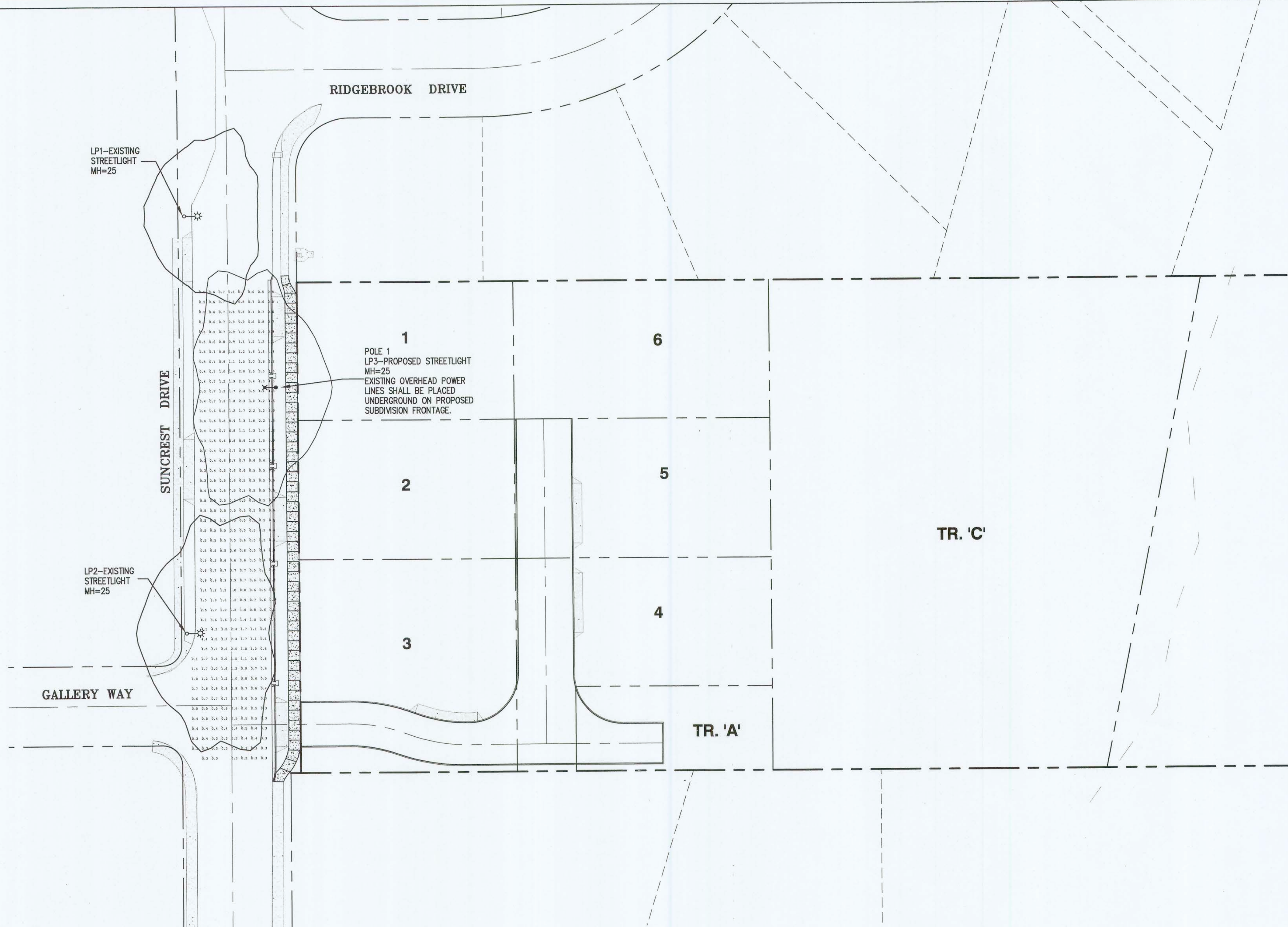
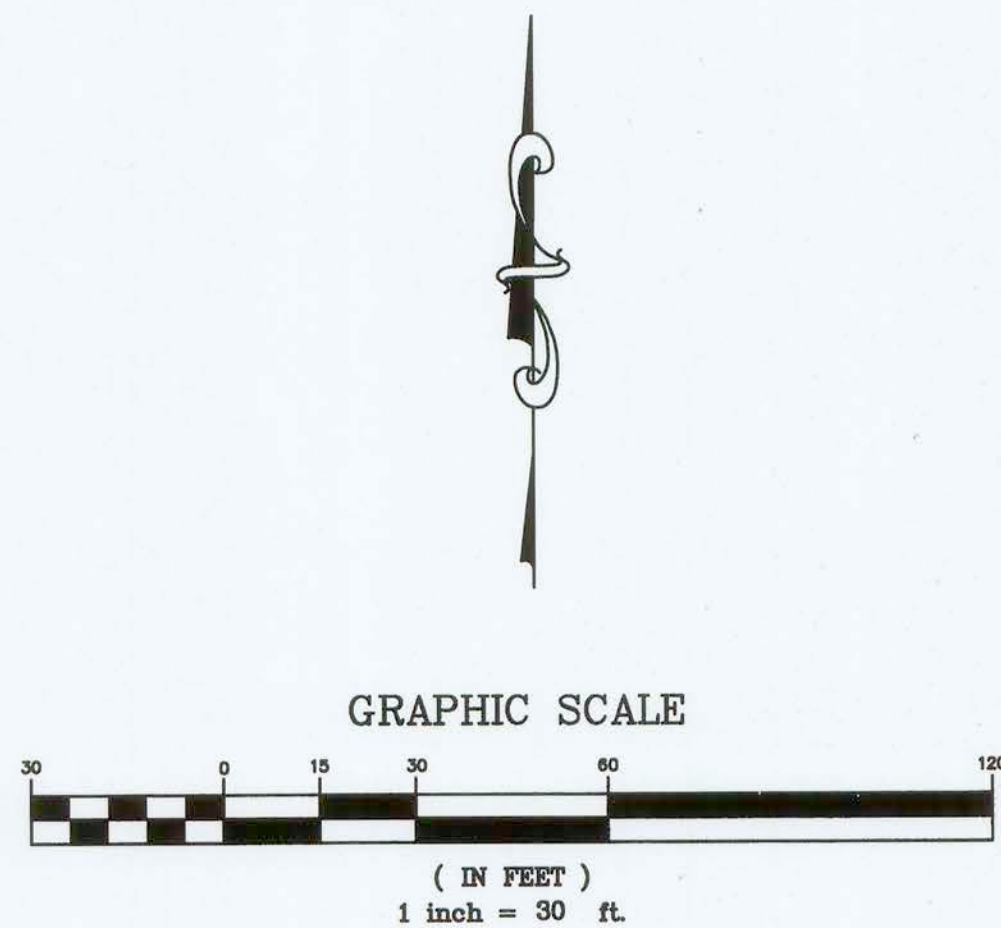




LIGHT LEVEL REQUIREMENTS				
ROADWAY	CLASSIFICATION		LIGHT LEVEL	UNIFORMITY
SUNCREST DRIVE	COLLECTOR	TARGET	0.6 FC AVG	4:1 AVG/MIN
		ACHIEVED	0.97 FC	3.23:1
INTERSECTION SUNCREST DRIVE/GALLERY WAY	COLLECTOR/LOCAL	TARGET	0.9 FC AVG	4:1 AVG/MIN
		ACHIEVED	1.04 FC	3.47:1

LUMINAIRE SCHEDULE								
PROJECT: SUNCREST SUBDIVISION								
QTY	LABEL	DESCRIPTION	WATTS	LUMENS	ARM	ARRANGEMENT	LLF	
1	LP1-EXISTING STREETLIGHT	HPS, 'COBRA' STYLE, DROP LENS LUMINAIRE MOUNTED ON A 25' MOUNTING HEIGHT GRAY FIBERGLASS POLE	100	9500	6	SINGLE	0.690	
1	LP2-EXISTING STREETLIGHT	HPS, 'COBRA' STYLE, DROP LENS LUMINAIRE MOUNTED ON A 25' MOUNTING HEIGHT GRAY FIBERGLASS POLE	150	16000	6	SINGLE	0.690	
1	LP3-PROPOSED STREETLIGHT	HPS, 'COBRA' STYLE, DROP LENS LUMINAIRE MOUNTED ON A 25' MOUNTING HEIGHT GRAY FIBERGLASS POLE	150	16000	6	SINGLE	0.690	

NUMERIC SUMMARY								
PROJECT: SUNCREST SUBDIVISION								
LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN	
SUNCREST DRIVE	ILLUMINANCE	Fc	0.97	4.60	0.3	3.23	15.33	
INTERSECTION SUNCREST/GALLERY WAY	ILLUMINANCE	Fc	1.04	4.50	0.3	3.47	15.00	

APPROVED FOR CONSTRUCTION BY
CITY OF WEST LINN

This approval is only for general conformance with the design concept and general compliance with applicable codes and requirements and shall not be construed as relieving the Design Engineer of full responsibility for accuracy and completeness of the drawings. This plan review approval does not prevent the City from requiring further code corrections.

DATE: 8/11/11 BY: [Signature] ENGINEERING
DATE: 8/11/11 BY: [Signature] PLANNING

REVISIONS			
NO.	DATE	DESCRIPTION	
1	7-13-11	REV. PER CITY COMMENTS	
2	7-28-11	REV. PER CITY COMMENTS	

EMERIO
Design

6107 SW MURRAY BLVD., SUITE 147
BEAVERTON, OREGON 97008
TEL: (503) 515-5528
FAX: (503) 639-9592

SHEET
EL1
OF
13

LIGHTING STUDY

SUNCREST DRIVE
6-LOT SUBDIVISION
TAX LOT 6700
T2S R1E, SECTION 23 BD
WEST LINN, OREGON