

STREET LIGHT POLES:

All street light poles shall be those shown on standard plan TR-040 except in the following cases.

Street light poles in the cul-de-sac and street light poles on neighborhood streets deemed not to be neighborhood collectors by the Traffic Engineer. Street light poles in those locations are shown on standard plans TR-030.

LOCATION OF STREET LIGHTS:

Street light poles are to be placed as close to property lines as possible. Final location of street light poles will be approved by the Traffic Engineer.

TRENCHES:

Street lighting conduit shall be placed in its own separate trench. Whenever possible, the trench shall be located as close as possible to the street light bases.

CONDUIT SIZE:

The minimum size of conduit traversing between junction box to street light base shall be 1 1/2" and rigid steel. The minimum size of all other conduit shall be 2" and shall comply to standard detail TR-020.

ILLUMINATION LEVELS:

The illumination levels shall comply with the following table:

ROADWAY AND AREA CLASSIFICATION		AVERAGE LUMINANCE	LUMINANCE UNIFORMITY	
			L AVG. TO L MIN.	L MAX. TO L MIN.
ARTERIAL	COMMERCIAL	1.2	3 TO 1	5 TO 1
	INTERMEDIATE	0.9	3 TO 1	5 TO 1
	RESIDENTIAL	0.6	3.5 TO 1	6 TO 1
COLLECTOR	COMMERCIAL	0.8	3 TO 1	5 TO 1
	INTERMEDIATE	0.6	3.5 TO 1	6 TO 1
	RESIDENTIAL	0.4	4 TO 1	8 TO 1
LOCAL	COMMERCIAL	0.6	5 TO 1	10 TO 1
	INTERMEDIATE	0.5	6 TO 1	10 TO 1
	RESIDENTIAL	0.3	6 TO 1	10 TO 1

The City Traffic Engineer shall adjust, add, or remove street lights where necessary. The developer may submit calculations that differ from the City Traffic Engineer's that meet the standards set in the above table. The calculations shall be stamped by a civil engineer licensed in the State of Washington.



ILLUMINATION SPECIFICATIONS

STANDARD PLAN: TR - 010	CITY ENGINEER APPROVAL: Longview: C.B.
DATE: FEB. 2008	Kelso: S.Z.