



ARB No.: \_\_\_\_\_

CITY OF SANTA MONICA – CITY PLANNING DIVISION  
ARCHITECTURAL REVIEW BOARD APPLICATION

**Building Design, Colors, Materials, and Landscape Plans**

Applications must be submitted at the City Planning public counter, Room 111 at City Hall. City Hall is located at 1685 Main Street, Santa Monica, CA 90401. If your project requires ARB approval an appointment is required to submit this application. If you have any questions about completing this application or to schedule an appointment please call City Planning at (310) 458-8341.

**APPLICATION TYPE**

Building Design  
(see p. 3 & 4)

Landscape Plans  
(see p. 5)

\* Applications for new signage require a separate ARB Sign Application, which may be combined with this app.

**PROJECT ADDRESS:** \_\_\_\_\_

**DETAILED PROJECT DESCRIPTION**

\_\_\_\_\_  
\_\_\_\_\_

The project also includes new landscaping meeting the City of Santa Monica's landscaping requirements.

**APPLICANT** (Note: All correspondences will be sent to the contact person if different)

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**CONTACT PERSON** (if different from Applicant)

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Relation to Applicant: \_\_\_\_\_

**PROPERTY OWNER** (Not tenant or business owner)

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

I hereby certify that I am the owner of the subject property and that I have reviewed the subject application and authorize the applicant or applicant's representative (contact person) to make decisions that may affect my property as it pertains to this application.

\_\_\_\_\_  
Property Owner's Name (PRINT)

\_\_\_\_\_  
Property Owner's Signature / Date

**NOTE: A meeting with the City's Design and Historic Preservation Planner is strongly recommended prior to submittal.**

*This section to be completed by City staff*

Received By: \_\_\_\_\_ Is the Project Site Listed on the HRI?  Yes  No

Date Received: \_\_\_\_\_ Amount Paid: \_\_\_\_\_

GENERAL INFORMATION

**PROJECT INFORMATION**

**PREVIOUS OR RELATED PLANNING ENTITLEMENTS** *(List all applicable applications)*  
(AA, AD, ARB, CUP, DCP, DR, ENT, VAR, TM, UP, ZC, etc...)

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**Lot Size:** \_\_\_\_\_ **Floor Area Ratio:** \_\_\_\_\_

**Building Height:** \_\_\_\_\_ **No. of Stories:** \_\_\_\_\_

**Total Floor Area:** \_\_\_\_\_ square feet

**Commercial Floor Area:** \_\_\_\_\_ square feet

**Use:** \_\_\_\_\_ square feet

**Use:** \_\_\_\_\_ square feet

**Use:** \_\_\_\_\_ square feet

**Residential Floor Area:** \_\_\_\_\_ square feet

**No. of Residential Units:** \_\_\_\_\_

**Unit Mix:**

# Studio \_\_\_\_\_

# 1 bedroom \_\_\_\_\_

# 2 bedroom \_\_\_\_\_

# 3 bedroom \_\_\_\_\_

**Affordable Housing (Chapter 9.64):** N/A

Fee Option?

On-site

Off-site

**Affordable units:**

**If off-site, location of units:** \_\_\_\_\_

# Studio \_\_\_\_\_

# 1 bedroom \_\_\_\_\_

# 2 bedroom \_\_\_\_\_

# 3 bedroom \_\_\_\_\_

**Parking:**

**No. of vehicle spaces:** \_\_\_\_\_  Subterranean  Surface

**No. of bicycle spaces:** Long Term \_\_\_ Short Term \_\_\_

**NEIGHBORHOOD NOTIFICATION**

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## SUBMITTAL REQUIREMENTS – BOARD REVIEW

### Demolition Permit Acknowledgement (For Structures 40 Years or Older)

A demolition permit is required for demolition of any building or structure on the property (primary or accessory structure.) The Landmarks Commission must review demolition permit applications for structures that are 40 years or older. The Landmarks Commission may exercise its authority to nominate the property for Landmark Designation, and/or designate the property (structure and or parcel) as a Landmark, Landmark Parcel, or Structure of Merit in accordance with and based on findings established in Chapters 9.56 and 9.58 of the Santa Monica Municipal Code.

My property contains a structure (or structures) 40 years old or older and the proposed development of this property will require a demolition permit.

My application for a demolition permit has been reviewed by the Santa Monica Landmarks Commission and the 75-day review period has expired.

**COMPLETED APPLICATION AND PAYMENT OF FEE**

**SEVEN (7) COLLATED SETS OF APPLICATION MATERIALS** upon submission. **10 additional sets and digital file (entire submittal in .pdf file) are required 3 weeks prior to meeting date. EACH SET MUST INCLUDE THE FOLLOWING:**

- **Architectural Plans** (Plans shall be 11" x 17". **In addition, one (1) full size set of architectural plans is required measuring 24" x 36"-FOLD FULL SIZE DRAWINGS.** Scale should be 1/8 or 1/4 inch, unless otherwise approved by the Staff Liaison to the Board prior to submittal.)
  - **Neighborhood Figure/Ground Map** A plan or map of the project site entire block including properties directly across the street; Indicate all building footprints, property lines, streets, sidewalks, and zoning designations. Footprints and dimensions can be approximate (per Google maps for example).
  - **Aerial location map**
  - **Site Plan** (Show and label lot dimensions, the location of existing/proposed buildings, setback information, public right of ways, street trees, parking layout, trash location and screening, ck-valves and mechanical enclosures, perimeter fences/walls and the location and use of adjacent structures. Include other information as appropriate).
  - **Dimensioned Floor Plans**
  - **Roof Plan** (include equipment screen detail for all roof equipment, show equipment and solar panels)
  - **Elevations** (Complete elevation drawings of proposed building(s) and any existing buildings to remain onsite are required. **All exterior materials and colors must be identified and keyed on the elevation plan and matched to the material board.** Include information on façade finishes, windows and frames, trim, doors, railings, architectural elements, roofing material, mechanical screening, and trash enclosures, as applicable.)
  - **Section Drawings**
  - **Location and Screening of Mechanical Equipment**, (all exterior equipment, meters, backflow ck-valves, transformers, fire prevention, ducting, conduit or pipes).
  - **Details** (provide details of important architectural features including railing, balcony, overhang, soffit, details and any unique project features. Provide details where materials meet. Provide wall sections where necessary.)
- **Conceptual Lighting Plans** (Include specification sheets on proposed exterior lighting fixtures)
- **Rendered Elevation Drawings** (Include each elevation with color, shade and shadow)
- **3-Dimensional Renderings** (minimum 2 views to show all sides of the project.)
- **Labeled Color Photographs** (Show subject and adjacent properties including properties located across the alley and street.)
- **Landscape Plan** (See Page 5 of application).

**NOTE: A meeting with the City's Design and Historic Preservation Planner is strongly recommended prior to submittal.**

**SUBMITTAL REQUIREMENTS – BOARD REVIEW**

- PHOTO MONTAGE / PROJECT RENDERING** (For new development projects, provide a color photo montage including photos of all properties on both sides of the street within the subject city block, with a scaled simulated image of the proposed project inserted. Because the photo montage will assist decision makers in evaluating the project for neighborhood compatibility, it must be produced to scale. The maximum size of the montage should be 11" x 17". A minimum 8" x 11" rendering of the street front elevation in context with adjacent properties, showing building design, colors and materials and mature (2 year old) landscaping is also required for new development projects.)
- COLOR / MATERIAL BOARD** (a color copy of all materials, clearly labeled, must be included in the 11" x 17" submittal set. Actual material samples assembled on a board shall be required at the meeting. The applicant is responsible to bring the materials board to the meeting, or the project may be continued.)
- PUBLIC WORKS APPROVAL** (Stamped approval from the Public Works Department is required if any portion of the project extends over the right-of-way. Clearly label the plan set that has the PW approval.)
- ANTENNA AND ANTENNA EQUIPMENT SCREENING** (In addition to the required materials mentioned above, please provide **photo simulations from multiple angles** of the proposed antenna and antenna-related equipment and screening.)
- PROJECTS LOCATED IN THE OCEAN PARK DISTRICT\*** (Provide a brief description on a separate sheet of paper detailing the project's compliance with the Ocean Park Neighborhood Development Guide.)

*\*Projects located in the Ocean Park District will be evaluated for compliance with the Ocean Park Neighborhood Development Guide. The Guide sets forth specific information related to architectural styles, pedestrian-orientation, and building siting. The Guide is available for review and purchase at the City Planning Division Public Counter.*

**NOTE: A meeting with the City's Design and Historic Preservation Planner is strongly recommended prior to submittal.**

## SUPPLEMENTAL INFORMATION – BUILDING DESIGN REVIEW

### PROPOSED EXTERIOR COLORS AND MATERIALS

Complete the following table. Be as descriptive as possible and attach additional sheets if necessary. If an item is not applicable, write N/A, or No Change.

*This information will be forwarded to the ARB members in their packets. It must be thorough and legible.*

**BUILDING DESIGN REVIEW SUBMITTAL SUPPLEMENTAL INFORMATION**

	<b>Material</b> (Include <u>all</u> exterior building material)	<b>Texture / Finish</b> (Be specific)	<b>Color / Transparency</b> (Be specific)
<b>Façade</b> (each elevation)	1. 2. 3. 4. 5.	1. 2. 3. 4. 5.	1. 2. 3. 4. 5.
<b>Windows</b> (Include frame, trim & glass)	1. 2. 3.	1. 2. 3.	1. 2. 3.
<b>Doors</b> (Include frame, trim, glass & garage door)	1. 2. 3.	1. 2. 3.	1. 2. 3.
<b>Mechanical Screening / Enclosure</b>			
<b>Refuse Screening / Enclosure</b>			
<b>Roof Material</b>	1. 2.	1. 2.	1. 2.
<b>Balcony Guardrails</b>	1. 2.	1. 2.	1. 2.
<b>Conceptual Lighting Plan</b>	1. 2.	1. 2.	1. 2.
<b>Trellis / Awning / Canopy</b>	1. 2.	1. 2.	1. 2.
<b>Perimeter Walls and Fences</b>	1. 2.	1. 2.	1. 2.
<b>Other:</b>	1. 2.	1. 2.	1. 2.
<b>Building Design-Architectural Concept</b>	<i>Describe the formal architectural concept, focusing on the main form-generating ideas governing the project's design.</i>		

## SUBMITTAL REQUIREMENTS – LANDSCAPE PLAN REVIEW

- COMPLETED APPLICATION AND PAYMENT OF FEE
- THREE (3) COLLATED SETS OF APPLICATION MATERIALS, plus one full size set of landscape plans are required. (an additional 10 sets with digital file will be required 3 weeks prior to meeting date.) COLLATE WITH OTHER PLANS AS SETS (i.e. WITH ARCHITECTURAL, SIGN PLANS, PHOTOS, etc.). EACH SET MUST INCLUDE THE FOLLOWING:
  - **Landscape Plans** (Plans shall be one-half size, e.g. 11" x 17" **In addition, one (1) full size set of landscape plans is required.** Scale 1/4 or 1/8 inch, unless otherwise approved by the Staff Liaison to the Board prior to submittal.)
    - **Planting Plan** (Show location, size and label all plant species by common name. Indicate the quantity and size of all trees, shrubs and ground-cover. Clearly label all plant material, which will be removed as part of the project.)
    - **Demonstrate compliance with the City's Water-Efficient Landscape and Irrigation Standards** (The Water-Efficient scape and Irrigation Standards are found on [sustainablesm.com/landscape](http://sustainablesm.com/landscape))
    - **Labeled Color Photographs of all Proposed Plant Material**
    - **Irrigation Plans**
  - Landscape plans shall comply with SMMC Chapter 9.26 LANDSCAPING



SANTA MONICA CALIFORNIA

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

GENERAL NOTES

- 1. VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
2. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.
3. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
5. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
6. DETAILS MARKED 'TYPICAL' SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
7. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION.
8. ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED. REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONSTRUCTION TO EQUAL OR BETTER CONDITION.
9. WHERE NEW CONSTRUCTION ABUTS EXISTING FINISHED SURFACES, CONTRACTOR SHALL ALIGN NEW CONSTRUCTION SO THAT NEW FINISHES ARE FLUSH WITH EXISTING, MATCH EXISTING TEXTURES AND COLORS.
10. PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
11. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
12. A CLASS 3 CERTIFIED PROJECT INSPECTOR, EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT, SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, C.C.R..
13. ALL DIMENSIONS ARE TO GRID LINES, FACE OF CONCRETE, FACE OF CONCRETE MASONRY UNITS OR FACE OF STUDS, UNLESS NOTED OTHERWISE.
14. CONTRACTOR'S SAFETY BARRICADE (TEMPORARY FENCING) SHALL BE PROVIDED BY CONTRACTOR TO PROTECT STUDENTS, FACULTY, STAFF AND PUBLIC FROM CONSTRUCTION ACTIVITIES. CONTRACTOR'S SAFETY BARRICADE SHALL PROTECT AND SECURE CONSTRUCTION AREA. TEMPORARY FENCING SHALL ALSO BE PROVIDED BY CONTRACTOR TO PROTECT AND SECURE STORAGE YARDS. EXACT LOCATION OF CONTRACTOR'S SAFETY BARRICADE AND OTHER TEMPORARY FENCING SHALL BE APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
15. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS IS NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE D.S.A. FIELD ENGINEER IF DETAILS ARE NOT SHOWN OR DO NOT CONFORM TO THE APPROVED DRAWINGS.
16. ALL ITEMS INDICATED A 'N.I.C.' ARE NOT PART OF CITY SUBMITTAL.
17. ALL WORK SHALL CONFORM TO 2016 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS.
18. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
19. FIRE PROTECTION DURING CONSTRUCTION SHALL COMPLY WITH CFC, CHAPTER 33

2016 CALIFORNIA GREEN BUILDING STANDARDS CODE

5.407.1 WEATHER PROTECTION. PROVIDE A WEATHER-RESISTANT EXTERIOR WALL AND FOUNDATION ENVELOPE AS REQUIRED BY CALIFORNIA BUILDING CODE SECTION 1403.2 (WEATHER PROTECTION) AND CALIFORNIA ENERGY CODE SECTION 150, (MANDATORY FEATURES AND DEVICES), MANUFACTURER'S INSTALLATION INSTRUCTIONS, OR LOCAL ORDINANCE, WHICHEVER IS MORE STRINGENT.
5.407.2.2 ENTRIES AND OPENINGS. DESIGN EXTERIOR ENTRIES AND/OR OPENINGS SUBJECT TO FOOT TRAFFIC OR WIND-DRIVEN RAIN TO PREVENT WATER INTRUSION INTO BUILDINGS AS FOLLOWS:
5.407.2.2.1 EXTERIOR DOOR PROTECTION. PRIMARY EXTERIOR ENTRIES SHALL BE COVERED TO PREVENT WATER INTRUSION BY USING NONABSORBENT FLOOR AND WALL FINISHES WITHIN AT LEAST 2 FEET AROUND AND PERPENDICULAR TO SUCH OPENINGS PLUS AT LEAST ONE OF THE FOLLOWING:
1. AN INSTALLED AWNING AT LEAST 4 FEET IN DEPTH.
2. THE DOOR IS PROTECTED BY A ROOF OVERHANG AT LEAST 4 FEET IN DEPTH.
3. THE DOOR IS RECESSED AT LEAST 4 FEET.
4. OTHER METHODS WHICH PROVIDE EQUIVALENT PROTECTION.
5.408.1 CONSTRUCTION WASTE MANAGEMENT. RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 50 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH SECTION 5.408.1.1, 5.408.1.2 OR 5.408.1.3, OR MEET A LOCAL CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT ORDINANCE, WHICHEVER IS MORE STRINGENT.
5.408.1.1 CONSTRUCTION WASTE MANAGEMENT PLAN. WHERE A LOCAL JURISDICTION DOES NOT HAVE A CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT ORDINANCE THAT IS MORE STRINGENT, SUBMIT A CONSTRUCTION WASTE MANAGEMENT PLAN THAT:
1. IDENTIFIES THE CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE DIVERTED FROM DISPOSAL BY EFFICIENT USAGE, RECYCLING, REUSE ON THE PROJECT OR SALVAGE FOR FUTURE USE OR SALE.
2. DETERMINES IF CONSTRUCTION AND DEMOLITION WASTE MATERIALS WILL BE SORTED ON-SITE (SOURCE-SEPARATED) OR BULK MIXED (SINGLE STREAM).
3. IDENTIFIES DIVERSION FACILITIES WHERE CONSTRUCTION AND DEMOLITION WASTE MATERIAL COLLECTED WILL BE TAKEN.
4. SPECIFIES THAT THE AMOUNT OF CONSTRUCTION AND DEMOLITION WASTE MATERIALS DIVERTED SHALL BE CALCULATED BY WEIGHT OR VOLUME, BUT NOT BY BOTH.
5.408.1.2 WASTE MANAGEMENT COMPANY. UTILIZE A WASTE MANAGEMENT COMPANY THAT CAN PROVIDE VERIFIABLE DOCUMENTATION THAT THE PERCENTAGE OF CONSTRUCTION AND DEMOLITION WASTE MATERIAL DIVERTED FROM THE LANDFILL COMPLIES WITH THIS SECTION. NOTE: THE OWNER OR CONTRACTOR SHALL MAKE THE DETERMINATION OF THE CONSTRUCTION AND DEMOLITION WASTE MATERIAL WILL BE DIVERTED BY A WASTE MANAGEMENT COMPANY.
EXCEPTIONS TO SECTIONS 5.408.1.1 AND 5.408.1.2:
1. EXCAVATED SOIL AND LAND-CLEARING DEBRIS.
2. ALTERNATE WASTE REDUCTION METHODS DEVELOPED BY WORKING WITH LOCAL AGENCIES IF DIVERSION OR RECYCLE FACILITIES CAPABLE OF COMPLIANCE WITH THIS ITEM DO NOT EXIST.
3. DEMOLITION WASTE MEETING LOCAL ORDINANCE OR CALCULATED IN CONSIDERATION OF LOCAL RECYCLING FACILITIES AND MARKETS.
5.408.1.3 WASTE STREAM REDUCTION ALTERNATIVE. THE COMBINED WEIGHT OF NEW CONSTRUCTION DISPOSAL THAT DOES NOT EXCEED TWO POUNDS PER SQUARE FOOT OF BUILDING AREA MAY BE DEMAED TO MEET THE 50 PERCENT MINIMUM REQUIREMENT AS APPROVED BY THE ENFORCING AGENCY.
5.410.1 RECYCLING BY OCCUPANTS. PROVIDE READILY ACCESSIBLE AREAS THAT SERVE THE ENTIRE BUILDING AND ARE IDENTIFIED FOR THE DEPOSITING, STORAGE AND COLLECTION OF NONHAZARDOUS MATERIALS FOR RECYCLING, INCLUDING (AT A MINIMUM) PAPER, CORRUGATED CARDBOARD, GLASS, PLASTICS AND METALS OR MEET A LAWFULLY ENACTED LOCAL RECYCLING ORDINANCE, IF MORE RESTRICTIVE.

5.410.1.2 SAMPLE ORDINANCE. SPACE ALLOCATION FOR RECYCLING AREAS SHALL COMPLY WITH CHAPTER 18, PART 3, DIVISION 30 OF THE PUBLIC RESOURCES CODE. CHAPTER 18 IS KNOWN AS THE CALIFORNIA SOLID WASTE REUSE AND RECYCLING ACCESS ACT OF 1991 (ACT).
NOTE: A SAMPLE ORDINANCE FOR USE BY LOCAL AGENCIES MAY BE FOUND IN APPENDIX A OF THE DOCUMENT AT THE CALRECYCLE'S WEBSITE.
5.504.4 FINISH MATERIAL POLLUTANT CONTROL: FINISH MATERIALS SHALL COMPLY WITH SECTIONS 5.504.4.1 THROUGH 5.504.4.4.
5.504.4.1 ADHESIVES, SEALANTS, AND CAULKS. ADHESIVES, SEALANTS, AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS:
1. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS, AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE OR SCAQMD RULE 1168 VOC LIMITS, AS SHOWN IN TABLES 5.504.4.1 AND 5.504.4.2. SUCH PRODUCTS ALSO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (CHLOROFORM, ETHYLENE DICHLORIDE, METHYLENE CHLORIDE, PERCHLOROETHYLENE, AND TRICHLOROETHYLENE), EXCEPT FOR AEROSOL PRODUCTS AS SPECIFIED IN SUBSECTION 2, BELOW.
2. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN ONE POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507.
VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS
5.504.4.3 PAINTS AND COATINGS. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN TABLE 1 OF THE ARB ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, AS SHOWN IN TABLE 5.504.4.3, (UNLESS MORE STRINGENT LOCAL LIMITS APPLY. THE VOC CONTENT LIMIT FOR COATINGS THAT DO NOT MEET THE DEFINITIONS FOR THE SPECIALTY COATINGS CATEGORIES LISTED IN TABLE 5.504.4.3, SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLAT, NONFLAT, OR NONFLAT-HIGH GLOSS COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS 4.21, 4.36, AND 4.37 OF THE 2007 CALIFORNIA AIR RESOURCES BOARD, SUGGESTED CONTROL MEASURE, AND THE CORRESPONDING FLAT, NONFLAT, OR NONFLAT-HIGH GLOSS VOC LIMIT IN TABLE 5.504.4.3 SHALL APPLY.
5.504.4.3.1 AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET THE PVMIR LIMITS FOR ROG IN SECTION 94522(A)(3) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES, IN SECTIONS 94522(C)(2) AND (D)(2) OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94520, AND IN AREAS UNDER THE JURISDICTION OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT ADDITIONALLY COMPLY WITH THE PERCENT VOC BY WEIGHT OF PRODUCT LIMITS OF REGULATION 8 RULE 49.
5.504.4.5 COMPOSITE WOOD PRODUCTS. HARDWOOD PLYWOOD, PARTICLEBOARD, AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN ARB'S AIR TOXICS CONTROL MEASURE (ATCM) FOR COMPOSITE WOOD (17 CCR 93120 ET SEQ.). THOSE MATERIALS NOT EXEMPTED BY THE ATCM MUST MEET THE SPECIFIED EMISSION LIMITS AS SHOWN IN TABLE 5.504.4.5.
5.504.4.5. TABLE 5.504.4.5 - FORMALDEHYDE LIMITS
5.504.4.6 RESILIENT FLOORING SYSTEMS. FOR 80% OF FLOOR AREA RECEIVING RESILIENT FLOORING, INSTALLED RESILIENT FLOORING SHALL MEET AT LEAST ONE OF THE FOLLOWING:
1. CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOORSCORE PROGRAM;
2. COMPLIANT WITH THE VOC-EMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH 2010 STANDARD METHOD FOR THE TESTING AND EVALUATION CHAMBERS, VERSION 1.1, FEBRUARY 2010;
3. COMPLIANT WITH THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS CALIFORNIA (CA-CHPS) CRITERIA INTERPRETATION FOR EQ 7.0 AND EQ 7.1 (FORMERLY EQ 2.2) DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE; OR
4. PRODUCTS CERTIFIED UNDER THE UL GREENGUARD GOLD (FORMERLY THE GREENGUARD CHILDREN & SCHOOLS PROGRAM).
INDOOR MOISTURE CONTROL
5.505.1 INDOOR MOISTURE CONTROL. BUILDINGS SHALL MEET OR EXCEED THE PROVISIONS OF CALIFORNIA BUILDING CODE, CCR, TITLE 24 PART 2, SECTIONS 1203 (VENTILATION) AND CHAPTER 14 (EXTERIOR WALLS), FOR ADDITIONAL MEASURES NOT APPLICABLE TO LOW-RISE RESIDENTIAL OCCUPANCIES, SEE SECTION 5.407.2 OF THIS CODE.

CODES

- 2016 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1 TITLE 24 C.C.R.
- 2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2015 IAPMO UNIFORM MECHANICAL CODE (UMC) AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2015 IAPMO UNIFORM PLUMBING CODE (UPC) AND 2016 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24
- 2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2012S INTERNATIONAL FIRE CODE AND 2015 CALIFORNIA AMENDMENTS)
- 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGreen), PART 11, TITLE 24 C.C.R.
- 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- AMERICANS WITH DISABILITIES ACT (ADA)
APPLICABLE STANDARDS:
-NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2016 EDITION
-NFPA 14 STANDPIPE SYSTEMS (CA AMENDED) 2013 EDITION
-NFPA 17A WET CHEMICAL SYSTEMS 2013 EDITION
-NFPA 20 STATIONARY PUMPS 2016 EDITION
-NFPA 24 PRIVATE FIRE MAINS (CA AMENDED) 2016 EDITION
-NFPA 72 NATIONAL FIRE ALARM CODE (CA AMENDED) 2016 EDITION
-NFPA 80 FIRE DOOR AND OTHER OPENING PROTECTIVES 2016 EDITION
-NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2015 EDITION
-NFPA 820 FIRE PROTECTION IN WATER TREATMENT & COLLECTION PLANTS 2016 EDITION
-UL 464 AUDIBLE SIGNALING DEVICES FOR FIRE ALARM SYSTEMS 2003 EDITION
-UL 521 HEAT DETECTORS FOR FIRE PROTECTIVE SIGNAL SYSTEMS 1999 EDITION
-UL 1971 SIGNALING DEVICES FOR THE HEARING IMPAIRED 2002 EDITION
FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2016 CBC (SFM) CHAPTER 35 AND CA FIRE CODE CHAPTER 80.
SEE CBC CHAPTER 35 FOR THE STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS

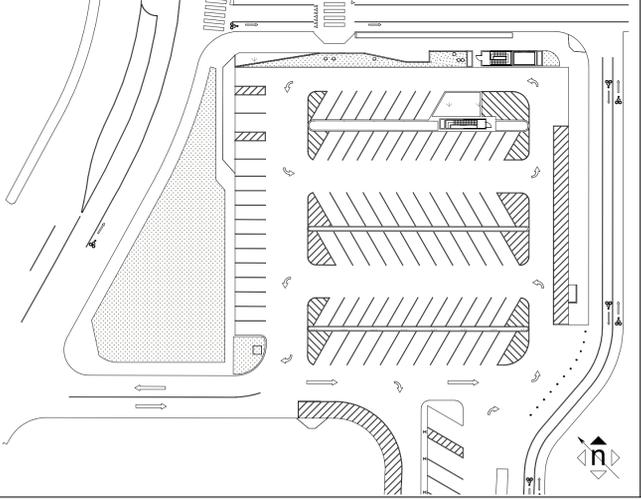
PROJECT DIRECTORY

PERC Water Corporation
959 SOUTH COAST DRIVE, SUITE 315
COSTA MESA, CALIFORNIA 92626
714.352.7754
SAMUEL KRAMER
ARCHITECT
SQUARE [ 1 ] Design Group
10451 SAMOA DRIVE
HUNTINGTON BEACH, CA 92646
562.900.5862
KHANH DOAN

SHEET INDEX

- TOTAL NUMBER OF SHEETS 8
A40-00 COVER SHEET
A40-01 PARKING LEVEL PLAN
A40-02 EXIT ANALYSIS
A40-03 SUB-LEVEL 1 - FLOOR PLAN
A40-04 REFLECTED CEILING PLAN
A40-05 BUILDING SECTIONS
A40-06 ENLARGED PLANS - ELEVATIONS
A40-07 STAIRWELL ELEVATIONS

KEY MAP



ABBREVIATIONS

Table with multiple columns listing abbreviations and their corresponding full names, such as Ø DIAMETER OR ROUND PLUS/MINUS, BTWN BETWEEN, DIM DIMENSION, FE FIRE EXTINGUISHER, etc.

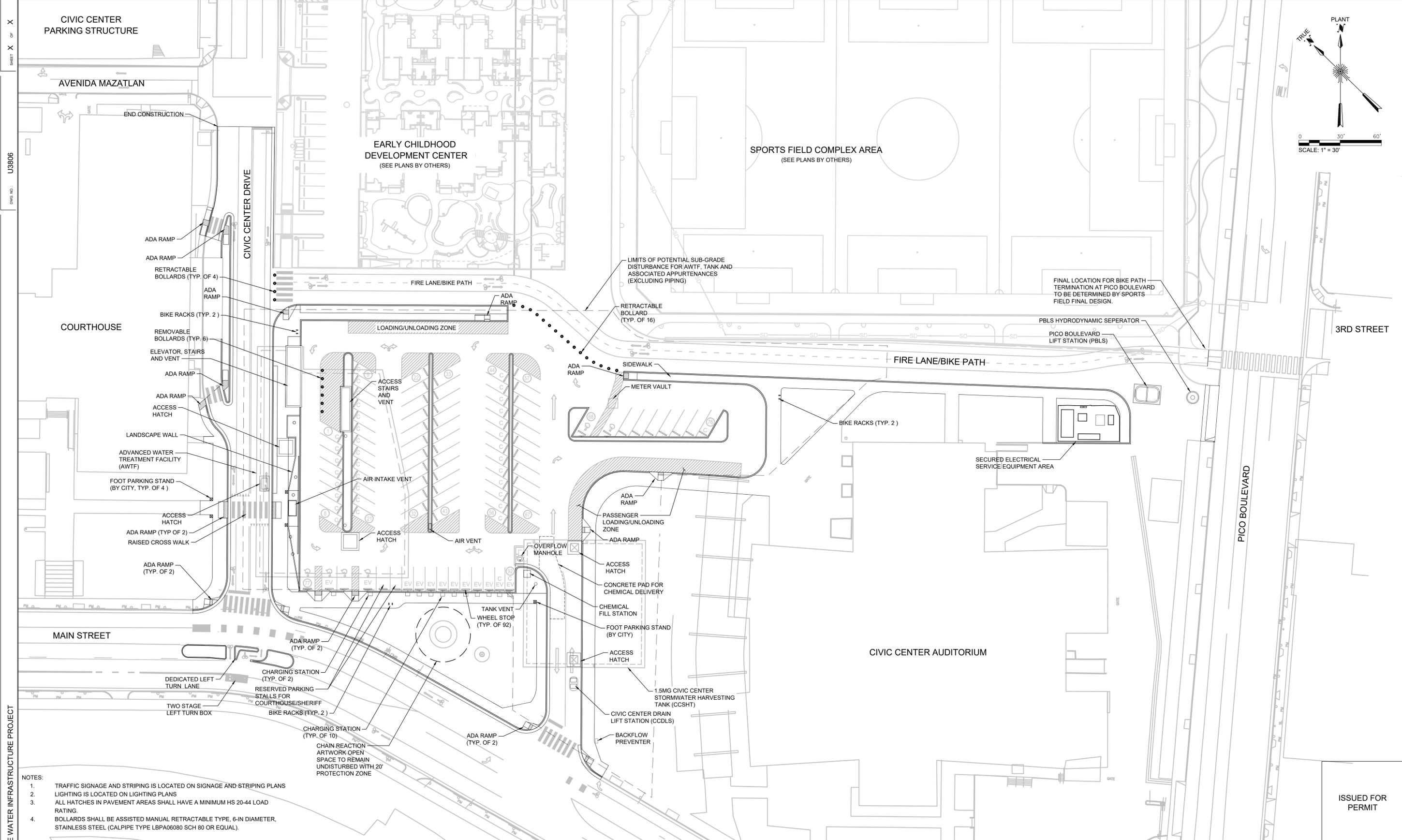
City of Santa Monica PUBLIC WORKS DEPARTMENT
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401
TEL. (310) 458-8721 FAX. (310) 393-4425

Kiewit SQUARE 11 GROUP
CONSULTANT CITY CLIENTS CIVIL ENGINEERING DIVISION

REVIEWED BY: DATE: 20
COMPUTER FILE NAME:
SUBMITTED BY: SP-FILE NO: 2456
APPROVED BY: RICK VALTE, P.E. - CITY ENGINEER DATE: 20

SUSTAINABLE WATER INFRASTRUCTURE PROJECT
CIVIC CENTER COVER SHEET
PROJECT AND SHEET TITLE

ISSUED FOR PERMIT
DESIGNED BY:
DRAWN BY:
AUTHOR:
CHECKED BY:
CONSULTANT JOB SHEET NO: A40-00
DRAWING NO: U3306
SHT OF SHETS



- NOTES:
1. TRAFFIC SIGNAGE AND STRIPING IS LOCATED ON SIGNAGE AND STRIPING PLANS
  2. LIGHTING IS LOCATED ON LIGHTING PLANS
  3. ALL HATCHES IN PAVEMENT AREAS SHALL HAVE A MINIMUM HS 20-44 LOAD RATING.
  4. BOLLARDS SHALL BE ASSISTED MANUAL RETRACTABLE TYPE, 6-IN DIAMETER, STAINLESS STEEL (CALPIPE TYPE LBPA06080 SCH 80 OR EQUAL).

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

City of **Santa Monica**  
**PUBLIC WORKS DEPARTMENT**  
 1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
 TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED
0	4/6/2020	AUS	ISSUED FOR PERMIT	

**Kiewit**  
**ARCADIS**  
 LEGAL ENTITY:  
 ARCADIS U.S., INC.  
 CONSULTANT

REVIEWED BY:	DATE: _____ 20__	REFERENCE:	DATE: _____ 20__	COMPUTER FILE NAME:
REVIEWED BY:	DATE: _____ 20__	SUBMITTED BY:	SELIM EREN, P.E.	G00-08 1
REVIEWED BY:	DATE: _____ 20__	APPROVED BY:	RICK VALTE, P.E. - CITY ENGINEER	SP-FILE NO.: 2456

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER ABOVE GRADE GENERAL ARRANGEMENT**

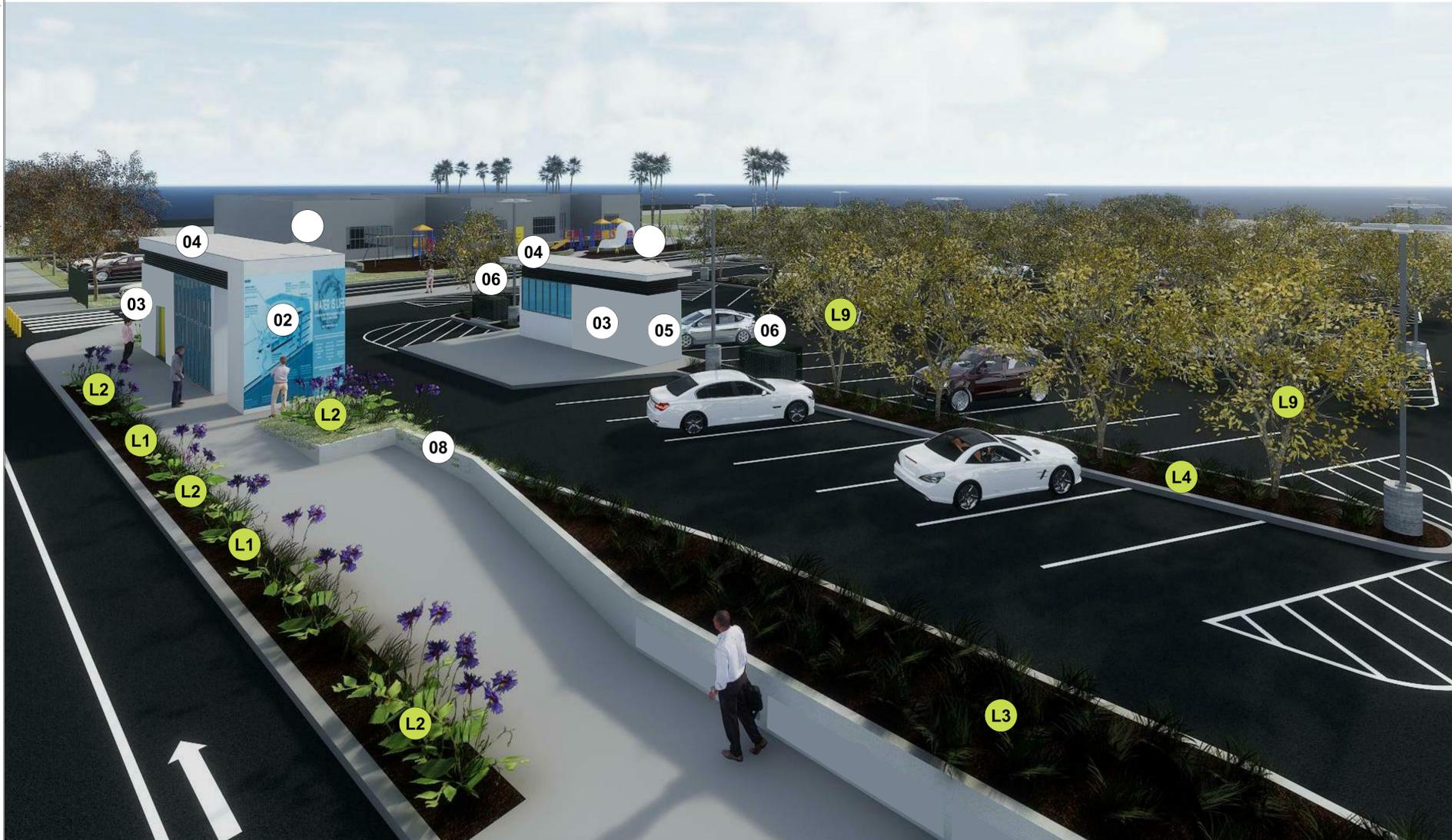
PROJECT AND SHEET TITLE

ISSUED FOR PERMIT

DESIGNED BY: J. PRIOR  
 DRAWN BY: K. COBABE  
 CHECKED BY: C. ZORN  
 CONSULTANT JOB SHEET NO: G00-08  
 DRAWING NO: U3806  
 SHEET X OF X SHEETS

P:\C\USER\CZORN\ARCADIS\SANTA MONICA SWIP CIVIL - GENERAL\U3806\DWG\GENERAL\G00-08 1.DWG Scale: 1:1 SavedDate: 4/6/2020 Time: 18:01 Plot Date: Zorn, Corey, 4/6/2020, 18:03 Layout: LAYOUT1





KEYNOTES

- 02** 9' - 8" WIDE X 15' - 6" HIGH MURAL - ARTWORK TO BE PREPARED BY CITY IN FUTURE
- 03** STEEL TROWEL FINISH STUCCO - ARTWORK TO BE PREPARED BY CITY IN FUTURE
- 04** FLAT FLASHING AT ROOF
- 05** GRAPHIC MURAL - ARTWORK TO BE PREPARED BY CITY IN FUTURE
- 06** FLOOR MOUNTED CONDENSING UNIT WITH LOCKABLE STEEL CAGE
- 08** SLOPING PLANTER WALL
- 09** EXHAUST VENTS
- L1** SEE LANDSCAPE KEYNOTES ON SHEET A40-22

100% SUBMITTAL  
DO NOT USE FOR  
CONSTRUCTION

**City of Santa Monica**  
PUBLIC WORKS DEPARTMENT  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
**perewater**  
Pure Genius  
SQUARE 11  
ARCHITECT | INTERIOR | PLANNING | DESIGN | PROJECT MANAGER

REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

CITY CLIENTS

REFERENCE:

DATE: \_\_\_\_\_ 20\_\_ COMPUTER FILE NAME: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_ SP-FILE NO: \_\_\_\_\_

SELIM EREN, P.E. 2456

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

RICK VALTE, P.E. - CITY ENGINEER

CIVIL ENGINEERING DIVISION

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER  
OVERALL KEY PLAN**

PROJECT AND SHEET TITLE

DESIGNED BY: Designer

DRAWN BY: Author

CHECKED BY: Checker

CONSULTANT JOB SHEET NO. A40-21

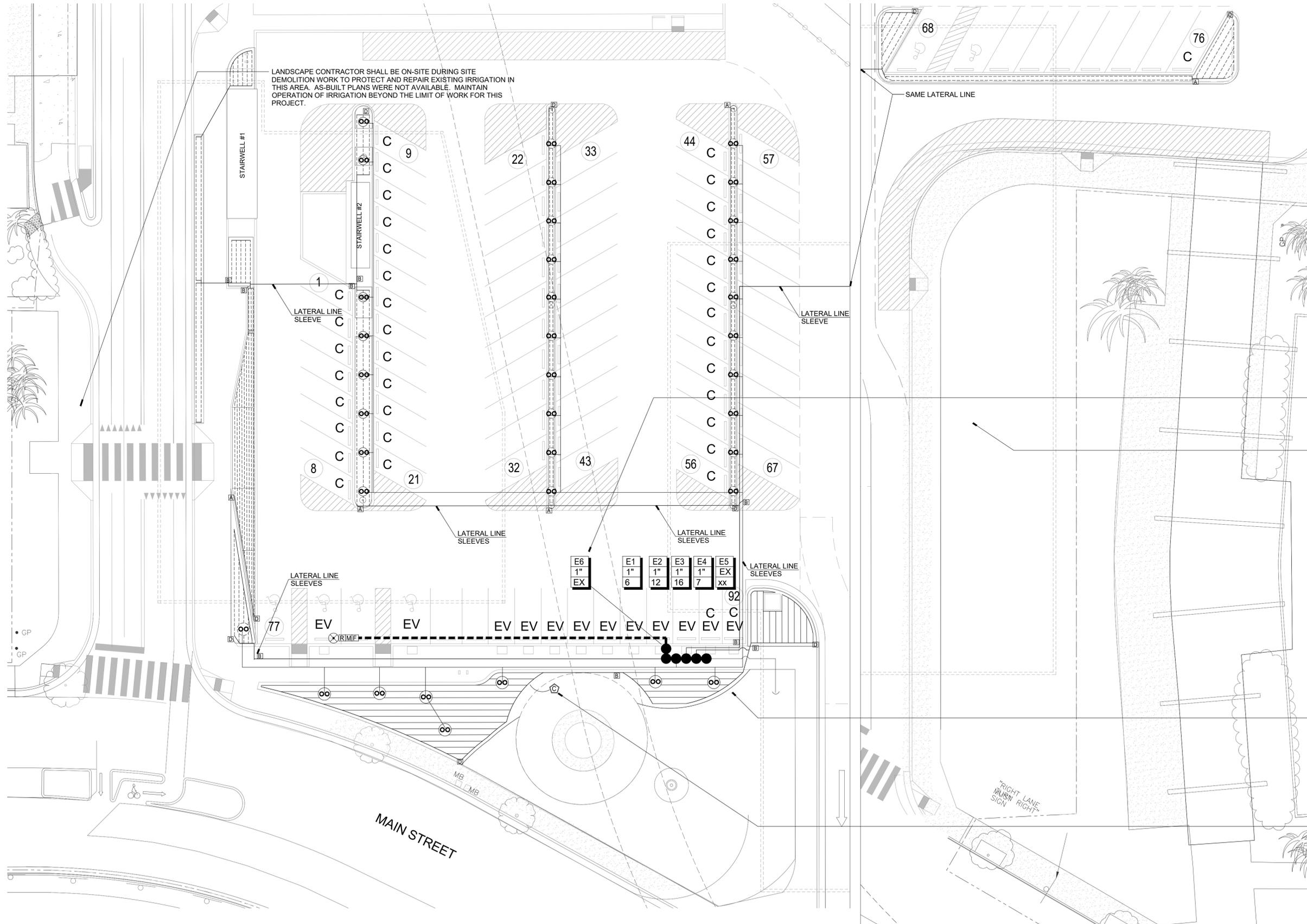
DRAWING NO. U3306

SHT OF SHES





**MWEO STATEMENT OF COMPLIANCE**  
 "I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN".  
 CRAIG T. DUNCAN LANDSCAPE ARCHITECT  
 SILVER BAR STUDIO  
 CA 2903



LANDSCAPE CONTRACTOR SHALL BE ON-SITE DURING SITE DEMOLITION WORK TO PROTECT AND REPAIR EXISTING IRRIGATION IN THIS AREA. AS-BUILT PLANS WERE NOT AVAILABLE. MAINTAIN OPERATION OF IRRIGATION BEYOND THE LIMIT OF WORK FOR THIS PROJECT.

STATION "E6" SHALL CONNECT TO THE EXISTING DRIP IRRIGATION SYSTEM. VERIFY LOCATION OF EXISTING DRIP ZONE PRIOR TO ANY IRRIGATION INSTALLATION. REMOTE CONTROL VALVE CAN BE LOCATION IN BEST AVAILABLE LOCATION BASED ON FIELD CONDITIONS.

REMOVE AND REPLACE EXISTING IRRIGATION IN THIS LAWN AREA WITH NEW EQUIPMENT AS NECESSARY. MATCH EXISTING SPRINKLER TYPE AND NOZZLE. MAINTAIN OPTIMUM COVERAGE

REMOVE AND RELOCATE EXISTING REMOTE CONTROL VALVES IN EXISTING GRASS/NEW PAVING AREAS. MAINTAIN OPERATION OF IRRIGATION SYSTEM COVERING LAWN AREAS TO REMAIN. CAP EXISTING LATERAL LINES AND PROTECT EXISTING SPRINKLERS WHERE NECESSARY AND ABANDONED EXISTING SPRINKLERS BEYOND MODIFIED LAWN AREA. ADD MATCHING SPRINKLER TYPE (SPRAYS/NOZZLES, DRIPLINE, ETC) IN MODIFIED LAWN AREA WHERE NECESSARY TO MAINTAIN 100% HEAD TO HEAD COVERAGE.

REUSE OF EXISTING REMOTE CONTROL VALVE CONTROL WIRES IS ACCEPTABLE. CONNECT RE-USABLE CONTROL WIRES TO NEW REMOTE CONTROL VALVES WHERE FEASIBLE.

CONTROLLER NOTE  
 FURNISH AND INSTALL CALSENSE CS3000 CONTROLLER IN STRONGBOX SB16-SS, OR CITY-APPROVED EQUAL CONTROLLER CABINET AT LOCATION NOTED. COORDINATE ELECTRICAL SERVICE TO THIS LOCATION. INSTALL CONTROLLER AND CABINET PER MANUFACTURER'S DETAILS AND SPECIFICATIONS.



60% SUBMITTAL DO NOT USE FOR CONSTRUCTION

SWIP\_A17\_190213\_detached.rvt

**City of Santa Monica**  
**Department of Public Works**  
 1437 Fourth Street Suite 300, Santa Monica, CA 90401  
 TEL. (310) 458-8721 FAX. (310) 393-4425  
 e-mail: sm.engineering@smgov.net

NO.	DATE	BY	DESCRIPTION	APPROVED
REVISIONS				

**silver bar studio**  
 landscape architecture  
 environmental design  
 mariposa, ca.

REVIEWED: <b>SAM REIFSNYDER ARCHITECT</b>	DATE: 2018
REVIEWED: _____	DATE: 2018
REVIEWED: _____	DATE: 2018

REFERENCE:	DATE: 2018	COMPUTER FILE NAME:
SUBMITTED BY:		SP-FILE NO.:
<b>CURTIS CASTLE, P.E.</b> PRINCIPAL CIVIL ENGINEER		SP-FILE NO.:
APPROVED BY:	DATE: 2018	
<b>RICK VALTE, P.E., CIVIL ENGINEER</b>		

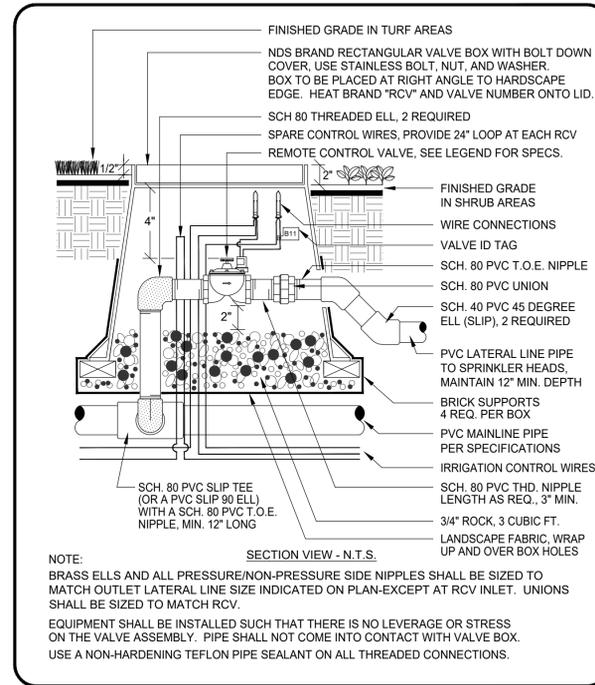
SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
 60% LANDSCAPE CONSTRUCTION PLANS

**IRRIGATION PLAN**

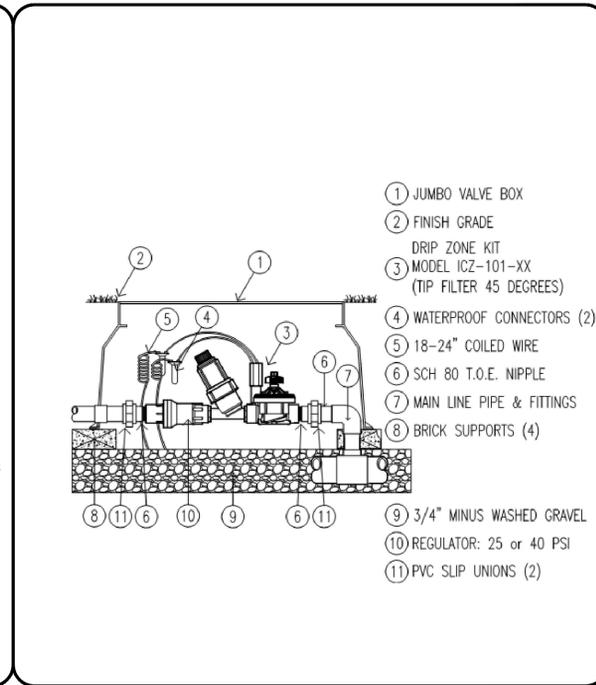
02/18/2020

**L101**

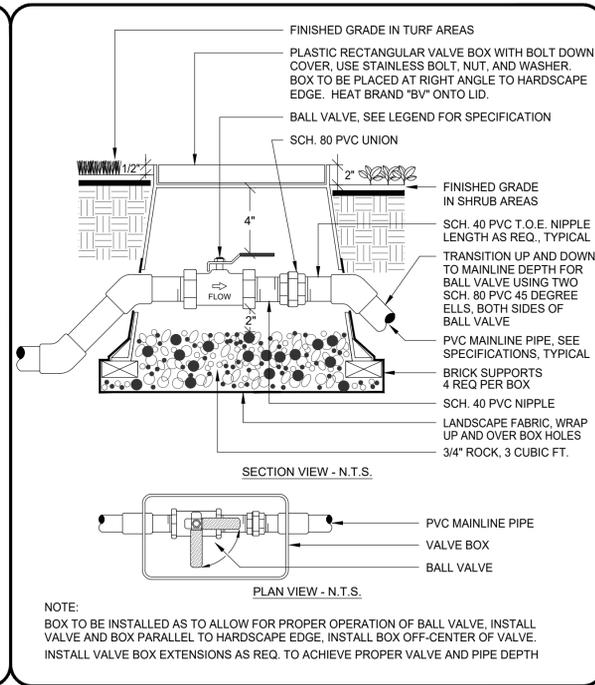
SHT OF SHTS



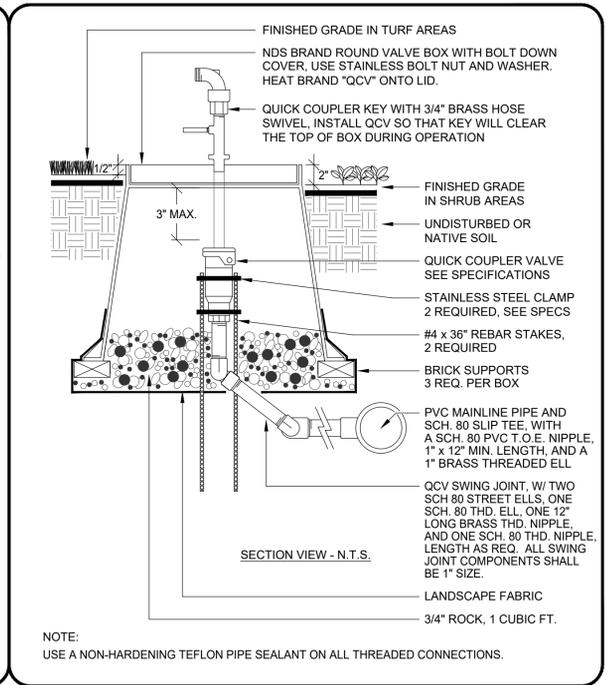
REMOTE CONTROL VALVE



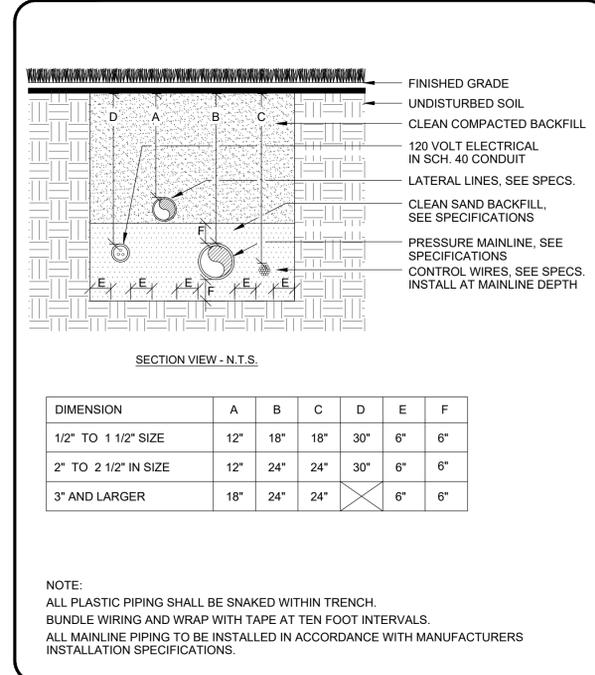
DRIP CONTROL ZONE VALVE



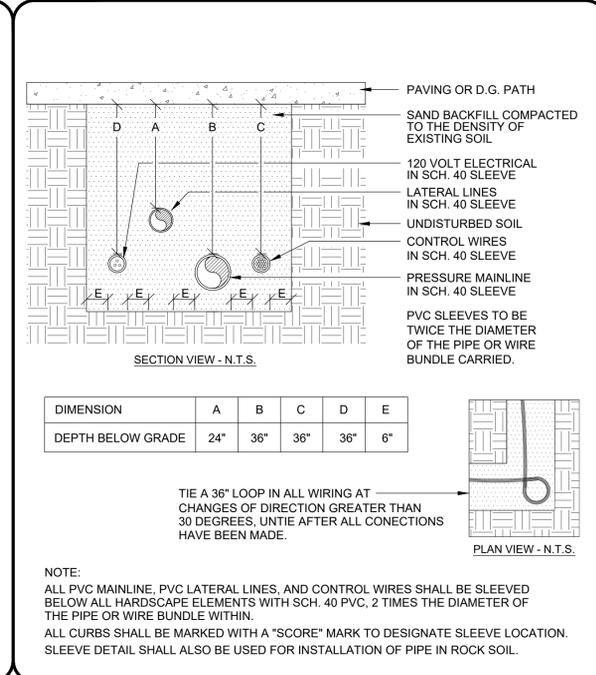
BALL VALVE - 2" AND SMALLER



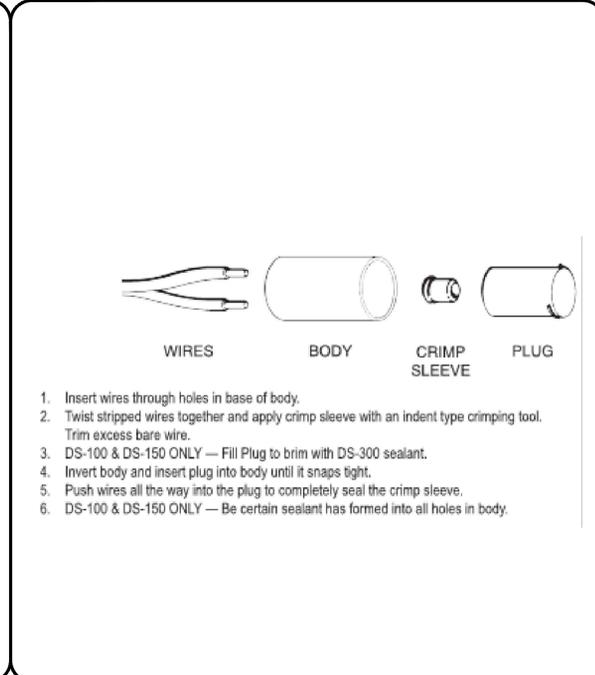
QUICK COUPLER VALVE IN VALVE BOX



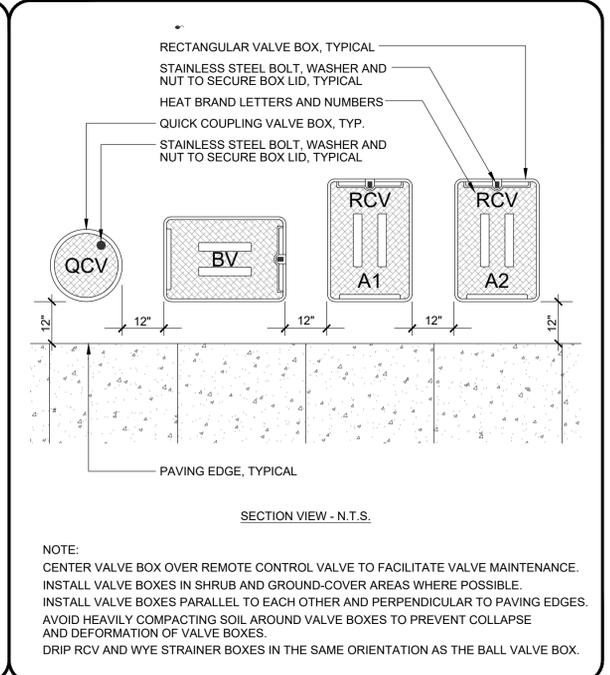
PIPE AND WIRE TRENCHING



SLEEVE TRENCHING



SPEARS DRY-SPLICE WIRE CONNECTOR



VALVE BOX PLACEMENT

MWELI STATEMENT OF COMPLIANCE  
"I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN."  
CRAIG T. DUNCAN LANDSCAPE ARCHITECT  
SILVER BAR STUDIO  
CA 2903

City of Santa Monica  
Department of Public Works  
1437 Fourth Street Suite 300, Santa Monica, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425  
e-mail: sm.engineering@smgov.net

NO.	DATE	BY	DESCRIPTION	APPROVED

silver bar studio  
LANDSCAPE ARCHITECTURE  
2903  
MARIPOSA, CA

REVIEWED: _____ DATE: _____ 2018	REFERENCE: _____
SAN REIFSNYDER ARCHITECT	DATE: 2018
REVIEWED: _____ DATE: _____ 2018	COMPUTER FILE NAME: _____
REVIEWED: _____ DATE: _____ 2018	SP-FILE NO.: _____
APPROVED: _____ DATE: _____ 2018	APPROVED BY: _____ DATE: _____ 2018
RICK VALTE, P.E., CIVIL ENGINEER	RICK VALTE, P.E., CIVIL ENGINEER

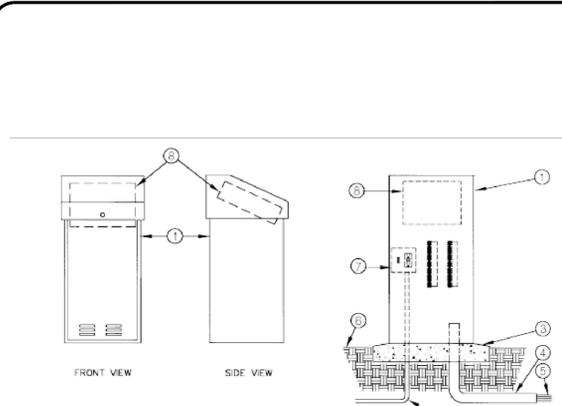
0 8 16 32

SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
60% LANDSCAPE CONSTRUCTION PLANS

IRRIGATION DETAILS

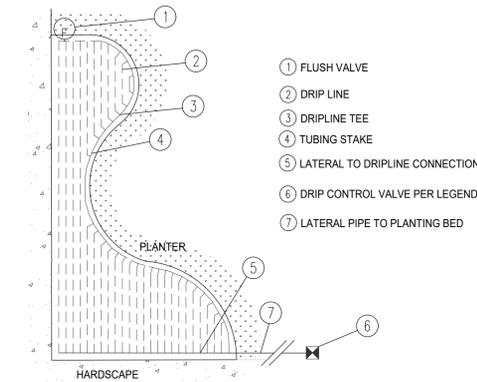
DESIGNED BY: cti  
DRAWN BY: cti  
CHECKED BY: square1  
CONSULTANT JOB / SHEET NO.  
DRAWING NO. L102  
SHT OF SHTS

60% SUBMITTAL DO NOT USE FOR CONSTRUCTION



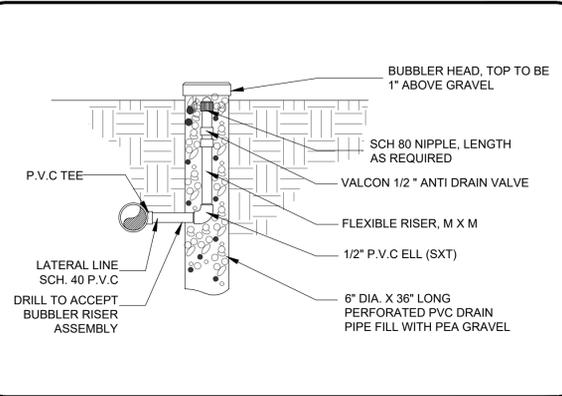
1. Controller enclosure
2. 120 volt service in conduit
3. Poured concrete base—6" min. thickness—extend concrete 6" beyond outside dimensions of enclosure with 1/2% slope for drainage
4. PVC long sweep ell—size as required
5. Direct burial control wires to control valves
6. Finish grade
7. Controller sub-assembly (CSA) includes GFI & terminal strips with placards
8. Automatic controller

CONTROLLER/PEDESTAL INSTALLATION



- NOTES:
1. EMITTER FLOW AND SPACING IS BASED ON PLANT AND SOIL TYPE. ENSURE THAT ALL PLANTS RECEIVE MOISTURE FROM CLOSEST EMITTERS.
  2. ROW SPACING OF DRIPLINE BASED ON PLANT SPACING. REFER TO PLANS FOR ACCURATE PLANT SPACING.
  3. STAKE TUBING DOWN EVERY 5' AND WITHIN 1' OF ALL FITTING OUTLETS
  4. DO NOT EXCEED VELOCITY OF 5-FPS WITHIN TUBING. USE STANDARD LATERAL PIPE TO CREATE SUPPLY HEADER FOR THE DRIP AREA, AS PER LEGEND.
  5. INSTALL FLUSH VALVE AT POINT FURTHEST FROM SUPPLY POINT.
  6. THOROUGHLY FLUSH LATERAL AND DRIPLINE PRIOR TO FINAL CONNECTIONS
  7. TEST DRIP LINE FOR PROPER OPERATION PRIOR TO COVERING.

DRIPLINE INSTALLATION



TREE BUBBLER WITH GRATE

IRRIGATION LEGEND

SYM	MANUFACTURER/DESCRIPTION	GPM	PSI	RAD	PR	TYPE
OO	NETAFIM TLHCVXR5-24-XX ONE RING - DIAMETER @ 24"	0.09-GPM	30	---	---	BUBBLER
---	NETAFIM TLHCVXR5-24-XX SPACE PER NOTES ON PLAN	0.53 GPH	15-50	---	---	DRIPLINE
---	DASHED LINE = DRIPLINE					
---	SOLID LINE = SCH 40 HEADER					
Ⓜ	RAINBIRD ESP4ME3-WIFI WITH ONE ESPM3 MODULE AND ONE ESPM6 MODULE. INSTALL PER MANUFACTURER DETAIL FOR EXTERIOR INSTALLATION. COORDINATE ELECTRICAL SERVICE WITH BUILDING ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION. INSTALL CONTROL WIRES IN CONDUIT.					
---	CONTROL WIRE SLEEVE					
---	SCH 40 3/4" PVC LATERAL PIPE					
1"	SCH 40 1" PVC LATERAL PIPE					
1.25"	SCH 40 1-1/4" PVC LATERAL PIPE					
---	2" SCH 40 PVC MAINLINE					
---	CLASS 200 PIPE SLEEVE-2x PIPE DIAMETER					
Ⓜ	SUPERIOR 950-100-PRS REMOTE CONTROL VALVE					
●	HUNTER ICZ-101-40 ZONE CONTROL VALVE					
⊗	NIBCO T-580-70 BRASS BALL VALVE					
●	RAINBIRD 33-RC QUICK COUPLING VALVE					
Ⓜ	HUNTER IBF-100 NC MASTER VALVE					
Ⓜ	FLOMEC Q200 FLOW SENSOR					
Ⓜ	RAINBIRD 33-RC QUICK COUPLING VALVE					
Ⓜ	CALSENSE CS3000" INSTALL CONTROLLER IN STRONGBOX SB16-SS, OR CITY APPROVED EQUAL.					
Ⓜ	RAINBIRD BVAL501-S DRIPLINE SHUTOFF VALVE. INSTALL ON HEADER LINE					
Ⓜ	RAINBIRD ARV-050 AIR RELIEF VALVE					
Ⓜ	DRIPLINE DRAIN VALVE IN SMALL RECTANGULAR VALVE BOX. PROVIDE HOSE FITTING FOR HOSE CONNECTION.					
A6	INDICATES CONTROLLER STATION NUMBER					
1"	INDICATES VALVE SIZE					
21	INDICATES GPM / GPH					

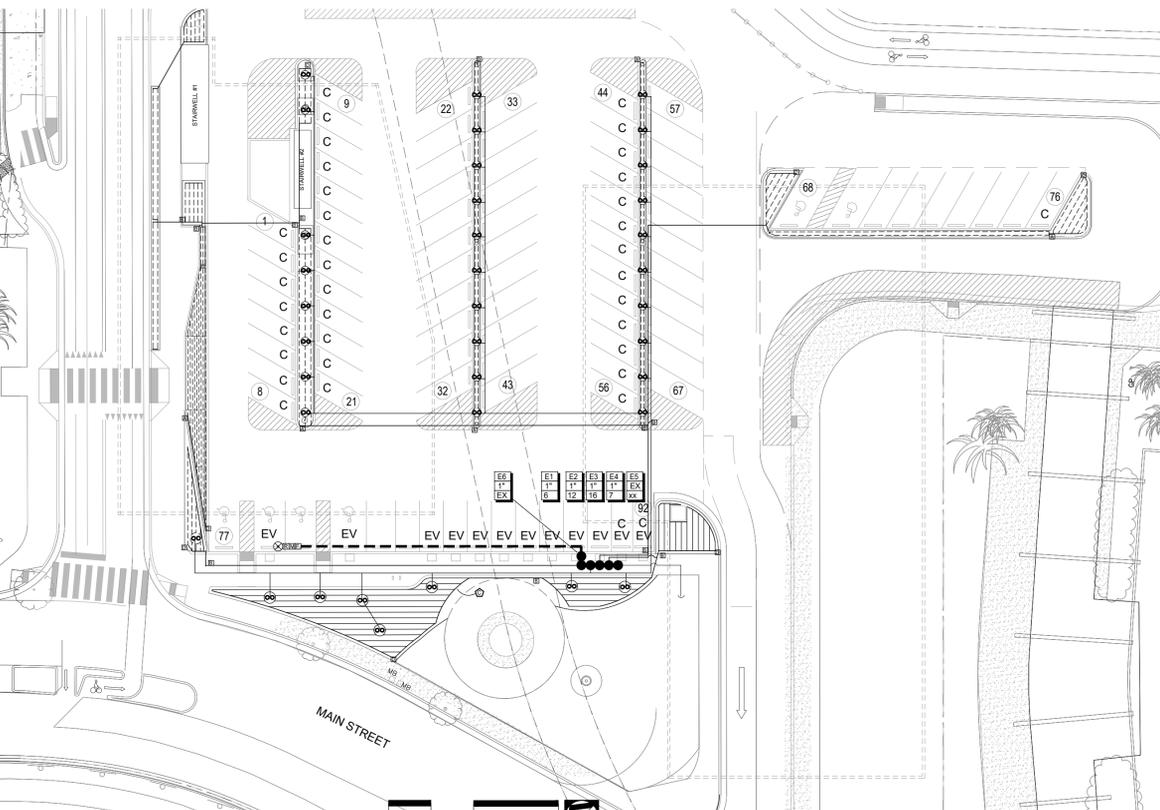
IRRIGATION NOTES:

THE IRRIGATION SYSTEM ASSUMES A MINIMUM FLOW OF 20-GPM AND A MINIMUM PRESSURE OF 40-PSI IS AVAILABLE ON THE EXISTING IRRIGATION MAINLINE AT THE POINT OF CONNECTION. LANDSCAPE CONTRACTOR TO VERIFY EXISTING CONDITIONS AND REPORT FINDINGS TO LANDSCAPE ARCHITECT IF THE CONDITIONS ARE LESS THAN STATED ABOVE.

ALL LATERAL LINES AND MAINLINES UNDER PAVING SHALL BE SLEEVED IN SCH. 40 PVC 2-TIMES PIPE DIAMETER.

LOCATE DRIPLINE IN DIRECT RELATION WITH SHRUB ROW SPACING - TYP. STAKE DRIPLINE @ 30" O.C. SPACING WITH MANUFACTURER'S RECOMMENDED STAPLES. DEFORMATION OF DRIPLINE IS NOT ACCEPTABLE AND SHALL BE REPAIRED.

INSTALL ALL LINES WITHIN PLANTER AREAS. MAINLINES AND LATERAL LINES ARE SHOWN OUTSIDE OF PLANTERS FOR PLAN CLARITY ONLY.



HYDROZONE PLAN & LEGEND

City of Santa Monica  
 Department of Public Works  
 1437 Fourth Street Suite 300, Santa Monica, CA 90401  
 TEL. (310) 458-8721 FAX. (310) 393-4425  
 e-mail: sm.engineering@smgov.net



SAM REIFSNYDER ARCHITECT	DATE: 2018	COMPUTER FILE NAME:
REVIEWED: _____	DATE: 2018	SP-FILE NO.:
REVIEWED: _____	DATE: 2018	SP-FILE NO.:
CURTIS CASTLE, P.E. PRINCIPAL CIVIL ENGINEER	APPROVED BY:	DATE: 2018
RICK VALTE, P.E., CIVIL ENGINEER		

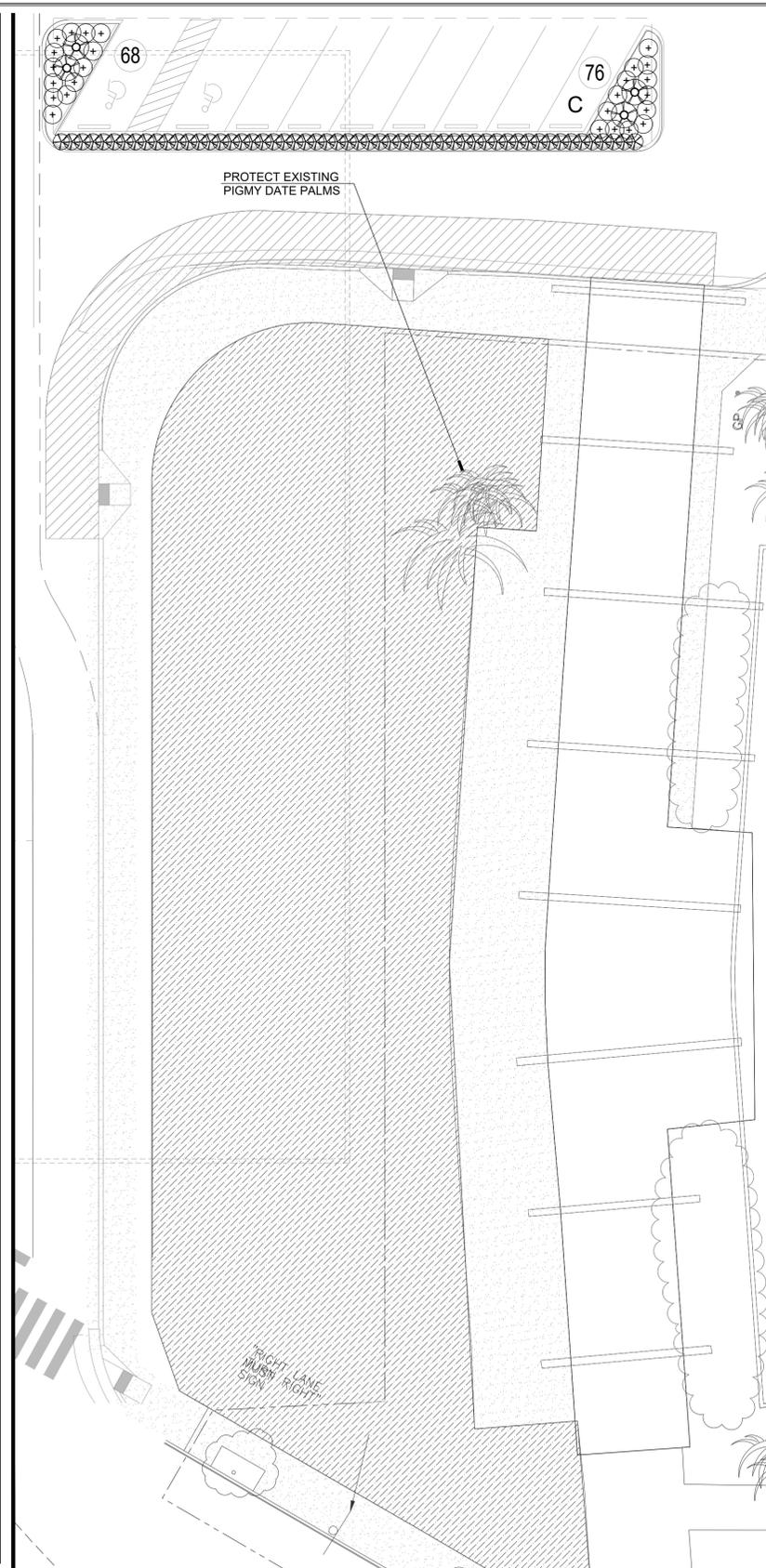
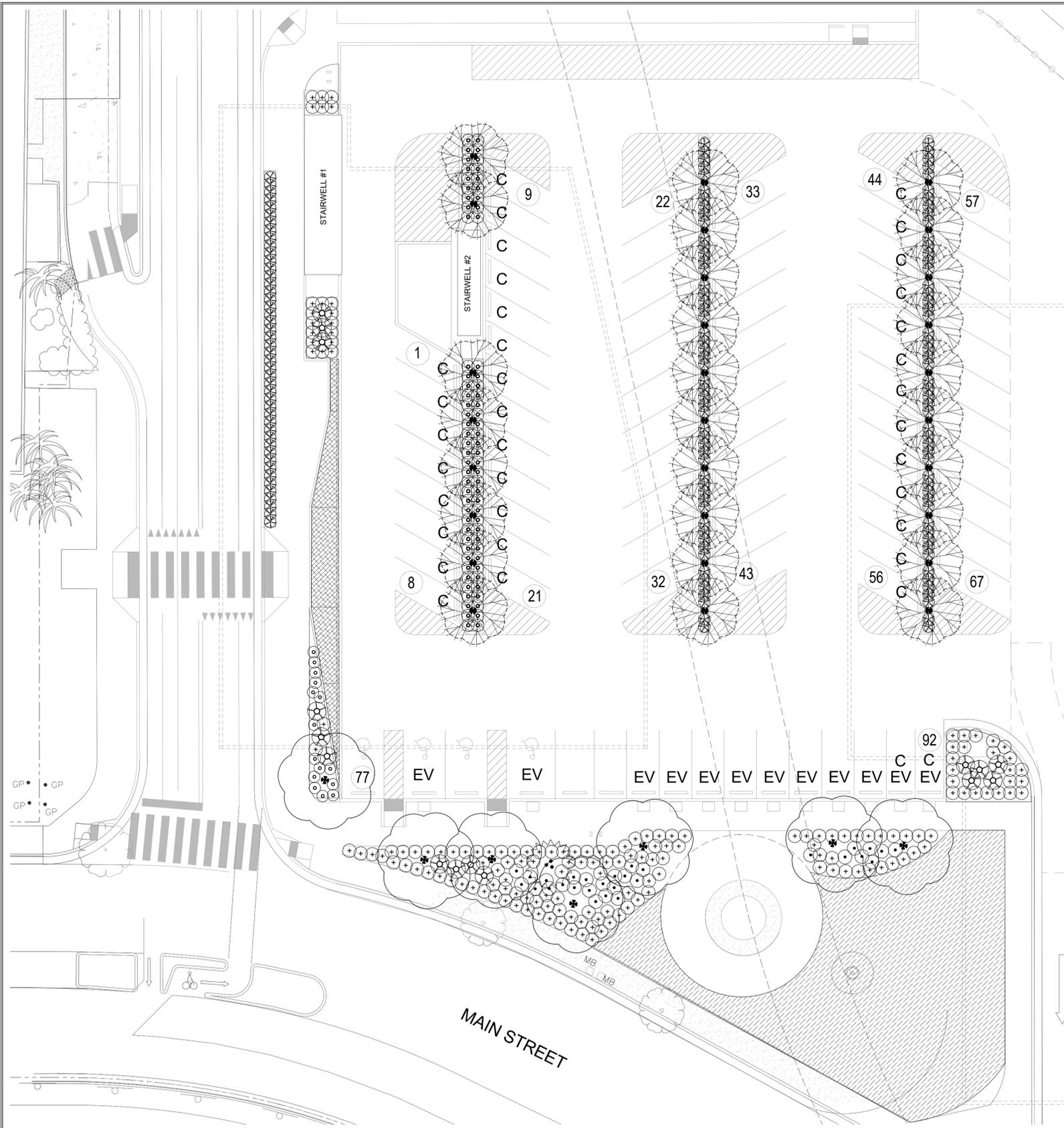
**MWEO STATEMENT OF COMPLIANCE**  
 "I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN".  
 CRAIG T. DUNCAN LANDSCAPE ARCHITECT  
 SILVER BAR STUDIO  
 CA 2903

SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
 60% LANDSCAPE CONSTRUCTION PLANS  
**IRRIGATION DETAILS/NOTES**

DESIGNED BY: 000	DRAWING NO. L103
DRAWN BY: 000	OF
CHECKED BY: 000	SHTS
CONSULTANT JOB / SHEET NO.	

SWIP\_A1/190213\_detached.rvt

SWIP\_A17\_190213\_detached.rvt



**PRELIMINARY TREE LIST**

CHILOPSIS LINEARIS 'BURGUNDY'	ANSI S623.1: MED
24" BOX 12'-6" O.C.	25' TALL/18" WIDE SUN
METROSIDEROA EXCELSA 'NEW ZEALAND XMAS TREE'	ANSI S623.1: MED
36" BOX	20' TALL/20" WIDE SUN
MELALEUCA NESOPHYLLA 'PINK MELALEUCA'	ANSI S623.1: MED
36" BOX LOW-BRANCH	12' TALL/14" WIDE SUN

LIMONIUM PEREZII 'SEA LAVENDER'	ANSI S623.1: LOW
5-GAL. 30" O.C.	30" TALL/36" WIDE SUN
CALLISTEMON VIMINALIS 'LITTLE JOHN'	ANSI S623.1: LOW
5-GAL. SPACING VARIES	36" TALL/36" WIDE SUN
LOMANDRA LONGIFOLIA 'BREEZE'	ANSI S623.1: LOW
5-GAL. 24" O.C.	24" TALL/36" WIDE SUN
DIETES GRANDIFLORA 'VARIEGATA'	ANSI S623.1: LOW
5-GAL. 24" O.C.	36" TALL/30" WIDE SUN
CARISSA MACROCARPA 'GREEN CARPET'	ANSI S623.1: LOW
5-GAL. 36" O.C./VARIES	18" TALL/42" WIDE SUN
EUPHORBIA 'STICKS ON FIRE'	ANSI S623.1: LOW
5-GAL. 24" O.C.	5' TALL/5" WIDE SUN

LAWN REPLACEMENT MATCH EXISTING SOD	
CAREX PREAGRACILIS 'MEADOW SEDGE'	ANSI S623.1: LOW
4" LINERS @ 12" O.C.	6" TALL/8" WIDE SUN

FOR LANDSCAPE INSTALLATIONS, COMPOST AT A RATE OF A MINIMUM OF FOUR CUBIC YARDS (4 YD PER ONE THOUSAND SQUARE FEET (1,000 FT OF PERMEABLE AREA SHALL BE INCORPORATED TO A DEPTH OF SIX INCHES (6") INTO THE SOIL. SOILS WITH GREATER THAN SIX PERCENT (6%) ORGANIC MATTER IN THE TOP SIX INCHES (6") OF SOIL ARE EXEMPT FROM ADDING COMPOST AND TILLING. A POST INSTALLATION SOIL TEST MUST SHOW A SIX PERCENT (6%) ORGANIC MATTER CONTENT OR GREATER.

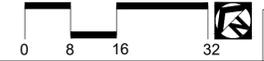
A MINIMUM THREE INCH (3") LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT IN TURF AREAS, OVER CREEPING OR ROOTING GROUND COVERS, OR IN DIRECT SEEDING APPLICATIONS WHERE MULCH IS NOT APPROPRIATE. TO PROVIDE HABITAT FOR BENEFICIAL INSECTS AND OTHER WILDLIFE, UP TO FIVE PERCENT (5%) OF THE LANDSCAPE AREA MAY BE LEFT WITHOUT MULCH. DESIGNATED INSECT HABITAT MUST BE CLEARLY IDENTIFIED ON THE CONSTRUCTION OR LANDSCAPE PLAN.

NO MULCH SHALL BE APPLIED WITHIN SIX INCHES (6") OF THE BASE OF TREES.

NO PLANT MATERIAL SHALL BE INSTALLED WITHIN TWENTY-FOUR (24") INCHES OF THE BASE OF A TREE.

**LOCAL SOURCE GRANITE BOULDERS**

A	60"
B	48"
C	30"



60% SUBMITTAL DO NOT USE FOR CONSTRUCTION

**City of Santa Monica**  
**Department of Public Works**  
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NO.	DATE	BY	DESCRIPTION	APPROVED
REVISIONS				

**silver bar studio**  
 landscape architecture  
 environmental design  
 mariposa, ca.

REVIEWED: SAM REIFSNYDER ARCHITECT	DATE: 2018
REVIEWED: CURTIS CASTLE, P.E. PRINCIPAL CIVIL ENGINEER	DATE: 2018
REVIEWED: RICK VALTE, P.E., CIVIL ENGINEER	DATE: 2018

REFERENCE: DATE: 2018	COMPUTER FILE NAME:
DATE: 2018	SP-FILE NO.:
APPROVED BY: RICK VALTE, P.E., CIVIL ENGINEER	DATE: 2018

SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
 60% LANDSCAPE CONSTRUCTION PLANS

## PLANTING PLAN

PROJECT AND SHEET TITLE

DESIGNED BY: ctd	DRAWN BY: ctd
CHECKED BY: square1	CONSULTANT JOB / SHEET NO.
DRAWING NO. L-201	SHT OF SHTS

PROJECT ADDRESS		Main St., Santa Monica, CA					MAWA TOTAL	
MAWA	Eto	Conversion	Adj Factor	Area				
=	44.2	0.62	0.45	5,513	GPY		67,985	
SLA	44.2	0.62	1	-	GPY		-	
				5,513	GPY		67,985	

EAWA		Main St., Santa Monica, CA					SUB-TOTAL	
HYDROZONE	PF/KL	IRR TYPE	I.E.	ETAF	AREA	Eto	Adj. Fac.	
Special Landscape Area	0.8	Bubbler	0.81	0.99	-	44.2	0.62	-
Special Landscape Area	0.8	Dripline	0.81	0.99	-	44.2	0.62	-
Cool Season Turf	0.8	Rotor	0.75	1.07	-	44.2	0.62	-
Warm Season Turf	0.6	Rotor	0.75	0.80	-	44.2	0.62	-
Warm Season Turf	0.5	Dripline	0.81	0.74	497	44.2	0.62	10,089
Cool Season Turf	0.6	Dripline	0.81	0.62	-	44.2	0.62	-
Cool Season Turf	0.8	Rotary	0.75	1.07	-	44.2	0.62	-
Warm Season Turf	0.6	Rotary	0.75	0.80	-	44.2	0.62	-
Cool Season Turf	0.8	Spray	0.75	1.07	-	44.2	0.62	-
Warm Season Turf	0.6	Spray	0.75	0.80	-	44.2	0.62	-
High Water Use T/S/GC	0.7	Rotary	0.75	0.93	-	44.2	0.62	-
Med Water Use T/S/GC	0.5	Rotary	0.75	0.67	-	44.2	0.62	-
Low Water Use T/S/GC	0.3	Rotary	0.75	0.40	-	44.2	0.62	-
V Low Water Use T/S/GC	0.2	Rotary	0.75	0.27	-	44.2	0.62	-
High Water Use T/S/GC	0.7	Dripline	0.81	0.86	-	44.2	0.62	-
Med Water Use T/S/GC	0.5	Dripline	0.81	0.62	592	44.2	0.62	10,014
Low Water Use T/S/GC	0.3	Dripline	0.81	0.37	4,424	44.2	0.62	44,902
V Low Water Use T/S/GC	0.2	Dripline	0.81	0.25	-	44.2	0.62	-
High Water Use T/S/GC	0.7	Bubbler	0.81	0.86	-	44.2	0.62	-
Med Water Use T/S/GC	0.5	Bubbler	0.81	0.62	-	44.2	0.62	-
Low Water Use T/S/GC	0.3	Bubbler	0.81	0.37	-	44.2	0.62	-
V Low Water Use T/S/GC	0.2	Bubbler	0.81	0.25	-	44.2	0.62	-
POOL/SPA	1		0.81	1.23	-	44.2	0.62	-
Other	0.3		0.81	0.37	-	44.2	0.62	-
					5,513			65,005

**MWEO COMPLIANCE**

- SEASONAL IRRIGATION SCHEDULE: WINTER (Dec., Jan. and Feb.)										- SEASONAL IRRIGATION SCHEDULE: SPRING (Mar., April and May)										- SEASONAL IRRIGATION SCHEDULE: SUMMER (Jun., Jul. and Aug.)										- SEASONAL IRRIGATION SCHEDULE: AUTUMN (Sep., Oct. and Nov.)																																	
Project Name:		santa monica swip								Water meter Number:		--		Project Name:		santa monica swip								Water meter Number:		--		Project Name:		santa monica swip								Water meter Number:		--		Project Name:		santa monica swip								Water meter Number:		--									
Designer Name:		Silver Bar Studio								Reclaimed / Potable:		P		Designer Name:		Silver Bar Studio								Reclaimed / Potable:		P		Designer Name:		Silver Bar Studio								Reclaimed / Potable:		P		Designer Name:		Silver Bar Studio								Reclaimed / Potable:		P									
Date Prepared:		15 November 2019								Date Prepared:		15 November 2019		Date Prepared:		15 November 2019								Date Prepared:		15 November 2019		Date Prepared:		15 November 2019								Date Prepared:		15 November 2019																							
Evapotranspiration Rates:		Historical: 48.40 In. / Yr. Seasonal: 3.20 In. / Wk. Seasonal: 0.25 In. / Wk.				Plant Factors (% of ETo): Turf: 0.6-0.8 Low Water Use Shrubs: 0.1-0.3 Medium Water Use Shrubs: 0.4-0.6 High Water Use Shrubs: 0.7-0.9				Irrigation Efficiency (%): Stream Rotors: 0.75 Spray Heads: 0.75 Bubbler Heads: 0.81 Drip Systems: 0.81				Evapotranspiration Rates:		Historical: 48.40 In. / Yr. Seasonal: 13.50 In. / Wk. Seasonal: 1.04 In. / Wk.				Plant Factors (% of ETo): Turf: 0.6-0.8 Low Water Use Shrubs: 0.1-0.3 Medium Water Use Shrubs: 0.4-0.6 High Water Use Shrubs: 0.7-0.9				Irrigation Efficiency (%): Stream Rotors: 0.75 Spray Heads: 0.75 Bubbler Heads: 0.81 Drip Systems: 0.81				Evapotranspiration Rates:		Historical: 48.40 In. / Yr. Seasonal: 21.90 In. / Wk. Seasonal: 1.68 In. / Wk.				Plant Factors (% of ETo): Turf: 0.6-0.8 Low Water Use Shrubs: 0.1-0.3 Medium Water Use Shrubs: 0.4-0.6 High Water Use Shrubs: 0.7-0.9				Irrigation Efficiency (%): Stream Rotors: 0.75 Spray Heads: 0.75 Bubbler Heads: 0.81 Drip Systems: 0.81				Evapotranspiration Rates:		Historical: 48.40 In. / Yr. Seasonal: 9.80 In. / Wk. Seasonal: 0.75 In. / Wk.				Plant Factors (% of ETo): Turf: 0.6-0.8 Low Water Use Shrubs: 0.1-0.3 Medium Water Use Shrubs: 0.4-0.6 High Water Use Shrubs: 0.7-0.9				Irrigation Efficiency (%): Stream Rotors: 0.75 Spray Heads: 0.75 Bubbler Heads: 0.81 Drip Systems: 0.81											
Controller Letter:		A								Controller Letter:		A		Controller Letter:		A								Controller Letter:		A		Controller Letter:		A								Controller Letter:		A																							
VALVE NUMBER	FLOW IN GPM	PLANT FACTOR	PRECIP. RATE	IRRIG. EFFIC.	MAX. MIN./CYCLE	IR/WK INCHES	IR/WK MINUTES	CYCLES PER WK	GALLONS PER WK	VALVE NUMBER	FLOW IN GPM	PLANT FACTOR	PRECIP. RATE	IRRIG. EFFIC.	MAX. MIN./CYCLE	IR/WK INCHES	IR/WK MINUTES	CYCLES PER WK	GALLONS PER WK	VALVE NUMBER	FLOW IN GPM	PLANT FACTOR	PRECIP. RATE	IRRIG. EFFIC.	MAX. MIN./CYCLE	IR/WK INCHES	IR/WK MINUTES	CYCLES PER WK	GALLONS PER WK	VALVE NUMBER	FLOW IN GPM	PLANT FACTOR	PRECIP. RATE	IRRIG. EFFIC.	MAX. MIN./CYCLE	IR/WK INCHES	IR/WK MINUTES	CYCLES PER WK	GALLONS PER WK	VALVE NUMBER	FLOW IN GPM	PLANT FACTOR	PRECIP. RATE	IRRIG. EFFIC.	MAX. MIN./CYCLE	IR/WK INCHES	IR/WK MINUTES	CYCLES PER WK	GALLONS PER WK														
1	6.0	0.6	0.60	0.81	10	0.18	18	2	109	1	6	0.6	0.60	0.81	10	0.77	77	8	462	1	6	0.6	0.60	0.81	10	1.25	125	12	749	1	6	0.6	0.60	0.81	10	0.56	56	6	335	1	6	0.6	0.60	0.81	10	0.56	56	6	335														
2	12.0	0.3	0.60	0.81	10	0.09	9	1	109	2	12	0.3	0.60	0.81	10	0.62	62	4	462	2	12	0.3	0.60	0.81	10	0.62	62	6	749	2	12	0.3	0.60	0.81	10	0.28	28	3	335	2	12	0.3	0.60	0.81	10	0.28	28	3	335														
3	12.0	0.3	0.60	0.81	10	0.09	9	1	109	3	12	0.3	0.60	0.81	10	0.38	38	4	462	3	12	0.3	0.60	0.81	10	0.62	62	6	749	3	12	0.3	0.60	0.81	10	0.28	28	3	335	3	12	0.3	0.60	0.81	10	0.28	28	3	335														
Run Time Totals:		36 Min. / Wk. 0.61 Hrs. / Wk. 6 Days / Wk. 0.10 Hrs. / Day				Water Use Totals: 328 Gal. / Wk. 1,421 Gal. / Mo. 4,267 Gal. / Ssn. 55 Gal. / Day				0.00 Acft. / Wk. 0.00 Acft. / Mo. 0.01 Acft. / Ssn. 0.00 Acft. / Day				Water Cost Totals: \$0.00 Cost / Acft. \$0.00 Cost / Mo. \$0.00 Cost / Ssn. \$0.00 Cost / Yr.		Run Time Totals:		154 Min. / Wk. 2.56 Hrs. / Wk. 6 Days / Wk. 0.43 Hrs. / Day				Water Use Totals: 1,385 Gal. / Wk. 5,995 Gal. / Mo. 18,000 Gal. / Ssn. 231 Gal. / Day				0.00 Acft. / Wk. 0.02 Acft. / Mo. 0.06 Acft. / Ssn. 0.00 Acft. / Day				Water Cost Totals: \$0.00 Cost / Acft. \$0.00 Cost / Mo. \$0.00 Cost / Ssn. \$0.00 Cost / Yr.		Run Time Totals:		250 Min. / Wk. 4.16 Hrs. / Wk. 6 Days / Wk. 0.69 Hrs. / Day				Water Use Totals: 2,246 Gal. / Wk. 9,726 Gal. / Mo. 29,200 Gal. / Ssn. 374 Gal. / Day				0.01 Acft. / Wk. 0.03 Acft. / Mo. 0.09 Acft. / Ssn. 0.00 Acft. / Day				Water Cost Totals: \$0.00 Cost / Acft. \$0.00 Cost / Mo. \$0.00 Cost / Ssn. \$0.00 Cost / Yr.		Run Time Totals:		112 Min. / Wk. 1.86 Hrs. / Wk. 6 Days / Wk. 0.31 Hrs. / Day				Water Use Totals: 1,005 Gal. / Wk. 4,352 Gal. / Mo. 13,067 Gal. / Ssn. 168 Gal. / Day				0.00 Acft. / Wk. 0.01 Acft. / Mo. 0.04 Acft. / Ssn. 0.00 Acft. / Day				Water Cost Totals: \$0.00 Cost / Acft. \$0.00 Cost / Mo. \$0.00 Cost / Ssn. \$0.00 Cost / Yr.	

City of Santa Monica  
Department of Public Works  
1437 Fourth Street Suite 300, Santa Monica, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425  
e-mail: sm.engineering@smgov.net

NO.	DATE	BY	DESCRIPTION	APPROVED

silver bar studio  
landscape architecture  
environmental design  
mariposa, ca.

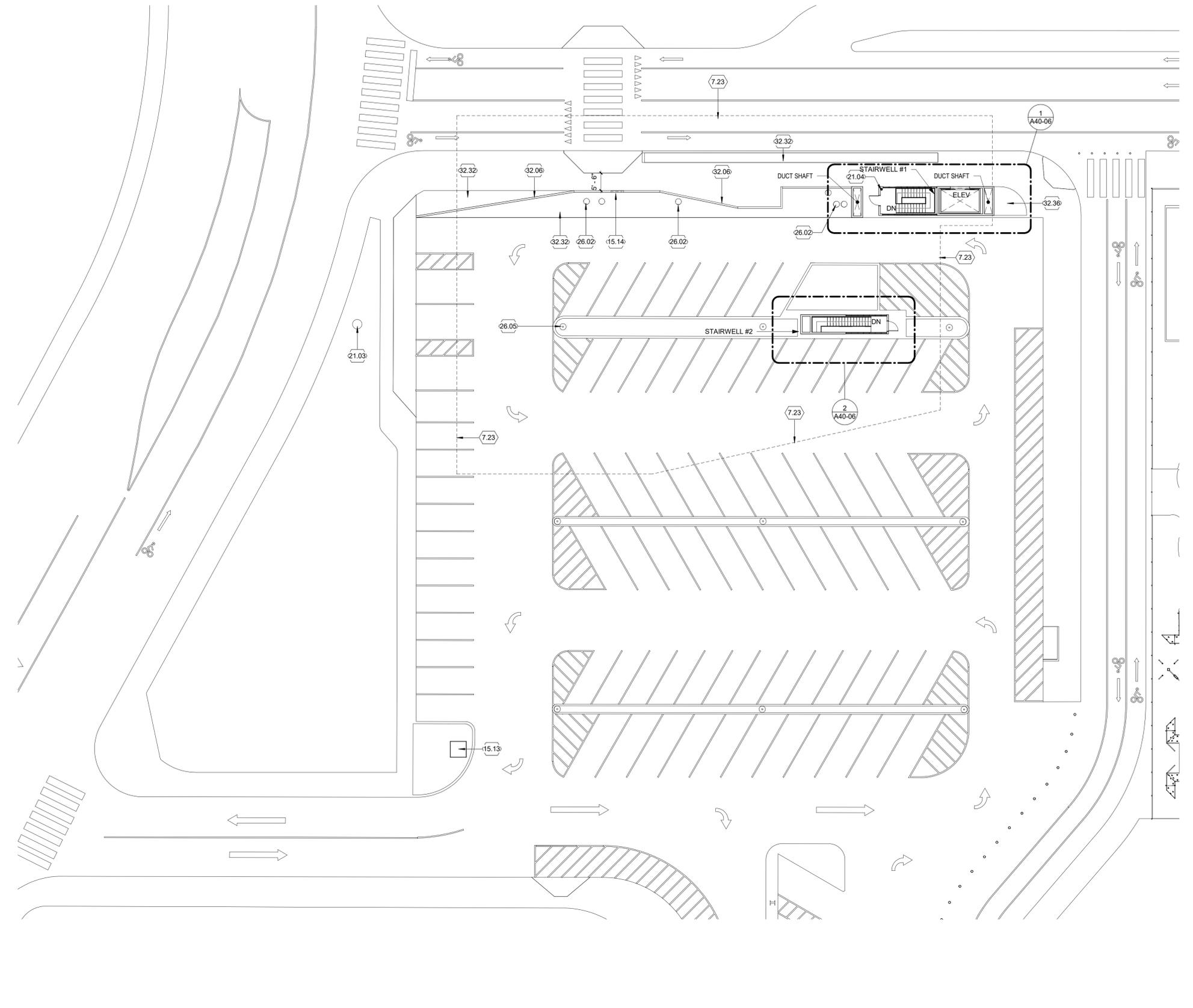
REVIEWED: _____	DATE: _____ 2018	REFERENCE:
SAM REIFSNYDER ARCHITECT		DATE: 2018
REVIEWED: _____	DATE: _____ 2018	COMPUTER FILE NAME:
		SP-FILE NO.:
REVIEWED: _____	DATE: _____ 2018	SP-FILE NO.:
		APPROVED BY:
		RICK VALTE, P.E. CIVIL ENGINEER
		DATE: _____ 2018

SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
60% LANDSCAPE CONSTRUCTION PLANS

**IRRIGATION SCHEDULE  
MWEO CALCULATION**

DESIGNED BY: csl  
DRAWN BY: csl  
CHECKED BY: square1  
CONSULTANT JOB / SHEET NO.  
DRAWING NO. **L-202**  
SHT OF SHTS

60% SUBMITTAL DO NOT USE FOR CONSTRUCTION



- KEYNOTES**
- | NO.   | Note - Detail                              |
|-------|--|
| 7.23  | LINE OF WALL BELOW                         |
| 15.13 | 5' X 5' CHEMICAL FILL STATION              |
| 15.14 | ODOR CONTROL INTAKE VENT (WALL MOUNTED)    |
| 21.03 | DBL DETECTOR CHECK VALVE & FDC (SEE CIVIL) |
| 21.04 | FIRE RISER STANDPIPE (SEE CIVIL)           |
| 26.02 | SOLATUBE SKYLIGHT FIXTURE                  |
| 26.05 | PARKING LIGHT POLE                         |
| 32.06 | CONCRETE WALL PLANTER                      |
| 32.32 | LANDSCAPE AREA - SEE LANDSCAPE PLANS       |
| 32.36 | PLANTING AREA - SEE LANDSCAPE PLANS        |

PARKING LEVEL PLAN 1  
1/16" = 1'-0"

ISSUED FOR PERMIT

**City of Santa Monica**  
PUBLIC WORKS DEPARTMENT  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
SQUARE 1  
ARCHITECTURE | INTERIOR | PARKING | DESIGN | GROUP

REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__

REFERENCE:

DATE: \_\_\_\_\_ 20\_\_ COMPUTER FILE NAME:

SUBMITTED BY: \_\_\_\_\_ SP-FILE NO: 2456

SELIM EREN, P.E.

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

RICK VALTE, P.E. - CITY ENGINEER

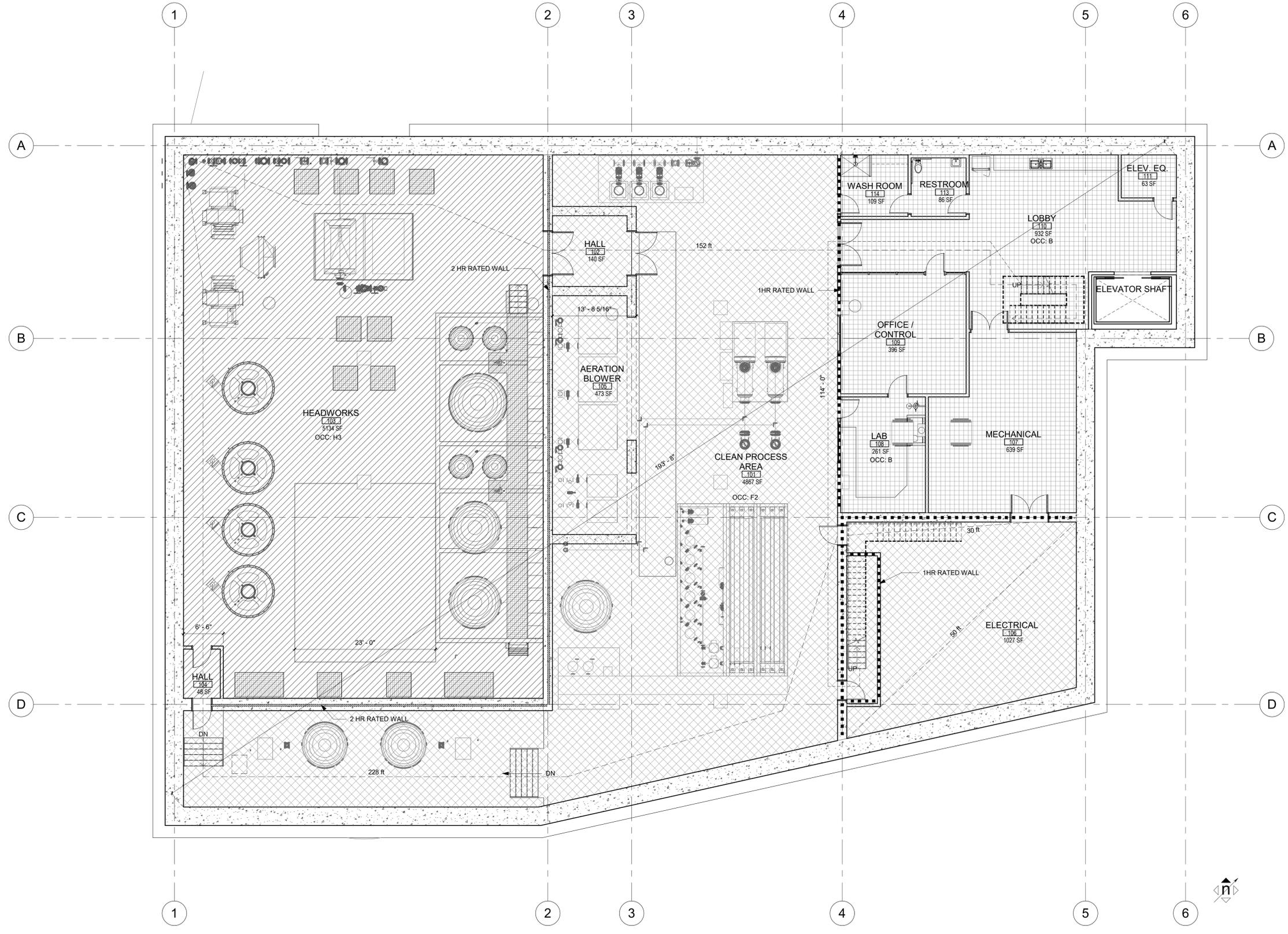
CIVIL ENGINEERING DIVISION

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER  
PARKING LEVEL PLAN**

PROJECT AND SHEET TITLE

DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
CONSULTANT JOB SHEET NO.:	A40-01
DRAWING NO.:	U3306
SHT OF SHTS	



**LEGEND**

	1 HR. RATED WALL
	2 HR. RATED WALL

**BUILDING CODE ANALYSIS**

CBC CONSTRUCTION TYPE:	1B, FULLY SPRINKLERED
OCCUPANCY GROUP	B
PROPOSED AREA	2,446 sf
ALLOWABLE AREA	UNLIMITED
OCCUPANCY GROUP	F2
PROPOSED AREA	6,634 sf
ALLOWABLE AREA	UNLIMITED
OCCUPANCY GROUP	H3
PROPOSED AREA	5,134sf
ALLOWABLE AREA	60,000 sf
AUTOMATIC SPRINKLER SYSTEM	FULLY
PROPOSED BUILDING AREA	15,068 sf

	OCCUPANCY GROUP - B
	OCCUPANCY GROUP - F2
	OCCUPANCY GROUP - H3

**TABLE FOR CHEMICAL TYPES & QUANTITIES**

CONCENTRATION	CHEMICAL	QUANTITY
15%	SODIUM CARBONATE	(4,150 GALLONS STORAGE)
12.50%	SODIUM HYPOCHLORITE	(2,750 GALLONS STORAGE)
37%	CALCIUM CHLORIDE	(2,750 GALLONS STORAGE)
93%	SULFURIC ACID	(615 GALLONS STORAGE)
93%	CITRIC ACID	(615 GALLONS STORAGE)
40%	AMMONIUM SULFATE	(615 GALLONS STORAGE)
100%	S-100 ANTISCALANT	(615 GALLONS STORAGE)

ISSUED FOR PERMIT

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PUBLIC WORKS DEPARTMENT  
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NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
SQUARE 1  
CORPORATE | FINANCIAL | OPERATIONAL DESIGN GROUP

REVIEWED BY:	DATE: _____ 20__	REFERENCE:	DATE: _____ 20__	COMPUTER FILE NAME:
REVIEWED BY:	DATE: _____ 20__	SUBMITTED BY:	SELIM EREN, P.E.	SP-FILE NO: 2456
REVIEWED BY:	DATE: _____ 20__	APPROVED BY:	RICK VALTE, P.E. - CITY ENGINEER	DATE: _____ 20__

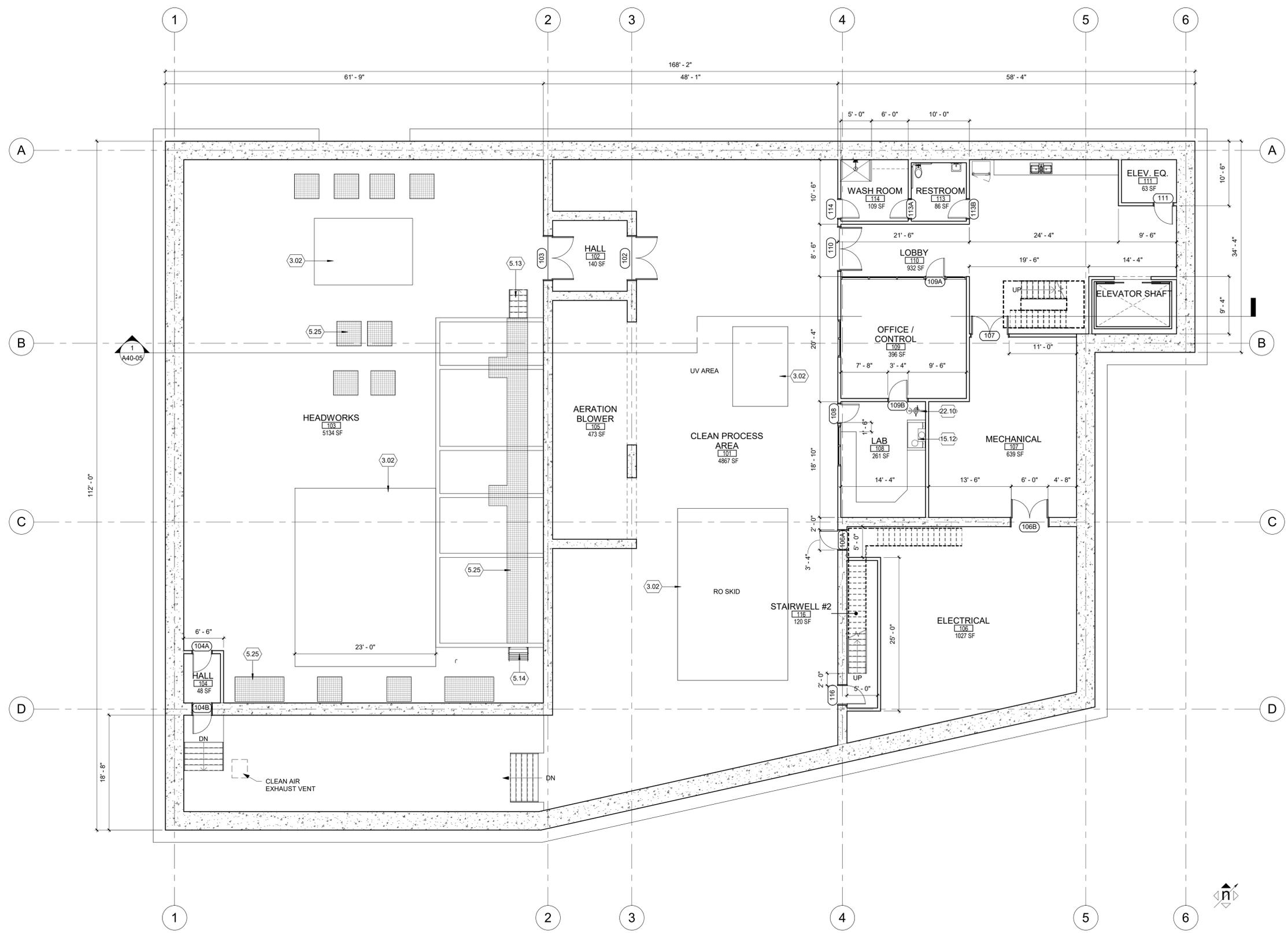
SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER EXIT ANALYSIS**

PROJECT AND SHEET TITLE

DESIGNED BY:	Designer	
DRAWN BY:	Author	
CHECKED BY:	Checker	
CONSULTANT JOB SHEET NO.:	A40-02	
DRAWING NO.:	U3306	
SHT	OF	SHTS

KEYNOTES	
NO.	Note - Detail
3.02	6" HIGH CONC. MECH. PAD (SEE STRUCT)
5.13	METAL PRE-FAB STAIRWAYS - INSTALL PER MANUF. SEE STRUCTURAL PLANS
5.14	METAL PRE-FAB SHIP LADDER - INSTALL PER MANUF.
5.25	METAL GRATE
15.12	FUME HOOD
22.10	EMERGENCY EYE-WASH/SHOWER



SUB-LEVEL 1 - FLOOR PLAN 1  
1/8" = 1'-0"

ISSUED FOR PERMIT

City of **Santa Monica**  
PUBLIC WORKS DEPARTMENT  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
SQUARE 1  
A GROUP OF COMPANIES

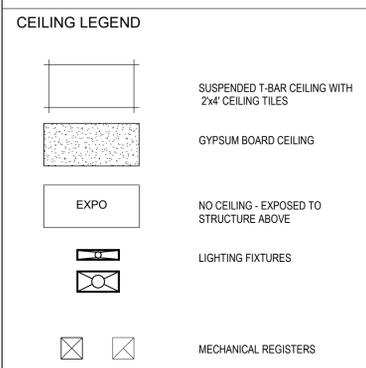
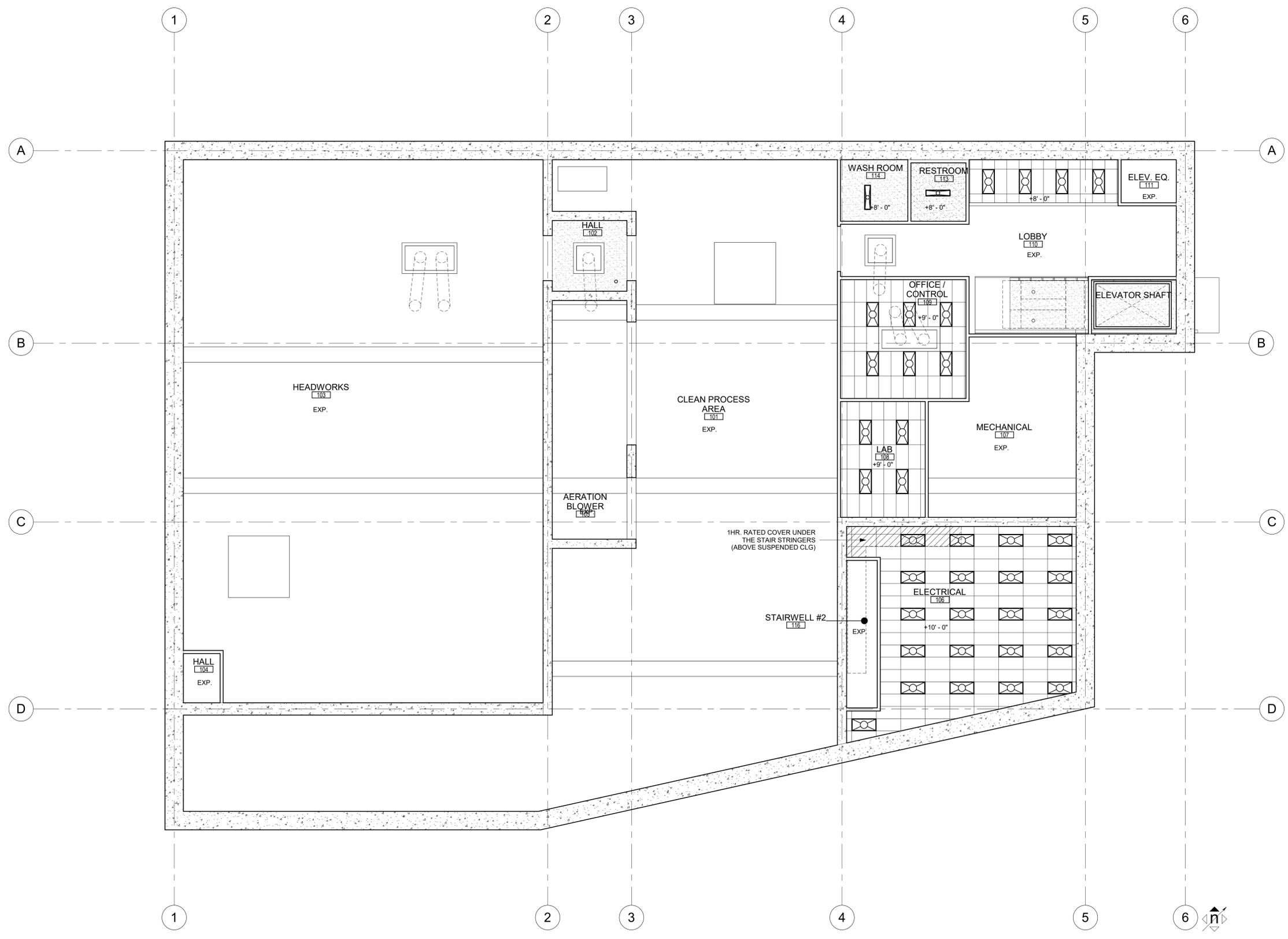
REVIEWED BY:	DATE: _____ 20__	REFERENCE:	DATE: _____ 20__	COMPUTER FILE NAME:
REVIEWED BY:	DATE: _____ 20__	SUBMITTED BY:	SELIM EREN, P.E.	SP-FILE NO: 2456
REVIEWED BY:	DATE: _____ 20__	APPROVED BY:	RICK VALTE, P.E. - CITY ENGINEER	DATE: _____ 20__

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER  
SUB-LEVEL 1 - FLOOR PLAN**

PROJECT AND SHEET TITLE

DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
CONSULTANT SHEET NO.:	A40-03
DRAWING NO.:	U3306
SHT	OF



ISSUED FOR PERMIT

**City of Santa Monica**  
**PUBLIC WORKS DEPARTMENT**  
 1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
 TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
 SQUARE 1  
PROFESSIONAL ENGINEERING & ARCHITECTURE

REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__

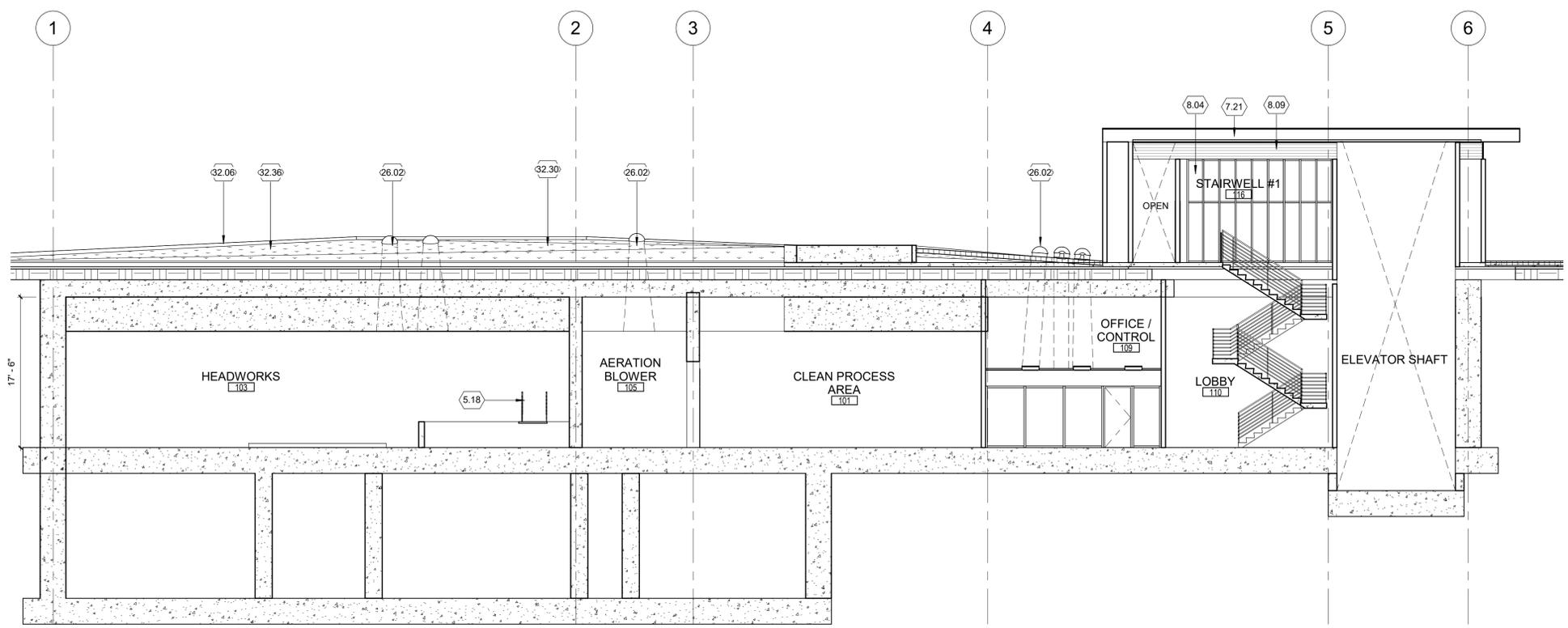
REFERENCE:	DATE: _____ 20__	COMPUTER FILE NAME:
SUBMITTED BY:	SELIM EREN, P.E.	SP-FILE NO: 2456
APPROVED BY:	RICK VALTE, P.E. - CITY ENGINEER	DATE: _____ 20__

**SUSTAINABLE WATER INFRASTRUCTURE PROJECT**

**CIVIC CENTER REFLECTED CEILING PLAN**

PROJECT AND SHEET TITLE

DESIGNED BY: Designer
DRAWN BY: Author
CHECKED BY: Checker
CONSULTANT JOB SHEET NO: A40-04
DRAWING NO: U3306
SHT OF SHTS



- KEYNOTES**
- |            |   |
|------------|---|
| <b>NO.</b> | <b>Note - Detail</b>                        |
| 5.18       | 42" HIGH METAL PRE-FAB GUARD RAIL           |
| 7.21       | PLASTER CANOPY                              |
| 8.04       | ALUM STOREFRONT SYSTEM WITH FROSTED GLAZING |
| 8.09       | FIXED LOUVERS                               |
| 26.02      | SOLATUBE SKYLIGHT FIXTURE                   |
| 32.06      | CONCRETE WALL PLANTER                       |
| 32.30      | DECOMPOSED GRANITE                          |
| 32.36      | PLANTING AREA - SEE LANDSCAPE PLANS         |

ISSUED FOR PERMIT

**City of Santa Monica**  
PUBLIC WORKS DEPARTMENT  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
SQUARE 1  
A GROUP OF THE PERKINS+WILL COMPANY

REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__

REFERENCE:

DATE: \_\_\_\_\_ 20\_\_ COMPUTER FILE NAME:

SUBMITTED BY: \_\_\_\_\_ SP-FILE NO: 2456

SELIM EREN, P.E.

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

RICK VALTE, P.E. - CITY ENGINEER

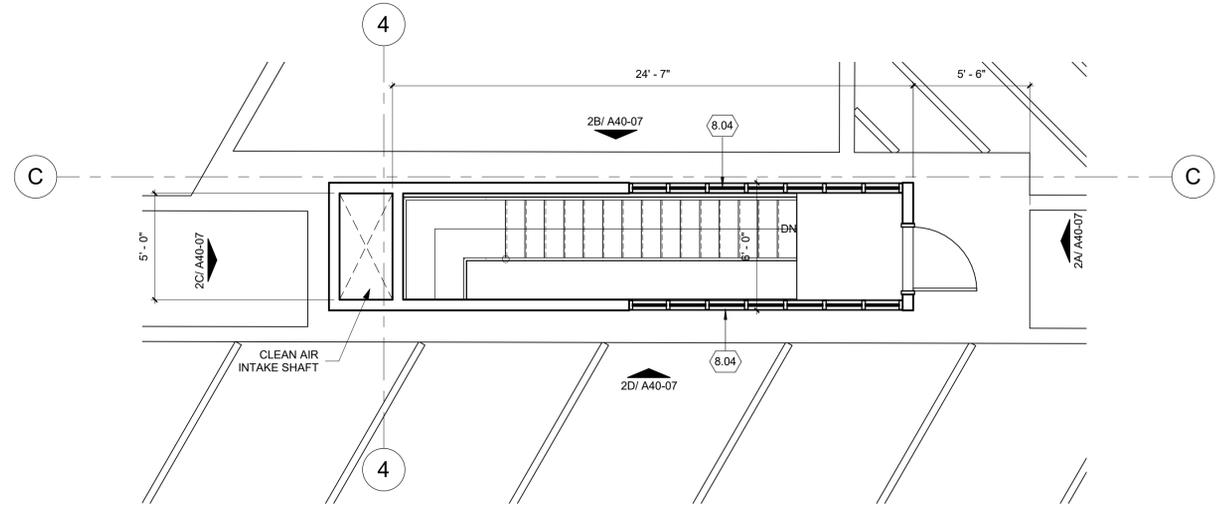
SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER BUILDING SECTIONS**

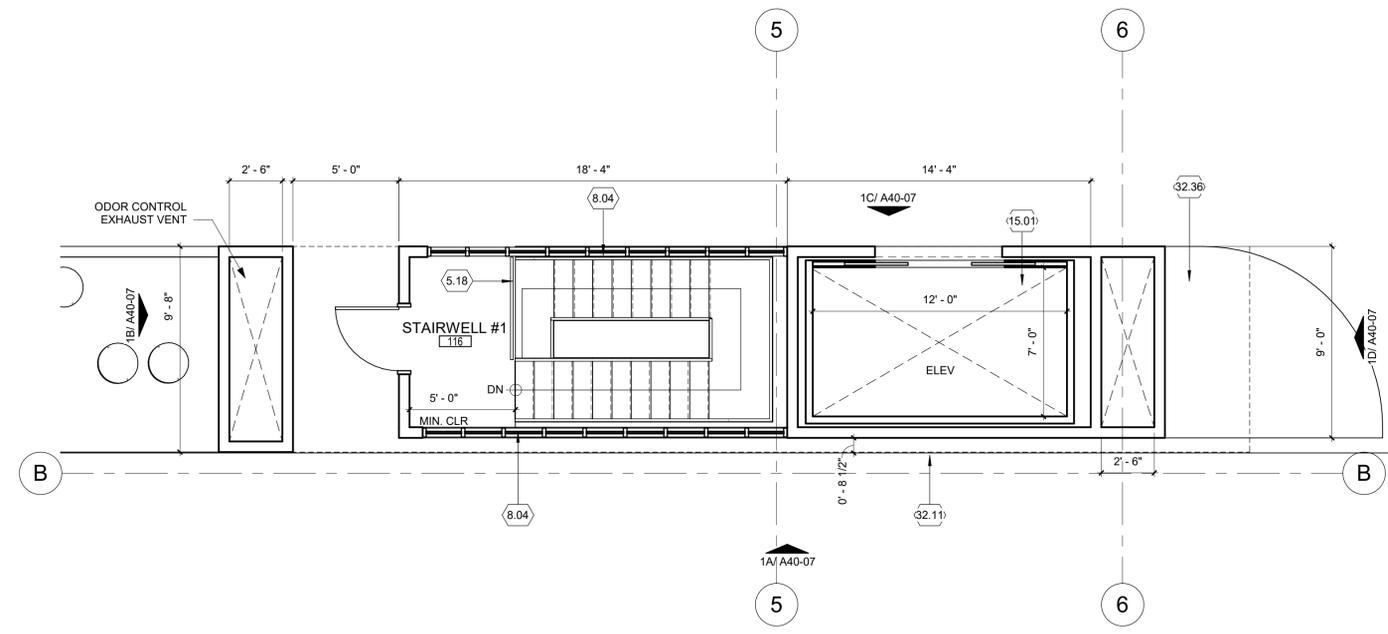
PROJECT AND SHEET TITLE

DESIGNED BY:	Designer	
DRAWN BY:	Author	
CHECKED BY:	Checker	
CONSULTANT JOB SHEET NO.:	A40-05	
DRAWING NO.:	U3306	
SHT	OF	SHTS

NO.	Note - Detail
5.18	42" HIGH METAL PRE-FAB GUARD RAIL
8.04	ALUM STOREFRONT SYSTEM WITH FROSTED GLAZING
15.01	MECH DUCT SHAFT
32.11	CONCRETE CURB & GUTTER
32.36	PLANTING AREA - SEE LANDSCAPE PLANS



STAIRWELL #2 - ENLARGED PLAN 2  
1/4" = 1'-0"



STAIRWELL #1 - ENLARGED PLAN 1  
1/4" = 1'-0"

ISSUED FOR PERMIT

**City of Santa Monica**  
PUBLIC WORKS DEPARTMENT  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

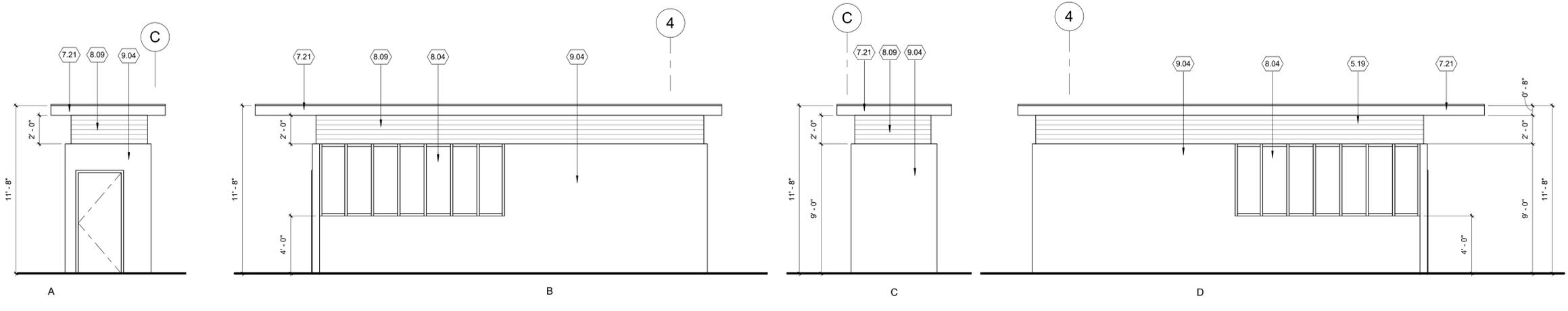
**Kiewit**  
SQUARE [1]  
CONSULTANT

REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__

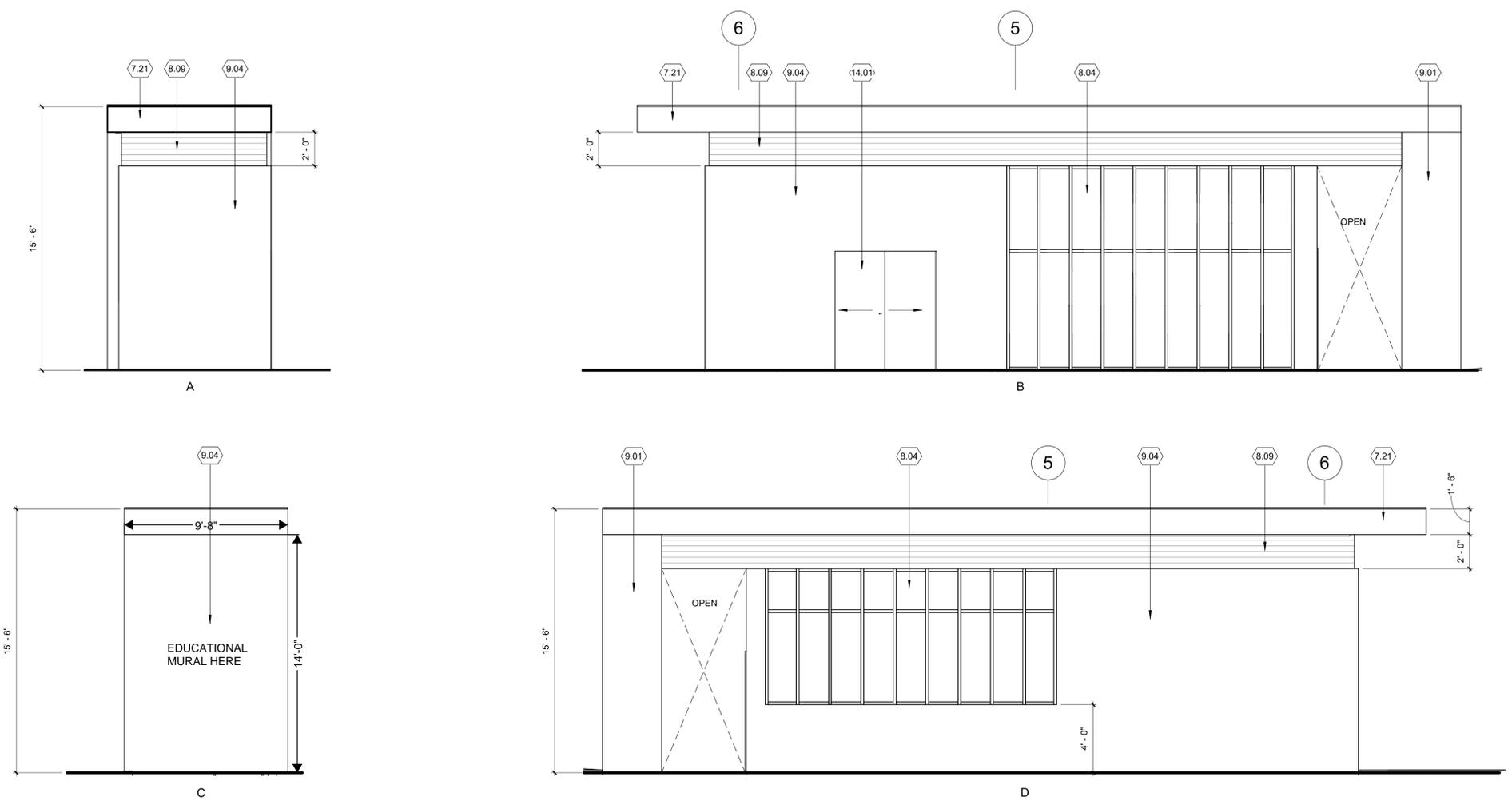
REFERENCE:	DATE: _____ 20__	COMPUTER FILE NAME:
SUBMITTED BY:	SELIM EREN, P.E.	SP-FILE NO: 2456
APPROVED BY:	RICK VALTE, P.E. - CITY ENGINEER	DATE: _____ 20__

SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
**CIVIC CENTER**  
ENLARGED PLANS - ELEVATIONS  
PROJECT AND SHEET TITLE

DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
CONSULTANT JOB SHEET NO.:	A40-06
DRAWING NO.:	U3306



STAIRWELL #2 - EXTERIOR ELEVATIONS 2  
1/4" = 1' - 0"



STAIRWELL #1 - EXTERIOR ELEVATIONS 1  
1/4" = 1' - 0"

NO.	Note - Detail
5.19	FIXED LOUVERS
7.21	PLASTER CANOPY
8.04	ALUM STOREFRONT SYSTEM WITH FROSTED GLAZING
8.09	FIXED LOUVERS
9.01	EXTERIOR PLASTER - PAINTED
9.04	GRAPHIC MURAL OVER EXTERIOR PLASTER
14.01	ELEVATOR

ISSUED FOR PERMIT

City of **Santa Monica**  
PUBLIC WORKS DEPARTMENT  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

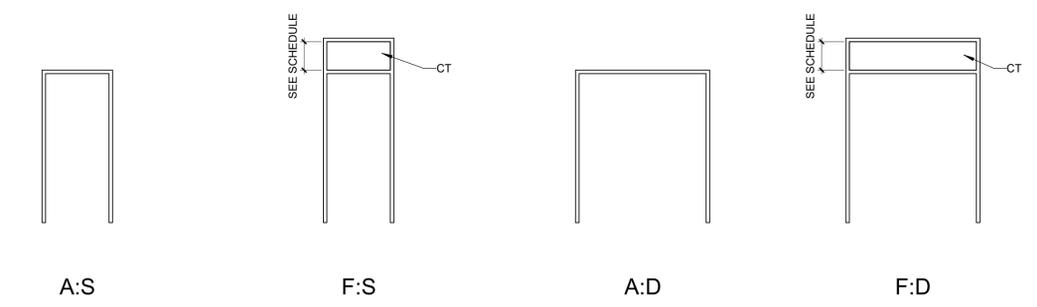
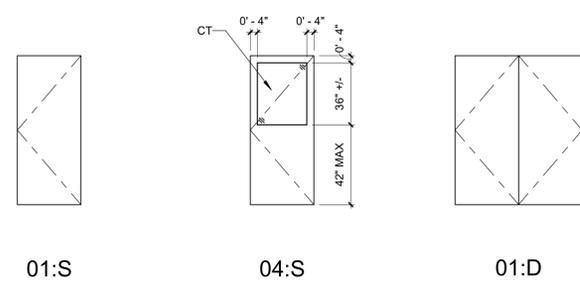
**Kiewit**  
SQUARE 1  
ARCHITECTURE | INTERIOR | PLANNING | ENGINEERING | DESIGN GROUP

REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__

REFERENCE:	DATE: _____ 20__	COMPUTER FILE NAME:
SUBMITTED BY:	SELIM EREN, P.E.	SP-FILE NO: 2456
APPROVED BY:	RICK VALTE, P.E. - CITY ENGINEER	DATE: _____ 20__

SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
**CIVIC CENTER STAIRWELL ELEVATIONS**

DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
CONSULTANT JOB SHEET NO.:	A40-07
DRAWING NO.:	U3306



DOOR NUMBER	DOOR SIZE		Fire Rating	Door				FRAME			HARDWARE GROUP	PANIC	GLASS	DETAILS (SHEET A--- U.N.O.)				SIGN DETAILS (SHEET A--)	COMMENTS	
	# OF	PANEL		HEIGHT	MATERIAL	FINISH	PANEL TYPE	UNDERCUT	MATERIAL	FINISH				FRAME TYPE	HEAD	JAMB 1	JAMB 2			THRESH
102	2	3' - 6"	7' - 0"	NR	HM	P1	04 : D	0' - 0"	HM	P1	F : D		No	CT	-	-	-	-	-	
103	2	3' - 6"	7' - 0"	NR	HM	P1	04 : D	0' - 0"	HM	P1	F : D		No	CT	-	-	-	-	-	
104A		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
104B		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
106A		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
106B	2	3' - 0"	7' - 0"	NR	HM	PT	01 : D	0' - 0"	HM	PT	A : D		No	CT	-	-	-	-	-	
107	2	3' - 0"	7' - 0"	NR	HM	PT	01 : D	0' - 0"	HM	PT	A : D		No	CT	-	-	-	-	-	
108		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
109A		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
109B		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
110	2	3' - 6"	7' - 0"	NR	HM	P1	04 : D	0' - 0"	HM	P1	F : D		No	CT	-	-	-	-	-	
111		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
113A		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
113B		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
114		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	
116		3' - 0"	7' - 0"	NR	HM	PT	01 : S	0' - 0"	HM	PT	A : S		No	CT	-	-	-	-	-	

DOOR SCHEDULE	4
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NUMBER	NAME	ROOM FINISH SCHEDULE1																REMARKS					
		FLOOR		BASE		WALLS																	
		MATERIAL	COLOR	MATERIAL	COLOR	NORTH		EAST		SOUTH		WEST											
				MATERIAL	FINISH	COLOR																	
101	CLEAN PROCESS AREA																						
102	HALL	SC	GR	RB	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR			
103	HEADWORKS	SC	GR	RB	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR			
104	HALL	SC	GR	RB	GR	GB	PT	GR	GB	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR			
105	AERATION BLOWER	SC	GR	RB	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR			
106	ELECTRICAL	SC	GR	RB	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	GB	PT	GR			
107	MECHANICAL	SC	GR	RB	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR	CONC	PT	GR			
108	LAB	PC	GR	RB	GR	GB	PT	WH	GB	PT	WH	CONC	PT	WH	GB	PT	WH	GB	PT	WH			
109	OFFICE / CONTROL	PC	GR	RB	GR	GB	PT	WH	GB	PT	WH	GB	PT	WH	GB	PT	WH	GB	PT	WH			
110	LOBBY	PC	GR	RB	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR			
111	ELEV. EQ.	SC	GR	RB	GR	CONC	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	CONC	PT	GR			
113	RESTROOM	EP	GR	RB	GR	CONC	PT	WH	GB	PT	WH	GB	PT	WH	GB	PT	WH	GB	PT	WH			
114	WASH ROOM	EP	GR	RB	GR	CONC	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR			
116	STAIRWELL #1	SC	GR	RB	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR			
116	STAIRWELL #2	SC	GR	RB	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR	GB	PT	GR			

ROOM FINISH SCHEDULE	2
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<b>FLOOR</b>
SC SEALED CONCRETE
PC POLISHED CONCRETE
EP EPOXY OVER CONCRETE
<b>BASE</b>
RB 4" RUBBER BASE
<b>WALL</b>
CONC. CONCRETE
GB GYPSUM BOARD
FRP FIBERGLASS REINFORCED PANEL
EP EPOXY PAINT
PT PAINT
<b>CEILING</b>
AC ACOUSTIC CEILING LAY-IN
EP EPOXY PAINT ON GYPSUM BOARD
M BY MANUFACTURER
EXP EXPOSED
<b>COLOR</b>
GR GRAY

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TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
SQUARE [1] DESIGN GROUP

REVIEWED BY: _____ DATE: _____ 20__	REFERENCE: _____
REVIEWED BY: _____ DATE: _____ 20__	DATE: _____ 20__ COMPUTER FILE NAME: _____
REVIEWED BY: _____ DATE: _____ 20__	SUBMITTED BY: _____ SP-FILE NO: _____
	SELM EREN, P.E. 2456
	APPROVED BY: _____ DATE: _____ 20__
	RICK VALTE, P.E. - CITY ENGINEER

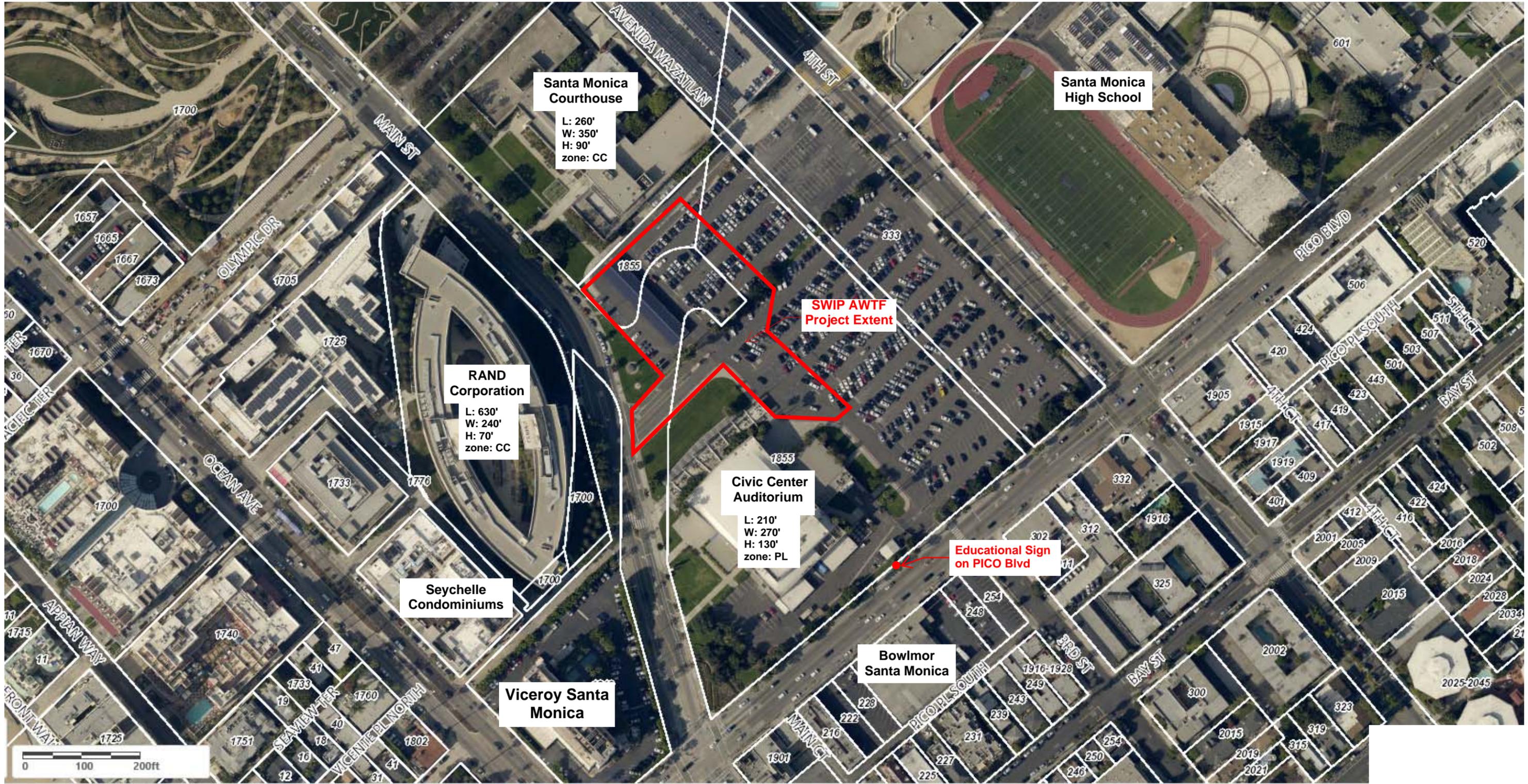
SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER  
DETAILS & SCHEDULES**

PROJECT AND SHEET TITLE

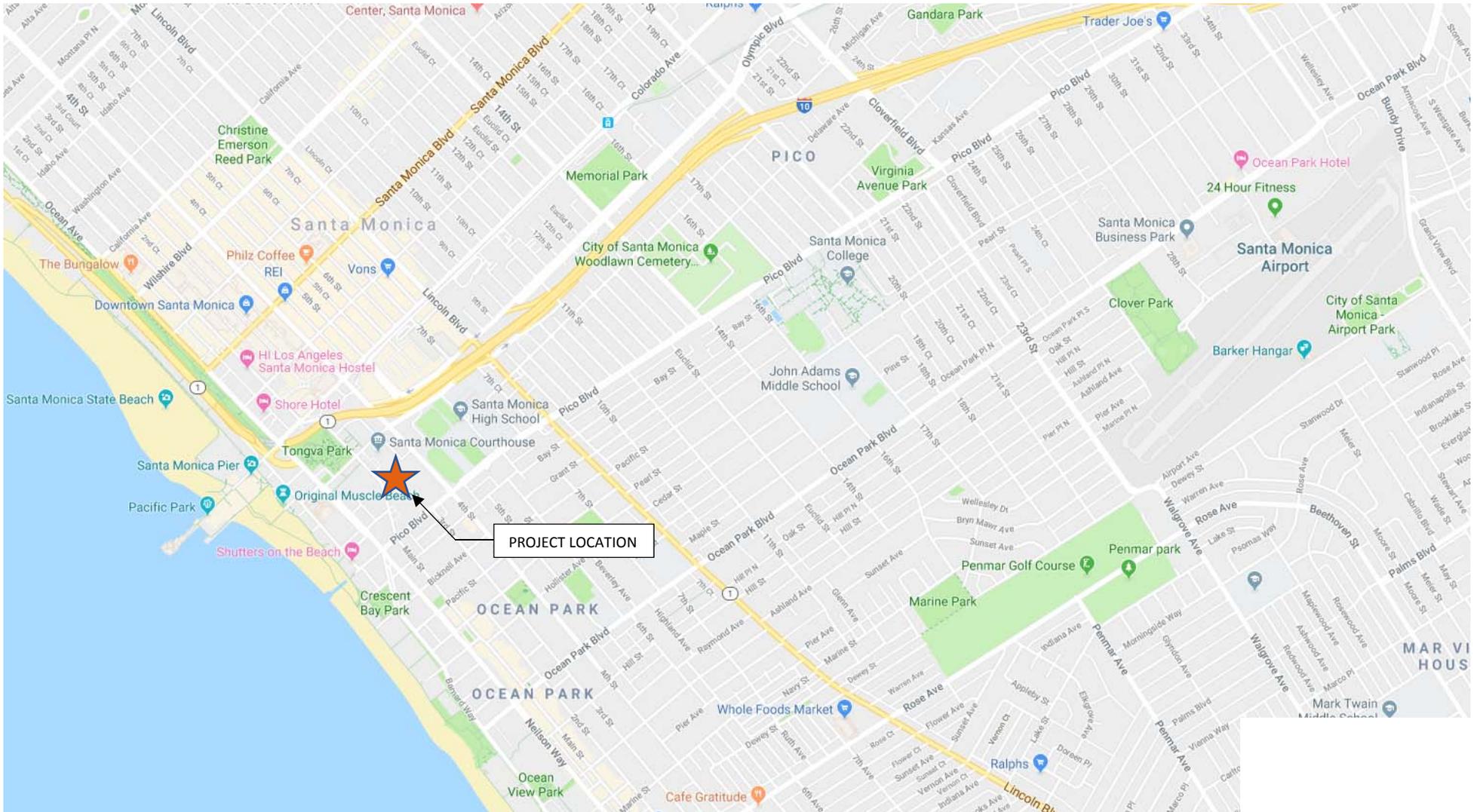
DESIGNED BY: Designer
DRAWN BY: Author
CHECKED BY: Checker
CONSULTANT JOB SHEET NO: A40-08
DRAWING NO: U3306
SHT OF SHTS

# SITE MAP



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# PROJECT VICINITY MAP



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City of  
**Santa Monica**



# SITE PHOTOS

**SUSTAINABLE WATER INFRASTRUCTURE PROJECT**





① Southwest view from Civic Center Dr



② Northwest view from Project Site to Courthouse

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③ Northeast view from Project Site



④ Southeast view from Project Site

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⑤ Southwest view from Project Site



⑥ South view to Santa Monica Civic Auditorium

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⑦ North view to Project Site



⑧ Northeast view from Main Street to Courthouse

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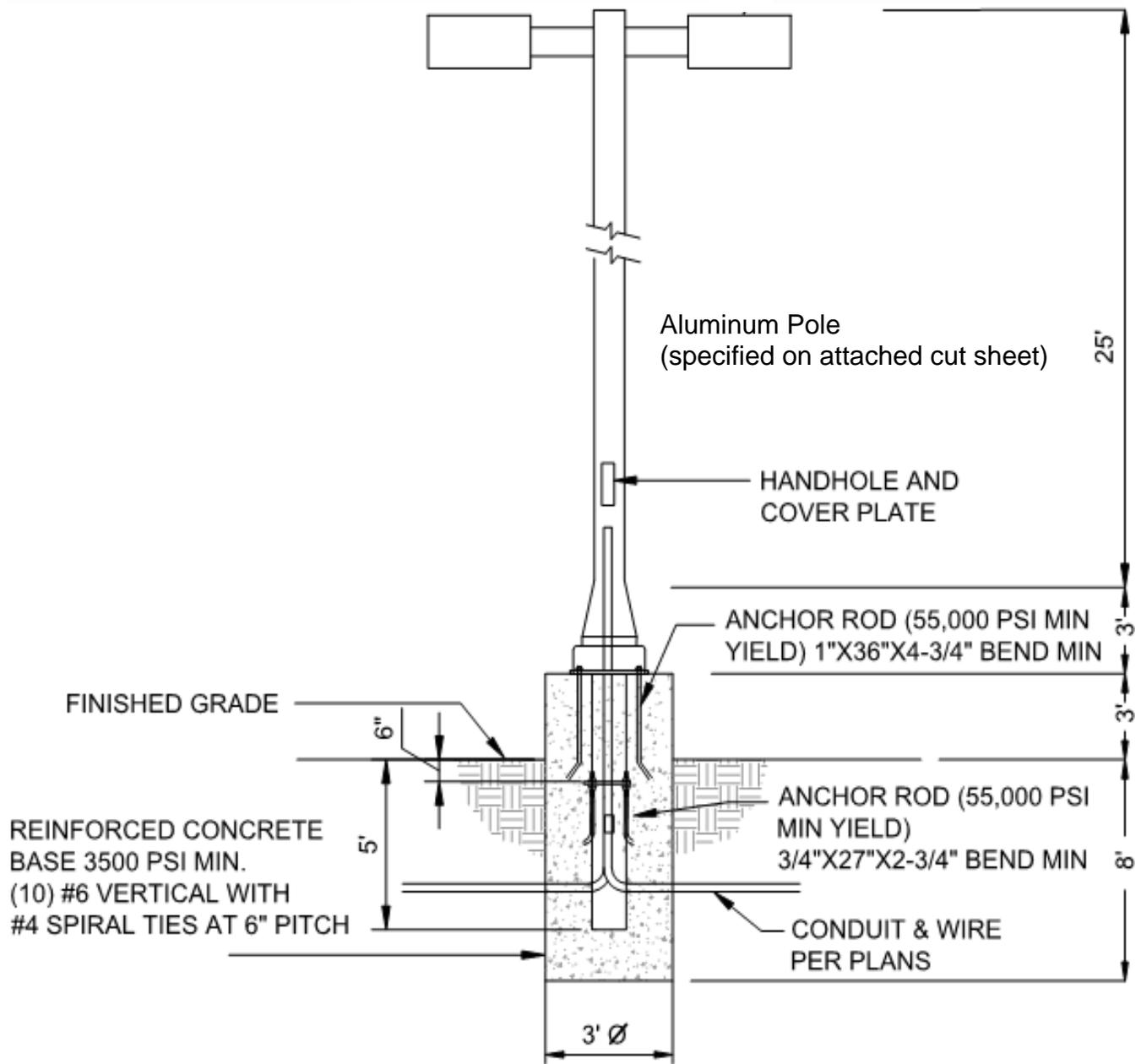


City of  
**Santa Monica**



# LIGHT POLES DETAILS

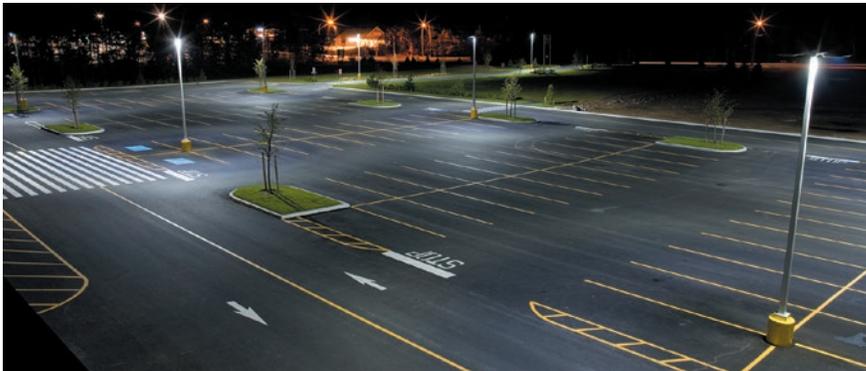
**SUSTAINABLE WATER INFRASTRUCTURE PROJECT**



1 LIGHT POLE DETAIL  
 N.T.S.

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## XSP Series Area



XSP1™ Area



XSP2™ Area



## MAKING THE SWITCH TO LED LIGHTING IS AN EASY DECISION.

Designed to replace up to 400W metal halide pole-mounted area lights, the Cree XSP Series Area light provides an excellent alternative to traditional HID lighting with superior optical control to put the light exactly where it needs to go. The XSP Area leverages Cree's innovative technology, developed for the industry-leading XSP Series street lights, offering customers a premier area lighting solution covered by a 10-year limited warranty.

### BENEFITS

- Improved illumination performance
- Significant energy and maintenance savings
- Eliminate the relamping cycle
- Field Adjustable Output option for increased flexibility
- 10-year limited warranty

### FEATURES

- Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K)
- CCT: 3000K (+/-300K), 4000K (+/-300K), 5700K (+/-500K)
- NanoOptic® Precision Delivery Grid™ optic
- Exclusive Colorfast DeltaGuard® Finish

### APPLICATIONS

- Airport, auto dealership, corporate & office, education, government, healthcare, industrial & warehouse, municipal, parking, pedestrian, petroleum & convenience stores, recreation & public venues, restaurants & hospitality, retail & grocery

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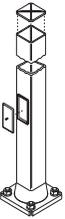
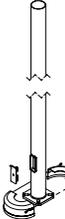
# XSP Series Area

## Ordering Information

Example: BXSP-B-HT-2ME-A-40K-UL-SV

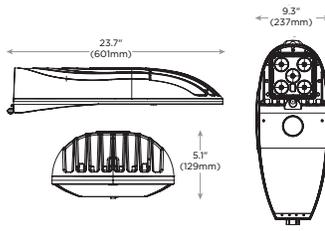
PRODUCT	VERSION	MOUNTING	OPTIC	INPUT POWER DESIGNATOR	CCT	VOLTAGE	COLOR OPTIONS	OPTIONS
BXSP	B C	HT Horizontal Tenon	2ME* Type II Medium 2LG* Type II Long 3ME* Type III Medium 4ME* Type IV Medium 5ME Type V Medium 5SH Type V Short	A 53W (XSP1, B) B 101W (XSP2, B) E 101W (XSP1, C) F 139W (XSP2, C)	30K 3000K 40K 4000K 57K 5700K	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver	ML Multi-Level N Utility Label and NEMA® Photocell Receptacle O9 Field Adjustable Output R NEMA® Photocell Receptacle

## Poles & Tenon Options

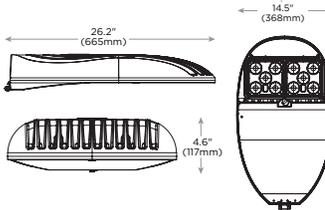
POLE SPECIFICATION	HORIZONTAL TENON OPTIONS
 <p><b>PS</b> Crown-Weld® Square Straight Steel Poles</p>	<p>* Specify mounting configuration</p>  <p><b>PD-H4</b> Square Internal Mount Mounts to 4" (102mm) square aluminum or steel poles</p>  <p><b>PT-H</b> Round External Mount Mounts to 2-3/8 - 3" (60 - 76mm) round aluminum or steel poles</p>  <p><b>WM-2L</b> Wall Mount</p>  <p><b>XA-TMDA8</b> Direct Arm Pole Adaptor Bracket Mounts to 3 - 6" (76 - 152mm) round or square aluminum or steel poles</p>
 <p><b>PS5R</b> Round Steel Poles</p>	
 <p><b>PSRV</b> Round Tapered Steel Poles</p>	

## Dimensions

### XSP1™ (SINGLE-MODULE)



### XSP2™ (DOUBLE-MODULE)



## Accessory Information

BIRD SPIKE OPTIONS*	BACKLIGHT CONTROL SHIELD OPTIONS	FOUR POINT MOUNTING KIT
 <p><b>XA-SP1BRDSPK</b> (single-module) <b>XA-SP2BRDSPK</b> (double-module)</p>	<p>Provides 1/2 Mounting Height Cutoff</p> <p><b>XA-SP1BLS</b> (for use with single-module) <b>XA-SP2BLS</b> (for use with double-module)</p>	<p><b>XA-XSP4PTMNT</b></p> <p>Includes large bracket for mounting to 2" (51mm) IP, 2.375" (60mm) O.D. tenon, small bracket for mounting to 1.25" (32mm) IP, 1.66" (42mm) O.D. tenon and mounting bolts</p>

## You May Also Be Interested In:



**OSQ SERIES AREA**  
Low-Profile Area Lighting Solutions



**XSP SERIES WALL PACK**  
Affordable Site Lighting Solutions



**DPT SERIES POST-TOP LUMINAIRE**  
Easily Convert Decorative Street Lights to LED

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# XSP Series

XSP2™ LED Street/Area Luminaire – Double Module – Version C

## Product Description

Designed from the ground up as a totally optimized LED street and area lighting system, the XSP Series delivers incredible efficiency without sacrificing application performance. Beyond substantial energy savings and reduced maintenance, Cree achieves greater optical control with our NanoOptic® Precision Delivery Grid™ optic when compared to traditional cobra head luminaires. The XSP Series is the better alternative for traditional street and area lighting with quick payback and improved performance.

**Applications:** Roadway, parking lots, walkways and general area spaces

## Performance Summary

NanoOptic® Precision Delivery Grid™ optic

Made in the U.S.A. of U.S. and imported parts

**CRI:** Minimum 70 CRI

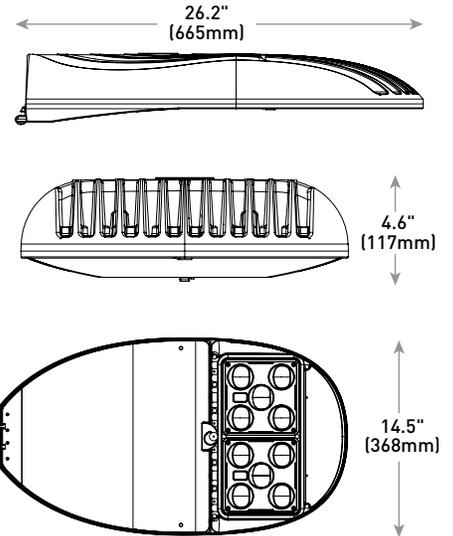
**CCT:** 3000K (+/- 300K); 4000K (+/- 300K); 5700K (+/- 500K)

**Limited Warranty\*:** 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

\*See <http://lighting.cree.com/warranty> for warranty terms

## Accessories

Field-Installed	
<b>Backlight Control Shield</b> XA-SP2BLS - Provides 1/2 mounting height cutoff	<b>Bird Spikes</b> XA-SP2BRDSPK



Weight
24 lbs. (11kg)

## Ordering Information

Example: BXSP-C-HT-2ME-F-30K-UL-SV

BXSP	C	HT		F				
Product	Version	Mounting	Optic	Input Power Designator	CCT	Voltage	Color Options	Options
BXSP	C	HT Horizontal Tenon	2ME* Type II Medium 2LG* Type II Long 3ME* Type III Medium 4ME* Type IV Medium	F 139W	30K 3000K 40K 4000K 57K 5700K	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver	<b>N-Q9 Utility Label and NEMA® Photocell Receptacle</b> - External wattage label per ANSI C136.15 - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Photocell and shorting cap by others - Includes Q9 option - Refer to Field Adjustable Output spec sheet for details <b>Q9 Field Adjustable Output</b> - Refer to Field Adjustable Output spec sheet for details <b>R NEMA® Photocell Receptacle</b> - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Photocell and shorting cap by others

\* Available with Backlight Shield when ordered with field-installed accessory (see table above)  
 NOTE: Price adder may apply depending on configuration

Rev. Date: V6 08/24/2016

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US: [lighting.cree.com/lighting](http://lighting.cree.com/lighting)

T (800) 236-6800 F (262) 504-5415

Canada: [www.cree.com/canada](http://www.cree.com/canada)



T (800) 473-1234 F (800) 890-7507

**Product Specifications**

**CONSTRUCTION & MATERIALS**

- Die cast aluminum housing
- Tool-less entry
- Mounts on 1.25" [32mm] IP, 1.66" [42mm] O.D. or 2" [51mm] IP, 2.375" [60mm] O.D. horizontal tenon (minimum 8" [203mm] in length) and is adjustable +/- 5° to allow for fixture leveling (includes two axis T-level to aid in leveling)
- Luminaire secures with two mounting bolts
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze and silver are available
- **Weight:** 24 lbs. (11kg)

**ELECTRICAL SYSTEM**

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Class 1 driver
- Integral 10kV surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- Designed with 0-10V dimming capabilities. Controls by others
- **10V Source Current:** 0.15mA

**REGULATORY & VOLUNTARY QUALIFICATIONS**

- cULus Listed
- Suitable for wet locations
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- Meets CALTrans 611 Vibration testing
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- DLC qualified. Exceptions apply when N-Q9 or Q9 (select adjustments) options are ordered. Please refer to [www.designlights.org/QPL](http://www.designlights.org/QPL) for most current information
- RoHS compliant. Consult factory for additional details
- Dark Sky Friendly, IDA Approved when ordered with 30K CCT. Please refer to <http://darksky.org/fsa/fsa-products/> for most current information

Electrical Data*								
Input Power Designator	System Watts 120-277V	System Watts 347-480V	Total Current (A)					
			120V	208V	240V	277V	347V	480V
F	139	135	1.22	0.68	0.59	0.52	0.40	0.29

\* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

Recommended XSP Series Version C Luminaire Lumen Maintenance Factors (LMF) <sup>1</sup>						
Ambient	Input Power Designator	Initial LMF	25K hr Projected <sup>2</sup> LMF	50K hr Projected <sup>2</sup> LMF	75K hr Calculated <sup>3</sup> LMF	100K hr Calculated <sup>3</sup> LMF
5°C (41°F)	F	1.04	0.97	0.91	0.85	0.80
10°C (50°F)	F	1.03	0.96	0.90	0.84	0.79
15°C (59°F)	F	1.02	0.95	0.89	0.83	0.78
20°C (68°F)	F	1.01	0.94	0.88	0.82	0.77
25°C (77°F)	F	1.00	0.93	0.87	0.81	0.76

<sup>1</sup> Lumen maintenance values at 4000K and 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing

<sup>2</sup> In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ([DUT] i.e. the packaged LED chip)

<sup>3</sup> In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ([DUT] i.e. the packaged LED chip)

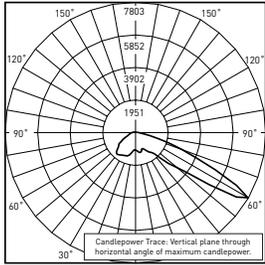
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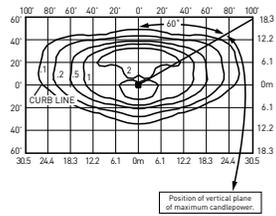
**Photometry**

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: <http://lighting.cree.com/products/outdoor/street-and-roadway/xsp-series-1>

**2ME**



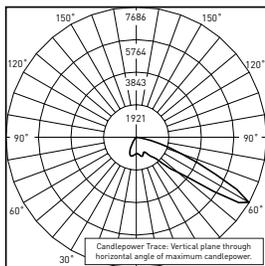
**RESTL Test Report #: PL06675-001**  
**BXSP-C-\*\*-2ME-E-40K-UL**  
**Initial Delivered Lumens: 8,850**



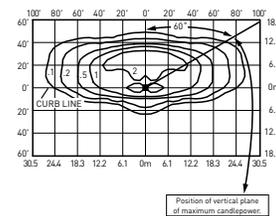
**BXSP-C-\*\*-2ME-F-30K-UL**  
**Mounting Height: 25' (7.6m) A.F.G.**  
**Initial Delivered Lumens: 11,256**  
**Initial FC at grade**

Type II Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,256	B2 U0 G2	13,732	B2 U0 G2	14,408	B3 U0-G2

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens  
 \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt



**RESTL Test Report #: PL06675-002**  
**BXSP-C-\*\*-2ME-E-40K-UL w/XA-SP1BLS**  
**Initial Delivered Lumens: 7,078**

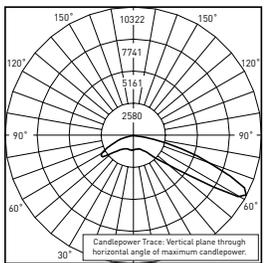


**BXSP-C-\*\*-2ME-F-30K-UL w/XA-SP2BLS**  
**Mounting Height: 25' (7.6m) A.F.G.**  
**Initial Delivered Lumens: 9,543**  
**Initial FC at grade**

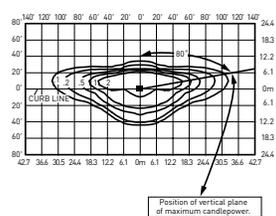
Type II Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	9,543	B1 U0 G2	11,643	B2 U0 G2	12,215	B2 U0 G2

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens  
 \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt

**2LG**



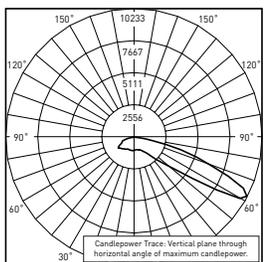
**CESTL Test Report #: PL04154-001**  
**BXSP-C-\*\*-2LG-E-30K-UL**  
**Initial Delivered Lumens: 6,944**



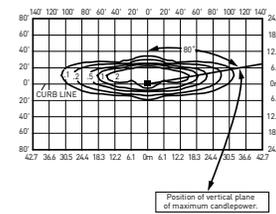
**BXSP-C-\*\*-2LG-F-30K-UL**  
**Mounting Height: 25' (7.6m) A.F.G.**  
**Initial Delivered Lumens: 11,134**  
**Initial FC at grade**

Type II Long Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,134	B2 U0 G2	13,583	B3 U0 G3	14,251	B3 U0 G3

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens  
 \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt



**CESTL Test Report #: PL04155-001**  
**BXSP-C-\*\*-2LG-E-30K-UL w/XA-SP1BLS**  
**Initial Delivered Lumens: 5,302**



**BXSP-C-\*\*-2LG-F-30K-UL w/XA-SP2BLS**  
**Mounting Height: 25' (7.6m) A.F.G.**  
**Initial Delivered Lumens: 8,197**  
**Initial FC at grade**

Type II Long w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	8,197	B1 U0 G2	10,001	B2 U0 G2	10,493	B2 U0 G2

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens  
 \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt

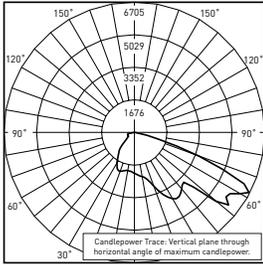
ISSUED FOR PERMIT



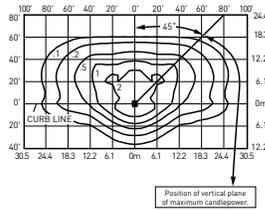
**Photometry**

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: <http://lighting.cree.com/products/outdoor/street-and-roadway/xsp-series-1>

**3ME**



**CESTL Test Report #:** PL04093-001  
**BXSP-C-\*\*-3ME-F-30K-UL**  
**Initial Delivered Lumens:** 10,671

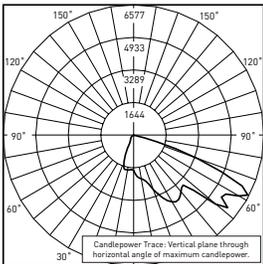


**BXSP-C-\*\*-3ME-F-30K-UL**  
**Mounting Height:** 25' (7.6m) A.F.G.  
**Initial Delivered Lumens:** 11,011  
 Initial FC at grade

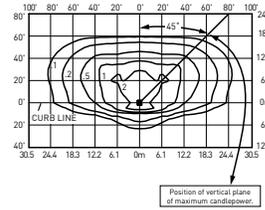
Type III Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,011	B2 U0 G2	13,434	B3 U0 G2	14,095	B3 U0 G2

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt



**CESTL Test Report #:** PL04094-001  
**BXSP-C-\*\*-3ME-F-30K-UL w/XA-SP2BLS**  
**Initial Delivered Lumens:** 9,009



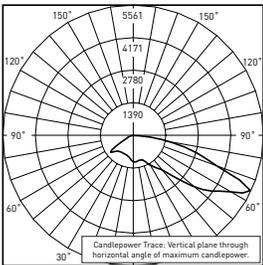
**BXSP-C-\*\*-3ME-F-30K-UL w/XA-SP2BLS**  
**Mounting Height:** 25' (7.6m) A.F.G.  
**Initial Delivered Lumens:** 9,176  
 Initial FC at grade

Type III Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	9,176	B2 U0 G2	11,195	B2 U0 G2	11,746	B2 U0 G2

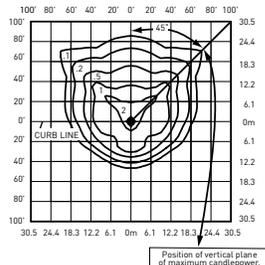
\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt

**4ME**



**CESTL Test Report #:** PL04091-001  
**BXSP-C-\*\*-4ME-E-30K-UL**  
**Initial Delivered Lumens:** 6,923

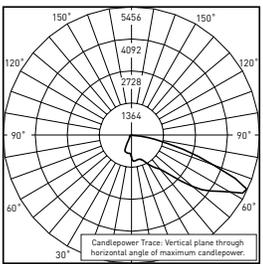


**BXSP-C-\*\*-4ME-F-30K-UL**  
**Mounting Height:** 25' (7.6m) A.F.G.  
**Initial Delivered Lumens:** 11,134  
 Initial FC at grade

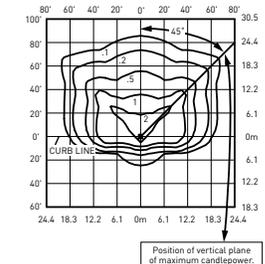
Type IV Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,134	B2 U0 G2	13,583	B3 U0 G3	14,251	B3 U0 G3

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt



**CESTL Test Report #:** PL04092-001  
**BXSP-C-\*\*-4ME-E-30K-UL w/XA-SP1BLS**  
**Initial Delivered Lumens:** 5,530



**BXSP-C-\*\*-4ME-F-30K-UL w/XA-SP2BLS**  
**Mounting Height:** 25' (7.6m) A.F.G.  
**Initial Delivered Lumens:** 8,687  
 Initial FC at grade

Type IV Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	8,687	B1 U0 G2	10,598	B2 U0 G2	11,119	B2 U0 G2

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt

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**Luminaire EPA**

Horizontal Tenon Mount – Weight: 24 lbs. (11kg)				
Single	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
Tenon Configuration If used with Cree tenons, please add tenon EPA with luminaire EPA				
				
PD-1H4; PT-1H	PD-2H4(90); PT-2H(90)	PD-2H4(180); PT-2H(180)	PD-3H4(90); PT-3H(90)	PD-4H4(90); PT-4H(90)
0.69	1.14	1.38	1.83	2.28

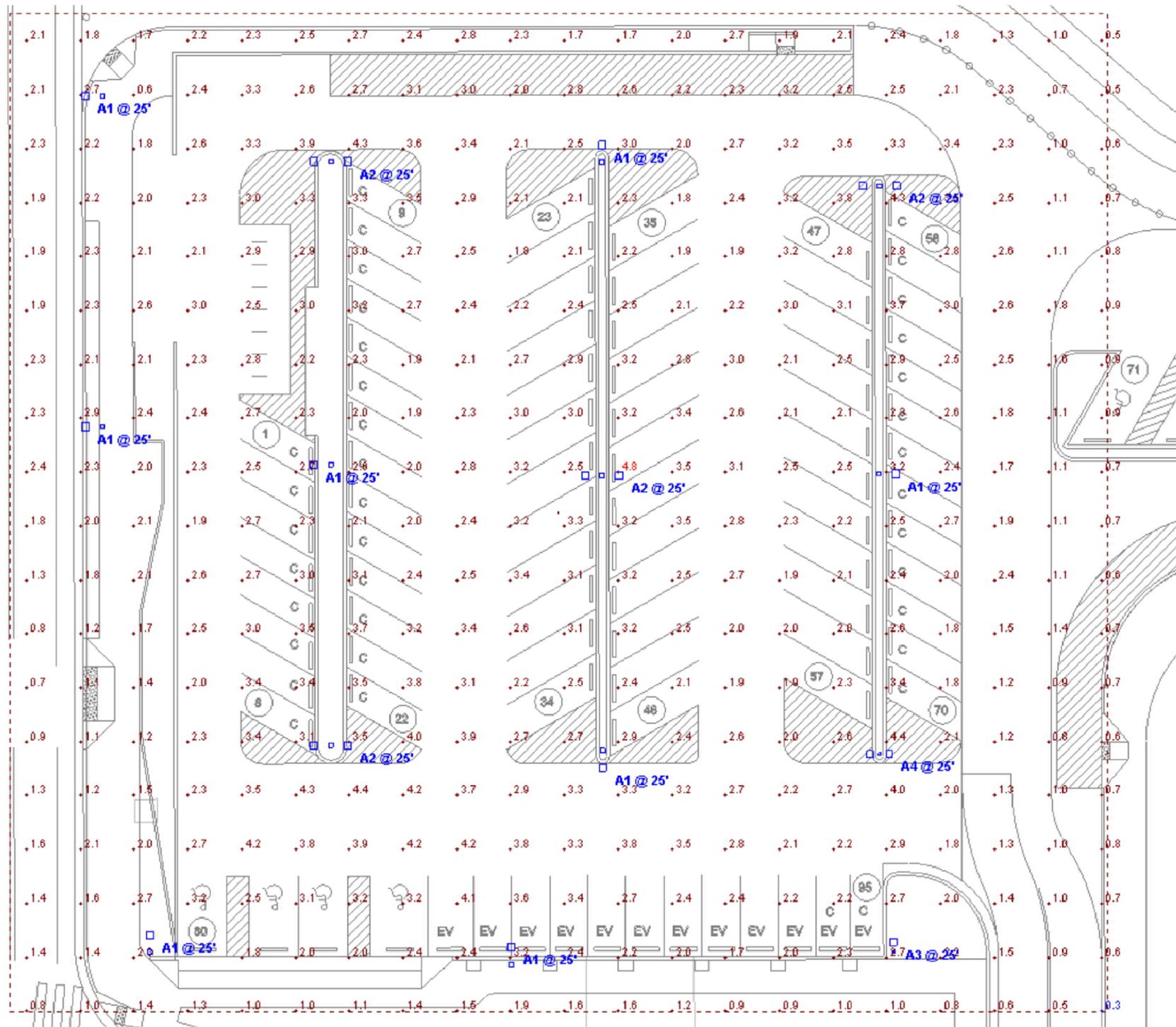
**Tenon EPA**

Part Number	EPA
PD Series Tenons	0.09
PT Series Tenons	0.10
WM-2L	0.13
XA-TMDA8	0.19

Tenons and Brackets* (must specify color)	
<p><b>Square Internal Mount Horizontal Tenons (Aluminum)</b>                      - Mounts to 4" (102mm) square aluminum or steel poles                      PD-1H4 – Single      PD-3H4(90) – 90° Triple                      PD-2H4(90) – 90° Twin      PD-4H4(90) – 90° Quad                      PD-2H4(180) – 180° Twin</p> <p><b>Wall Mount Brackets</b>                      - Mounts to wall or roof                      WM-2L – Extended Horizontal</p>	<p><b>Round External Mount Horizontal Tenons (Aluminum)</b>                      - Mounts to 2.375"-3" (60-76mm) O.D. round aluminum or steel poles or tenons                      - Mounts to 3" (76mm), 5" (127mm), or 6" (152mm) square pole with PB-1A* tenon                      PT-1H – Single      PT-3H(90) – 90° Triple                      PT-2H(90) – 90° Twin      PT-4H(90) – 90° Quad                      PT-2H(180) – 180° Twin</p> <p><b>Direct Arm Pole Adaptor Bracket</b>                      - Mounts to 3-6" (76-152mm) round or square aluminum or steel poles                      XA-TMDA8</p>

\* Refer to the [Bracket and Tenons spec sheet](#) for more details

\* Specify pole size: 3 (3"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 5 (5") or 6 (6") for quad luminaire orientation



PHOTOMETRIC PLAN

Schedule								
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lumens Per Lamp	Light Loss Factor	Wattage
□	A1	8	Cree Inc	BXSPCHT4MEF30K-UL	CONFIGURED FROM Cree XSP Series Area/Street Luminaire, Single Module, Type IV Medium, 3000K, E Input Power Designator	11134	0.8	139
○	A2	4	Cree Inc	BXSPCHT4MEF30K-UL	CONFIGURED FROM Cree XSP Series Area/Street Luminaire, Single Module, Type IV Medium, 3000K, E Input Power Designator	11134	0.8	278
□+	A3	1	Cree Inc	BXSP-C-xx-3ME-E-30K-UL	XSP LED Streetlight, Series C, Single Module, Type III Medium, 3000K CCT	7059	0.8	98.76
□+	A4	1	Cree Inc	BXSP-C-xx-3ME-E-30K-UL	XSP LED Streetlight, Series C, Single Module, Type III Medium, 3000K CCT	7059	0.8	197.52

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	2.3 fc	4.8 fc	0.3 fc	16.0:1	7.7:1

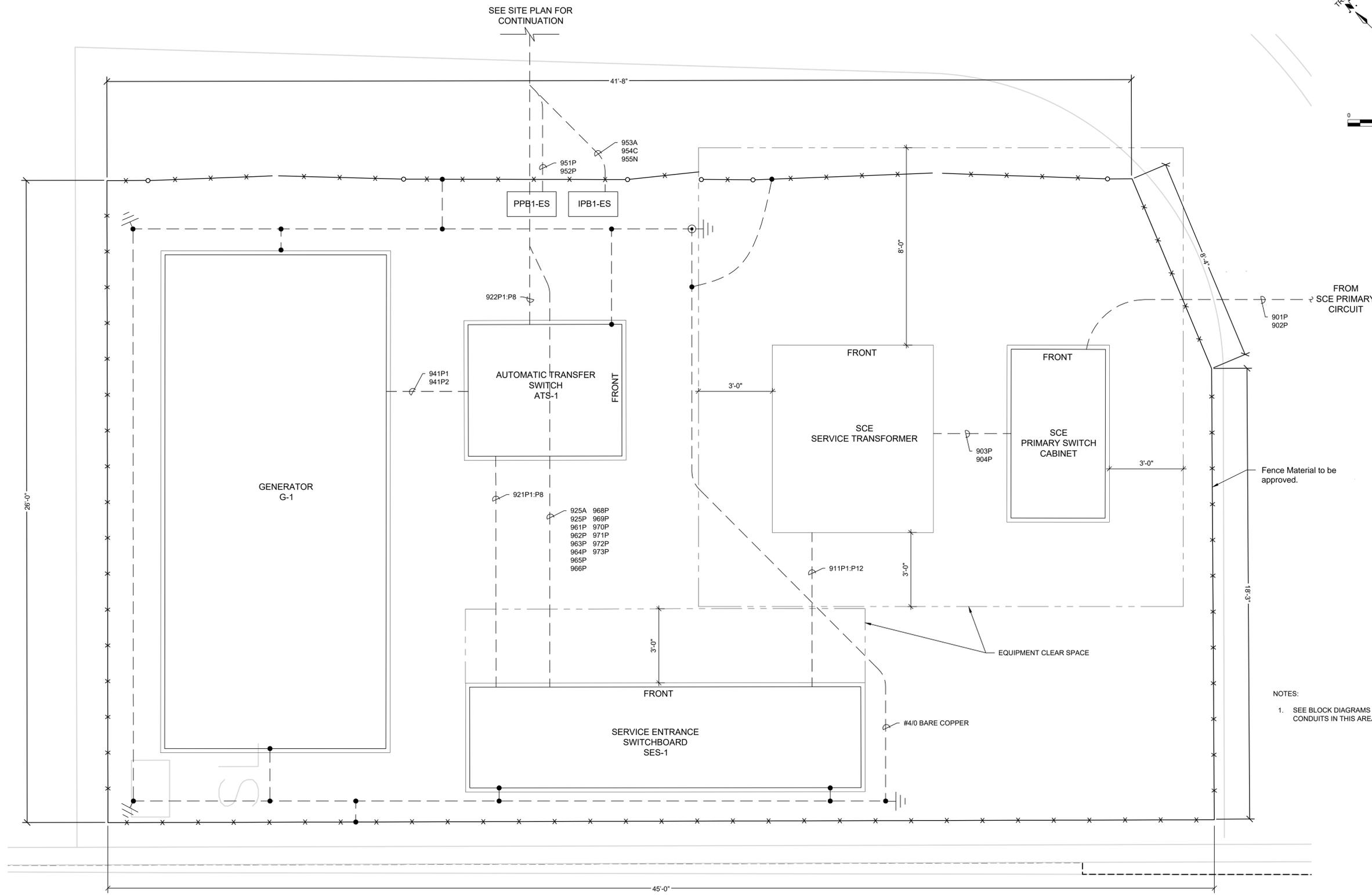
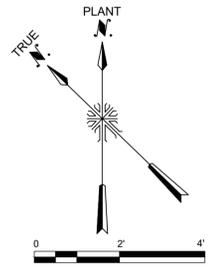


City of  
**Santa Monica**



# ELECTRICAL EQUIPMENT SCREENING

**SUSTAINABLE WATER INFRASTRUCTURE PROJECT**



NOTES:  
 1. SEE BLOCK DIAGRAMS FOR ADDITIONAL CONDUITS IN THIS AREA.

60% SUBMITTAL  
 DO NOT USE FOR  
 CONSTRUCTION

City of **Santa Monica**  
**PUBLIC WORKS DEPARTMENT**  
 1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
 TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED
REV C	5/17/19	AUS	60% ISSUED FOR REVIEW	
REV B	4/5/19	AUS	45% ISSUED FOR REVIEW	
REV A	3/06/19	AUS	30% ISSUED FOR REVIEW	

**Kiewit**  
**ARCADIS**  
 LEGAL ENTITY:  
 ARCADIS U.S., INC.  
 CONSULTANT

REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__
REVIEWED BY:	DATE: _____ 20__

REFERENCE:	DATE: _____ 20__	COMPUTER FILE NAME:
SUBMITTED BY:	SELIM EREN, P.E.	E00-10
SP-FILE NO.:	2456	
APPROVED BY:	RICK VALTE, P.E. - CITY ENGINEER	DATE: _____ 20__

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER  
 ELECTRICAL SERVICE EQUIPMENT  
 PARTIAL SITE PLAN**

PROJECT AND SHEET TITLE

DESIGNED BY:	T. KELLEY
DRAWN BY:	C. LANZEL
CHECKED BY:	J. SOKOL
CONSULTANT JOB SHEET NO.:	E00-10
DRAWING NO.:	U3806
SHT	X OF X SHTS

Perforated Fencing:

Ametco Polaris

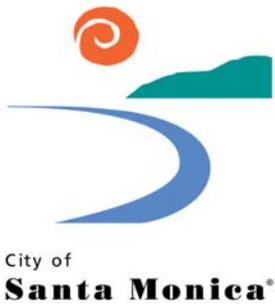
<https://www.ametco.com/products/perforated/>

Variety of colors including white, cream, gray (light and dark), blue, green, and red

Perforations can be slotted, rounded, or square and come in different sizes and shapes.

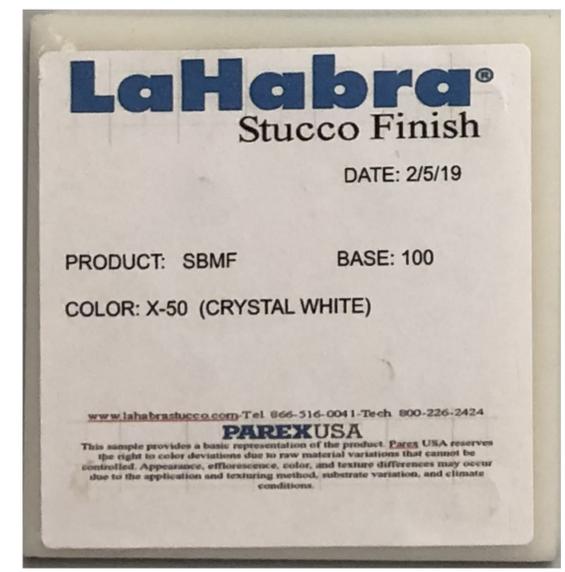
Can be 8' or taller (when properly designed)





# MATERIAL SELECTION

**SUSTAINABLE WATER INFRASTRUCTURE PROJECT**



**SOLARBAN® z50 (2) OPTIBLUE® + Clear Glass Insulating Glass Unit** S-42 4/18

VLT	Exterior Reflectance	Interior Reflectance	U-Value Imperial (Winter)		SHGC	LSG
			Air	Argon		
51%	8%	11%	0.29	0.24	0.32	1.59



**WALKER TEXTURES®**  
Nuance  
6 MM VITRE CLAIRE MOTIF 102  
6 MM CLEAR GLASS PATTERN 102  
1-888-320-3030 CL / 0098557

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CONSTRUCTION

**City of Santa Monica**  
**PUBLIC WORKS DEPARTMENT**  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
**perc water**  
Pure Genius  
SQUARE | CONSULTANT

REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

CITY CLIENTS

REFERENCE: \_\_\_\_\_

DATE: \_\_\_\_\_ 20\_\_

COMPUTER FILE NAME: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_

SELIM EREN, P.E. SP-FILE NO: 2456

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ 20\_\_

RICK VALTE, P.E. - CITY ENGINEER

CIVIL ENGINEERING DIVISION

SUSTAINABLE WATER INFRASTRUCTURE PROJECT

**CIVIC CENTER  
COLOR BOARD**

PROJECT AND SHEET TITLE

DESIGNED BY: Designer

DRAWN BY: Author

CHECKED BY: Checker

CONSULTANT JOB SHEET NO: A40-10

DRAWING NO: U3306

SHT OF SHTS

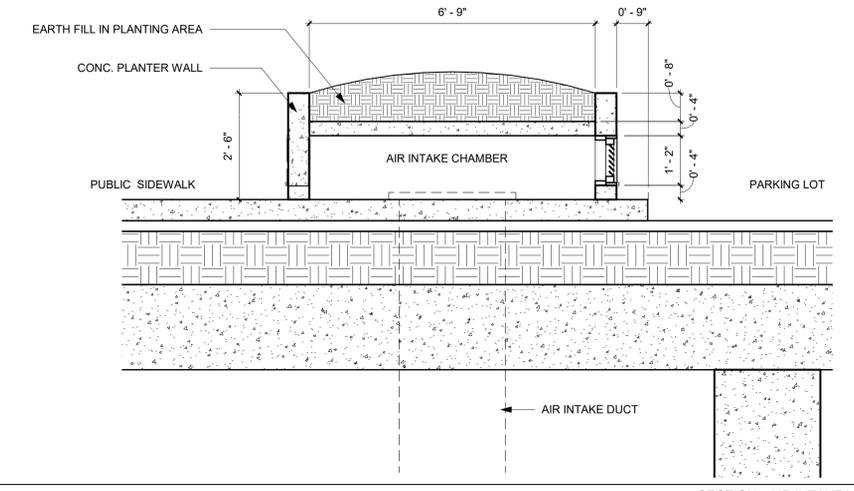


City of  
**Santa Monica**

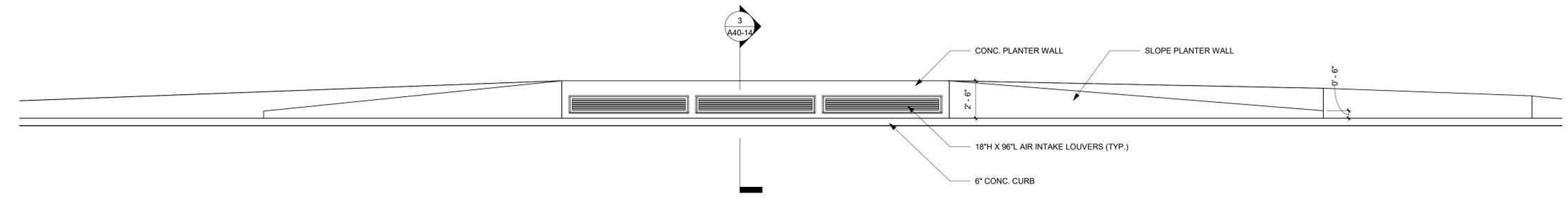


# PLANTER SECTIONS

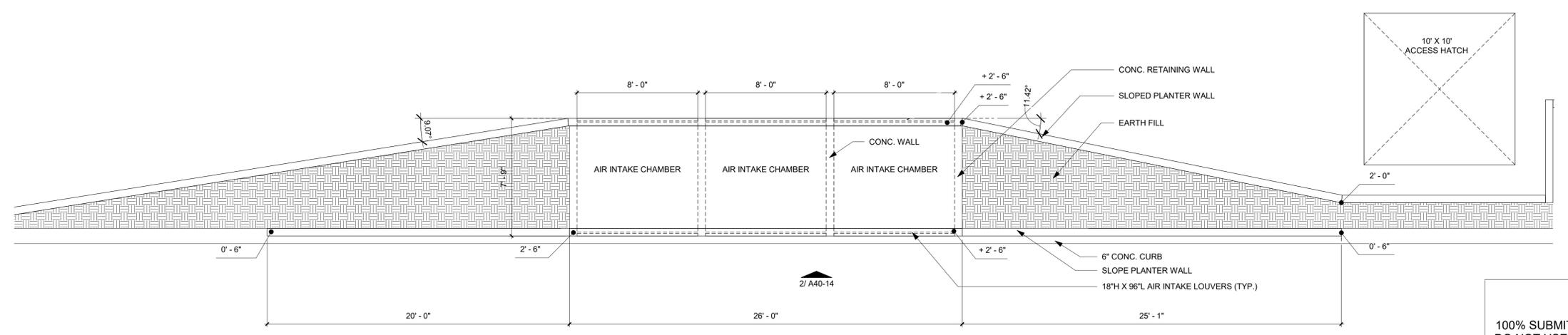
**SUSTAINABLE WATER INFRASTRUCTURE PROJECT**



SECTION - AIR INTAKE VENT AT PLANTER **3**  
1/2" = 1'-0"



PLANTER WALL AT INTAKE VENTS - ELEVATION **2**  
1/4" = 1'-0"



PLANTER WALLS AT INTAKE VENT - FLOOR PLAN **1**  
1/4" = 1'-0"

100% SUBMITTAL  
DO NOT USE FOR  
CONSTRUCTION

City of **Santa Monica**  
PUBLIC WORKS DEPARTMENT  
1437 4TH STREET, SUITE 300, SANTA MONICA, CA 90401  
TEL. (310) 458-8721 FAX. (310) 393-4425

NO.	DATE	BY	DESCRIPTION	APPROVED

**Kiewit**  
perewater  
Pure Genius  
SQUARE 11  
ARCHITECT | INTERIOR | PLANNING | DESIGN | CONSTRUCTION

REVIEWED BY:	DATE:	20__
REVIEWED BY:	DATE:	20__
REVIEWED BY:	DATE:	20__
CITY CLIENTS		

REFERENCE:	DATE:	20__
SUBMITTED BY:	COMPUTER FILE NAME:	
SELIM EREN, P.E.	SP-FILE NO:	2456
APPROVED BY:	DATE:	20__
RICK VALTE, P.E. - CITY ENGINEER		
CIVIL ENGINEERING DIVISION		

SUSTAINABLE WATER INFRASTRUCTURE PROJECT  
**CIVIC CENTER  
PLANTER WALL DETAILS**  
PROJECT AND SHEET TITLE

DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
CONSULTANT SHEET NO.:	A40-14
DRAWING NO.:	U3306
SHT	OF
SHTS	SHTS