

IN THE CITY OF COACHELLA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

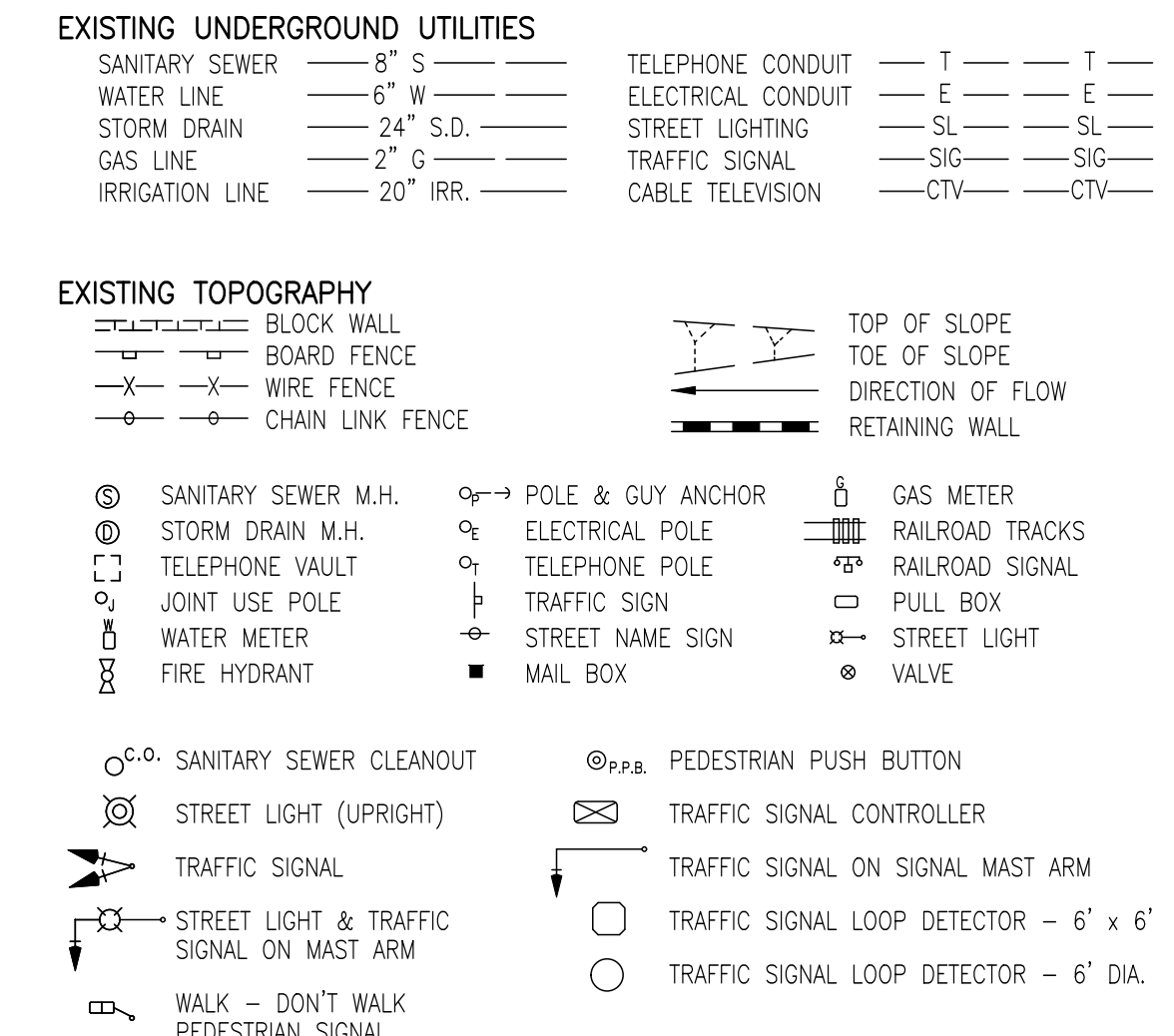
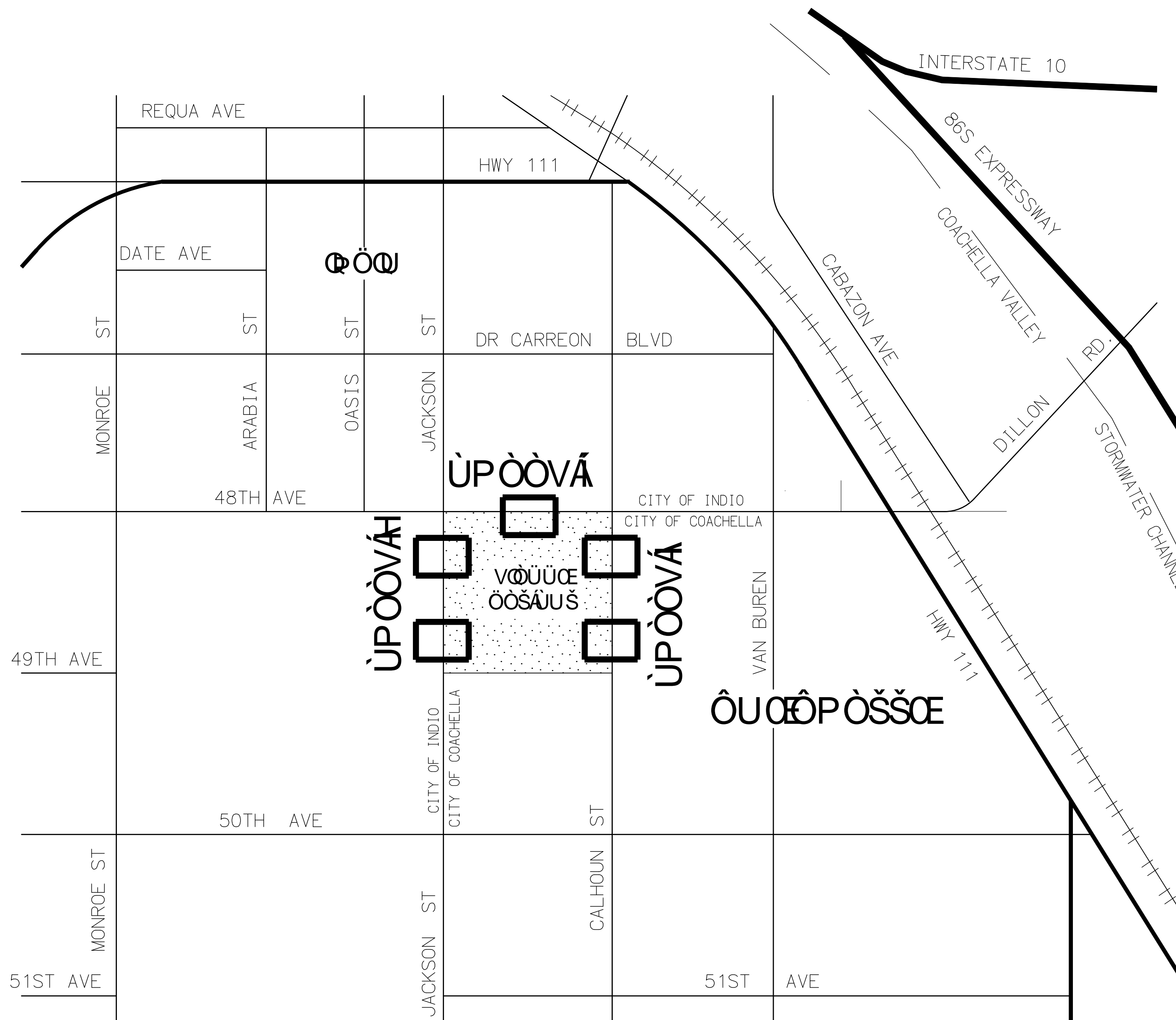
TIERRA DEL SOL DECORATIVE

ENTRANCE LIGHTING IMPROVEMENTS

LOCATED IN A PORTION OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 8 EAST, SAN BERNARDINO MERIDIAN.

ΟΔΗΓΙΕΣ

1. ALL DESIGN, MATERIALS, AND CONSTRUCTION WORK SHALL CONFORM TO THE CITY OF COACHELLA STANDARD SPECIFICATIONS AND PROCEDURES AND THE CITY OF COACHELLA STANDARD DRAWINGS AND TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), MOST CURRENT EDITIONS AND THESE APPROVED PLANS.
2. THE CONTRACTOR SHALL, AT NO EXPENSE TO THE CITY, PROVIDE ALL NECESSARY SAMPLES AND TESTS REQUIRED BY THE CITY TO ASSURE THAT THE QUALITY OF THE MATERIALS AND WORKMANSHIP ARE IN ACCORDANCE WITH THESE PLANS AND SAID SPECIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES COMPLETE AND UNCOMPLETED UNTIL ACCEPTED BY THE CITY.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AT NO COST TO THE CITY.
5. THE CONTRACTOR SHALL OBTAIN AND REVIEW ALL NECESSARY STANDARDS, PLANS, AND SPECIFICATIONS IN DETAIL PRIOR TO START OF CONSTRUCTION. ALL DOCUMENTS, INCLUDING APPROVED PLANS AND REFERENCED STANDARDS SHALL BE ON-SITE AT ALL TIMES. CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY INSPECTOR PRIOR TO WORK IN THAT AREA.
6. ALL ELEVATIONS SHOWN TO BE EXISTING ARE FROM A RECENT SURVEY OF THE ENGINEER AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
7. PRIOR TO BEGINNING ANY WORK, CONTRACTOR SHALL SECURE A CITY OF COACHELLA PERMIT FOR CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CITY OF COACHELLA (760) 398-5744, 72 HOURS PRIOR TO STARTING ANY WORK. A PRE-CONSTRUCTION MEETING SHALL BE SET UP WITH THE CITY OF COACHELLA ENGINEERING DEPARTMENT AND ALL AFFECTED UTILITY COMPANIES SHALL BE PRESENT.
8. CONTRACTOR SHALL CALL U.S.A., UNDERGROUND SERVICE ALERT, AT 811 OR AT DIRECT.DIGALERT.ORG AND SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES 48 HOURS IN ADVANCE OF THE COMMENCEMENT OF CONSTRUCTION. DIG ALERT TICKET SHALL BE SUBMITTED TO THE CITY OF COACHELLA ENGINEERING DEPARTMENT.
9. OSHA SAFETY ORDERS AND OSHA CONFINED SPACE ENTRY REQUIREMENTS SHALL BE FOLLOWED AT ALL TIMES WITHOUT EXCEPTION.
10. THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE BY CITY OF COACHELLA IN ACCORDANCE WITH THE CITY OF COACHELLA STANDARD SPECIFICATIONS.
11. QUANTITIES SHOWN HEREON ARE FOR ESTIMATE PURPOSES ONLY. NEITHER THE DESIGN ENGINEER NOR THE CITY OF COACHELLA GUARANTEE THE ACCURACY OR COMPLETENESS OF THE CONSTRUCTION QUANTITIES.
12. CONTRACTOR SHALL CONFORM TO LABOR CODE SECTION 6705 BY SUBMITTING A DETAIL PLAN TO THE CITY ENGINEER SHOWING THE DESIGN OF SHORING, BRACING, SLOPING, OR OTHER PROVISIONS TO BE MADE FOR PROTECTION OF WORKERS FROM THE HAZARD OF CAVING GROUND DURING TRENCH EXCAVATION AND PIPE INSTALLATION THEREIN. THIS PLAN MUST BE PREPARED FOR ALL TRENCHES FIVE FEET OR MORE IN DEPTH. IF THE PLAN VARIES FROM THE SHORING SYSTEM STANDARDS ESTABLISHED BY THE CONSTRUCTION SAFETY ORDERS, TITLE 8, CALIFORNIA ADMINISTRATIVE CODE, THE PLAN SHALL BE PREPARED BY A REGISTERED ENGINEER. A COPY OF THE OSHA EXCAVATION PERMIT MUST BE SUBMITTED TO THE CITY OF COACHELLA INSPECTOR PRIOR TO EXCAVATION.
13. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS WAS OBTAINED BY AVAILABLE RECORDS SEARCH BY THE DESIGN ENGINEER. TO THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. ATTENTION IS CALLED TO THE POSSIBLE EXISTENCE OF OTHER UTILITIES OR STRUCTURES NOT SHOWN, OR IN A DIFFERENT LOCATION FROM THAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN ON THE PLANS AND OTHER EXISTING FACILITIES OR STRUCTURES NOT SHOWN.
14. APPROVAL OF THIS PLAN BY THE CITY OF COACHELLA DOES NOT CONSTITUTE A REPRESENTATION OF THE ACCURACY OF THE LOCATION OF, OR THE EXISTENCE OR NON-EXISTENCE OF, ANY UNDERGROUND UTILITY, PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT.
15. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS INCLUDING, BUT NOT LIMITED TO, TRENCH SAFETY AND CONFINED SPACE ENTRY.
16. SOILS REPORTS SHALL BE SUBMITTED TO THE CITY OF COACHELLA BY A QUALIFIED SOILS ENGINEER WHICH CERTIFIES THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH ON SITE EARTHWORK SPECIFICATIONS AND THE CITY OF COACHELLA STANDARD SPECIFICATIONS.
17. ALL REVISIONS TO DRAWINGS SHALL BE APPROVED BY THE CITY ENGINEER IN WRITING PRIOR TO CONSTRUCTION.
18. CONTRACTOR IS RESPONSIBLE FOR KEEPING COMPLETE RECORD OF CHANGES AND SHALL MAKE SUCH RECORD AVAILABLE TO THE DESIGN ENGINEER. THE PRIVATE ENGINEER SHALL PROVIDE AS-BUILT DRAWINGS TO THE CITY OF COACHELLA FOR REVIEW AND APPROVAL PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. APPROVED AS-BUILT PLANS SHALL BE SUBMITTED TO THE CITY OF COACHELLA ENGINEERING DEPARTMENT IN AUTOCAD FORMAT.
19. THE CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTATION. IF ANY SURVEY MONUMENTS ARE DISTURBED OR DESTROYED, THE CONTRACTOR SHALL RETAIN A LICENSED SURVEYOR TO RE-ESTABLISH AND RECORD THE MONUMENT CHANGE PER STATE LAW.
20. CONTRACTOR SHALL NOT INTERRUPT OR DISTURB ANY UTILITY FACILITY WITHOUT AUTHORITY FROM THE UTILITY COMPANIES. WHERE PROTECTION IS REQUIRED TO ENSURE INTEGRITY OF UTILITY FACILITIES (INCLUDING CITY-OWNED UTILITIES), CONTRACTOR SHALL FURNISH AND PLACE ALL NECESSARY PROTECTION.



ABBREVIATION	DEFINITION	ABBREVIATION	DEFINITION
A.C.	ASPHALT CONCRETE	M.V.	MERCURY VAPOR
AC	ACRE	MAX.	MAXIMUM
AREA	AREA	MIN.	MINIMUM
AVE.	AVENUE	N.	NORTH
AVC.	AVERAGE	N.I.S.	NOT TO SCALE
B.C.	BEGINNING OF CURVE	N.E.L.Y.	NORTHEASTERLY
B.C.R.	BEGINNING OF CURB RETURN	N.L.Y.	NORTHERLY
B.M.	BENCH MARK	N.O.	NUMBER
B.V.C.	BEGINNING OF VERTICAL CURVE	N.W.L.Y.	NORTHWESTERLY
BLVD.	BOULEVARD	O.C.	ON CENTER
C	CENTER	O.P.P.	OPPOSITE
C&G	CURB & GUTTER	P.B.	PULL BOX
C.B.	CATCH BASIN	P.C.	POINT OF CURVATURE
C.F.	CURB FACE	P.C.C.	POINT OF COMPOUND CURVATURE OR PORTLAND CEMENT CONCRETE
C.I.	CAST IRON	P.I.	POINT OF INTERSECTION
C.M.P.	CORRUGATED METAL PIPE	P.M.	POWER POLE
C.M.P.A.	CORRUGATED METAL PIPE ARCH	P.P.	POINT OF REVERSE CURVATURE
C.O.	CLEANOUT	P.R.C.	POINT OF REVERSE VERTICAL CURVE
C.P.	CONCRETE PIPE	P.T.	POINT OF TANGENCY
C.R.	CURB RETURN	P.T.	POINT OF TANGENCY
C.T.B.	CEMENT TREATED BASE	R.	RADIUS
C.Y.	CUBIC YARDS	R.C.P.	REINFORCED CONCRETE PIPE
CALC.	CALCULATED	R.E.	REGISTERED ENGINEER
CB	CURB	R.S.	RECORD OF SURVEY
C-C	CENTER TO CENTER	R.W. HDR.	REDWOOD HEADER
OR	CIRCLE	R/W	RIGHT OF WAY
CL	CENTER LINE	R/W	RIGHT OF WAY
CO.	COUNTY OR COMPANY	R.D.	ROAD
CONC.	CONCRETE	REC.	RECORD
CONST.	CONSTRUCT	RIV.	RIVERSIDE
COR.	CORNER	R.T.	RIGHT
CUB. FT.	CUBIC FEET	R.	RIGHT
D.G.	DECOMPOSED GRANITE	R.V.	RIVERSIDE
D/W	DRIVEWAY	R.T.	RIGHT
DR.	DRIVE	S.	SOUTH
E.	EAST	S.B.	SAN BERNARDINO
E.C.	END OF CURVE	S.D.	STORM DRAIN
E.C.R.	END OF CURB RETURN	S/W	SIDEWALK
E.P.	EDGE OF EXISTING PAVEMENT	SEC.	SECTION
E.V.C.	END OF VERTICAL CURVE	SE.L.Y.	SOUTHEASTERLY
ELEV.	ELEVATION	S.L.Y.	SOUTHERLY
E.L.Y.	EASTERLY	SPEC.	SPECIFICATIONS
EST.	ESTIMATE	SPK.	SPIKE
EXC.	EXCAVATION	SQ.	SQUARE
EXIST.	EXISTING	SBM	SAN BERNARDINO BASE & MERIDIAN
F.B.	FIELD BOOK	ST.	STREET
F.H.	FIRE HYDRANT	STA.	STATION
F.L.	FLOW LINE	STD.	STANDARD
FT.	FOOT	STK.	STAKE
FT.	FOOT	SW.L.Y.	SOUTHWESTERLY
FTC	FUTURE TOP OF CURB	T.C.	TOP OF CURB
F&I	FURNISH AND INSTALL	T.P.	TOP OF PAVEMENT
GUY	GUY WIRE OF POLE	TEL.	TELEPHONE
HOR.	HORIZONTAL	TYP.	TYPICAL
INV.	INVERT	V.C.	VERTICAL CURVE
LF.	LINEAR FEET	V.C.P.	VERTICAL CURVE POINT
LAT.	LATERAL	V.P.I.	VERTICAL POINT OF INTERSECTION
LT.	LEFT	VERT.	VERTICAL
M.H.	MANHOLE	W.	WEST
M.O.	MIDDLE ORDNATE	W.L.Y.	WESTERLY
M.O.C.	MIDDLE OF CURVE		

ΟΔΗΓΙΕΣ

ΟΔΗΓΙΕΣ	UNITS	QUANTITY
1 PROTECT IN PLACE	--	--
2 F&I 2" SCH 40 PVC, IID CONDUIT	LF	15
3 F&I ELECT. METER PED PER DETAIL ON SHEET 2 (100A) (TAN COLOR) w/ PHOTO CELL	EA	1
4 F&I 2" PVC CONDUIT w/ CONDUCTORS	LF	2,931
5 F&I BOLLARD LIGHT PER DETAIL ON SHEET 2, OR APPROVED EQUAL	EA	46
6 F&I PALM TREE RING LIGHT PER DETAIL ON SHEET 2, OR APPROVED EQUAL	EA	45
7 F&I PRECAST CONCRETE UPLIGHT PER DETAIL ON SHEET 5, OR APPROVED EQUAL	EA	20
8 F&I ELECTRICAL PULLBOX PER DETAIL ON SHEET 2	EA	70
9 CONNECT CONDUIT TO EXISTING PEDESTAL	EA	4
10 DIRECTIONAL BORE STREET CROSSING (12"-24" DEEP)	LF	436

ΥΠΟΛΟΓΙΣΜΟΙ

SHEET #	DESCRIPTION
1	TITLE SHEET
2	CONSTRUCTION NOTES & DETAILS
3	LOS MOGHIS AVE & PUERTECITOS AVE @ JACKSON ST
4	SAN IGNACIO & EL MAR @ CALHOUN ST
5	CIELO DE VICTORIA @ AVENUE 48

DIGALERT
DIAL BEFORE YOU DIG
CONTACT 811

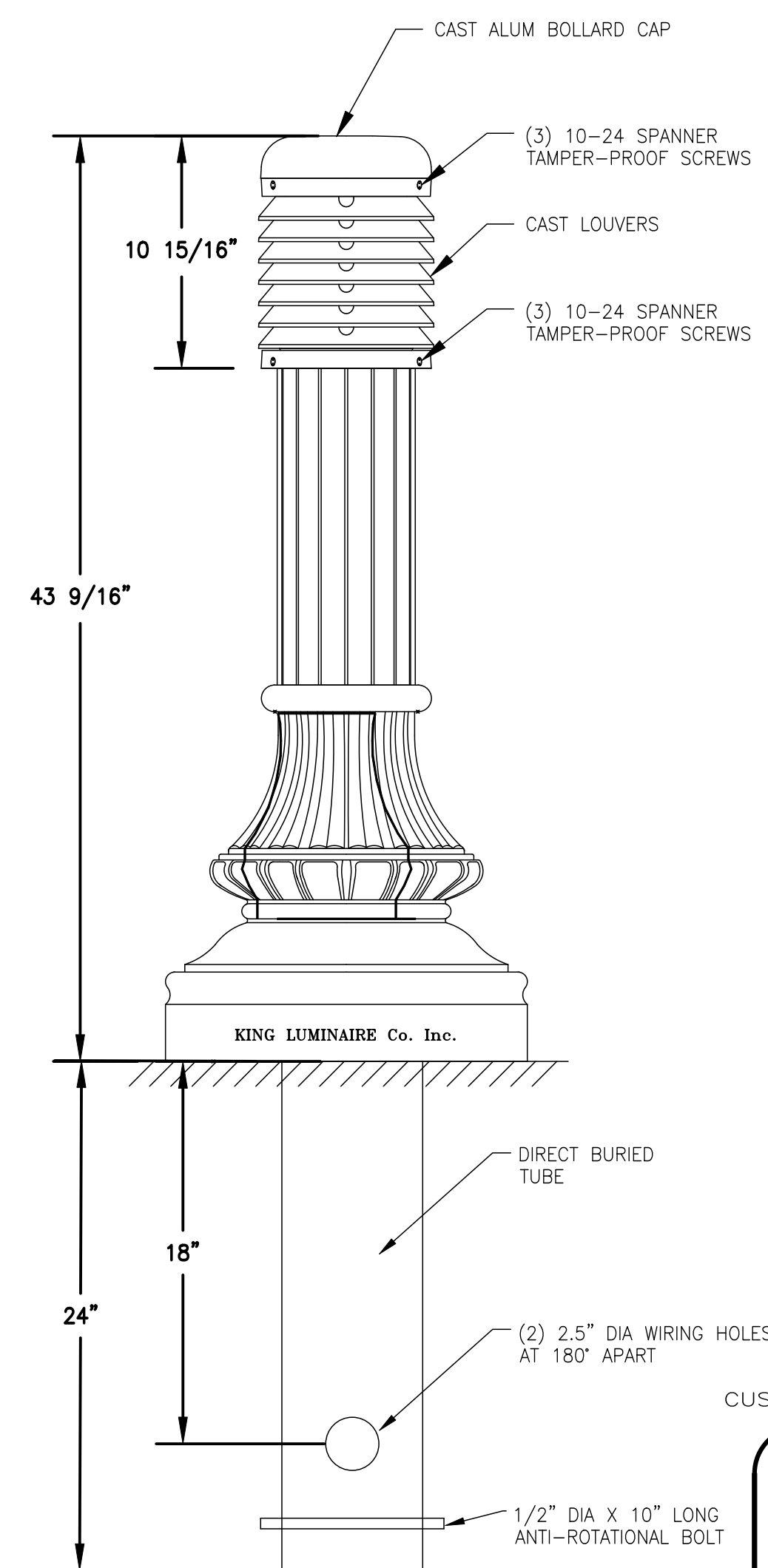
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DESCRIPTION: N/A
BASIS OF BEARINGS: N/A

ΑΡΙΘΜΟΣ	ΠΕΡΙΓΡΑΦΗ	ΜΕΤΡΗΣΗ

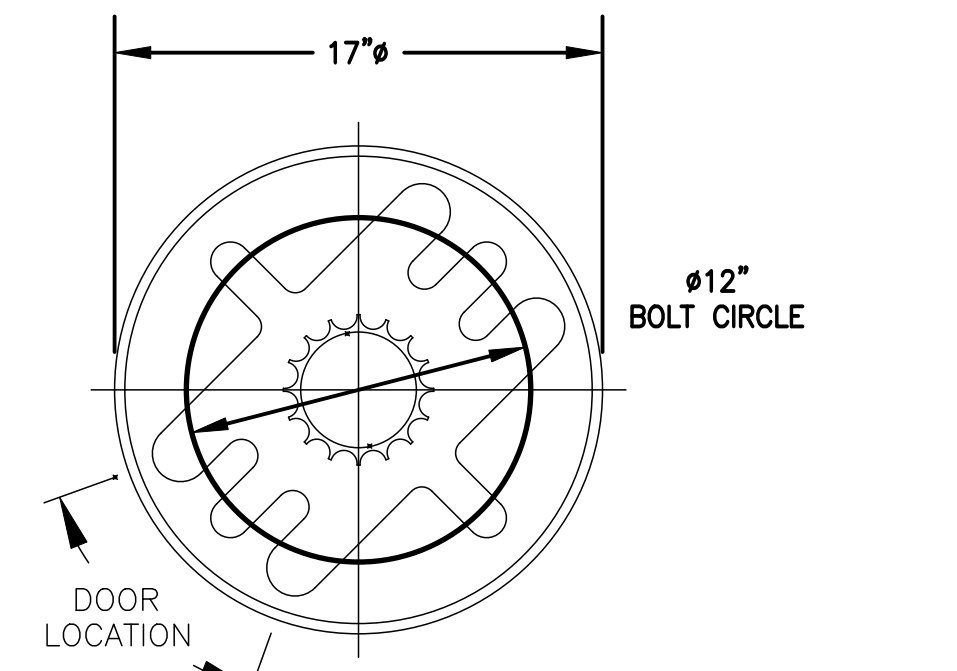
9 5373-811

ΥΠΟΛΟΓΙΣΜΟΙ

REV.	ALTERATION	DATE	BY



ΠΥΡΟΦΩΤΙΣΜΟΣ
ΚΑΛΥΜΑΤΟΣ ΚΑΠ
 ΣΧΕΔΙΑΣΜΟΣ ΕΦΕΣ
 Α. ΜΑΡΤΙΝΟΣ
 ΔΕΛΤΑ ΕΝΓΕΝΕΙΛΙΣ
 ΠΥΡΟΦΩΤΙΣΜΟΣ
 ΚΑΛΥΜΑΤΟΣ ΚΑΠ
 ΤΥΠΟΣ ΠΥΡΟΦΩΤΙΣΜΟΣ
 ΚΑΛΥΜΑΤΟΣ ΚΑΠ
 ΚΑΤΑΣΤΑΣΗ
 ΜΕΛΕΤΗ



CUSTOMER ORDER No: **ΔΦΦΙΔΙ**

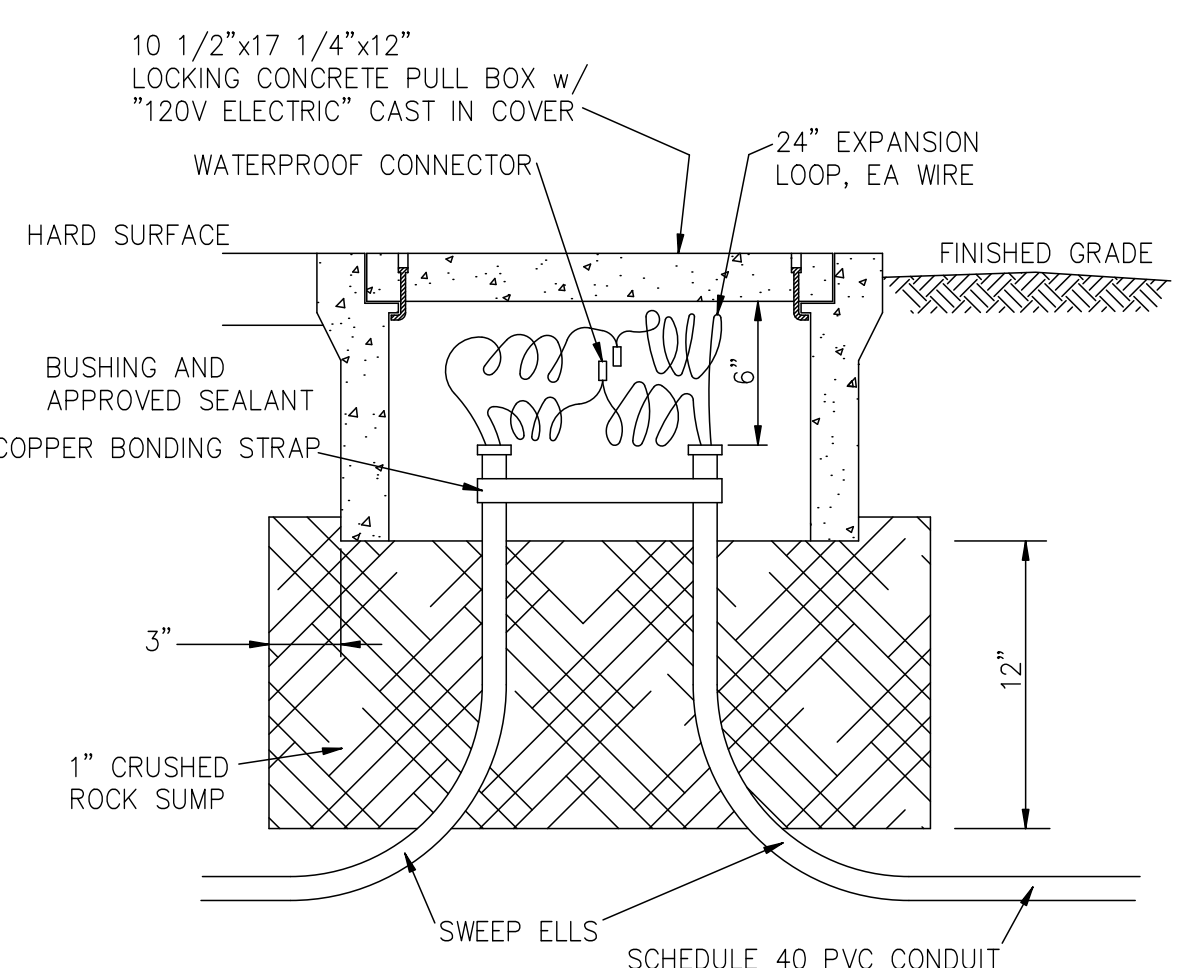
KMFG. ORDER No: **Ε**

KING U.S. ORDER No: **ΣΩΠΕΙ ΦΦΦ Γ**

CUSTOMER APPROVAL & DATE:

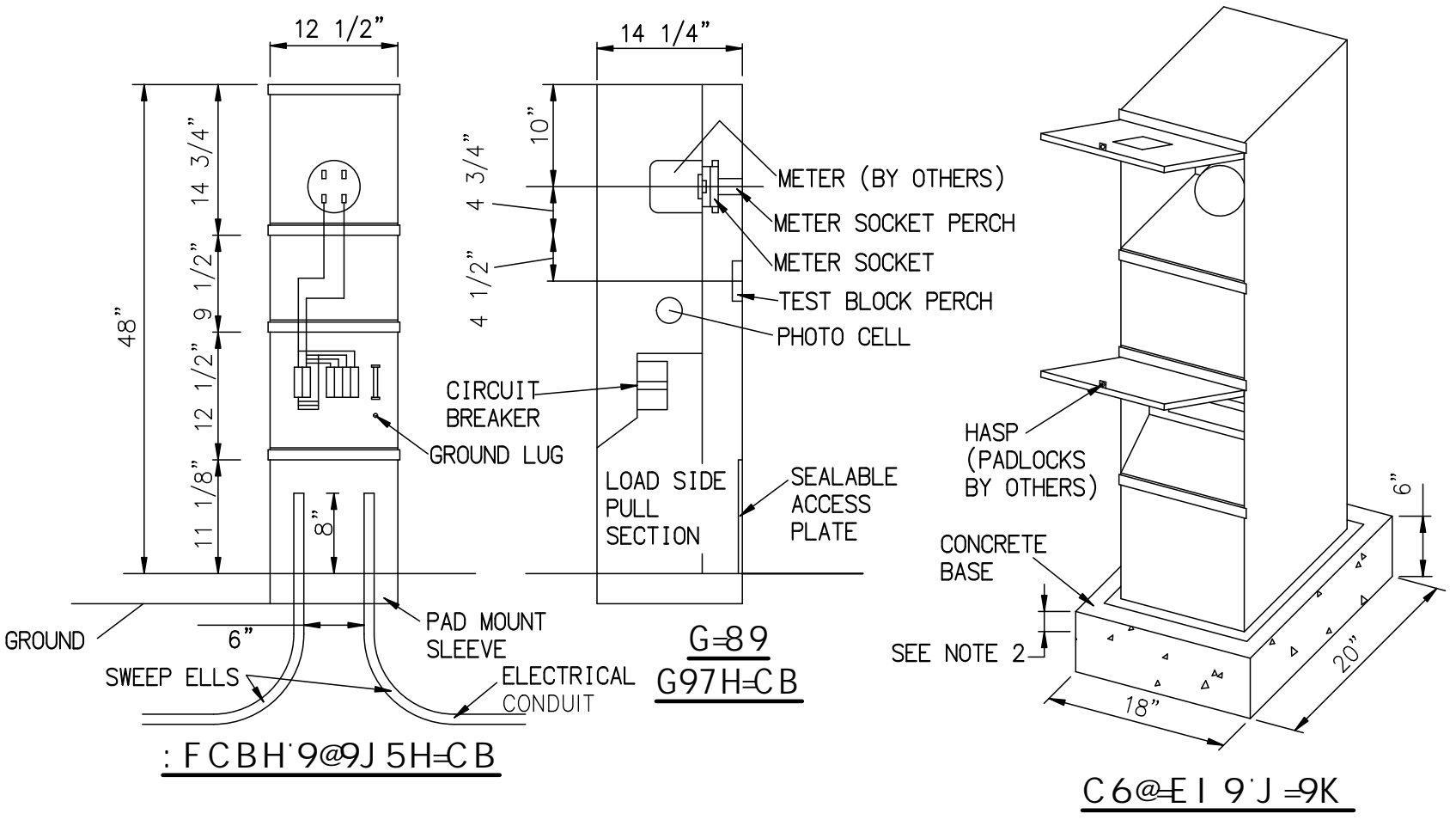
		King Luminaire • Stresscrete • Est. 1953 STRESSCRETE GROUP				
<i>Manufacturing Locations:</i> Burlington, Ontario 1-800-268-7809 Northport, Alabama 1-800-435-6563 Atchison, Kansas 1-800-837-1024 Jefferson, Ohio 1-800-268-7809						
PROJECT/CUSTOMER: ΟΙΚΟΠΟΣΤΑΣΙΑΣ ΟΙΚΟΔΟΜΗΣ		DRAWN BY: ΧΕΚΕ	AT: ΥΟΦ	CHECKED BY: ΦΦΦ	DATE: ΦΦ ΦΦ	REVISION:
DRAWING TYPE: ΑΥΤΟΥΧΕΙ ΟΔΟΥ		DRAWING NUMBER: ΣΩΠΕΙ ΦΦΦ Γ				

ΟΙ ΣΧΕΔΙΑΣΜΟΙ ΤΩΝ ΠΥΡΟΦΩΤΙΣΜΩΝ
 CONTRACTOR SHALL LAY OUT THE INITIAL LOCATIONS OF THE BOLLARD LIGHTS AND CITY STAFF WILL NOTE FIELD ADJUSTMENTS PRIOR ANY FOOTING EXCAVATIONS.



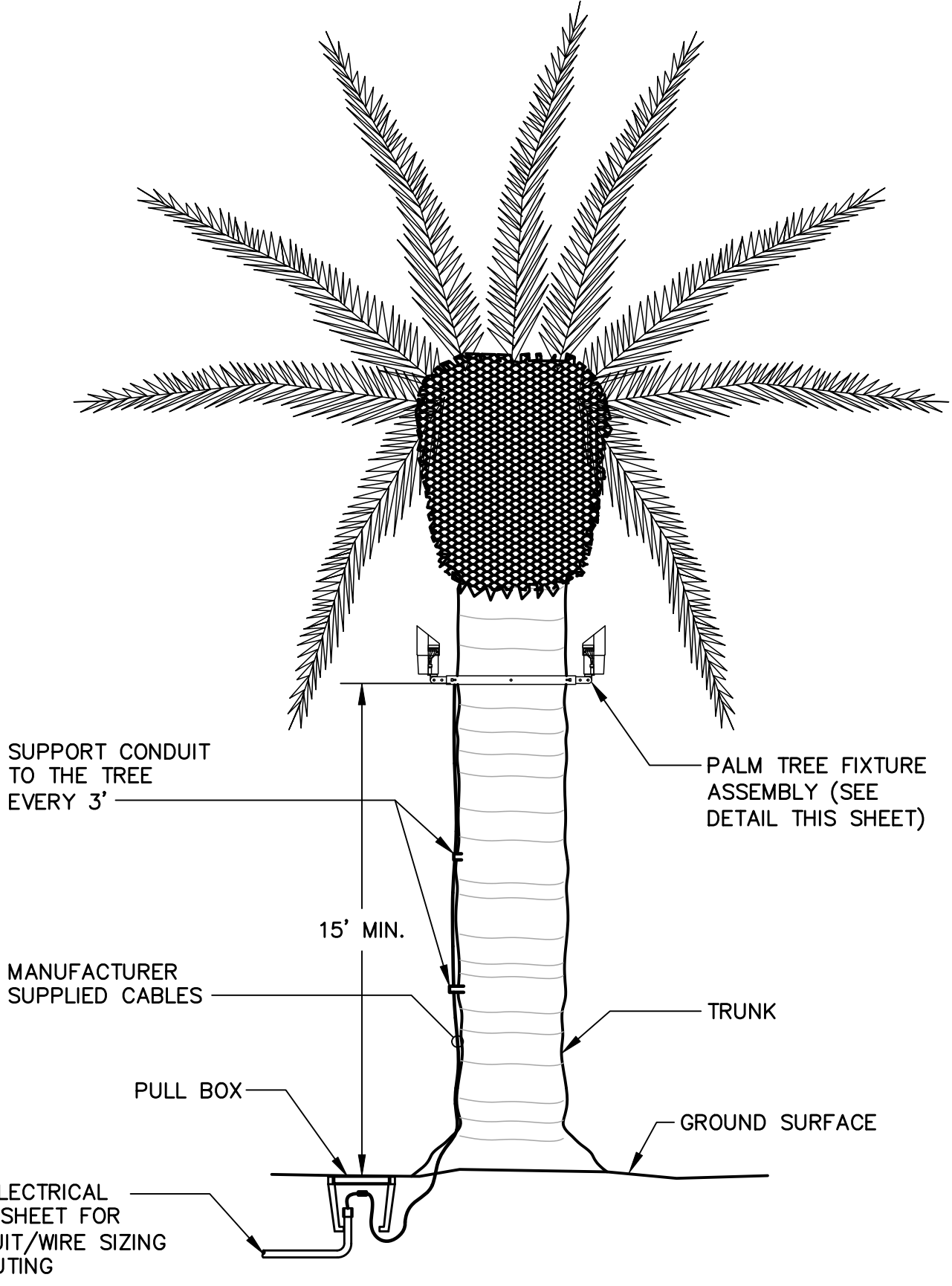
- NOTES:
- AREA AROUND BOX MAY BE PLANTED, HARD SURFACE, OR A COMBINATION OF BOTH.
 - TOP OF BOX:
 - AT GRADE FOR HARD SURFACE
 - 1/2" (12 mm) ABOVE GRADE FOR LAWN
 - 1" (25 mm) ABOVE GRADE FOR GROUND COVER OR SHRUBS
 - CRUSHED ROCK SHALL COVER ELECTRICAL BOX SIDE OPENINGS TO PREVENT SOIL ENTRY.
 - WATERPROOF CONNECTORS SHALL BE SUBJECT TO ENGINEER'S APPROVAL.

ΟΙΚΟΔΟΜΗΣ ΟΙΚΟΔΟΜΗΣ
 NOT TO SCALE

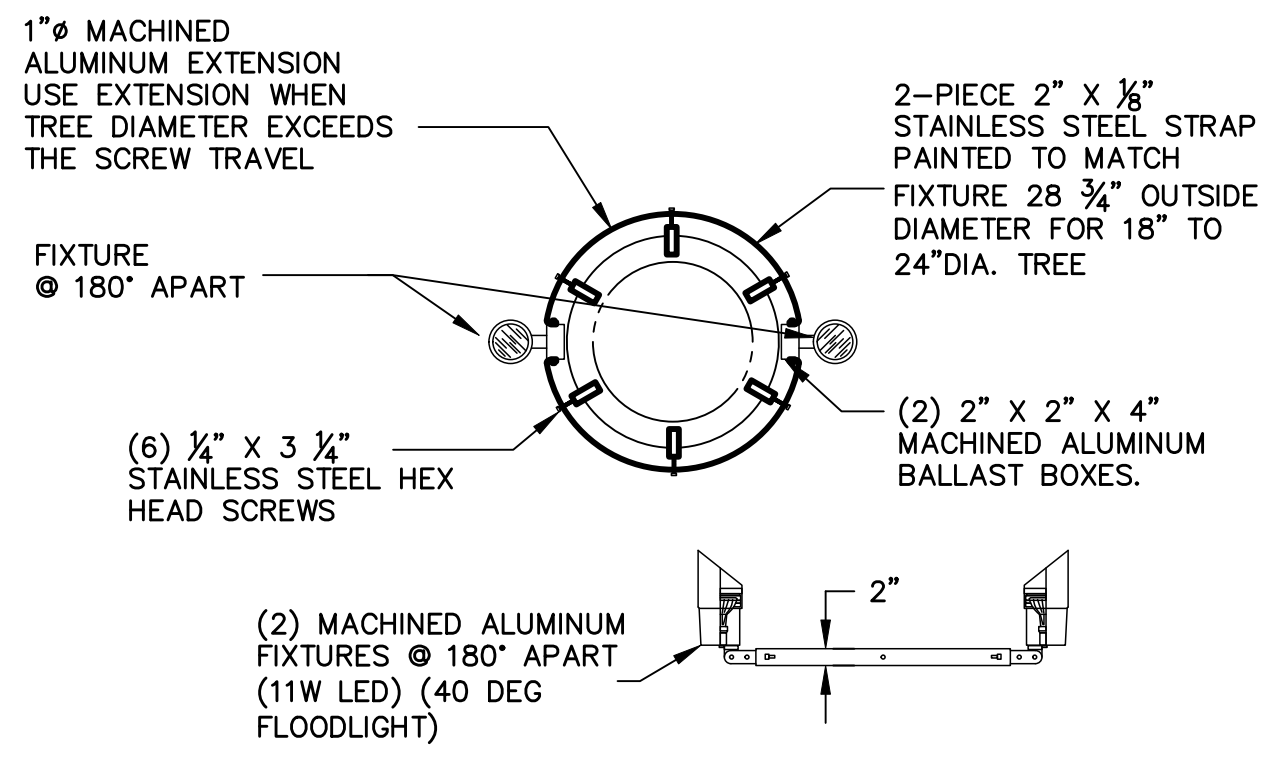


- NOTES:
- AREA AROUND BOX MAY BE PLANTED, HARD SURFACE, OR A COMBINATION OF BOTH.
 - TOP OF CONCRETE BASE:
 - 4" ABOVE GRADE FOR HARD SURFACE
 - 6" ABOVE GRADE FOR LAWN
 - 6" ABOVE GRADE FOR GROUND COVER OR SHRUBS
 - CONCRETE BASE SHALL BE CLASS 450-C-2000 (265-C-14)
 - CONTRACTOR SHALL FILL PAD MOUNT WITH 1" CRUSHED ROCK 12"
 - MATERIAL (UNLESS OTHERWISE NOTED):
 - BODY - 12 GAGE GALVANIZED STEEL
 - DEAD FRONT AND COVERS - 16 GAGE GALVANIZED STEEL
 - FINISH - IRON PHOSPHATE DIP, ZINC CHROMATE PRIME, TAN BAKED ENAMEL SURFACE
 - CABINET SHALL INCLUDE 2 POLE MAIN CIRCUIT BREAKER, 100A WITH A MINIMUM OF 10 SLOTS.

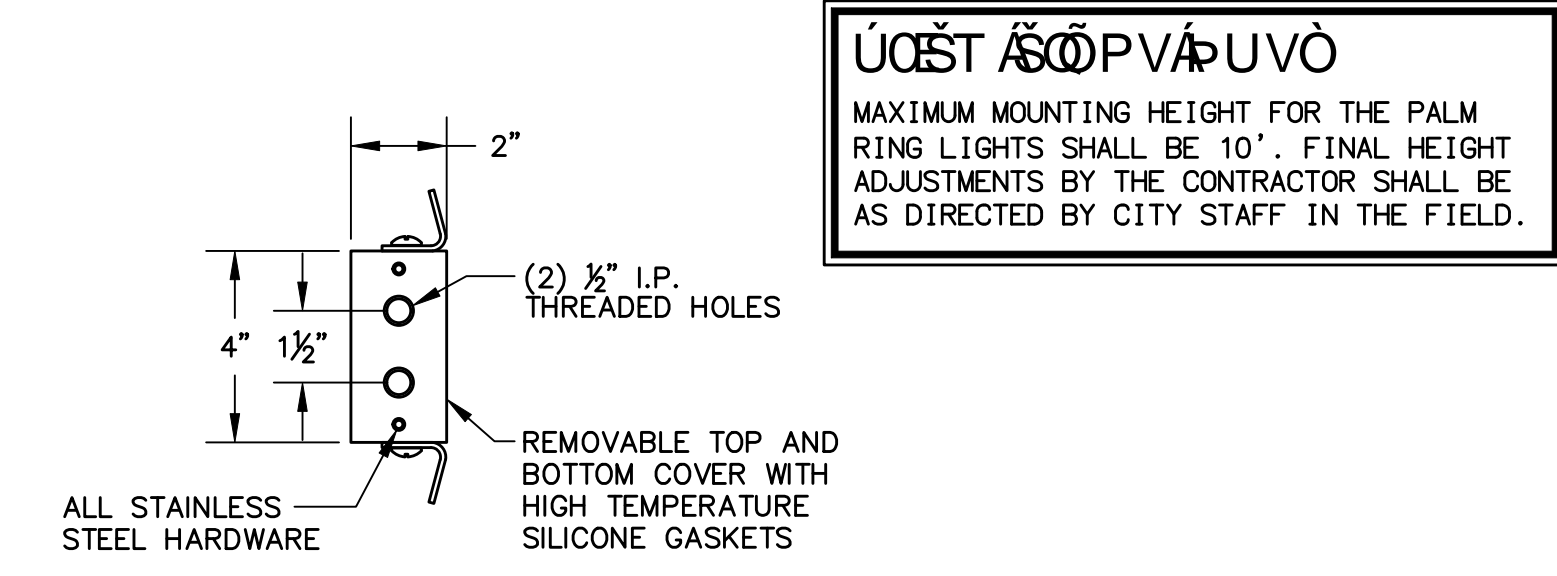
Τ ΟΥΟΥ ΑΙ Ο ΟΥ ΟΥ ΟΥ
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ΟΙΚΟΔΟΜΗΣ ΟΙΚΟΔΟΜΗΣ
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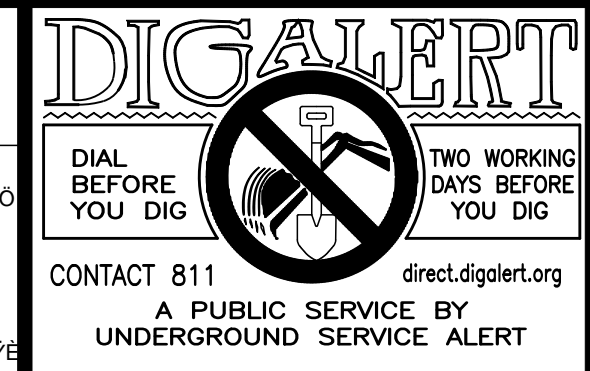


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 NOT TO SCALE



ΟΙΚΟΔΟΜΗΣ ΟΙΚΟΔΟΜΗΣ
 MAXIMUM MOUNTING HEIGHT FOR THE PALM RING LIGHTS SHALL BE 10'. FINAL HEIGHT ADJUSTMENTS BY THE CONTRACTOR SHALL BE AS DIRECTED BY CITY STAFF IN THE FIELD.

BENCHMARK: N/A
 DESCRIPTION: N/A
 BASIS OF BEARINGS: N/A



01	05/20	00000	00000
02	05/20	00000	00000
03	05/20	00000	00000
04	05/20	00000	00000
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18	05/20	00000	00000
19	05/20	00000	00000
20	05/20	00000	00000

957J @ B7
 PUBLIC HEALTH & SAFETY
 75 SE (S) 1st St, KKK 9 5B7J @ B7A

ΟΙΚΟΔΟΜΗΣ ΟΙΚΟΔΟΜΗΣ

ΟΙΚΟΔΟΜΗΣ ΟΙΚΟΔΟΜΗΣ

ΟΙΚΟΔΟΜΗΣ ΟΙΚΟΔΟΜΗΣ

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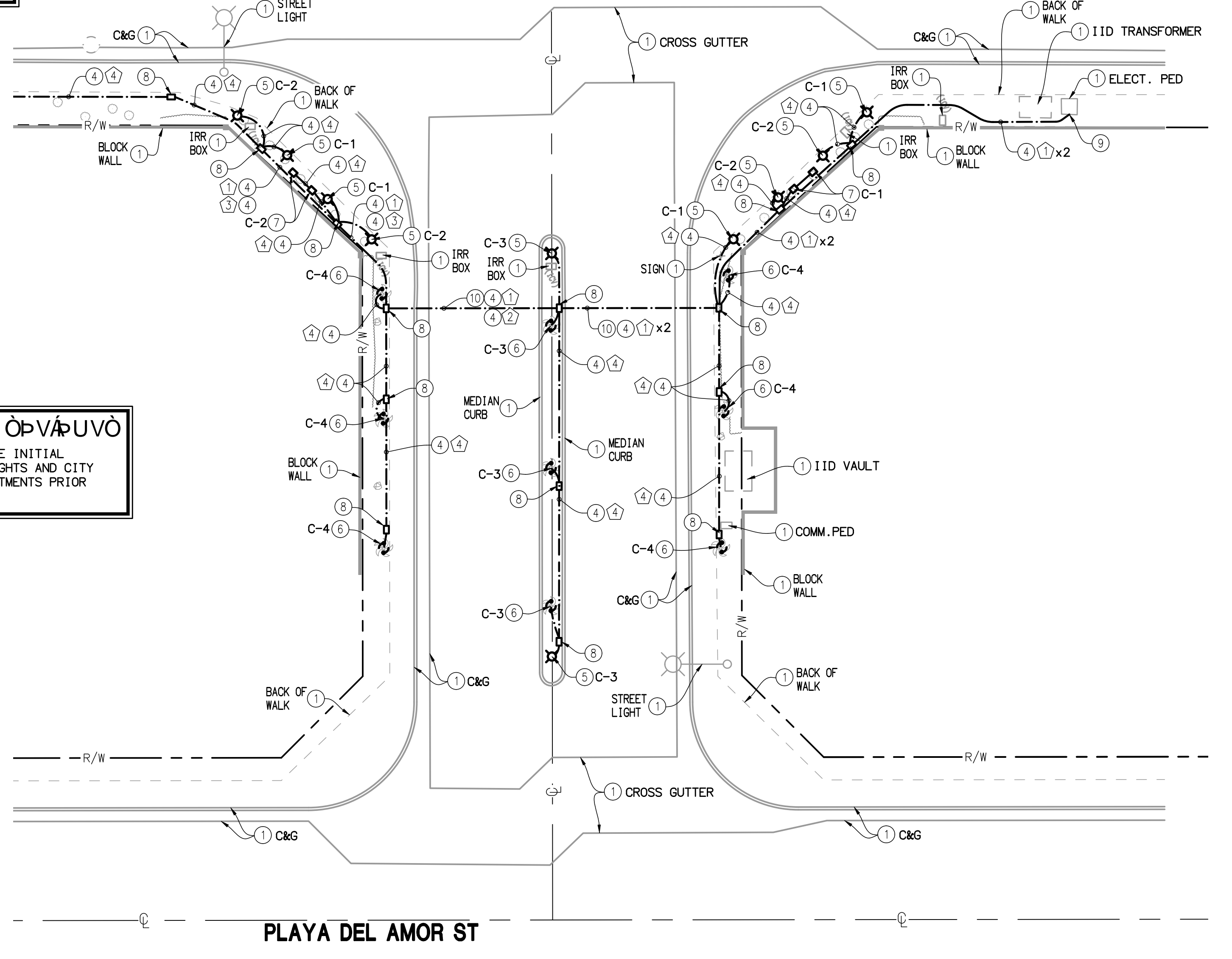
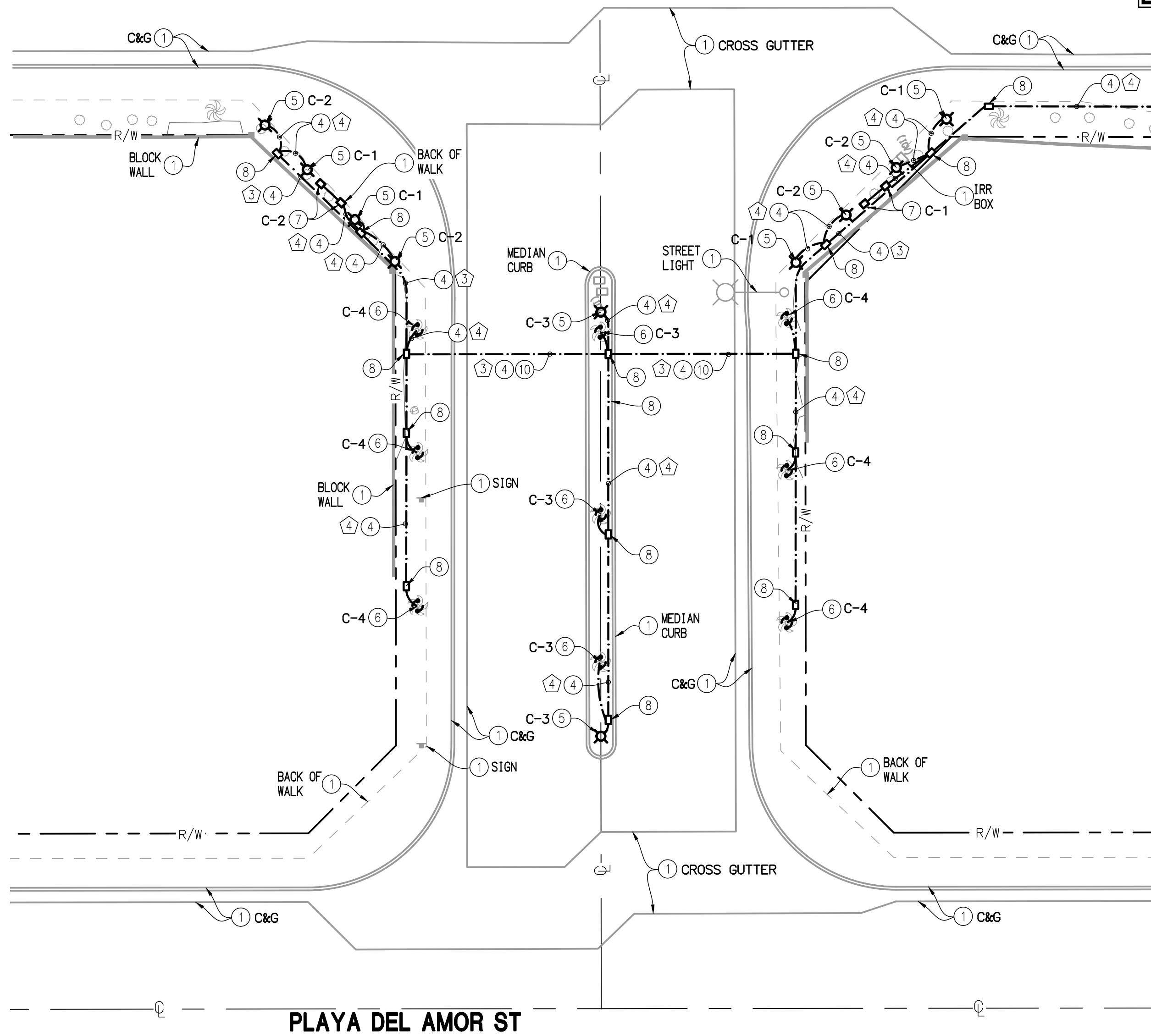
SCALE: 1"=15'

SCALE: 1"=15'

JACKSON ST

JACKSON ST

ΦΥΛΑΞΙΑ ΔΕΔΟΜΕΝΩΝ
F&I CONDUIT FROM PULL BOX @ NORTH SIDE OF PUERTECITOS TO SOUTH SIDE OF LOS MOGHIS, L=672'. F&I ONE ADDITIONAL PULL BOX MID POINT OF CONDUIT RUN.



ΟΙ ΣΤΕΛΕΣ ΤΩΝ ΔΕΔΟΜΕΝΩΝ
CONTRACTOR SHALL LAY OUT THE INITIAL LOCATIONS OF THE BOLLARD LIGHTS AND CITY STAFF WILL NOTE FIELD ADJUSTMENTS PRIOR ANY FOOTING EXCAVATIONS.

PLAYA DEL AMOR ST

PLAYA DEL AMOR ST

ΥΠΟΔΟΜΗ

ΣΥΛΛΕΞΙΜΟ

ΟΡΝΗΤΙΚΗ ΦΩΤΟΦΑΝΕΡΟΤΗΤΑ
THE LIGHTING DEPICTED HEREON IS INTENDED AS AESTHETIC / DECORATIVE DEVELOPMENT ENTRANCE LIGHTING IS NOT A SUBSTITUTE FOR INTERSECTION SAFETY LIGHTING.

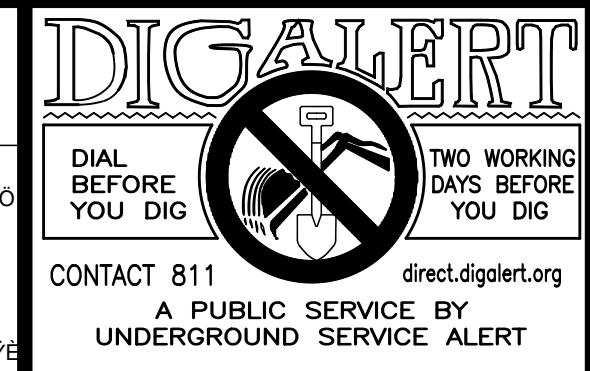
- ΦΥΛΑΞΙΑ ΔΕΔΟΜΕΝΩΝ
- 1) 1.5" C 8#8 & 1#8 GND
 - 2) 1.5" C 6#8 & 1#8 GND
 - 3) 1.5" C 4#8 & 1#8 GND
 - 4) 1.5" C 2#8 & 1#8 GND

ΜΕΤΡΗΣΗ ΚΑΤΕΥΘΥΝΣΗΣ
MAXIMUM MOUNTING HEIGHT FOR THE PALM RING LIGHTS SHALL BE 10'. FINAL HEIGHT ADJUSTMENTS BY THE CONTRACTOR SHALL BE AS DIRECTED BY CITY STAFF IN THE FIELD.

SCALE: 1"=15'

- ΦΥΛΑΞΙΑ ΔΕΔΟΜΕΝΩΝ
- 1) PROTECT IN PLACE
 - 2) F&I 2" PVC CONDUIT w/ CONDUCTORS
 - 3) F&I BOLLARD LIGHT PER DETAIL ON SHEET 2, OR APPROVED EQUAL
 - 4) F&I PALM TREE RING LIGHT PER DETAIL ON SHEET 2, OR APPROVED EQUAL
 - 5) F&I PRECAST CONCRETE UPLIGHT PER DETAIL ON SHEET 5, OR APPROVED EQUAL
 - 6) F&I ELECTRICAL PULLBOX PER DETAIL ON SHEET 2
 - 7) CONNECT CONDUIT TO EXISTING PEDESTAL
 - 8) DIRECTIONAL BORE STREET CROSSING (12"-24" DEEP)

ΠΡΟΒΛΗΤΕΣ
DIGIALERT
DIAL BEFORE YOU DIG
CONTACT 811
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT



BENCHMARK: N/A
DESCRIPTION: N/A
BASIS OF BEARINGS: N/A

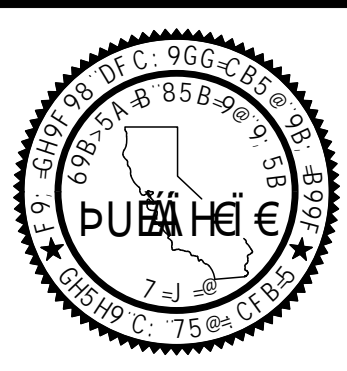
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Α/Α	ΑΡΙΘΜΟΣ	ΠΕΡΙΓΡΑΦΗ	ΜΕΤΡΗΣΗ	ΣΗΜΕΙΟ

Α/Α	ΑΡΙΘΜΟΣ	ΠΕΡΙΓΡΑΦΗ	ΜΕΤΡΗΣΗ	ΣΗΜΕΙΟ



ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΣΧΕΔΙΟ
ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΝΟΜΟΣ ΚΑΡΔΙΝΗΣ



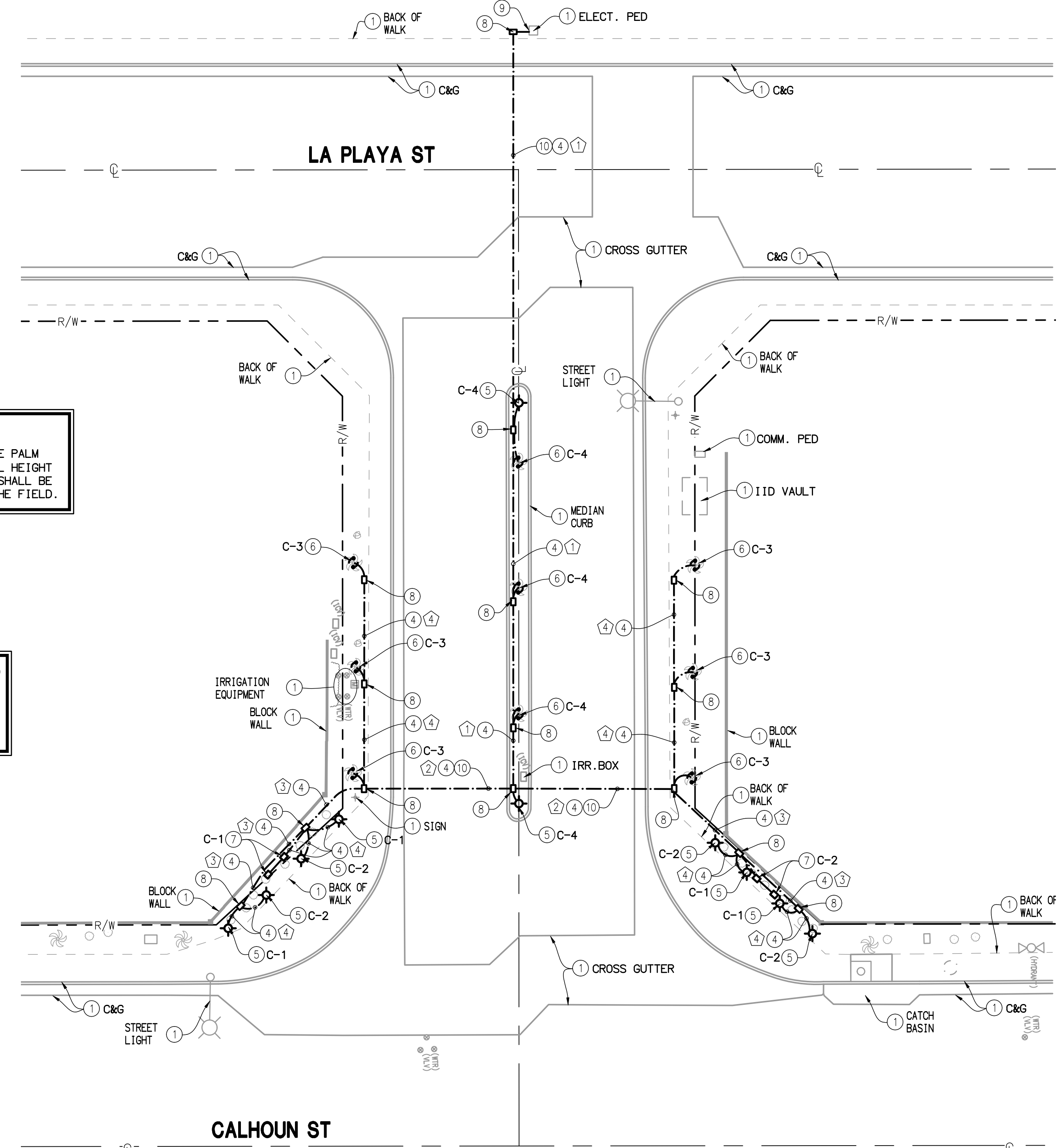
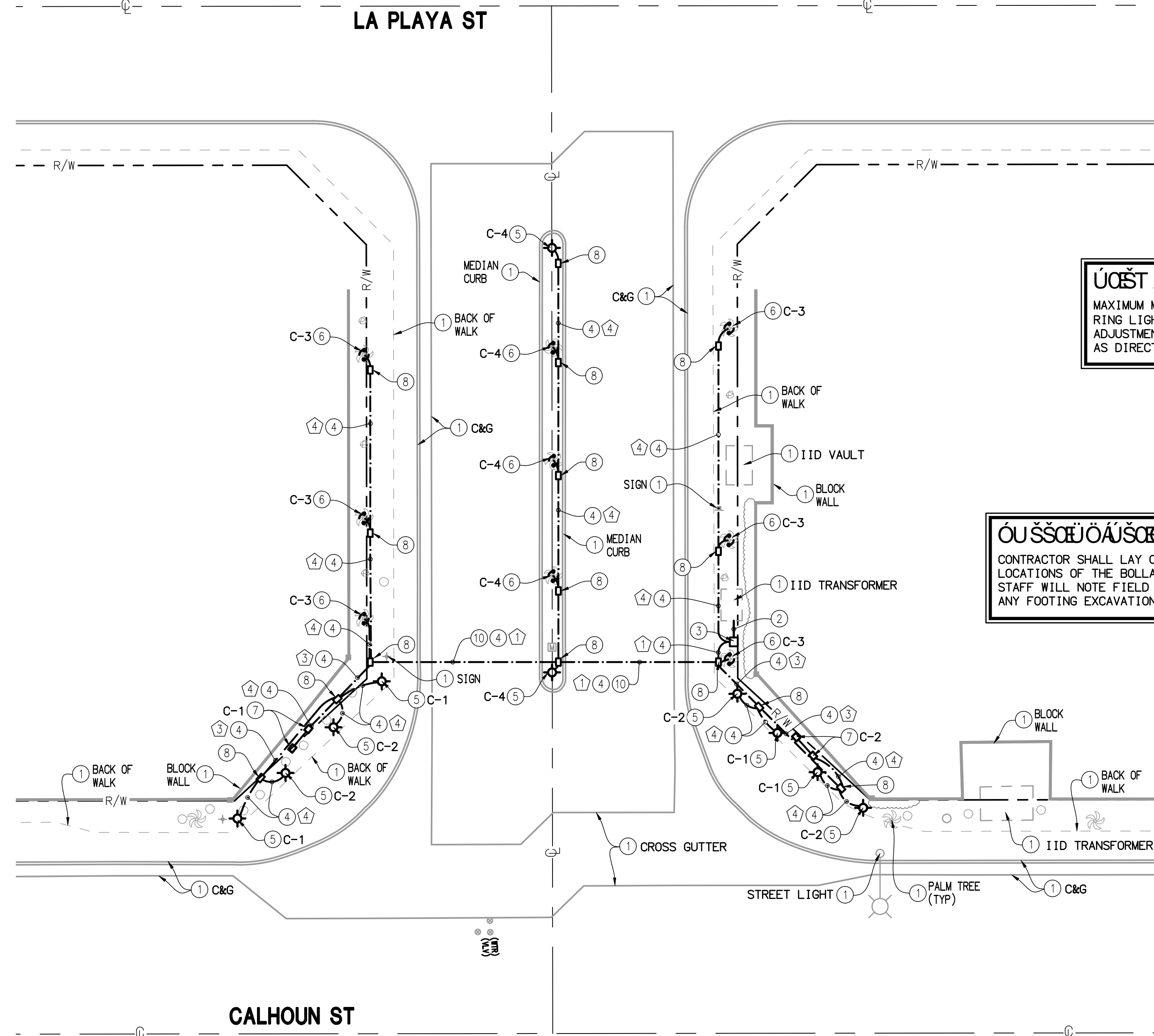
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ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΣΧΕΔΙΟ
ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΝΟΜΟΣ ΚΑΡΔΙΝΗΣ

ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΣΧΕΔΙΟ
ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΝΟΜΟΣ ΚΑΡΔΙΝΗΣ

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SCALE: 1"=15'

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ΥΨΕΣ ΛΟΠΝΑΥΩ
 MAXIMUM MOUNTING HEIGHT FOR THE PALM RING LIGHTS SHALL BE 10'. FINAL HEIGHT ADJUSTMENTS BY THE CONTRACTOR SHALL BE AS DIRECTED BY CITY STAFF IN THE FIELD.

ΟΥ ΣΣΕΙΟΑΥΣΕΙΟΤ ΟΡΝΑΥΩ
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ΟΡΝΥΑΕΟΑΥΣΕΙΟΤ ΟΡΝΑΥΩ
 THE LIGHTING DEPICTED HEREON IS INTENDED AS AESTHETIC / DECORATIVE DEVELOPMENT ENTRANCE LIGHTING IS NOT A SUBSTITUTE FOR INTERSECTION SAFETY LIGHTING.

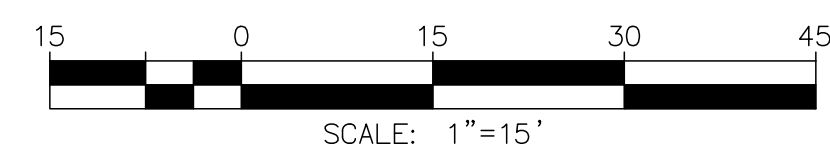
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ΟΥΡΥΝΥΩΝΩΡΑΥΩ

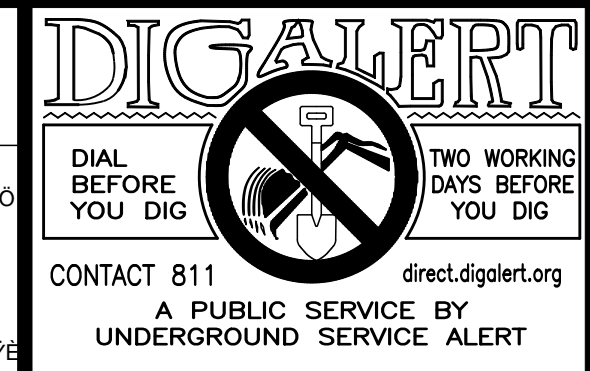
ΟΥΡΩΝΩΒΑΥΩ

- ① 1.5"C 8#8 & 1#8 GND
- ② 1.5"C 6#8 & 1#8 GND
- ③ 1.5"C 4#8 & 1#8 GND
- ④ 1.5"C 2#8 & 1#8 GND



- ① PROTECT IN PLACE
- ② F&I 2" SCH 40 PVC, I.I.D CONDUIT
- ③ F&I ELECT. METER PED PER DETAIL ON SHEET 2 (100A) (TAN COLOR) w/ PHOTO CELL
- ④ F&I 2" PVC CONDUIT w/ CONDUCTORS
- ⑤ F&I BOLLARD LIGHT PER DETAIL ON SHEET 2, OR APPROVED EQUAL
- ⑥ F&I PALM TREE RING LIGHT PER DETAIL ON SHEET 2, OR APPROVED EQUAL
- ⑦ F&I PRECAST CONCRETE UPLIGHT PER DETAIL ON SHEET 5, OR APPROVED EQUAL
- ⑧ F&I ELECTRICAL PULLBOX PER DETAIL ON SHEET 2
- ⑨ CONNECT CONDUIT TO EXISTING PEDESTAL
- ⑩ DIRECTIONAL BORE STREET CROSSING (12"-24" DEEP)

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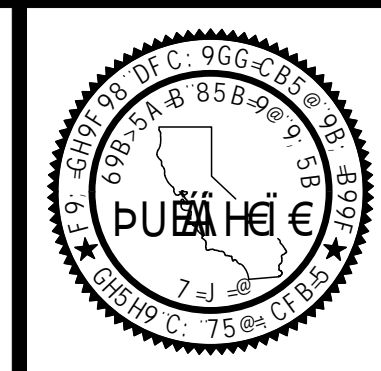
BENCHMARK:
 BENCHMARK: N/A
 DESCRIPTION: N/A
 BASIS OF BEARINGS: N/A

ΟΥ	ΟΣΙΟ	ΥΨΑΥΩ	ΟΠΥ

ΟΠΥ	ΟΣΙΟ	ΥΨΑΥΩ	ΟΠΥ



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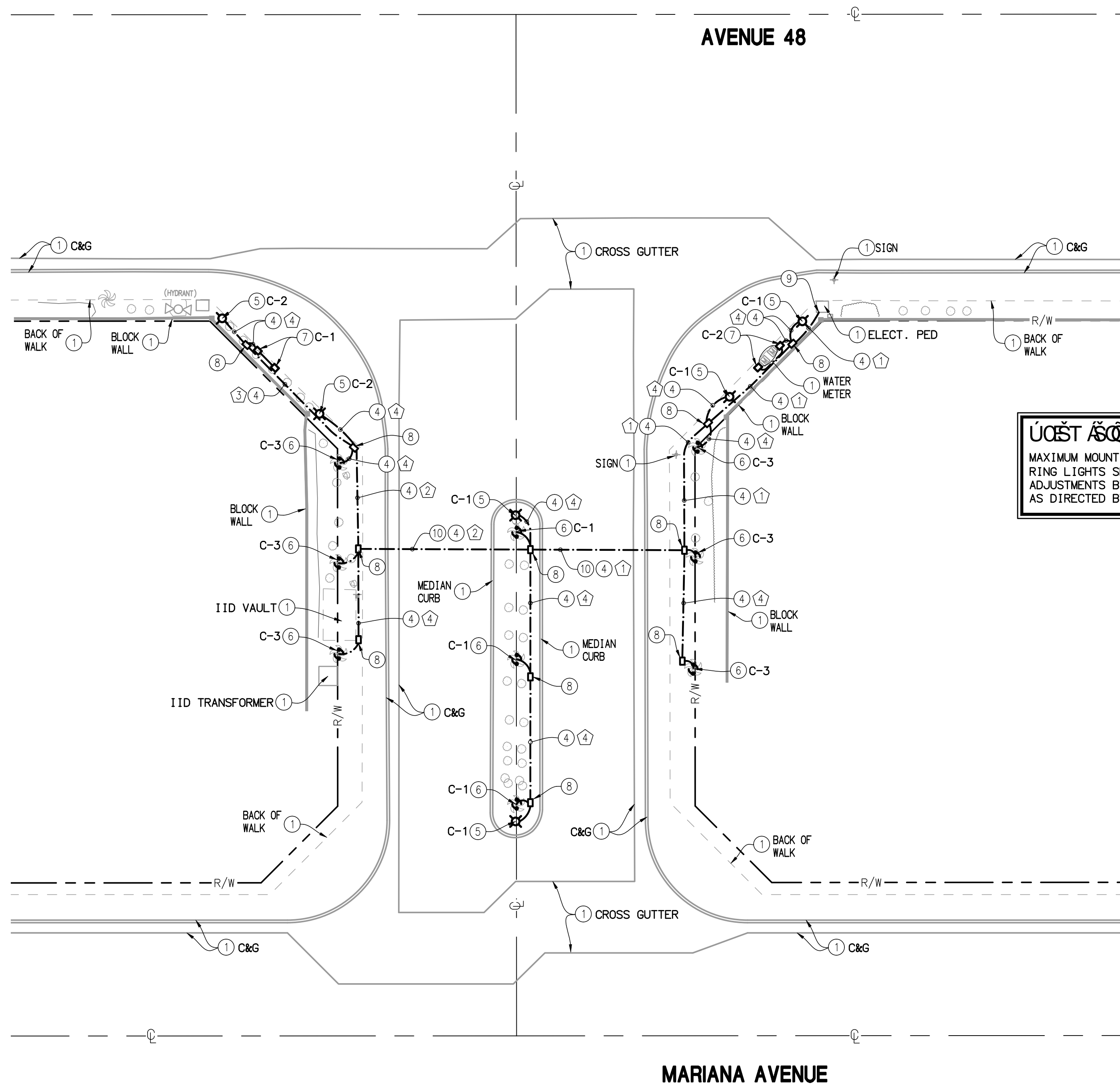


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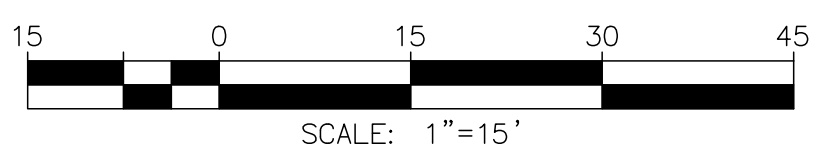
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- ΟΡΒΩΝΑΥΩ ΦΩ**
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 - 4 1.5" C 2#8 & 1#8 GND

Litelines

Catalog #: _____
 Job: _____
 Type: _____ Voltage: _____

CFS Series

Structural
 Precast concrete floodlight cast from natural stone aggregates and "Portland Cement" conforming to ASTM standards. Process will allow for complete hydration resulting in a 28 day compressive strength of not less than 4,000 psi. Concrete housing is cast with a large wiring chamber for feed-thru conduit connections.

Luminaire
 The luminaire shall be an injection molded polycarbonate body with semi-specular reflector. The lens shall be an injection molded polycarbonate, and shall be secured with (4) stainless steel fasteners.

Optical System
 Linear array module are available in 700 or 1400 lumen output and standard 3500K color temperature. Consult factory for other color temperatures.

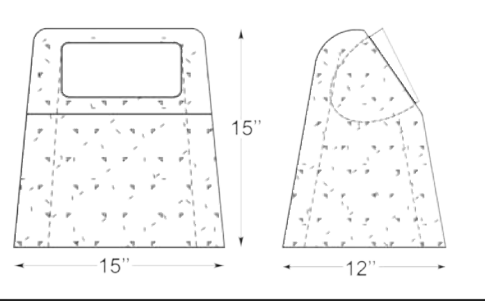
Electrical
 Constant Current Driver: Input @ 100-120V tolerance -40oF, starting temperature. All drivers are Underwriters Laboratories recognized.

Surface
 The precast concrete shall be available in the following finishes: Mold Finish ("MF"), Sandblast ("LS") or Exposed Aggregate ("EA"). Consult factory for special aggregates and surface textures.

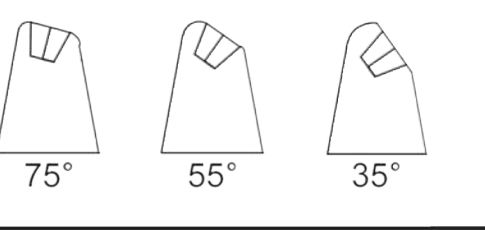
Color
 The concrete shall be available in the following standard colors: Natural Grey Cement (N), Brown (BR), White (WH), Buff (BU), Copper (CO) and Black (BK). Consult factory for other colors.

Mounting
 CFS Floodlights are standard direct burial (DB) or optional anchor base (AB) for installation with a concrete footing (by others). Manufacturer recommends a minimum burial of 2'-3" below finished grade. Consult factory for other mounting configurations.

Dimensions



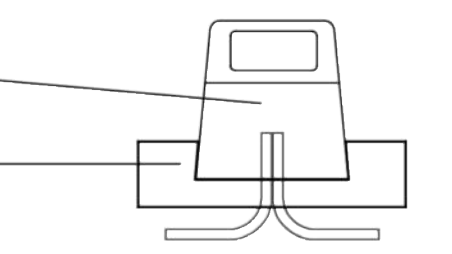
Aiming Angles



Mounting

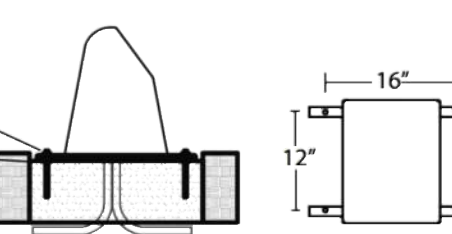
Direct Burial

Large feed-thru wiring chamber for multiple conduits
 Direct bury 2 to 3 inches in compacted soil



Anchor Base

(4) 3/8" anchors
 Finished grade
 Top of concrete footing 2 to 3 inches below finish grade



Ordering Information

Ordering Example: CFS-35-7-LED35-120-AB-N-MF-GS

CFS2	I I	FI	SOOH	FG	OO	OU	SU	
Series	Aiming Angle	Lumens	Volts	Concrete Color	Concrete Finish	Anchor	Options	
	35 55 75	7 = 700 14 = 1400	SV 120	N Natural BR Brown WH White BU Buff CO Copper BK Black SP Special	MF Mold Finish LS Light Sandblast EA Exposed Aggregate	DB Direct Burial AB Anchor Base	GS Glaze & Seal Wet Look Clear Coat REC Weatherproof Receptacle HDL Heavy Duty Polycarbonate Lens	

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ΟΡΒΥΩΝΩΝ ΟΡΒΑΥΟ

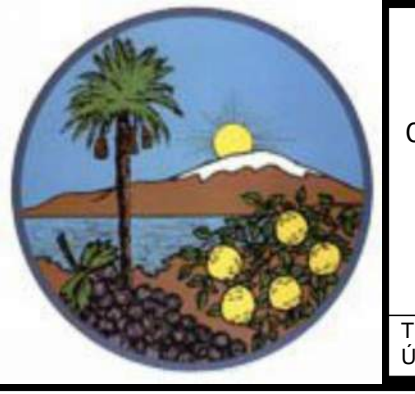
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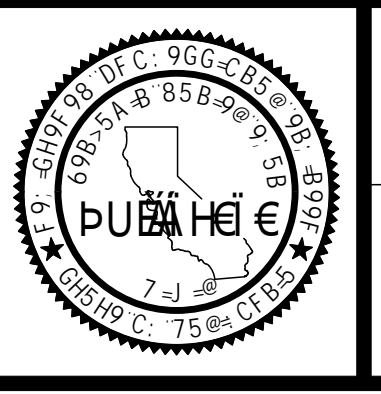
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ΟΟΥΕ	ΟΟΥΟ



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