

RESOLUTION NO. 25-4896

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MURRIETA, CALIFORNIA, ADOPTING THE CITY PUBLIC WORKS STANDARD DRAWINGS

WHEREAS, On August 18, 1992, the City Council adopted Ordinance No. 66 adopting City Public Works Standard Plans and repealing County of Riverside Ordinances 461, 461.1, 461.2, 461.3, 461.4, 461.5, 461.6, and 461.7;

WHEREAS, On December 1, 1998, the City Council adopted Ordinance No. 198-98 adopting City Public Works Standard Drawings and repealing City of Murrieta Ordinance 66;

WHEREAS, On July 2, 2002, the City Council adopted Ordinance No. 259-02 adopting City Public Works Standard Drawings for rural roads;

WHEREAS, On January 18, 2005, the City Council adopted Ordinance No. 319-05 amending Ordinance 259-02 City Public Works Standard Drawings for rural roads;

WHEREAS, On December 15, 2009, the City Council adopted Ordinance No. 429-09 repealing Ordinances 198-98, 259-02, and 319-05 and adopting City Public Works Standard Drawings;

WHEREAS, Ordinance No. 429-09 authorized the Director of Public Works/City Engineer to prepare future changes to the City Public Works Standard Drawings and present to City Council for approval by Resolution; and

WHEREAS, the City Engineer desires to make further changes to the City Public Works Standard Drawings by deleting Standard Drawing No 114, modifying Standard Drawing Nos. 116, 619, and 620, and adding Standard Drawing No. 620C.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF MURRIETA, CALIFORNIA DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. For the purpose of establishing proper standards, specifications, and directions for design and construction of any road, or other land division improvements required to be constructed in the City of Murrieta, the Standard Drawings cover page, table of contents, deletion of Standard Drawing 114 Arterial (Mountain) Highway, modifications to Standard Drawings 116 Roadway Design Requirements, 619 Residential Lighting, and 620 Arterial Highway Lighting, and addition of Standard Drawing 620C LS-2B Streetlight Connection Detail, are all amended as set forth in Exhibit "A" attached hereto.

Section 2. The remainder of City of Murrieta Ordinance No. 429-09, remains in effect subject to the changes referenced in Section 1 above.

Section 4. The City Clerk shall certify to the adoption of this Resolution.

PASSED AND ADOPTED this 18th day of November, 2025.

Cindy Warren, Mayor

ATTEST:

Cristal McDonald, City Clerk

APPROVED AS TO FORM:

Tiffany J. Israel, City Attorney

STATE OF CALIFORNIA)
COUNTY OF RIVERSIDE)§
CITY OF MURRIETA)

I, Cristal McDonald, City Clerk of the City of Murrieta, California, do hereby certify that the foregoing Resolution No. 25-4896 was duly passed and adopted by the City Council of the City of Murrieta at the regular meeting thereof, held on the 18th day of November, 2025, and was signed by the Mayor of the said City, and that the same was passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Cristal McDonald, City Clerk

Exhibit A

CITY OF MURRIETA

Department of Public Works



STANDARD DRAWINGS

Adopted by City Council

Ordinance 429-09

~~Effective January 14, 2010~~

Amended by Resolution No. 25-4896

Effective November 18, 2025

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- 607 [NOT USED]
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- 615b STREET TREE, DOUBLE STAKE TREE, 30" BOX OR GREATER
- 615c STREET TREE, MULTI TRUNK TREE, 24" BOX SIZE OR GREATER
- 615d TREE WELL
- 615e TREE WELL

600 MONUMENTING

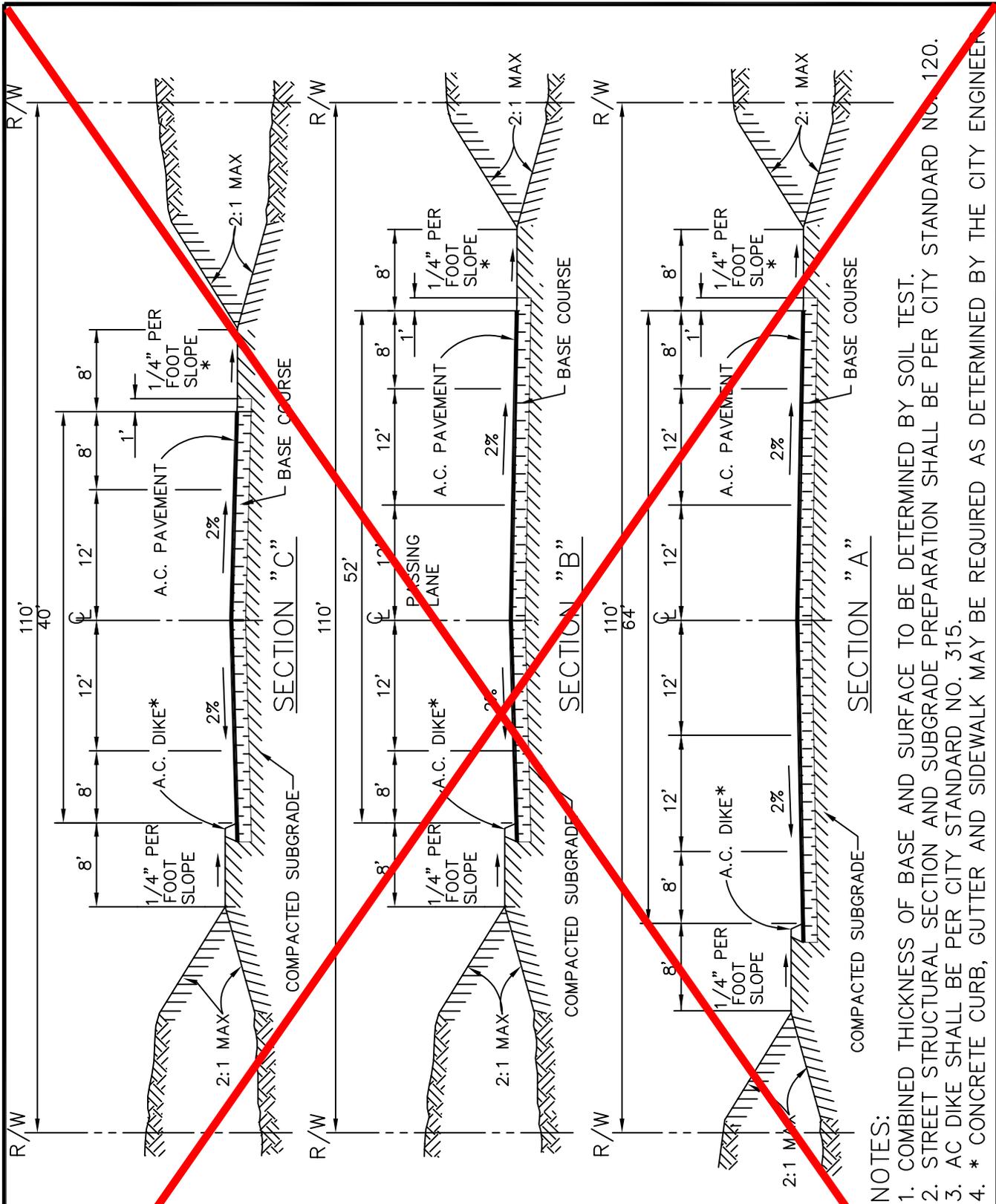
- 616 TIE-OUT STANDARDS
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- 620 ARTERIAL HIGHWAY LIGHTING [MODIFIED]
- 620a STREET LIGHT SPACING
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- 620c LS-2B STREET LIGHT CONNECTION DETAIL [NEW]

600 FIRE

- 621 FIRE ESCAPE ROUTE
- 622 FIRE SAFETY ZONE



- NOTES:
1. COMBINED THICKNESS OF BASE AND SURFACE TO BE DETERMINED BY SOIL TEST.
 2. STREET STRUCTURAL SECTION AND SUBGRADE PREPARATION SHALL BE PER CITY STANDARD NO. 120.
 3. AC DIKE SHALL BE PER CITY STANDARD NO. 315.
 4. * CONCRETE CURB, GUTTER AND SIDEWALK MAY BE REQUIRED AS DETERMINED BY THE CITY ENGINEER.

CITY OF MURRIETA
DEPARTMENT OF PUBLIC WORKS

REVISIONS	
5/92	
APPROVED 1/14/10	

**ARTERIAL (MOUNTAIN)
 HIGHWAY**

STD. NO.

114

REVISIONS	
5/92	
10/98	
APPROVED 1/14/10	

**CITY OF MURRIETA
DEPARTMENT OF PUBLIC WORKS**

**ROADWAY DESIGN
REQUIREMENTS**

STD. NO.

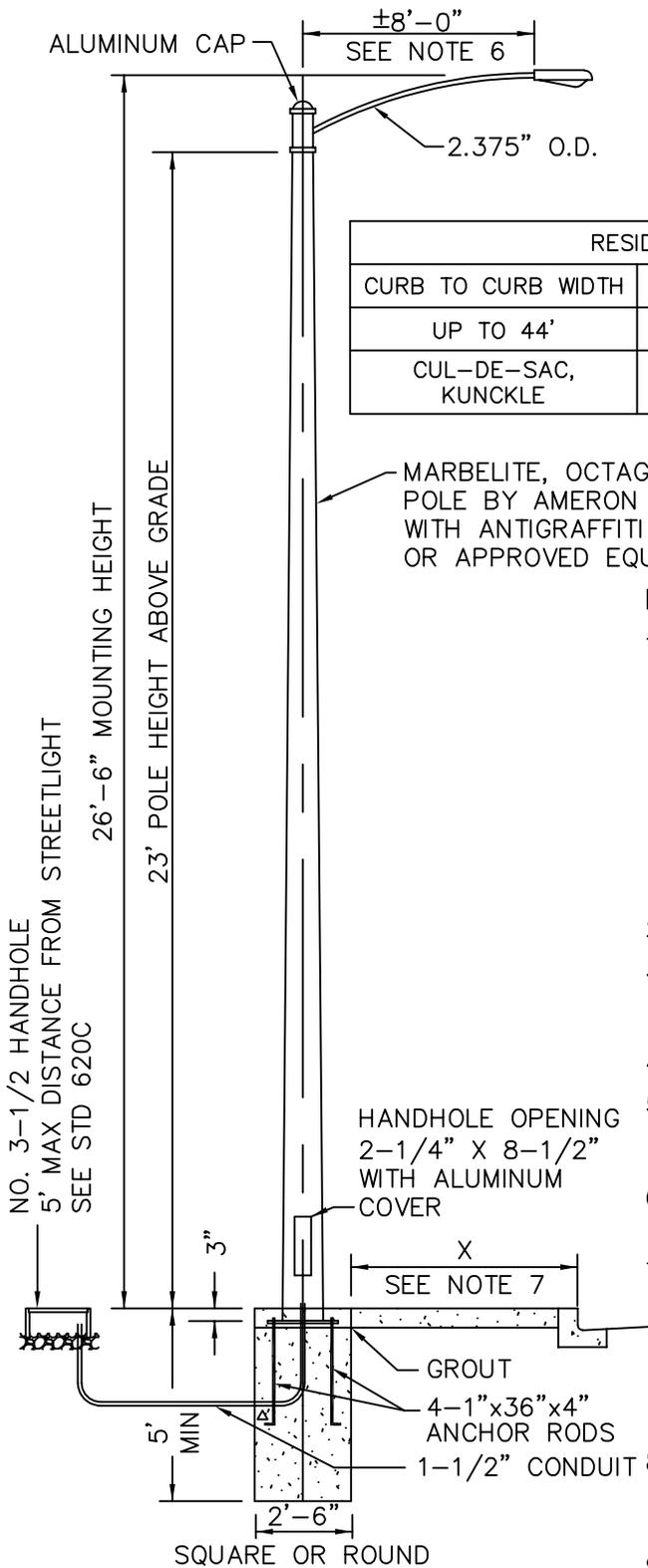
116

ROAD TYPE

	RESTRICTED LENGTH CUL-DE-SAC	SHORT LOCAL CUL DE SAC	LOCAL ROAD	COLLECTOR (RESIDENTIAL /INDUSTRIAL)	SECONDARY	MAJOR	MOUNTAIN ARTERIAL	ARTERIAL	URBAN ARTERIALS	EXPRESSWAY
R/W	50	60	60	66/78	88	100	110	110	120 134	142
SURFACED WIDTH CURB TO CURB	32	36	40	44/56	64	76	REFER TO STANDARD 114	86	98 110	86
PREFERRED RADI (HORIZONTAL)	300 300	300 300	300 300	850 550	1600 1000	2000 1600	850	2000 1600	2000 1600	2400 2000
	AS APPROVED BY THE CITY ENGINEER									
MAX. GRADE %	4 9 15	4 9 15	4 9 15	4 8 12	3 6 9	3 6 9	3	3 6 9	3 6 9	3 6 9
DESIGN SPEED	30 30	30 30	30 30	45 35	55 45	60 55	45	60 55	60 55	65 60
	AS APPROVED BY THE CITY ENGINEER (R=150' MIN.)									
INTERSECTION INTERVALS	NA	200	200	200	330	660	330	1320	1320	2640
					**	**	**	**	*	*

NOTES:

- ROADWAY DESIGN LESS THAN SHOWN REQUIRES ENGINEERING DEPARTMENT APPROVAL.
- MINIMUM STREET GRADE 1.0% UNLESS APPROVED BY CITY ENGINEER.
- PART-WIDTH STREET SECTIONS SHALL BE IMPROVED AND R/W CONVEYED AS SHOWN ON TYPICAL STREET SECTIONS.
 - * DIRECT ACCESS PROHIBITED.
 - ** RESIDENTIAL ACCESS PROHIBITED. COMMERCIAL/INDUSTRIAL DRIVEWAY ACCESS AS DETERMINED BY THE CITY ENGINEER.



RESIDENTIAL LED LIGHT FIXTURES		
CURB TO CURB WIDTH	GE EVOLVE SKU	BUG RATING
UP TO 44'	ERL1-1-02-B3-27-A-GRAY-L	1-0-1
CUL-DE-SAC, KUNCKLE	ERL1-1-02-D3-27-A-GRAY-L	0-0-1

MARBELITE, OCTAGONAL
POLE BY AMERON 1C123
WITH ANTIGRAFFITI COATING,
OR APPROVED EQUAL

NOTES:

1. LED LUMINAIRE SHALL BE:
 - 1.1. GENERAL ELECTRIC EVOLVE
 - 1.2. 120/240V
 - 1.3. 14 WATTS
 - 1.4. 2700K COLOR TEMPERATURE
 - 1.5. SEE TABLE ABOVE FOR SPECIFIC SKU NUMBERS
 - 1.6. OR AS APPROVED BY CITY ENGINEER
2. BOLT CIRCLE DIAMETER, 12-1/2" AMERON.
3. CONDUCTORS SHALL BE TWO NO. 8 THWN WIRES WITHIN THE POLE BETWEEN THE HAND HOLE AND THE FIXTURE.
4. CONCRETE SHALL BE 560-C-3250.
5. FOR PRIVATE LIGHTING RESTRICTIONS WITHIN 45 MILE RADIUS OF MT. PALOMAR, SEE MURRIETA MUNICIPAL CODE 16.18.110.
6. WHEN STREET LIGHT IS INSTALLED ADJACENT TO CURB, LIGHTING ARM LENGTH SHALL BE 4'-0".
7. X = 6'-0" STANDARD
X = 1'-6" FOR COMMERCIAL SIDEWALKS AND WHEN SIDEWALKS ARE NOT INSTALLED OR PROPOSED FOR FUTURE INSTALLATION, UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
8. RESIDENTIAL LIGHTING APPLIES TO ROADWAYS WITH 44' OR LESS CURB TO CURB WIDTH.
9. STREET LIGHT SPACING PER 620A.

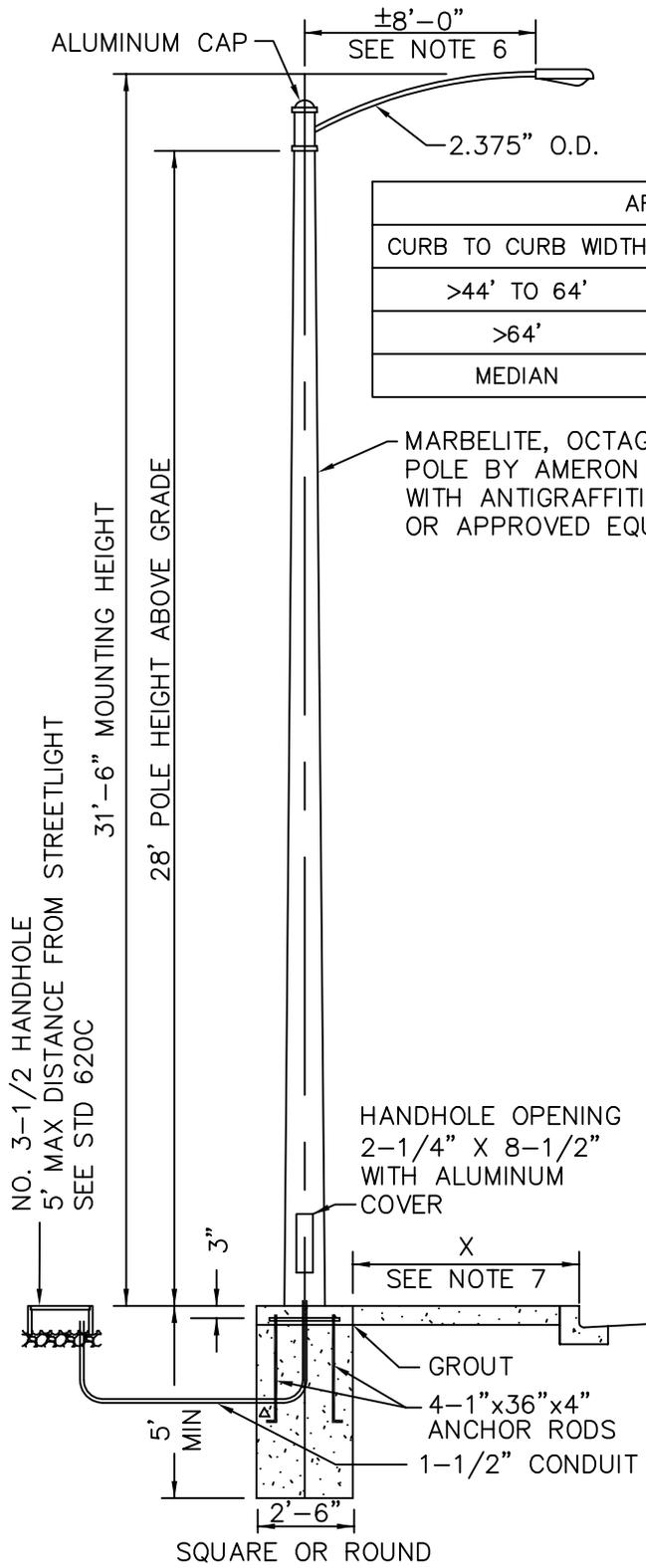
**CITY OF MURRIETA
DEPARTMENT OF PUBLIC WORKS**

REVISIONS	
8/92	
12/98	
1/10	
APPROVED 11/18/25	

**[DRAFT REVISED STANDARD]
RESIDENTIAL LIGHTING**

STD. NO.

619



ARTERIAL LED LIGHT FIXTURES		
CURB TO CURB WIDTH	GE EVOLVE SKU	BUG RATING
>44' TO 64'	ERL1-0-09-B3-27-A-GRAY-L	2-0-2
>64'	ERL1-0-09-C3-27-A-GRAY-L	2-0-2
MEDIAN	ERL1-0-09-A3-27-A-GRAY-L	2-0-2

- NOTES:
- LED LUMINAIRE SHALL BE:
 - GENERAL ELECTRIC EVOLVE
 - 120/240V
 - 84 WATTS
 - 2,700K MAX COLOR TEMPERATURE
 - 8,500 LUMEN
 - SEE TABLE ABOVE FOR SPECIFIC SKU NUMBERS
 - OR AS APPROVED BY CITY ENGINEER
 - BOLT CIRCLE DIAMETER, 12-1/2" AMERON.
 - CONDUCTORS SHALL BE TWO NO. 8 THWN WIRES WITHIN THE POLE BETWEEN THE HAND HOLE AND THE FIXTURE.
 - CONCRETE SHALL BE 560-C-3250.
 - FOR PRIVATE LIGHTING RESTRICTIONS WITHIN 45 MILE RADIUS OF MT. PALOMAR, SEE MURRIETA MUNICIPAL CODE 16.18.110.
 - WHEN STREET LIGHT IS INSTALLED ADJACENT TO CURB, LIGHTING ARM LENGTH SHALL BE 4'-0".
 - X = 6'-0" STANDARD
X = 1'-6" FOR COMMERCIAL SIDEWALKS AND WHEN SIDEWALKS ARE NOT INSTALLED OR PROPOSED FOR FUTURE INSTALLATION, UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
 - ARTERIAL LIGHTING APPLIES TO ROADWAYS WITH GREATER THAN 44' CURB TO CURB WIDTH.
 - STREET LIGHT SPACING PER 620A.

CITY OF MURRIETA
DEPARTMENT OF PUBLIC WORKS

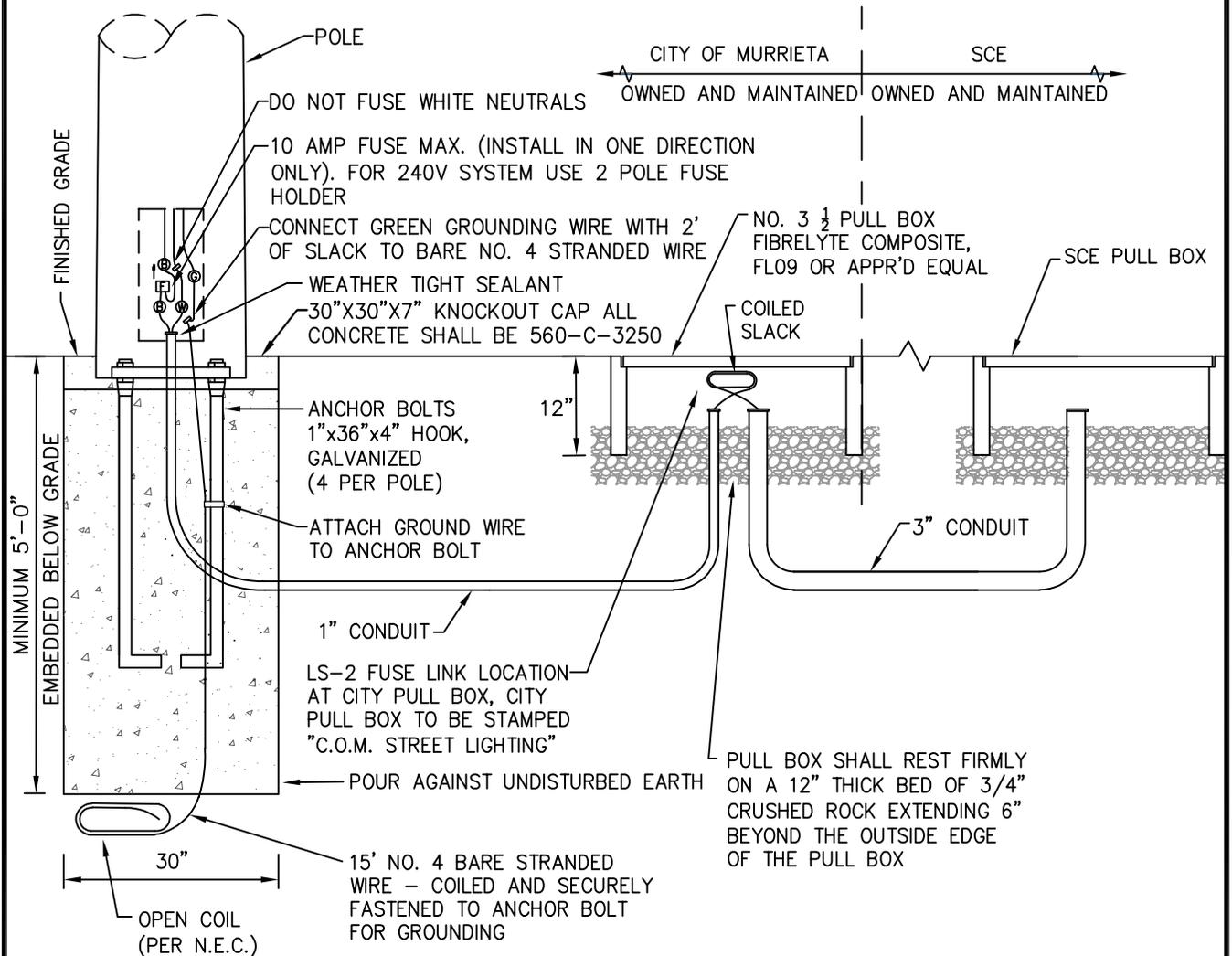
REVISIONS	
8/92	
12/98	
1/10	
APPROVED 11/18/25	

[DRAFT REVISED STANDARD]
ARTERIAL HIGHWAY
LIGHTING

STD. NO.
620

NOTES:

- 1) CONDUIT SHALL ENTER PULL BOX WITH A 90° SWEEP.
- 2) STREET LIGHT PULL BOX SHALL BE 5' MAX AWAY FROM STREET LIGHT POLE.
- 3) ALL CONDUIT SHALL BE SCHEDULE 80 PVC.
- 4) ALL HARDWARE TO BE STAINLESS STEEL.
- 5) ALL STEEL COMPONENTS GALVANIZED BEFORE FINISH PAINTED.
- 6) RECOMMENDED FOUNDATION DESIGN PER POLE MANUFACTURER SPECIFICATIONS.
- 7) STREET LIGHT WIRE INSULATION MARKINGS SHALL BE PER LATEST GREENBOOK SPECIFICATIONS.
- 8) CONDUCTORS SHALL BE TWO NO. 8 THWN WIRES WITHIN THE POLE FROM SPLICE POINT TO THE FIXTURE.
- 9) CONCRETE SHALL BE 560-C-3250.



CITY OF MURRIETA
DEPARTMENT OF PUBLIC WORKS

REVISIONS	
APPROVED 11/18/25	

[NEW STANDARD]
LS-2B STREET LIGHT
CONNECTION DETAIL

STD. NO.
620c