

LIGHTING

<u>NUMBER</u>	<u>TITLE</u>
L-01.0	LIGHT STANDARD - TYPE A AND B NOTES
L-01.1	POLE STANDARD - TYPE A
L-02.0	POLE STANDARD - TYPE B
L-02.1	LUMINAIRE STANDARD - TYPE A-08 AND B-08
L-03.0	POLE STANDARD - TYPE C
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L-04.0	STREET LIGHT PULL BOX
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L-09.0	METER PEDESTAL



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STREETS:	REV. DATE: 11/12	DETAIL: L-00.0
TRANS OPS:	APPROVED: <i>Pat Kelly</i>	
FACILITIES: <i>gld</i>	CITY ENGINEER	
WATER RESOURCES:	<i>Christina Anderson</i> PUBLIC WORKS DIRECTOR	

NOTES:

1. Improvements constructed under this Standard shall conform to applicable portions of the Standard Specifications for Public Works Construction, latest Edition.
2. Luminaire shall be LED type, G.E. M-250A2 Power/Door luminaire, Cobra Head Roadway Lighting, 120 volt NPF reactor or lag ballast, with luminaire-mounted photoelectric cell. Lens shall be polycarbonate prismatic refractor, "Dome" style, producing I.E.S. medium type III semi-cutoff distribution. Filter shall be fiber gasket type. Equals must be approved by the City Engineer. Where LED bulbs may not be used, HPS bulbs may be substituted with Engineer's approval. A sticker indicating lamp wattage shall be placed on the underside of the arm nearest the pole. For HPS lamps, the sticker shall be yellow with a black number. Wattages shall be 40, 65, 90, or 135 for LED lamps (70, 100, 150, or 250 for high pressure sodium (HPS) lamps). ANY AND ALL OTHER WATTAGES OR BULB TYPES SHALL BE APPROVED BY THE CITY ENGINEER IN WRITING PRIOR TO INSTALLATION.
3. See L-05.0 for pole type and luminaire selection in residential and commercial areas.
4. Light standards shall be manufactured by a centrifugal spinning process using aggregate consisting of black and white pieces, graded from 3/8 inch to a No. 150 sieve, and Type III portland cement conforming to ASTM Designation C150. Reinforcing steel shall consist of deformed steel bars conforming to ASTM Designation 615, and 7-strand uncoated stress-relieved prestressing cable having a minimum ultimate strength of 250,000 PSI. All reinforcing shall be spirally wrapped with cold-drawn wire. The concrete shall develop a minimum compressive strength of 3,500 PSI before removal from the mold. The exterior shall be sandblasted to develop a "marbelite" finish.
5. Underground electrical conduit shall be 1-1/2 inch minimum Schedule 40 P.V.C. electrical conduit, laid with 18 inch minimum cover behind curb within one foot of the curb face, unless shown otherwise on plans. Conduit shall be bundled tightly in the center of the footing. Conduits shall terminate in footings on the same side as the conduit run. A pull box is required within 5 feet of the street light. Conduit shall be "stubbed" not less than 3 inches and not more than 4 inches above the inside surface of street light or pull box.
6. In unmetered lights, install Tron HEB-AB, HEB A-A 30-Amp 600 Volt waterproof in-line fuse and receptacle in each standard base, with a minimum of 12 inches and a maximum of 18 inches in wiring to permit fuse receptacle to be serviced outside the standard. Metered lights and lighting circuits that have circuit breakers installed shall not have in-line fuses installed as well.
7. In addition, all conductor lengths shall be a minimum of 12 inches and a maximum of 18 inches inside hand holes and pull boxes. Contractor shall contact Southern California Edison Company for requirements of service installation, and shall install such service components as Edison requires to energize the system.
8. Power control point shall be the photoelectric cell (PE) located on cobra head pedestal cabinet. Single light has photocell on top of cobra head. Multiple light has photo cell on meter pedestal with a by-pass switch.
9. Foundation concrete shall be Class 560-C-3250, per Standard Specifications for Public Works Construction, latest edition.
10. All exposed steel parts shall be galvanized, stainless, or painted.
11. All power access doors shall be stainless steel and cast aluminum or equivalent. The 1/4 inch screws in the access cover shall be s.s. phillips panhead.
12. All electrical splices shall be per CALTRANS specifications and Standard Plan ES-13.
13. All lights shall be tested in the presence of the Public Works Inspector prior to acceptance.
14. If 3 or more lights are to be installed, a CP3B, Milbank 16" x 17" x 48" (TYPE B) commercial pedestal meter, in Malaga Green color matching the RAL Classic System color RAL6005 shall be installed, with the following: Meter socket with test bypass facility, 100 amps, 120/240 V, #3 wire, 1 main circuit breaker, 14 KAIC, 12 circuit load center with load test switch.



LIGHT STANDARD: TYPES A-08 AND B-08

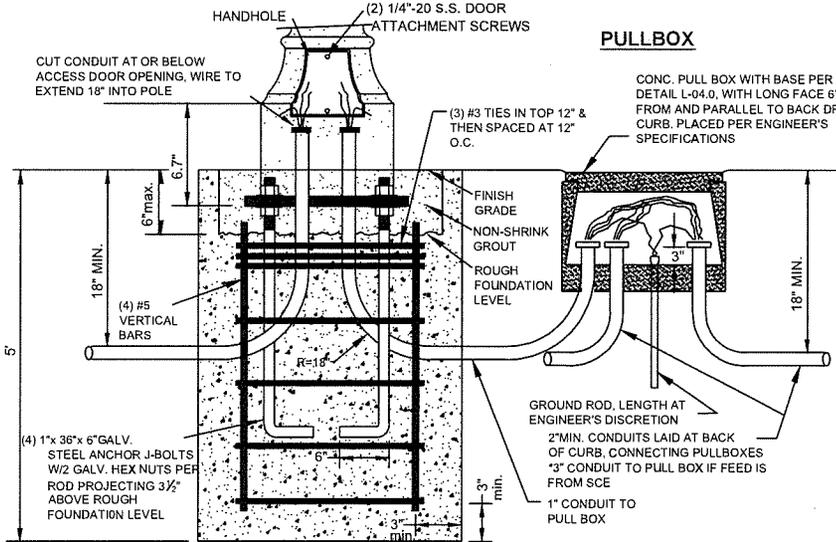
NOTES

STREETS: <i>aw</i>	REV. DATE: 11/12	DETAIL: L-01.0
TRANS OPS:	APPROVED: <i>Pat Kelly</i>	
FACILITIES: <i>aw</i>	CITY ENGINEER	
WATER RESOURCES:	<i>Christina Anderson</i> PUBLIC WORKS DIRECTOR	

NOTES:

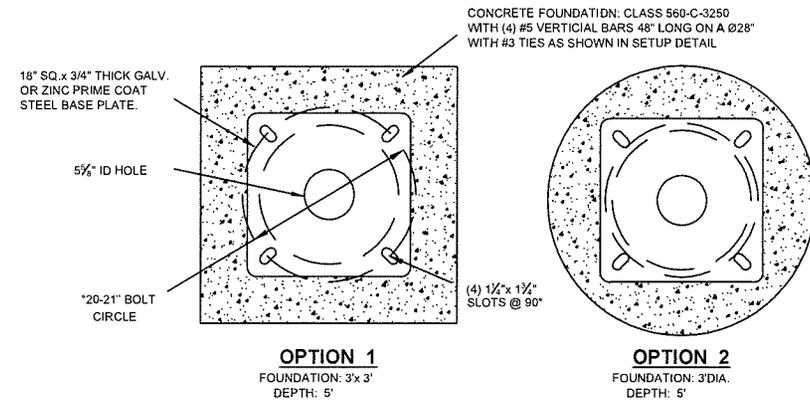
- 1) Install ground rod in pull box.
- 2) Maximum 2 conduits per fixture. 3 conduits require adjacent pull box.
- 3) Dissimilar metals separated dielectrically.
- 4) All bolts, nuts, washers, and hardware shall be galvanized steel.

NOTE - Infield borings in pole may only be in 90° increments in relation to hand hole.



RECOMMENDED MOUNTING SETUP DETAIL

N.T.S.

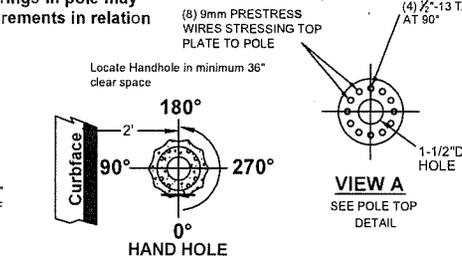


OPTION 1

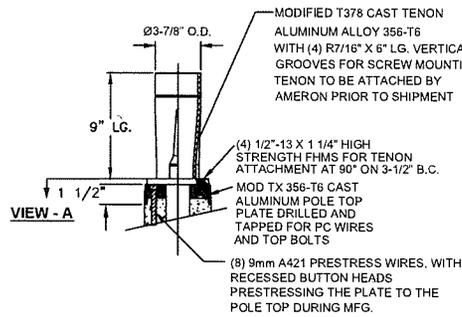
FOUNDATION: 3' x 3' DEPTH: 5'

OPTION 2

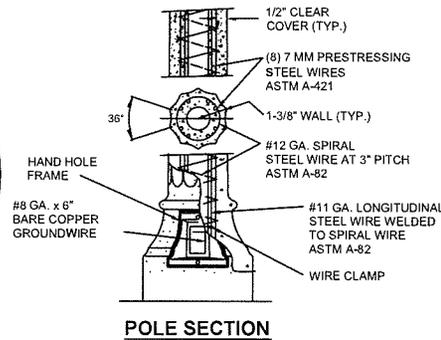
FOUNDATION: 3'DIA. DEPTH: 5'



POLE ORIENTATIONS

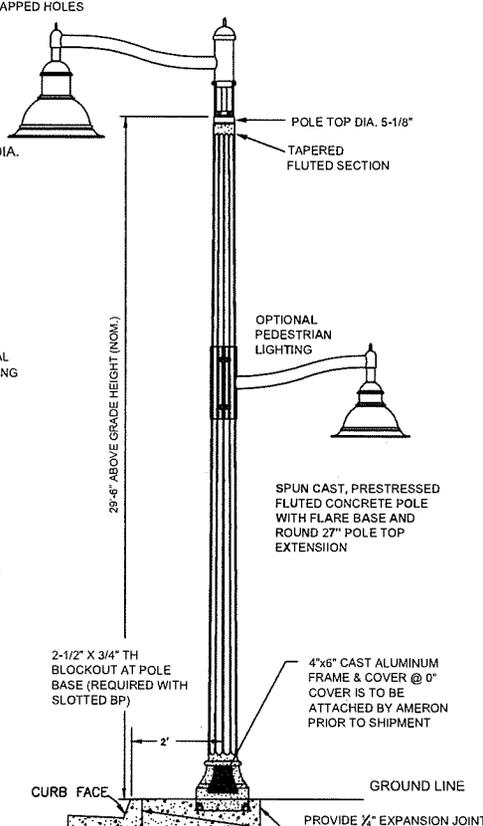


TOP MOUNT DETAIL



POLE SECTION

VICTORIAN FLUTED POLE (wt. 1200LBS)



NOTES:

1. Contact: Pacific Lighting Sales Inc. 2366 Birtcher Drive, Suite 100 Lake Forest, CA 92630, (949) 597-1633, <http://www.pls-inc.com>
2. Order: Pole VBFX-9.0, Victorian Fluted Pole, Pole Mix (2P3S) Santa Barbara Black & White exposed aggregate finish, with flat water sealer coating - ASTM C-150 TYPE III gray cement.
3. Specify Tamper Proof Door Screws.
4. Baseplate is included
5. (4) 1"x36"x6" galvanized steel bolts & hardware included.
6. Pole Top designed for max 12LMA w/2.1sq.ft. luminaire.



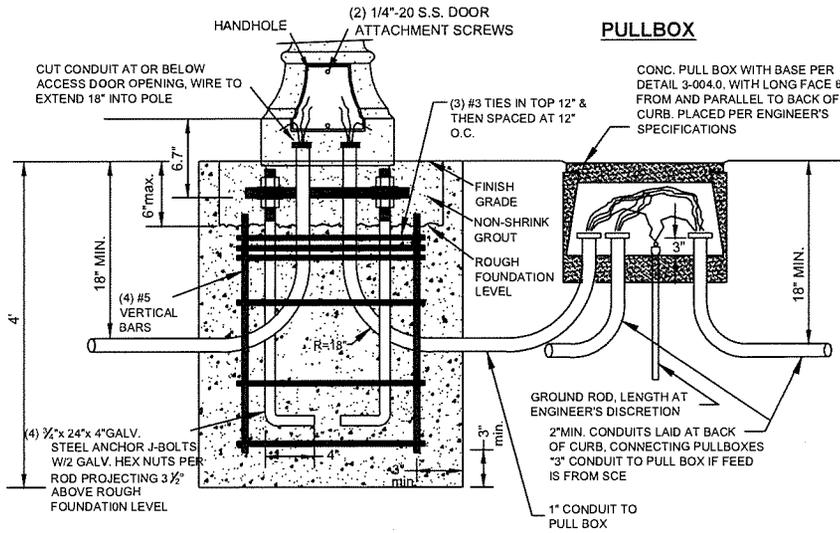
POLE STANDARD
TYPE A-08

STREETS:	REV. DATE: 11/12	DETAIL: L-01.1
TRANS OPS:	APPROVED: <i>Pat Kelly</i>	
FACILITIES:	CITY ENGINEER	
WATER RESOURCES:	PUBLIC WORKS DIRECTOR	

NOTES:

- 1) Install ground rod in pull box.
- 2) Maximum 2 conduits per fixture. 3 conduits require adjacent pull box.
- 3) Dissimilar metals separated dielectrically.
- 4) All bolts, nuts, washers, and hardware shall be galvanized steel.

NOTE - Infield borings in pole may only be in 90° increments in relation to hand hole.

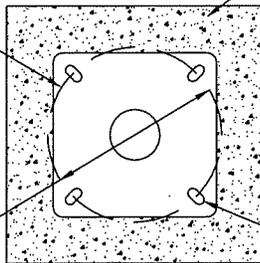


RECOMMENDED MOUNTING SETUP DETAIL

N.T.S.

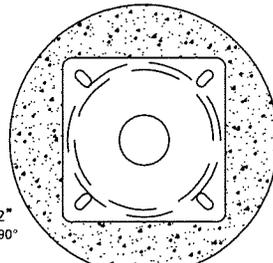
CONCRETE FOUNDATION: CLASS 560-C-3250 WITH (4) #5 VERTICAL BARS 48\"/>

17\"/>



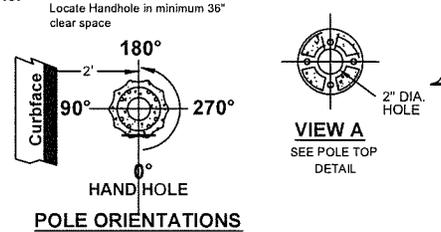
OPTION 1

FOUNDATION: 3'x 3' DEPTH: 4'

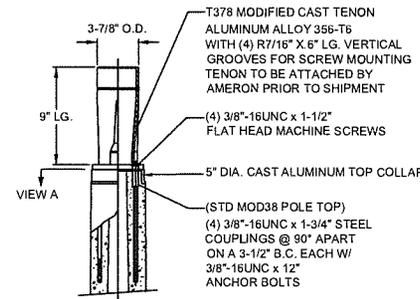


OPTION 2

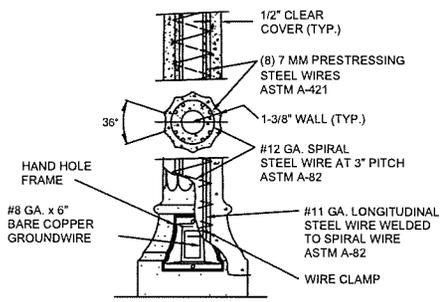
FOUNDATION: 3'DIA. DEPTH: 4'



POLE ORIENTATIONS

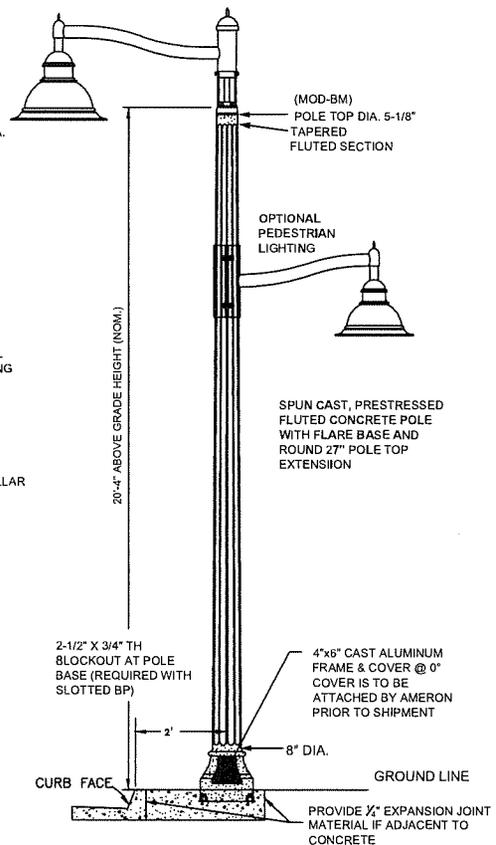


POLE TOP DETAIL



POLE SECTION

VICTORIAN FLUTED POLE (wt. 800LBS)



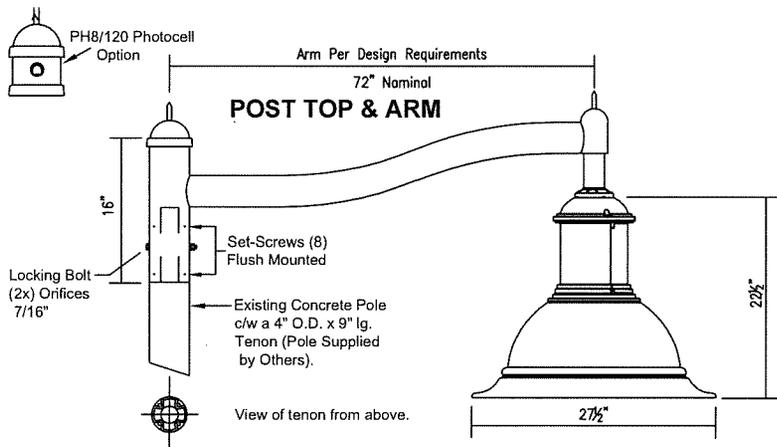
NOTES:

1. Contact: Pacific Lighting Sales Inc. 2366 Birch Drive, Suite 100 Lake Forest, CA 92630, (949) 597-1633, <http://www.pls-inc.com>
2. Order: Pole VBF06.2SPL, Victorian Fluted Pole, Pole Mix (2P3S) Santa Barbara Black & White exposed aggregate finish, with flat water sealer coating - ASTM C-150 TYPE III gray cement.
3. Specify Tamper Proof Door Screws.
4. Baseplate is included.
5. (4) 3/4\"/>



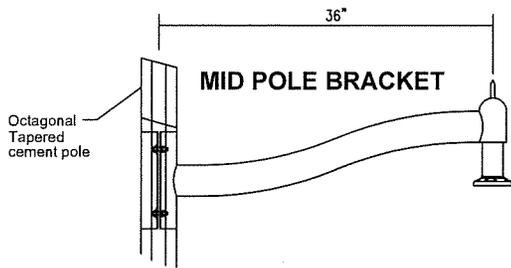
POLE STANDARD
TYPE B-08

STREETS: <i>na</i>	REV. DATE: 11/12	DETAIL: L-02.0
TRANS OPS:	APPROVED: <i>[Signature]</i>	
FACILITIES: <i>glo</i>	CITY ENGINEER	
WATER RESOURCES:	PUBLIC WORKS DIRECTOR	



Luminaire: See L-05.0 for luminaire selection details.

Post Top Arm: Standard - 6'
Optional - 8', 10', 12'



Adapter: Aluminum Clamps, mechanically fastened to pole by stainless steel bolts and nuts. For installation on octagonal tapered cement pole.

Description of Components:

- Lamp:** As specified by Contract requirements. Default shall be LED type.
- Optical System:** (TH3F), I.E.S. type III hyper-extensive (asymmetrical). Horizontal lamp position in a 15 degree angle. **Weather tightness IP66 rating.** This assembly is toolfree removable from the technical ring.
- Ballast:** Matching Ballast included with lamp. Connected to 120 volts. Assembled on a unitized removable tray with quick disconnect plug.
- Access-Mechanism:** A die cast 360 aluminum technical ring with latch and hinge complete with a cast-in reflector. The mechanism shall offer toolfree access to the inside of the luminaire. An embedded memory-retentive gasket shall ensure weatherproofing.
- Central Tubing:** Made of aluminum tubing, 4 1/2" outside diameter, slip fits over a 4" diameter by 9" long pole tenon, mechanically fastened by two levels of 3/8-16 UNC set-screws & a 3/8" Locking Bolt.
- Photo Cell:** Twist lock type photocell, 120 volts, complete with an orientable cover. (Optional)
- Hardware:** All exposed screws will be in stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone.
- Finish:** Lumec custom color **PS311G128 Malaga Green** (SC1TX) or matching RAL Classic System color RAL6005.

NOTES:

1. Contact: Prudential Lighting Products, (805) 598-3973, <http://www.plpnorth.com>
2. Order: Luminaire as specified by contract (default shall be LED type), and request arm length as specified by contract. Mid Pole Bracket, if required by contract, is pole specific and includes arm.
3. Post Top, Arm, Mid Pole Bracket and installation hardware, including 3/8" locking bolt, to be provided by manufacturer.
4. 7/16" hole to be drilled in Post Top by Contractor.
5. 7/16" bore hole thru pole tenon for locking bolt to be drilled by Contractor.
6. Post Top & Arm, and Mid Pole Bracket alignment typically perpendicular to curbface, must be prior approved by Project Engineer.
7. Mid Pole Bracket location height on pole is set approximately at 14'. Contractor will bore electrical access hole in pole.
8. Optical system to be aligned in field per Manufacturers Streetside direction label identified in fixture.
9. A sticker indicating lamp wattage shall be placed on the underside of the arm nearest the pole. For HPS lamps, the sticker shall be yellow with a black number.



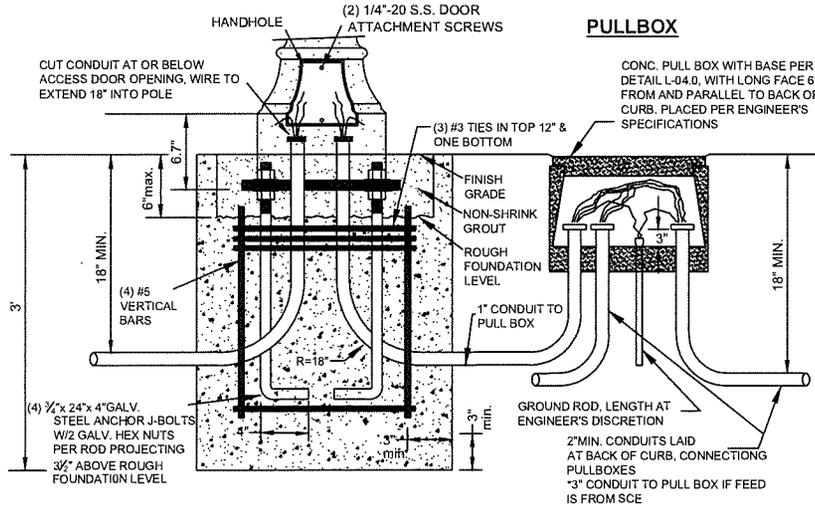
LUMINAIRE STANDARD
TYPE A-08 AND TYPE B-08

STREETS: <i>[Signature]</i>	REV. DATE: 11/12	DETAIL: L-02.1
TRANS OPS:	APPROVED: <i>[Signature]</i>	
FACILITIES: <i>[Signature]</i>	CITY ENGINEER	
WATER RESOURCES:	PUBLIC WORKS DIRECTOR	

NOTES:

- 1) Install ground rod in pull box.
- 2) Maximum 2 conduits per fixture. 3 conduits require adjacent pull box.
- 3) Dissimilar metals separated dielectrically.
- 4) All bolts, nuts, washers, and hardware shall be galvanized steel.

NOTE - Infield borings in pole may only be in 90° increments in relation to hand hole.



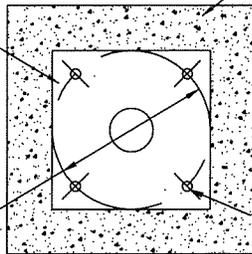
RECOMMENDED MOUNTING SETUP DETAIL

N.T.S.

CONCRETE FOUNDATION: CLASS 560-C-3250 WITH (4) #5 VERTICAL BARS 30" LONG ON A Ø18" WITH #3 TIES AS SHOWN IN SETUP DETAIL.

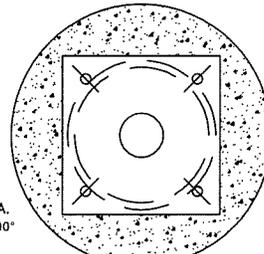
14" SQ. x 1" THICK GALV. OR ZINC PRIME COAT STEEL PLATE A-36

16" BOLT CIRCLE

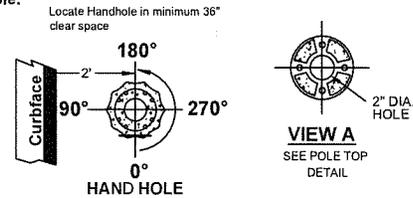


OPTION 1
FOUNDATION: 2' x 2'
DEPTH: 3'

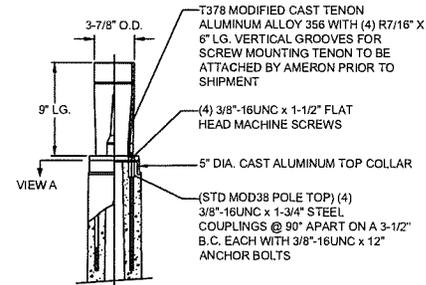
(4) 1" DIA. HOLES @ 90°



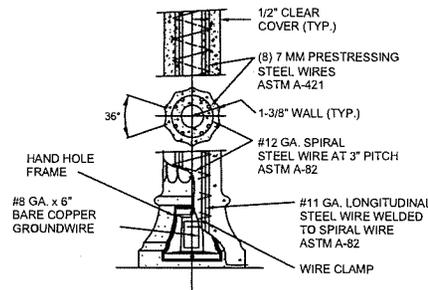
OPTION 2
FOUNDATION: 2'DIA.
DEPTH: 3'



POLE ORIENTATIONS

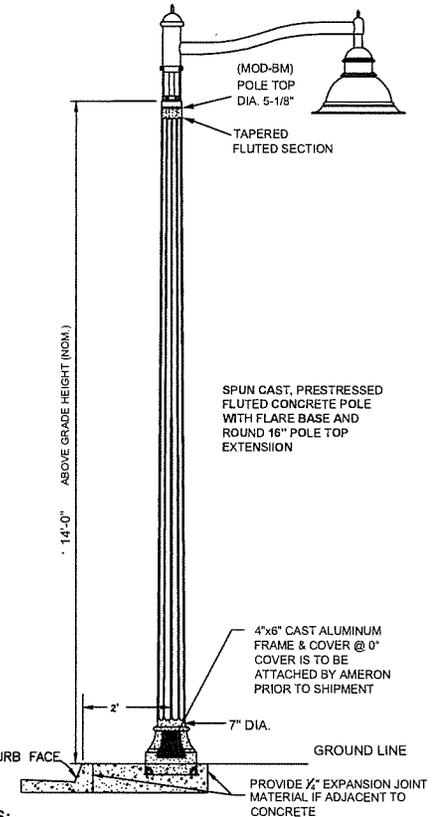


POLE TOP DETAIL



POLE SECTION

VICTORIAN FLUTED POLE (wt. 500LBS)



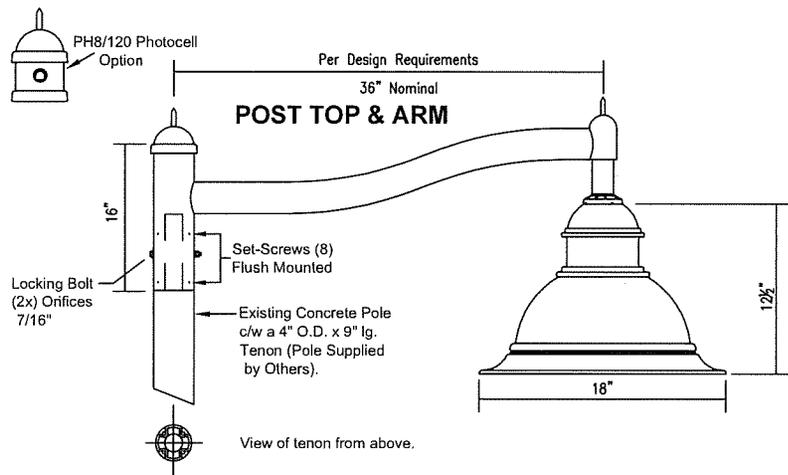
NOTES:

1. Contact: Pacific Lighting Sales Inc. 2366 Birch Drive, Suite 100 Lake Forest, CA 92630, (949) 597-1633, <http://www.pls-inc.com>
2. Order: Pole VBF04.7SPL, Victorian Fluted Pole, Pole Mix (2P3S) Santa Barbara Black & White exposed aggregate finish, with flat water sealer coating - ASTM C-150 TYPE III gray cement.
3. Specify Tamper Proof Door Screws.
4. Baseplate is included.
5. (4) 3/4"x24"x4" galvanized steel bolts & hardware included.
6. MOD-BM: Plug down pole length to 14'-3" OAL.



POLE STANDARD
TYPE C-08

STREETS:	REV. DATE: 11/12	DETAIL: L-03.0
TRANS OPS:	APPROVED: <i>RH Kelly</i>	
FACILITIES:	CITY ENGINEER	
WATER RESOURCES:	<i>Christina Anderson</i> PUBLIC WORKS DIRECTOR	

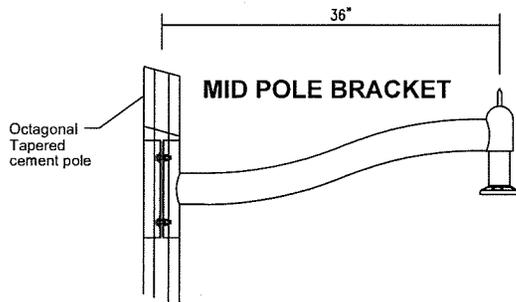


Description of Components:

Lamp: As specified by Contract Requirements. Default shall be LED type.
Optical System: (SG2), I.E.S. type II (asymmetrical). Reflector composed of a chemically brightened multi-faceted anodized aluminum, mounted on a white frame. This assembly allows for a full rotation of the optical system in 90 degree increments.
Ballast: Matching Ballast included with Lamp. Connected to 120 volts. Assembled on a unitized removable tray with quick disconnect plug.
Access-Mechanism: A die cast A380 aluminum technical ring with a cast-in decorative skirt. An integrated hinge and a captive knurled thumb screw offer a tool free access to the inside of the luminaire and to the lamp. An embedded memory-retentive gasket shall ensure weatherproofing.
Central Tubing: Made of aluminum tubing, 4½" outside diameter, slip fits over a 4" diameter by 9" long pole tenon, mechanically fastened by two levels of 3/8-16 UNC sets-screws.
Photo Cell: Twist lock type photocell, 120 volts, complete with an orientable cover. (Optional)
Hardware: All exposed screws will be in stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone.
Finish: Lumec custom color **PS311G128 Malaga Green** (SC1TX) or matching RAL Classic System color RAL6005.

Luminaire: See L05.0 for luminaire selection details.

Post Top Arm: Standard - 3'
Optional - 4'



Adapter: Aluminum Clamps, mechanically fastened to pole by stainless steel bolts and nuts. For installation on octagonal tapered cement pole.

NOTES:

1. Contact: Prudential Lighting Products, (805) 598-3973, <http://www.plpnorth.com>
2. Order: Luminaire as specified by contract (default shall be LED type), and request arm length as specified by contract. Mid Pole Bracket, if required by contract, is pole specific and includes arm.
3. Post Top, Arm, Mid Pole Bracket and installation hardware, including 3/8" locking bolt, to be provided by manufacturer.
4. 7/16" hole to be drilled in Post Top by Contractor.
5. 7/16" bore hole thru pole tenon for locking bolt to be drilled by Contractor.
6. Post Top & Arm, and Mid Pole Bracket alignment typically perpendicular to curbface, must be prior approved by Project Engineer.
7. Mid Pole Bracket location height on pole is set approximately at 14'. Contractor will bore electrical access hole in pole.
8. Optical system to be aligned in field per Manufacturers Streetside direction label identified in fixture.
9. A sticker indicating lamp wattage shall be placed on the underside of the arm nearest the pole. For HPS lamps, the sticker shall be yellow with a black number.



LUMINAIRE STANDARD
TYPE C-08

STREETS:	REV. DATE: 11/12	DETAIL: L-03.1
TRANS OPS:	APPROVED:	
FACILITIES:	CITY ENGINEER	
WATER RESOURCES:	PUBLIC WORKS DIRECTOR	

NOTES:

1. All ornamental street lighting cable systems shall be underground, rather than overhead.
2. Location of street light standards to be approved by City Building Maintenance (805) 564-5415, prior to installation.
3. Residential light standards shall be spaced on lot lines not more than two hundred-fifty (250) feet apart approximately.
4. Where commercial or industrial lot frontages are involved, light standards shall be spaced one hundred (100) feet apart.
5. All other features of street lighting systems shall meet the requirements of the Public Works Department which shall be established to achieve safety, maximum life, low maintenance cost, adequate illumination and structural soundness.
6. All pull boxes shall be set at the back of the curb. Roadway pull boxes are for replacement purposes only.
7. All pull boxes shall be set in accordance with N.E.C. and CALTRANS Standards.
8. When the distance between street lights is greater than 100 feet, a pull box must be set every 100 feet for pulling wire.
9. Recommended Pole Type and Luminaire for Commercial or Residential Use:

Commercial

Location	Pole Type	Watt - Output	Order Part # : HPS/LED**
Intersection***	A	250	HPS: DMS55-250HPS-TH3F-QTA/120-1A-SC1TX LED: DMS55-135W80LED4K-ES-LE3F-120-(B-LCP-031)-1A-SCZT311G151TX
Mid-Block	A	250	HPS: DMS55-250HPS-TH3F-QTA/120-1A-SC1TX LED: DMS55-135W80LED4K-ES-LE2F-120-(B-LCP-031)-1A-SCZT311G151TX
Sidewalk	C	70	HPS: DOS-70HPS-SG2-120-LMS-1A-SC1TX LED: DOS-40W30LED4K-ES-LE2F-120-(B-LCP-030)-1A-TS-SCZT311G151TX

Residential

Location	Pole Type	Watt - Output	Order Part # : HPS/LED**
Intersection***	B	150*	HPS: DMS55-150HPS-TH3F-QTA/120-1A-SC1TX LED: DMS55-90W80LED4K-ES-LE3F-120-(B-LCP-031)-1A-SCZT311G151TX
Mid-Block	B	70	HPS: DMS55-70HPS-TH3F-GL-QTA/120-1A-SC1TX LED: DMS55-40W49LED4K-LE2F-120-(B-LCP-031)-1A-SCZT311G151TX
Sidewalk	C	70	HPS: DOS-70HPS-SG2-120-LMS-1A-SC1TX LED: DOS-40W30LED4K-ES-LE2F-120-(B-LCP-030)-1A-TS-SCZT311G151TX

*Alternate Output: 100 HPS: DMS55-100HPS-TH3F-QTA/120-1A-SC1TX
 LED: DMS55-70W64LED4K-ES-LE3F-120-(B-LCP-031)-1A-SCZT311G151TX

**Listed LED Part#'s are HPS Wattage Output equivalents

***In residential and commercial areas where there are two lights diagonal from each other across an intersection, 65 watt LED (or 100 watt HPS) bulbs may be used.

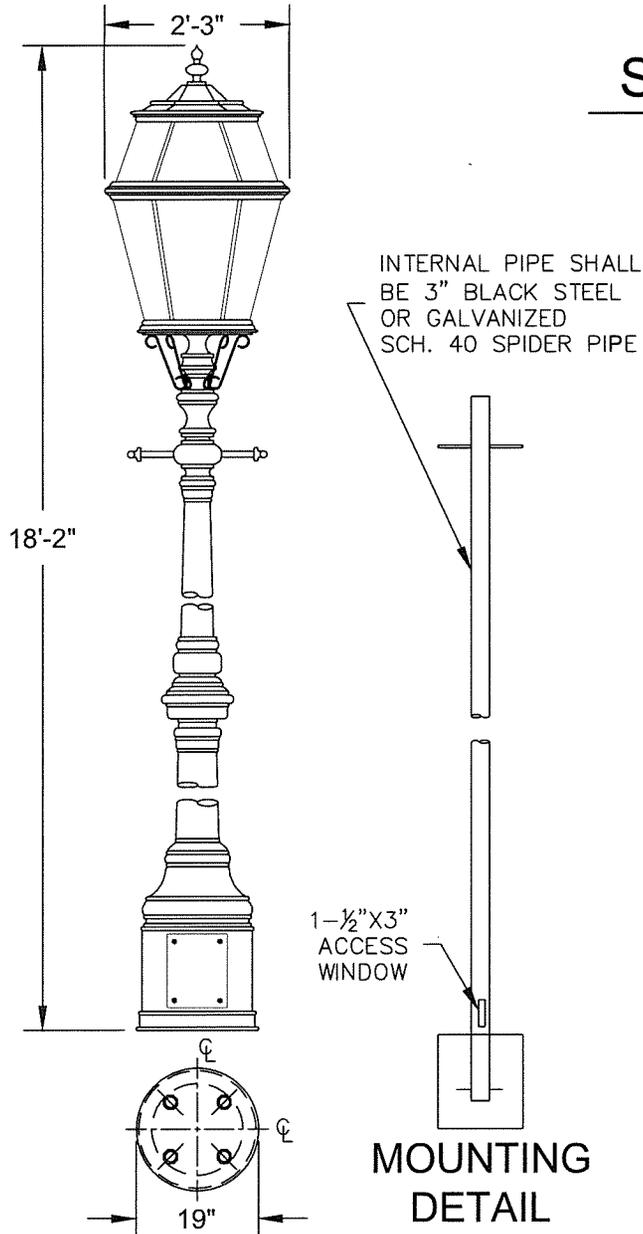


**LIGHT STANDARD AND SPACING
NOTES**

STREETS: <i>mc</i>	REV. DATE: 11/12	DETAIL: L-05.0
TRANS OPS:	APPROVED: <i>Pat Kelly</i>	
FACILITIES: <i>gnd</i>	CITY ENGINEER	
WATER RESOURCES:	<i>Christina Andersen</i> PUBLIC WORKS DIRECTOR	

STATE STREET ORNAMENTAL PARTS LIST

FOR PROPRIETY CITY LIGHTING WITH CITY OWNED MOULDS.
CONTACT FACILITIES MAINTENANCE FOR VENDOR IDENTIFICATION.



PART NUMBER	PART NAME	# OF PIECES PER STD.
27-90723	TOP RING	1
23-64831	CENTER RING	1
23-64820	BOTTOM RING	1
23-79760	SHORT STAVE	6
23-70903	LONG STAVE	6
23-90700	TOP COVER	1
23-90720	TOP ORNAMENT	1
P-28-82-01	BASE CASTING	1
P-28-82-02	LOWER RISER TUBE 6"	1
P-28-82-03	CENTER CASTING	1
P-28-82-04	UPPER RISER TUBE	1
P-28-82-05	TOP CASTING	1
P-28-82-06	TOP PLATE LAMP MOUNT	1
P-28-82-07	ORNAMENTAL "S"	6
P-28-82-08	LADDER SUPPORT ARMS	2
N/A	GLASS REFRACTOR W/MOUNT (CITY SUPPLIED)	1
N/A	SMALL LEXAN LENS	6
N/A	LARGE LEXAN LENS	6

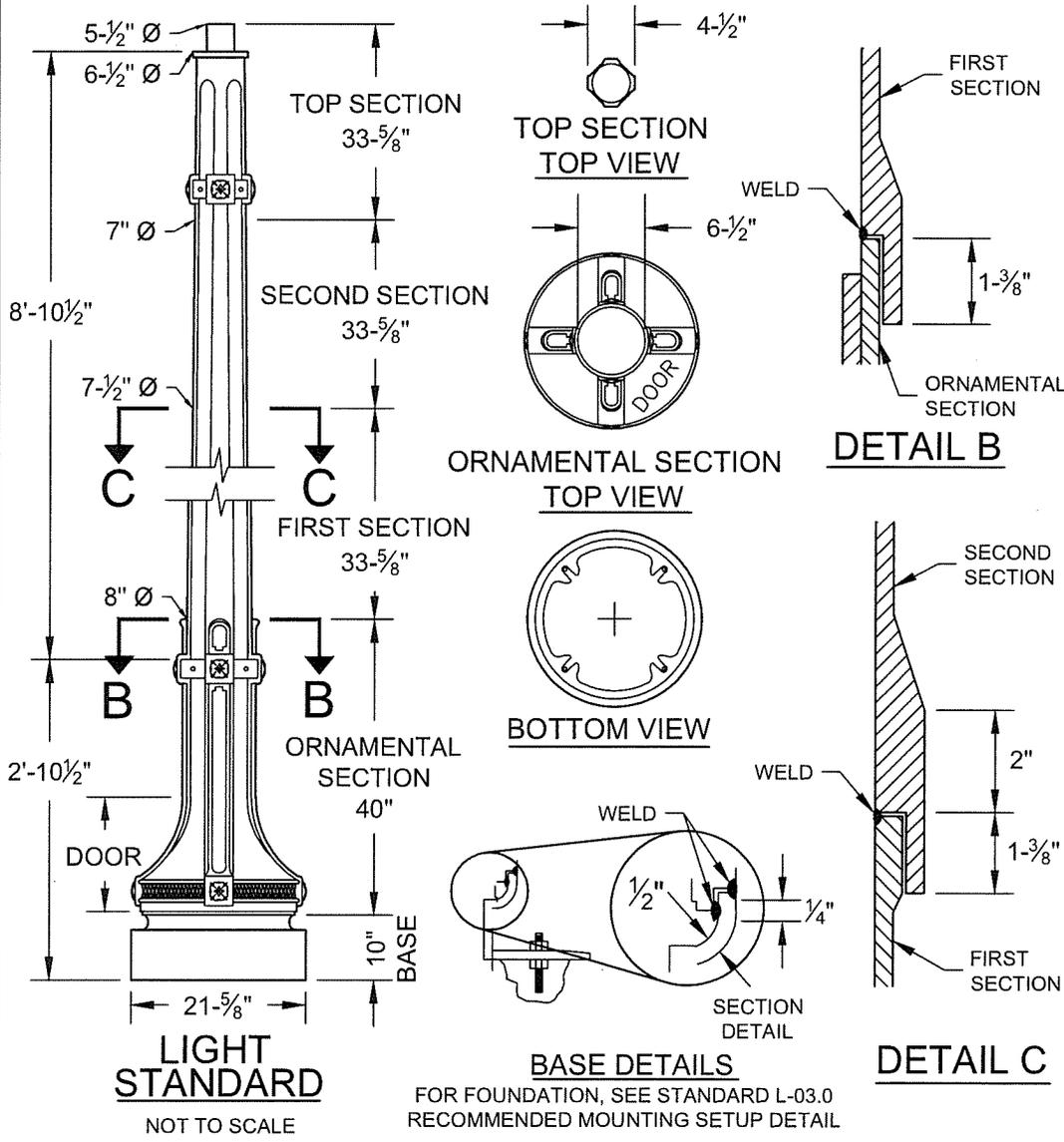
NOTES:

1. FOR FOOTING, SEE CITY STANDARD L-02.0 RECOMMENDED MOUNTING SETUP DETAIL (TYPE B)
2. CONTACT CITY BUILDING MAINTENANCE AT (805) 564-5415 FOR LIGHT STANDARD INFORMATION.
3. "MALAGA GREEN" COLOR SHALL MATCH THAT OF THE RAL CLASSIC SYSTEM COLOR RAL6005.



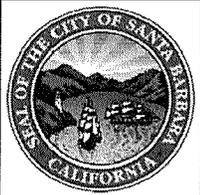
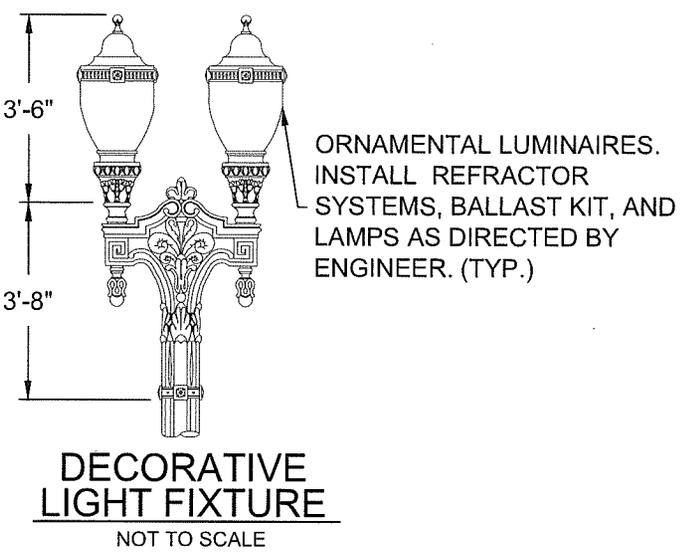
STATE STREET DECORATIVE LIGHT STANDARD

STREETS: <i>MB</i>	REV. DATE: 11/12	DETAIL: L-06.0
TRANS OPS:	APPROVED: <i>Pat Kelly</i>	
FACILITIES: <i>gal</i>	CITY ENGINEER	
WATER RESOURCES:	<i>Christopher Qualters</i> PUBLIC WORKS DIRECTOR	



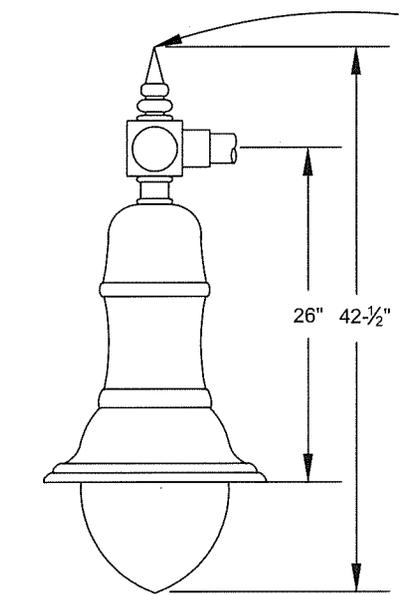
LIGHT STANDARD SPECIFICATIONS

FOOTING: SEE STANDARD DETAIL L-02.0
STYLE: LANSING RESIDENTIAL STANDARD
HEIGHT: 11'-9"
BASE: 21'-5/8"
BOLT CIRCLE: 13" DIAMETER
ANCHOR BOLTS: (4) 3/4" X 24" H.D. GALVANIZED STEEL
MATERIAL: 60-45-10 CAST DUCTILE IRON WITH CASTING CERTIFIED ANALYSIS
ACCESS DOOR: 2-3/8" X 8-3/8" X 11"
TENON: 3-1/4" DIAMETER X 3" HEIGHT, CAST-IN
DETAILED DESIGN: TO BE EXACT IN SHAPE AND DIMENSIONS TO THE ORIGINAL KING 0-61 FRENCH DESIGN STANDARD PAINT "MALAGA GREEN" POWDER COAT MATCHING RAL CLASSIC SYSTEM COLOR RAL6005
FINISH:



CHAPALA STREET DECORATIVE LIGHT STANDARD

STREETS: <i>na</i>	REV. DATE: 11/12	DETAIL: L-07.0
TRANS OPS:	APPROVED: <i>[Signature]</i>	
FACILITIES: <i>gno</i>	CITY ENGINEER	
WATER RESOURCES:	PUBLIC WORKS DIRECTOR <i>[Signature]</i>	



HANGING LIGHT FIXTURE

NOT TO SCALE

WELSBACK LIGHTING FIXTURE
NO. T7PH39D3/SB. PAINT "MALAGA GREEN" COLOR MATCHING THE RAL CLASSIC SYSTEM COLOR "RAL6005"

O.D. = 12-5/8" / 14-1/2"

O.D. = 14-5/8" / 16-3/8"

O.D. = 14" / 16"

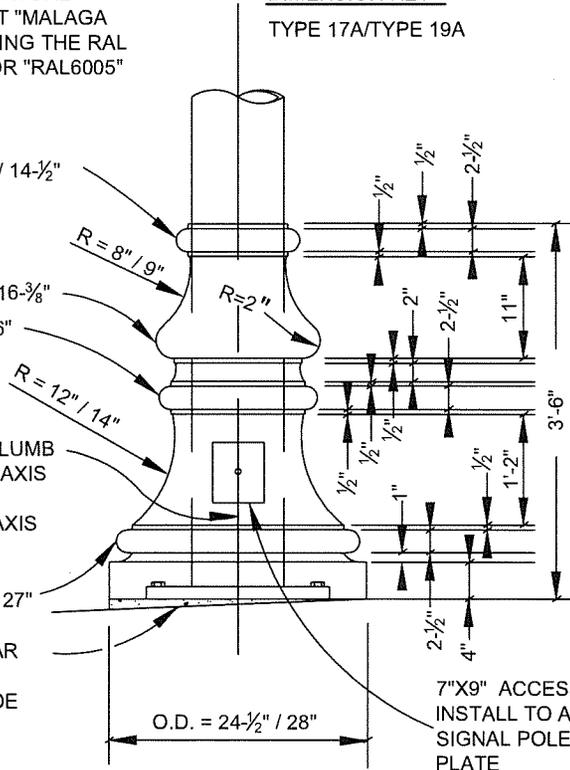
INSTALL CASTING PLUMB
SO THAT VERTICAL AXIS
OF CASTING IS
COINCIDENT WITH AXIS
OF POLE.

SET BASE IN MORTAR
BED. TRIM MORTAR
FLUSH WITH OUTSIDE
OF BASE. MORTAR
SHALL MATCH
SIDEWALK

O.D. = 23-1/2" / 27"

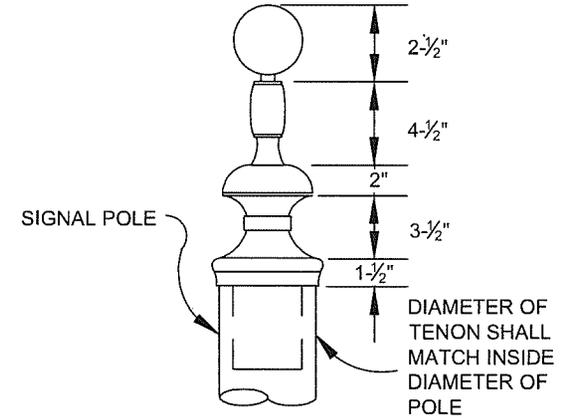
O.D. = 24-1/2" / 28"

DIMENSION KEY
TYPE 17A/TYPE 19A



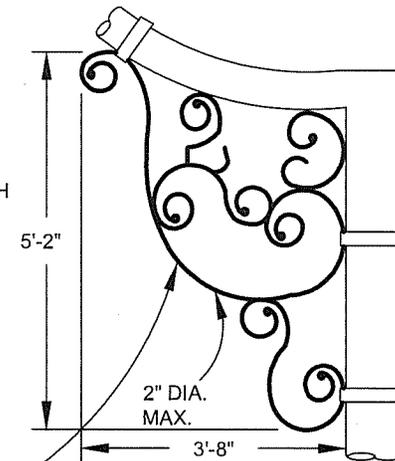
CAST BASE DETAIL

NOT TO SCALE



FINIAL DETAIL

NOT TO SCALE



DECORATIVE BRACKET

NOT TO SCALE

CAST ALUMINUM BRACKET.
PAINT "MALAGA GREEN" COLOR
MATCHING THE RAL CLASSIC
SYSTEM COLOR "RAL6005"

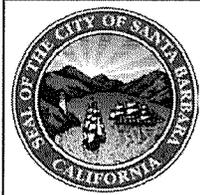
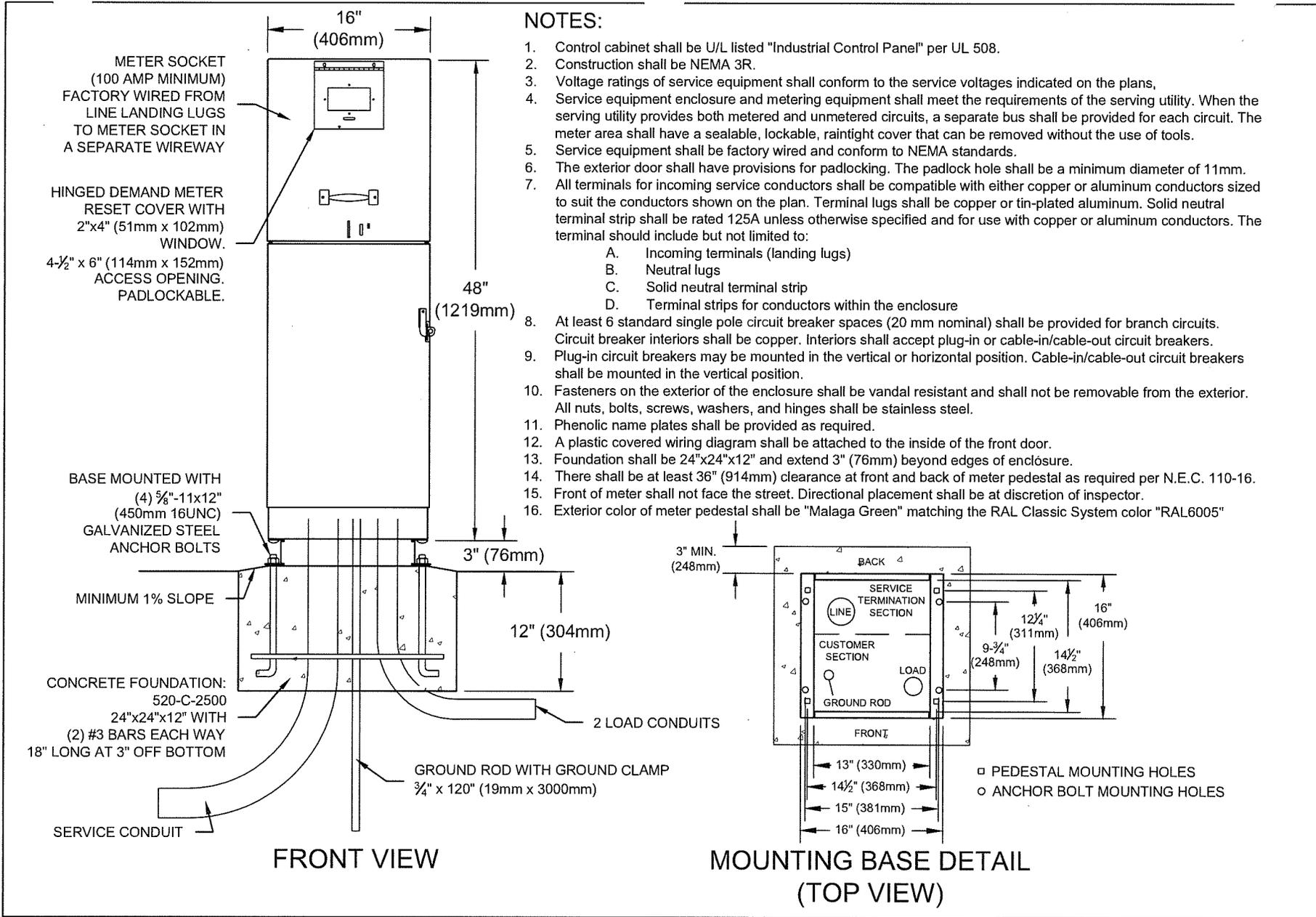
NOTES:

1. Pole is the standard Caltrans type, painted "Malaga Green" color matching the RAL Classic System color "RAL6005"
2. Light standard is 30 feet tall from the sidewalk to the base of the finial.
3. For foundation, see Standard Detail L-01.1 Recommended Mounting Setup Detail.



CARRILLO STREET DECORATIVE LIGHT STANDARD

STREETS: <i>ma</i>	REV. DATE: 11/12	DETAIL: L-08.0
TRANS OPS:	APPROVED: <i>RA Kell</i>	
FACILITIES: <i>gwl</i>	CITY ENGINEER	
WATER RESOURCES:	<i>Christina Pedersen</i> PUBLIC WORKS DIRECTOR	



METER PEDESTAL

STREETS: <i>MO</i>	REV. DATE: 11/12	DETAIL: L-09.0
TRANS OPS:	APPROVED: <i>W. Kelly</i>	
FACILITIES: <i>gal</i>	CITY ENGINEER	
WATER RESOURCES:	<i>Christina Couderse</i>	
	PUBLIC WORKS DIRECTOR	