING  
**L4.2** ENLARGEMENT PLAN



**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
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ADAM M. NELKIE  
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 NO. 78830  
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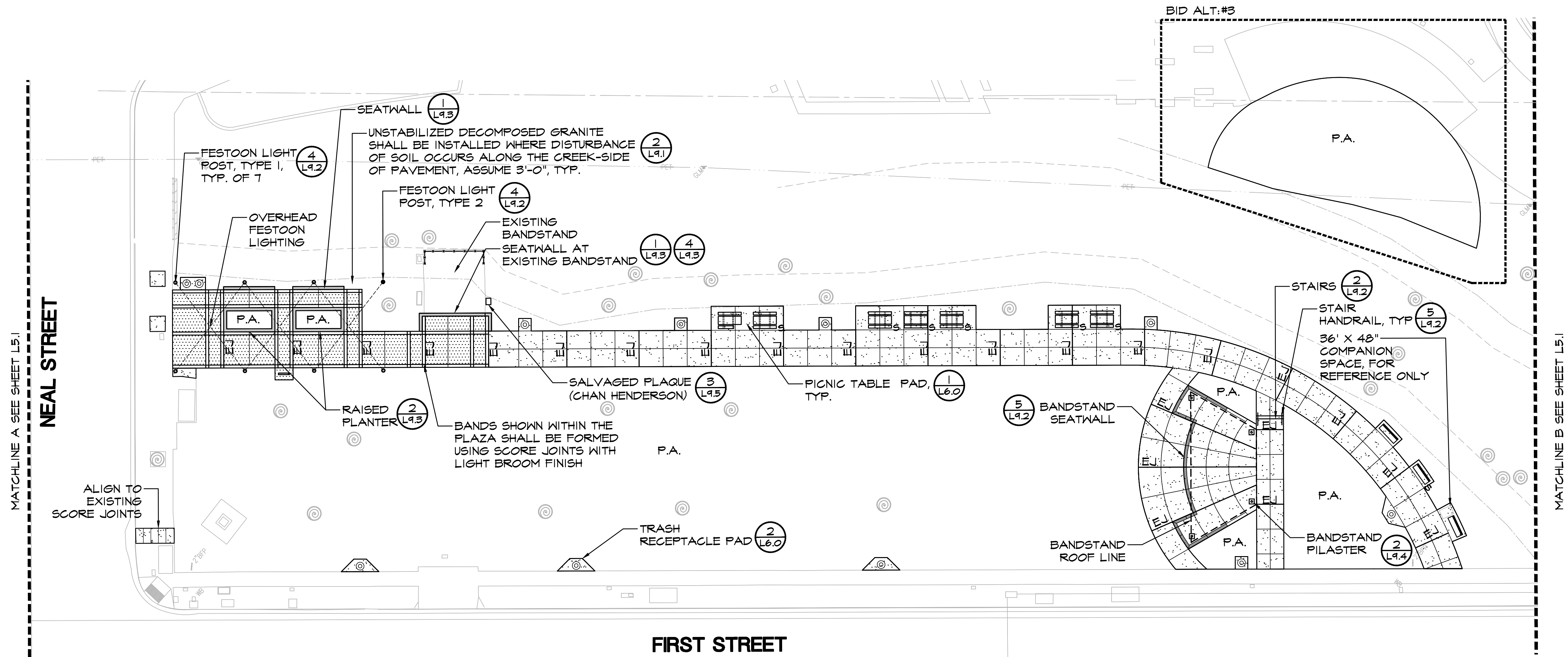
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
 (Project No. 06716)  
 GRADING AND DRAINAGE PLAN



DESIGN:	GH
DRAWN:	BN
CHECKED:	BW/DR

SCALE:	AS SHOWN
PROJECT NO.:	CIP-06716
DATE:	JUNE 18, 2024

DWG NO.	L4.2
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**SITE CONSTRUCTION LEGEND**

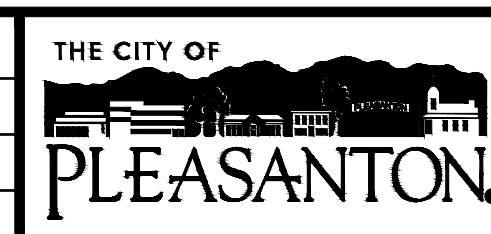
	CONCRETE PAVING, LIGHT BROOM FINISH		ORNAMENTAL METAL FENCE (5) L9.3
	EXPANSION JOINT, TYP. (3) L9.1 (4) L9.1		SALVAGED PICNIC TABLE
	CONCRETE PAVING, MEDIUM SANDBLAST FINISH (3) L9.1		ADA PICNIC TABLE
	STABILIZED DECOMPOSED GRANITE PAVING (5) L9.1		BENCH
	BASE BID: NO IMPROVEMENTS		SALVAGED BENCH WITH PLAQUE
	BID ALT #2: MULCH, PER SPECS		BACKLESS BENCH
	HDR (1) L9.2		SALVAGED DRINKING FOUNTAIN (1) L9.1
	CONCRETE BAND (6) L9.1		TRASH RECEPTACLE
	BANDSTAND SEATWALL (5) L9.2		PLANTING AREA
	FESTOON LIGHT POST, TYPE 1 (4) L9.2		RETAINED PLAQUE (LION SHORTY FULLER)
	FESTOON LIGHT POST, TYPE 2 (4) E6.1		SALVAGED PLAQUE (CHAN HENDERSON)
			ALIGN

**SITE CONSTRUCTION NOTES**

- DIMENSIONS:** ALL WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS. ALL DIMENSIONS ARE TO FACE OF CURB OR WALL, EDGE OF CONCRETE FLATWORK/MONOBAND, OR CENTERLINE OF FENCE.
- EXPANSION JOINTS:** INSTALL EXPANSION JOINTS AS SHOWN ON DRAWINGS, AS WELL AS BETWEEN CONCRETE FLATWORK AND WALLS, CURBS, AND EXISTING FLATWORK OR STRUCTURES.
- SLEEVING:** REFER TO IRRIGATION PLAN FOR REQUIREMENTS OF SLEEVING UNDER PAVEMENT.
- PROJECT STAKING:** ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD FOR REVIEW BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS.

**BID SUBMITTAL**

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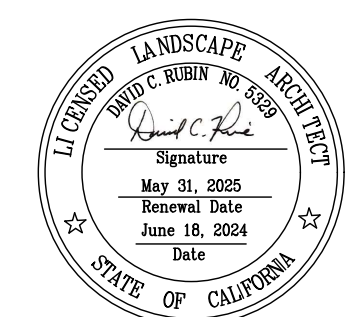
**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)  
**SITE CONSTRUCTION PLAN**

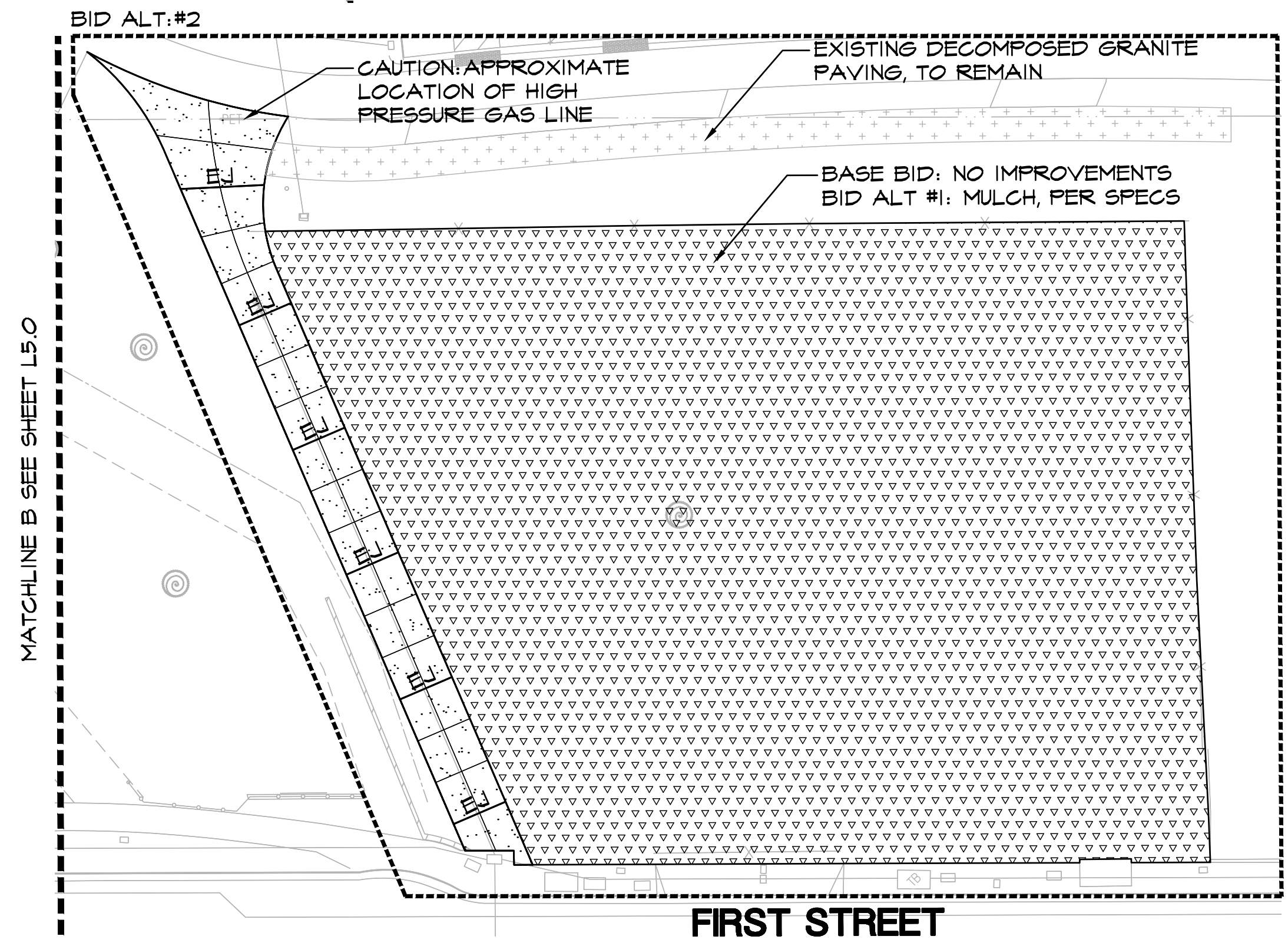
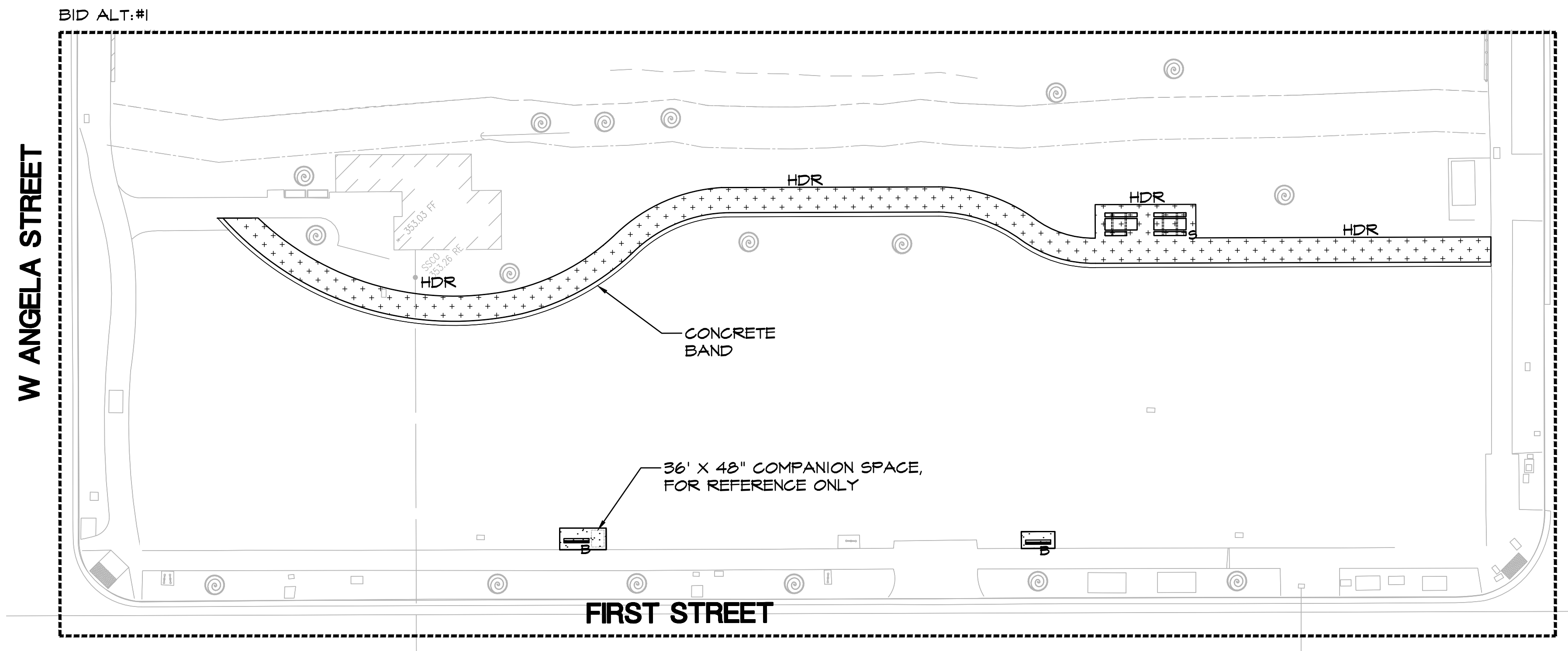


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SCALE:	AS SHOWN
PROJECT NO.:	CIP-06716
DATE:	JUNE 18, 2024

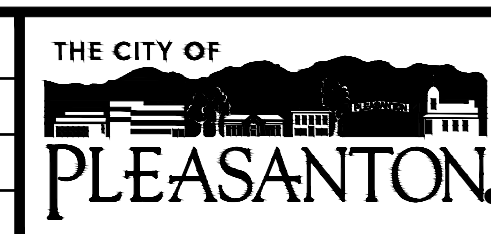
DWG NO.	L5.0
11 OF 41	





**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



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NO. 78830  
EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
SITE CONSTRUCTION PLAN



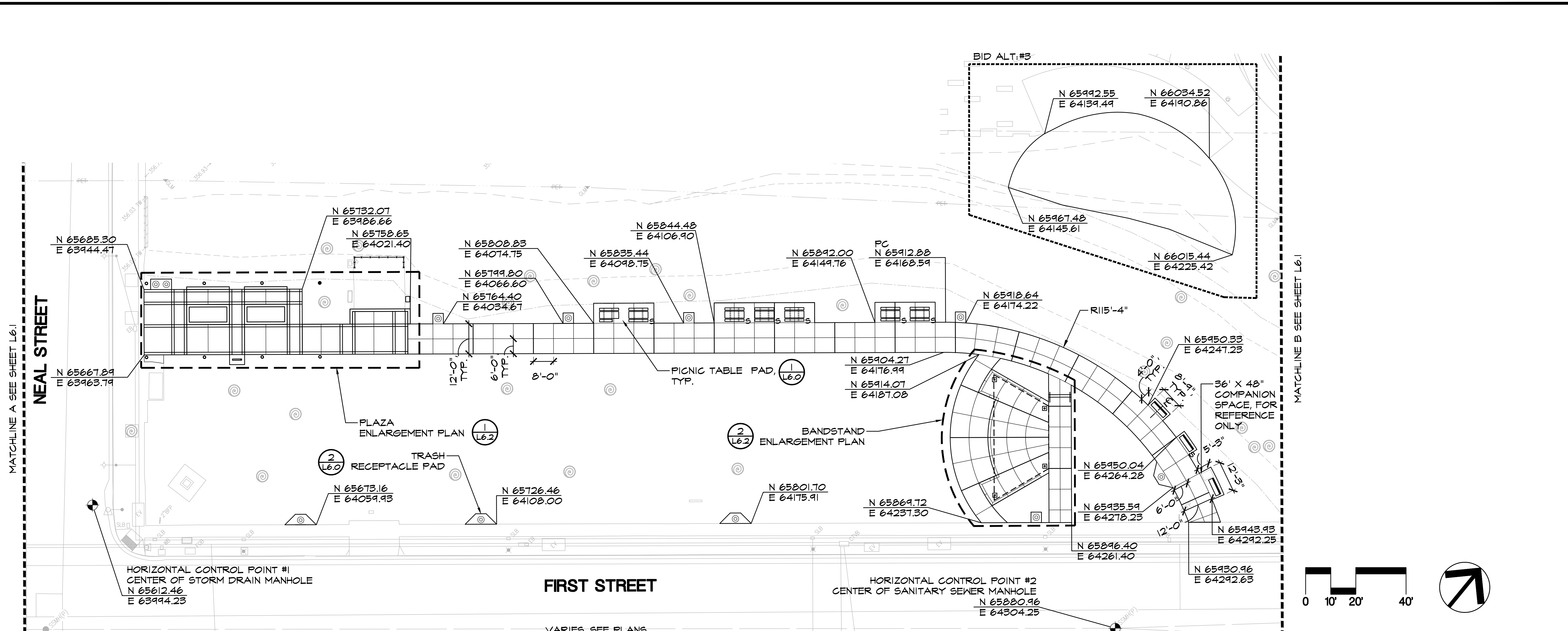
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SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

DWG NO. L5.1  
12 OF 41

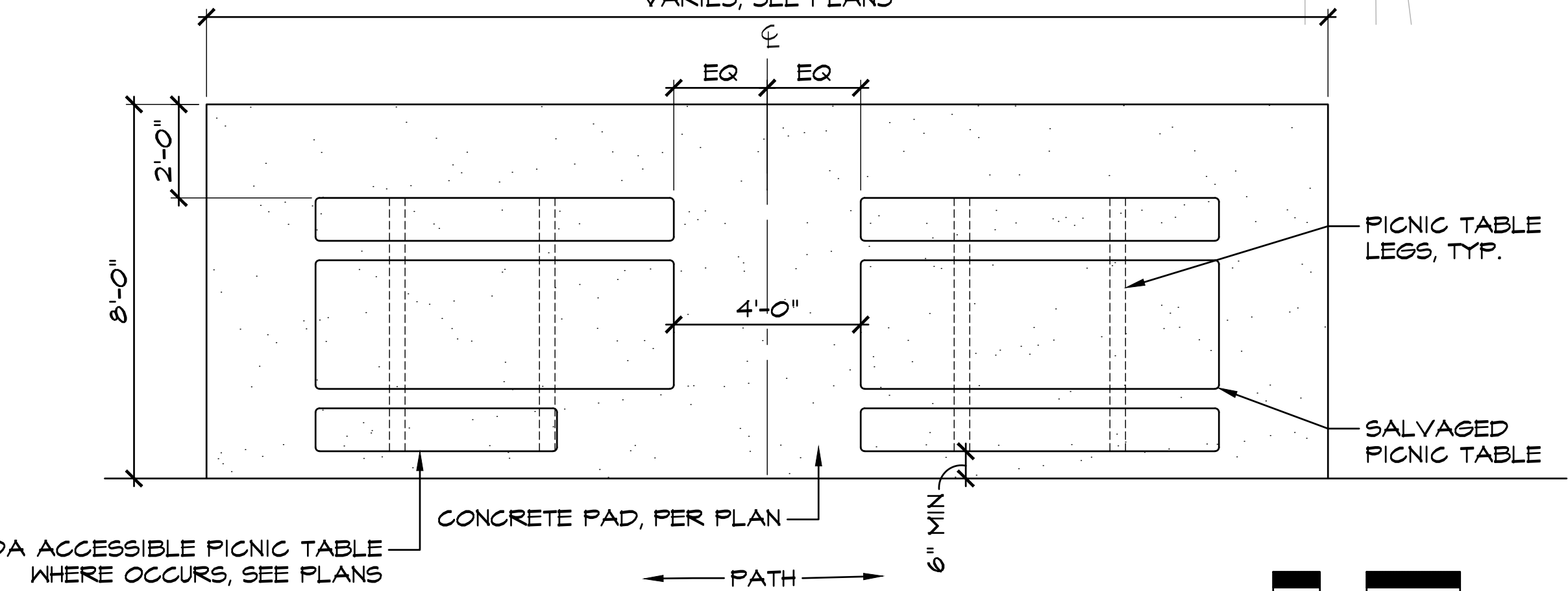
**SEE L5.0 FOR SITE CONSTRUCTION LEGEND**





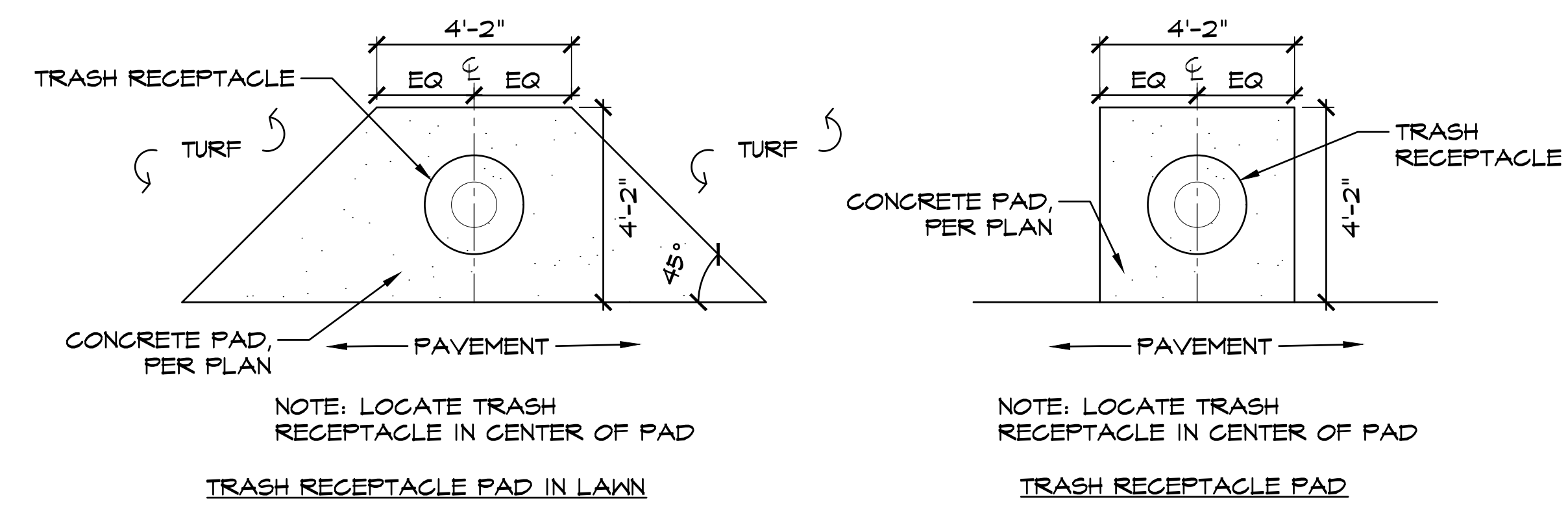
**LAYOUT LEGEND**

- ALIGN
- $\frac{N \ 0000.00}{E \ 0000.00}$  NORTHING AND EASTING COORDINATE POINT
- PC POINT OF CURVATURE
- HORIZONTAL CONTROL POINT



**1**  
**L6.0**  
**PICNIC TABLE PAD**  
**PLAN**

23036\_PicnicTablePad\_32

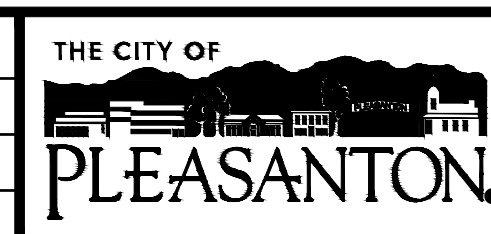


**2**  
**L6.0**  
**TRASH RECEPTACLE PAD**  
**PLAN**

23036\_TrashReceptaclePad\_32

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
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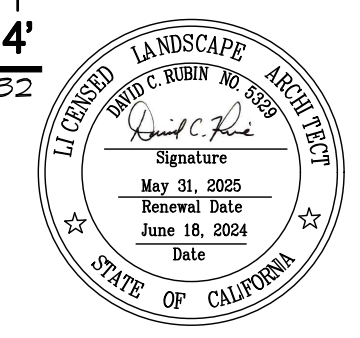
**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)  
**LAYOUT PLAN**



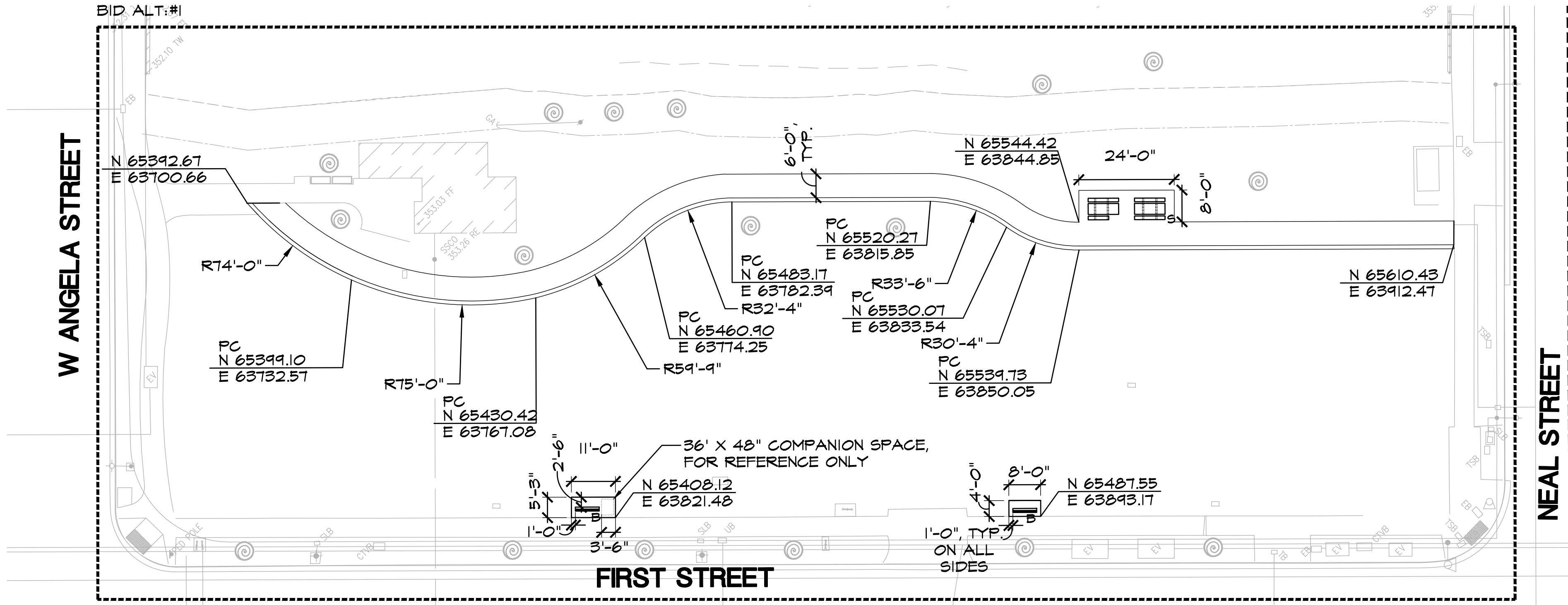
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PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

DWG NO.  
**L6.0**  
13 OF 41



BID ALT:#1

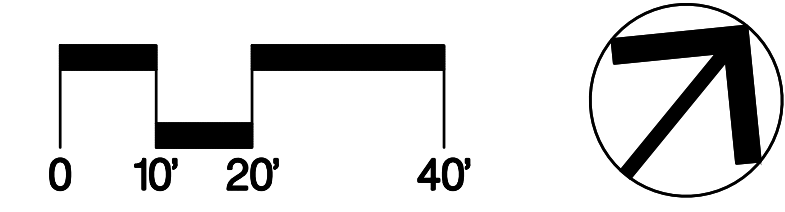


W ANGELA STREET

NEAL STREET

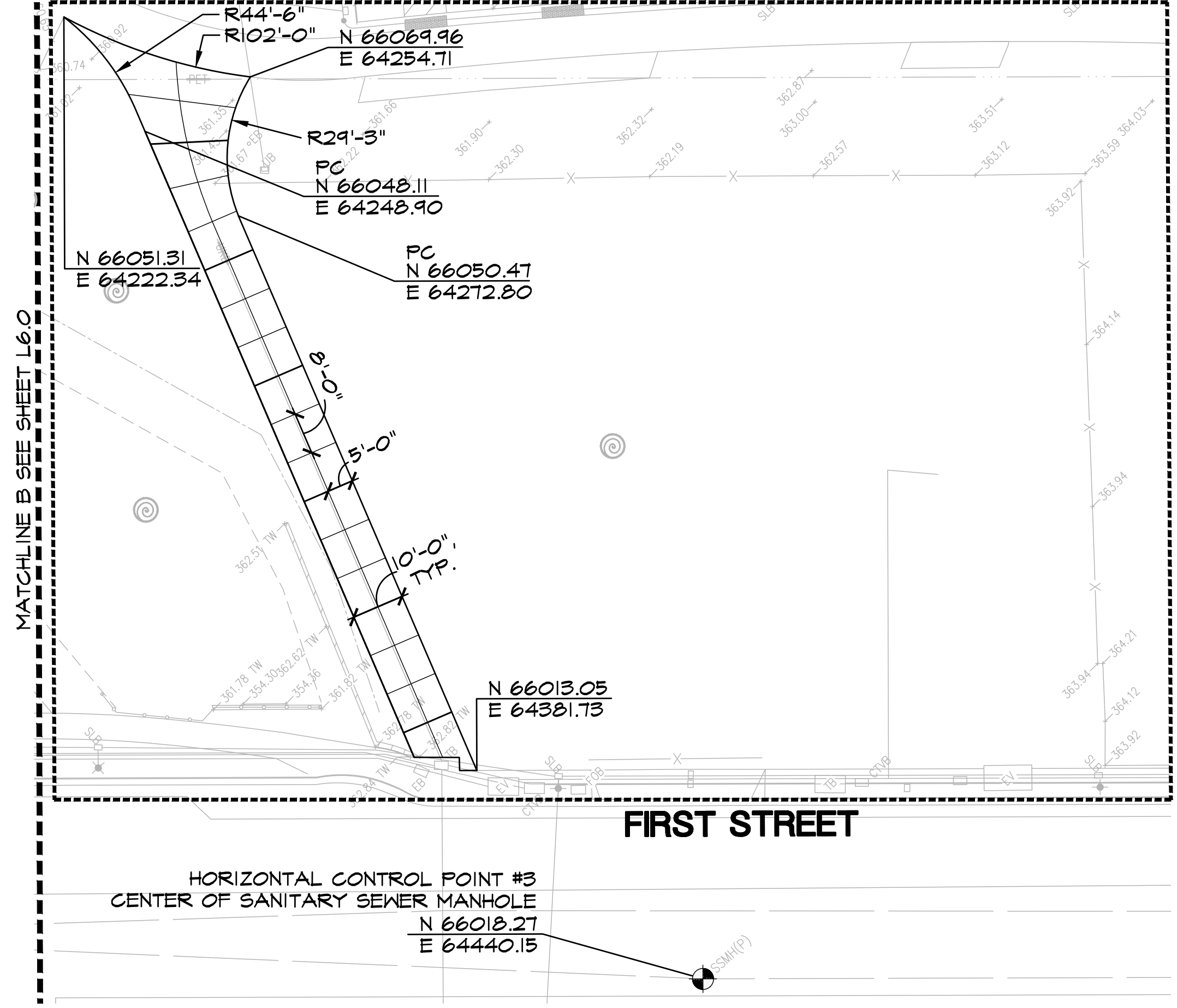
FIRST STREET

MATCHLINE A SEE SHEET L6.0



HORIZONTAL CONTROL POINT #4  
CENTER OF SANITARY SEWER MANHOLE  
N 65269.58  
E 63752.60

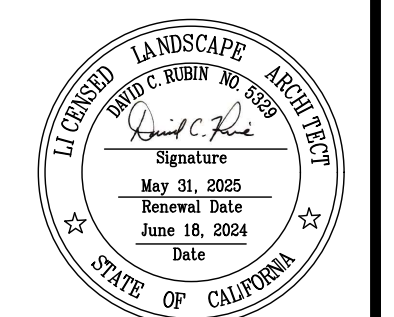
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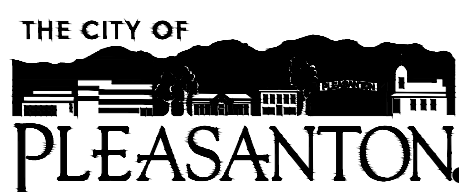
FIRST STREET

HORIZONTAL CONTROL POINT #3  
CENTER OF SANITARY SEWER MANHOLE  
N 66018.27  
E 64440.15



**BID SUBMITTAL**

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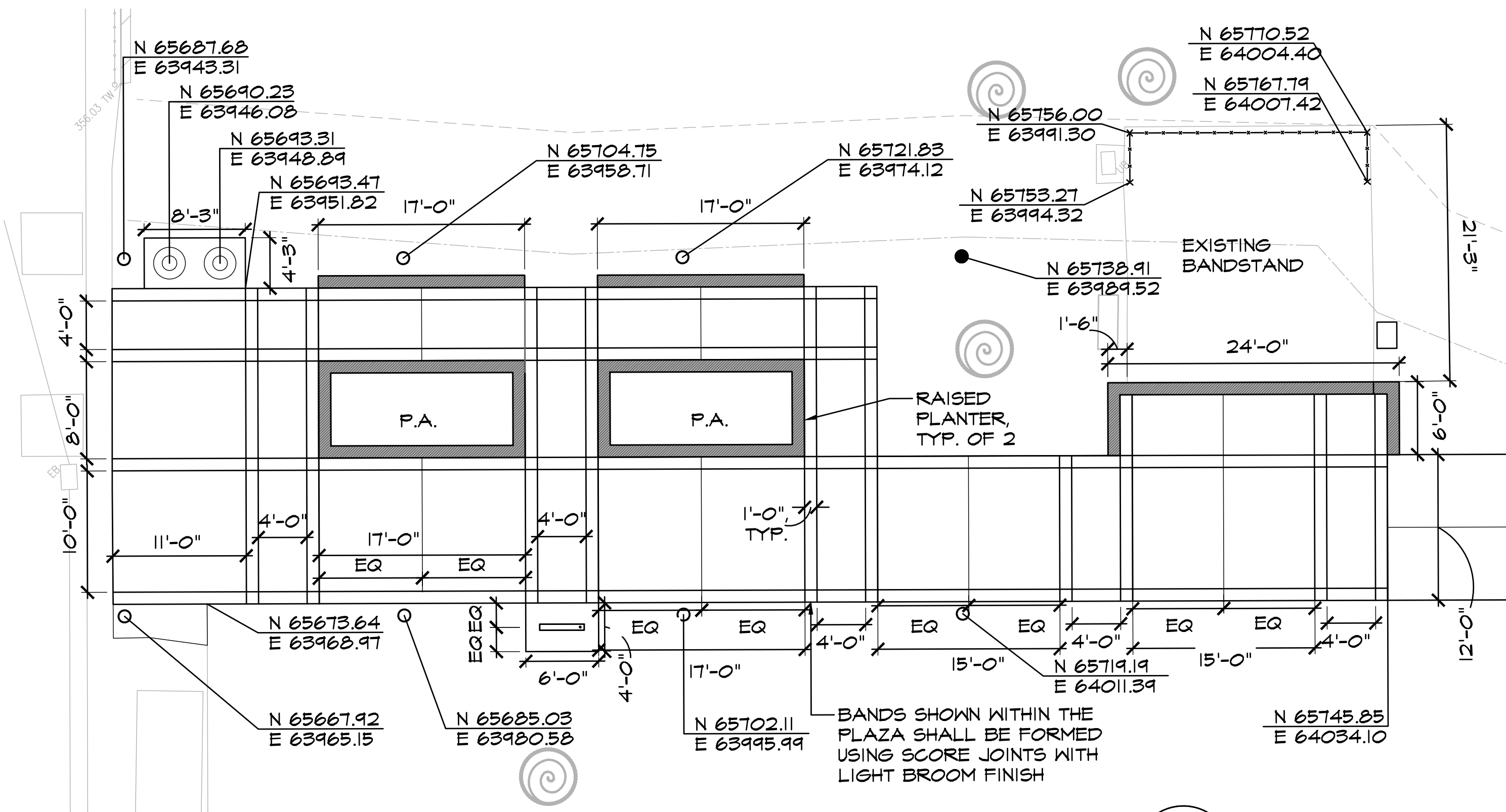
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
LAYOUT PLAN



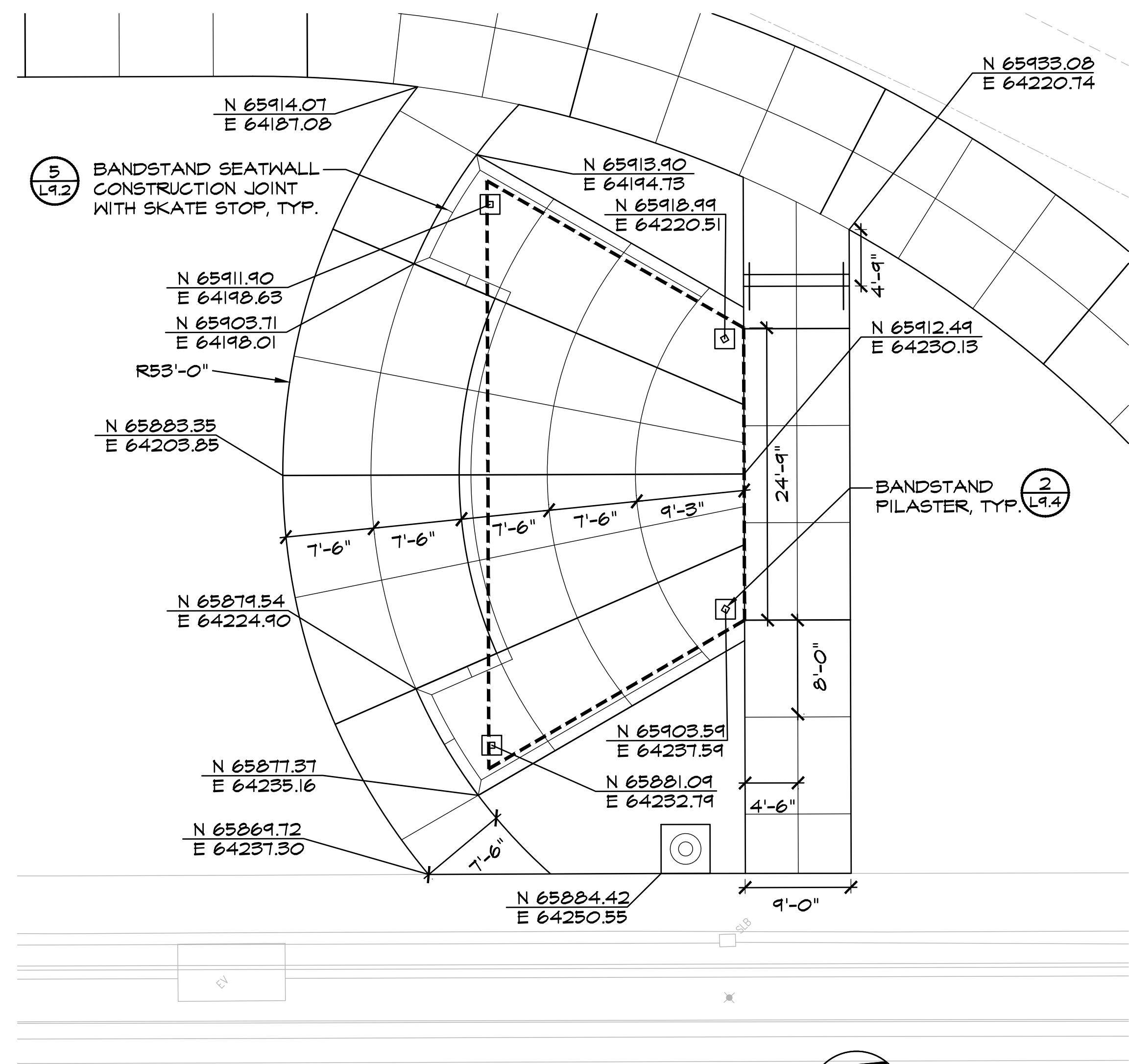
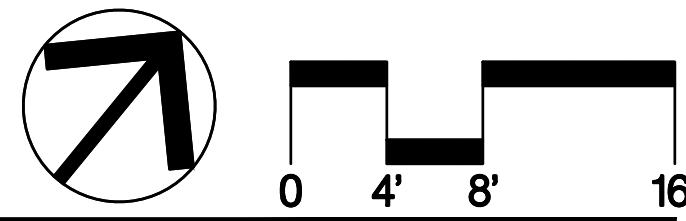
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SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

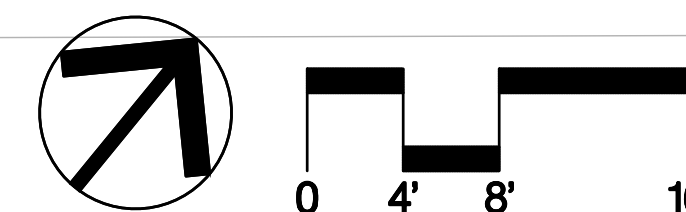
DWG NO.  
L6.1  
14 OF 41



**1**  
**L6.2** PLAZA  
ENLARGEMENT PLAN

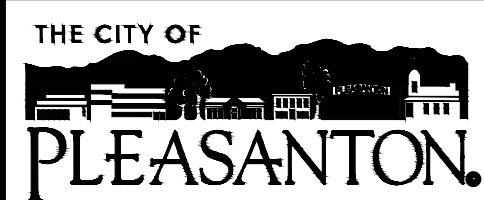


**2**  
**L6.2** BANDSTAND  
ENLARGEMENT PLAN



**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
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LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
LAYOUT PLAN

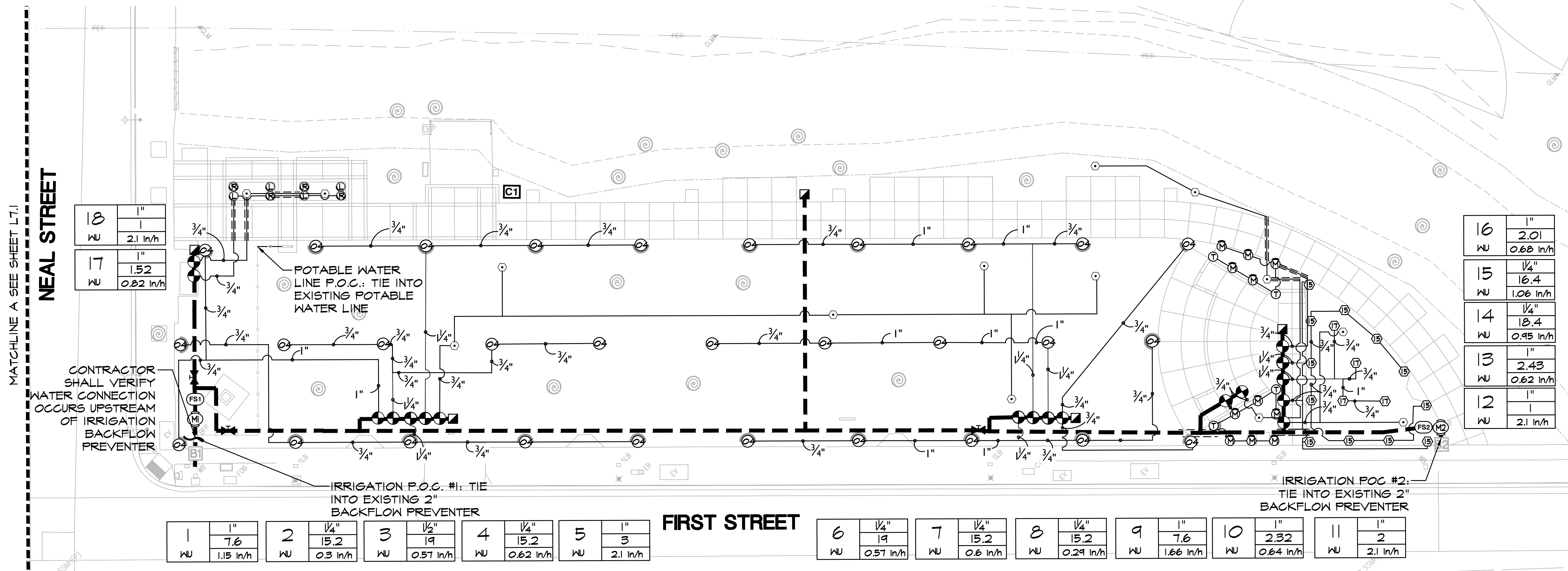


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PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024



DWG NO.  
**L6.2**  
15 OF 41



18	1"	2.1 in/h
17	1"	1.52
WU		0.82 in/h

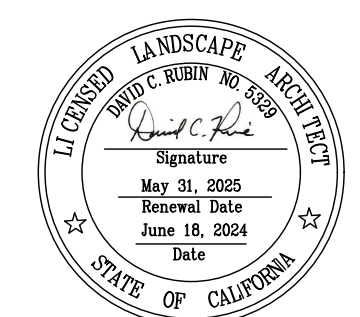
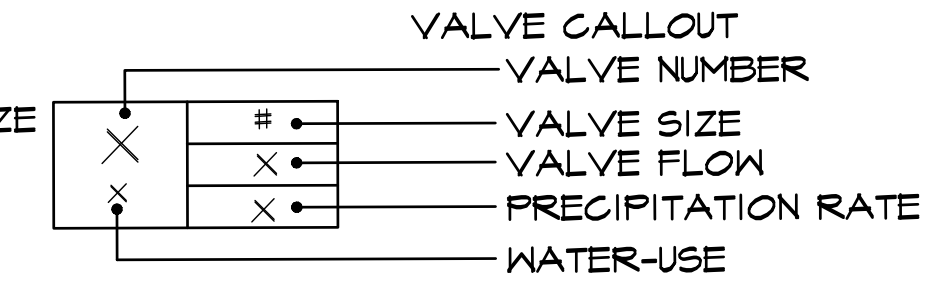
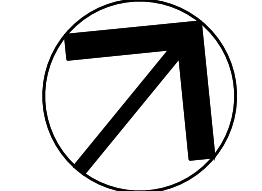
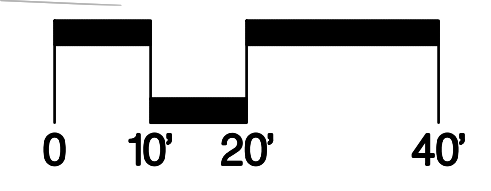
16	1"	2.01
WU		0.68 in/h
15	1/4"	16.4
WU		1.06 in/h
14	1/4"	18.4
WU		0.95 in/h
13	1"	2.43
WU		0.62 in/h
12	1"	1
WU		2.1 in/h

1	1"	7.6
WU		1.15 in/h
2	1/4"	15.2
WU		0.3 in/h
3	1/2"	19
WU		0.57 in/h
4	1/4"	15.2
WU		0.62 in/h
5	1"	3
WU		2.1 in/h

6	1/4"	19
WU		0.57 in/h
7	1/4"	15.2
WU		0.6 in/h
8	1/4"	15.2
WU		0.29 in/h
9	1"	7.6
WU		1.66 in/h
10	1"	232
WU		0.64 in/h
11	1"	2
WU		2.1 in/h

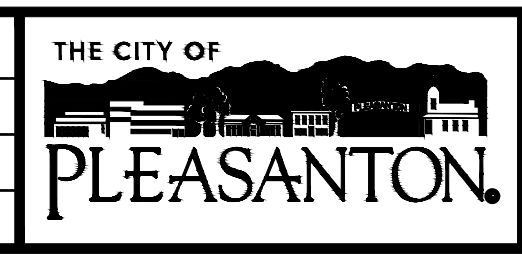
**IRRIGATION LEGEND**

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI			
⊕	TURF ROTOR, HUNTER I-25-06-SS 04 6IN. POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER.	40	Ⓜ	MASTER VALVE, GRISWOLD 2160, 1-1/2" SIZE, NORMALLY OPEN	Ⓜ
Ⓜ	TURF SPRAY, HUNTER PROS-PR330 6IN. 30 PSI REGULATED ADJ SERIES, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	30	Ⓜ	REMOTE CONTROL VALVE, GRISWOLD 2000 SERIES BRASS VALVE, SIZE PER PLANS	Ⓜ
Ⓜ	TREE BUBBLER, RAIN BIRD 1800-1402 FLOOD BUBLER, EACH SYMBOL REPRESENTS 2 BUBBLERS PER TREE	20	Ⓜ	QUICK COUPLING VALVE, RAIN BIRD 44-LRC 1 INCH	Ⓜ
Ⓜ	SHRUB ROTATOR, HUNTER MPI000 PROS-12-PR330-CV 12IN. POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. MP ROTATOR NOZZLE ON PR330 BODY. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, T=TURQUOISE 45-105 ARC	30	Ⓜ	GATE VALVE NIBCO T-113, LINE SIZE	Ⓜ
Ⓜ	SHRUB ROTATOR, HUNTER MP STRIP PROS-12-PR330-CV SHRUB ROTATOR, 12IN. MP ROTATOR NOZZLE ON PR330 BODY. LST=IVORY LEFT STRIP, RST=COPPER RIGHT STRIP.	30	Ⓜ	CONTROLLER ASSEMBLY SA6-RM6-24/DXICA/PMR-CAC RAIN MASTER DXI 24 STATION CONTROLLER, TOP ENTRY SS PEDESTAL, CELLULAR MODEM WITH ASSEMBLY MOUNTED ANTENNA, PERMANENTLY MOUNTED PRO MAX RECEIVER. AVAILABLE FROM SITE ONE GREEN TECH, CONTACT JOHN OSSA (925) 628-3819	Ⓜ
Ⓜ	FLOW SENSOR, CST FSI-B10-001		Ⓜ	CONTROLLER ASSEMBLY SA6-RM6-16/DXICA/PMR-CAC RAIN MASTER DXI 16 STATION CONTROLLER, TOP ENTRY SS PEDESTAL, CELLULAR MODEM WITH ASSEMBLY MOUNTED ANTENNA, PERMANENTLY MOUNTED PRO MAX RECEIVER. AVAILABLE FROM SITE ONE GREEN TECH, CONTACT JOHN OSSA (925) 628-3819	Ⓜ
---	IRRIGATION LATERAL LINE, SCH 40 PVC, SIZE PER PLAN				
---	IRRIGATION MAINLINE, SCH 40 PVC, 2" SIZE				
---	PIPE SLEEVE: PVC SCHEDULE 40, SIZE 2X PIPE DIAMETER				
---	POTABLE WATERLINE, TYPE K COPPER, 1/2" SIZE				
---	CONTROL WIRE AND POWER				
Ⓜ	EXISTING BACKFLOW PREVENTER				
⊕	EXISTING MAINLINE				
⊕	EXISTING REMOTE CONTROL VALVE				
---	EXISTING POTABLE WATER LINE				



**BID SUBMITTAL**

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Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)  
**IRRIGATION PLAN**

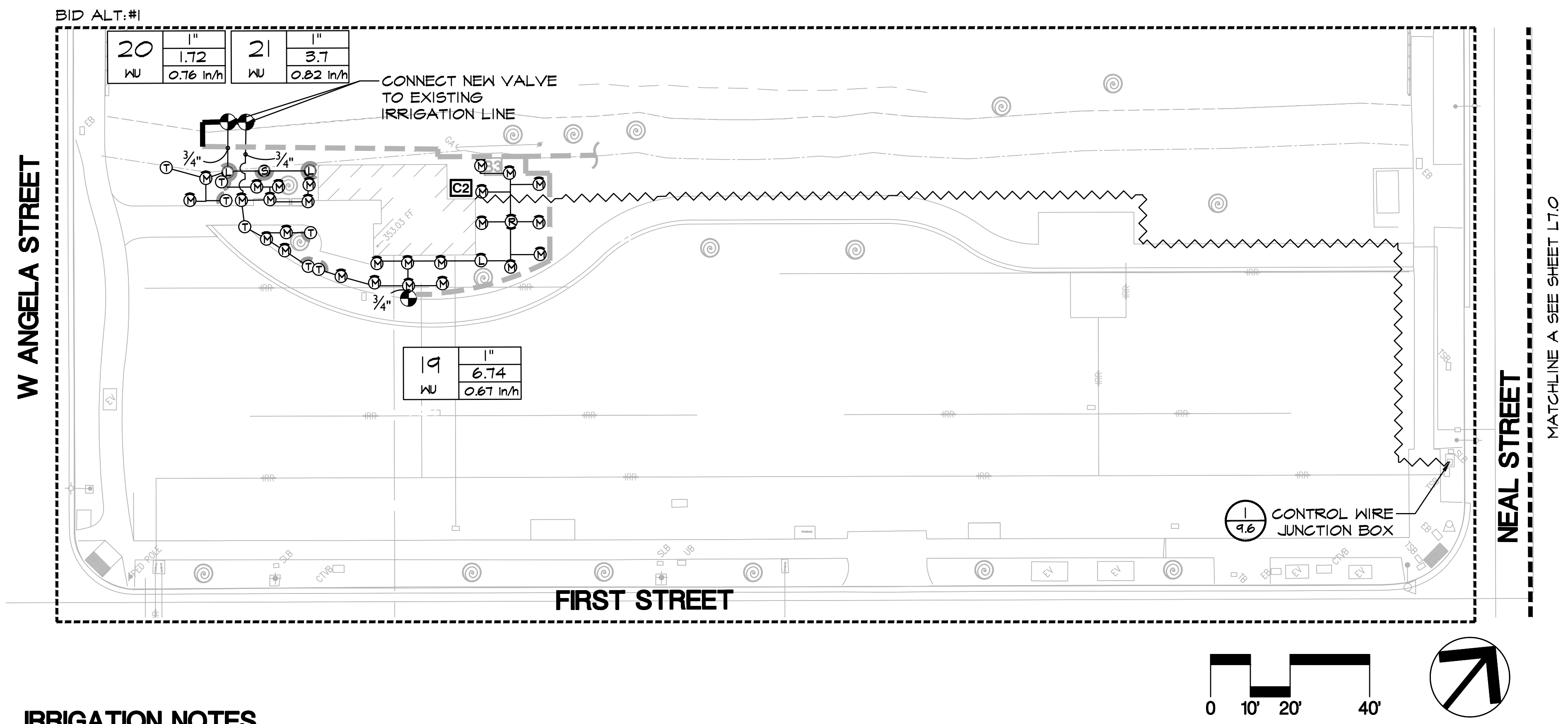


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CHECKED: BW/DR

SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

DWG NO. L7.0  
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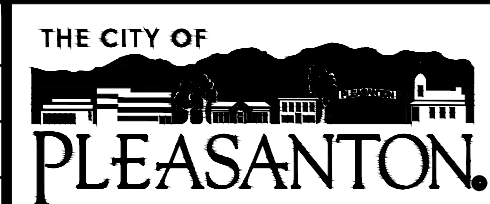


**IRRIGATION NOTES**

1. **SPECIFICATIONS:** SEE IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. **VERIFICATION:**  
 LIONS WAYSIDE PARK: SYSTEM DESIGN IS BASED ON 55 P.S.I. AND 24 G.P.M. AVAILABLE AT DISCHARGE OUTLET OF METER OR OTHER POINT OF CONNECTION.  
  
 DELUCCHI PARK: SYSTEM DESIGN IS BASED ON 55 P.S.I. AND 12 G.P.M. AVAILABLE AT DISCHARGE OUTLET OF METER OR OTHER POINT OF CONNECTION  
  
 CONTRACTOR SHALL VERIFY SAME AND NOTIFY LANDSCAPE ARCHITECT IF SUCH DATA ADVERSELY AFFECTS THE OPERATION OF THE SYSTEM. SUCH NOTICE SHALL BE MADE IN WRITING AND PRIOR TO COMMENCING ANY IRRIGATION WORK.
3. **UTILITIES:** CONTRACTOR SHALL VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CITY.
4. **SCHEMATIC:** SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. INSTALL ALL PIPING AND VALVES IN COMMON TRENCHES WHERE FEASIBLE AND INSIDE PLANTING AREAS WHENEVER POSSIBLE. ALL VALVES SHALL BE LOCATED IN GROUND COVER OR SHRUB AREAS WHENEVER POSSIBLE.
5. **CODES:** IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS. NOTIFY LANDSCAPE ARCHITECT BY TELEPHONE AND IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
6. **SLEEVING:** CONTRACTOR SHALL SIZE ALL SLEEVES TO BE A MINIMUM TWO TIMES THE SIZE OF THE INTERIOR PIPE. SLEEVES SHALL BE INSTALLED AT THE NECESSARY DEPTHS PRIOR TO PAVEMENT CONSTRUCTION. SLEEVING SHALL EXTEND 1'-0" FROM EDGE OF PAVEMENT INTO LAWN OR PLANTING AREA, AND SHALL HAVE ENDS CLEARLY MARKED ABOVE GRADE.
7. **QUICK COUPLING VALVES:** INSTALL ON TRIPLE SWING JOINT. LOCATE 12" AWAY FROM EDGE OF WALKS, WALLS, CURBS, AND HEADERBOARDS WITHIN PLANTING AREAS. PROVIDE CITY WITH ONE OPERATING KEY, TWO SETS OF LOCKING COVER KEYS, AND ONE SWIVEL HOSE ELL.
8. **HEAD ALLOWANCE:** CONTRACTOR SHALL ALLOW IN BID PRICE AN AMOUNT SUFFICIENT TO PROVIDE AND INSTALL AN ADDITIONAL (5%) OF SPRINKLER HEADS OF EACH TYPE SPECIFIED ON PLAN TO ACCOMMODATE FIELD CHANGES. THESE HEADS SHALL BE LOCATED AS DIRECTED BY THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL DELIVER TO THE CITY ANY UN-USED ADDITIONAL HEADS AT THE END OF THE MAINTENANCE PERIOD.
9. **CONTROLLER:** ALL ABOVE-GRADE CONDUIT EITHER 24V. OR 110V. SHALL BE RIGID STEEL AND SECURELY FASTENED TO STRUCTURE AND TO CONTROLLER. CONTRACTOR SHALL CONTACT THE RAINMASTER REPRESENTATIVE, JOHN OSSA (925) 628-3819 TO CONFIRM THE CONTROLLER SPECIFICATIONS AND SHALL COORDINATE A MEETING TO SET UP THE CONTROLLER AT INSTALLATION.
10. **MAINTAINING EXISTING IRRIGATION:** SHOULD THE EXISTING MAINLINE BREAK OR BE SHUT OFF FOR ANY REASON DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL HAND WATER ALL TREES, SHRUBS, TURF, AND GROUND COVER THAT THE EXISTING IRRIGATION SYSTEM WATERS. THE CONTRACTOR SHALL CONTINUE TO DO SO UNTIL THE IRRIGATION SYSTEM IS OPERABLE.
11. **CONTROL WIRE:** CONTROL WIRE FOR EXISTING STATIONS SHALL BE RECONNECTED TO THE NEW CONTROLLER USING THE EXISTING STATION NUMBERS. NEW STATIONS FROM THE REMOTE CONTROL VALVES ADDED AT THE EXISTING RESTROOM SHALL BE CONNECTED TO THE NEW CONTROLLER ON NEAL STREET.
12. **IRRIGATION AUDIT:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A 3RD PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR TO CONDUCT AN IRRIGATION AUDIT AS REQUIRED BY THE PLEASANTON WATER EFFICIENT LANDSCAPE ORDINANCE.

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
 Department of Public Works

ADAM M. NELKIE  
 CITY ENGINEER  
 NO. 78830  
 EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
 (Project No. 06716)  
 IRRIGATION PLAN



2025 Gateway Place, Suite 285  
 San Jose, CA 95110  
 1-408-275-0565  
 www.callandscapeassociates.com

DESIGN:	GH
DRAWN:	BN
CHECKED:	BW/DR

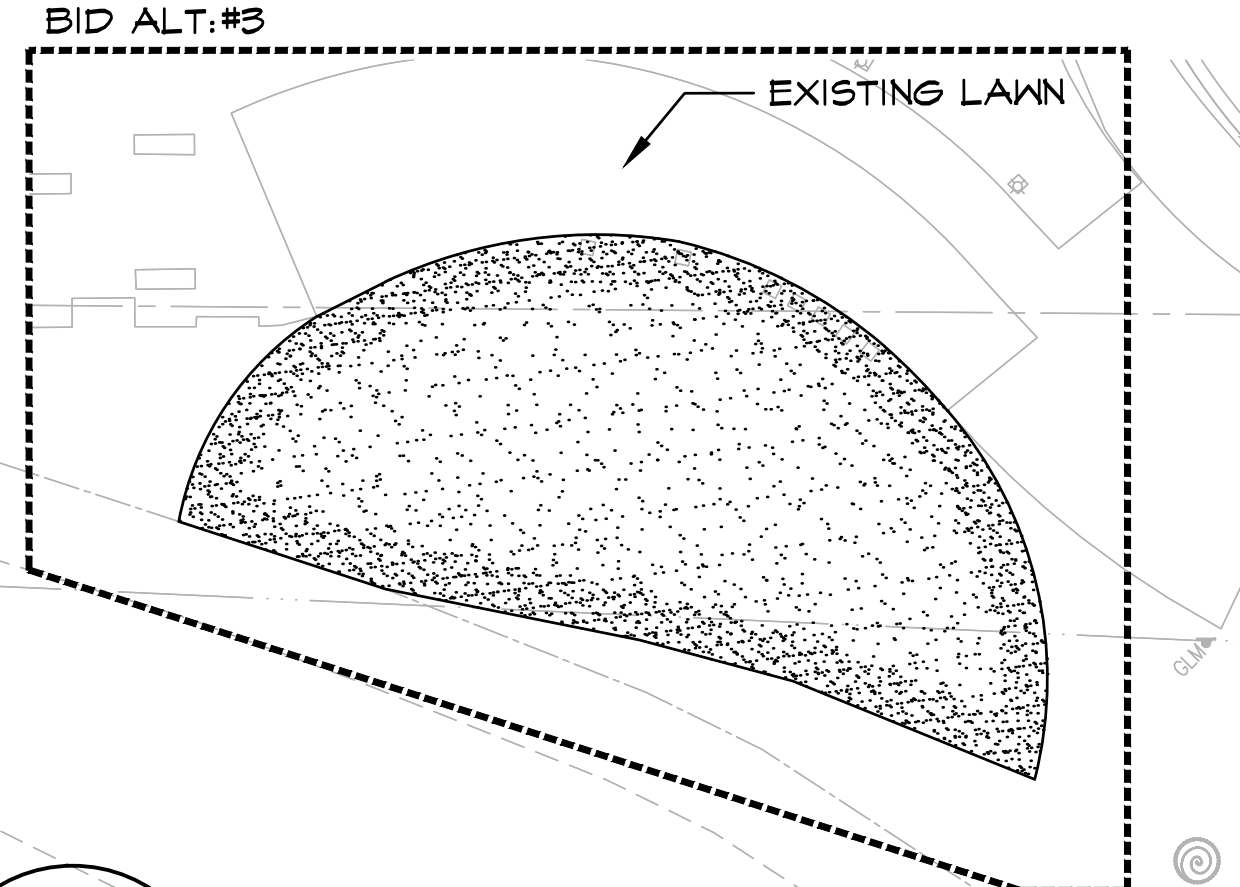
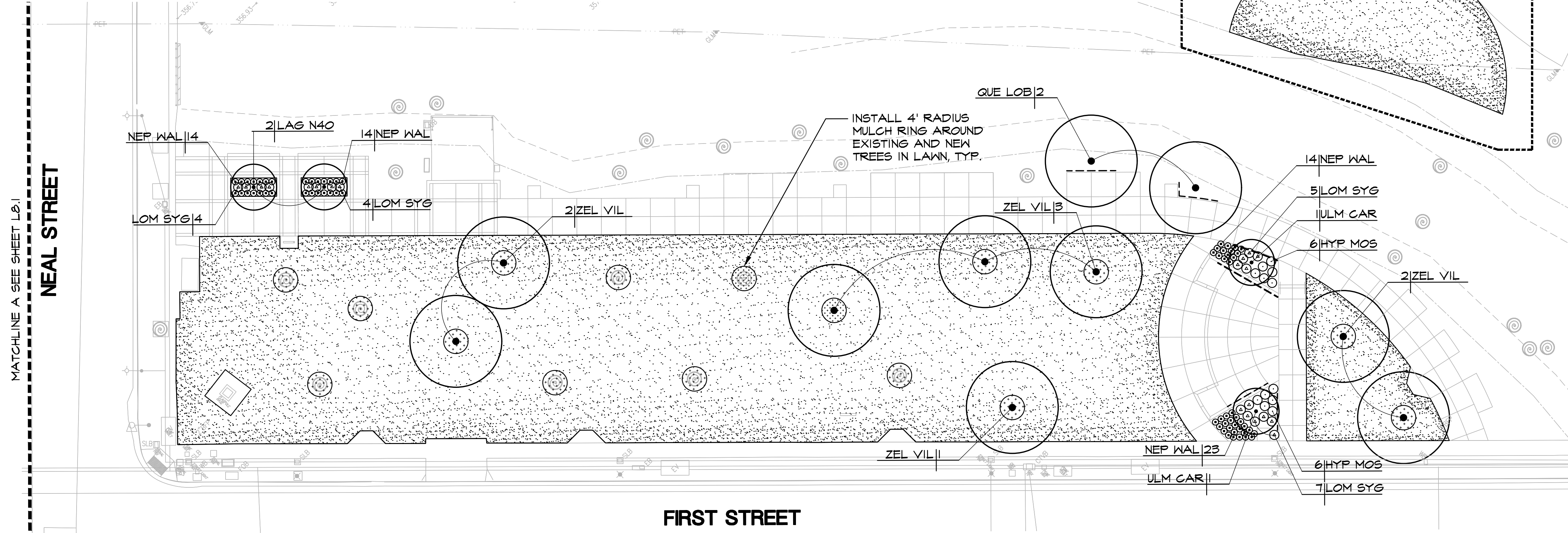
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PROJECT NO.:	CIP-06716
DATE:	JUNE 18, 2024

DWG NO.  
 L7.1  
 17 OF 41



**SEE L6.0 FOR IRRIGATION LEGEND**



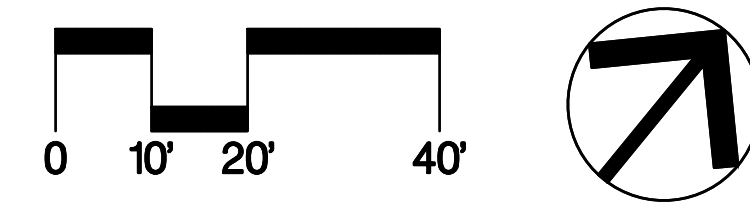


**PLANT LEGEND**

- ⊙ EXISTING TREE TO REMAIN
- TURF FROM SOD
- MULCH
- SHRUB MASS (6 L9.8)
- ROOT BARRIER: DEEP ROOT CORP. #UB10. INSTALL FLUSH WITH INSIDE FACE OF CURB OR PAVING IN LOCATIONS INDICATED. SHOWN ON OUTSIDE OF CURB FOR GRAPHIC PURPOSES ONLY. (5 L9.8)

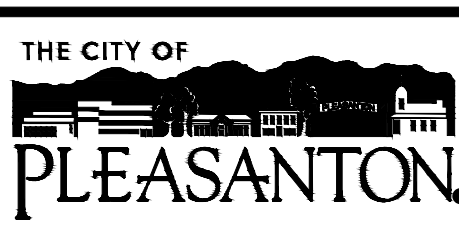
**PLANT SCHEDULE**

CODE	QTY	BOTANICAL / COMMON NAME	SIZE	WUCOLS	SPACING
<b>TREES</b>					
LAG N40	2	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' / NATCHEZ GRAPE MYRTLE	24" BOX	LOW	Ⓞ L9.8
QUE LOB	2	QUERCUS LOBATA / VALLEY OAK	24" BOX	LOW	
ULM CAR	2	ULMUS X 'FRONTIER' / FRONTIER ELM	24" BOX	LOW	
ZEL VIL	8	ZELKOYA SERRATA 'VILLAGE GREEN' / VILLAGE GREEN JAPANESE ZELKOYA	24" BOX	MED	
<b>SHRUBS</b>					
FES MAI	31	FESTUCA MAIREI / ATLAS FESCUE	1 GAL	LOW	Ⓞ L9.8
HYP MOS	27	HYPERICUM X MOSERANUM / GOLD FLOWER	1 GAL	LOW	
LOM SYG	52	LOMANDRA LONGIFOLIA 'ROMA 13' / PLATINUM BEAUTY ♂ VARIEGATED MAT RUSH	1 GAL	LOW	
NEP WAL	108	NEPETA X FAASSENII 'WALKER'S LOW' / WALKER'S LOW CATMINT	1 GAL	LOW	
SAL HOT	24	SALVIA MICROPHYLLA 'HOT LIPS' / HOT LIPS GRAHAM SAGE	1 GAL	LOW	
	285 SF	TRACHELOSPERMUM JASMINOIDES / CHINESE STAR JASMINE	1 GAL	MED	Ⓞ L9.9
		TURF FROM SOD, 90/10 TALL FESCUE, AVAILABLE FROM DELTA BLUE GRASS, (800)-637-8873, OR APPROVED EQUAL			



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CITY ENGINEER  
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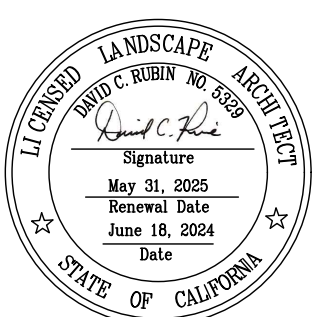
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
PLANTING PLAN

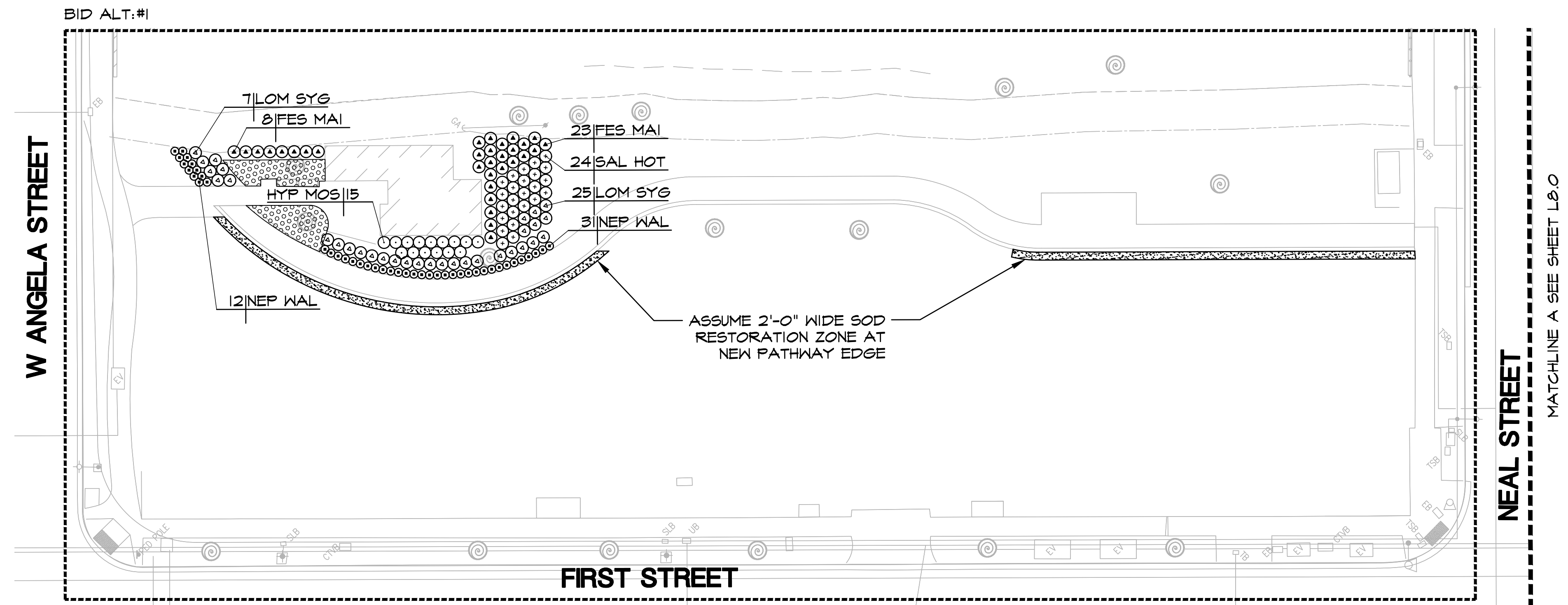


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DRAWN:	BN
CHECKED:	BW/DR

SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

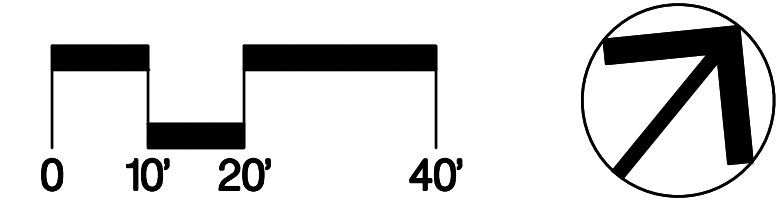
DWG NO.  
L8.0  
19 OF 41





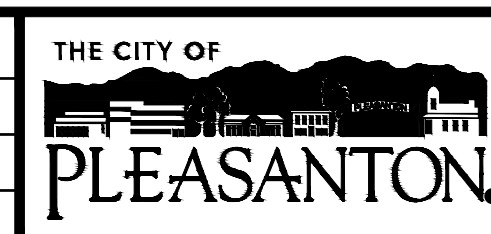
**PLANTING NOTES**

1. **MULCH:** INSTALL A UNIFORM THREE INCH COVERING OF MULCH IN ALL PLANTING AREAS, PER SPECIFICATIONS.
2. **EXISTING PLANT MATERIAL:** PROTECT ALL EXISTING PLANT MATERIAL TO REMAIN. REPAIR ANY DAMAGES INCURRED AS A DIRECT RESULT OF THIS CONTRACT TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST.
3. **GROUNDCOVER:** PROVIDE GROUNDCOVER AT INDICATED ON-CENTER SPACING THROUGHOUT ALL AREAS TO BE PLANTED. GROUNDCOVER SHALL BE PROVIDED UP TO THE WATERING BASIN OF ALL TREES AND SHRUBS.
4. **QUANTITIES:** THE QUANTITIES SHOWN ON THE LABELS ARE NOT TO BE CONSTRUED AS THE COMPLETE AND ACCURATE LIMITS OF THE CONTRACT. FURNISH AND INSTALL ALL PLANTS SHOWN SCHEMATICALLY ON THE DRAWINGS.
5. **TOPSOIL:** ALL PLANTING AREAS TO RECEIVE A SIX INCH LAYER OF NATIVE TOPSOIL PER SPECIFICATIONS.
6. **SOILS TESTING:** SEE SPECIFICATIONS FOR TESTING OF TOPSOIL AND AMENDMENTS. CONTRACTOR SHALL ALLOW SUFFICIENT TIME FOR TESTING PRIOR TO CONSTRUCTION.
7. **CERTIFICATE OF COMPLETION:** CONTRACTOR SHALL SUBMIT A CERTIFICATE OF COMPLETION PRIOR TO THE SUBSTANTIAL COMPLETION WALK THROUGH.



**BID SUBMITTAL**

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Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
PLANTING PLAN

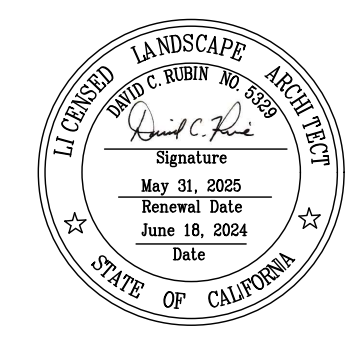


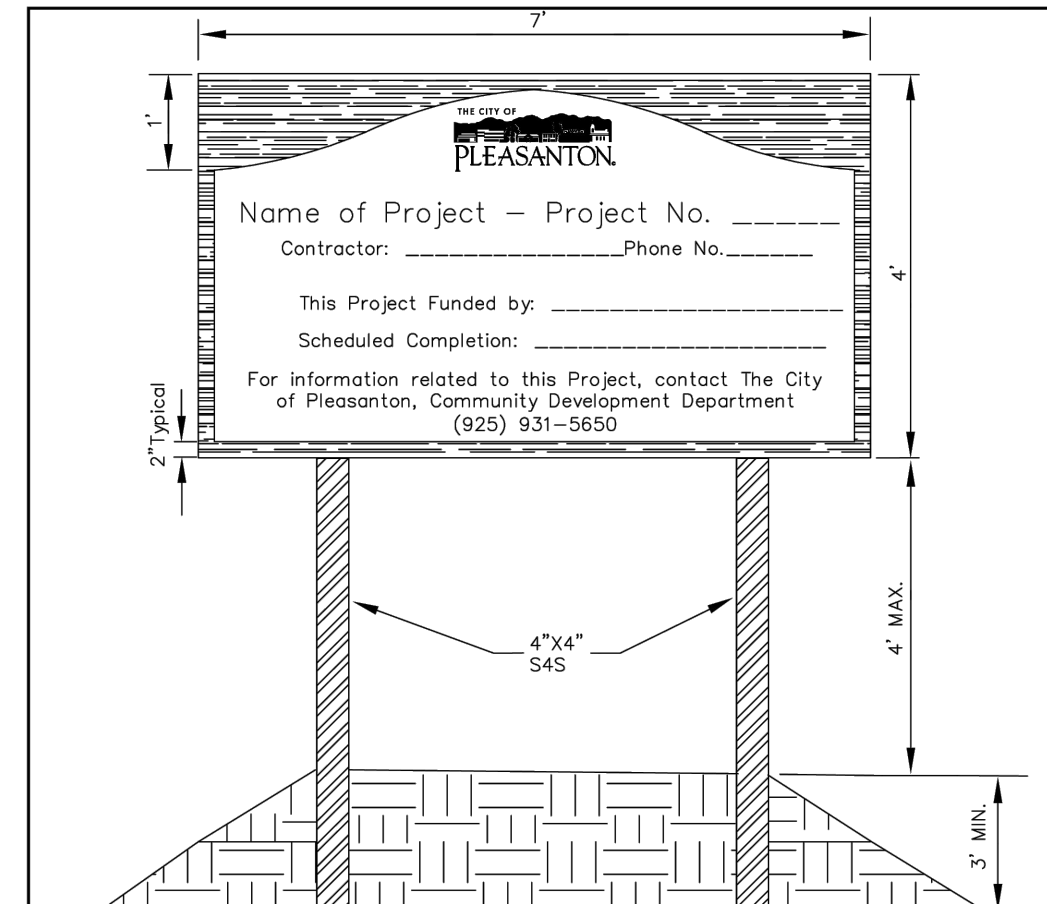
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DRAWN:	BN
CHECKED:	BW/DR

SCALE:	AS SHOWN
PROJECT NO.:	CIP-06716
DATE:	JUNE 18, 2024

DWG NO.  
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SEE L7.0 FOR PLANT LEGEND AND SCHEDULE

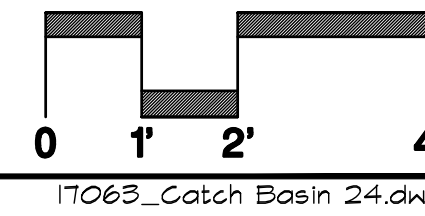
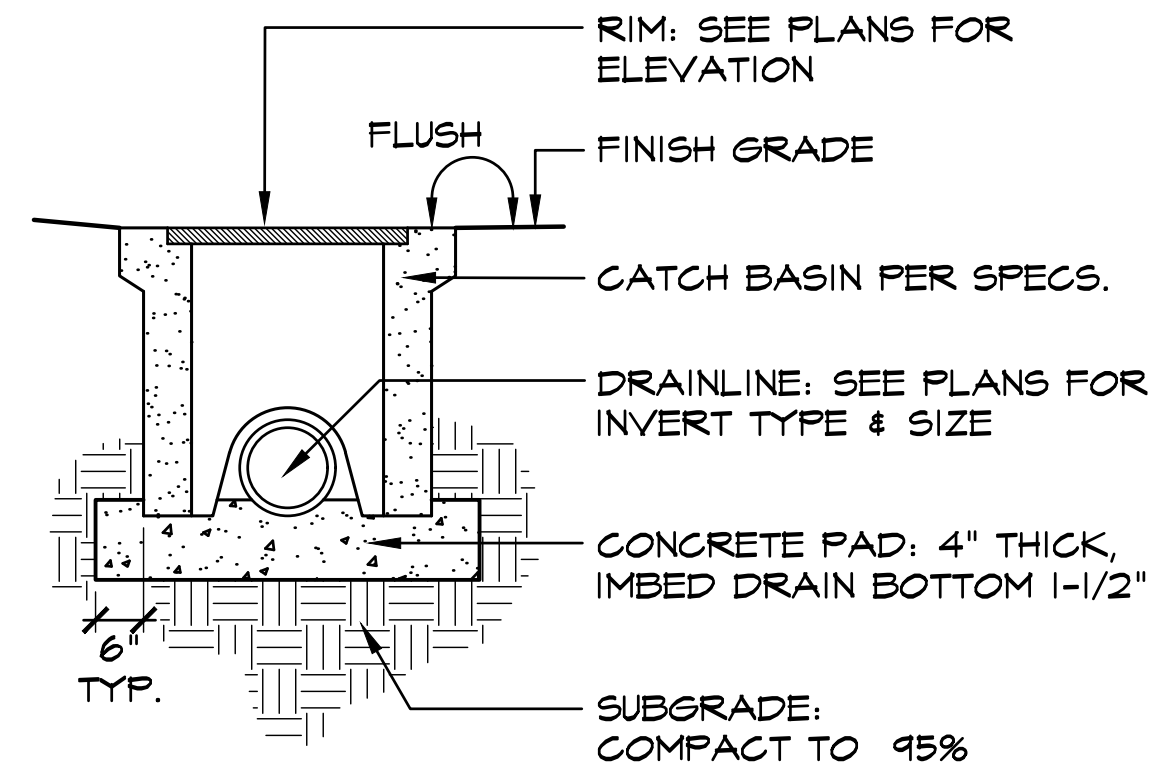




- NOTES:
1. THE SIGN MAY BE PURCHASED FROM SIGN PRO, DUBLIN, CA 925-829-5000; AT THE CONTRACTOR'S OPTION, OTHER FABRICATORS MAY BE SUBMITTED FOR APPROVAL.
  2. ATTACH POSTS TO 1/2" EXTERIOR PLYWOOD SIGN FACE WITH FOUR 1/2" STOVE BOLTS.
  3. POSTS SHALL BE PRESURE TREATED DOUGLAS FIR OR DENSE, STRUCTURAL GRADE REDWOOD.
  4. POSTS SHALL BE SET 3" DEEP IN FIRMLY COMPACTED SOIL OR CONCRETE.
  5. SIGN COLORS SHALL BE: SIGN BACKGROUND-PANTONE 5545C; SIGN BODY-PANTONE 155C. PAINT SHALL BE EXTERIOR ENAMEL.
  6. SIGN TO BE PLACED IN A NON-WALKWAY AREA.

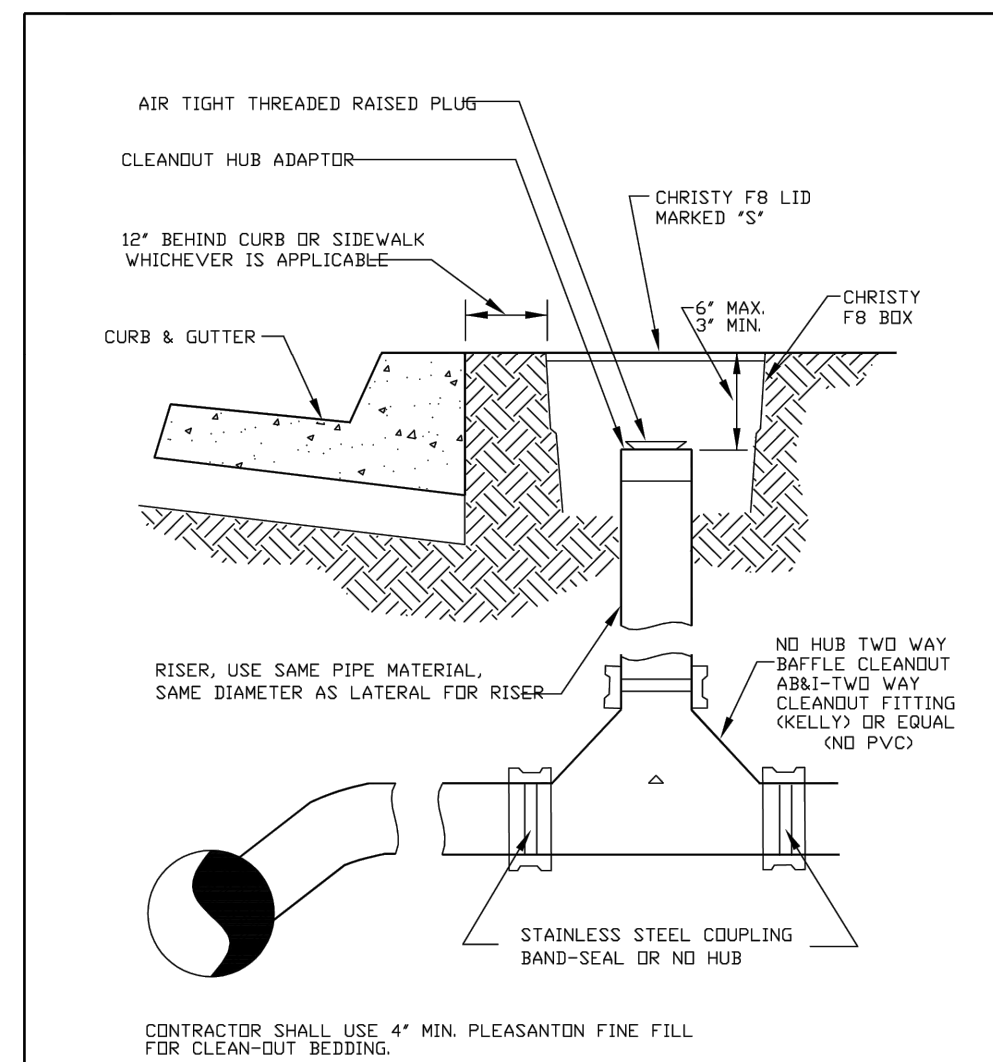
CITY OF PLEASANTON  
STANDARD DETAILS  
PROJECT IDENTIFICATION SIGN  
DATE: 4/16 | DWG NO. 603

**1**  
**L9.0** PROJECT IDENTIFICATION SIGN  
CITY STANDARD DETAIL 603



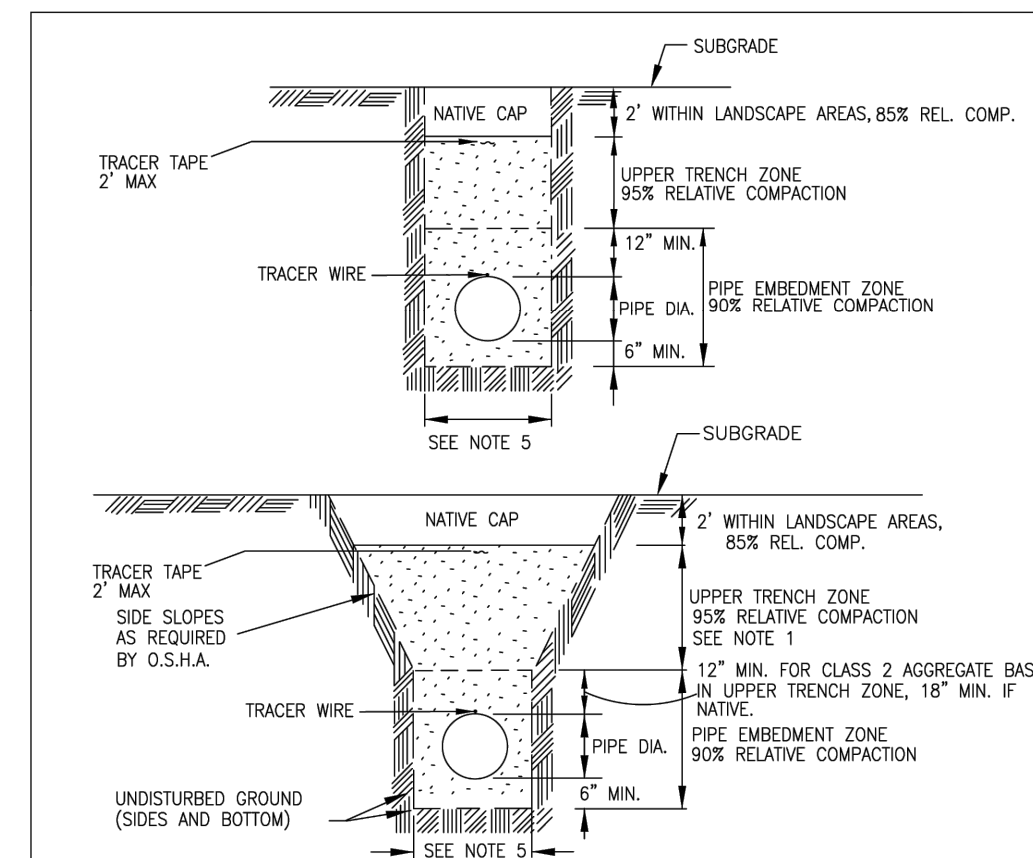
**2**  
**L9.0** CATCH BASIN  
SECTION

**3**  
**L9.0** NOT USED



CITY OF PLEASANTON  
STANDARD DETAILS  
CLEAN-OUT  
DATE: 10/16 | DWG NO. 409

**4**  
**L9.0** CLEAN OUT  
CITY STANDARD DETAIL 409



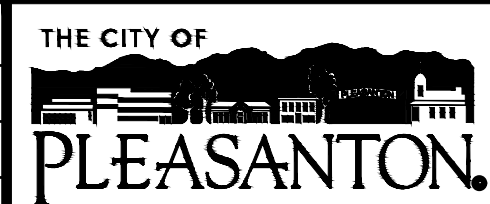
- NOTES:
1. NATIVE MATERIAL MAY BE USED WHEN SPECIFICALLY APPROVED BY ENGINEER.
  2. THIS DETAIL DOES NOT APPLY TO EXISTING PAVED STREETS.
  3. BACK FILL COMPACTION SHALL BE CERTIFIED BY SOILS ENGINEER.
  4. 100% IMPORT IN ALL VERTICAL TRENCHES.
  5. SEE SPECIFICATIONS FOR TRENCH WIDTH REQUIREMENTS.

CITY OF PLEASANTON  
STANDARD DETAILS  
TRENCH BACKFILL FOR UNDEVELOPED AREAS  
DATE: 4/16 | DWG NO. 114

**5**  
**L9.0** TRENCH BACKFILL  
CITY STANDARD DETAIL 114

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



CITY OF PLEASANTON  
Department of Public Works

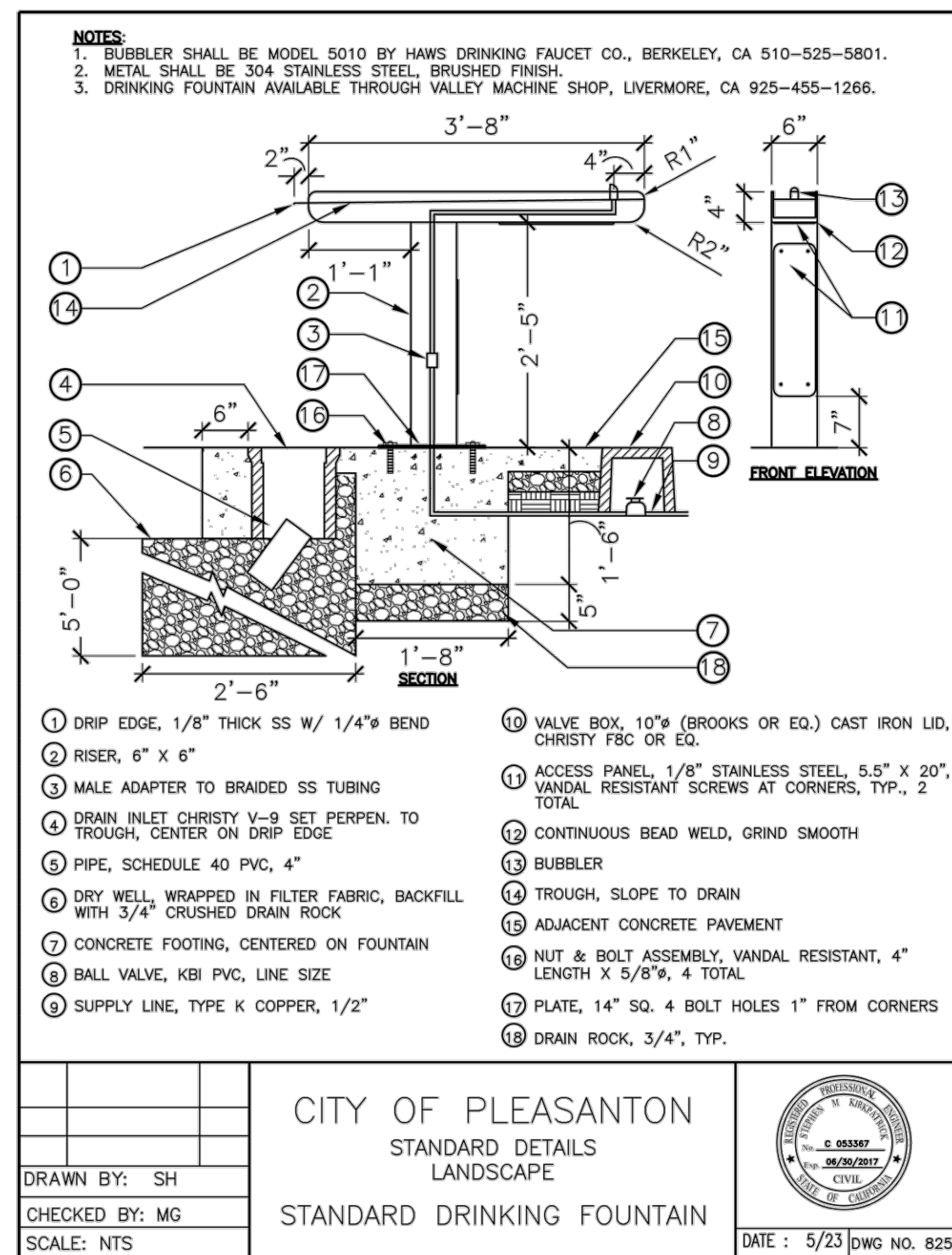
ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
CONSTRUCTION DETAILS

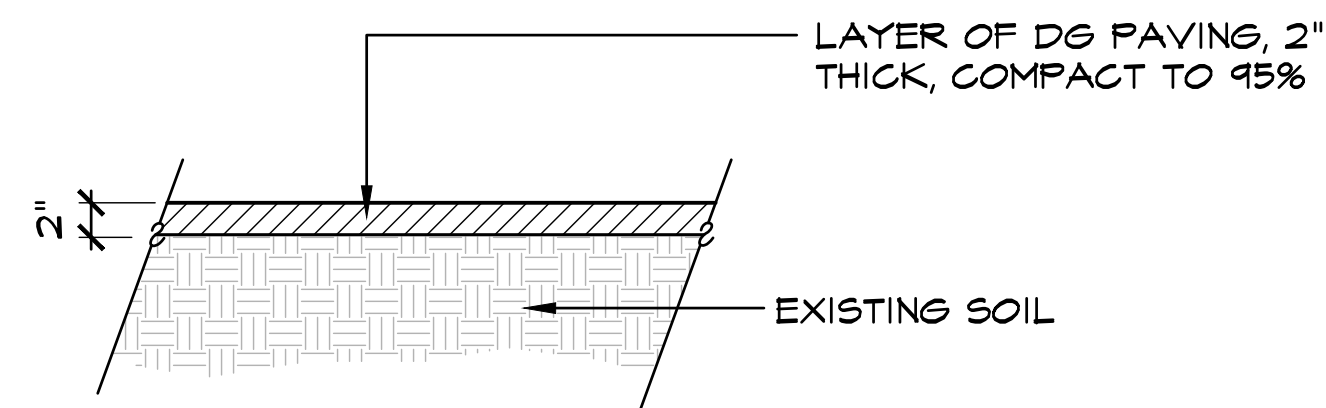


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DRAWN:	BN	PROJECT NO.:	CIP-06716		
CHECKED:	BW/DR	DATE:	JUNE 18, 2024		

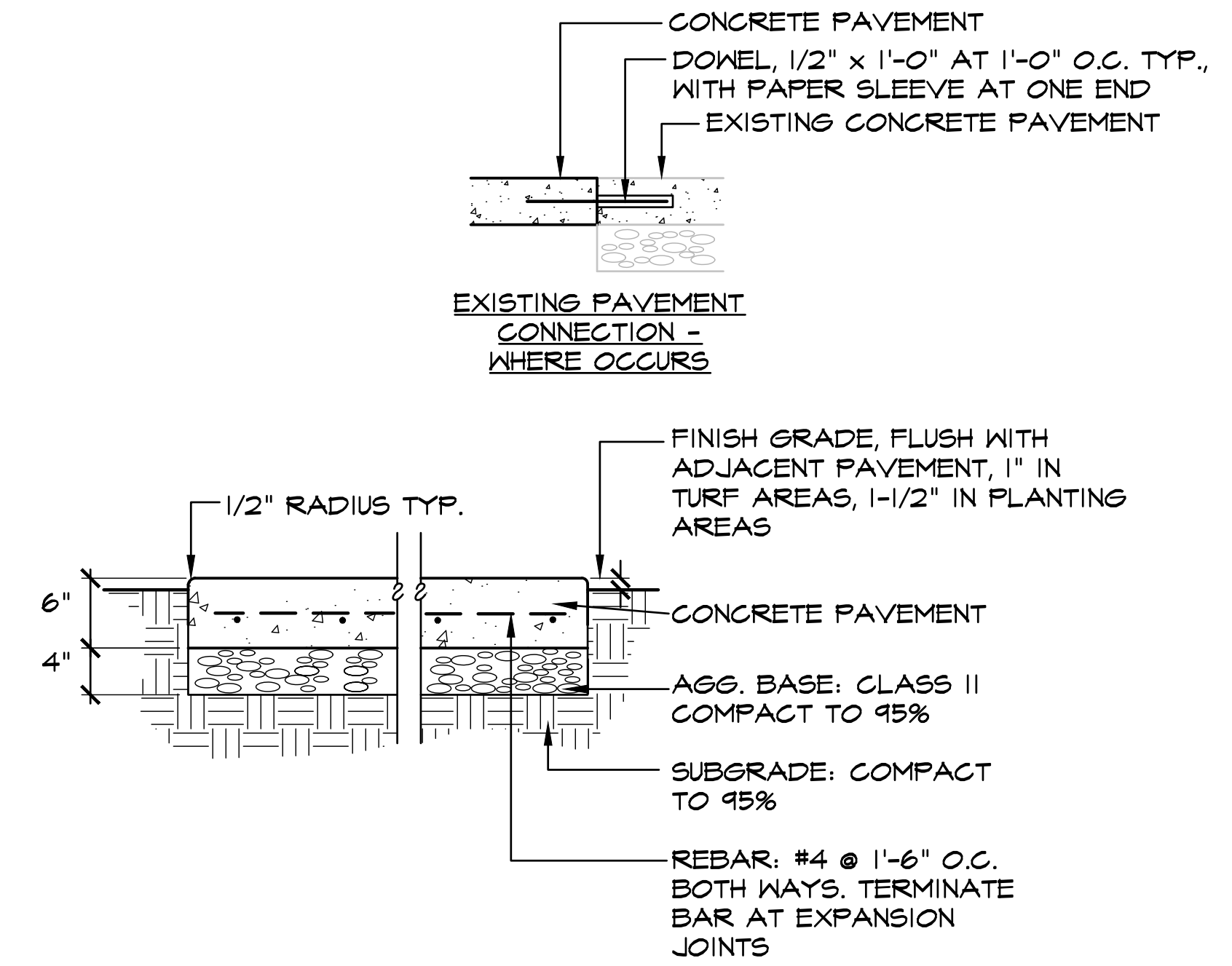




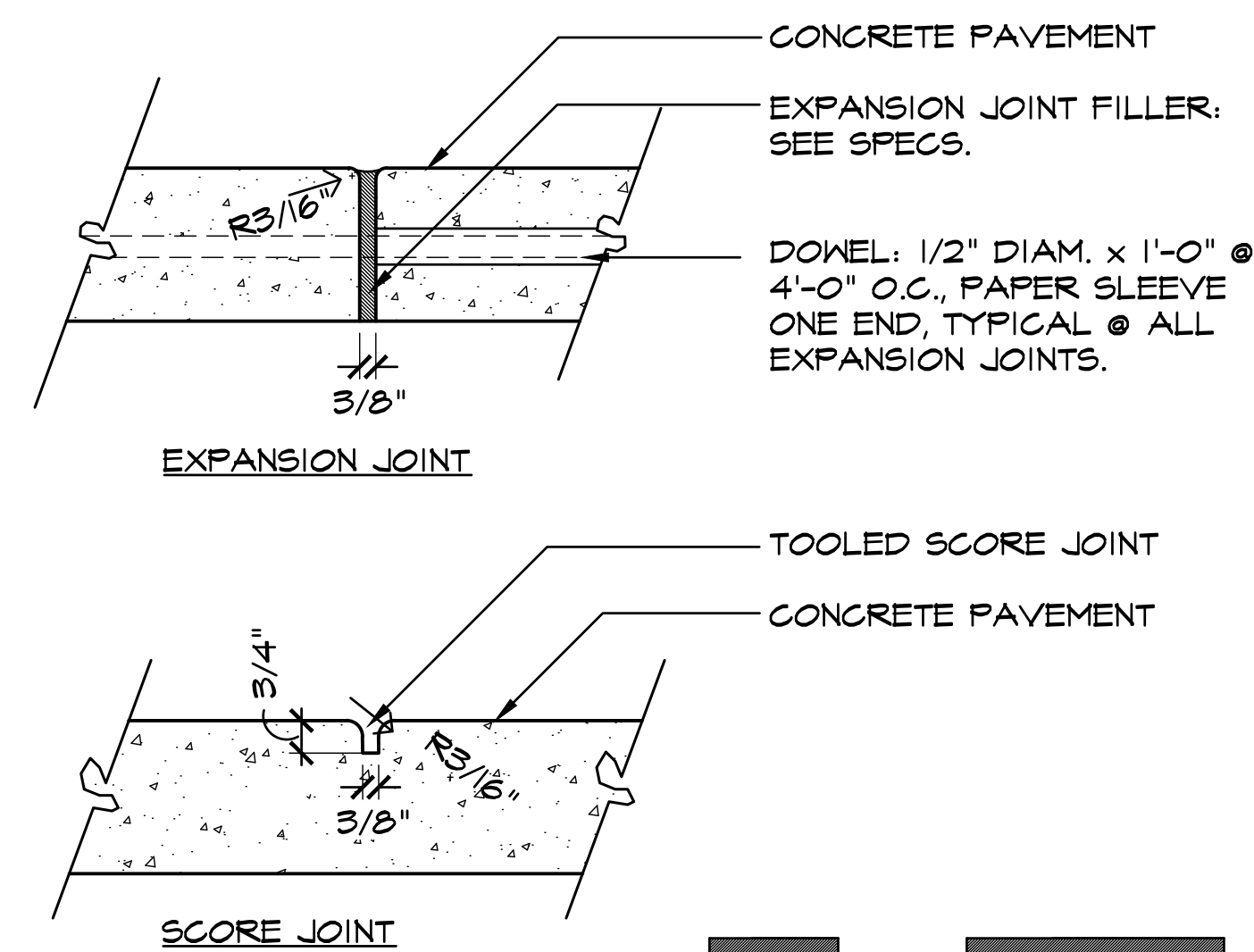
**1**  
**L9.1** DRINKING FOUNTAIN  
 CITY STANDARD DETAIL 825



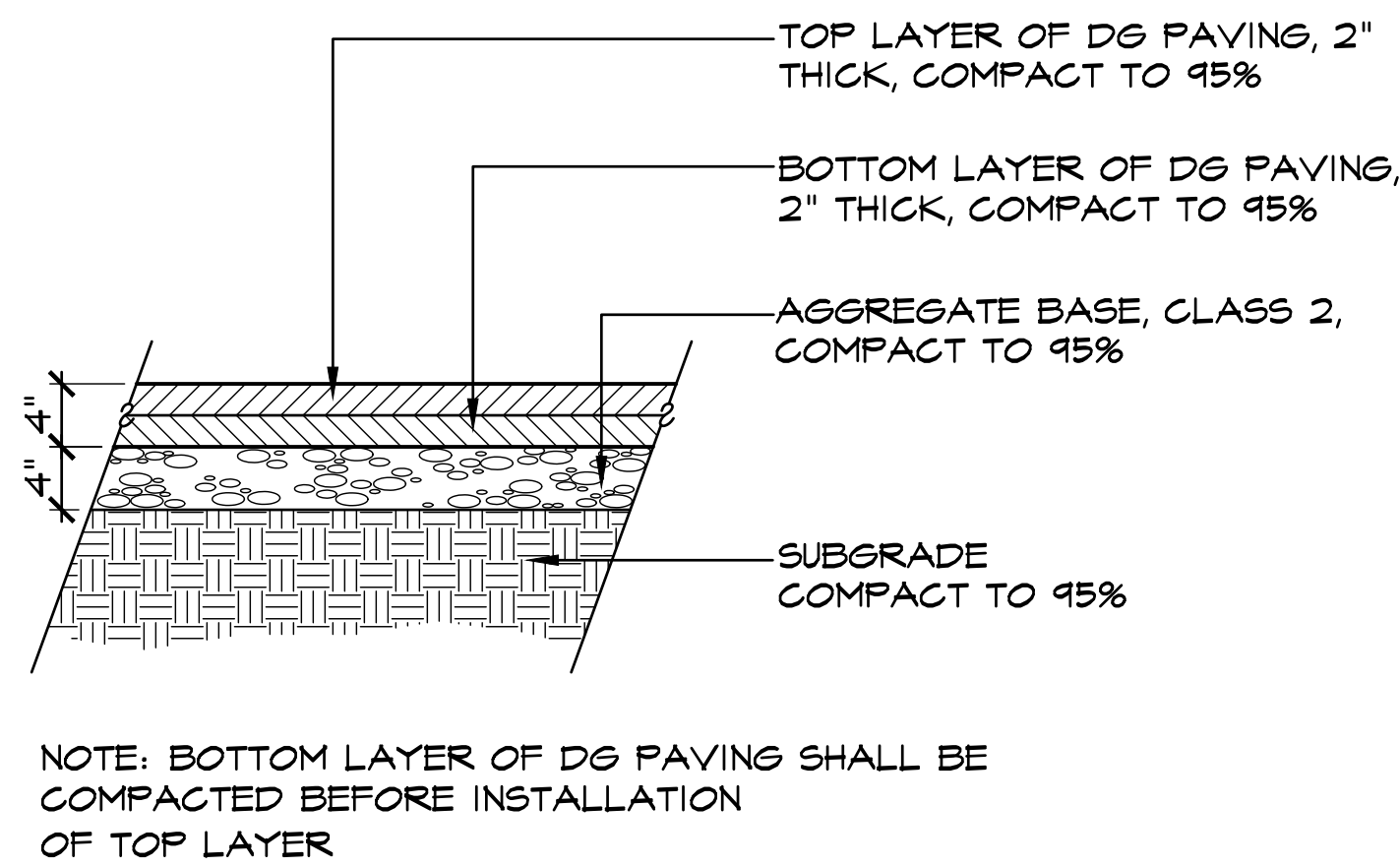
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**L9.1** UNSTABILIZED DECOMPOSED GRANITE  
 SECTION



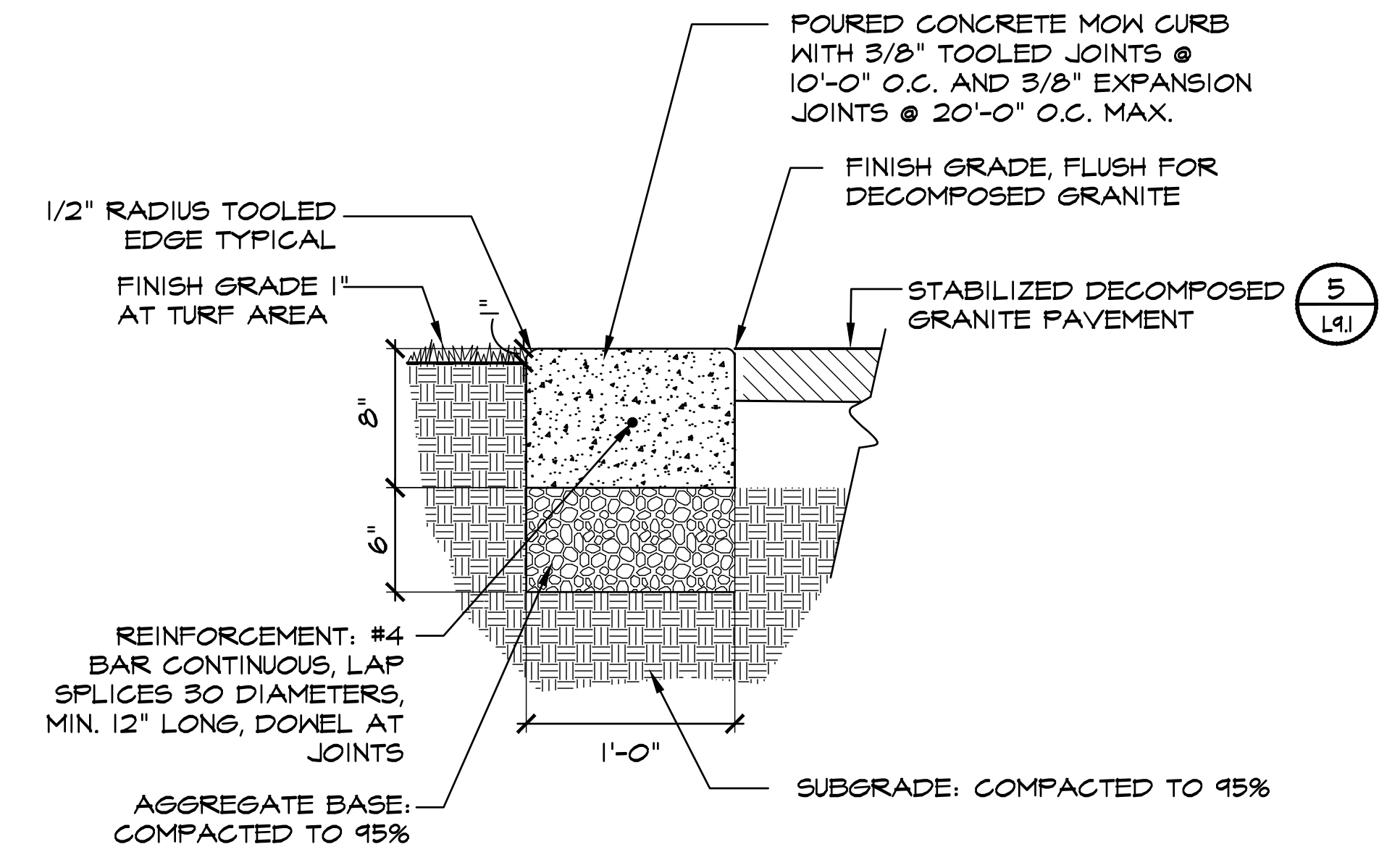
**3**  
**L9.1** CONCRETE PAVEMENT  
 SECTION



**4**  
**L9.1** CONCRETE JOINTS  
 PLAN AND SECTION



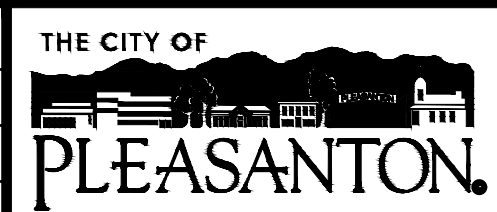
**5**  
**L9.1** STABILIZED DECOMPOSED GRANITE PAVEMENT  
 SECTION



**6**  
**L9.1** CONCRETE BAND  
 SECTION

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



CITY OF PLEASANTON  
 Department of Public Works

ADAM M. NELKIE  
 CITY ENGINEER  
 NO. 78830  
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LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
 (Project No. 06716)  
 CONSTRUCTION DETAILS



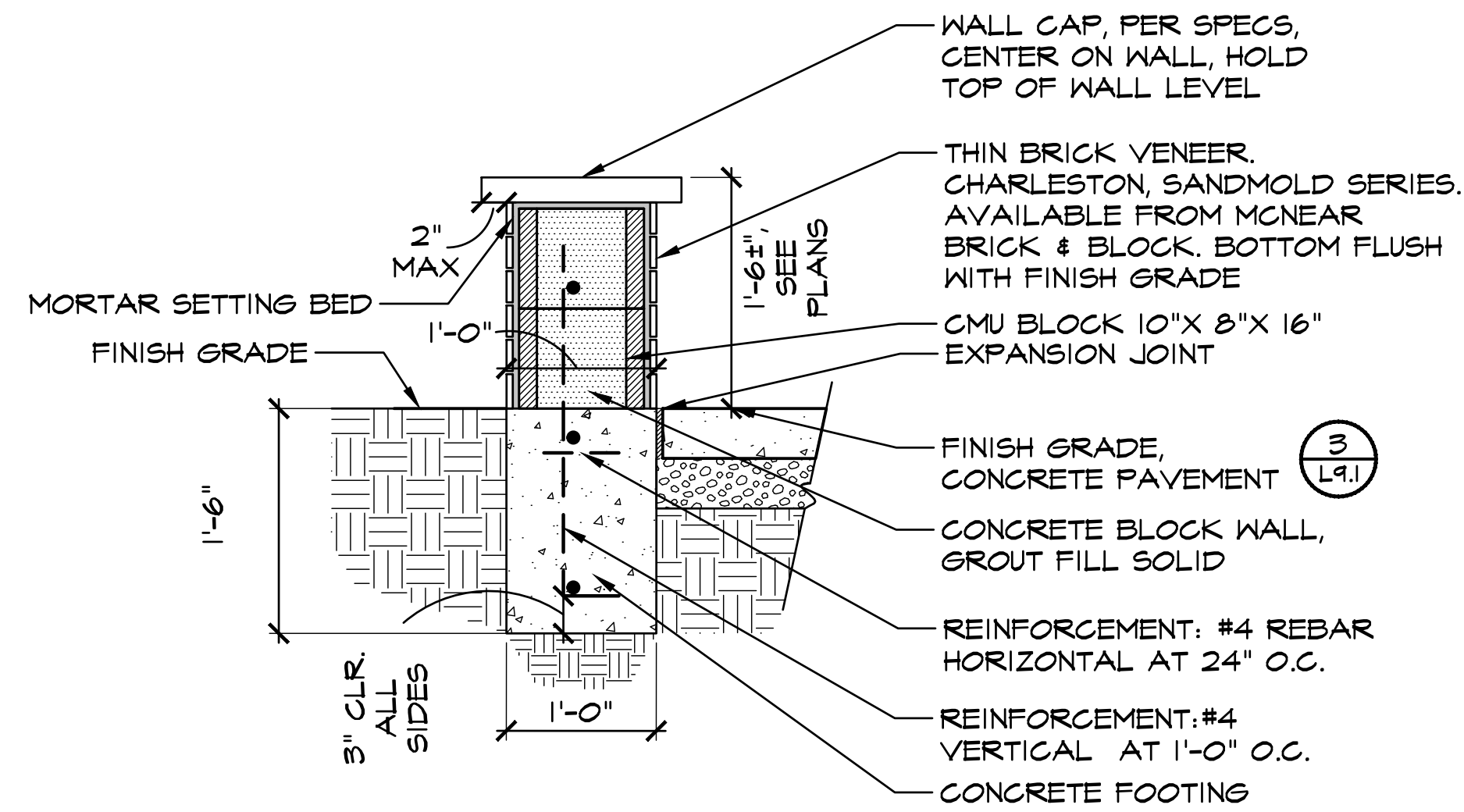
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 DATE: JUNE 18, 2024

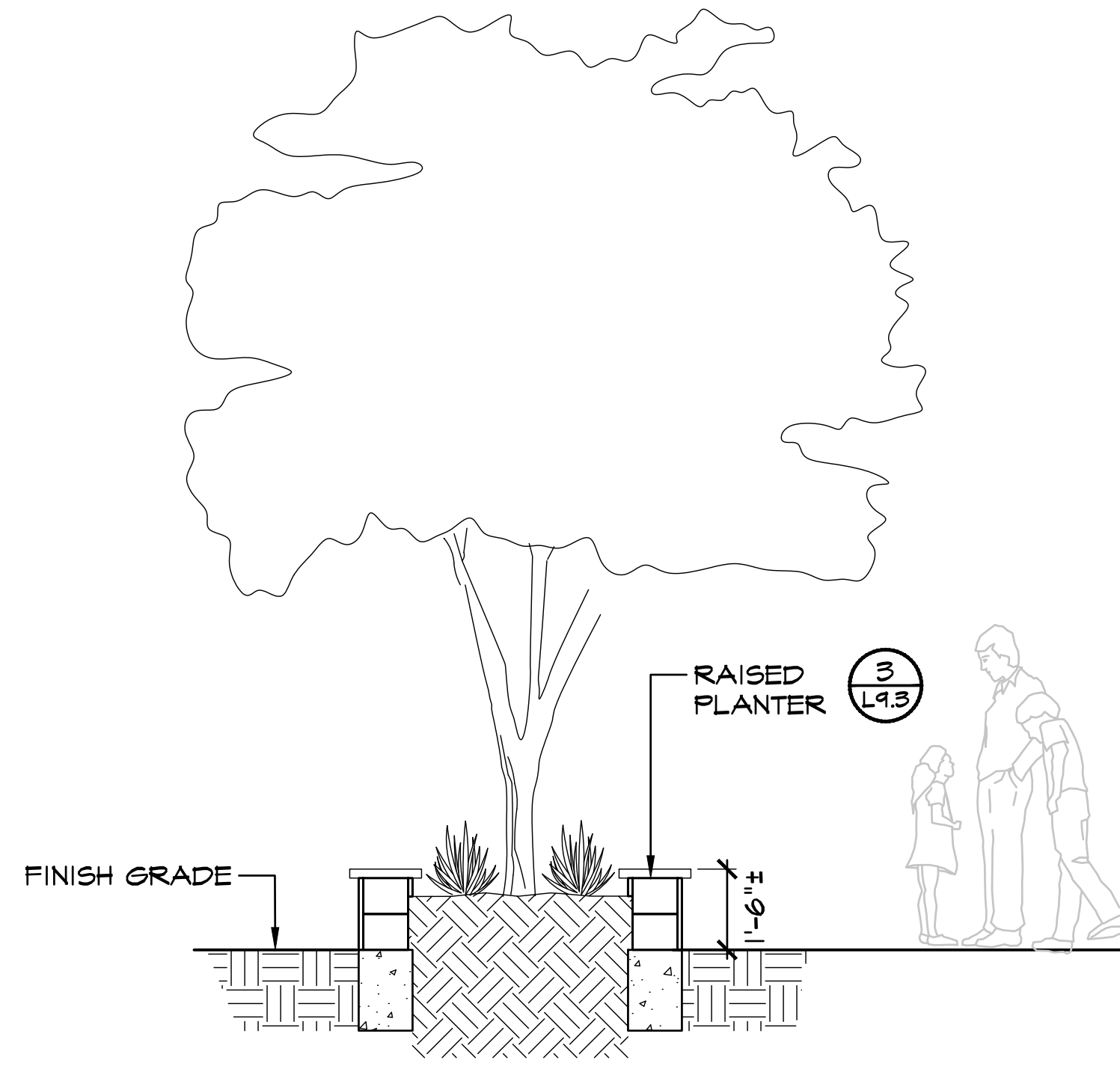
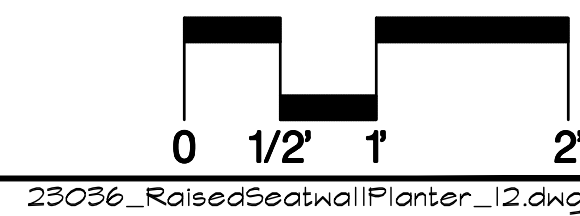


DWG NO.  
 L9.1  
 22 OF 41

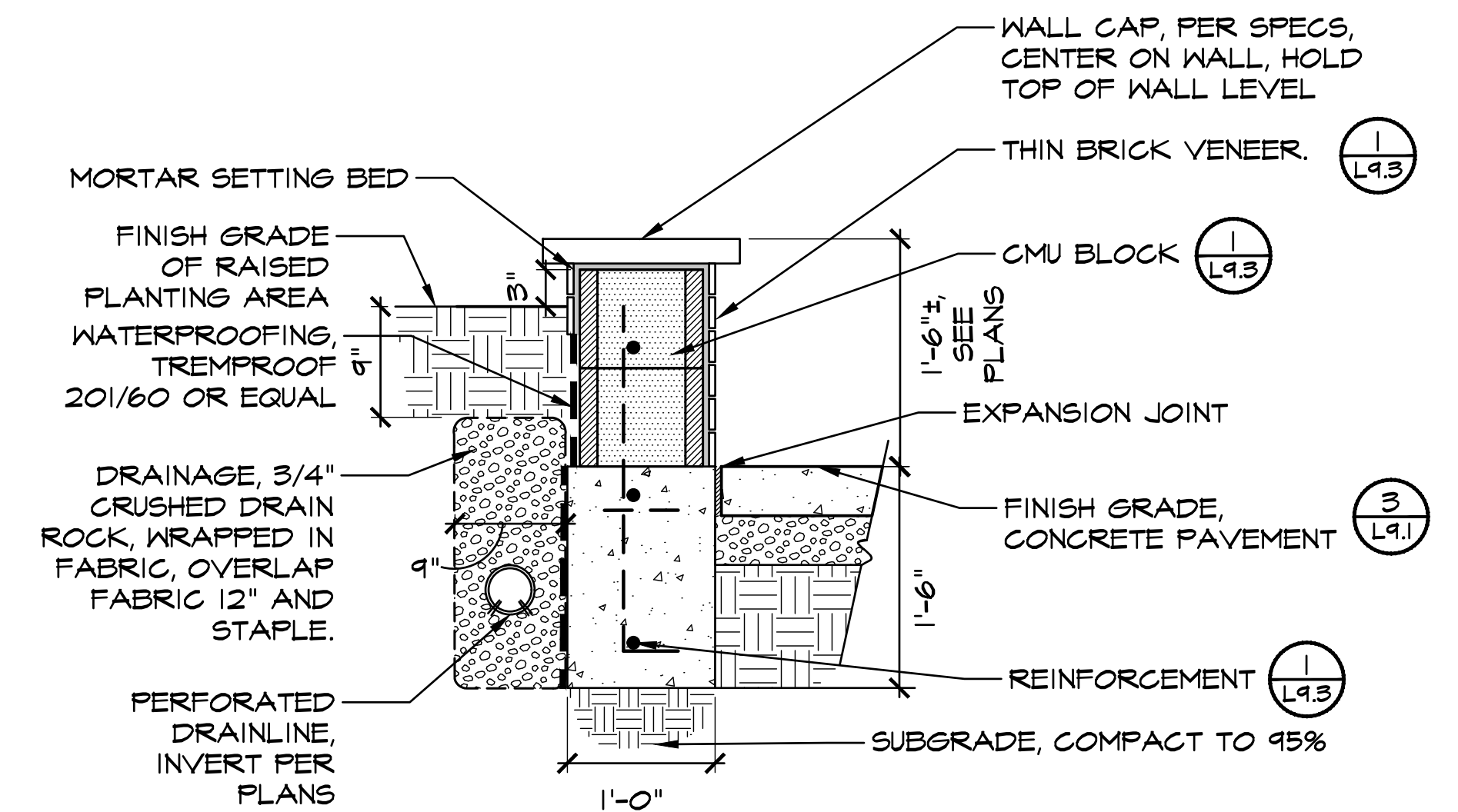




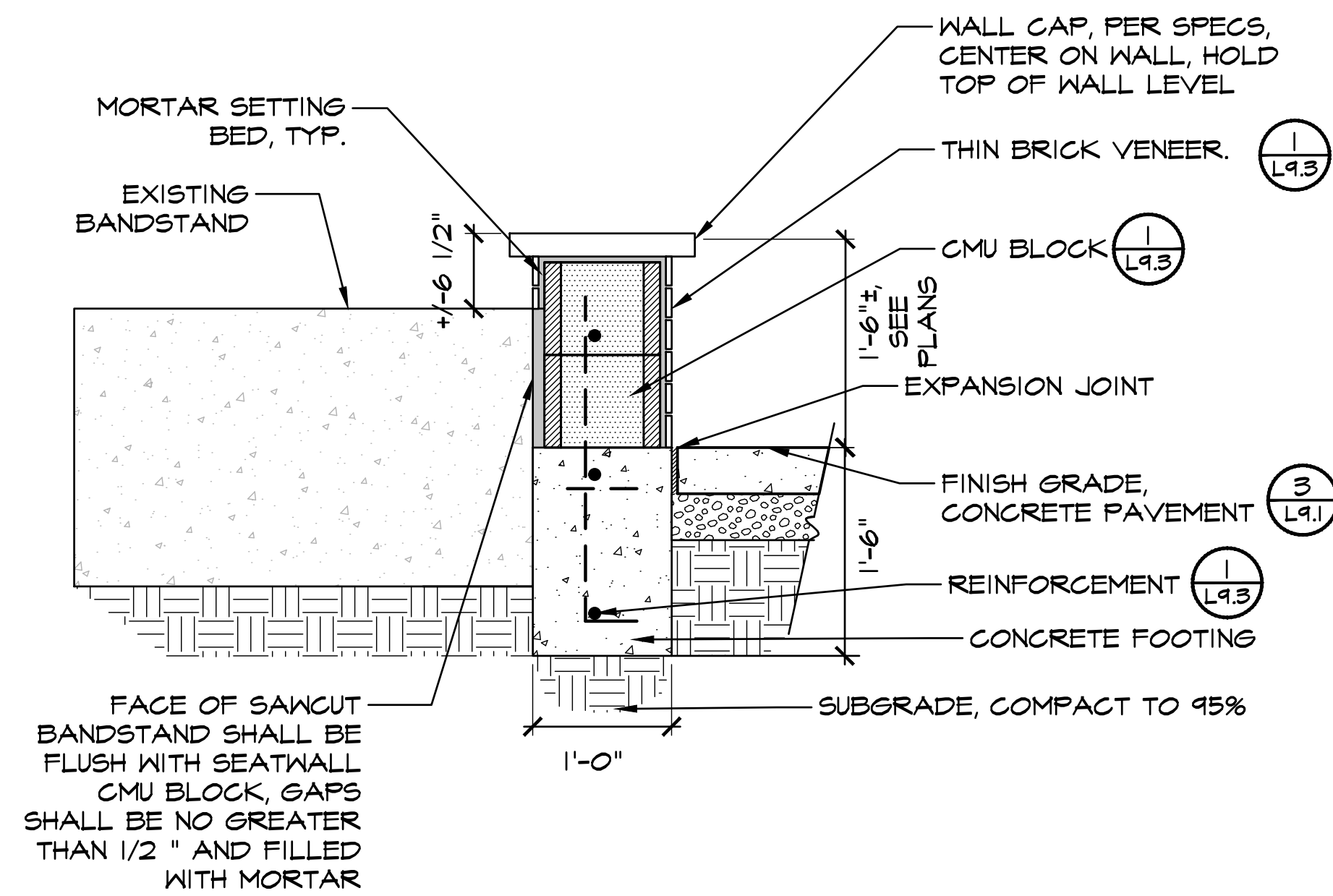
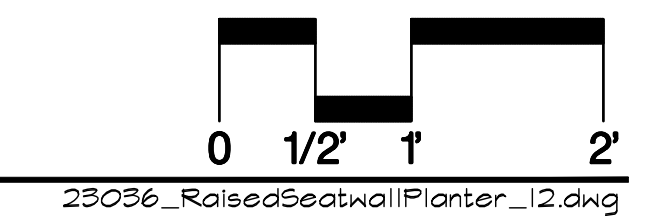
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**L9.3** SEATWALL SECTION



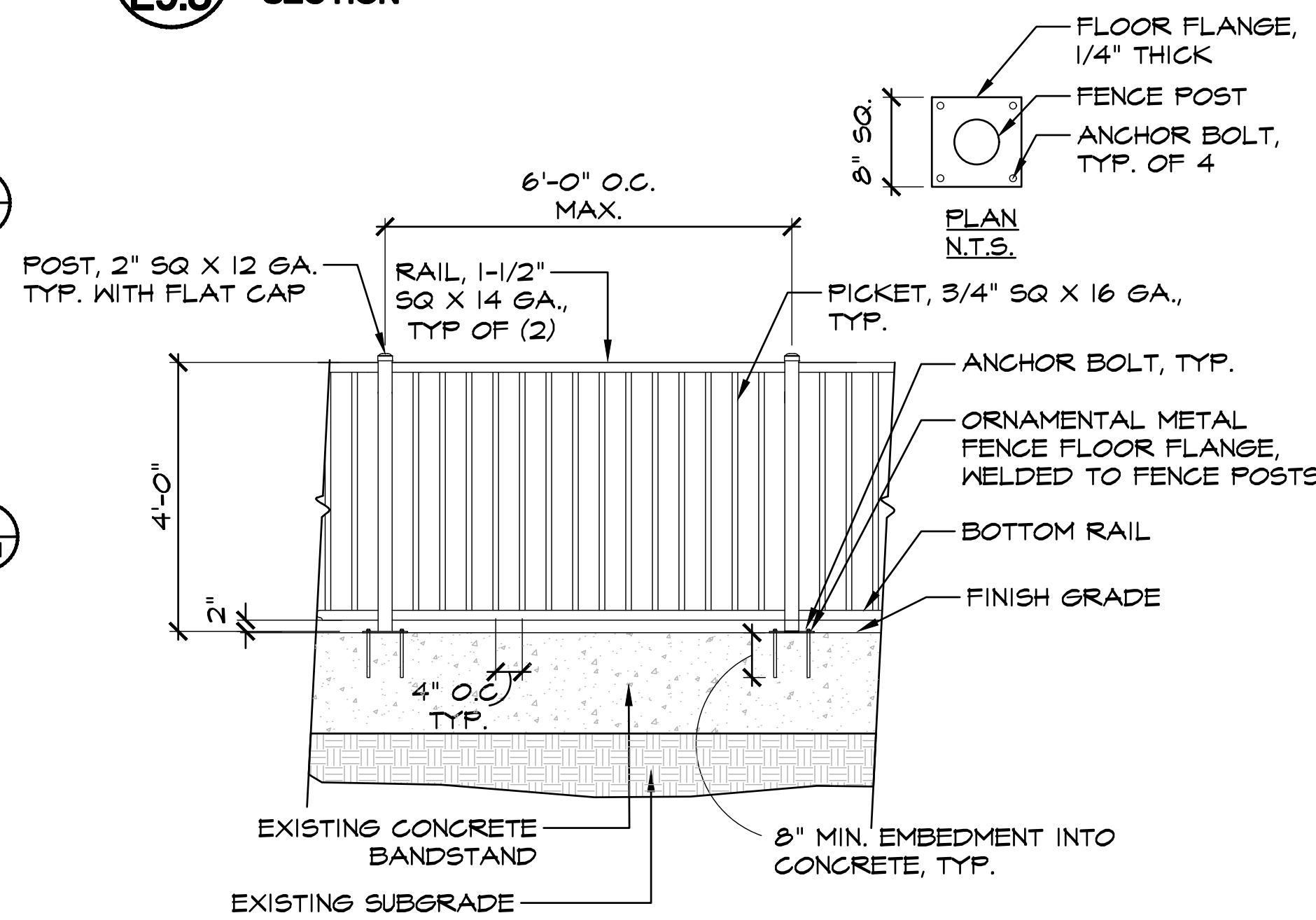
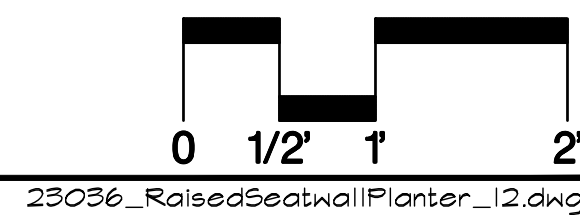
**2**  
**L9.3** RAISED PLANTER SECTION



**3**  
**L9.3** RAISED PLANTER SECTION



**4**  
**L9.3** SEATWALL AT EXISTING BANDSTAND SECTION

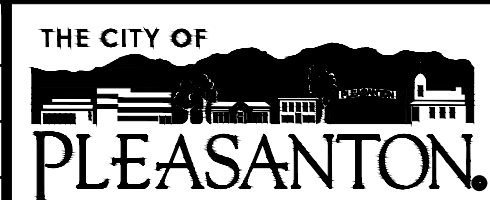


**5**  
**L9.3** ORNAMENTAL METAL FENCE SECTION N.T.S.



**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
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CITY ENGINEER  
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LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
CONSTRUCTION DETAILS



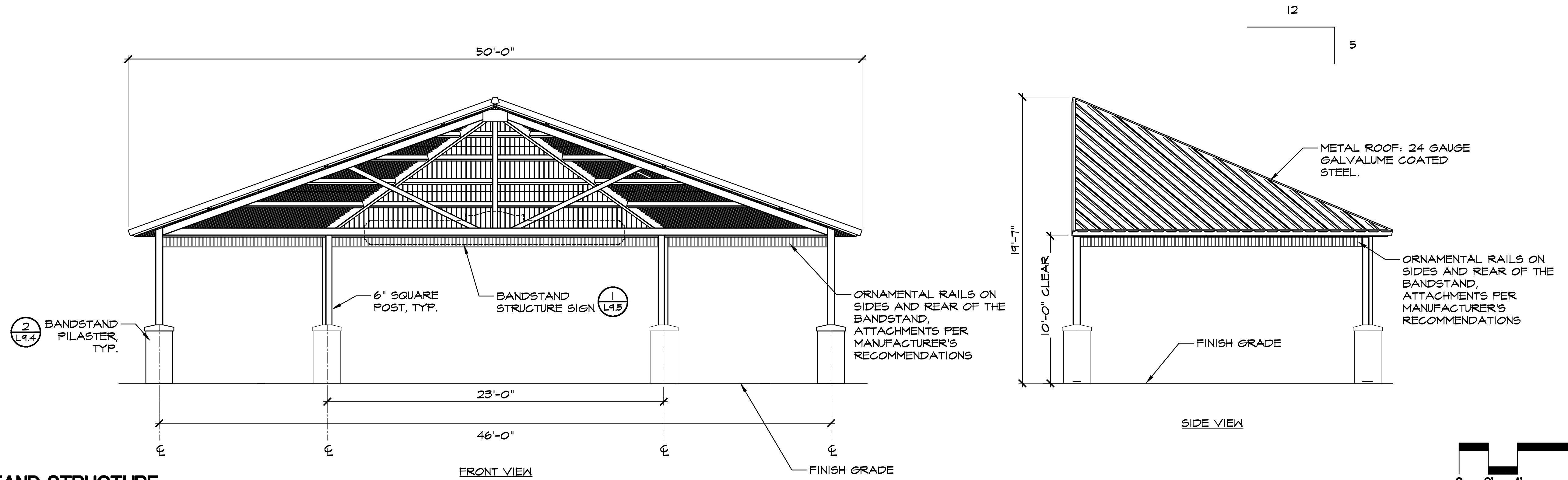
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PROJECT NO.:	CIP-06716
DATE:	JUNE 18, 2024

DWG NO.  
**L9.3**  
24 OF 41

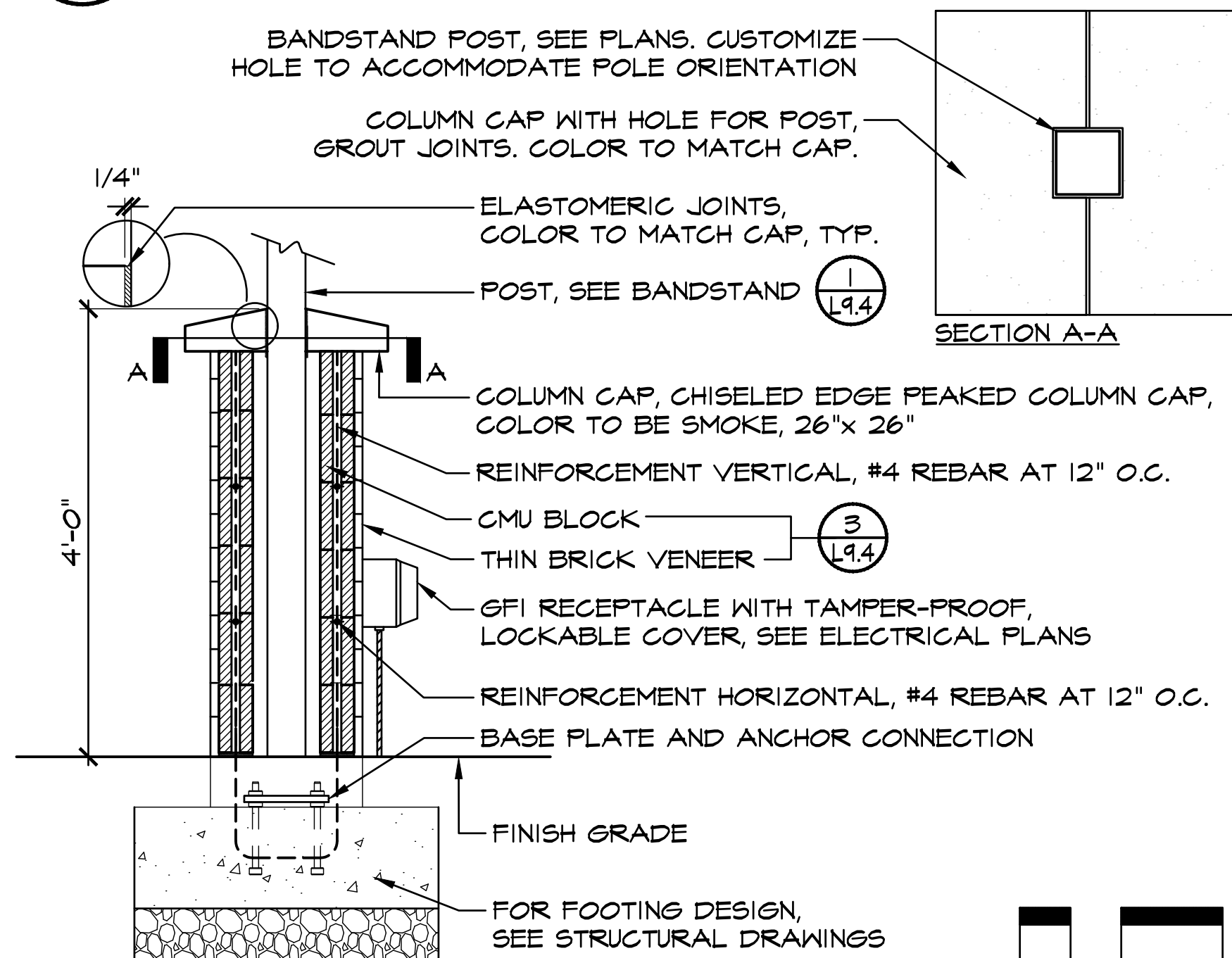






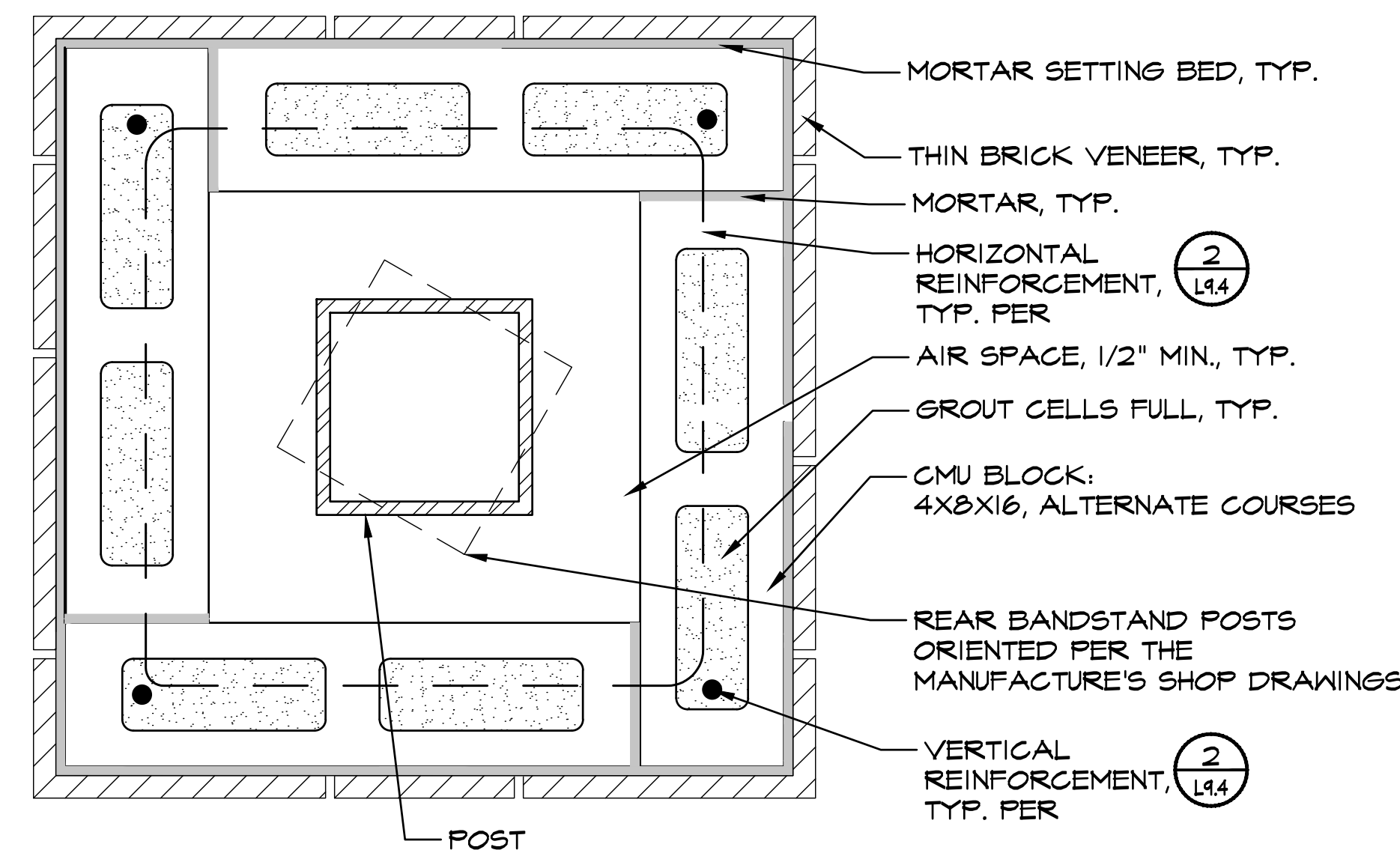
**1 BANDSTAND STRUCTURE ELEVATION**  
L9.4

23036\_Bandstand\_48.dwg



**2 BANDSTAND PILASTER SECTION**  
L9.4

23036\_BandstandPilaster\_16.dwg

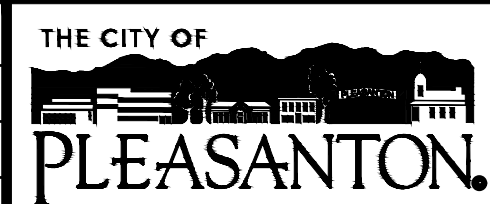


**3 BANDSTAND PILASTER SECTION**  
L9.4

23036\_StructurePilaster\_Section\_4.dwg

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
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	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
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LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
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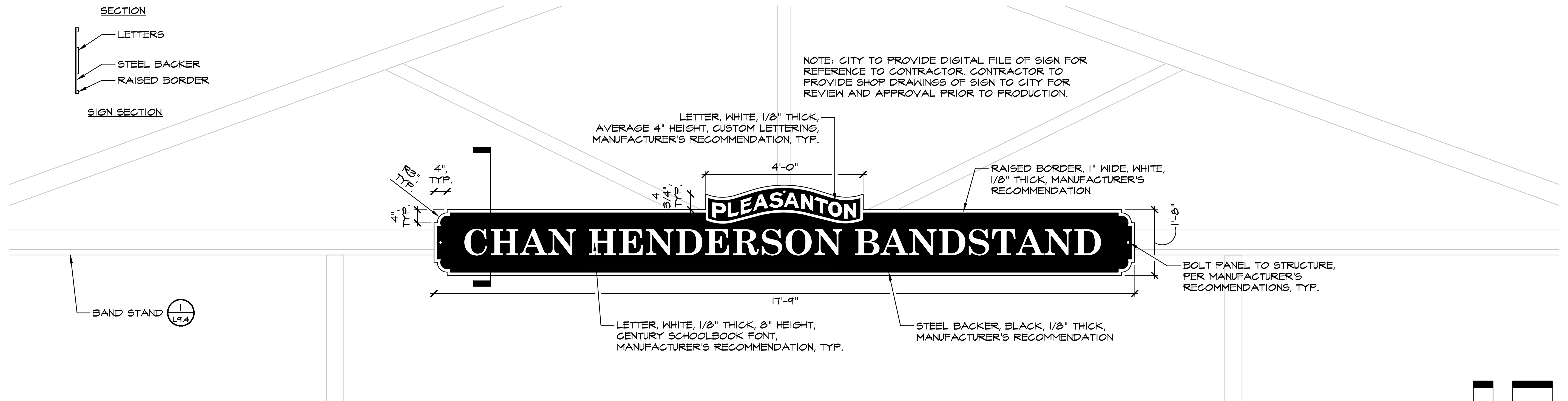


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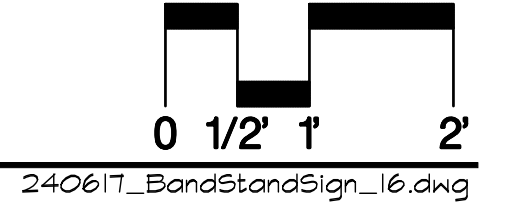
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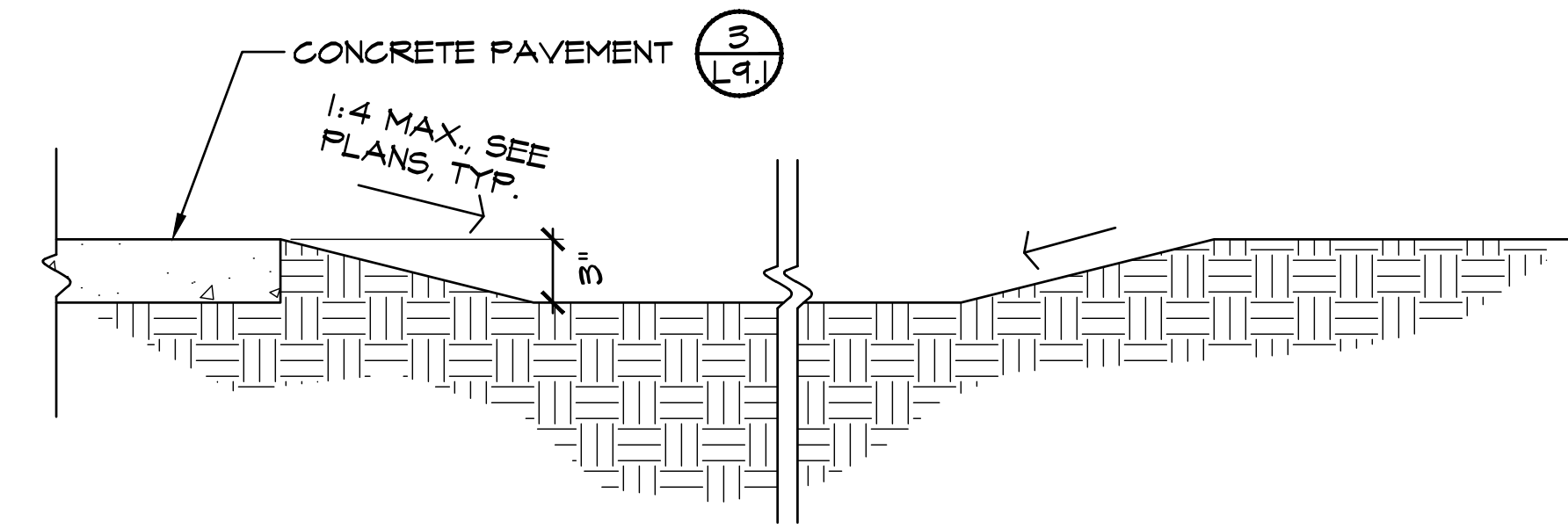
DWG NO.  
L9.4  
25 OF 41



**1**  
**L9.5** BANDSTAND STRUCTURE SIGN  
ELEVATION AND SECTION

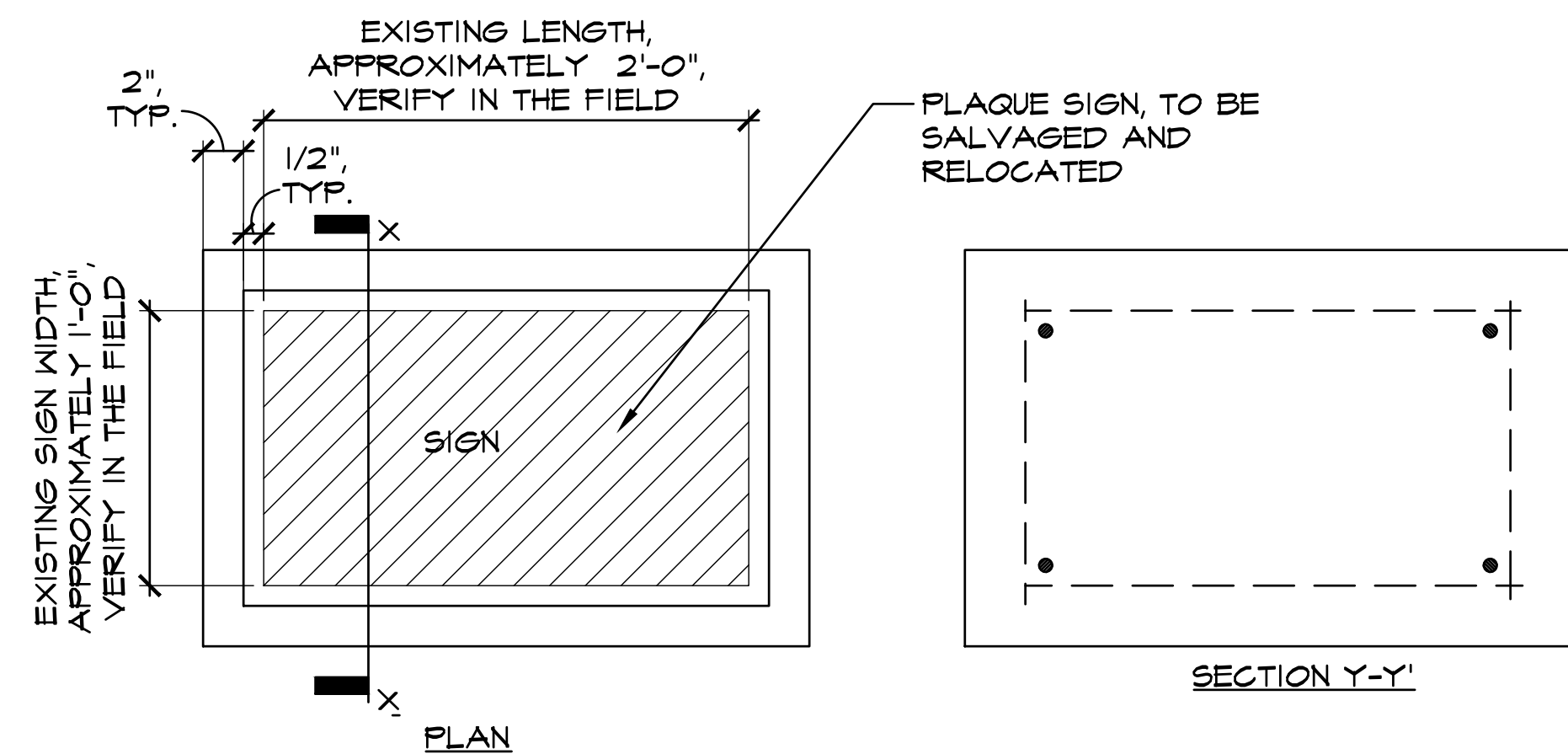


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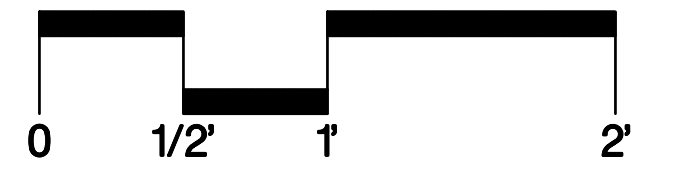
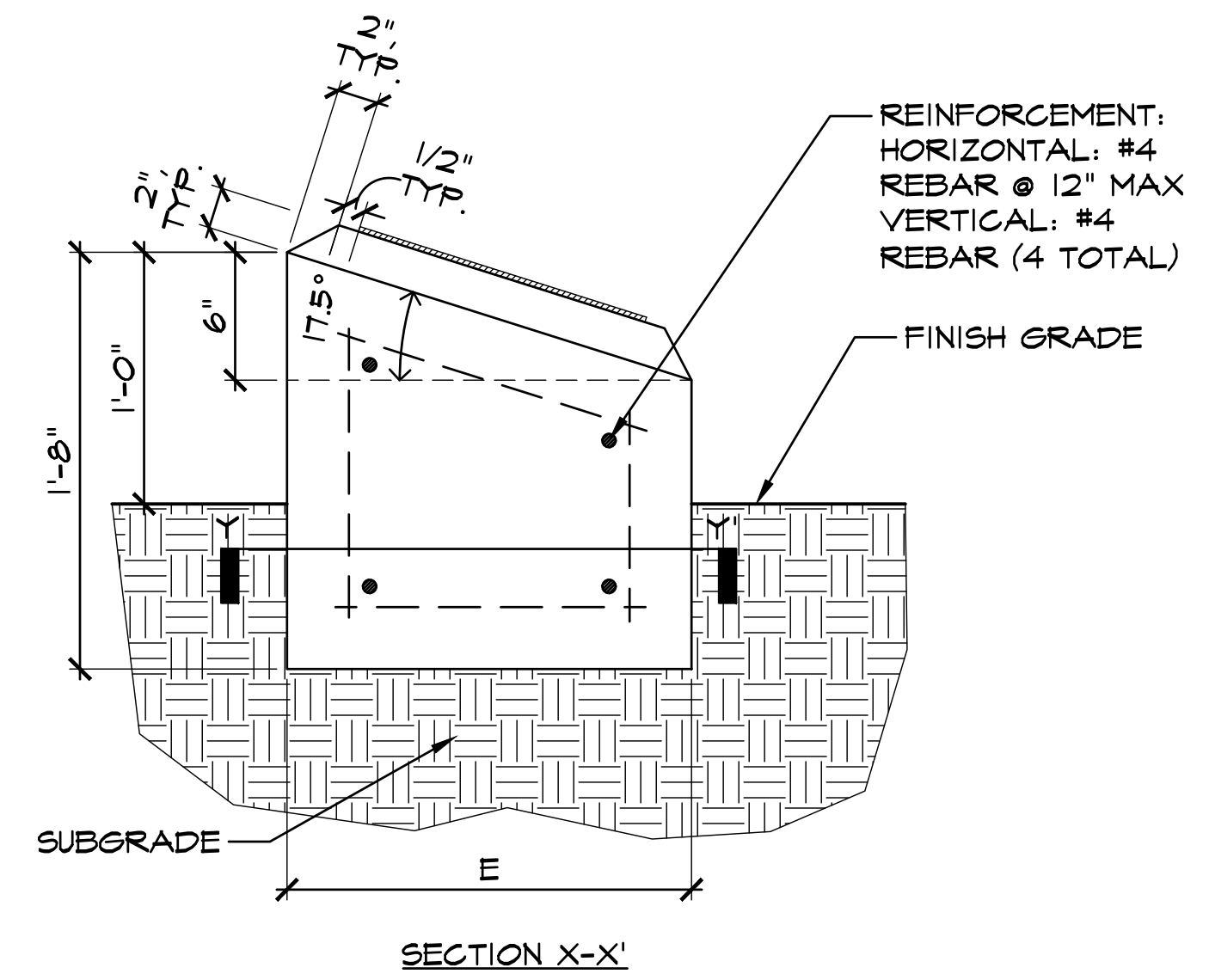


**2**  
**L9.5** SELF-RETAINING AREA  
SECTION

23036\_SelfRetainingArea\_8.dwg



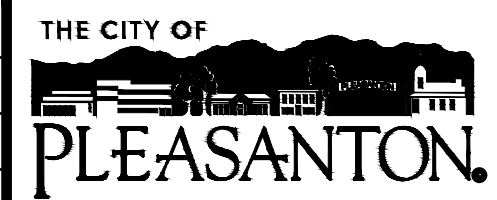
**3**  
**L9.5** DEDICATION PLAQUE  
PLAN AND SECTION



20029\_PlaqueBlock\_8.dwg

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
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	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
Department of Public Works

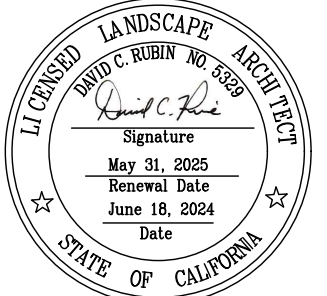
ADAM M. NELKIE  
CITY ENGINEER  
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LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
CONSTRUCTION DETAILS



DESIGN: GH  
DRAWN: BN  
CHECKED: BW/DR

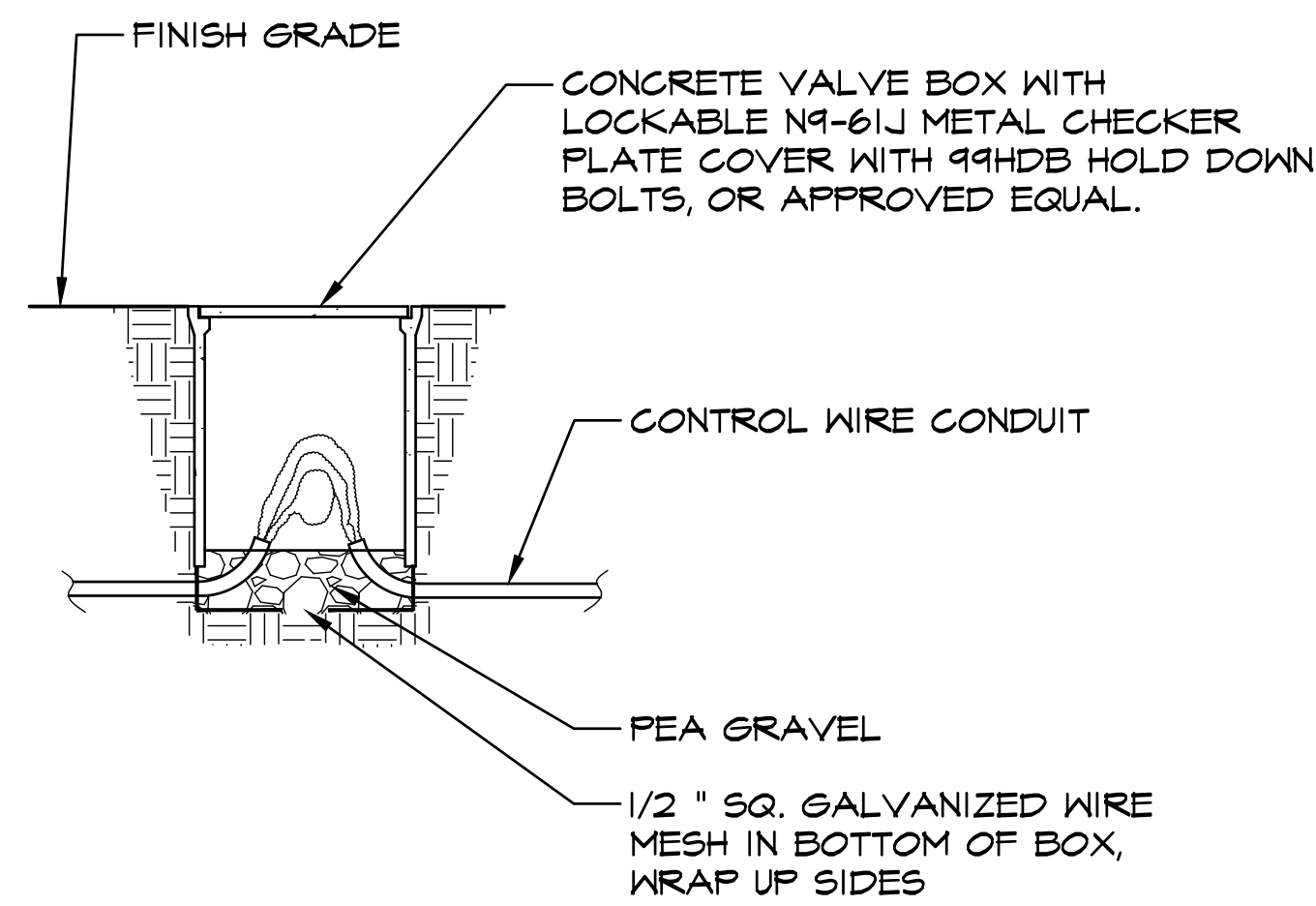
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PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024



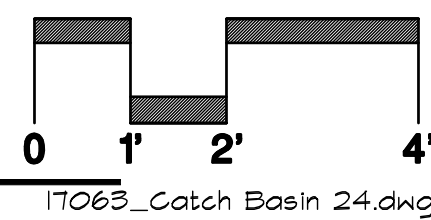
DWG NO.  
**L9.5**  
26 OF 41

**NOTES:**

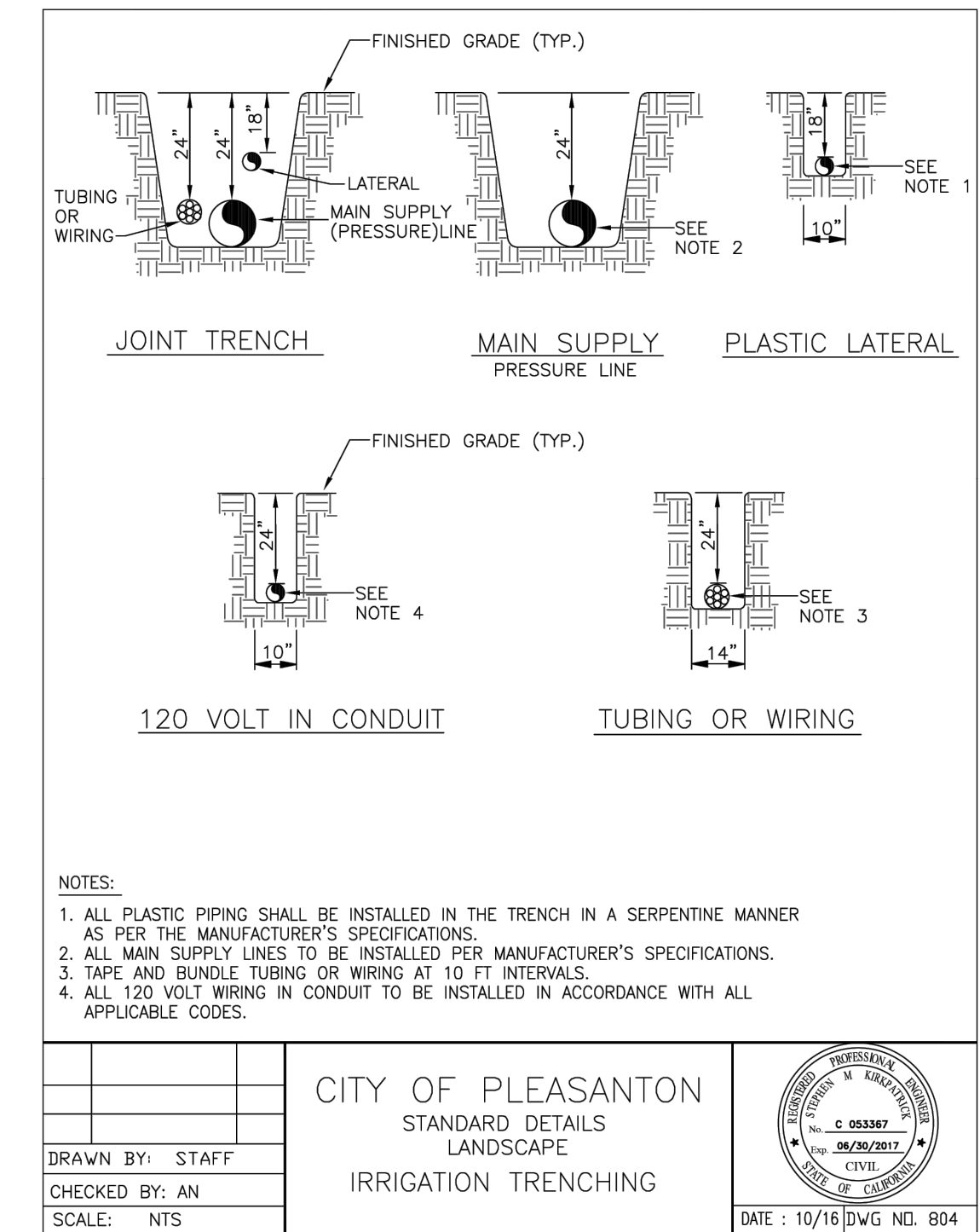
LOOP ALL CONTROL WIRES UP INTO A BOX A MIN OF 3 FEET, INCLUDING 5 EXTRA WIRES



**1**  
**L9.6** CONTROL WIRE JUNCTION BOX SECTION



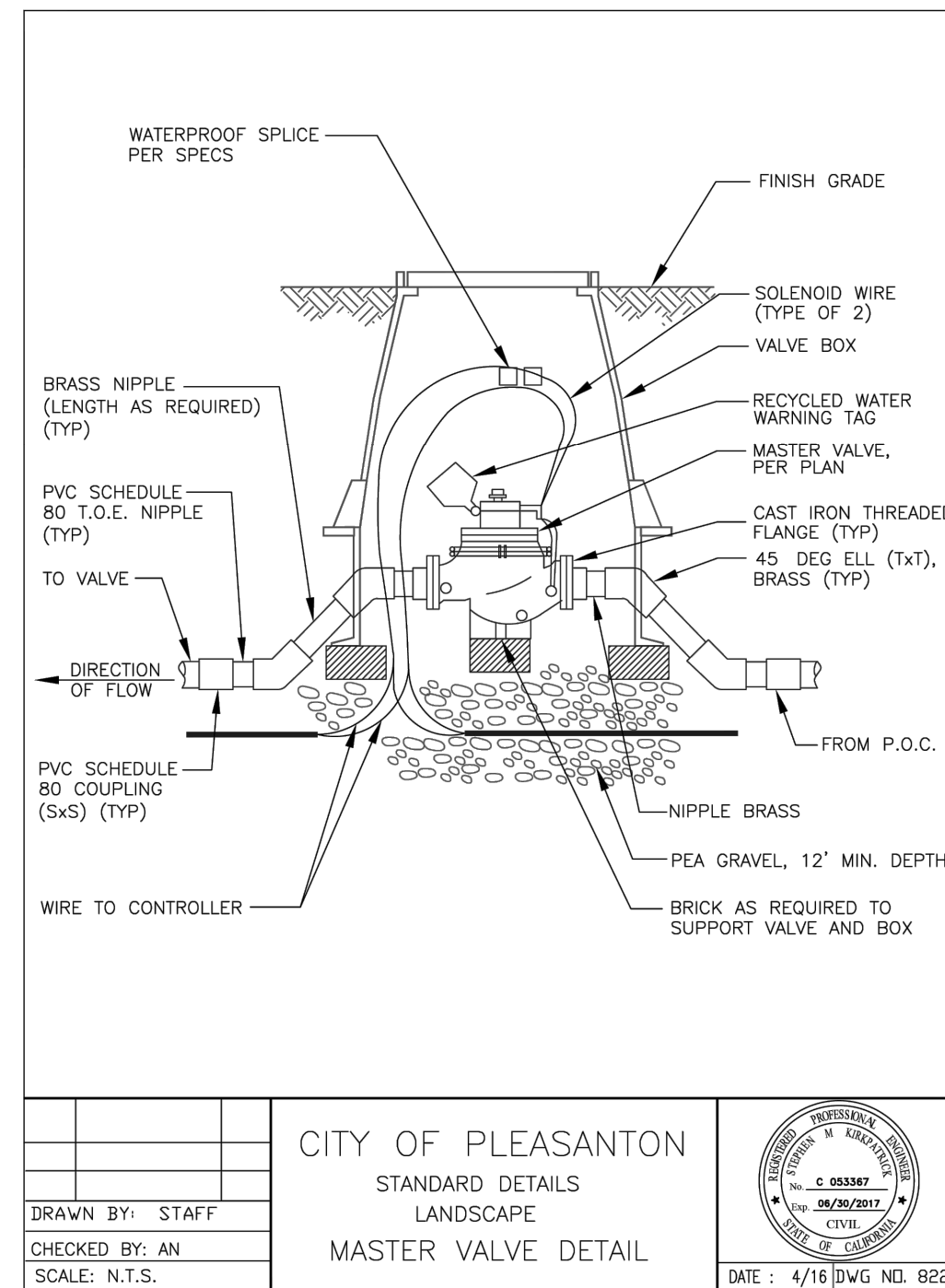
**2**  
**L9.6** NOT USED



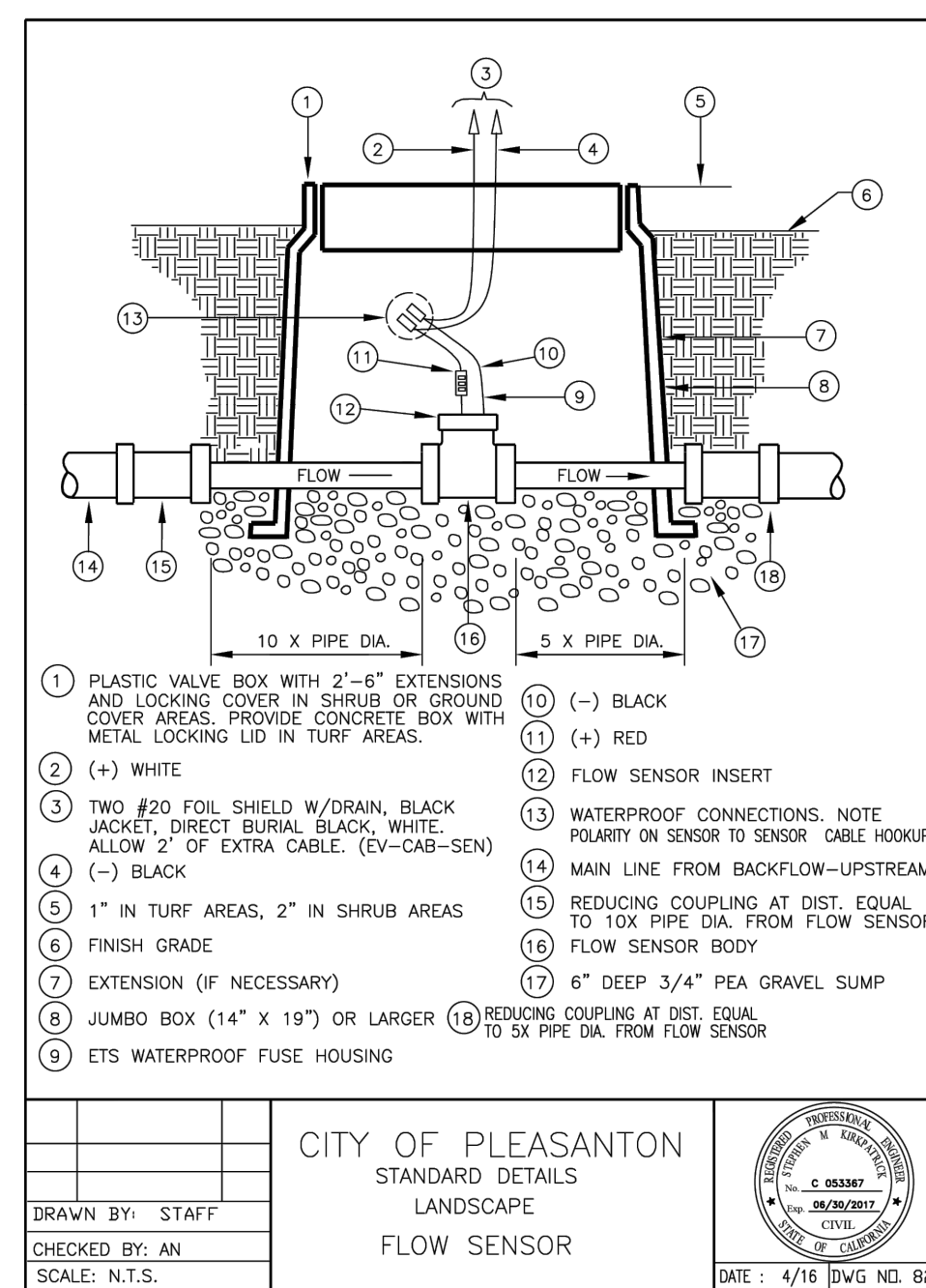
**NOTES:**  
1. ALL PLASTIC PIPING SHALL BE INSTALLED IN THE TRENCH IN A SERPENTINE MANNER AS PER THE MANUFACTURER'S SPECIFICATIONS.  
2. ALL MAIN SUPPLY LINES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.  
3. TAPE AND BUNDLE TUBING OR WIRING AT 10 FT INTERVALS.  
4. ALL 120 VOLT WIRING IN CONDUIT TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES.

CITY OF PLEASANTON STANDARD DETAILS LANDSCAPE IRRIGATION TRENCHING		
DRAWN BY: STAFF	DATE: 10/16 [DWG NO. 804]	
CHECKED BY: AN		
SCALE: NTS		

**3**  
**L9.6** IRRIGATION TRENCHING CITY STANDARD DETAIL 804



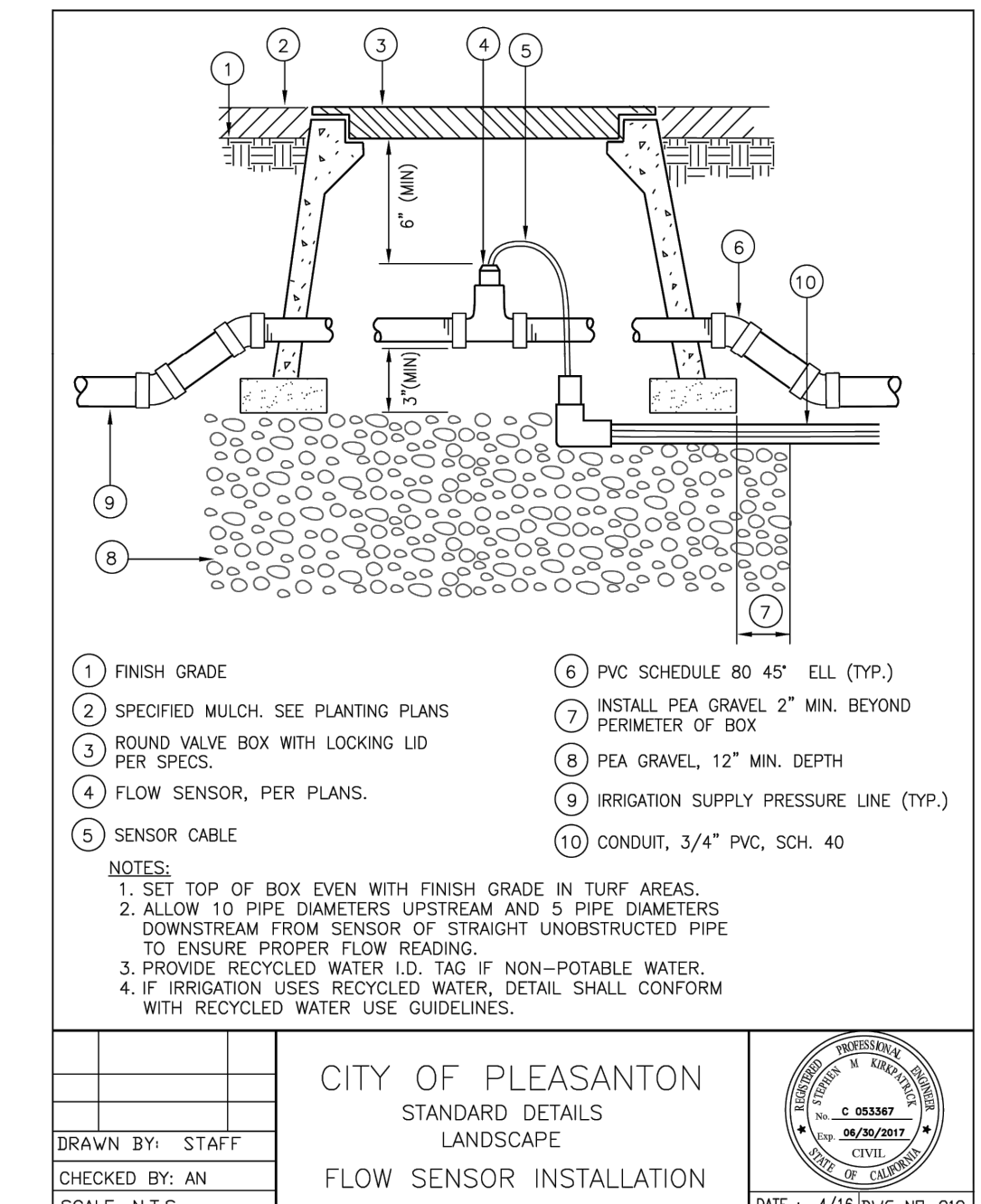
**4**  
**L9.6** MASTER VALVE CITY STANDARD DETAIL 822



- 1 PLASTIC VALVE BOX WITH 2'-6" EXTENSIONS AND LOCKING COVER IN SHRUB OR GROUND COVER AREAS. PROVIDE CONCRETE BOX WITH METAL LOCKING LID IN TURF AREAS.
- 2 (+) WHITE
- 3 TWO #20 FOIL SHIELD W/ DRAIN, BLACK JACKET, DIRECT BURIAL, BLACK, WHITE. ALLOW 2' OF EXTRA CABLE. (EV-CAB-SEN)
- 4 (-) BLACK
- 5 1" IN TURF AREAS, 2" IN SHRUB AREAS
- 6 FINISH GRADE
- 7 EXTENSION (IF NECESSARY)
- 8 JUMBO BOX (14" X 19") OR LARGER
- 9 ETS WATERPROOF FUSE HOUSING
- 10 (-) BLACK
- 11 (+) RED
- 12 FLOW SENSOR INSERT
- 13 WATERPROOF CONNECTIONS. NOTE POLARITY ON SENSOR TO SENSOR CABLE HOOKUP
- 14 MAIN LINE FROM BACKFLOW-UPSTREAM
- 15 REDUCING COUPLING AT DIST. EQUAL TO 10X PIPE DIA. FROM FLOW SENSOR
- 16 FLOW SENSOR BODY
- 17 6" DEEP 3/4" PEA GRAVEL SLUMP
- 18 REDUCING COUPLING AT DIST. EQUAL TO 5X PIPE DIA. FROM FLOW SENSOR

CITY OF PLEASANTON STANDARD DETAILS LANDSCAPE FLOW SENSOR		
DRAWN BY: STAFF	DATE: 4/16 [DWG NO. 823]	
CHECKED BY: AN		
SCALE: N.T.S.		

**5**  
**L9.6** FLOW SENSOR CITY STANDARD DETAIL 823



- 1 FINISH GRADE
- 2 SPECIFIED MULCH. SEE PLANTING PLANS
- 3 ROUND VALVE BOX WITH LOCKING LID PER SPECS.
- 4 FLOW SENSOR, PER PLANS.
- 5 SENSOR CABLE
- 6 PVC SCHEDULE 80 45' ELL (TYP.)
- 7 INSTALL PEA GRAVEL 2" MIN. BEYOND PERIMETER OF BOX
- 8 PEA GRAVEL, 12" MIN. DEPTH
- 9 IRRIGATION SUPPLY PRESSURE LINE (TYP.)
- 10 CONDUIT, 3/4" PVC, SCH. 40

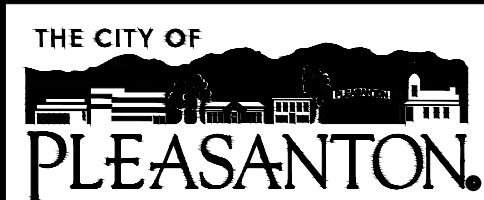
**NOTES:**  
1. SET TOP OF BOX EVEN WITH FINISH GRADE IN TURF AREAS.  
2. ALLOW 10 PIPE DIAMETERS UPSTREAM AND 5 PIPE DIAMETERS DOWNSTREAM FROM SENSOR OF STRAIGHT UNOBSTRUCTED PIPE TO ENSURE PROPER FLOW READING.  
3. PROVIDE RECYCLED WATER I.D. TAG IF NON-POTABLE WATER.  
4. IF IRRIGATION USES RECYCLED WATER, DETAIL SHALL CONFORM WITH RECYCLED WATER USE GUIDELINES.

CITY OF PLEASANTON STANDARD DETAILS LANDSCAPE FLOW SENSOR INSTALLATION		
DRAWN BY: STAFF	DATE: 4/16 [DWG NO. 819]	
CHECKED BY: AN		
SCALE: N.T.S.		

**6**  
**L9.6** FLOW SENSOR INSTALLATION CITY STANDARD 819

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
CONSTRUCTION DETAILS

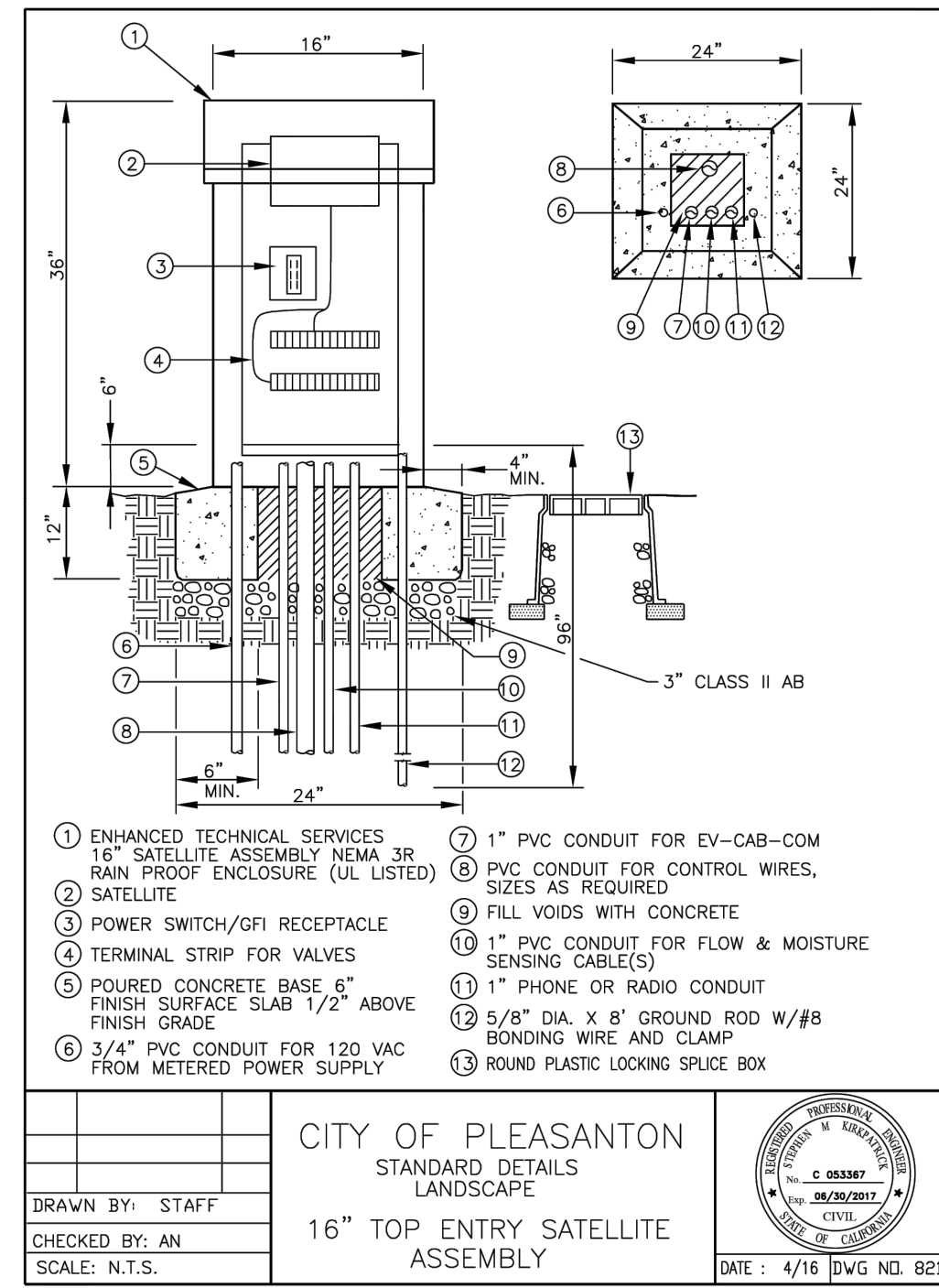


DESIGN: GH  
DRAWN: BN  
CHECKED: BW/DR

SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

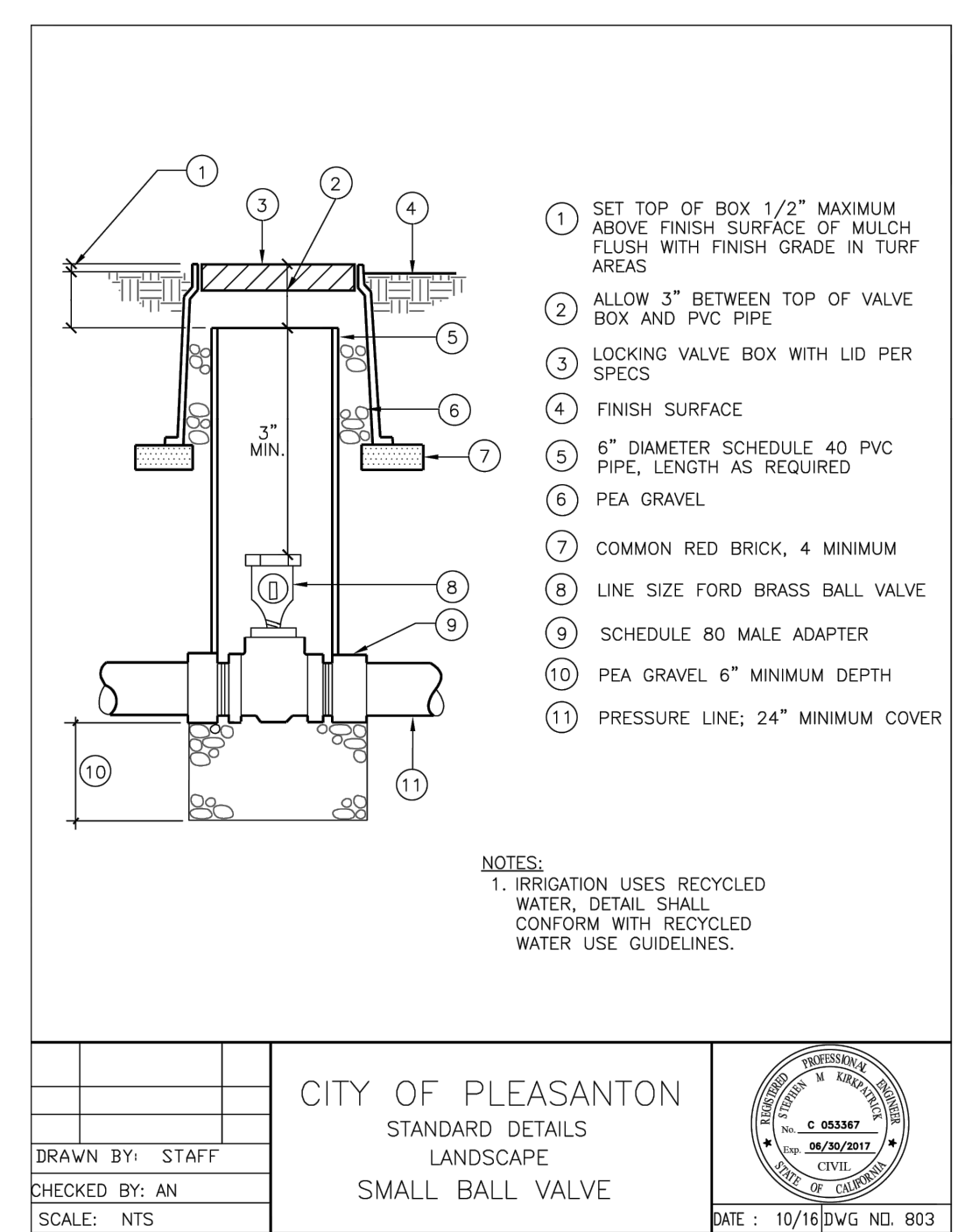
DWG NO. L9.6  
27 OF 41



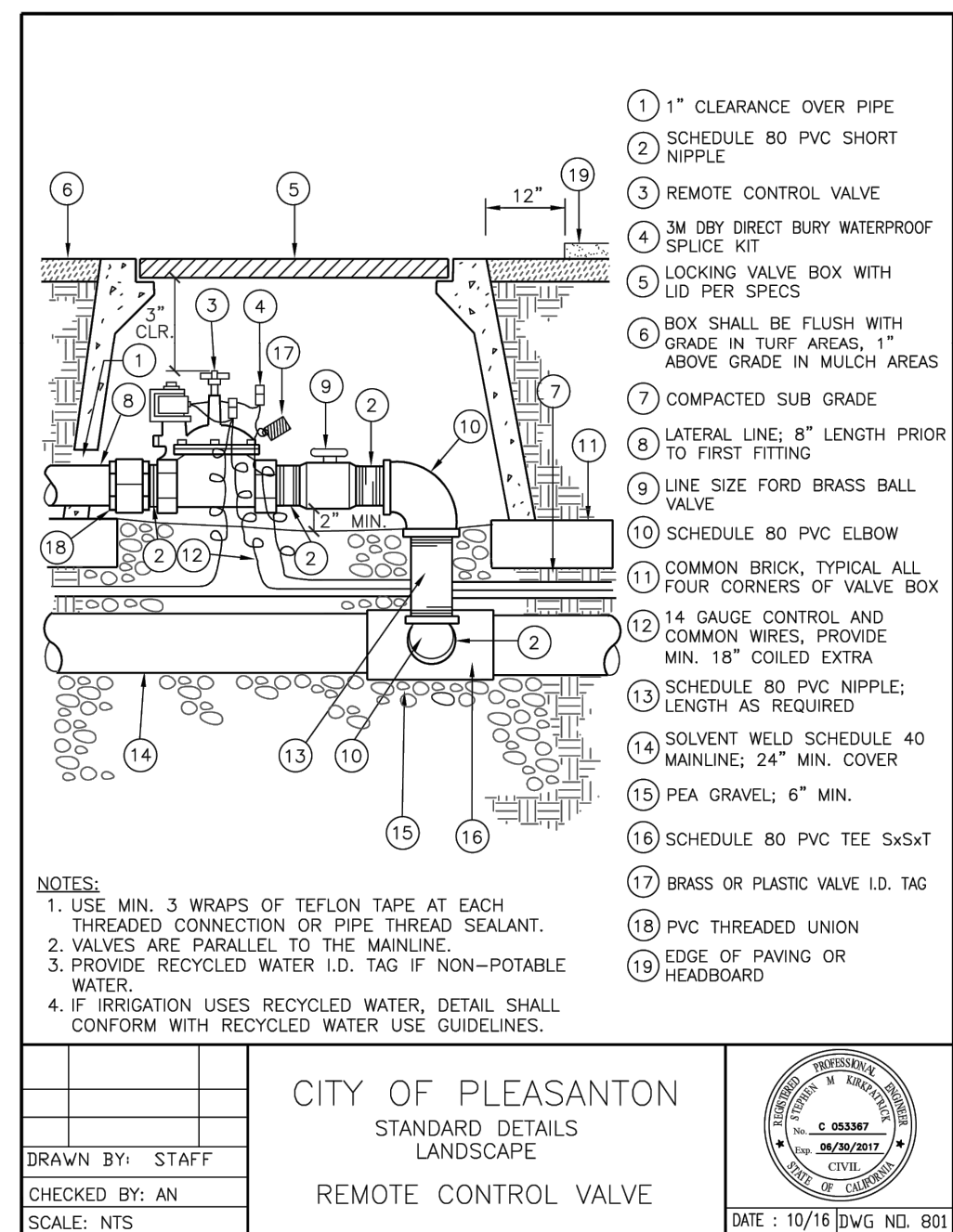


**1**  
**L9.7** IRRIGATION CONTROLLER  
CITY STANDARD DETAIL 821

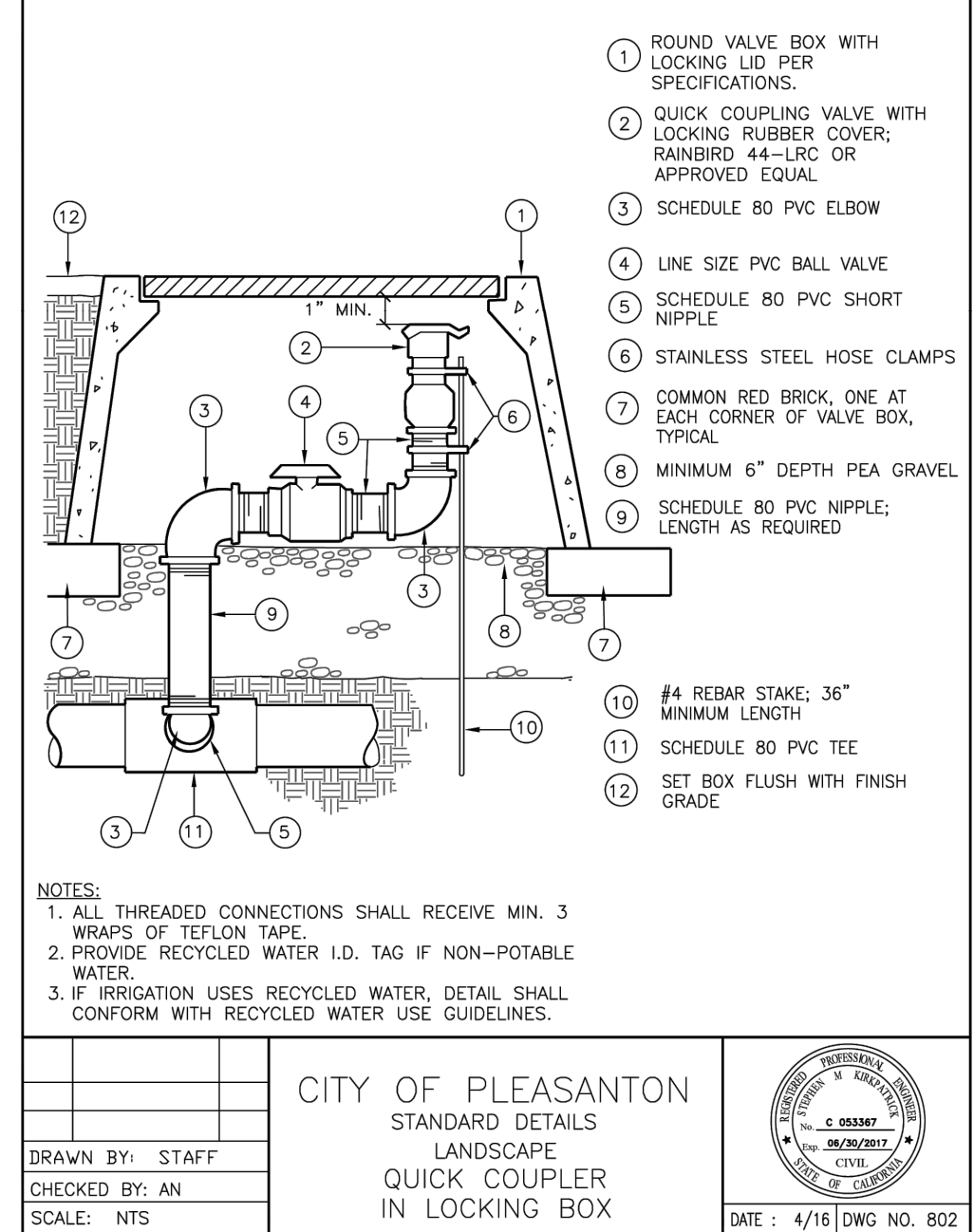
**2**  
**L9.7** NOT USED



**3**  
**L9.7** GATE VALVE  
CITY STANDARD DETAIL 803



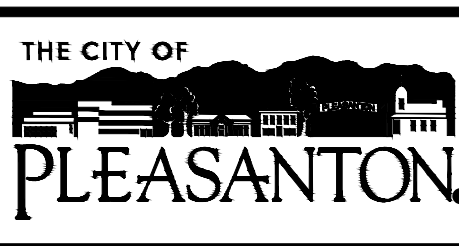
**4**  
**L9.7** REMOTE CONTROL VALVE  
CITY STANDARD DETAIL 801



**5**  
**L9.7** QUICK COUPLING VALVE  
CITY STANDARD DETAIL 802

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
Department of Public Works

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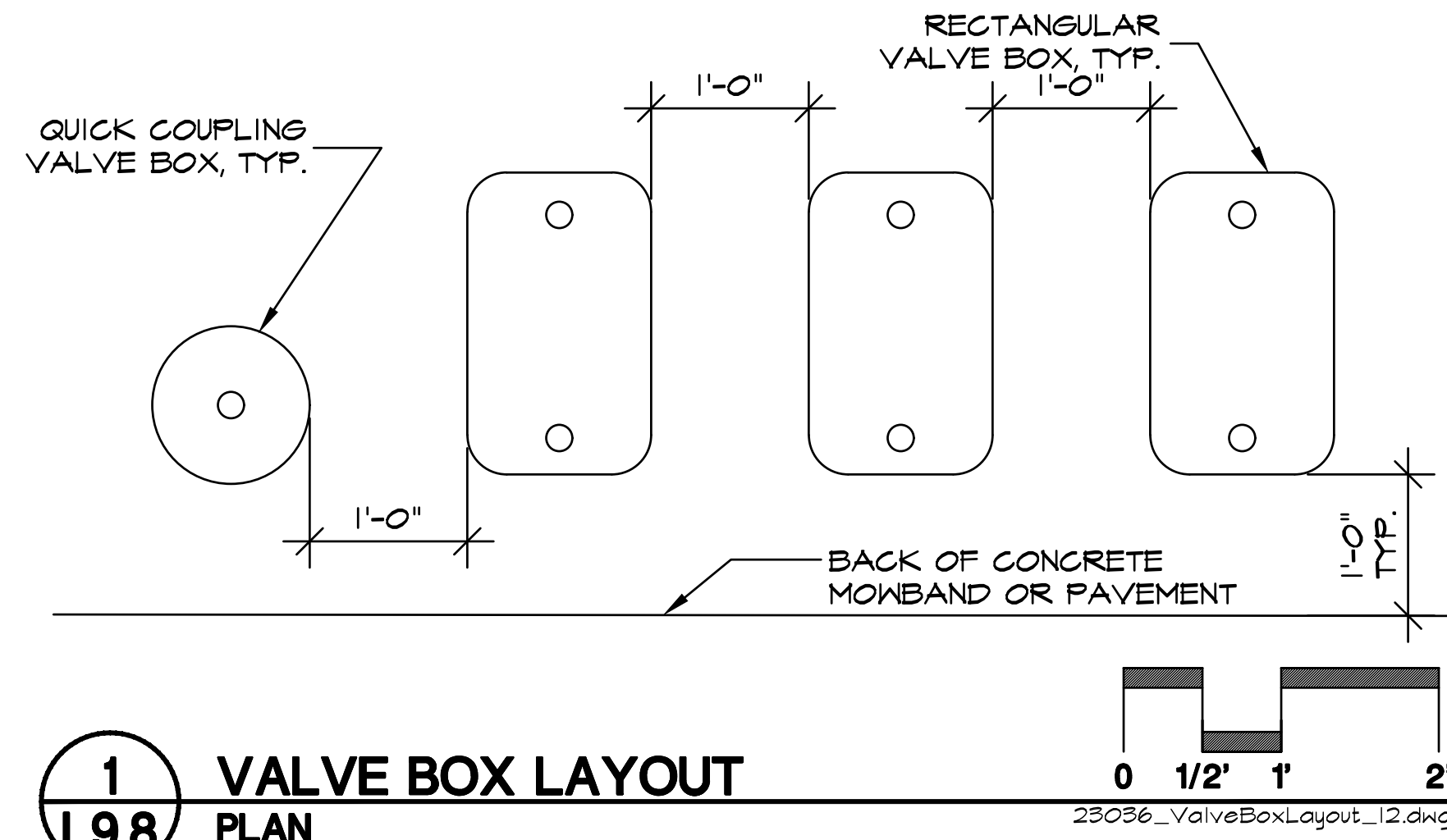
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
CONSTRUCTION DETAILS



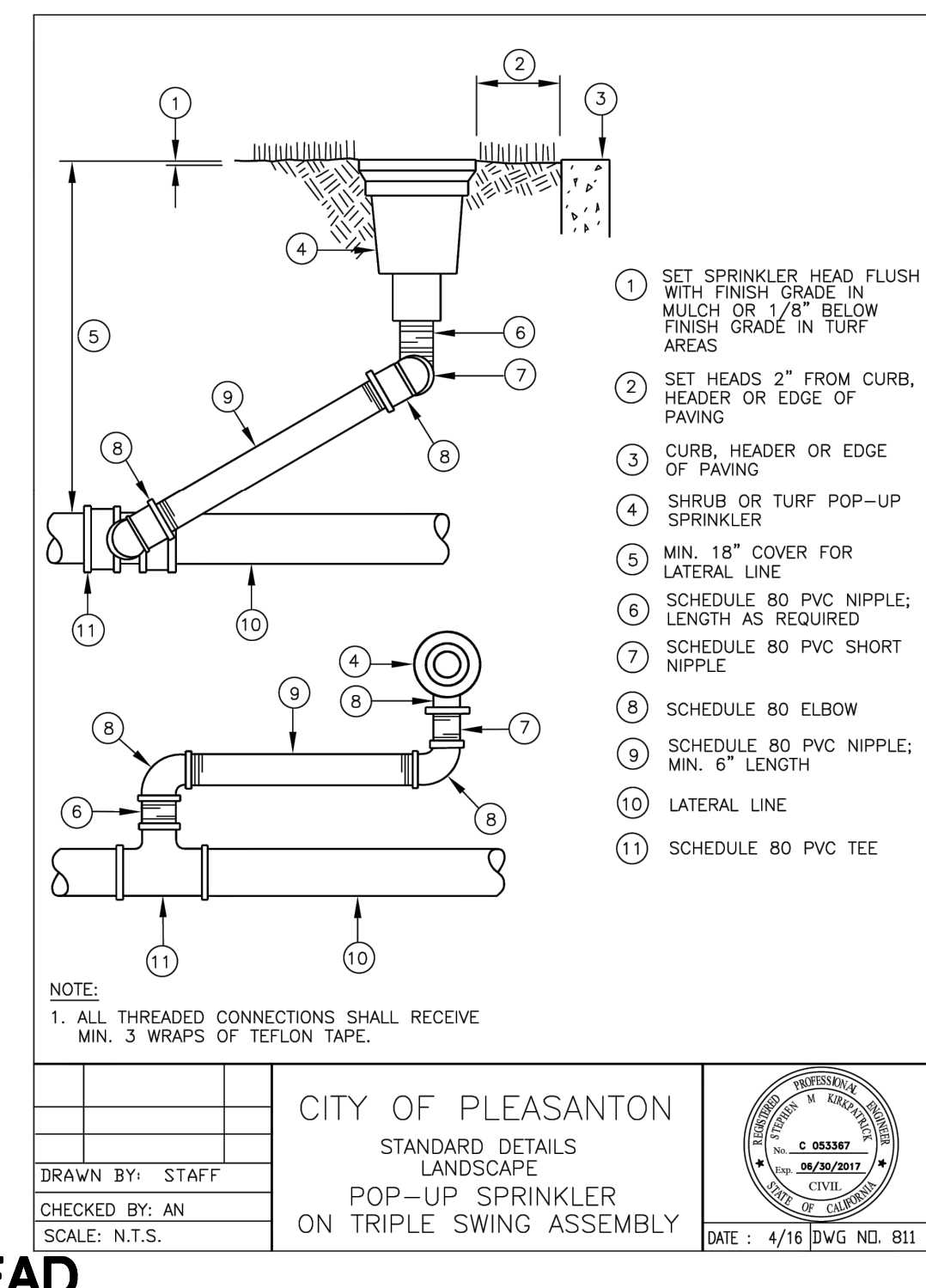
DESIGN:	GH	SCALE:	AS SHOWN	DWG NO.	L9.7 28 OF 41
DRAWN:	BN	PROJECT NO.:	CIP-06716		
CHECKED:	BW/DR	DATE:	JUNE 18, 2024		



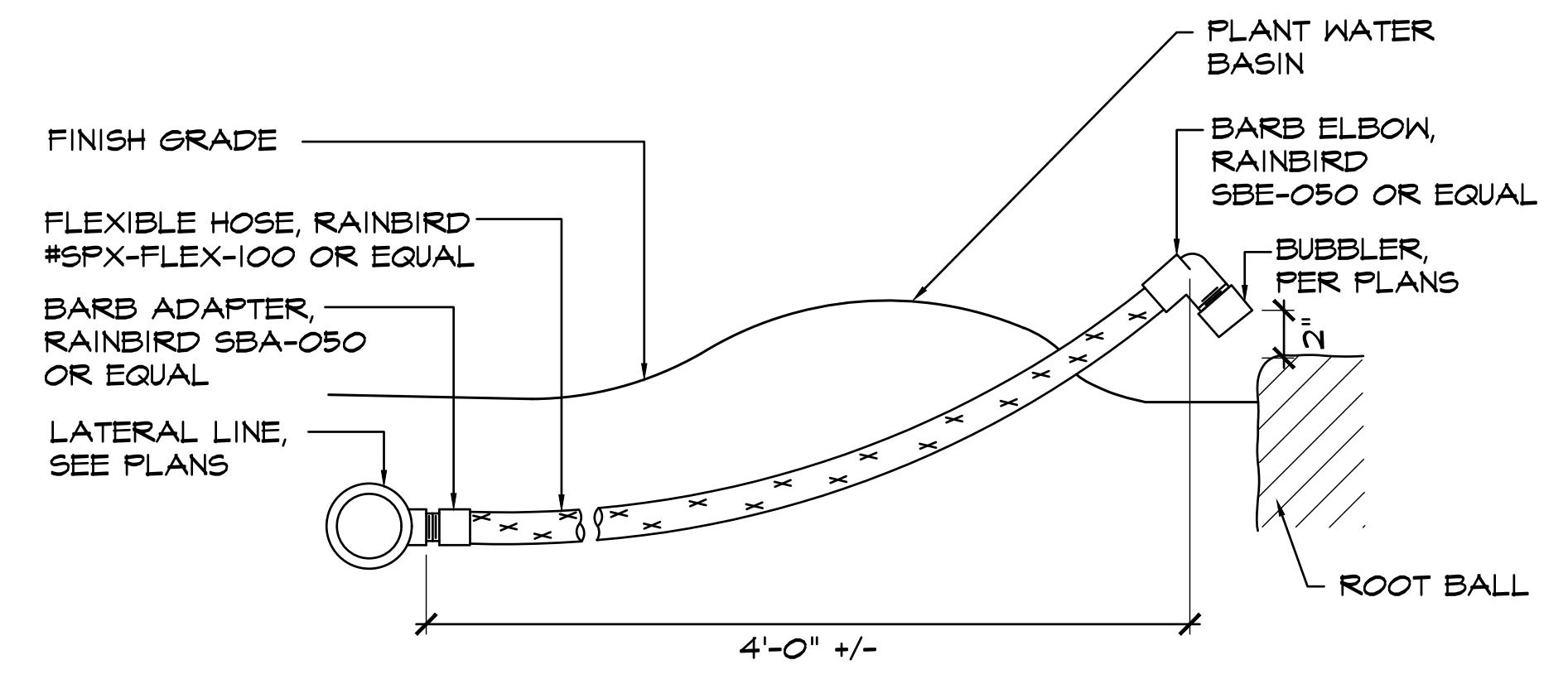
- NOTES:
- CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
  - SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREAS.
  - SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF ADJACENT PAVEMENT
  - AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOXES.



**1** VALVE BOX LAYOUT  
**L9.8** PLAN

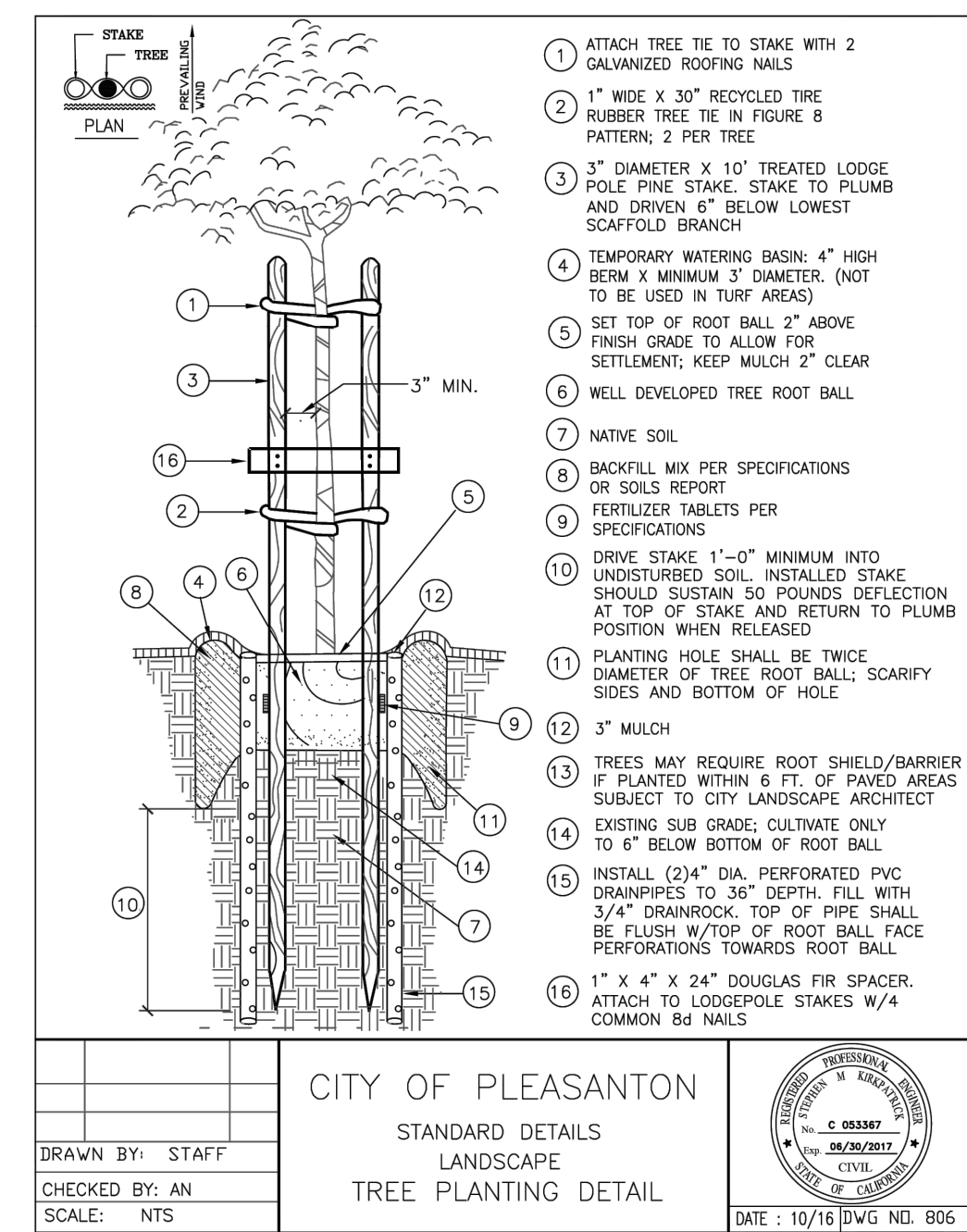


**2** SPRAY HEAD  
**L9.8** CITY STANDARD DETAIL 811

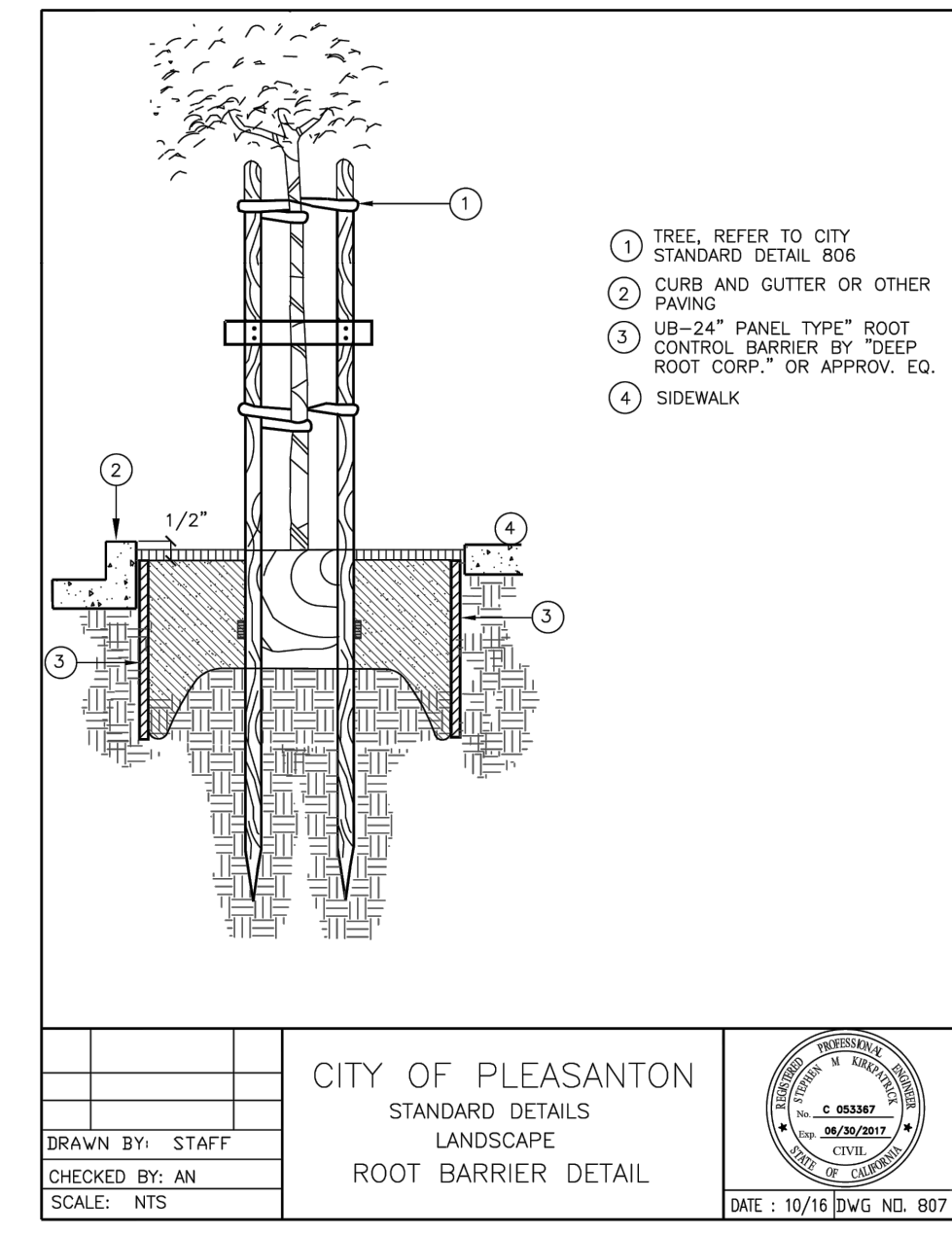


**3** TREE BUBBLER  
**L9.8** SECTION

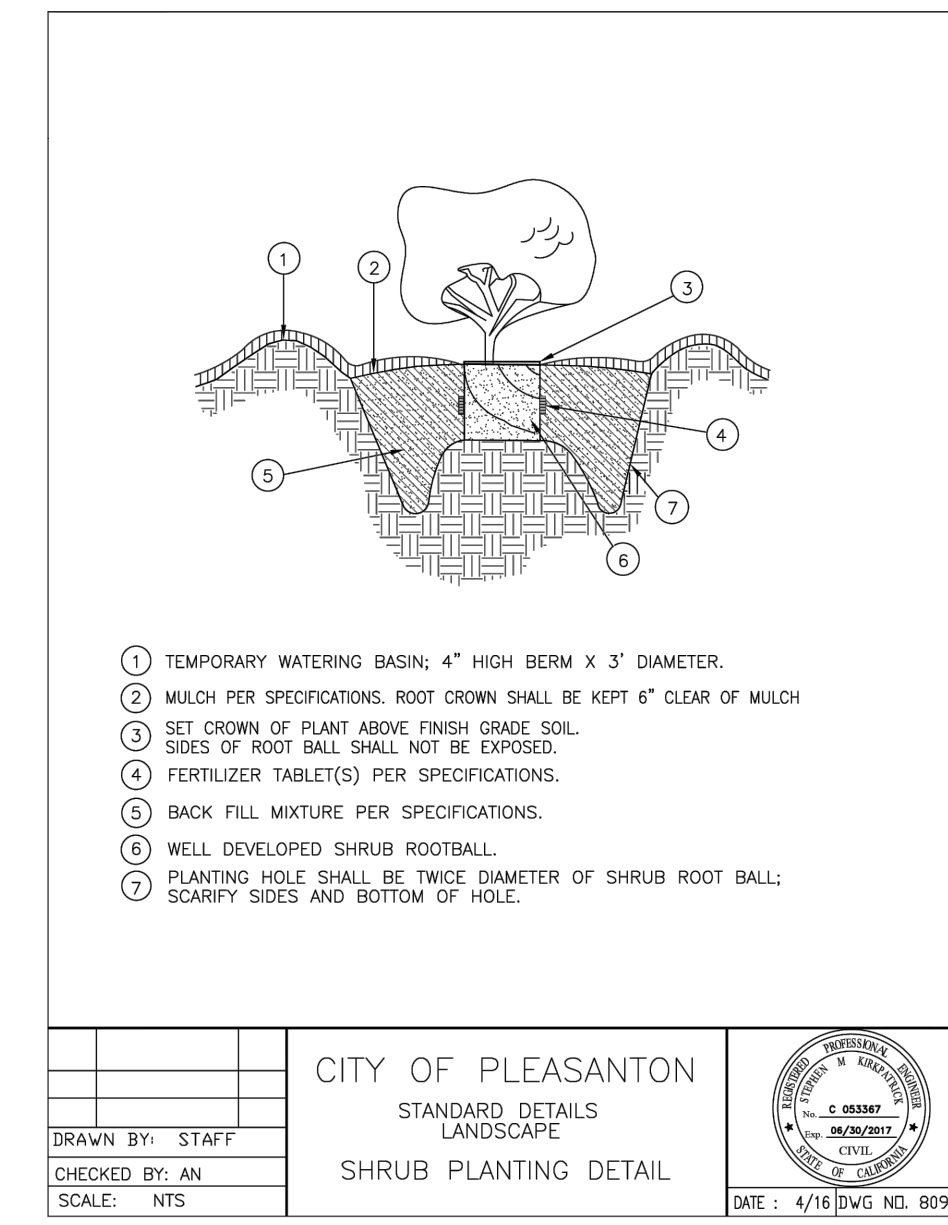
N.T.S.  
23036\_TreeBubbler2\_12.dwg



**4** TREE PLANTING  
**L9.8** CITY STANDARD DETAIL 806



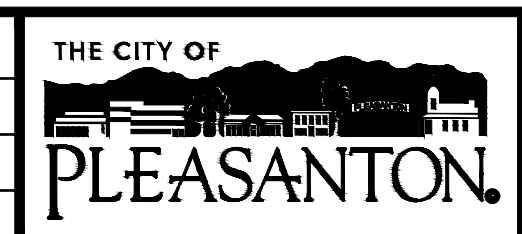
**5** ROOT BARRIER  
**L9.8** CITY STANDARD DETAIL 807



**6** SHRUB PLANTING  
**L9.8** CITY STANDARD 809

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
1/3/24		50 % Submittal
5/7/24		90 % Submittal
6/18/24		Bid Submittal



CITY OF PLEASANTON  
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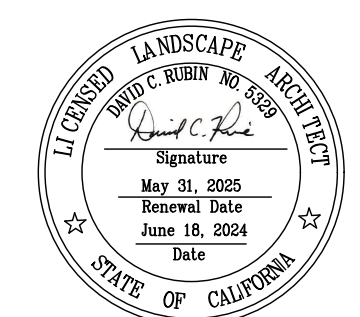
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
CONSTRUCTION DETAILS

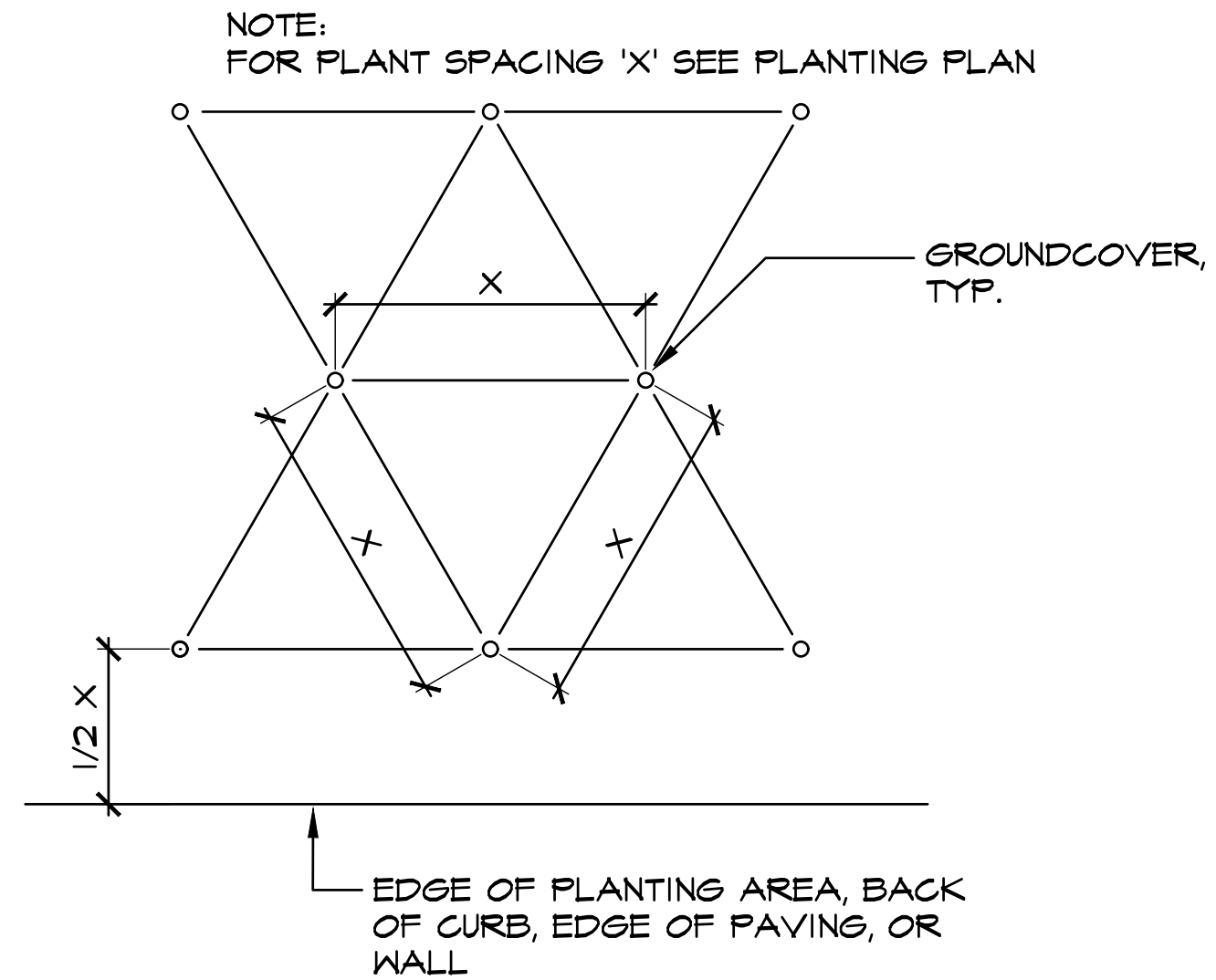


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DRAWN: BN  
CHECKED: BW/DR

SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

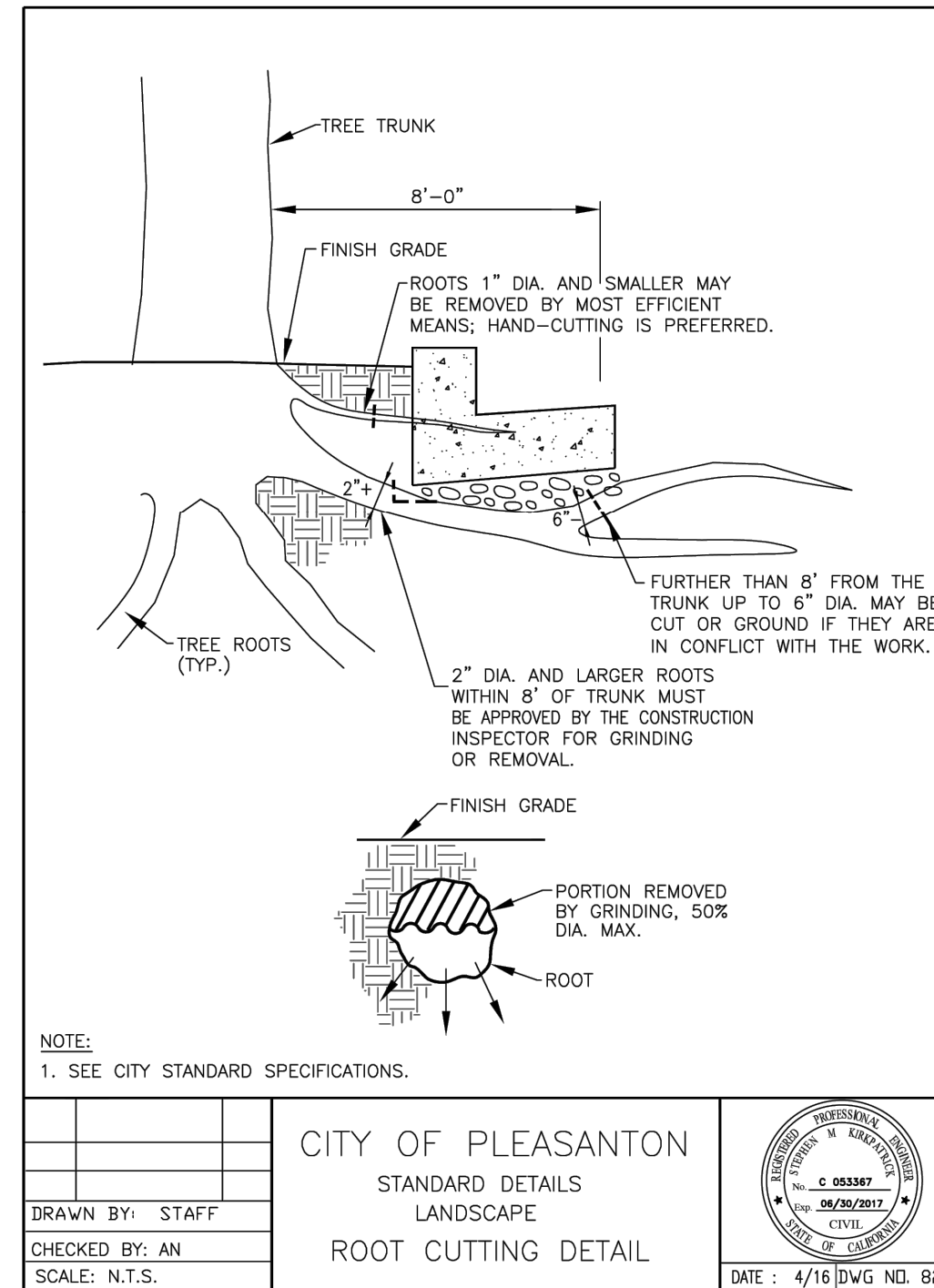
DWG NO. L9.8  
29 OF 41





**1**  
**L9.9** **GROUND COVER SPACING PLAN**

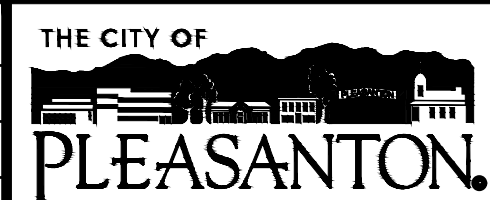
N.T.S.  
23036\_Groundcover Spacing\_48.dwg



**2**  
**L9.9** **ROOT CUTTING DETAIL CITY STANDARD DETAIL 824**

**BID SUBMITTAL**

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



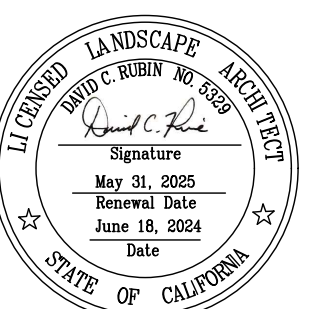
**CITY OF PLEASANTON**  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
CONSTRUCTION DETAILS



DESIGN:	GH	SCALE:	AS SHOWN	DWG NO.	
DRAWN:	BN	PROJECT NO.:	CIP-06716		L9.9
CHECKED:	BW/DR	DATE:	JUNE 18, 2024		30 OF 41



# GENERAL CONSTRUCTION NOTES

- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. MATERIALS AND EQUIPMENT SHALL BE U.L. LISTED AND LABELED FOR THE APPLICATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTION FEES REQUIRED BY THIS CONTRACT WORK.
- CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND ALLOW FOR ALL FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK NOTED AND CALLED OUT ON ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL OBTAIN INFORMATION AND BE FAMILIAR WITH ALL OTHER TRADES WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN OTHER TRADES ON PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY AND PERSONAL, PROPERTY DAMAGE, TO FULLY PROTECT THE OWNER, ARCHITECT AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS WORK.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL AT THE CONCLUSION OF THE PROJECT PROVIDE ACCURATE "AS-BUILT" DRAWINGS ACCEPTABLE TO THE CITY.
- ALL MATERIALS PROVIDED TO THE PROJECT SHALL BE NEW. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL INCIDENTAL MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.
- CONTRACTOR SHALL PROVIDE TO THE CITY A CONSTRUCTION SCHEDULE OF ELECTRICAL WORK. THE CONSTRUCTION SCHEDULE SHALL IDENTIFY ALL SIGNIFICANT MILESTONES WITH COMPLETION DATES.
- CONTRACTOR SHALL PROVIDE ALL REQUIRED "CUTTING, PATCHING, EXCAVATION, BACKFILL AND REPAIRS" NECESSARY TO RESTORE DAMAGED SURFACES TO EQUAL OR BETTER THAN ORIGINAL CONDITIONS EXISTING AT START OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PAINTING ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO LANDSCAPE ARCHITECT'S PAINTING SECTION FOR REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT INSTALLED OUTDOORS SHALL BE WEATHERPROOF. EXTERIOR CONDUITS RUN INTO BUILDINGS SHALL BE INSTALLED WITH FLASHING, CAULKED AND SEALED. CONDUITS FOR EXTERIOR ELECTRICAL DEVICES SHALL BE RUN INSIDE BUILDING UNLESS OTHERWISE NOTED ON DRAWINGS.
- ALL CONDUITS UNLESS OTHERWISE NOTED ON DRAWINGS SHALL HAVE AS A MINIMUM: TWO (2) #12s WITH ONE (1) #12 GROUND. "TICK" MARKS SHOWN ON CIRCUITRY ARE FOR ROUGH ESTIMATING ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRES AND WIRE SIZES REQUIRED BY LATEST CODE.
- ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS. SHARED NEUTRALS ON MULTIWIRED CIRCUITS IS NOT ALLOWED.
- ALL 120/277V LIGHT SWITCHES AND WALL OCCUPANT SENSORS SHALL HAVE A NEUTRAL INSTALLED TO THE DEVICE BOX EXCEPT WHERE A CONDUIT OR SURFACE RACEWAY SYSTEM IS INSTALLED.
- COORDINATE ALL CONDUIT RUNS, ELECTRICAL EQUIPMENT AND PANELS WITH ALL OTHER WORK TO AVOID CONFLICTS.
- SEE LANDSCAPE ARCHITECT'S PLANS FOR EXACT PLACEMENT OF LIGHTING FIXTURES AND DEVICES. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF CEILING TYPES FROM ARCHITECTURAL DOCUMENTS AND PROVIDE AND INSTALL ALL REQUIRED FIXTURE MOUNTING HARDWARE.
- CONTRACTOR SHALL, PRIOR TO BID, FIELD VERIFY ALL REQUIREMENTS FOR MODIFYING THE EXISTING CLOCK, DATA, AND INTERCOM SYSTEMS TO ACCOMMODATE ADDITIONS NOTED. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS NEEDED TO MAKE A FULLY OPERATIONAL SYSTEM AT THE CONCLUSION OF PROJECT WORK.
- CONTRACTOR SHALL PROVIDE IN EVERY NEW EMPTY CONDUIT A DRAW STRING FOR USE IN FUTURE CONSTRUCTION.
- EXTENSION RINGS OR RESET BOXES TO BE FLUSH WITH NEW WALL THICKNESS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UNDERGROUND SYSTEMS (GAS, WATER, TELEPHONE, ELECTRICAL, SEWER, ETC.). THE CONTRACTOR SHALL REPAIR & PAY ALL EXPENSES FOR DAMAGE TO EXISTING UNDERGROUND SYSTEMS AS A RESULT OF NEW WORK. REPAIR TO DAMAGED UNDERGROUND SYSTEMS SHALL BE TO THE OWNERS SATISFACTION WITHOUT EXTRA EXPENSE TO THE CITY.
- ALL INSTALLATION OF EXPOSED SURFACE MOUNTED RACEWAY IN PUBLIC AREAS SHALL BE REVIEWED BY ELECTRICAL ENGINEER BEFORE ROUGH-IN. CONTRACTOR IS TO DETERMINE THE ACCESSIBILITY OF ATTIC, FURRED SPACE, HOLLOW MULLIONS, ETC. IN EACH AREA AND REVIEW WITH ELECTRICAL ENGINEER. IF SYSTEM CAN BE ROUTED CONCEALED EITHER BY FISHING OR ACCESSIBILITY, CONTRACTOR IS TO DO SO. IF INACCESSIBILITY IS DETERMINED, CONTRACTOR SHALL INSTALL SURFACE MOUNTED RACEWAY. IN THE MOST AESTHETICALLY PLEASING MEANS AS DETERMINED BY THE CITY. NO ALLOWANCE FOR ADDITIONAL COMPENSATION DUE TO ROUTING AS DIRECTED BY THE CITY WILL BE MADE.

# ELECTRICAL SYMBOLS & ABBREVIATIONS

SYMBOLS & ABBREVIATIONS SHOWN ARE FOR GENERAL USE. DISREGARD THOSE WHICH DO NOT APPEAR ON THE PLANS.

	FLUORESCENT OR LED LUMINAIRE - SEE SCHEDULE		SECURITY DOOR CONTACTS		PANELBOARD - FLUSH MOUNTED		DETAIL NOTE REFERENCE SYMBOL - SEE ASSOCIATED NOTE ON SAME DETAIL		DETAIL NUMBER - DETAIL OR SECTION REFERENCE SHEET NUMBER
	EMERGENCY OR NIGHT LIGHT		SECURITY MOTION DETECTOR		PANELBOARD - SURFACE MOUNTED		FEEDER DESIGNATION: SEE ASSOCIATED NOTE ON SAME DETAIL		INDICATES QUANTITY OF TELEPHONE OUTLETS
	STRIP FLUORESCENT OR LED LUMINAIRE - SEE SCHEDULE		CCTV CAMERA		EQUIPMENT PANEL - SURFACE MOUNTED		INDICATES QUANTITY OF DATA OUTLETS		
	LUMINAIRE - RECESSED - SEE SCHEDULE		SECURITY SYSTEM KEYPAD		METER W/ CURRENT TRANSFORMER				
	RECESSED WALL WASHER		DOOR BELL PUSHBUTTON		JUNCTION BOX - CEILING OR WALL MOUNTED, SIZE PER CODE, TAPE AND TAG WIRES				
	LUMINAIRE - SURFACE MOUNTED - SEE SCHEDULE		DOOR CHIME WITH LED		MOTOR CONNECTION				
	LUMINAIRE - POLE OR POST MOUNTED - SEE SCHEDULE		RECEPTACLE - DUPLEX *		NON-FUSED DISCONNECT SWITCH				
	LUMINAIRE - WALL MOUNTED SEE SCHEDULE		DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - FIELD VERIFY HEIGHT		FUSED DISCONNECT SWITCH; FUSED WITH DUAL-ELEMENT FUSES SIZED PER EQUIPMENT MFG'S NAMEPLATE DATA				
	BOLLARD OR PATH LIGHT - SEE SCHEDULE		GFCI CONVENIENCE RECEPTACLE - DUPLEX *		COMBINATION STARTER/FUSED DISCONNECT SWITCH; FUSED DISCONNECT SWITCH ELEMENT FUSES SIZED PER EQUIPMENT MFG'S NAMEPLATE DATA				
	EXIT LIGHT - DIRECTIONAL ARROWS AS INDICATED - SEE SCHEDULE		GFCI CONVENIENCE RECEPTACLE - DOUBLE DUPLEX *		MAGNETIC STARTER - NEMA SIZE INDICATED NEMA 3R ENCLOSURE UNLESS OTHERWISE SPECIFIED				
	TRACK LIGHTING - SEE SCHEDULE		GFCI CONVENIENCE DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - FIELD VERIFY HEIGHT		CIRCUIT BREAKER				
	EMERGENCY LIGHT		RECEPTACLE DOUBLE DUPLEX *		GROUND ROD WITH GROUNDWELL BOX				
	DIGITAL DUAL TECHNOLOGY OCC. SENSOR		SINGLE POLE SWITCH **		GROUND ELECTRODE				
	LIGHTING CONTROL OCCUPANCY SENSOR CORNER MOUNTED		SINGLE POLE SWITCH, ** a = CIRCUIT CONTROLLED		NORMALLY OPEN CONTACT				
	DIMMER ROOM CONTROLLER		THREE WAY SWITCH **		NORMALLY CLOSED CONTACT				
	PLUG LOAD CONTROLLER		FOUR WAY SWITCH **		TRANSFORMER - SEE SINGLE LINE FOR SIZE				
	ROOM LIGHTING CONTROLLER		MANUAL MOTOR STARTER		PULLBOX				
	LIGHTING CONTROL PANEL		KEY OPERATED SWITCH **		ERMS				
	DIGITAL DAYLIGHT SENSOR		LIGHTING DIMMER **		FLEX CONDUIT WITH CONNECTION				
			DIGITAL ON/OFF SWITCH **		CONDUIT - UP				
			DIGITAL DIMMER SWITCH **		CONDUIT - DOWN				
			DIGITAL MULTI SCENE LIGHTING SWITCH **		CONDUIT EMERGENCY SYSTEM				
			DIGITAL DUAL TECHNOLOGY WALL OCC. SENSOR **		LOW VOLTAGE WIRING				
			WALL OCCUPANCY SENSOR **		SURFACE METAL OR NON-METALLIC RACEWAY				
			DOUBLE SWITCHED WALL OCCUPANCY SENSOR **		CONDUIT - CONCEALED IN WALLS OR CEILING				
			DIMMING DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR **		CONDUIT - EXISTING				
			2-BUTTON DIMMING DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR **		CONDUIT - BELOW SLAB OR UNDERGROUND: 3/4" MIN.				
					CAPPED OR STUB-OUT CONDUIT				
					CONDUIT CONTINUATION				
					CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AWG WIRES WHEN MORE THAN TWO. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSS HATCHES WITH NUMBER ADJACENT INDICATES WIRE SIZE OTHER THAN #12 AWG.				
					SHEET NOTE REFERENCE SYMBOL: SEE ASSOCIATED NOTE ON SAME SHEET				
					SCHEDULE SYMBOL: SEE ASSOCIATED NOTE ON SAME SHEET				

\*\* +15" A.F.F. TO BOTTOM OF BOX, U.O.N.  
 \*\* +48" A.F.F. TO TOP OF BOX, U.O.N.  
 [#] NUMBER IN BRACKETS DENOTES NUMBER OF CABLE DROPS WHEN MORE THAN (2).

# APPLICABLE CODES & STANDARDS

<b>CODES:</b>	<b>STANDARDS:</b>
1. 2022 CALIFORNIA ADMINISTRATIVE CODE C.A.C., PART 1, TITLE 24, C.C.R.	1. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
2. 2022 CALIFORNIA BUILDING CODE (CBC) C.C.R., TITLE 24, VOL. 1 & 2 BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC) WITH CALIFORNIA AMENDMENTS.	2. ELECTRONICS INDUSTRIES ASSOCIATION (EIA)
3. 2022 CALIFORNIA RESIDENTIAL CODE C.C.R., TITLE 24, PART 2.5 BASED ON THE 2021 INTERNATIONAL RESIDENTIAL CODE WITH CALIFORNIA AMENDMENTS.	3. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
4. 2022 CALIFORNIA ELECTRICAL CODE (CEC) C.C.R., TITLE 24, PART 3 BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC) WITH CALIFORNIA AMENDMENTS.	4. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
5. 2022 CALIFORNIA MECHANICAL CODE (CMC) C.C.R., TITLE 24, PART 4 BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC) WITH CALIFORNIA AMENDMENTS.	5. NATIONAL ELECTRICAL TESTING ASSOCIATION (NETA)
6. 2022 CALIFORNIA PLUMBING CODE (CPC) C.C.R., TITLE 24, PART 5 BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC) WITH CALIFORNIA AMENDMENTS.	6. UNDERWRITER LABORATORIES (UL)
7. 2022 CALIFORNIA ENERGY CODE C.C.R., TITLE 24, PART 6.	7. CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT STANDARDS (CAL/OSHA)
8. 2022 CALIFORNIA FIRE CODE (CFC) C.C.R., TITLE 24, PART 9 BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC) WITH CALIFORNIA AMENDMENTS.	
9. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE C.C.R., TITLE 24, PART 11.	
10. 2022 CALIFORNIA REFERENCED STANDARDS CODE C.C.R., TITLE 24, PART 12.	
11. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.	
12. NATIONAL FIRE ALARM CODE (NFPA 72) 2022.	
13. CITY OF PLEASANTON ORDINANCES, CODES, AND REGULATIONS.	

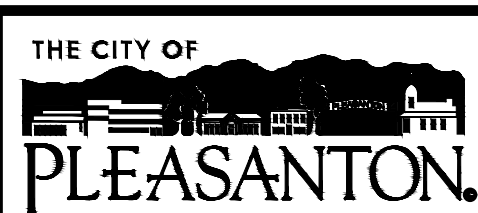
# SHEET INDEX

E0.1	SYMBOLS, ABBREVIATIONS, CODES, STANDARDS, NOTES & SHEET INDEX.
E0.2	CALIFORNIA ENERGY COMPLIANCE TITLE 24 - (BUILDING EXTERIOR).
E1.1	ELECTRICAL SINGLE DIAGRAM & ELECTRICAL DETAILS.
E1.2	ELECTRICAL DETAILS.
E2.1	OVERALL SITE PLAN.
E2.1D	DEMOLITION SITE PLAN & DEMOLITION NOTES.
E2.2	NEW PARTIAL SITE PLAN & LIGHT FIXTURE SCHEDULE.
E2.3	NEW PARTIAL SITE PLAN & LIGHT FIXTURE SCHEDULE.
E6.1	ELECTRICAL DETAILS.

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# BID SUBMITTAL

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
 Department of Public Works

ADAM M. NELKIE  
 CITY ENGINEER  
 NO. 78830  
 EXP. 9/30/25

**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
 (Project No. 06716)  
 SYMBOLS, ABBREVIATIONS, LIGHT FIXTURE SCHEDULE,  
 CODES, STANDARDS, NOTES & SHEET INDEX

**AURUM CONSULTING ENGINEERS**  
 MONTEREY BAY, INC.  
 Project No. 23-266.00  
 1798 Technology Dr. • Suite 242 • San Jose, CA 95110  
 T.831.646.3330 • F.831.646.3336 • www.aacemb.com

DESIGN:	GH	SCALE:	AS SHOWN	DWG NO.	E0.1
DRAWN:	BN	PROJECT NO.:	CIP-06716		
CHECKED:	BW/ DR	DATE:	JUNE 18, 2024	31 OF 41	

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION  
**Outdoor Lighting** NRCC-LTO-E  
 CERTIFICATE OF COMPLIANCE (Page 1 of 7)  
 Project Name: Lions Wayside & Delucchi Park Renovation  
 Project Address: 4401 First St, Pleasanton, CA 94566  
 Report Page: (Page 1 of 7)  
 Date Prepared: 2024-05-03T18:24:48-04:00

**A. GENERAL INFORMATION**

01 Project Location (city)	Pleasanton	04 Total Illuminated Hardscape Area (ft <sup>2</sup> )	26999
02 Climate Zone	12		
03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):			
<input type="checkbox"/> LZ-0: Very Low - Undeveloped Parkland <input checked="" type="checkbox"/> LZ-2: Moderate - Urban Clusters <input type="checkbox"/> LZ-4: High - Must be reviewed by CA Energy Commission for Approval			
<input type="checkbox"/> LZ-1: Low - Rural Areas <input type="checkbox"/> LZ-3: Moderately High - Urban Areas			
05 Occupancy Types within Project			
<input type="checkbox"/> 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)(2) / 180.2(b)(4) for alterations.

My Project Consists of:

01	02	
<input checked="" type="checkbox"/> New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6	
<input type="checkbox"/> Altered Lighting System	is your alteration increasing the connected lighting load (Watts)?	
	<input type="radio"/> Yes <input checked="" type="radio"/> No	
03	04	05
% of Existing Luminaires Being Altered <sup>1</sup>	Sum Total of Luminaires Being Added or Altered	Calculation Method
<input type="checkbox"/> < 10% <input type="checkbox"/> >= 10% and < 50% <input type="checkbox"/> >= 50%		

<sup>1</sup> 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.

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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION  
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 CERTIFICATE OF COMPLIANCE (Page 4 of 7)  
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**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
Canopy Area: "XA"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
General Pathway: "XB"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

<sup>1</sup> FOOTNOTE: text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.  
<sup>2</sup> Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.  
<sup>3</sup> Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

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 CERTIFICATE OF COMPLIANCE (Page 7 of 7)  
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 Date Prepared: 2024-05-03T18:24:48-04:00

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Nazjib Anwarly  
 Signature: [Signature]  
 Date Signed: 05/03/24

Company: Aurum Consulting Engineers, San Jose  
 Address: 1798 Technology Drive, Suite 242  
 City/State/Zip: San Jose, CA 95110  
 License: E21043  
 Phone: (831) 446-3330

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- 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).
- 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.
- 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.
- 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: Nazjib Anwarly  
 Signature: [Signature]  
 Date Signed: 05/03/24

Company: Aurum Consulting Engineers, San Jose  
 Address: 1798 Technology Drive, Suite 242  
 City/State/Zip: San Jose, CA 95110  
 License: E21043  
 Phone: (831) 446-3330

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 CERTIFICATE OF COMPLIANCE (Page 2 of 7)  
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**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 as are applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) / 140.7 / 170.2(e)6 or 141.0(b)(2) / 180.2(b)(4)										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) / 170.2(e)6 (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)(1) / 180.2(b)(4) (See Table N)	=	Total Allowed (Watts)	≥	Total Actual (Watts)	07 must be >= 08	
845.59	+	---	+	---	OR	---	=	845.59	≥	154.5	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.

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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION  
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**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.

Area Description	01 "Use it or lose it" Allowance (select all that apply) (select all that apply)								Total General AWA + LWA (Watts)
	<input checked="" type="checkbox"/> General Hardscape Allowance Table I (below)	<input type="checkbox"/> Per Application Table J	<input type="checkbox"/> Sales Frontage Table K	<input type="checkbox"/> Ornamental Table L	<input type="checkbox"/> Per Specific Area Table M				
Area Description	02 Illuminated Area (ft <sup>2</sup> )	03 Area Wattage Allowance (AWA) (W/ft <sup>2</sup> )	04 Area Allowance (Watts)	05 Perimeter Length (ft)	06 Linear Wattage Allowance (LWA) (W/ft)	07 Allowed Density (Watts)	08 Linear Allowance (Watts)	09	
Canopy Area	4734	0.019	89.95	282	0.15	42.3	132.25		
General Pathway	22265	0.019	423.04	602	0.15	90.3	513.34		
Initial Wattage Allowance for Entire Site (Watts): 200									
Instances of Initial Wattage Allowance (LZ 0 only) <sup>1</sup> :									
Total General Hardscape Allowance (Watts): 845.59									

**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.

**L. LIGHTING ALLOWANCE: ORNAMENTAL**

This section does not apply to this project.

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**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)(2) 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.

Designated Wattage:

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire <sup>1,2</sup>	How is Wattage determined	Total Number Luminaires <sup>2</sup>	Luminaire Status <sup>3</sup>	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 <sup>4</sup>	Field Inspector
XA	6" Diameter Surface Mounted LED Downlight	20	Mfr. Spec	5	New	<input type="checkbox"/>	100	NA: < 6200 lumens	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
XB	Air Craft Cable Suspended LED Festoon Lighting	0.5	Mfr. Spec	109	New	<input type="checkbox"/>	54.5	NA: < 6200 lumens	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Total Design Watts:							154.5		

<sup>1</sup> NOTES: Selections with a "\*" require a note in the space below explaining how compliance is achieved.  
<sup>2</sup> Luminaires lighting a statue: EXCEPTED TO 130.2(b)  
<sup>3</sup> For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.  
<sup>4</sup> 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.  
<sup>5</sup> Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b) / 160.5(c)

**G. SHIELDING REQUIREMENTS (BUG)**

This section does not apply to this project.

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 CERTIFICATE OF COMPLIANCE (Page 4 of 7)  
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**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

NRCC-LTO-E - Must be submitted for all buildings

**P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**

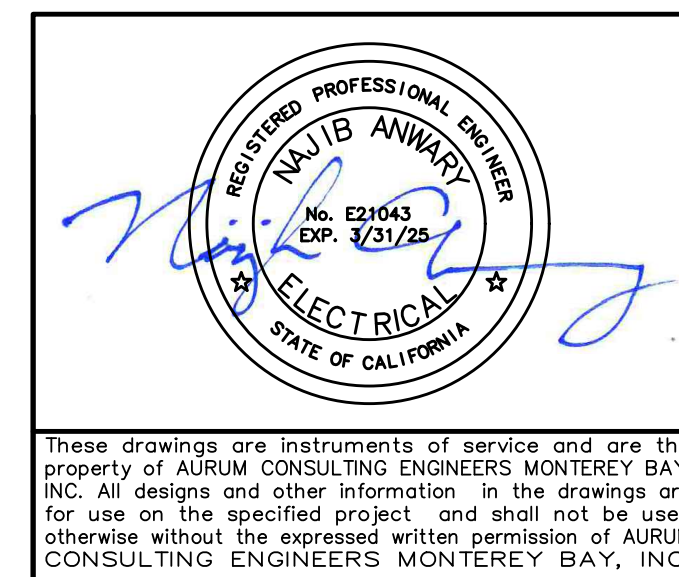
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcc/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. Canopy Area: "XA", General Pathway: "XB"

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ADAM M. NELKIE  
 CITY ENGINEER  
 NO. 78830  
 EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
 (Project No. 06716)  
 CALIFORNIA ENERGY COMPLIANCE  
 TITLE 24 BUILDING EXTERIOR



DESIGN: GH  
 DRAWN: BN  
 CHECKED: BW/ DR

SCALE: AS SHOWN  
 PROJECT NO.: CIP-06716  
 DATE: JUNE 18, 2024

DWG NO. E0.2  
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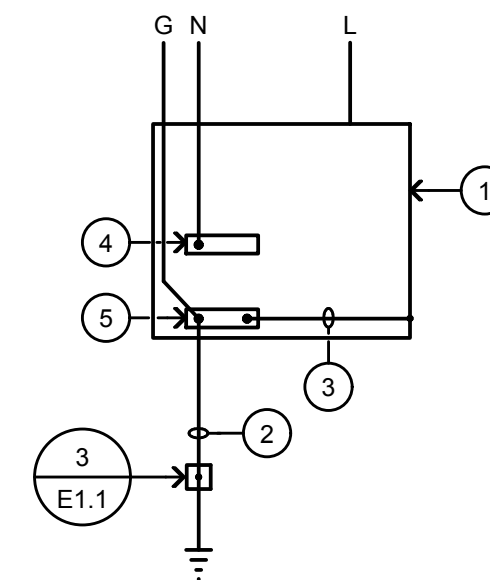


## PANELBOARD SCHEDULES

Voltage: 120/240V, 1ø		1 2 PANEL PP1										Bussing: 100A	
Wire: 3W												Feed: BOTTOM	
Type: STAINLESS STEEL												Mounting: FREE STANDING	
Mains: 60/2												A.I.C. 42,000	
Load	A	B	Bkr	Ck	ab	Ck	Bkr	A	B	Load			
FESTOON LIGHTING POWER SUPPLY	400		20/1	1	2	20/1	1	180		RECEPT. IN PEDESTAL			
FESTOON LIGHTING CONTROLS (TVC-10)		250	20/1	3	4	20/1	3		500	IRRIGATION CONTROL			
SPARE			20/1	5	6	20/1	5			SPARE			
SPACE ONLY			-	7	8	-	7			SPACE ONLY			
SPACE ONLY			-	9	10	-	9			SPACE ONLY			
SPACE ONLY			-	11	12	-	11			SPACE ONLY			
SPACE ONLY			-	13	14	-	13			SPACE ONLY			
SPACE ONLY			-	15	16	-	15			SPACE ONLY			
SPACE ONLY			-	17	18	-	17			SPACE ONLY			
	400	250						180	500				
1 PROVIDE TYPED PANEL SCHEDULE.													
2 PANEL SHALL BE LABELED FOR AVAILABLE FAULT CURRENT.													
KVA Phase A	0.6										Total Load KVA	1.3	
KVA Phase B	0.8										Total Load Amperes	6	

Voltage: 120/240V, 1ø		1 2 PANEL PP2										Bussing: 100A	
Wire: 3W												Feed: BOTTOM	
Type: STAINLESS STEEL												Mounting: FREE STANDING	
Mains: 70/2												A.I.C. 42,000	
Load	A	B	Bkr	Ck	ab	Ck	Bkr	A	B	Load			
RECEPTACLES - STAGE	360		20/1	1	2	20/1	1	360		RECEPTACLES - STAGE			
RECEPTACLES - STAGE		180	20/1	3	4	20/1	3		360	RECEPTACLES - STAGE			
RECEPTACLES - STAGE	360		20/1	5	6	20/1	5	540		RECEPTACLES - STAGE			
STAGE LIGHTING		100	20/1	7	8	20/1	7		500	LIGHTING CONTROL PANEL			
SPARE			20/1	9	10	20/1	9	180		REPCET. INSIDE PEDESTAL			
SPARE			20/1	11	12	-	11			SPACE ONLY			
SPARE			20/1	13	14	-	13			SPACE ONLY			
SPARE			20/1	15	16	-	15			SPACE ONLY			
SPARE			20/1	17	18	-	17			SPACE ONLY			
	720	280						1080	860				
1 PROVIDE TYPED PANEL SCHEDULE.													
2 PANEL SHALL BE LABELED FOR AVAILABLE FAULT CURRENT.													
KVA Phase A	1.8										Total Load KVA	2.9	
KVA Phase B	1.1										Total Load Amperes	12	



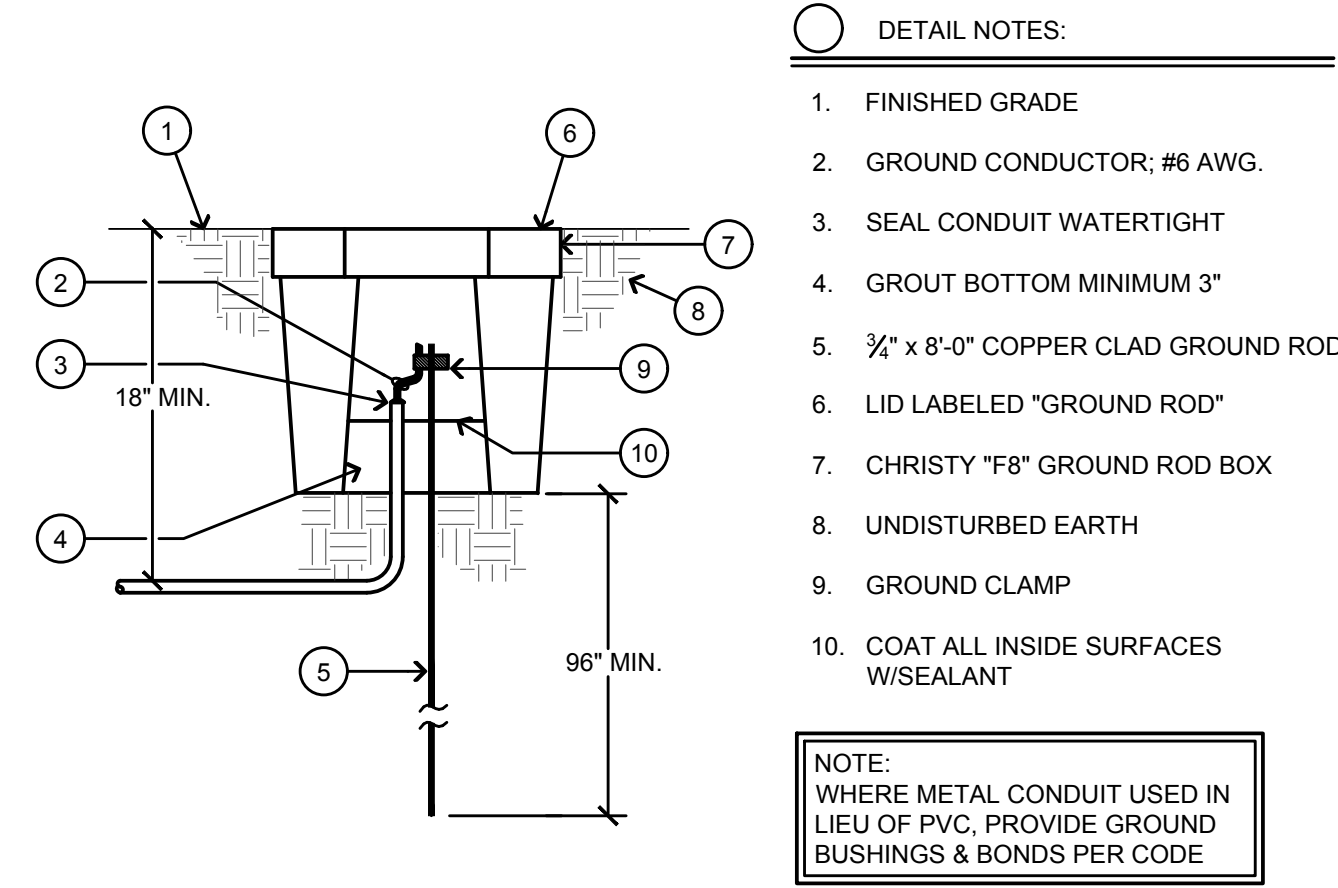
○ DETAIL NOTES:

- PANEL.
- 1" CONDUIT SEE SINGLE LINE DIAGRAM 1/E1.1 FOR GROUNDING ELECTRODE CONDUCTOR REQUIREMENTS
- EQUIPMENT BONDING JUMPER, SUPPLIED WITH PANEL INSTALLED BY CONTRACTOR.
- NEUTRAL BUS.
- GROUND BUS.

**GENERAL NOTE:**  
IF AVAILABLE ON THE PREMISES AT EACH BUILDING OR STRUCTURE SERVED EACH OF THE FOLLOWING SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM:  
a. METAL COLD WATER PIPE,  
b. METAL FRAME OF BUILDING,  
c. GROUND RING,  
d. OTHER ELECTRODES PER CEC 250.52(A)(2) THROUGH (7)

## 2 PANEL GROUNDING

NO SCALE



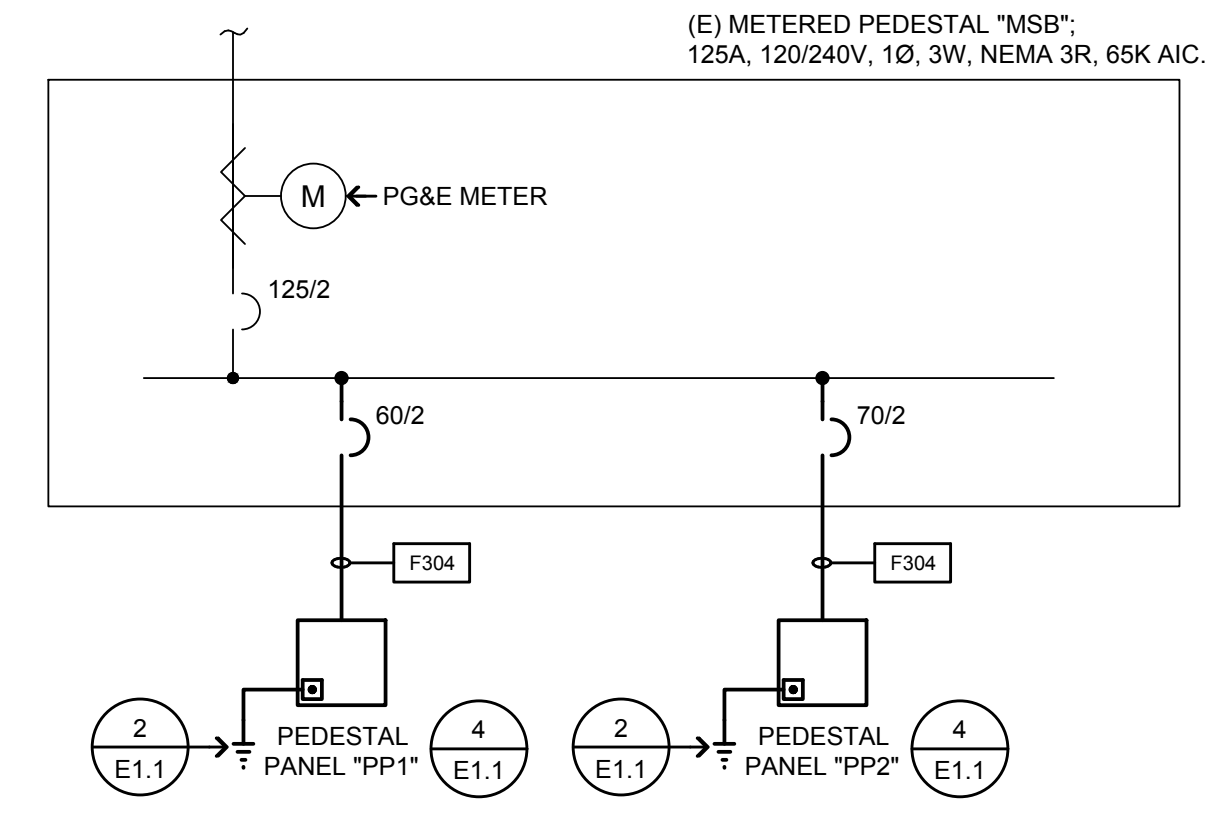
○ DETAIL NOTES:

- FINISHED GRADE
- GROUND CONDUCTOR; #6 AWG.
- SEAL CONDUIT WATERTIGHT
- GROUT BOTTOM MINIMUM 3"
- 3/4" x 8'-0" COPPER CLAD GROUND ROD
- LID LABELED "GROUND ROD"
- CHRISTY "F8" GROUND ROD BOX
- UNDISTURBED EARTH
- GROUND CLAMP
- COAT ALL INSIDE SURFACES W/SEALANT

**NOTE:**  
WHERE METAL CONDUIT USED IN LIEU OF PVC, PROVIDE GROUND BUSHINGS & BONDS PER CODE

## 3 GROUND ROD BOX DETAIL

NO SCALE

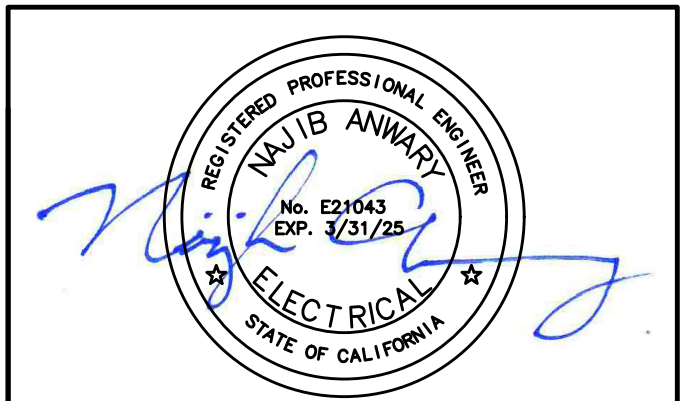


— (Solid line)	(EXISTING)
— (Dashed line)	(NEW)
— (Line with 'E')	(E) FLOOR/PAD MOUNTED EQUIPMENT
— (Line with 'N')	(N) FLOOR/PAD MOUNTED EQUIPMENT

DESIGNATION	AMPACITY	CONDUIT & CONDUCTORS SIZES
F304	100	1 1/4" C., 3 #2 & 1 #8 GND.

## 1 ELECTRICAL SINGLE LINE DIAGRAM

NO SCALE



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## BID SUBMITTAL

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

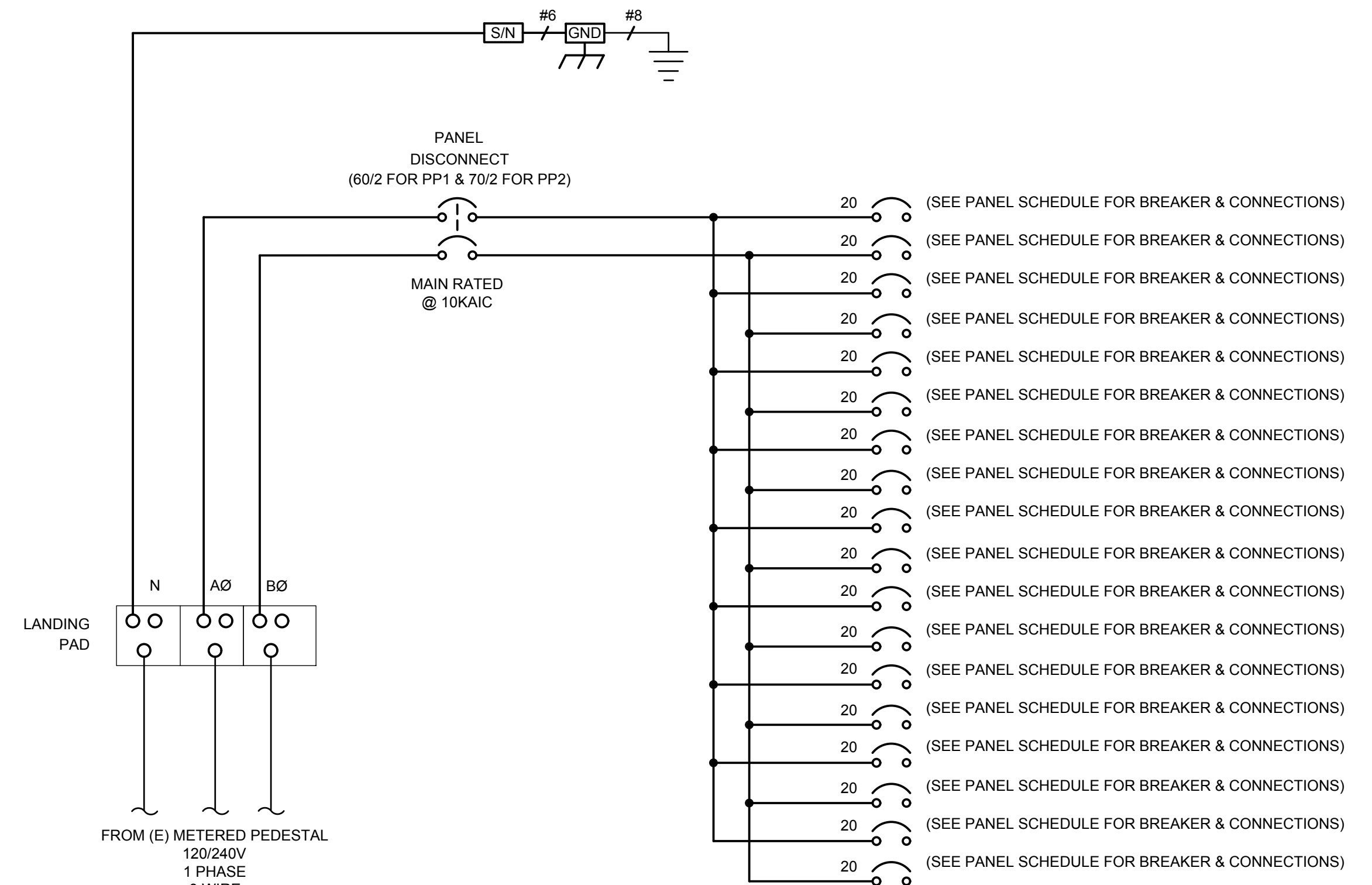
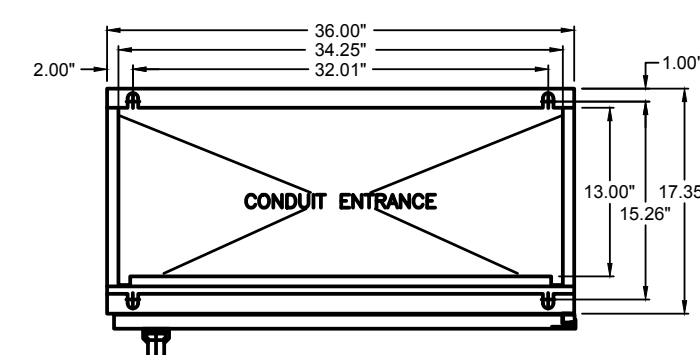
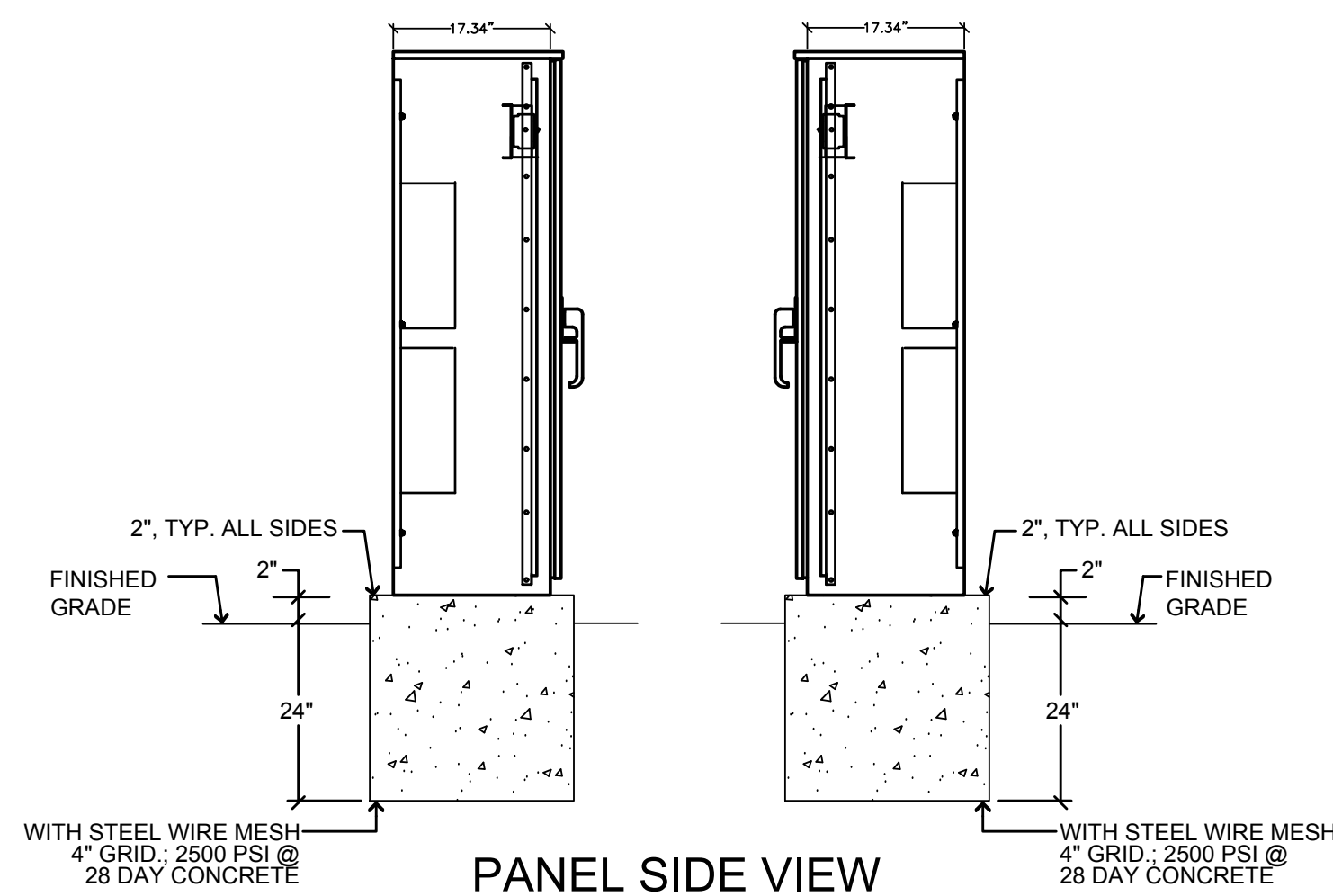
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
ELECTRICAL SINGLE LINE DIAGRAM & ELECTRICAL DETAILS

AURUM CONSULTING ENGINEERS  
MONTEREY BAY, INC.  
Project No. 23-266.00  
1798 Technology Dr. • Suite 242 • San Jose, CA 95110  
T.831.646.3330 • F.831.646.3336 • www.aacomb.com

DESIGN: GH  
DRAWN: BN  
CHECKED: BW/DR

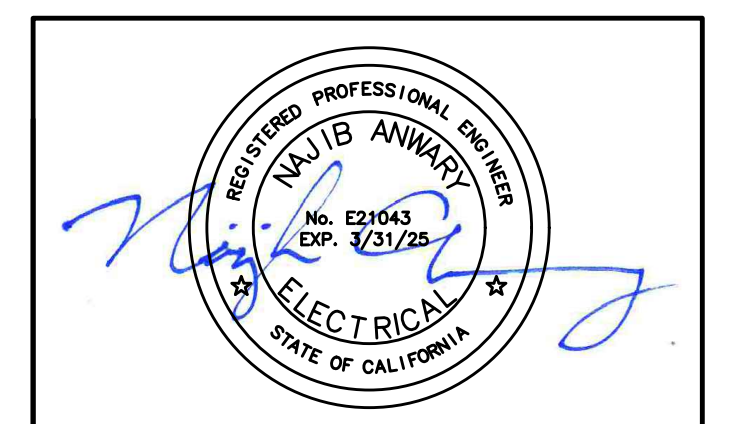
SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024  
DWG NO. E1.1  
33 OF 41

- DETAIL NOTES:
1. LOCATE TIVO-10 DISPLAY WITHIN TESCO PEDESTAL/CABINET AND INSTALL TIVO-10 DISPLAY WITHIN AN ADDITIONAL 16" SQ. X 6" DEEP NEMA 3R GASKETED ENCLOSURE TO ENSURE NO MOISTURE (LIMITED MOISTURE) ENTERS THE DISPLAY UNIT. CONNECT TO 20 AMP, 1-POLE BREAKER IN PANEL "PP1".
  2. LOCATE 120V/24VDC POWER SUPPLY WITHIN TESCO PEDESTAL/CABINET AND INSTALL AN ADDITIONAL 16" SQ. X 6" DEEP NEMA 3R ENCLOSURE. CONNECT TO 20 AMP, 1-POLE BREAKER IN PANEL "PP1".
  3. LIGHTING CONTROL PANEL, SEE 3/E6.1 ONLY APPLIES AS PART OF "PP2" TESCO PEDESTAL/PANEL.
  4. ONLY APPLIES AS PART OF "PP1" TESCO PEDESTAL/PANEL.



NOTE:  
 LOAD CURRENT FOR ALL BREAKERS NOT TO EXCEED 80% OF BREAKER AMPERAGE

- ENCLOSURE CONSTRUCTION NOTES**
1. EXTERIOR 12 GA. H.D. GALV. STEEL AND INTERIOR 14 GA. COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
  2. CONSTRUCTION WILL BE TYPE 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. COLOR TO BE: \*\*\*PLEASE SPECIFY COLOR\*\*\*

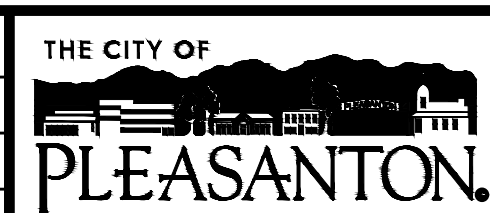


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1 PEDESTAL ELEVATION DETAIL (PEDESTAL PP1 & PP2)  
 NO SCALE

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REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



**CITY OF PLEASANTON**  
 Department of Public Works

ADAM M. NELKIE  
 CITY ENGINEER  
 NO. 78830  
 EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
 (Project No. 06716)  
 ELECTRICAL DETAIL S

**AURUM CONSULTING ENGINEERS**  
 MONTEREY BAY, INC.  
 Project No. 23-266.00  
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 T.831.646.3330 • F.831.646.3336 • www.aecomb.com

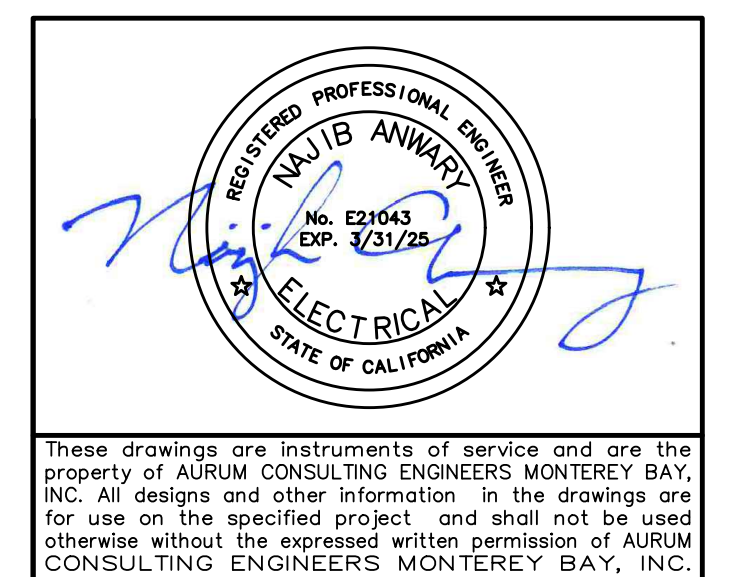
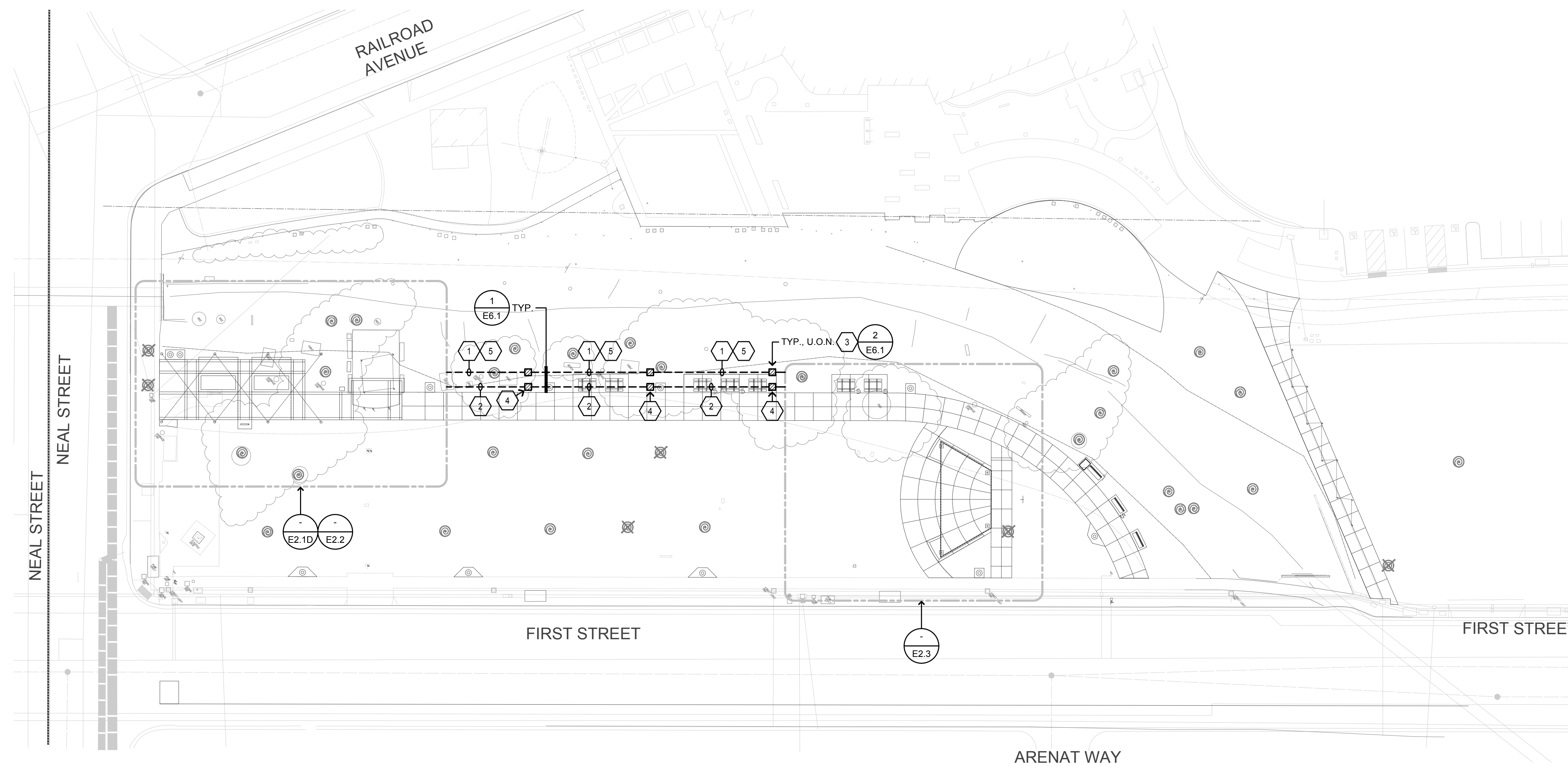
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 CHECKED: BW/DR

SCALE: AS SHOWN  
 PROJECT NO.: CIP-06716  
 DATE: JUNE 18, 2024

DWG NO. E1.2  
 34 OF 41

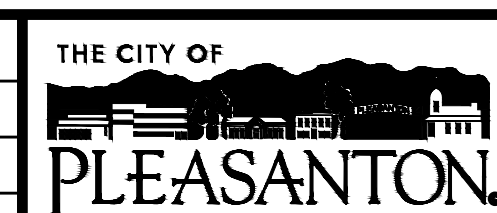
**SHEET NOTES**

1. INSTALL (1) 2" C.O., FOR FUTURE POWER BETWEEN PEDESTAL "PP1" & EACH PULLBOX.
2. INSTALL (2) 2" C.O., BETWEEN PULLBOXES FOR FUTURE SPEAKERS/LOW VOLTAGE CONNECTIONS.
3. INSTALL IN-GRADE PULLBOX CHRISTY #N30; LID LABELED "ELECTRICAL".
4. INSTALL IN-GRADE PULLBOX CHRISTY #N30; LID LABELED "SYSTEMS".
5. INSTALL FEEDERS FROM (E) METERED PEDESTAL TO NEW PEDESTAL PANEL "PP2". SEE 1/E1.1 FOR FEEDER SIZES & REQUIREMENTS.



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**CITY OF PLEASANTON**  
Department of Public Works

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CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)  
OVERALL SITE PLAN

**AURUM CONSULTING ENGINEERS**  
MONTEREY BAY, INC.  
Project No. 23-266.00  
1798 Technology Dr. • Suite 242 • San Jose, CA 95110  
T.831.646.3330 • F.831.646.3336 • www.aecmb.com

DESIGN: GH  
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CHECKED: BW/DR

SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

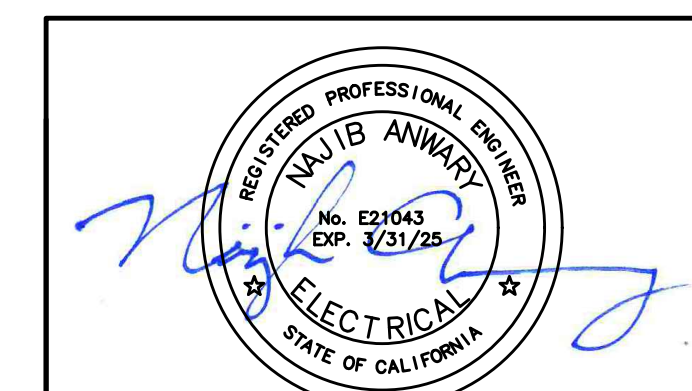
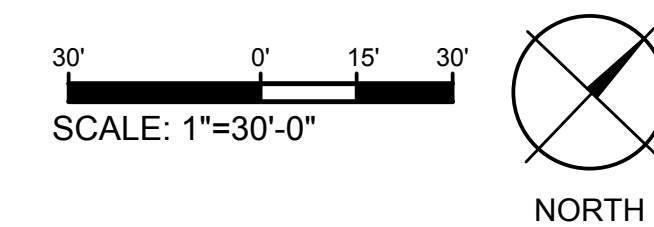
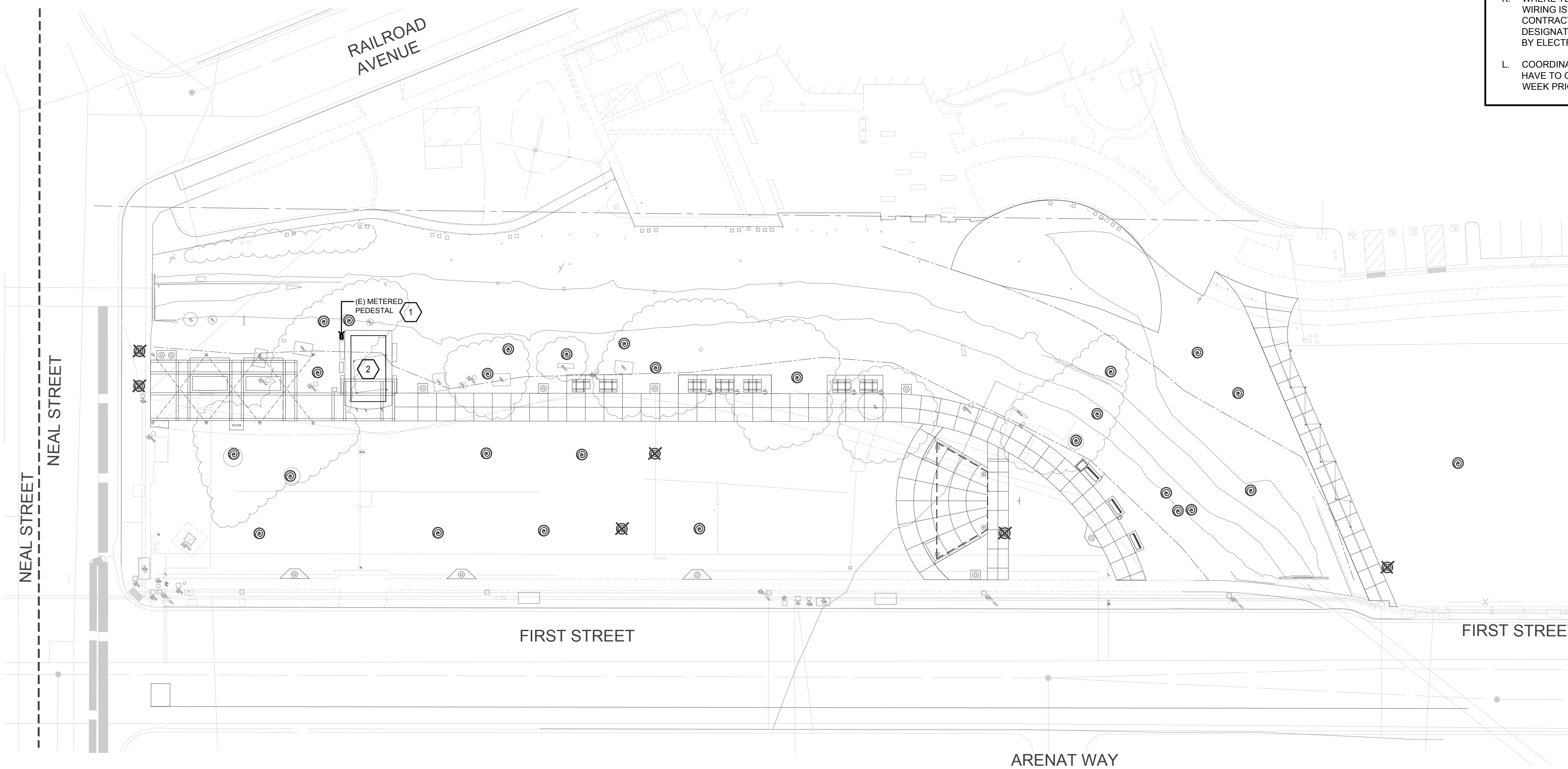
DWG NO. **E2.1**  
35 OF 41

### SHEET NOTES

1. EXISTING TO REMAIN.
2. PER GENERAL DEMOLITION NOTES: DEMOLISH EXISTING PLATFORM/STAGE ELECTRICAL POWER & LIGHTING COMPLETE.

### GENERAL DEMOLITION NOTES

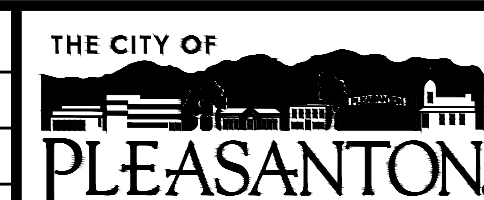
- A. CONTRACTOR SHALL FIELD VERIFY EXTENT OF ELECTRICAL DEMOLITION AND QUANTITIES OF ELECTRICAL TO BE REMOVED AS DICTATED BY THE REQUIREMENTS OF THE PROJECT.
- B. REMOVAL SHALL INCLUDE WIRING, RACEWAY, BOXES, SWITCHES, LIGHT FIXTURES, ETC. AS INDICATED ON THE PLANS AND AS REQUIRED BY THESE DEMOLITION NOTES.
- C. RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE CONCEALED IN EXISTING REMAINING WALLS MAY BE ABANDONED IN PLACE. REMOVE WIRING FROM CONDUIT.
- D. RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE EXPOSED SHALL BE REMOVED.
- E. WHERE REMOVAL OF EQUIPMENT OR WIRING IS INDICATED, IT SHALL INCLUDE ALL ASSOCIATED WIRING BACK TO LAST ACTIVE REMAINING OUTLET, DEVICE, FIXTURE OR PANEL.
- F. ELECTRICAL CONTRACTOR SHALL INSURE THAT ALL REMAINING ACTIVE CIRCUITS, DEVICES, OUTLETS, LIGHT FIXTURES, ETC. HAVE NOT BEEN DISCONNECTED OR MADE INOPERATIVE DURING DEMOLITION. ELECTRICAL CONTRACTOR SHALL RESTORE ALL INTERRUPTED OR DISCONNECTED CIRCUITS TO OPERATION.
- G. ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL REMOVED ELECTRICAL EQUIPMENT AND MATERIAL.
- H. NO REMOVED EQUIPMENT OR MATERIAL SHALL BE REUSED AS PART OF NEW WORK, U.O.N.
- I. EXISTING REMAINING CONCEALED RACEWAYS MAY BE REUSED FOR NEW WORK PROVIDED THEY MEET ALL REQUIREMENTS OF THE SPECIFICATION FOR NEW WORK.
- J. EXISTING WIRING SHOWN HAS BEEN TAKEN FROM OLD PLANS AND IS ASSUMED TO BE CORRECT. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS AND MAKE ADJUSTMENTS TO SUIT ACTUAL CONDITIONS AND TO MEET THE INTENT OF THE CONTRACT DOCUMENTS.
- K. WHERE TELEPHONE, COMPUTER DATA, FIBER OPTICS, FIRE ALARM OR OTHER COMMUNICATIONS OUTLETS OR WIRING IS TO BE DEMOLISHED IT SHALL BE REMOVED BACK TO THE NEXT TERMINAL POINT. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OWNER OR HIS REPRESENTATIVE TO HAVE EQUIPMENT AND WIRING DESIGNATED FOR REMOVAL OR PRESERVATION PRIOR TO REMOVAL OF OUTLET BOXES, CONDUIT OR WIRING BY ELECTRICAL CONTRACTOR.
- L. COORDINATE WITH CITY PRIOR TO START OF DEMOLITION TO MINIMIZE POWER INTERRUPTIONS. WORK MAY HAVE TO OCCUR DURING NON-REGULAR BUSINESS HOURS. COORDINATE IN WRITING WITH OWNER ONE WEEK PRIOR TO PLANNED POWER INTERRUPTIONS.



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**CITY OF PLEASANTON**  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)

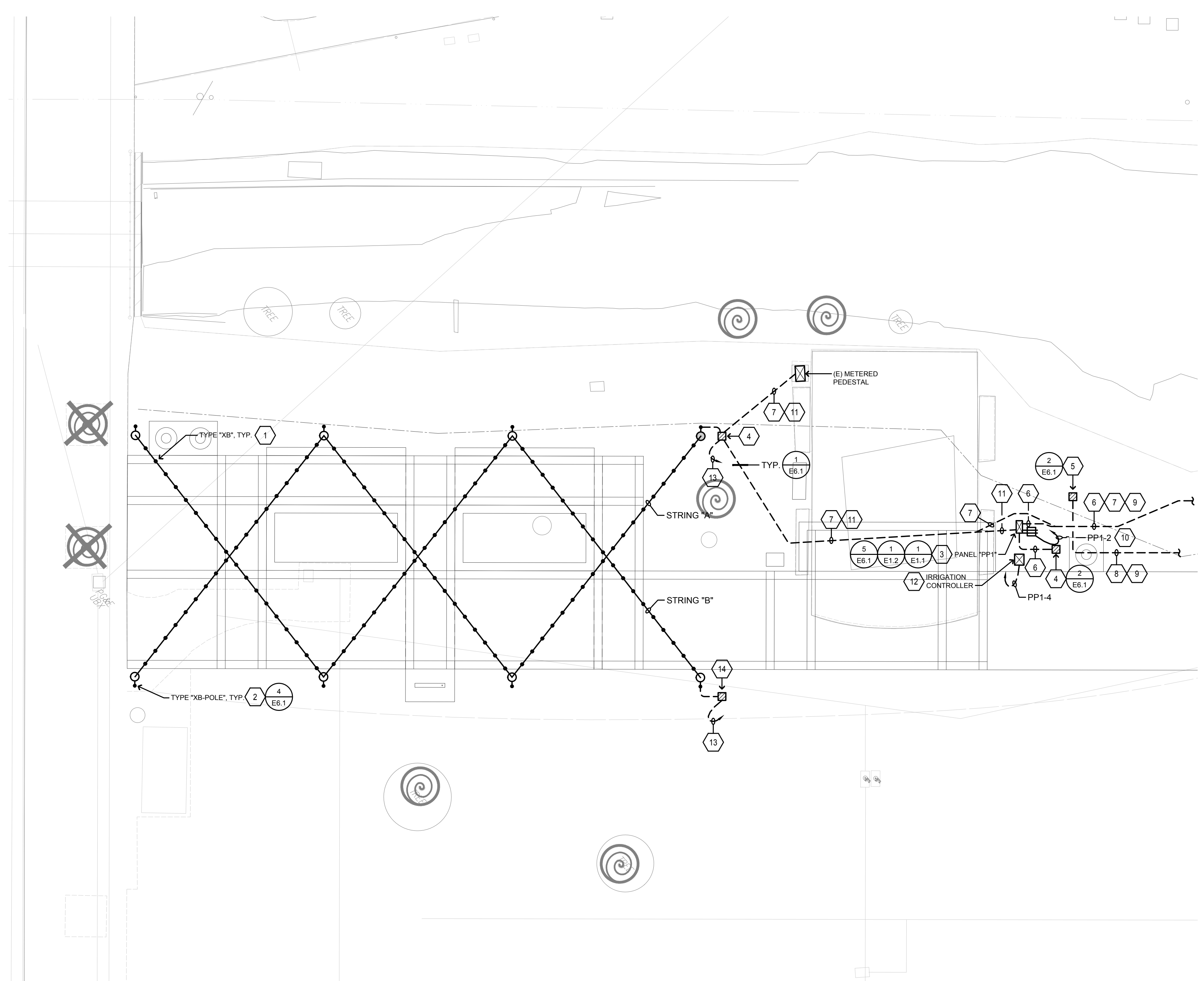
DEMOLITION SITE PLAN & DEMOLITION NOTES

**AURUM CONSULTING ENGINEERS**  
MONTEREY BAY, INC.  
Project No. 23-266.00  
1798 Technology Dr. • Suite 242 • San Jose, CA 95110  
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DESIGN: GH  
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CHECKED: BW/DR

SCALE: AS SHOWN  
PROJECT NO.: CIP-06716  
DATE: JUNE 18, 2024

DWG NO. **E2.1D**  
36 OF 41



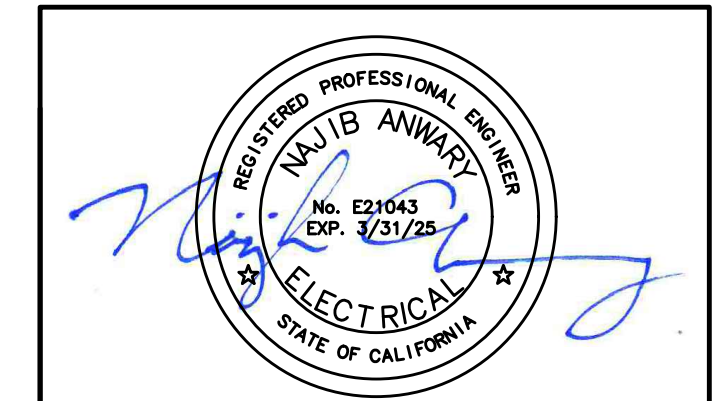
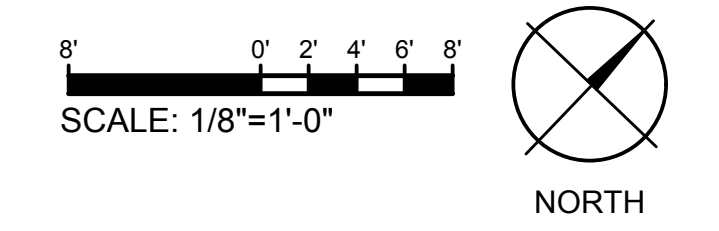
- ### SHEET NOTES
- FESTOON LIGHTING FIXTURE WITH AIRCRAFT CABLE SUSPENDED LIGHT FIXTURES BULB EVERY 24".
  - 4" DIAMETER, ROUND STEEL POLE, 14 FOOT HIGH, FOR LIGHTING SUPPORT. CONTRACTOR SHALL PROVIDE AND INSTALL END CAPS ON POLES AND FIELD MOUNT HARDWARE AND MAKE NECESSARY PROVISIONS FOR THE SUPPORT OF FESTOON STRING LIGHTS TO BE SUPPORTED WITHIN 12" OF THE TOP OF POLES. EYEBOLTS AND BRACKETS TO SUPPORT FESTOON LIGHTING SHALL BE INSTALLED BY CONTRACTOR AND COORDINATED WITH POLE MANUFACTURER.
  - PANEL/PEDESTAL WITH CABINET FOR FESTOON LIGHTING CONTROLS.
  - INSTALL IN-GRADE CHRISTY #N30 PULLBOX, LID LABELED "ELECTRICAL".
  - INSTALL IN-GRADE PULLBOX CHRISTY #N30; LID LABELED "SYSTEMS".
  - INSTALL (1) 2" C.O., FOR FUTURE POWER BETWEEN PEDESTAL "PP1" & EACH PULLBOX.
  - INSTALL FEEDERS FROM (E) METERED PEDESTAL TO NEW PEDESTAL PANEL "PP2". SEE 1/E1.1 FOR FEEDER SIZES & REQUIREMENTS.
  - INSTALL:  
- (2) 2" C.O., BETWEEN PULLBOXES FOR FUTURE SPEAKERS/LOW VOLTAGE CONNECTIONS.
  - SEE E2.1 FOR CONTINUATION.
  - LOCATE INSIDE PEDESTAL.
  - INSTALL FEEDERS FROM (E) METERED PEDESTAL TO NEW PEDESTAL "PP1". SEE 1/E1.1 FOR FEEDER SIZES AND REQUIREMENTS.
  - LOCATE FOR IRRIGATION CONTROLLER, 120V, 20A.
  - HOMERUN 1-1/2" CONDUIT WITH 24VDC CABLES FROM FESTOON LIGHTING STRING (A AND B, SEPARATELY) TO POWER SUPPLY LOCATED WITHIN THE PEDESTAL "PP1".
  - INSTALL IN-GRADE CHRISTY #N9 PULLBOX, LID LABELED "LIGHTING".

### LIGHT FIXTURE SCHEDULE

**FIXTURE NOTES:**

- ALL LED LIGHT FIXTURE DRIVERS SHALL BE ELECTRONIC TYPE, 10% TOTAL HARMONIC DISTORTION MAXIMUM.
- ALL LED LIGHT MODULES SHALL BE ENERGY SAVING 3500° K, 80 CRI MINIMUM, U.O.N. (SEE SPECIFICATIONS FOR MORE INFORMATION).
- ALL LED DRIVERS (AND ASSOC. FIXTS.) SHALL HAVE MANUFACTURER'S CERTIFICATION OF COMPLIANCE WITH CALIFORNIA ENERGY COMMISSION STANDARDS AND REQUIREMENTS, WHERE SUCH ARE USED IN CONDITIONED SPACES.

TYPE	DESCRIPTION	LAMPS	MANUFACTURER
XA	6" DIAMETER SURFACE MOUNTED LED DOWNLIGHT, WET LABEL, SYMMETRICAL WIDE BEAM, DIMMING DRIVER, 120V. FINISH PER CITY.	20W LED 2285 LUMENS	BEGA LIGHTING B24406 LED SERIES
XB	AIR CRAFT CABLE SUSPENDED LED FESTOON LIGHTING IP65 RATED WHEN INSTALLED IN A DOWNWARD DIRECTION, 24" BULB SPACING/LENGTH PER PLANS, SEE DETAIL FOR REQUIRED COLOR CHANGING LITESPHERE RGB+W DMX CONTROLS.	5W / BULB/FT 3000K G19 (5) LED CLUSTER	TIVOLI LIGHTING LITESPHER 2.0 CABLE LIGHT VHO, CLEAR GLOBE LED BULBS WITH 24VDC POWER SUPPLIES AS NECESSARY



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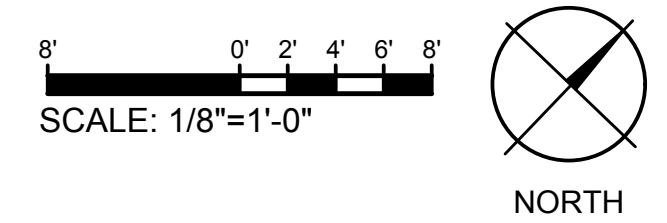
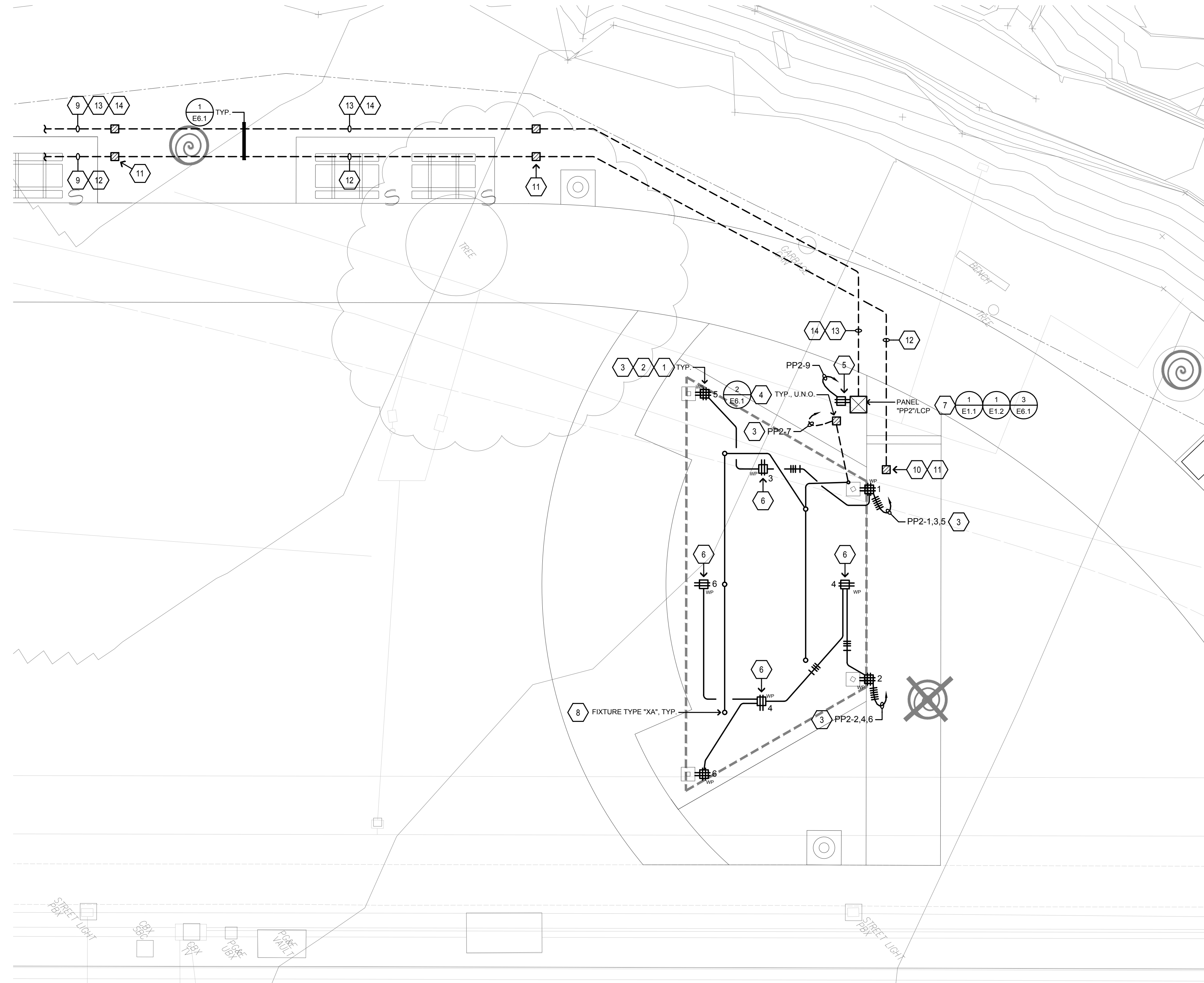
LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
NEW PARTIAL SITE PLAN & LIGHT FIXTURE SCHEDULE

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1798 Technology Dr. • Suite 242 • San Jose, CA 95110  
T.831.646.3330 • F.831.646.3336 • www.aecomb.com

DESIGN:	GH	SCALE:	AS SHOWN	DWG NO.	E2.2 37 OF 41
DRAWN:	BN	PROJECT NO.:	CIP-06716		
CHECKED:	BW/DR	DATE:	JUNE 18, 2024		

# SHEET NOTES

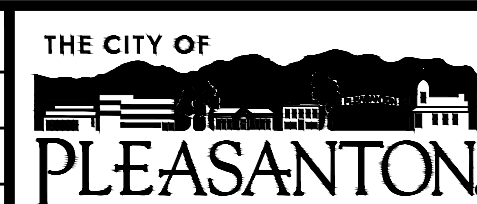
1. INSTALL W/ IN-USE; EXTRA DUTY COVER, TAYMAC OR EQUAL. PROVIDE WITH LOCKABLE COVER.
2. MOUNT AT +18" A.F.F., U.O.N.
3. CIRCUIT VIA CONTROL PANEL AND PROGRAM FOR SET ON/OFF TIME W/ CITY REP.
4. IN-GRADE CHRISTY #N30 PULLBOX, LID LABELLED "ELECTRICAL".
5. LOCATE INSIDE PEDESTAL.
6. MOUNT UP HIGH AT EVE/ALONG ROOF OF STRUCTURE; FIELD COORDINATE WITH CITY.
7. PAD MOUNTED NEMA 3R CABINET; 48" HIGH x 24" SQ. FOR HOUSING LIGHTING CONTROLS.
8. MOUNT TO ROOF STRUCTURE.
9. SEE E2.1 FOR CONTINUATION.
10. LOCATE PULLBOX PER CITY DIRECTION FOR FUTURE SOUND/SYSTEM INSTALL (2) 2" C.O., FROM THIS PULLBOX TO ALL OTHER SYSTEMS PULLBOXES ALONG PATHWAY.
11. INSTALL IN-GRADE PULLBOX CHRISTY #N30; LID LABELLED "SYSTEMS".
12. INSTALL:  
- (2) 2" C.O., BETWEEN PULLBOXES FOR FUTURE SPEAKERS/LOW VOLTAGE CONNECTIONS.
13. INSTALL (1) 2" C.O., FOR FUTURE POWER BETWEEN PEDESTAL "PP1" & EACH PULLBOX.
14. INSTALL FEEDERS FROM (E) METERED PEDESTAL TO NEW PEDESTAL PANEL "PP2". SEE 1/E1.1 FOR FEEDER SIZES & REQUIREMENTS.



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**LIONS WAYSIDE & DELUCCHI PARK RENOVATION**  
(Project No. 06716)

NEW PARTIAL SITE PLAN & LIGHT FIXTURE SCHEDULE

AURUM CONSULTING ENGINEERS  
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SCALE:	AS SHOWN
PROJECT NO.:	CIP-06716
DATE:	JUNE 18, 2024

DWG NO.  
**E2.3**  
38 OF 41

MATERIALS LIST TO BE PROCURED & INSTALLED FOR FESTOON/STRING LIGHTING SYSTEM			
Qty	Type	Mfg	Description
	NOTE		
2		TIVO	LST-BK-24-RGBW-OP-160-24
		TIVO	LITESPHERE TRUE RGB+W 24"OC, 0.5W/FT.
		TIVO	BLACK CABLE, 160' RUN LENGTH.
		TIVO	80 RGBW LEDS WITH OPAL GLOBE 3CH
2		TIVO	LST-JUMPER-B-50
		TIVO	LITESPHERE TRUE RGB+W 50' 4-PIN JUMPER BLACK CABLE
1		TIVO	LST-T-CNN-PWR-B
		TIVO	LITESPHERE-T-CONNECTOR-CONNECTOR-POWER-BLACK
1		TIVO	LST-EC-B
		TIVO	LITESPHERE TRUE RGB+W BLACK END CAP
1		TIVO	LS-CABLE-500
		TIVO	CATENARY CABLE KIT - 500 FT
6		TIVO	LS-UV2P-BK-50
		TIVO	UV RESISTANT, HEAVY DUTY TIES, MAXIMUM WEIGHT UP TO 100 LBS PER TIE, 50PC BAG SET
2		TIVO	LS-LOCK-4
		TIVO	CABLE LOCK - .125 INCH CABLE, INCLUDES (1) CABLE RELEASE KEY
1		TIVO	LS-TT
		TIVO	CATENARY CABLE TENSIONING TOOL
1		TIVO	ADNM-120-1-4-24-DAT
		TIVO	ADNM CLASS 2 DRIVER, 96W, 100-277VAC, 24VDC 1XA, OUTDOOR, W/ DATA BOX AND T-CNN
1		TIVO	ADNM-120-1-4-24-D
		TIVO	ADNM CLASS 2 DRIVER, 96W, 100-277VAC, 24VDC 1XA, OUTDOOR, NON-DIM
1		TIVO	TVOQ-10-BK-7
		TIVO	TIVOCUE 10, BLACK FACE PLATE COLOR
1		TIVO	TVOQ-10-TRG-HSG
		TIVO	TIVOCUE10 TRIGGER BLACK HOUSING
1		TIVO	DMX-SPLT-8
		TIVO	DMX SPLITTER, 1 INPUT TO 8 OUTPUT, ETHERNET OR HARDWARE CONNECTION
1		TIVO	ADNM-ENCLOSURE 16X16X4
1		TIVO	TVOQ-ONS-COMM-1
		TIVO	ONSITE DMX COMMISSIONING FOR TIVOCUE 2 & 10
		TIVO	DMX WALL CONTROLLER (EST. 2 DAYS)

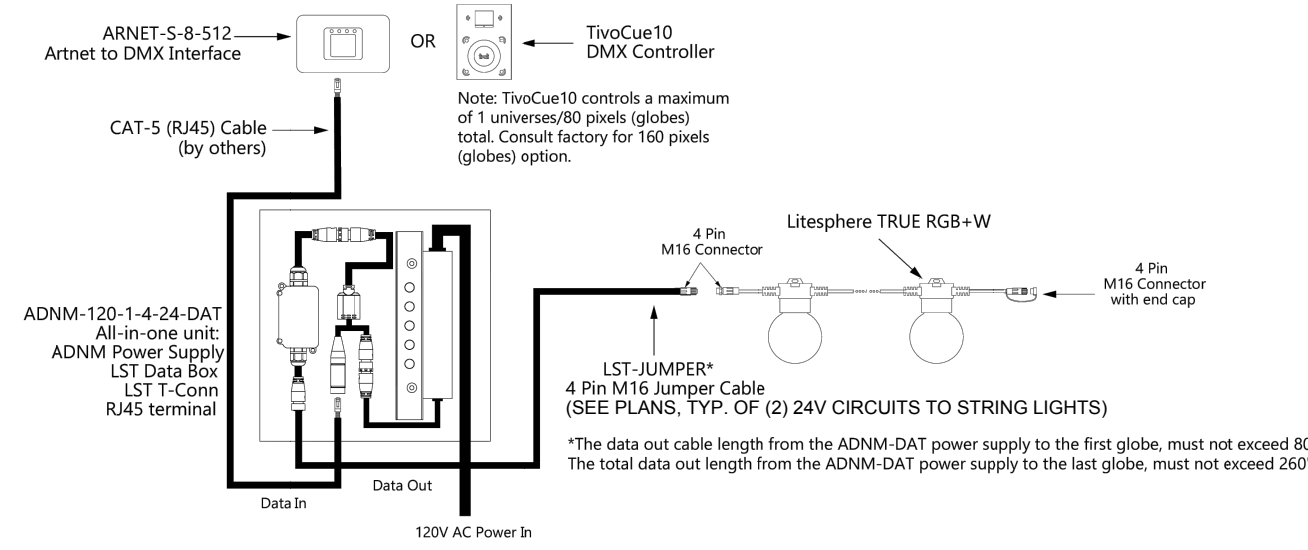
### Data Operation & Wiring Diagram

DMX Databox base address is always 001 and auto addresses on powerup all connected globes up to a maximum of 170 globes equal to 510 DMX channels. (3 DMX Ch. per Globe) DMX Ch 511-512 can be used for DMX relay controlled powerup, optional.

### Off-line Operation

#### TivoCUE or Artnet Interface (Preset)

Programmed with CUE software or MADRIX and recorded to a Micro SD card for data transfer into TivoCUE or Artnet Interface control. This is a stand-alone feature with no need for network support by software (CUE or MADRIX) once recorded and transferred to control hardware. Please refer to the TivoCue10 or ARTNET-5-B-512 specification for setup/record information.

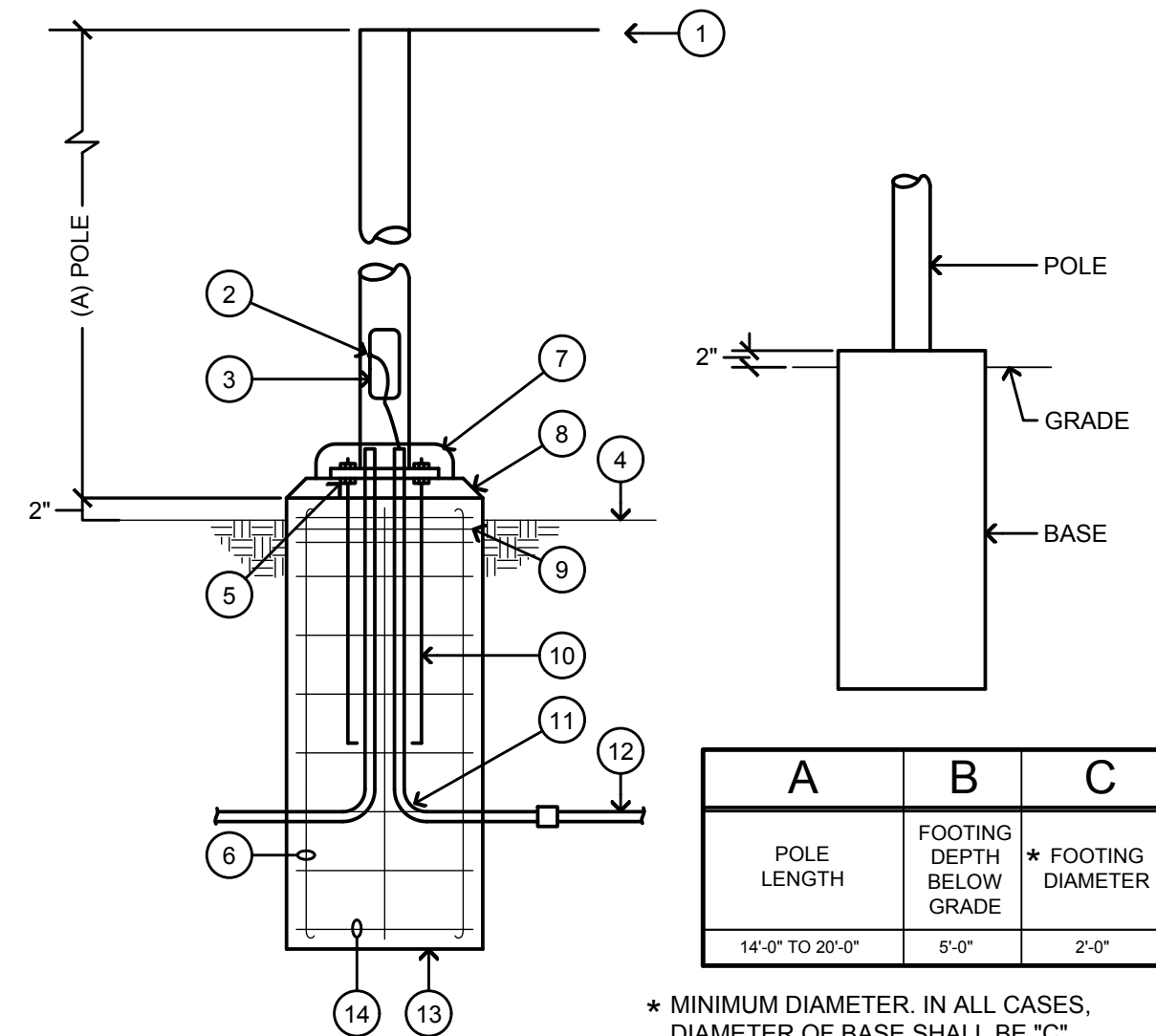


### NOTES FOR INSTALLING CONTRACTOR:

SPECIALTY LIGHTING SYSTEM TO BE 'LITESPHERE SERIES' BY TIVOLI  
 REQUIRED SYSTEM TO BE LST-RGBW PER PLANNING MEETING DISCUSSIONS.  
 CONTRACTOR SHALL PROVIDE SPECIAL COMMISSIONING. FOR REQUIRED SPECIAL COMMISSIONING PLEASE CONTACT MANNY CHAVEZ 714.427.3420  
 REQUIRED TIVOLI LIGHTING CONTROLS AND LIGHTING SCENES MUST BE PER DESIGN MEETINGS AND PLANNING.

## 5 24V LITESPHERE" TRUE RGB+W

NO SCALE



## 4 FIXTURE TYPE "XB" MOUNTING

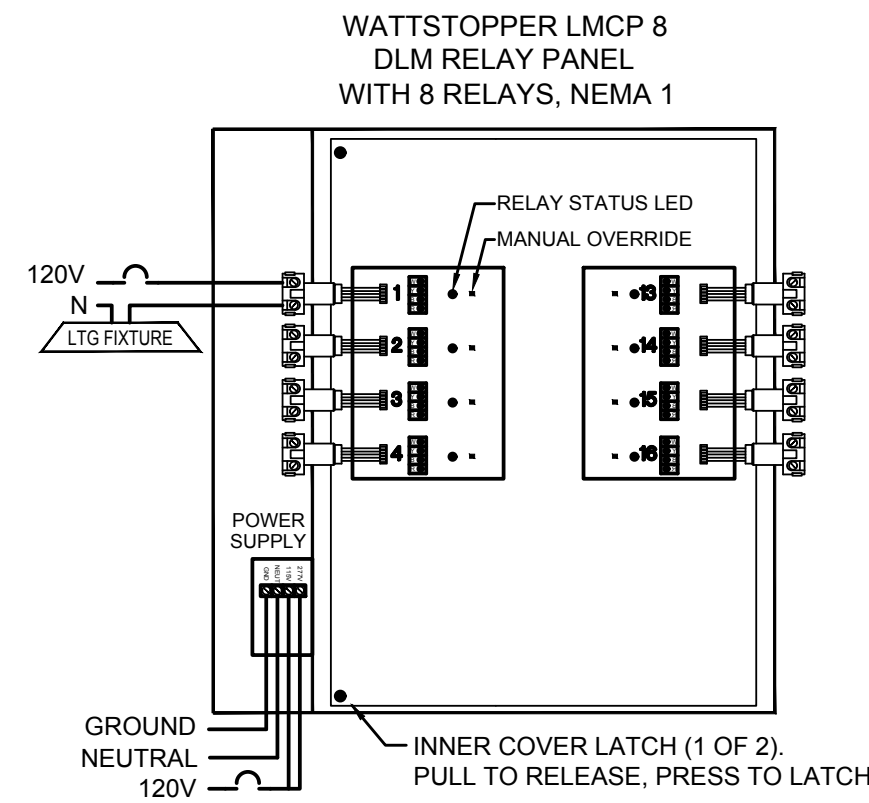
NO SCALE

### DETAIL NOTES:

- POLE MOUNTED FIXTURE CABLE POINT OF CONNECTION.
- GROUND BOND LUG IN POLE.
- HANDHOLE WITH GASKET COVER.
- FINISHED GRADE.
- LEVEL NUTS.
- 6 #4 VERTICAL BARS EQUALLY SPACED; HOOK ENDS.
- ANCHOR BOLTS AND BASE COVER.
- GROUT FILLED WITH 1" x 45° BEVEL AT EDGE.
- 3 #3 TIES IN UPPER 5" OF BASE.
- ANCHOR BOLT: QUANTITY & SIZE PER POLE MFG. FURNISHED WITH POLE. ANCHOR BOLTS SHALL BE WITHIN VERTICAL REBAR CAGE.
- PVC ELBOW AND RISER.
- BRANCH CIRCUIT PVC CONDUIT.
- 3000 P.S.I. AT 28 DAYS CONCRETE FOOTING.
- #4 HORIZONTAL TIES AT 9" O.C. LAP END.

### GENERAL NOTES:

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY



### GENERAL NOTES:

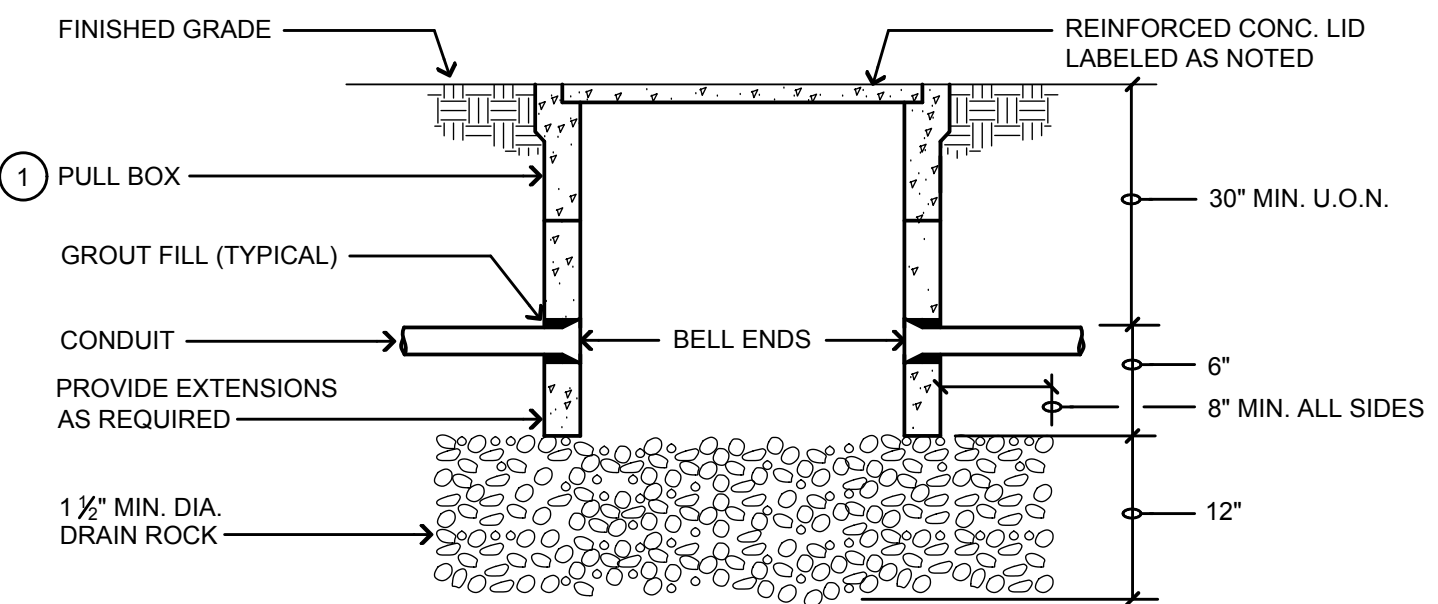
- EXTERIOR SCHEDULE:  
"EL" - ON AT DUSK, OFF AT SET TIME  
"NL" - ON AT DUSK, OFF AT DAWN
- INTERIOR SCHEDULE:  
ON AT SET TIME, OFF AT SET TIME

## 3 EXTERIOR LIGHTING CONTROL

NO SCALE

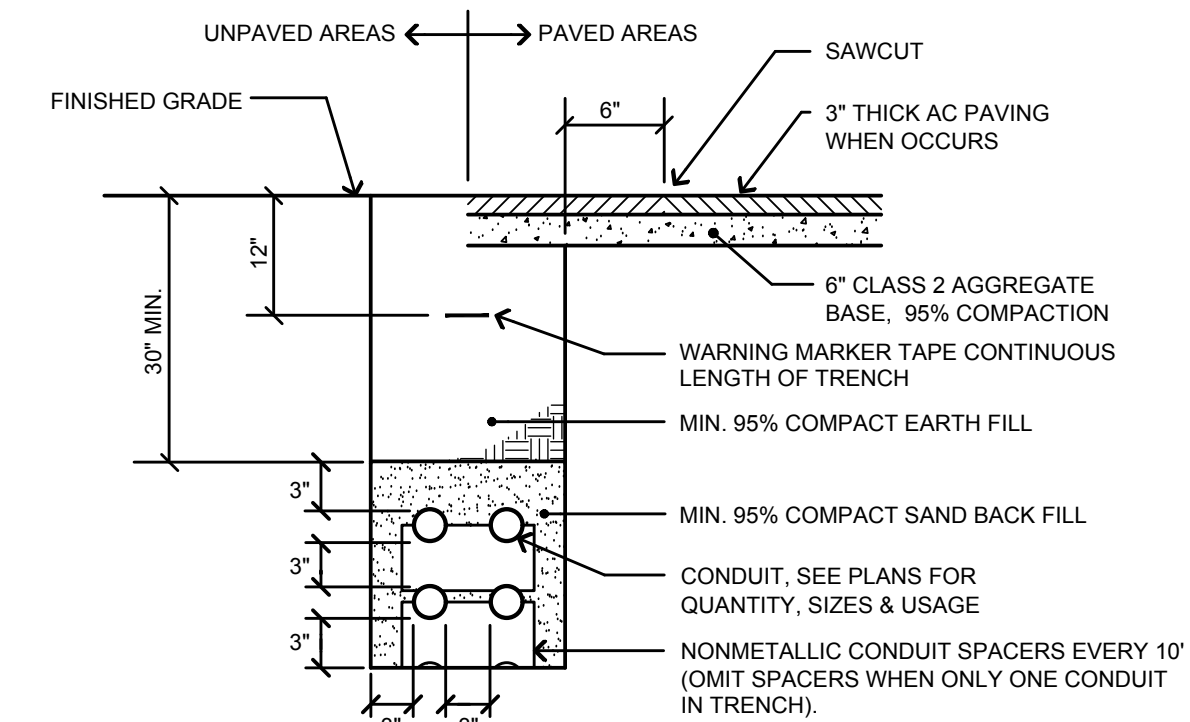
### DETAIL NOTES:

- SIZE(S) & MFG. AS NOTED ON DRAWINGS.



## 2 TYPICAL PULLBOX DETAIL

NO SCALE

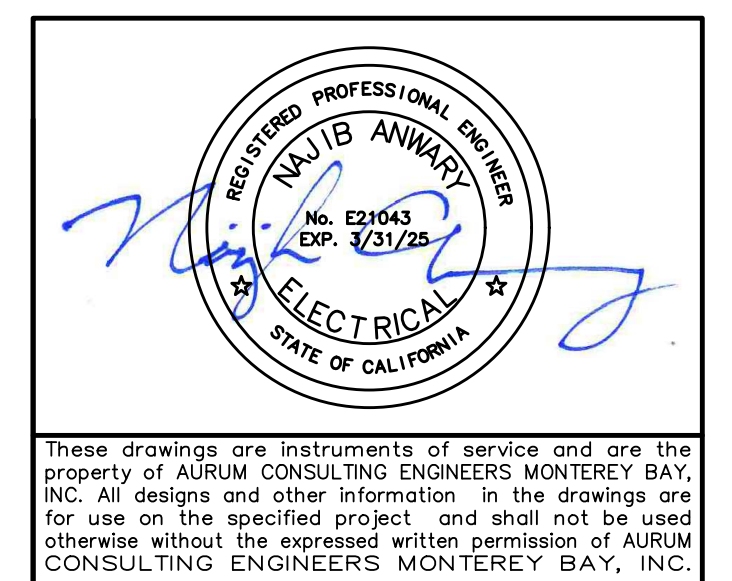


### NOTES:

- SAW CUT, TRENCH & BACKFILL FOR (N) CONDUITS. PATCH WALKWAY TO MATCH (E) SURROUNDING SURFACES. CARE SHALL BE TAKEN TO PROTECT EXISTING TREES. RESEED OR RESOD (E) DISTURBED PLANTED AREAS TO ARCHITECT'S SATISFACTION.
- BASE MATERIAL TO BE REPLACED TO THE DEPTH OF EXISTING BASE AND COMPACTED TO A MIN. 95% RELATIVE COMPACTION. A.C. MAY BE SUBSTITUTED FOR BASE MATERIAL. WHEN USED AS BACKFILL, CLASS 100-E-100 P.C. MAY BE SUBSTITUTED FOR BASE MATERIAL.

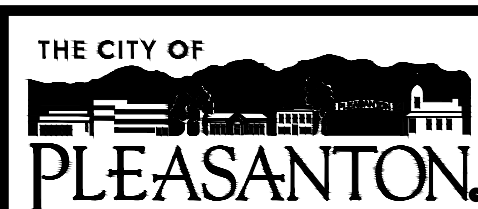
## 1 TYPICAL TRENCH SECTION

NO SCALE



## BID SUBMITTAL

REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



CITY OF PLEASANTON  
 Department of Public Works

ADAM M. NELKIE  
 CITY ENGINEER  
 NO. 78830  
 EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
 (Project No. 06716)

ELECTRICAL DETAILS

AURUM CONSULTING ENGINEERS  
 MONTEREY BAY, INC.  
 Project No. 23-266.00  
 1798 Technology Dr. • Suite 242 • San Jose, CA 95110  
 T.831.646.3330 • F.831.646.3336 • www.aecomb.com

DESIGN: GH  
 DRAWN: BN  
 CHECKED: BW/DR

SCALE: AS SHOWN  
 PROJECT NO.: CIP-06716  
 DATE: JUNE 18, 2024

DWG NO. E6.1  
 39 OF 41

**TESTING AND INSPECTION NOTES AND CRITERIA:**

- ALL TESTS AND INSPECTIONS ARE TO BE PROVIDED BY A QUALIFIED TESTING LAB OF RECORD, HIRED BY THE CITY.
- ALL TESTS AND INSPECTIONS SHALL CONFORM TO CHAPTER 17 OF THE 2022 CBC AND THE PROJECT SPECIFIC TESTING AND INSPECTION CRITERIA.
- A REPRESENTATIVE OF THE CITY SHALL OBSERVE ALL GRADING, BUILDING PAD PREP, AND FOOTING EXCAVATIONS.

SOILS - 2022 CBC 1705.6

- VERIFY MATERIALS BLW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY
- VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL
- PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS
- VERIFY USE OF PROPER MATERIALS, DENSITIES & LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL
- PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY

INSPECTIONS  
CONTINUOUS  
PERIODIC

CONCRETE CONSTRUCTION - 2022 CBC 1705.3

- INSPECT REIN & VERIFY PLACEMENT
- INSPECT ANCHORS CAST IN CONCRETE
- INSPECT POST-INSTALLED ANCHORS
- ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS
- ALL OTHER MECHANICAL AND ADHESIVE ANCHORS
- VERIFY USE OF REQUIRED MIX DESIGN
- PRIOR TO CONC PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, DETERMINE TEMP OF CONC
- VERIFY MAINTENANCE OF SPECIFIED CURING TEMP & TECHNIQUES

INSPECTIONS  
CONTINUOUS  
PERIODIC

STRUCTURAL STEEL - 2022 CBC 1705.2

QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE FABRICATOR AND ERECTOR IN ACCORDANCE WITH AISC 360, CHAPTER N AS NOTED BLW. QUALITY ASSURANCE (QA) AS SPECIFIED IN AISC 360, CHAPTER N SHALL BE PROVIDED BY INDEPENDENT INSPECTION AGENCY AS NOTED BLW:

- O - OBSERVE ITEMS ON A RANDOM BASIS
- P - PERFORM TASKS FOR EACH JOINT OR MEMBER

WELDING

- WELDING PROCEDURE SPECIFICATIONS (WPS)
- MANUFACTURER CERT FOR WELDING CONSUMABLES
- MATERIAL IDENTIFICATION (TYPE/GRADE)
- WELDER IDENTIFICATION SYSTEM
- FIT-UP GROOVE WELDS (INCLUDING JOINT GEOMETRY)
- CONFIGURATION & FINISH OF ACCESS HOLES
- FIT-UP OF FILLET WELDS
- CHECK WELDING EQUIPMENT
- USE OF QUALIFIED WELDERS
- CONTROL & HANDLING OF WELDED CONSUMABLES
- NO WELDING OV/CRACKED TACK WELDS
- ENVIRONMENTAL CONDITIONS
- WELDING TECHNIQUES
- WELDS CLEANED
- SIZE, LENGTH, & LOCATION OF WELDS
- WELDS MEET VISUAL ACCEPTANCE CRITERIA
- ARC STRIKES
- K AREA
- BACKING REMOVED & WELD TABS REMOVED (IF REQUIRED)
- REPAIR ACTIVITIES
- DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER

INSPECTIONS  
CONTINUOUS  
PERIODIC

**CONCRETE FORMWORK AND ACCESSORIES NOTES:**

- FORM MATERIALS MAY BE PLYWOOD PER APA DOC PS-1, CLASS 1 EXTERIOR GRADE, OR DOUGLAS FIR LUMBER, CONSTRUCTION GRADE MINIMUM.
- FORM RELEASE AGENTS SHALL BE OF A LIQUID CHEMICAL AGENT FREE OF WAX OR OILS AND SHALL BE COLORLESS AND NON-STAINING, AND IN COMPLIANCE WITH LOCAL AQMD. FORM RELEASE AGENTS TO BE APPLIED PRIOR TO PLACEMENT OF REINFORCING AND ALL EMBEDDED ITEMS.
- FORMWORK IS TO BE ERECTED PER ACI 318 SECTION 26.11 AND IS TO MAINTAIN TOLERANCES REQUIRED BY ACI 117. NON-PLYWOOD FORMWORK SHALL BE THOROUGHLY WATER SOAKED AT LEAST 12 HOURS BEFORE PLACING CONCRETE.
- REMOVAL OF FORMWORK IS TO BE PER ACI 318 SECTION 26.11.
- SPACERS AND CHAIRS FOR REINFORCING AT SLABS ON GRADE ARE TO BE MANUFACTURED FROM NON-FERROUS MATERIAL/PLASTIC. CONCRETE DOBIES MY BE USED AT FOOTINGS ONLY
- ALL DEBRIS SHALL BE REMOVED FROM FORMS AND FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE.

**CONCRETE REINFORCING NOTES:**

- ALL CONCRETE REINFORCING SHALL CONFORM TO THE 2022 CBC AND BE DETAILED, FABRICATED, AND PLACED PER ACI 318-19, AND PER THE LATEST EDITION OF ACI 315.
- SUBMITTALS:
  - SHOP DRAWINGS - DRAWINGS INDICATING BAR SIZES, SPACING, LOCATIONS, QUANTITIES, AND BEND/DETAILING PROVISIONS.
  - PRODUCT DATA - SPACING AND SUPPORTING DEVICES INCLUDING CHAIRS.
- REINFORCEMENT SHALL BE DEFORMED BILLET STEEL PER ASTM A-615, GRADE 60.
- ALL BENDING OF REINFORCEMENT IS TO BE PER ACI 318. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- REINFORCEMENT IN SLABS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR CORNER BARS PROVIDED.
- LAP SPLICES OF CONCRETE REINFORCEMENT, UNO
 

A. #3 BARS = 30"	NOTED LAP LENGTHS ARE BASED ON CONCRETE WITH A 28-DAY STRENGTH OF 4000 PSI, NON-EPOXY COATED BARS, AND CLASS B LAP SPLICES.
B. #4 BARS = 40"	
C. #5 BARS = 48"	
D. #6 BARS = 60"	
- ALL ADJACENT REINFORCING LAPS ARE TO BE STAGGERED A MINIMUM OF 5'-0".
- REINFORCING SHALL BE PLACED WITH THE FOLLOWING MINIMUM CLEAR COVERAGE, UNO:
 

A. POURED AGAINST EXCAVATIONS/GROUND	= 3"
B. POURED AGAINST FORMS, EXPOSED TO SOIL	= 2"
C. CONCRETE EXPOSED TO WEATHER	= 1 1/2"
D. SLABS ON GRADE - CENTER REINFORCING WITHIN SLAB DEPTH	
- REINFORCING SHALL BE TIED IN PLACE. TACK WELDING OF REINFORCING IS NOT PERMITTED.
- WHERE REINFORCING IS NOT SPECIFIED, REFER TO ACI 318 FOR MINIMUM REINFORCEMENT.
- WELDING OF REINFORCING IS NOT PERMITTED UNLESS SHOWN ON THESE DRAWINGS OR WITH PRIOR WRITTEN APPROVAL FROM THE SEOR.

**CAST-IN-PLACE CONCRETE NOTES:**

- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND ACI 318-19.
- SUBMITTALS:
  - PRODUCT DATA - CONCRETE RELATED PRODUCTS INCLUDING BUT NOT LIMITED TO BONDING AGENT, NON-SHRINK GROUT, CURING COMPOUND, PROPOSED ADMIXTURES, ETC.
  - MIX DESIGNS - SUBMIT ALL PROPOSED MIX DESIGNS AS PREPARED BY CONCRETE SUPPLIER TO AOR/SEOR FOR REVIEW AND FOR ACCEPTANCE BY A THE TESTING LAB OF RECORD (TLOR) FOR THE PROJECT. MIX DESIGNS TO INCLUDE HISTORICAL TEST DATA OF 28-DAY BREAKS (30 MIN).
- ALL CONCRETE SHALL BE NORMAL WEIGHT PER ACI 301 AND HAVE PROPORTIONS OF CEMENT, COARSE AND FINE AGGREGATE, WATER AND ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER ACI 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE AND SUPPORTED BY PREVIOUS TEST RECORDS.
- STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
 

A. 28-DAY STRENGTH, F <sub>c</sub> = 4,500 PSI
B. MAX AGGREGATE SIZE = 1"
C. MAX WATER TO CEMENT RATIO = 0.45
D. SLUMP = 4" ± 1" PER ASTM C-143
E. ADMIXTURES CONTAINING CALCIUM CHLORIDE ARE NOT ALLOWED
- CONSTITUENTS OF STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:
  - PORTLAND CEMENT PER ASTM C-150 TYPE V - THE AMOUNT OF POZZOLAN OR SLAG CEMENT SHALL BE AT LEAST THE AMOUNT THAT HAS BEEN DETERMINED BY SERVICE RECORD TO IMPROVE SULFATE RESISTANCE PER ACI 318-19, TABLE 19.3.2.1, FOOTNOTE 7.
  - COARSE AND FINE AGGREGATES PER ASTM C-33.
  - REINFORCING PER ASTM A615 GRADE 60, UNO.
  - FLY ASH PER ASTM C-618 CLASS N OR F (15% MAX BY WEIGHT).
  - WATER SHALL BE PER ASTM C-1602 AND SHALL BE CLEAN AND FREE OF DELETERIOUS AMOUNTS OF ACID, ALKALIS, SALTS AND ORGANIC MATTER.
- MIX AND DELIVER CONCRETE PER ACI 318 SECTIONS 26.4 AND 26.5 IN TRANSIT MIXERS ONLY (READY-MIXED CONCRETE). READY-MIXED CONCRETE IS TO BE PER ASTM C-94. A DELIVERY TICKET SHALL BE PROVIDED FOR EACH LOAD OF READY-MIXED CONCRETE, WITH A COPY GIVEN TO THE CITY AND A COPY PROVIDED TO THE AOR/SEOR.
- ALL REINFORCEMENT, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE.
- FREE-FALL OF CONCRETE SHALL BE LIMITED TO 4'-0" MAX. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEPARATION OF AGGREGATES.
- CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER ACI 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.
- CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE INTENTIONALLY ROUGHENED TO 1/4" AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- REFER TO ACI RECOMMENDATIONS FOR PLACING AND CURING CONCRETE IN COLD (SECTION 26.5.4) AND HOT (SECTION 26.5.5) WEATHER CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONCRETE MIX DESIGN WITH BATCH PLANT TO PROVIDE CONCRETE MIX APPROPRIATE FOR SITE CONDITIONS. NO CONCRETE PLACEMENT SHALL OCCUR AT TEMPERATURES BELOW 50° FAHRENHEIT NOR ABOVE 90° FAHRENHEIT.
- CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND IMPLEMENTING APPROPRIATE CURING PROCEDURES FOR ACTUAL SITE/WEATHER CONDITIONS AND SHALL INCLUDE PROVISIONS FOR INCLEMENT WEATHER. REFER TO ACI 308R.
- ALL SLABS SHALL BE FLAT AND LEVEL WITH A TOLERANCE OF 1/8" IN 10' FOR FLATNESS AND MINIMUM LOCAL VALUE F = 32 PER ASTM 1155. THE PROJECT OWNER MAY REJECT ANY CONSTRUCTION THAT DOES NOT MEET THE FLATNESS CRITERIA NOTED WITH REPLACEMENT AT CONTRACTOR'S EXPENSE.
- CONDUITS AND PIPES EMBEDDED IN THE SLAB (OTHER THAN THOSE PASSING VERTICALLY THROUGH) SHALL NOT BE PERMITTED. CONTRACTOR TO SUBMIT FOOTING PENETRATIONS TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- BONDING AGENT TO BE PER ASTM C-631, BONDCRETE-S BY BURKE, LOCK BOND NO. 906 BY LAMBERT CORPORATION, OR APPROVED EQUAL.
- NON-SHRINK GROUT TO BE PER ASTM C-1107, SIKA-328 BY SIKA CORPORATION OR EQUAL, AND SHALL REACH A MINIMUM STRENGTH OF 5,000 PSI WITHIN 7 DAYS.
- THE STRUCTURAL ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 48 HOURS BEFORE PLACING CONCRETE.

**GENERAL NOTES:**

- ALL NEW WORK SHALL CONFORM TO TITLE 24 2022 EDITIONS WITH AMENDMENTS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- THIS SET OF STRUCTURAL DRAWINGS IS APPLICABLE ONLY TO THE LISTED PROJECT AND SITE LOCATION.
- NOTES ON THIS SHEET ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. TYPICAL DETAILS SHALL APPLY FOR ALL LIKE CONDITIONS UNLESS OTHERWISE NOTED OR DETAILED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS, AND OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE SHOWN OR NOTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" AND ALL OSHA REQUIREMENTS. THE ENGINEER OF RECORD ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY W/ THESE REQUIREMENTS.
- STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE, AND DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. DESIGN AND CONSTRUCTION OF ALL TEMPORARY BRACING, SHORING, FORMING, ETC REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**FOUNDATION NOTES:**

- FOUNDATIONS ARE DESIGNED ACCORDING TO THE PARAMETERS LISTED IN THE "DESIGN CRITERIA" ITEM 5 ON THIS SHEET.
- FOOTINGS SHALL BEAR ON FIRM, DRY, COMPACTED SUBSTRATE.
- PIER DEPTHS INDICATED ON PLANS ARE MINIMUMS. AREAS OF OVER-EXCAVATION SHALL BE BACKFILLED WITH COMPACTED FILL PER THE SOILS REPORT OR WITH LEAN CONCRETE HAVING A MINIMUM 28-DAY STRENGTH OF 1,000 PSI.
- FOOTINGS MAY BE OVER-EXCAVATED AT CONTRACTOR'S OPTION FOR PLACEMENT OF LEAN MIX CONCRETE TO FACILITATE THE REMOVAL OF DEBRIS AND STANDING WATER.
- ALL FOOTINGS NOT FORMED SHALL BE POURED IN NEAT EXCAVATIONS. BOTTOMS OF EXCAVATIONS SHALL BE LEVEL, WITH CHANGES IN ELEVATION ONLY AS NOTED IN THESE DRAWINGS.
- SEOR SHALL BE NOTIFIED IMMEDIATELY WHERE JOB SITE CONDITIONS ARE DIFFERENT THAN THOSE SHOWN ON CONTRACT DRAWINGS.
- SEOR SHALL BE NOTIFIED A MINIMUM OF 48-HOURS PRIOR TO THE PLACING OF CONCRETE SLABS AND FOUNDATIONS.

**STRUCTURAL STEEL NOTES:**

- THE FABRICATION AND ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND THE AISC STEEL CONSTRUCTION MANUAL 16TH EDITION.
- SUBMITTALS:
  - SHOP DRAWINGS - DRAWINGS INDICATING MEMBER SIZES/PROFILES, LOCATIONS, AND CONNECTIONS, BOTH WELDED AND BOLTED.
  - PRODUCT DATA - MILL TEST REPORTS/PRODUCT DATA FOR STEEL MEMBERS, BOLTS, AND WELDING ELECTRODES.
  - WELDING CERTIFICATES AND PROCEDURES - WELDER'S CERTIFICATES TO CERTIFY THAT WELDERS PERFORMING THE WORK MEET AWS QUALIFICATIONS WITH THE PREVIOUS 12 MONTHS AND WELDING PROCEDURES FOR EACH WELD TYPE REQUIRE ON PROJECT TO BE SUBMITTED FOR ACCEPTANCE BY TESTING LAB OF RECORD (TLOR).
- STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING
  - PLATES: ASTM A36/A572, F<sub>y</sub> = 50 KSI (DUAL CERT)
  - SQUARE/RECTANGULAR HSS: ASTM A500, GRADE C F<sub>y</sub> = 50 KSI
- WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER AWS STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" AWS D1.1.
- ALL WELDED JOINTS AND ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX UNO. FCAW FILLER METAL WIRE SHALL BE 3/32" MAX DIAMETER AND SMAW FILLER METAL WIRE SHALL BE 3/32" MAX DIAMETER.
- ALL STRUCTURAL STEEL SHALL BE ERECTED PLUM AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE UNTIL THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETE.
- ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED BELOW GRADE SHALL HAVE 3" MINIMUM COVER. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED ABOVE GRADE AT CONCRETE EXPOSED TO WEATHER SHALL HAVE 1 1/2" MINIMUM COVER.
- ALL EMBEDDED ANCHOR BOLTS SHALL BE F1554 GRADE 36 UNO. HOLES AT STEEL-TO-STEEL CONNECTIONS ARE TO BE 1/8" OVERSIZE AND HOLES AT STEEL COLUMN BASE PLATES ARE TO BE 1/8" OVERSIZE, UNO.
- STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT, EXCEPT THE BELOW NOTED LOCATIONS, WHERE PRIMER SHALL BE HELD 2" CLEAR:
  - STEEL SURFACES EMBEDDED IN CONCRETE
  - SURFACES TO BE FIELD WELDED
  - CONTACT SURFACES WITH HIGH STRENGTH BOLTED CONNECTIONS
- ALL STRUCTURAL COLUMNS ARE TO BE SET UPON ANCHOR RODS WITH LEVELING NUTS ALLOWING APPROXIMATELY 1 1/2" ± CLEARANCE. CLEARANCE SPACE UNDER COLUMNS AND BLOCK-OUTS IN CURBS FOR COLUMN PLACEMENT ARE TO BE FILLED WITH A NON-SHRINK, HIGH-STRENGTH, POURABLE GROUT.

**STRUCTURAL SHEET INDEX:**

- S0.1 TYPICAL STRUCTURAL NOTES  
S1.1 FOUNDATION PLAN, SCHEMATIC ROOF FRAMING PLAN & DETAILS

**DESIGN CRITERIA:**

- PROJECT ADDRESS: 4363 AND 4377 FIRST STREET PLEASANTON, CA 94566 2022 CALIFORNIA BUILDING CODE
- BUILDING CODE:
- GRAVITY LOADS:
 

BUILDING ROOF	ROOF LIVE LOAD = 20 PSF (REDUCIBLE)
	ROOF DEAD LOAD = 3 PSF
- LATERAL LOADS: RISK CATEGORY II
 

WIND LOADS (ASCE 7-16)	BASIC WIND SPEED EXPOSURE	92 MPH (71 MPH ASD) C
------------------------	---------------------------	-----------------------

STRUCTURE IS CONSIDERED 'OPEN' AND IS DESIGNED FOR WORST CASE 'CLEAR FLOW' AND 'OBSTRUCTED FLOW' IN EACH DIRECTION PRESSURE COEFFICIENTS

INTERNAL PRESSURE COEFFICIENT, G<sub>Cp</sub> = ± 0.18  
TOPOGRAPHIC FACTOR, K<sub>z</sub> = 1.00  
WIND DIRECTIONALITY FACTOR, K<sub>d</sub> = 0.85

VELOCITY PRESSURES  
q (0'-15') = 9.3 PSF (ASD)

**SEISMIC LOADS (ASCE 7-16)**

SITE CLASS	D
SEISMIC DESIGN CATEGORY	D
IMPORTANCE FACTOR	1.00
S <sub>s</sub>	= 1.864
F <sub>v</sub>	= 1.200
S <sub>ms</sub>	= 2.237
S <sub>m1</sub>	= 1.491
S <sub>s</sub>	= 0.686
F <sub>v</sub>	= 1.700
S <sub>m1</sub>	= 1.166
S <sub>m2</sub>	= 0.777

LATERAL SYSTEM: STEEL ORDINARY CANTILEVER COLUMN SYSTEM (ASCE 7-16 TABLE 12.2-1: G-2).

R	= 1.25	C <sub>s</sub>	= $\frac{S_{ms}}{(R/I)}$
Ω	= 1.25	F <sub>v</sub>	= 1.193
C <sub>e</sub>	= 1.25	V(ASD)	= ρ x C <sub>s</sub> / 1.4 x W
ρ	= 1.3		= 1.108 x W

LATERAL SYSTEM IRREGULARITIES: NONE

- SOILS CRITERIA:
 

GEOTECHNICAL AND GEOHAZARDS REPORT BY NOT PROVIDED. SOILS CRITERIA BASED OFF CODE MINIMUM PER 2022 CBC TABLE 1806.2

ALLOWABLE BEARING PRESSURE (D+L)	= 1,500 PSF (INCLUDING W OR E)
LATERAL BEARING/PASSIVE PRESSURE	= 100 PCF
VERTICAL FRICTION VALUE	= 250 PSF

**ABBREVIATIONS:**

@	AT
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ARCH	ARCHITECT/ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
B.O.	BOTTOM OF
CBC	CALIFORNIA BUILDING CODE
cc	CENTER TO CENTER
CONT	CONTINUOUS
Ø	DIAMETER
DWGS	DRAWINGS
F.O.	FACE OF
HD	HOLLOW
HSS	HOLLOW STRUCTURAL SECTION
L	STEEL ANGLE
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
#	NUMBER OR POUNDS
OH	OPPOSITE HAND
REBAR	REINFORCING BAR(S)
SEOR	STRUCTURAL ENGINEER OF RECORD
T & B	TOP AND BOTTOM
THRU	THROUGH
T.O.	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
w/	WITH

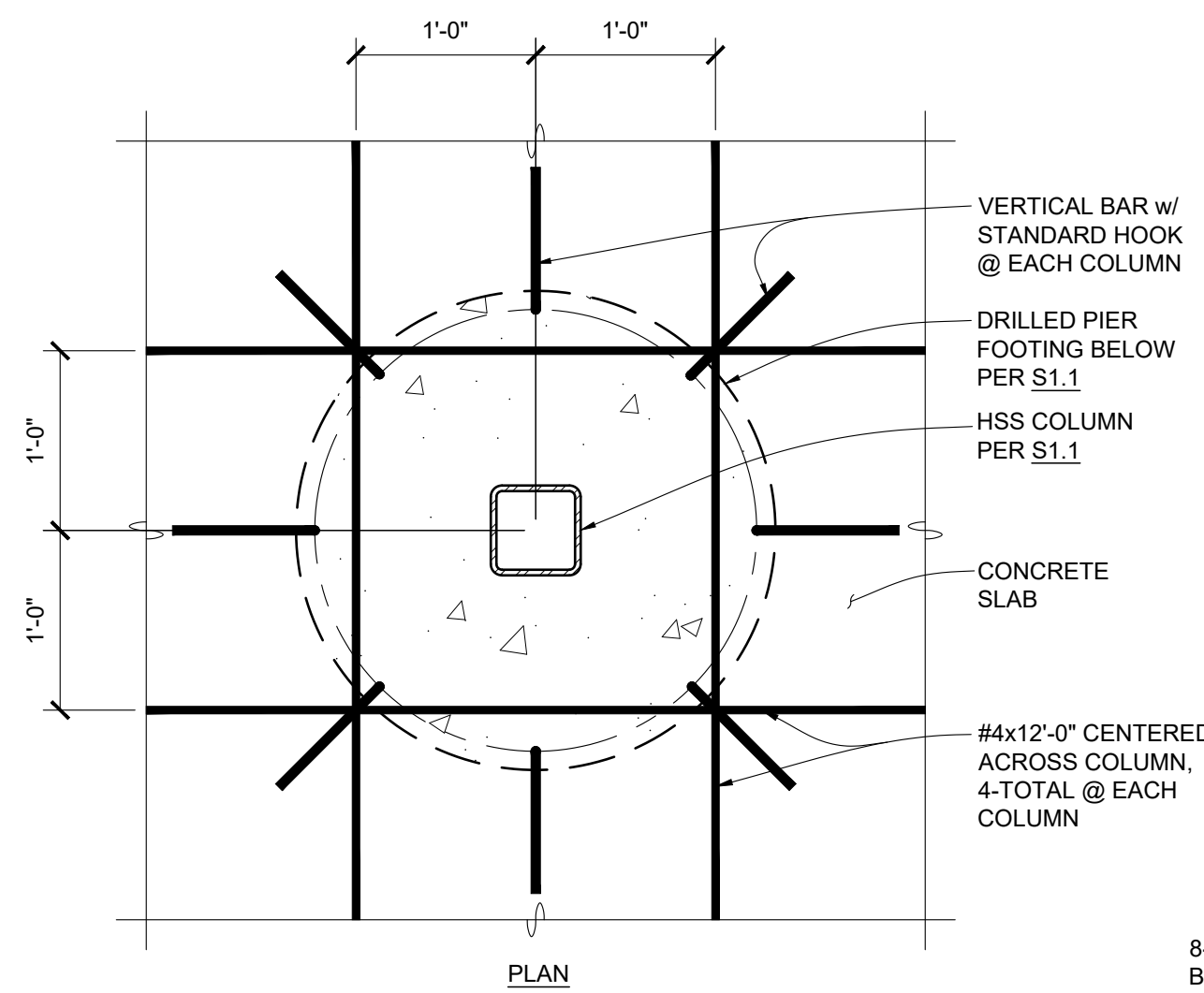


6/17/2024

BID SUBMITTAL

REV.	DATE	DESCRIPTION	<p><b>CITY OF PLEASANTON</b> Department of Public Works</p>	<p>ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25</p>	<p><b>LIONS WAYSIDE &amp; DELUCCHI PARK RENOVATION</b> (Project No. 06716) TYPICAL STRUCTURAL NOTES</p>	<p><b>RW CONSULTING Engineers Inc</b> 1450 HARBOR BLVD SUITE F WEST SACRAMENTO, CA 95691 916.229.8345</p>	DESIGN:	GR	SCALE:	AS SHOWN	DWG NO.	
	1/3/24	50 % Submittal					DRAWN:	GR	PROJECT NO.:	CIP-06716		S0.1
	5/7/24	90 % Submittal					CHECKED:	GR	DATE:	JUNE 18, 2024		40 OF 41
	6/18/24	Bid Submittal										

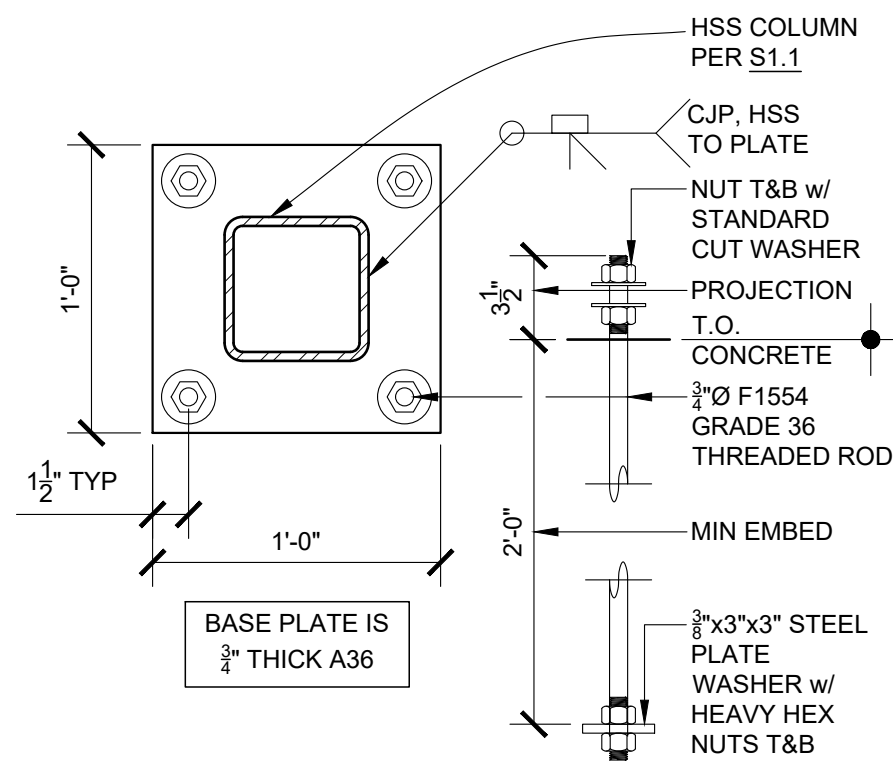




DETAIL

1" = 1'-0"

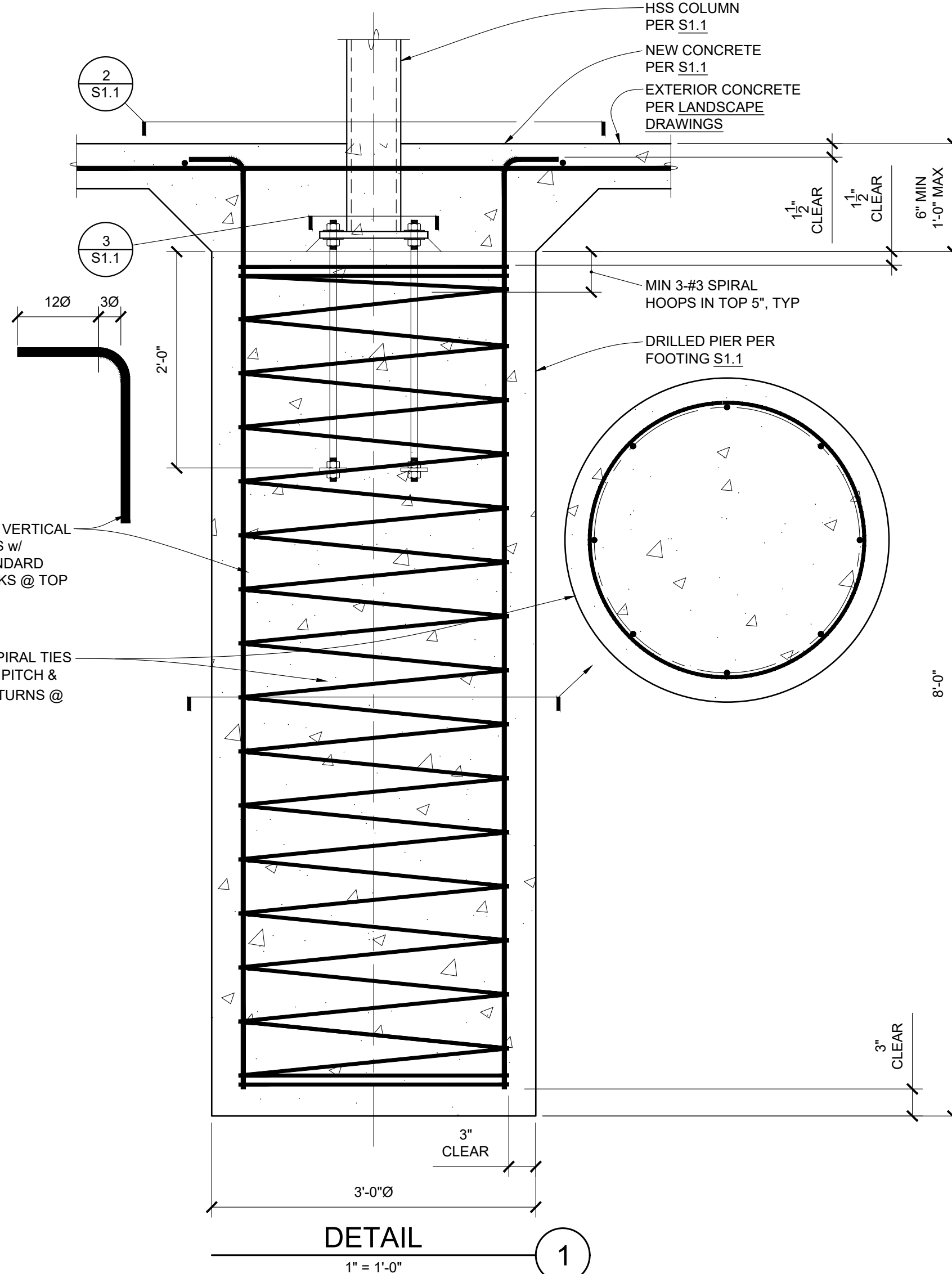
2



DETAIL

1 1/2" = 1'-0"

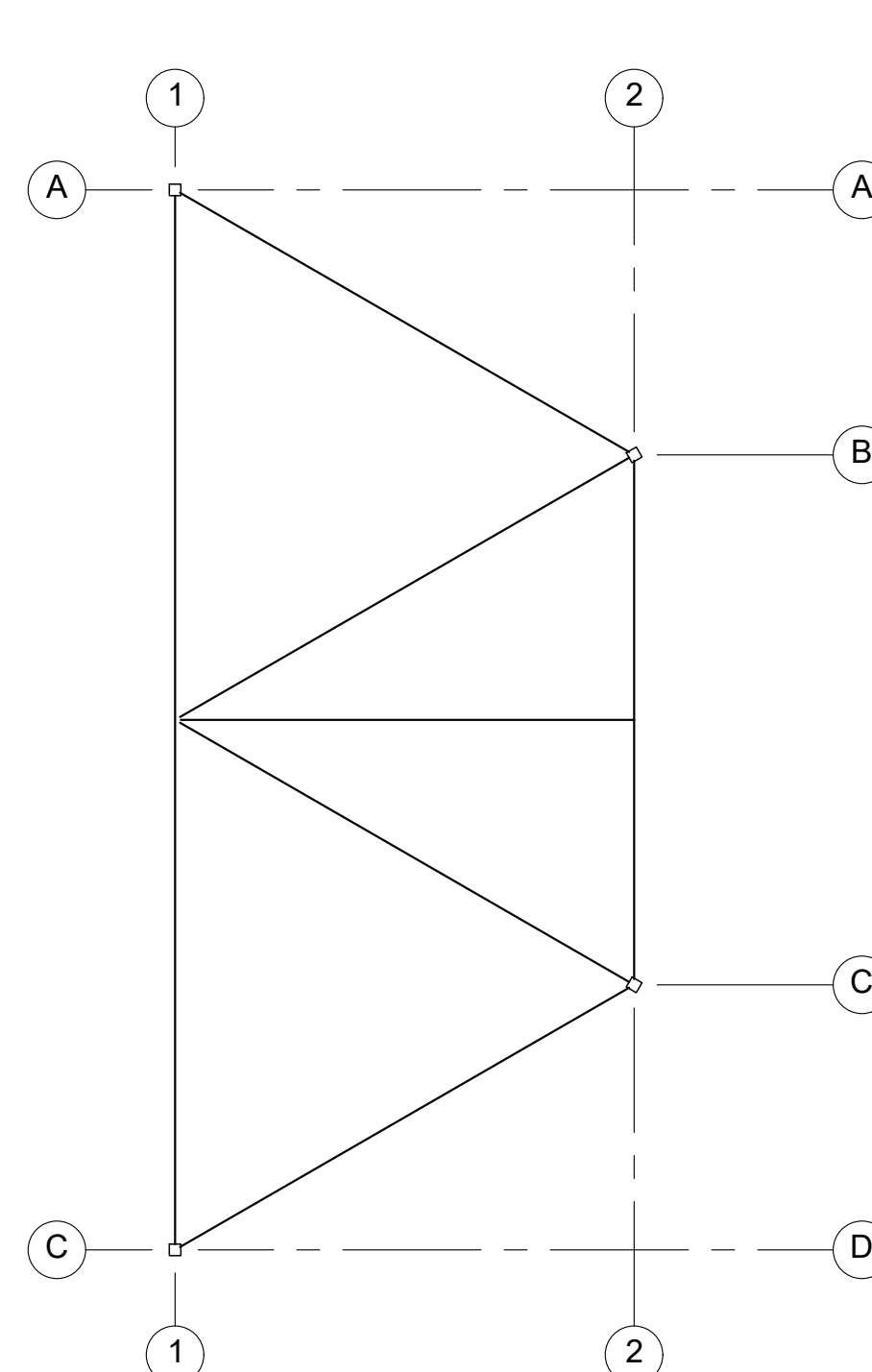
3



DETAIL

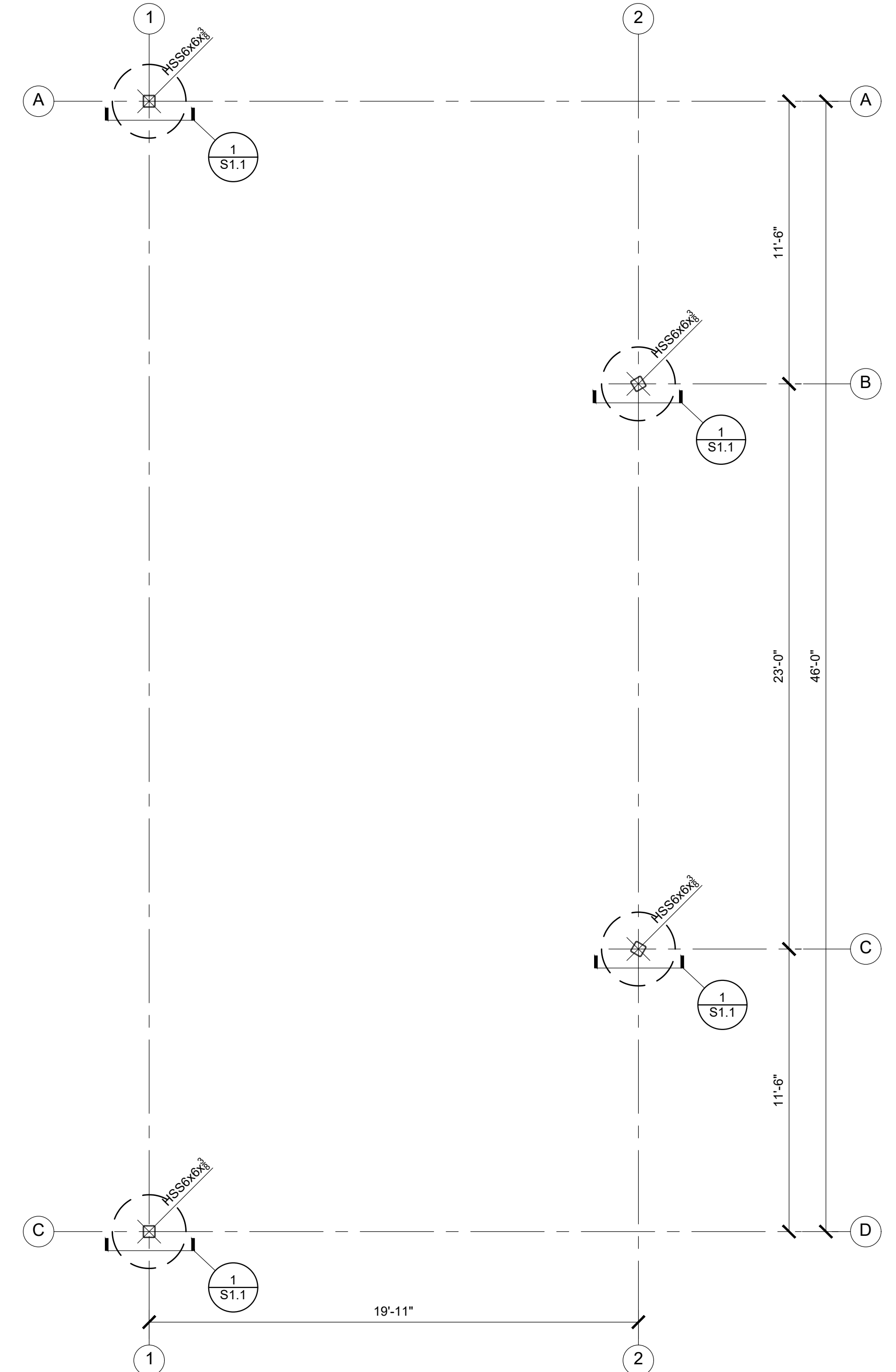
1" = 1'-0"

1



SCHMATIC ROOF FRAMING PLAN

1/8" = 1'-0"



FOUNDATION PLAN

1/4" = 1'-0"



FOUNDATION AND ROOF FRAMING PLAN LEGEND:

- STRUCTURAL COLUMN SIZE →
- DRILLED PIER FOOTING →
- OUTLINE OF ROOF EDGE →
- STEEL FRAMING MEMBER →

FOUNDATION AND ROOF FRAMING PLAN NOTES:

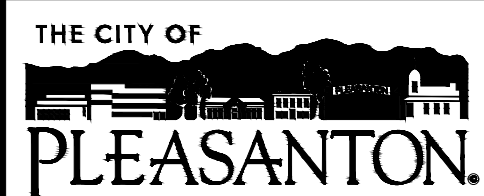
1. REFER TO CIVIL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. REFER TO SHEET S0\_1 FOR TYPICAL STRUCTURAL NOTES.
3. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & LANDSCAPE. ALL EXTERIOR CONCRETE WORK IS PER CIVIL / ARCHITECTURAL SITE PLAN.
4. GRID LINE DIMENSIONS ARE TO CENTERLINE OF COLUMNS AND PIER FOOTINGS.



6/17/2024

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REV.	DATE	DESCRIPTION
	1/3/24	50 % Submittal
	5/7/24	90 % Submittal
	6/18/24	Bid Submittal



CITY OF PLEASANTON  
Department of Public Works

ADAM M. NELKIE  
CITY ENGINEER  
NO. 78830  
EXP. 9/30/25

LIONS WAYSIDE & DELUCCHI PARK RENOVATION  
(Project No. 06716)  
FOUNDATION PLAN, SCHEMATIC ROOF FRAMING PLAN & DETAILS

RW CONSULTING  
Engineers Inc  
1450 HARBOR BLVD SUITE F  
WEST SACRAMENTO, CA 95691  
916.229.8345

DESIGN:	GR
DRAWN:	GR
CHECKED:	GR

SCALE:	AS SHOWN
PROJECT NO.:	CIP-06716
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DWG NO.	S1.1
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