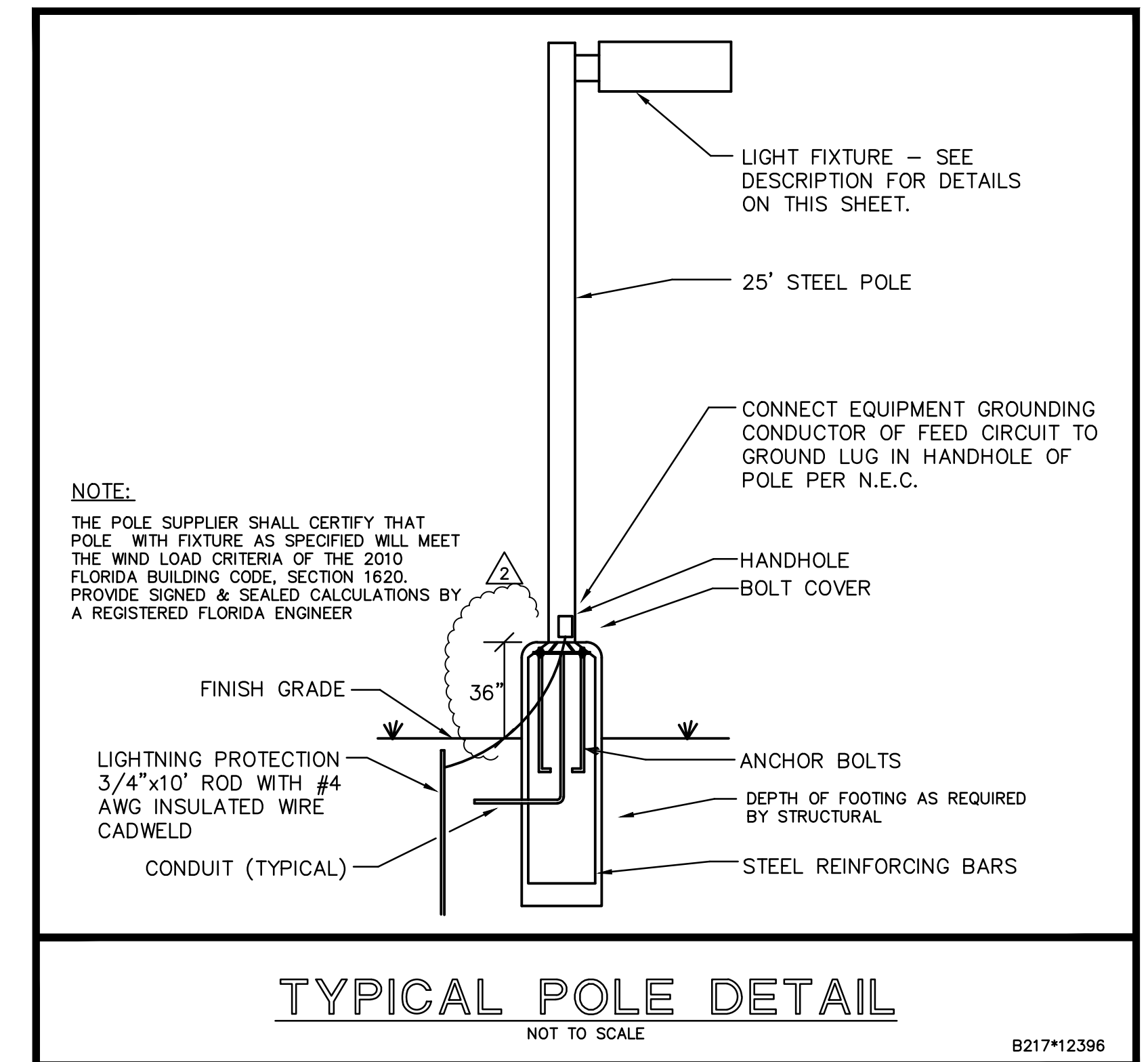


Symbol	Label	[MANUFAC]	Description	Qty	Arrangement	Total Lamp Lumens	LLF	Lum. Watts	Total Watts
+	C4	PRECISION PARAGON	QCF-UL-24C-F-51K-GCO, FLEDR-24-7-UNIV-CVQ-5-WH	12	SINGLE	N.A.	0.800	57.87	694.44
■	L3S	Lithonia Lighting	DSX0 LED 20C 1000 50K T3M MVOLT	1	SINGLE	N.A.	0.900	72	72
■	L4S	Lithonia Lighting	DSX0 LED 20C 1000 50K T4M MVOLT HS	2	SINGLE	N.A.	0.900	72	144
■	L4SB	Lithonia Lighting	DSX1 LED 60C 1000 50K T4M MVOLT HS	2	SINGLE	N.A.	0.900	209	418
■	L5	Lithonia Lighting	DSX1 LED 60C 1000 50K T5M MVOLT	3	SINGLE	N.A.	0.900	209	627
■	L5B	Lithonia Lighting	DSX2 LED 80C 1000 50K T5M MVOLT	1	SINGLE	N.A.	0.900	277	277
■	L5S	Lithonia Lighting	DSX0 LED 30C 1000 50K T5VS MVOLT R90 HS	1	SINGLE	N.A.	0.900	104	104
—	S	LSI	S-1-32 SS010 UW/WG 240	42	SINGLE	1450	0.85	59	2478

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTY LINE EAST	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
PROPERTY LINE NORTH	Illuminance	Fc	0.22	0.6	0.0	N.A.	N.A.
PROPERTY LINE SOUTH	Illuminance	Fc	0.46	1.5	0.0	N.A.	N.A.
PROPERTY LINE WEST	Illuminance	Fc	0.27	0.9	0.0	N.A.	N.A.
CANOPY	Illuminance	Fc	7.09	9.9	1.4	5.08	7.07
CARWASH PARKING	Illuminance	Fc	2.28	3.3	1.0	2.28	3.30
STORE PARKING	Illuminance	Fc	1.75	3.0	1.0	1.75	3.00

LIGHTING COMPLIANCE CHART				
	LAMP DESCRIPTION	QTY	LUMINAIRE LUMENS	TOTAL
C4	60W LED	12	5750	69,000
L3S	72W LED	1	7773	7773
L4S	72W LED	2	7879	15758
L4SB	209W LED	2	22346	44692
L5	209W LED	3	23466	70398
L5B	277W LED	1	31512	31512
L5S	104W LED	1	12322	12322
S	60W FLUORESCENT	421	1450	60900
TOTAL LUMINAIRE LUMENS			243424.0	
SITE ALLOWED TOTAL LUMENS (LUMENS PER SF X HARDSCAPE)			420,787.5	
PROJECT IS COMPLIANT?			YES	

**SITE PHOTOMETRIC PLAN**  
1"=30'-0"



ANY ACCEPTABLE ALTERNATE/SUBSTITUTE MUST BE APPROVED IN WRITING PRIOR TO BID DATE. TO CONFIRM THAT THE SPECIFIED PHOTOMETRIC CRITERIA HAS BEEN MET, A COMPUTER DISK CONTAINING THE IES PHOTOMETRIC FILE FOR THE PROPOSED ALTERNATE/SUBSTITUTION MUST BE SUBMITTED TO KAMM CONSULTING ENGINEERS FOR EVALUATION NO LESS THAN 10 DAYS PRIOR TO BID.

date	
revision	
1	COORDINATION 11-25-15
2	COORDINATION 2-10-16
3	B.D.C. 6-6-16

1407 West Newport Center Drive  
 Phone 954-949-2200 Fax 954-949-2201  
 engineering@kammconsulting.com  
 Certification of Professional Engineer  
**KAMM Consulting**  
 12-09-16  
 signed

project title: **PROPOSED RETAIL 1810 AT LYONS RD AND SAMPLE RD**  
 COCONUT CREEK, FLORIDA  
 sheet title: **SITE PHOTOMETRIC PLAN**

proj. no.: 2015-0630  
 project manager: GK  
 checked by: LTC/RAK  
 scale: AS NOTED  
 date: 7/24/15

sheet  
**E1.1**  
 project