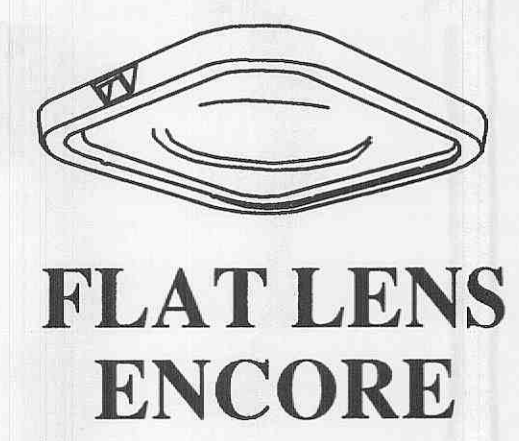
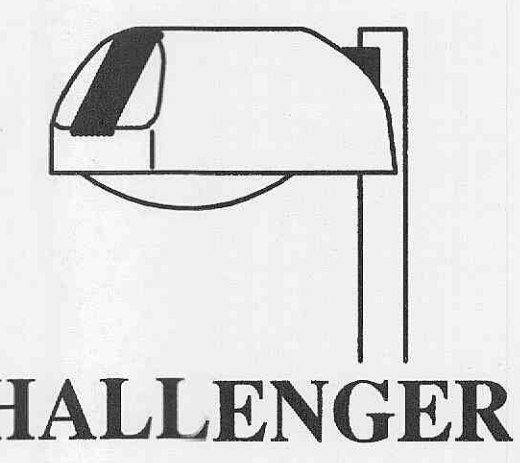


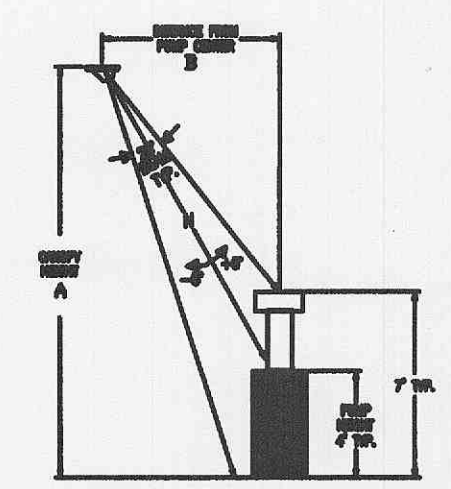
FOCUS



**FLAT LENS
ENCORE**



CHALLENGER



LAMP LAYOUT FOR 25' FLOOD

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'
15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'	20'
25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'

Numeric Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DISPENSER	Illuminance	Fc	53.09	74.3	33.8	1.57	2.20

Statistical Area Summary

Label	Avg	Max	Min	Avg/Min	Max/Min
CANDPY	32.91	61.0	20.2	1.63	3.02
INSIDE CURB	7.86	38.1	0.2	39.30	190.50

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Lumens	LLF	Description	Total Watts
10	A	SINGLE	6000	0.720	ECTA-SP-100-P-38-FD	129	
12	B	SINGLE	32000	0.720	ECTA-S-320-PSMV-F	370	
1	C	SINGLE	110000	0.720	CHV-FP-1000-MHR-CT 20' POLE SINGLE	1080	
2	D	D180	110000	0.720	CHV-FP-1000-MHR-CT 20' POLE D180	2160	
5	E	SINGLE	40000	0.720	CHV-FP-400-SMV-CT 20' POLE SINGLE	458	

MAINTAINED FOOTCANDLE VALUES AT GRADE,
USING A .72 MAINTENANCE FACTOR.

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions.

This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

1	08/02/06	erd
Rev.	Date	By
Revisions		
LIGHTING PROPOSAL FOR WATERWAY GAS & WASH O'FALLON, MO		
SCALE:	1"=20'	LO-77864
DATE:	2-13-06	
BY:	BDB	SHEET 1 OF 1