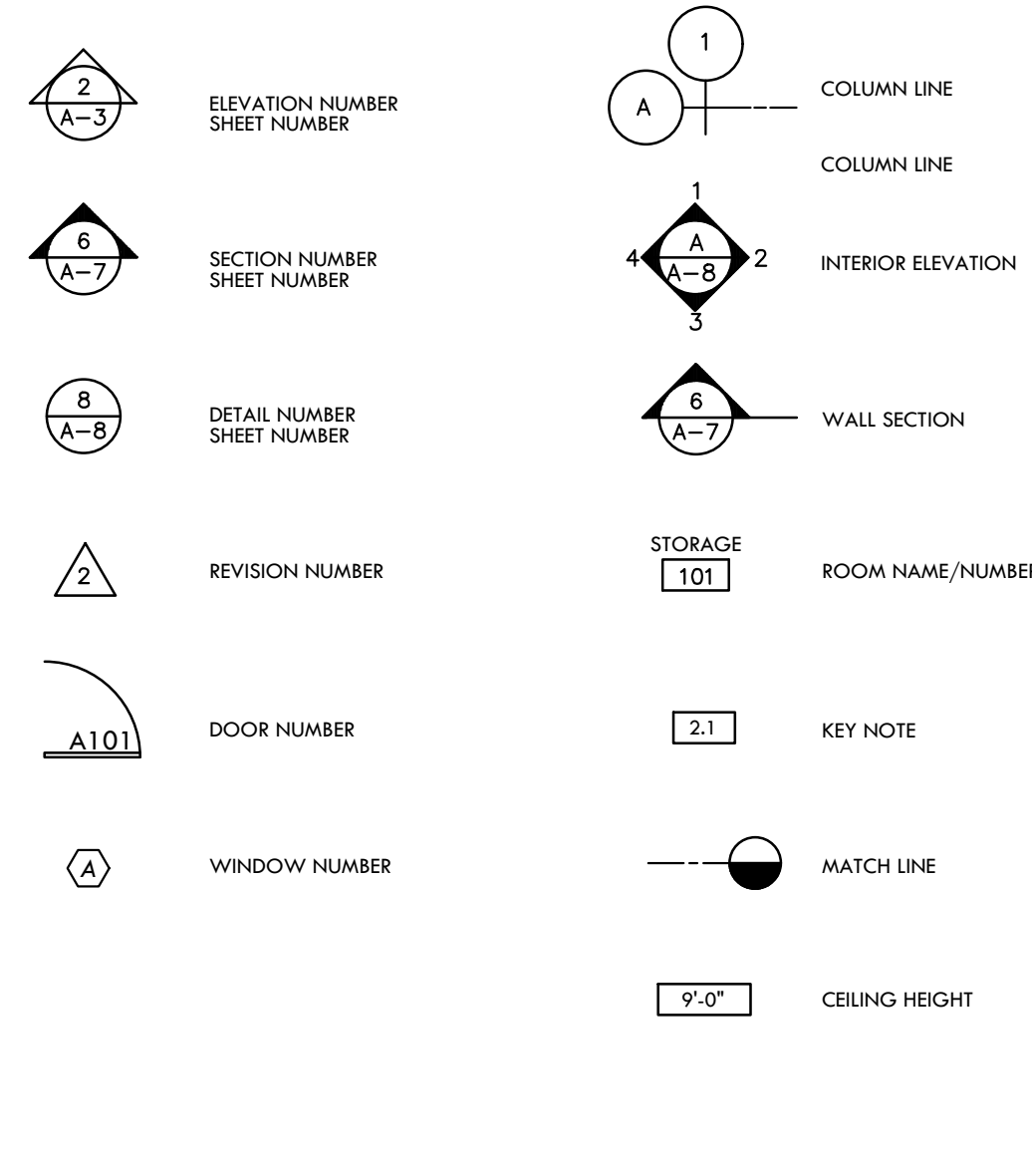


# RIVERWALK HOA AREA 7 SITE IMPROVEMENTS

## RIVERWALK HOA AREA 7 - RIVERSIDE, CALIFORNIA



### SYMBOLS

|         |                       |         |                  |         |                        |
|---------|-----------------------|---------|------------------|---------|------------------------|
| A.C.    | ASPHALT CONCRETE      | FURR.   | FURRING          | PT.     | PAINT                  |
| A.C.T.  | ACOUSTIC TILE         | FLASH.  | FLASHING         | P.L.    | PROPERTY LINE          |
| AC.PL.  | ACOUSTICAL PLASTER    | FT.     | FEET             | PRTN.   | PARTITION              |
| ADD.    | ADDENDUM              | FTG.    | FOOTING          | PL.     | PLATE                  |
| ADJ.    | ADJUSTABLE            | GA.     | GALUZE           | PLWD.   | PLYWOOD                |
| ADJ.C.  | ADJACENT              | GALV.   | GALVANIZED       | POL.    | POLISHED               |
| A.F.F.  | ABOVE FINISHED FLOOR  | G.I.    | GALVANIZED IRON  | PR.     | PAIR                   |
| ALT.    | ALTERNATE             | GL.     | GLASS            | PROP.   | PROPERTY               |
| AL.     | ALUMINUM              | GR.     | GRADE            | Q.T.    | QUARRY TILE            |
| APPROX. | APPROXIMATELY         | GRD.    | GROUND           | R.      | RADIUS                 |
| ASB.    | ASBESTOS              | GYP.    | GYPSPUM          | R.C.    | REINFORCED CONCRETE    |
|         |                       | G.B.    | GYPSPUM BOARD    | R.D.    | ROUND                  |
| BD.     | BOARD                 | H.B.    | HOSE BIBB        | R.D.    | ROUND                  |
| BLDG.   | BUILDING              | H.C.    | HOLLOW CORE      | R.D.    | ROUND                  |
| BLK.    | BLOCK                 | H.M.    | HOLLOW METAL     | RECT.   | RECTANGULAR            |
| BLKG.   | BLOCKING              | HORIZ.  | HORIZONTAL       | REF.    | REFERENCE              |
| BM.     | BEAM                  | H.P.T.  | HIGH POINT       | REGIS.  | REGISTER               |
| B.O.    | BOTTOM OF             | HR.     | HOUR             | REINF.  | REINFORCED             |
| BS.     | BOTTOM OF STEEL       | HT.     | HEIGHT           | REQ.    | REQUIRED               |
| C.P.T.  | CARPET                | HTG.    | HEATING          | RESIL.  | RESILIENT              |
| C.A.B.  | CATCH BASIN           | HWD.    | HARDWOOD         | RET.    | RETAINING              |
| C.C.    | CENTER TO CENTER      | HWR.    | HARDWARE         | REV.    | REVISION               |
| CEM.    | CEMENT                | I.D.    | INSIDE DIAMETER  | RFG.    | ROOFING                |
| CEM.PL. | CEMENT PLASTER        | INFO.   | INFORMATION      | RM.     | ROOM                   |
| C.T.    | CERAMIC TILE          | INT.    | INTERIOR         | R.O.    | ROUGH OPENING          |
| C.F.    | CURE FACE             | INSUL.  | INSULATION       | RUB.    | RUBBER                 |
| C.I.    | CAST IRON             | INV.    | INVERT           | S.C.    | SOLID CORE             |
| C.J.    | CONSTRUCTION JOINT    | ISOL.   | ISOLATION        | S.D.    | STORM DRAIN            |
| C.L.    | CHAIN LINK            | JAN.    | JANITOR          | SCHED.  | SCHEDULE               |
| CLG.    | CEILING               | J.T.    | JOINT            | SECT.   | SECTION                |
| CLR.    | CLEAR                 | LAB.    | LABORATORY       | SHT.    | SHEET                  |
| C.O.    | CLEANOUT              | LAM.    | LAMINATED        | S.J.    | SEPARATION JOINT       |
| COL.    | COLUMN                | LB.     | POUNDS           | SM.     | SMOOTH                 |
| COMP.   | COMPOSITION           | LAV.    | LAVATORY         | SM.PL.  | SMOOTH PLASTER         |
| CMU.    | CONCRETE MASONRY UNIT | LT.     | LIGHT            | SPEC.   | SPECIFICATIONS         |
| CONC.   | CONCRETE              | LT.WT.  | LIGHT WEIGHT     | STL.    | STEEL                  |
| CORR.   | CORRIDOR              | LPT.    | LOW POINT        | SS.     | STAINLESS STEEL        |
| CONT.   | CONTINUOUS            | MACH.   | MACHINE          | STAT.   | STATIONARY             |
| CL      | CENTERLINE            | MAINT.  | MAINTENANCE      | STOR.   | STORAGE                |
| CU.     | COPPER                | MFR.    | MANUFACTURER     | STD.    | STANDARD               |
|         |                       | M.H.    | MANHOLE          | STRUCT. | STRUCTURAL             |
| DET.    | DETAIL                | MATL.   | MATERIAL         | SQ.     | SQUARE                 |
| DSP.    | DRY STANDPIPE         | MAX.    | MAXIMUM          | SUSP.   | SUSPENDED              |
| DIA.    | DIAMETER              | MCH.    | MECHANICAL       | SYM.    | SYMMETRICAL            |
| DIM.    | DIMENSION             | MEMB.   | MEMBRANE         | T.CR.   | TOP OF CRICKET         |
| DIV.    | DIVISION              | MTL.    | METAL            | TEL.    | TELEPHONE              |
| DOC.S.  | DOCUMENTS             | MISC.   | MISCELLANEOUS    | TEMP.   | TEMPERED               |
| DN.     | DOWN                  | M.O.    | MASONRY OPENING  | TERR.   | TERRAZZO               |
| DR.     | DOOR                  | MTD.    | MOUNTED          | THLD.   | THRESHOLD              |
| D.S.    | DOWNSPOUT             | NAT.    | NATURAL          | THERM.  | THERMOSTAT             |
| DWGS.   | DRAWINGS              | NAT.GR. | NATURAL GRADE    | THK.    | THICK                  |
|         |                       | N.L.C.  | NOT IN CONTRACT  | T.O.    | TOP OF                 |
| EA.     | EACH                  | NO.     | NUMBER           | T.P.    | TOP OF PARAPET         |
| E.J.    | EXPANSION JOINT       | NO.H.   | NOMINAL          | T.R.    | TOP OF ROOFING         |
| E.P.    | ELECTRIC PANEL        | N.L.S.  | NOT TO SCALE     | T.S.    | TOP OF STEEL           |
| EL.     | ELEVATION             | O.A.    | OVERALL          | T.W.    | TOP OF WALL            |
| ELECT.  | ELECTRIC              | O.C.    | ON CENTER        | TYP.    | TYPICAL                |
| ENAM.   | ENAMEL                | O.D.    | OUTSIDE DIAMETER | UN.O.   | UNLESS NOTED OTHERWISE |
| E.W.C.  | ELECTRIC WATER COOLER | O.D.    | OVERFLOW DRAIN   | VAR.    | VARIES                 |
| EQ.     | EQUAL                 | O.F.    | OUTSIDE FACE     | VER.    | VERIFY                 |
| EXIST.  | EXISTING              | OPG.    | OPENING          | VERT.   | VERTICAL               |
| EXP.    | EXPANDED              | OPP.    | OPPOSITE         | VEST.   | VESTIBULE              |
| EXPAN.  | EXPANSION             |         |                  | V.T.    | VINYL TILE             |
| EXT.    | EXTERIOR              |         |                  | W/      | WITH                   |
|         |                       |         |                  | WAIN.   | WAINSCOT               |
| F.D.    | FLOOR DRAIN           |         |                  | W.C.    | WATER CLOSET           |
| FLUOR.  | FLUORESCENT           |         |                  | WD.     | WOOD                   |
| F.S.    | FACE OF STUDS         |         |                  | WG.     | WIRE GLASS             |
| F.F.    | FINISHED FLOOR        |         |                  | WIND.   | WINDOW                 |
| F.O.F.  | FACE OF FINISH        |         |                  | W/O     | WITH OUT               |
| F.G.    | FINISH GRADE          |         |                  |         |                        |
| F.O.M.  | FACE OF MASONRY       |         |                  |         |                        |
| F.O.C.  | FACE OF CONCRETE      |         |                  |         |                        |
| F.H.C.  | FIRE HOSE CABINET     |         |                  |         |                        |
| F.O.S.  | FACE OF STUD          |         |                  |         |                        |
| FL.     | FLOOR                 |         |                  |         |                        |
| F.S.    | FLOOR SINK            |         |                  |         |                        |

### ABBREVIATIONS

- THESE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL, ELECTRICAL SYSTEMS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. DECISIONS OF THE ARCHITECT AS TO THE ITEMS OF WORK INCLUDED WITHIN THE SCOPE OF THESE DOCUMENTS SHALL BE FINAL AND BINDING TO THE CONTRACTOR AND THE OWNER.
- ALL CONSTRUCTION AND MATERIALS SHALL BE AS SPECIFIED AND AS REQUIRED BY THE CURRENT EDITION OF THE C.B.C., LOCAL CODES AND AUTHORITIES. ALL NEW CONSTRUCTION SHALL COMPLY WITH TITLE 24, AND ADA REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF THE BUILDING ON THE SITE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE SPECIFICATIONS OR DRAWINGS, OR IN THE WORK DONE BY OTHERS FROM THE CONTRACT DOCUMENT THAT AFFECT ANY WORK, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTIONS ON HOW TO PROCEED. IF THE CONTRACTOR PROCEEDS WITH THE WORK AFFECTED WITHOUT INSTRUCTIONS FROM THE ARCHITECT, THE CONTRACTOR SHALL MAKE GOOD ANY RESULTING DAMAGE OR DEFECT TO THE SATISFACTION OF THE ARCHITECT. SHOULD A CONFLICT OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, OF WHERE DETAIL REFERENCES ON CONTRACT DRAWINGS HAVE BEEN OMITTED, THE CONTRACTOR IS DEEMED TO HAVE ESTIMATED THE MOST EXPENSIVE MATERIALS AND CONSTRUCTION METHOD INVOLVED, UNLESS A WRITTEN DECISION FROM THE ARCHITECT HAS BEEN OBTAINED WHICH DESCRIBES AN ALTERNATE METHOD AND/OR MATERIALS.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS ON THE SITE TO AREAS PERMITTED BY THE OWNER. THE WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LAWS, LOCAL ORDINANCES, PERMITS AND THE CONTRACT DOCUMENTS. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER, AND SHALL NOT BE UNREASONABLY ENCLUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUB-CONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.
- ALL MATERIAL STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION UNTIL USE. FAILURE TO PROTECT MATERIALS MAY BE CAUSE FOR REJECTION OF WORK.
- THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF HIS WORK THAT MAY BE REQUIRED TO MAKE ITS PARTS FIT TOGETHER PROPERLY AND SHALL NOT ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING AND BRACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK, SHALL BE DONE WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL, UPON COMPLETION MATCH SURROUNDING SIMILAR SURFACES.
- NO PORTION OF THE WORK REQUIRING A SHOP DRAWING OR SAMPLE SUBMISSION SHALL BE COMMENCED UNTIL THE SUBMISSION HAS BEEN APPROVED BY THE ARCHITECT. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS AND SAMPLES.
- DIMENSIONS:
  - ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE.
  - ALL DIMENSIONS ARE TO FACE OF STRUCTURE UNLESS OTHERWISE NOTED.
  - CEILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR SLAB TO FINISH FACE OF CEILING.
- ALL LEGAL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. EXIT SIGNS SHALL BE PROVIDED AT ALL EXITS AS REQUIRED BY CODE. ALL DOORS SERVING AN OCCUPANT LOAD OF 50 OR MORE SHALL SWING IN THE DIRECTION OF EXIT OR AS REQUIRED BY CODE. THE CONTRACTOR MAY PROVIDE A SIGN READING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS. THIS SIGNS APPLIES ONLY TO THE MAIN EXIT. ALL EXITS SHALL BE LIGHTED WITH AT LEAST ONE FOOT CANDLE AT FLOOR LEVEL. REQUIREMENTS. ALL EXIT DOORS WHICH ARE USED FOR DISABLED ACCESS SHALL HAVE ON BOTH SIDES OF THE DOOR A FLOOR OR LANDING OF NOT MORE THAN 1/2" BELOW THE THRESHOLD.
- LIVE LOAD SIGNS: PROVIDE POSTED METAL SIGNS FOR EACH FLOOR PER THE REQUIREMENTS OF C.B.C. 1607.3.5. VERIFY LOCATION WITH ARCHITECT.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING AND TEMPORARY SUPPORTS AS REQUIRED.
- INTERIOR FINISHES SHALL BE TESTED AS SPECIFIED IN SECTION 803 AND OF CLASS 3 FLAME SPREAD RATING.
- THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF STRUCTURAL, MECHANICAL AND ELECTRICAL WORK. ANY DISCREPANCY BETWEEN THE ARCHITECTURAL AND THE CONSULTING ENGINEER'S DRAWINGS, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS OWN EXPENSE, AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- THESE DOCUMENTS FOR CONSTRUCTION, ALTHOUGH PREPARED WITH GREAT CARE AND APPROPRIATE DILIGENCE, MAY REPRESENT IMPERFECT INFORMATION AND MAY CONTAIN CODE VIOLATIONS, ERRORS, OMISSIONS, CONTRADICTIONS AND IMPROPER USES OF MATERIALS. CONTRACTOR SHALL REVIEW THIS DOCUMENT PACKAGE THOROUGHLY AND SHALL NOTIFY ARCHITECT IMMEDIATELY UPON ANY SUCH DISCOVERY. ANY DEFICIENT ARCHITECTURAL/ENGINEERING SERVICES WILL BE PROMPTLY CORRECTED WHEN IDENTIFIED.
- THIS PROJECT SHALL CONFORM TO THE CURRENT EDITIONS OF THE CALIFORNIA BUILDING CODE, UNIFORM MECHANICAL CODE, CALIFORNIA MECHANICAL CODE, UNIFORM PLUMBING CODE, CALIFORNIA PLUMBING CODE, THE NATIONAL ELECTRICAL CODE, CALIFORNIA ELECTRICAL CODE, STATE TITLE 24, REGULATIONS, AND CITY AND COUNTY LAWS AND ORDINANCES.
- CONTRACTOR SHALL MAINTAIN THE MAXIMUM NUMBER OF REQUIRED EXITS AND THEIR SEPARATION UNTIL EGRESS IS PROVIDED FROM THE STRUCTURE.
- THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL BOXES, TRANSFORMERS, VALVES, PUMPS, VALVES, METERS, APPURTENANCES, ETC) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/OR ADDITIONAL EXPENSES.
- AN APPROVED SEISMIC GAS SHUTOFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWN STREAM SIDE OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING THE FUEL GAS PIPING. (PER ORDINANCE 170.158) (INCLUDES COMMERCIAL ADDITIONS AND T.J. WORK OVER \$10,000.) SEPARATE PLUMBING PERMIT IS REQUIRED.

### GENERAL NOTES

### CONSTRUCTION NOTES

### FIRE NOTES

PROJECT ADDRESS: 11410 PARK TRAILS STREET  
RIVERSIDE, CA 92505

OWNER: RIVERWALK HOA  
11410 PARK TRAILS STREET  
RIVERSIDE, CA 92505

DESIGNER: RAY MARTINES  
5357 SAN VICENTE BLVD. #89  
LOS ANGELES, CA 90019  
951.675.4040

CONTRACTOR: AVENUE ELECTRIC INC.  
NORCO, CA 92882  
951-888-2500

### ARCHITECTURAL

A-0.1 COVER SHEET  
A-1.1 PARTIAL SITE PLAN  
A-1.2 ENLARGED SITE PLAN AND DETAILS

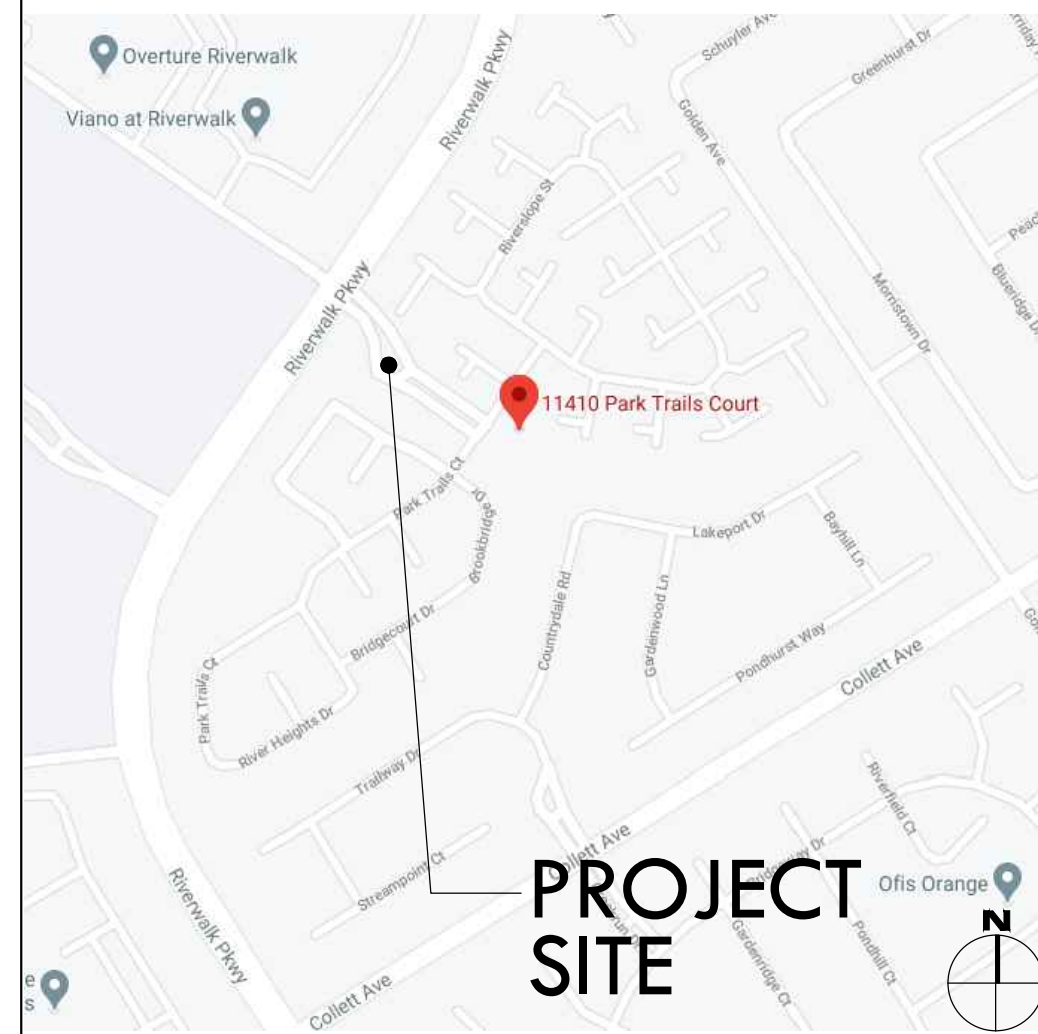
### ELECTRICAL

E-0.1 SPECIFICATIONS, SYMBOLS AND ABBREVIATIONS  
E-1 SITE PLAN  
E-2 SINGLE LINE DIAGRAM

### PROJECT DIRECTORY

ALL WORK SHALL COMPLY WITH  
2023 CALIFORNIA BUILDING CODE

### DRAWING INDEX



SCOPE OF WORK:  
SCOPE OF WORK: CONSTRUCTION 8 FEET HIGH WROUGHT IRON FENCE,  
TWO 8 FEET HIGH WROUGHT IRON PEDESTRIAN GATES AND TWO 8 FEET  
HIGH WROUGHT IRON VEHICLE GATES

### PROJECT SUMMARY

### VICINITY MAP

**SITE IMPROVEMENTS FOR:**  
RIVERWALK HOA  
PROJECT ADDRESS:  
11410 PARK TRAIL COURT  
RIVERSIDE, CA 92505

### CONSULTANTS

### NO. DATE REVISION

### DRAWING INDEX

THIS DRAWING AND THE DESIGN, ARRANGEMENTS, SPECIFICATIONS, IDEAS AND OTHER INFORMATION CONTAINED HEREIN CONSTITUTE UNPUBLISHED WORK OF RAM DESIGNS AND SHALL REMAIN PROPERTY OF RAM DESIGNS IN PERPETUITY. NO PART THEREOF SHALL BE REPRODUCED, COPIED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR OTHERWISE USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF RAM DESIGNS. VISUAL CONTACT WITH THE ABOVE DRAWINGS, IN ANY PART THEREOF, SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

### SHEET TITLE

### COVER SHEET

PROGRESS SET 09.16.20  
NOT FOR  
CONSTRUCTION

DRAWN • R.A.M.

CHECKED •

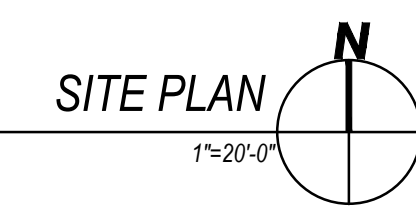
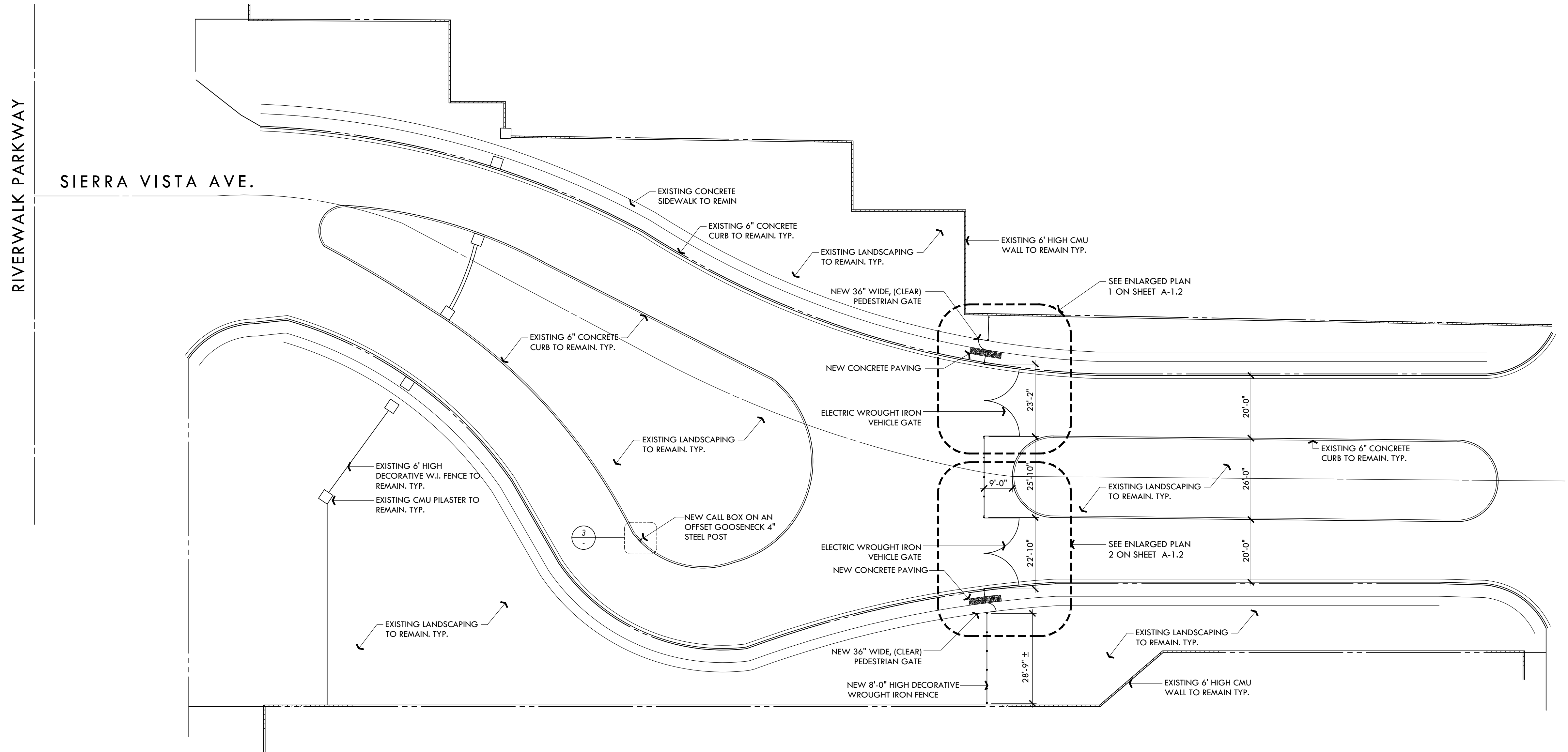
SCALE • NTS

DATE • 01.30.23

JOB • 20006

SHEET •

# A0.1



**SITE IMPROVEMENTS FOR:**  
 RIVERWALK HOA  
 PROJECT ADDRESS:  
 11410 PARK TRAIL COURT  
 RIVERSIDE, CA 92505

CONSULTANTS

NO. DATE REVISION

THIS DRAWING AND THE DESIGN ARRANGEMENTS, SPECIFICATIONS, MEASUREMENTS AND OTHER INFORMATION CONTAINED HEREIN CONSTITUTE UNPUBLISHED WORKS OF RAM DESIGNS AND SHALL REMAIN THE PROPERTY OF RAM DESIGNS. NO PART OF THIS DRAWING SHALL BE REPRODUCED, COPIED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR OTHERWISE USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF RAM DESIGNS. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR ANY PART THEREOF SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

**PARTIAL SITE PLAN ELEVATIONS**

DRAWN BY R.A.M.

CHECKED

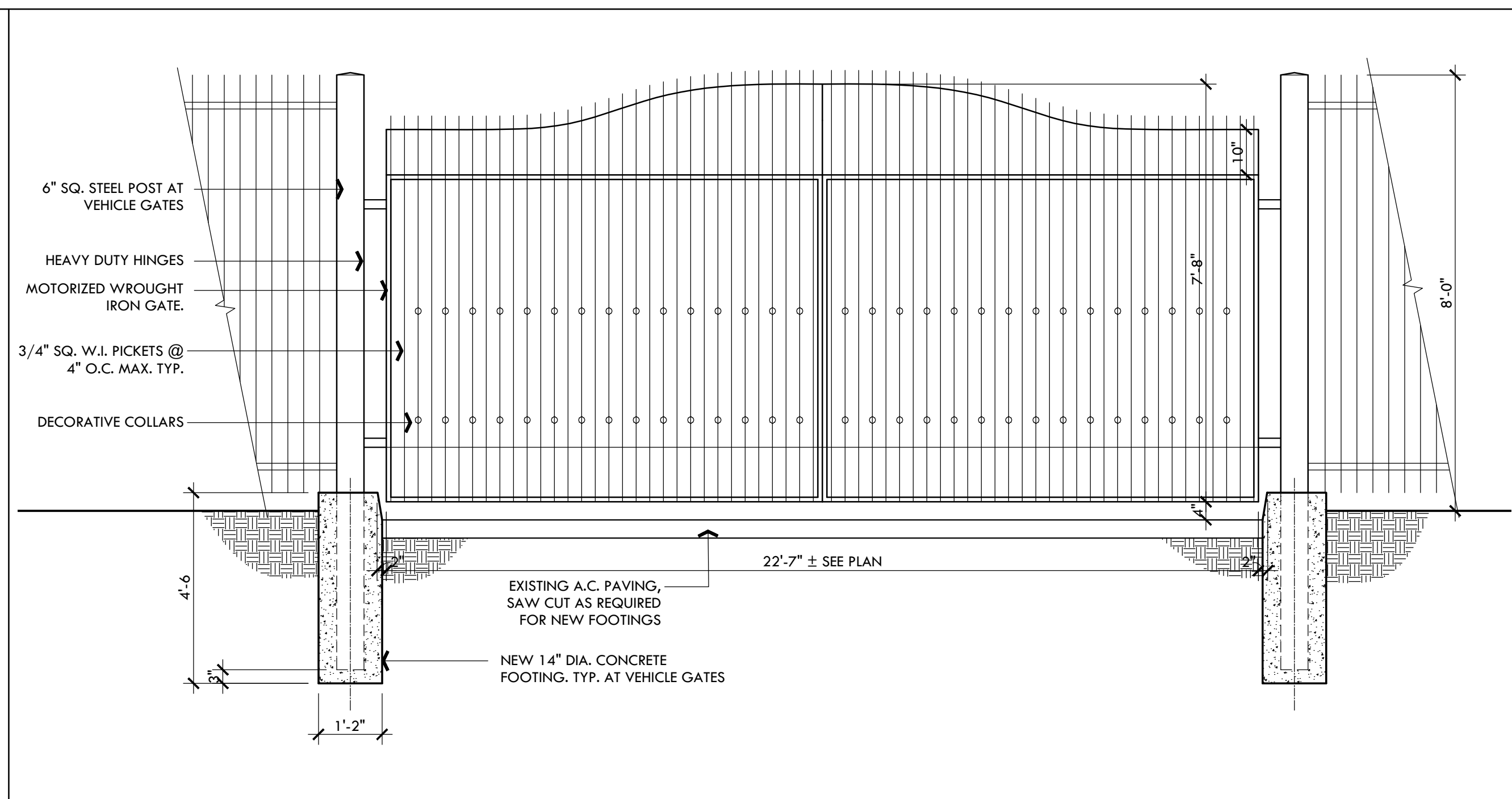
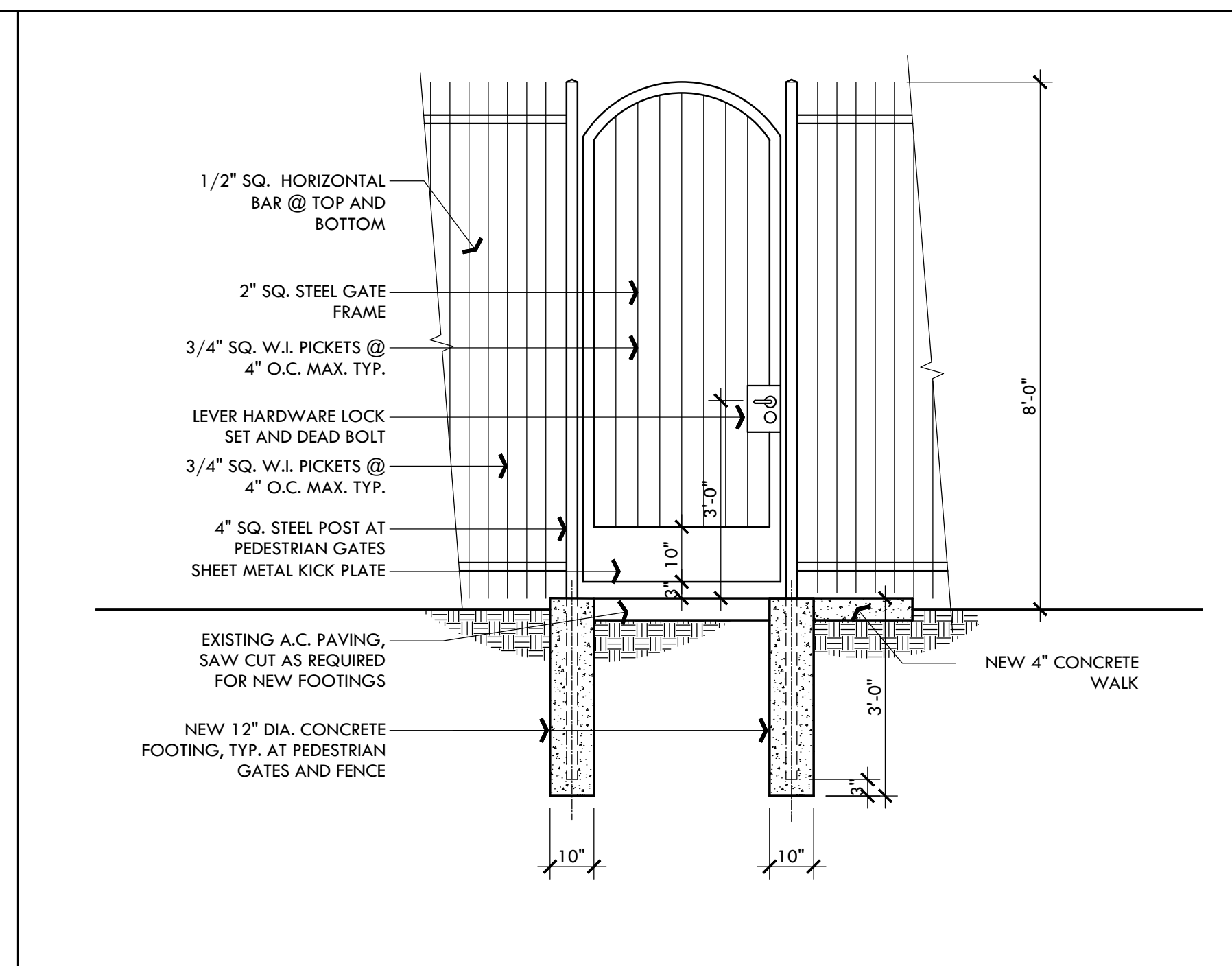
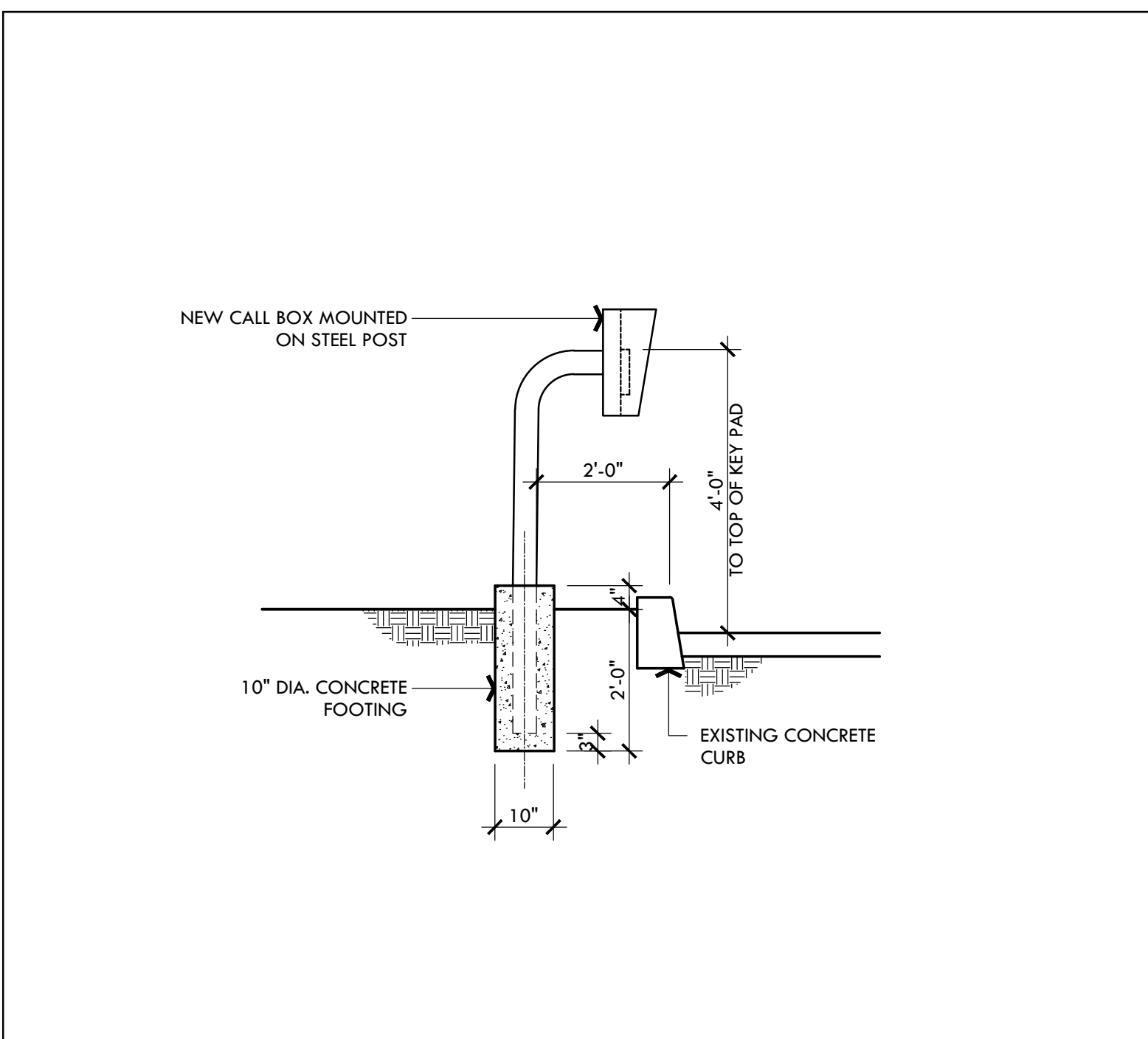
SCALE AS NOTED

DATE 01.30.23

JOB 20006

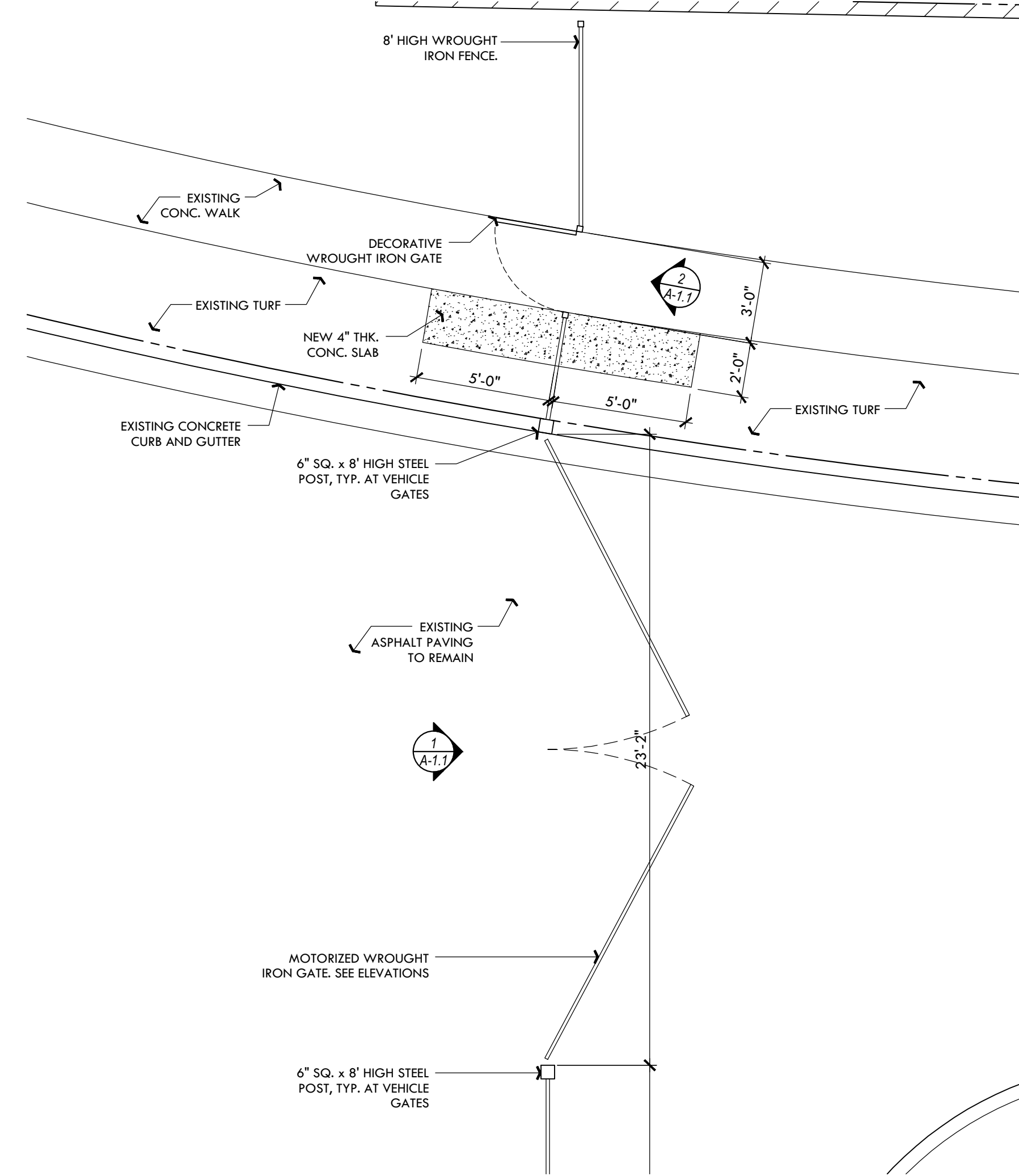
SHEET

**A-1.1**



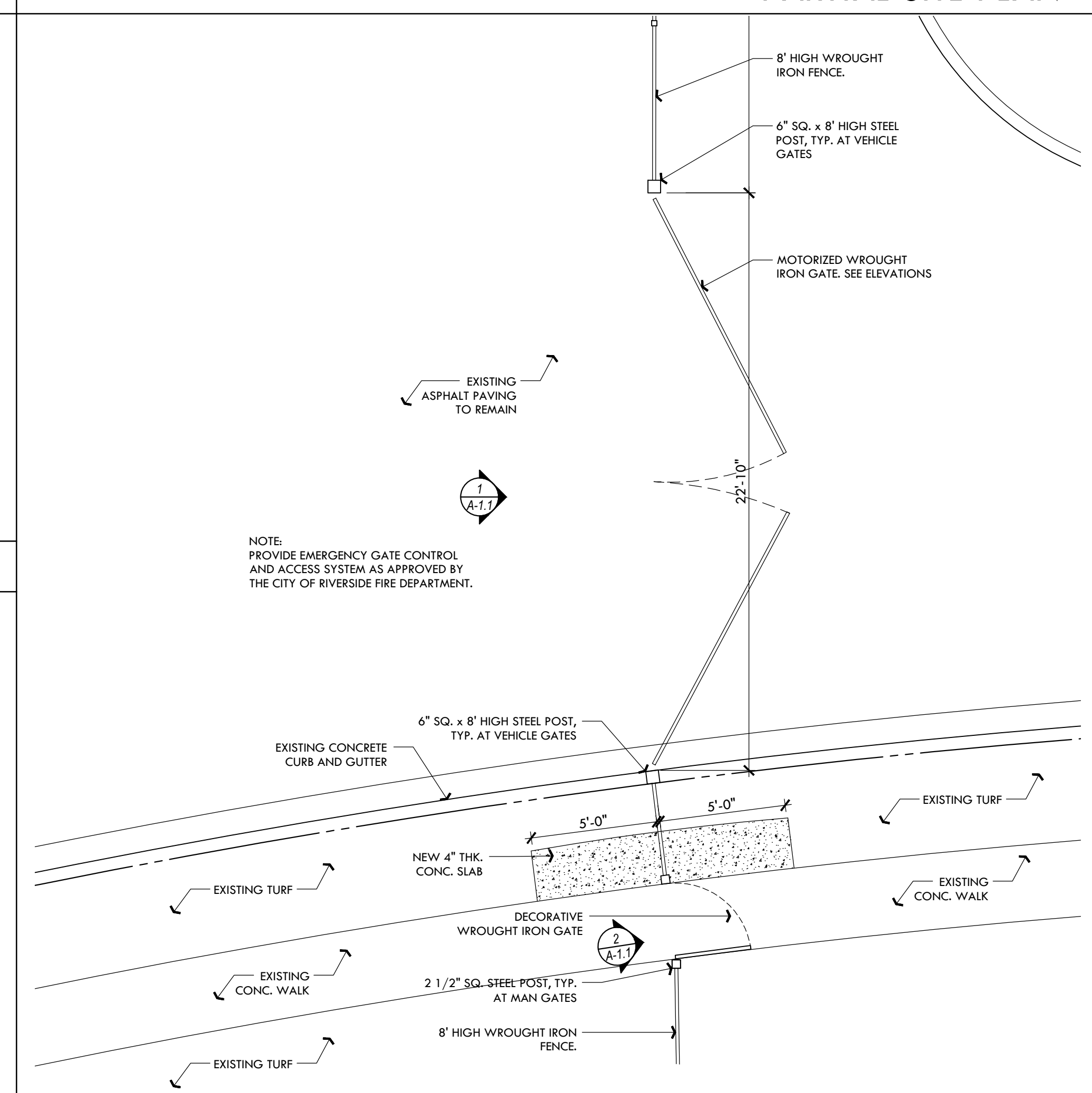
**SITE IMPROVEMENTS FOR:**  
 RIVERWALK HOA  
 PROJECT ADDRESS:  
 11410 PARK TRAIL COURT  
 RIVERSIDE, CA 92505

CONSULTANTS •



**PARTIAL SITE PLAN**

SCALE: 1/4" = 1'-0"  
**1**



**PARTIAL SITE PLAN**

SCALE: 1/4" = 1'-0"  
**2**

NOTE:  
 PROVIDE EMERGENCY GATE CONTROL  
 AND ACCESS SYSTEM AS APPROVED BY  
 THE CITY OF RIVERSIDE FIRE DEPARTMENT.

| NO. | DATE | REVISION |
|-----|------|----------|
|     |      |          |

THIS DRAWING AND THE DESIGN, ARRANGEMENTS, SPECIFICATIONS, MEASUREMENTS AND OTHER INFORMATION CONTAINED HEREIN CONSTITUTE UNPUBLISHED WORKS OF RAM DESIGNS AND SHALL REMAIN PROPERTY OF RAM DESIGNS IN PERPETUITY. NO PART THEREOF SHALL BE REPRODUCED, COPIED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR OTHERWISE USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF RAM DESIGNS. VISUAL CONTACT WITH THE ABOVE DRAWINGS, OR ANY PART THEREOF, SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

SHEET TITLE  
**ENLARGED PARTIAL SITE PLAN**

|         |            |
|---------|------------|
| DRAWN   | • R.A.M.   |
| CHECKED | •          |
| SCALE   | • AS NOTED |
| DATE    | • 01.30.23 |
| JOB     | • 20006    |
| SHEET   | •          |

**A1.2**

ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL

- 1. CODE IN EFFECT: 2022 CALIFORNIA ELECTRICAL CODE, HEREAFTER REFERRED TO AS 'CODE'.
2. 'PROVIDE' INDICATES ITEM FURNISHED, INSTALLED AND CONNECTED.
3. THE SPECIFICATIONS AND DRAWINGS ARE INTENDED TO COVER A COMPLETE INSTALLATION OF SYSTEMS...

ELECTRICAL SPECIFICATIONS

PART 2 - MATERIAL (CONTINUED)

- B. SWITCHES
1. PROVIDE CIRCUIT SWITCHES TOTALLY ENCLOSED, BAKEITILE OR COMPOSITION BASE, TOGGLE TYPE WITH 120/277 VOLT A.C. RATING FOR FULL CAPACITY OR CONTACTS FOR LED INCANDESCENT LIGHT FIXTURES...
C. RECEPTACLES
1. ALL RECEPTACLES IN FLUSH TYPE OUTLET BOXES SHALL BE INSTALLED WITH A BONDING JUMPER TO CONNECT THE BOX TO THE RECEPTACLE GROUND TERMINAL...

ELECTRICAL SPECIFICATIONS

PART 2 - MATERIAL (CONTINUED)

- I. CONDUITS USED FOR EQUIPMENT GROUNDING SHALL UTILIZE APPROVED GROUNDING COUPLINGS.
H. CONDUCTORS
1. ALL CONDUCTORS SHALL BE COPPER TYPE THHN/THW-2, 600V AND SHALL BE RATED AT 90 DEGREE C.
2. WHERE INSTALLED IN RACEWAY, CONDUCTORS OF SIZE NO.8 AND LARGER SHALL BE STRANDED.
3. CONDUCTORS SIZE NO. 1 ANS AND SMALLER WITH 90°C INSULATION ARE TO USE THE 60° COLUMN OF THE CODE, TABLE 310.15(B)(16)...

ELECTRICAL SPECIFICATIONS

PART 2 - MATERIAL (CONTINUED)

- 5. INCLUDE AN ALLOWANCE OF \$500.00 FOR THE SUPPLY AND INSTALLATION OF LIGHT FIXTURE WHERE OUTLET IS SHOWN ON DRAWINGS WITHOUT A FIXTURE TYPE DESIGNATION.
6. ALL FIXTURES OF ONE TYPE SHALL BE OF ONE MANUFACTURER AND OF IDENTICAL FINISH AND APPEARANCE, UNLESS OTHERWISE NOTED ON DRAWINGS.
7. PROVIDE SEISMIC RESTRAINTS, AS REQUIRED, BY LOCAL JURISDICTION.
8. LED FIXTURES SHALL BE COMPLETE WITH LED MODULES, DRIVERS, DIMMING CAPABILITY, MOUNTING HARDWARE AND WATTAGES PER FIXTURE SCHEDULE.
9. FLUORESCENT BALLAST SHALL BE RAPID START, HIGH FREQUENCY ELECTRONIC WITH HIGH POWER FACTOR (A MINIMUM CLASS 2) SOUND RATING OR BETTER AND MATERIALS THAT WITH APPLICABLE ENERGY CODES.

ELECTRICAL SYMBOLS LIST

SPECIFICATION UNLESS OTHERWISE NOTED ELSEWHERE IN THESE DRAWINGS. VERIFY ALL LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT. SOME SYMBOLS MAY NOT BE USE.
SEE PLANS AND FIXTURE SCHEDULE FOR LIGHT FIXTURE SYMBOLS.
SWITCHES, SINGLE POLE, SINGLE THROW TOGGLE SWITCH MOUNTED AT 44" AFF
SUBSCRIPT INDICATES CONTROL.
53 - THREE WAY SP - PILOT LIGHT
54 - FOUR WAY SM - MOTOR STARTER, NEMA 3R
52 - DPST SK - KEYED SWITCH
5L, 6 OR 8 - LOW VOLTAGE CONTROL SWITCH

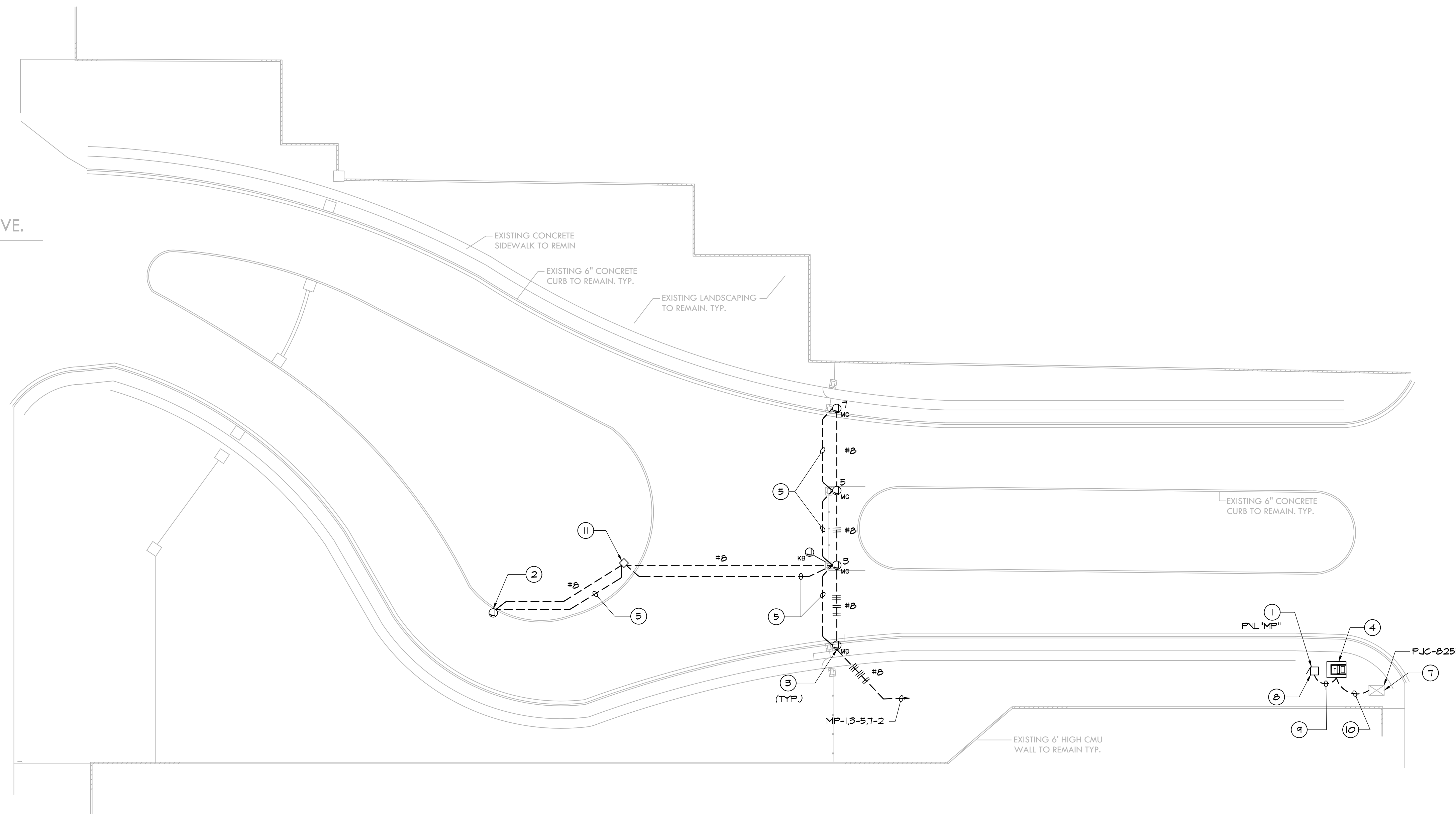
ELECTRICAL ABBREVIATIONS

Table with 2 columns: Symbol and Description. Includes symbols like +48" (HEIGHT TO CENTERLINE OF DEVICE ABOVE FINISHED FLOOR), (E) EXISTING, (N) NEW, (R) RELOCATED, AFC AVAILABLE FAULT CURRENT, AFF ABOVE FINISHED FLOOR, etc.

Engineering Resources logo and contact information: Avenue Electric Inc., 5710 AVENUE 200, SUITE 200, RIVINGTON, CA 95078, (949) 459-0457, (949) 459-0458 FAX. Includes a professional engineer seal for David D. Gagnier, No. 615457, dated 5/30/24.

RIVERWALK PARKWAY

SIERRA VISTA AVE.



6 SITE ELECTRICAL  
SCALE: 1" = 20'-0"

REFERENCE NOTES (X)

- 1 PROVIDE NEW SERVICE METER PEDESTAL-MYERS MODEL MEU616/C-100 304 SST ENCLOSURE TYPE 3R, RAINPROOF, 120/240 VOLT, SINGLE PHASE, 3 WIRES, (1) 30A CIRCUIT, (SEE E-3).
- 2 PROVIDE NEW SUMMIT M1 TELEPHONE ENTRY SYSTEM MOUNTED ON METAL PEDESTAL. PROVIDE CONTROL WIRING PER MANUFACTURE REQUIREMENTS. MOUNTED ON METAL PEDESTAL.
- 3 PROVIDE NEW SWING GATE OPERATOR. PROVIDE FIRE STROBE SENSOR FOR AUTO OPEN FOR FIRST RESPONDERS.
- 4 PROVIDE CONCRETE TRANSFORMER PAD PER UTILITY COMPANY REQUIREMENTS.
- 5 PROVIDE CONTROL WIRING IN 1" CONDUIT ONLY, PER MANUFACTURE REQUIREMENTS.
- 6 SANGUT, TRENCH, BACKFILL, COMPACT TO MATCH EXISTING AFTER CONDUITS AND BOXES ARE INSTALLED.
- 7 EXISTING UTILITY COMPANY STRUCTURE.
- 8 PROVIDE METER PEDESTAL CONCRETE PAD PER UTILITY COMPANY REQUIREMENTS.
- 9 PROVIDE 3" C.O. FOR UTILITY COMPANY CONDUCTORS FROM TRANSFORMER TO METER PEDESTAL PER UTILITY COMPANY REQUIREMENTS.
- 10 PROVIDE 3" C.O. FOR UTILITY COMPANY CONDUCTORS FROM UTILITY STRUCTURE TO TRANSFORMER PER UTILITY COMPANY REQUIREMENTS.
- 11 PROVIDE AN 11"X11" CONCRETE FULLBOX WITH BOLT DOWN COVER, ENGRAVED "ELECTRICAL". ADD OTHER BOXES AS REQUIRED.

GENERAL SITE NOTES

(UNLESS OTHERWISE NOTED)

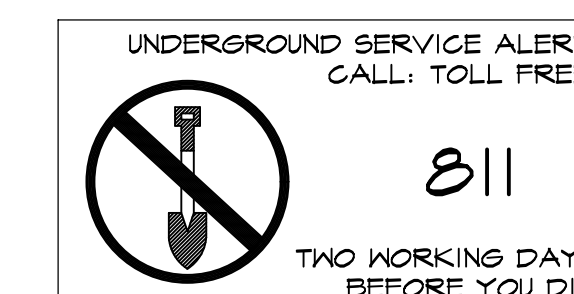
- A. CONTRACTOR SHALL VERIFY ALL LOCATIONS, MOUNTING HEIGHTS AND REQUIREMENTS WITH OWNER, ARCHITECT AND/OR TENANT AS REQUIRED. CONTRACTOR SHALL REVIEW ALL DRAWINGS AND INCLUDE IN HIS BID ALL COSTS APPLICABLE TO THE ELECTRICAL TRADE WHETHER SHOWN IN THESE DRAWINGS OR NOT.
- B. INCOMING UTILITIES ARE IN THE PROCESS OF BEING COORDINATED BUT ARE STILL NOT TOTALLY DEFINED. CONTRACTOR SHALL BUILD FROM TELEPHONE AND ELECTRICAL UTILITY COMPANY ENGINEERED DRAWINGS.
- C. COORDINATE ALL REQUIREMENTS AND STANDARDS WITH THE UTILITY COMPANY AND TELEPHONE COMPANY PRIOR TO CONSTRUCTION.
- D. CONTRACTOR SHALL COORDINATE WITH UTILITY CONSULTANT AS REQUIRED.
- E. ALL POWER AND TELEPHONE SERVICE CONDUITS SHALL BE PVC TYPE PER CORRESPONDING UTILITY COMPANY REQUIREMENTS.
- F. ALL UTILITY COMPANY CONDUITS SHALL BE INSTALLED PER UTILITY COMPANY REQUIREMENTS.
- G. UTILITY AND TELEPHONE CONDUITS MAY BE INSTALLED IN A COMMON TRENCH, PROVIDING THERE IS 12" MINIMUM SEPARATION BETWEEN SERVICE. COORDINATE WITH UTILITIES.
- H. ALL UTILITY FULL BOXES AND TRANSFORMER PADS SHALL BE INSTALLED LEVEL AND SET ON A 6" BED OF 3/4" GRAVEL. INCLUDE ALL OTHER INSTALLATION REQUIREMENTS DICTATED BY CORRESPONDING UTILITY COMPANY.
- I. ALL ELECTRICAL RELATED CONDITIONS SHALL BE VERIFIED IN FIELD PRIOR TO START OF CONSTRUCTION.
- J. CONTRACTOR SHALL PROVIDE FULL BOXES, SIZED PER CODE, AS REQUIRED TO FACILITATE PULLING OF CONDUCTORS. PROVIDE ALL PULLING CALCULATIONS.
- K. ALL UTILITY COMPANY PADS SHALL BE 3 FEET CLEAR MINIMUM FROM FACE OF ANY BUILDING OR FUTURE BUILDING. VERIFY REQUIREMENTS WITH UTILITY COMPANY PRIOR TO START OF WORK.
- L. PROVIDE PROTECTIVE BOLLARDS AROUND ALL STRUCTURES PER UTILITY COMPANY REQUIREMENTS.
- M. ENDS OF CONDUITS STUBBED UP THROUGH THE FLOOR SLAB SHALL BE GALVANIZED RIGID (GRG) TYPE, THREADED FOR A CAP WITH FULL-STRING. LABEL EACH LOCATION.
- N. PROVIDE 48" GRG 90° ELBOW AT EACH FULL END TO LIMIT CABLE BURN/FRICTION WHEN PULLING THE CABLES.
- O. ALL UNDERGROUND CONDUITS SHALL BE 3/4" MINIMUM.

SITE LEGEND

(SOME MAY NOT BE USED)

- Q<sub>18</sub> PROVIDE WP J-BOX FOR KNOX BOX. VERIFY EXACT LOCATION. PROVIDE 1" CO FROM KNOX BOX GATE OPERATOR.
- Q<sub>19</sub> PROVIDE WEATHERPROOF J-BOXES WITH 1" CO AND CONDUCTORS FOR MOTORIZED GATE ROCKER AND 1" CO AND CONDUCTORS FOR GATE CONTROL BETWEEN J-BOXES. PROVIDE 3/4" X 10" COPPER CLAD ROD AT EACH GATE MOTOR. BOND AS REQUIRED. VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH OWNER.

| UTILITY CONTACT |  |
|-----------------|--|
| COMPANY:        | RIVERSIDE PUBLIC UTILITIES                     |
| ADDRESS:        | 3900 MAIN ST, 3RD FLOOR<br>RIVERSIDE, CA 92522 |
| CONTACT:        | ADDIE REVUELTA                                 |
| PHONE NO.:      | 951-926-5484                                   |
| EMAIL:          | ARevuelta@riverside.gov                        |



NOTE:  
CONTACTING DIG ALERT DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF LOCATING THE EXISTING UTILITIES AND SERVICES



ENGINEERING RESOURCES  
ELECTRICAL - MECHANICAL - ENGINEERS  
27 MAHONEY, SUITE 200, RIVERSIDE, CA 92518  
(951) 450-0431 (951) 450-0432 FAX

Avenue Electric Inc.  
1445 E. Main Blvd., Suite E, Corona, CA 92626  
(951) 272-4007  
(951) 272-1100

DATE: 02/21/23  
DRAWN: C.N.  
CHECKED: C.N.  
DESIGNED BY: C.N.

SITE PLAN

E-1

E.R.#22105

