

BASE PLATE

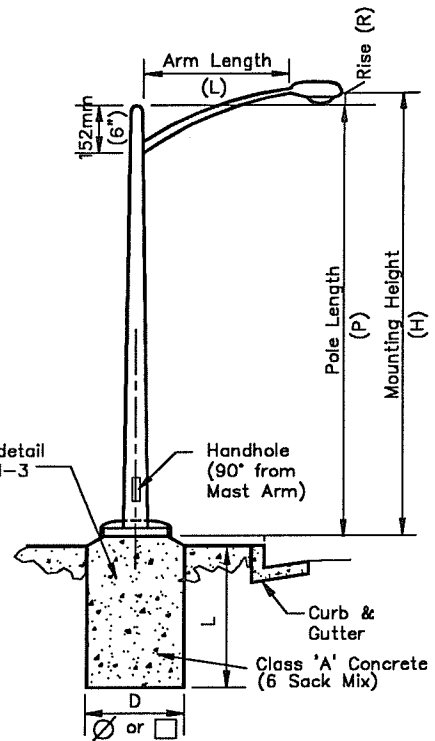
Elongate Bolt Holes (D-1 Bolt Cir. Dia.=292mm(11-1/2")
To: (D-2 Bolt Cir. Dia.=271mm(11"))

Base Plate thickness = 25mm(1")

Length m(ft.-in.)	SHAFT SIZE		Bolt Circle mm(in.)
	Top mm(in.)	Bottom mm(in.)	
7.62 (25-0)	98(3-7/8)	186(7-5/16)	292(11-1/2)
8.74 (28-6)	"	197(7-3/4)	"
9.14 (30-0)	"	203(8)	"
10.67 (35-0)	"	221(8-11/16)	305(12)

Pole length (P) m(ft.-in.)	Arm length (L) m(ft.-in.)	Rise (R) m(ft.-in.)		Mounting height (H) m(ft.-in.)
		(R) m(ft.-in.)	(H) m(ft.-in.)	
7.62(25-0)	1.83(6)	0.46(1-6)	8.08(26-6)	
	2.44(8)	0.69(2-3)	8.31(27-3)	
	3.05(10)	0.76(2-6)	8.38(27-6)	
8.69(28-6)	1.83(6)	0.46(1-6)	9.14(30-0)	
	2.44(8)	0.69(2-3)	9.37(30-9)	
	3.05(10)	0.76(2-6)	9.45(31-0)	
9.14(30-0)	3.66(12)	1.14(3-9)	9.83(32-3)	
	2.44(8)	0.69(2-3)	9.83(32-3)	
	3.05(10)	0.76(2-6)	9.91(32-6)	
10.67(35-0)	3.66(12)	1.14(3-9)	10.29(33-9)	
	2.44(8)	0.69(2-3)	11.27(37-3)	
	3.05(10)	0.76(2-6)	11.43(37-6)	
	3.66(12)	1.14(3-9)	11.81(38-9)	

See footing detail Sheet LI-2, LI-3



	MINIMUM COVER-CONDUIT		
	SIDEWALK	STREET	
		Minor & Collector	Arterial
PVC	610mm(24")	914mm(36")	10.67m(42")

GENERAL NOTES:

- Anchor bolts - 25x914x102mm(1"x 36"x 4")(4 ea.)
- All steel parts shall be hot dip Galvanized after fabrication.
- Base cover required.
- Pole shall be 40I (10 ga).
- Conduit size: 32mm(1-1/4") min. unless otherwise noted.
- Conductor size: In streetlight pole & arm use #10 THWN.
: In conduit use #8 THWN.
- Handhole reinforcement ring to be 6x38mm(1/4" x 1-1/2").
- Luminaire shall be high pressure sodium vapor(HPSV) manufactured by General Electric or approved equal.
The wattage and distribution as shown on approved plans.
- All street lights shall be wired to a multiple circuit, 240 volts.
- Poles and mast arms shall be steel, prime coated and painted with two coats of paint, semi gloss, "Kelly Moore # 183," "Mesa Brown."
- All luminaires shall be installed with integral ballasts and individual photo-electric control.
- Luminaires shall be Semi-Cut-Off and housing shall be provided with a Slip-fitter capable of mounting on two inch pipe tenon and of being adjusted ±5 degrees from the axis of the tenon.

ELEVATION

	FOOTING DIMENSIONS	
	SINGLE ARM	DUPLEX ARM
D	762mm (30")	762mm (30")
L	1.52m (5'-0")	1.63m (5'-4")

*Except 10.67m(35') Pole
L=1.63m(5'-4")

Units are in metric
Non-metric units in brackets

ACAD FILENAME: STLIGHT2

CITY OF MENLO PARK STANDARD DETAILS



NO.	REVISIONS	DATE

STREET LIGHT POLE AND FITTINGS

APPROVED

John A. ...
Director of Engineering Services R.C.E. No.40990

DRAWN	CHECKED	DATE	SCALE	SHEET
		1-1-97	NTS	1 OF 1

STD. DETAIL No.: **LI-1**