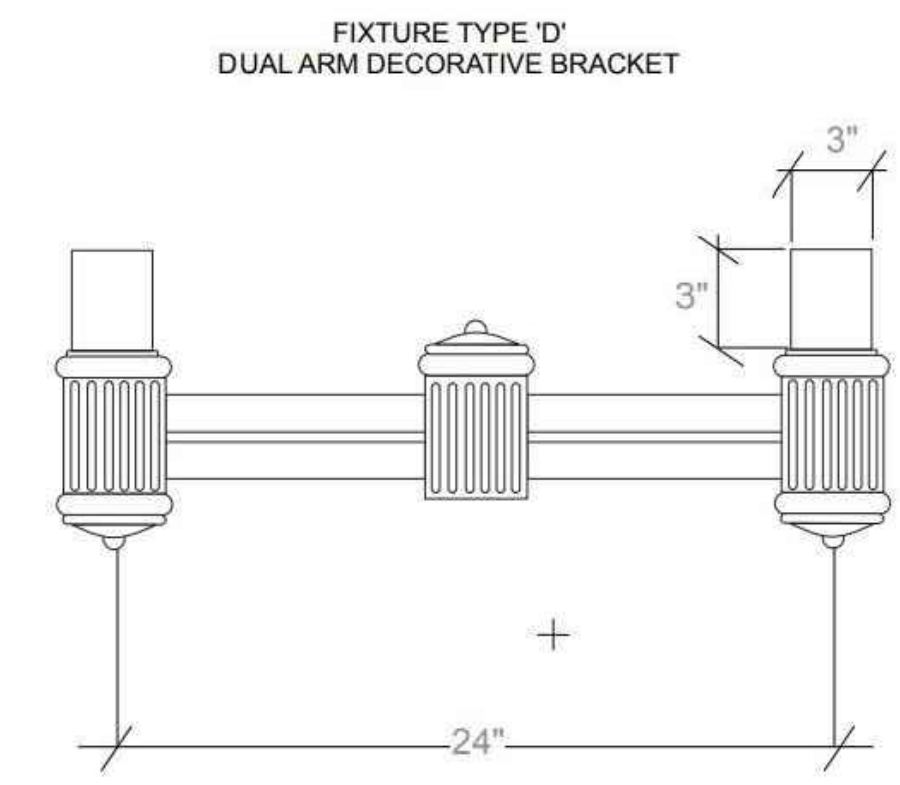


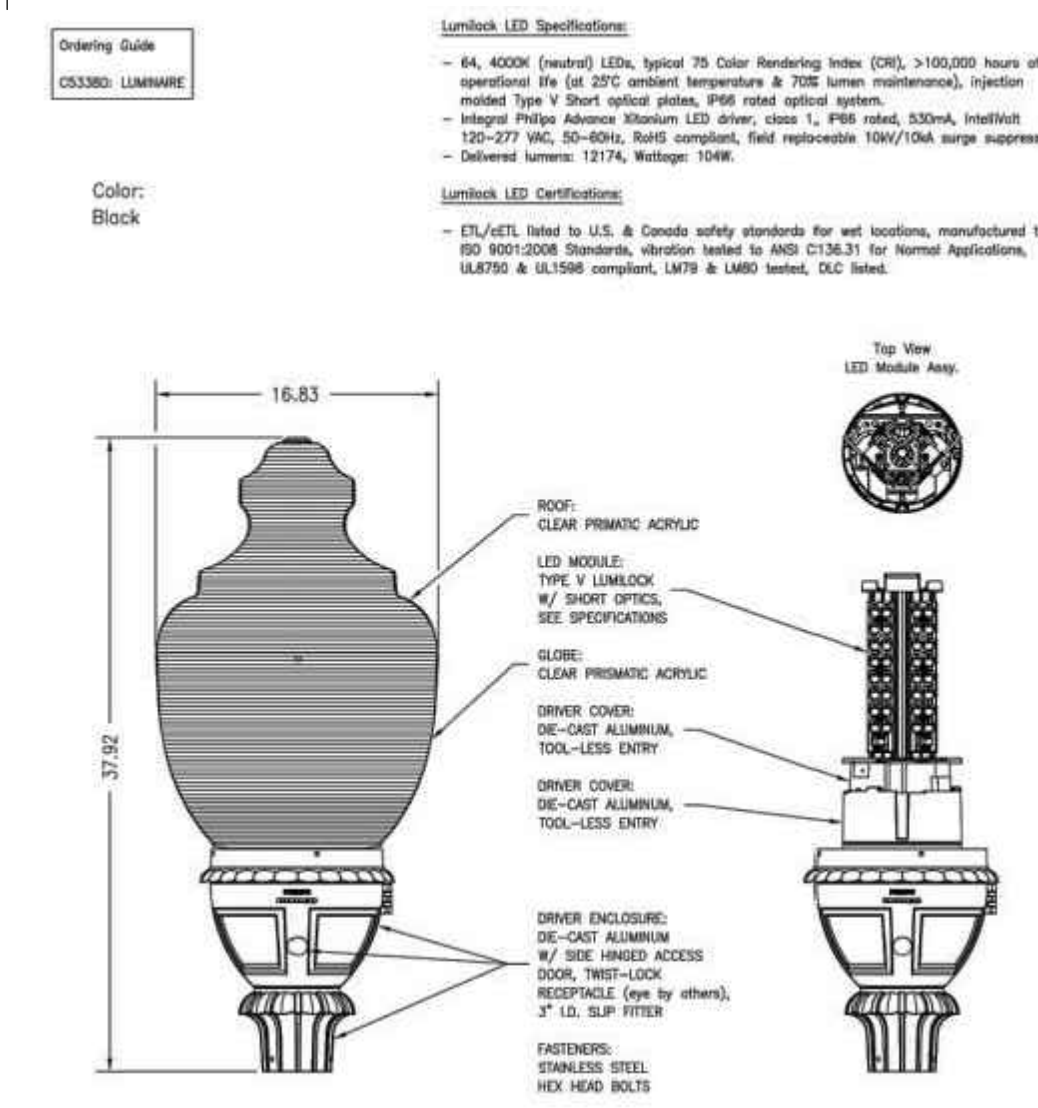
1 LIGHTING PLAN
 1"=30'-0"

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Lumens	Watts	LLF	Description	Manufacturer
	13	SL1	Town Standard Light Pole	12194	104.5	0.85	2 x Narrow Refractive Globe, LED, Acrylic Roof, Wide Type 5 Optic	Signify/Hadco
	4	EXB1	Bollard	260	3	0.85	MIMIK 20 M 15W 730 Type IV 0-10V (Derated Power Supply)	Performance in Lighting
	16	EXW1	Wall Mount	1319	15	0.85	MIMIK 20 M 15W 730 Type IV 0-10V	Performance in Lighting
	9	EXW2	Wall Mount	5520	63	0.085	MIMIK 50 M 53W 830 Type IV 0-10V	Performance in Lighting
	112	LS1	Strand	87	1	0.85	LITESPHERE VHO 2700K Clear Globe	Tivoli
	44	PG1	Covered Parking Pendant	3000	35	0.85	Michelle 36" Pendant (Derated Power Supply)	Birchwood Lighting
	93	PG2	Covered Parking Pendant	2500	25	0.85	NELLUS w/ CLR Polycarbonate Dome Lens, 3000K (Derated Power Supply)	CGF Design
	6	PL1	Parking Lot Pole	7668	55.7	0.085	EcoForm Area LED ECF - Small, 32 LED's, 4000K CCT, TYPE 5W OPTIC	Signify/Gardco
	15	EXD1	Recessed Downlights	1058	17	0.085	WG-100RPTD-RBT-M-935-D010-RRC-R50-110-W	Whitegoods

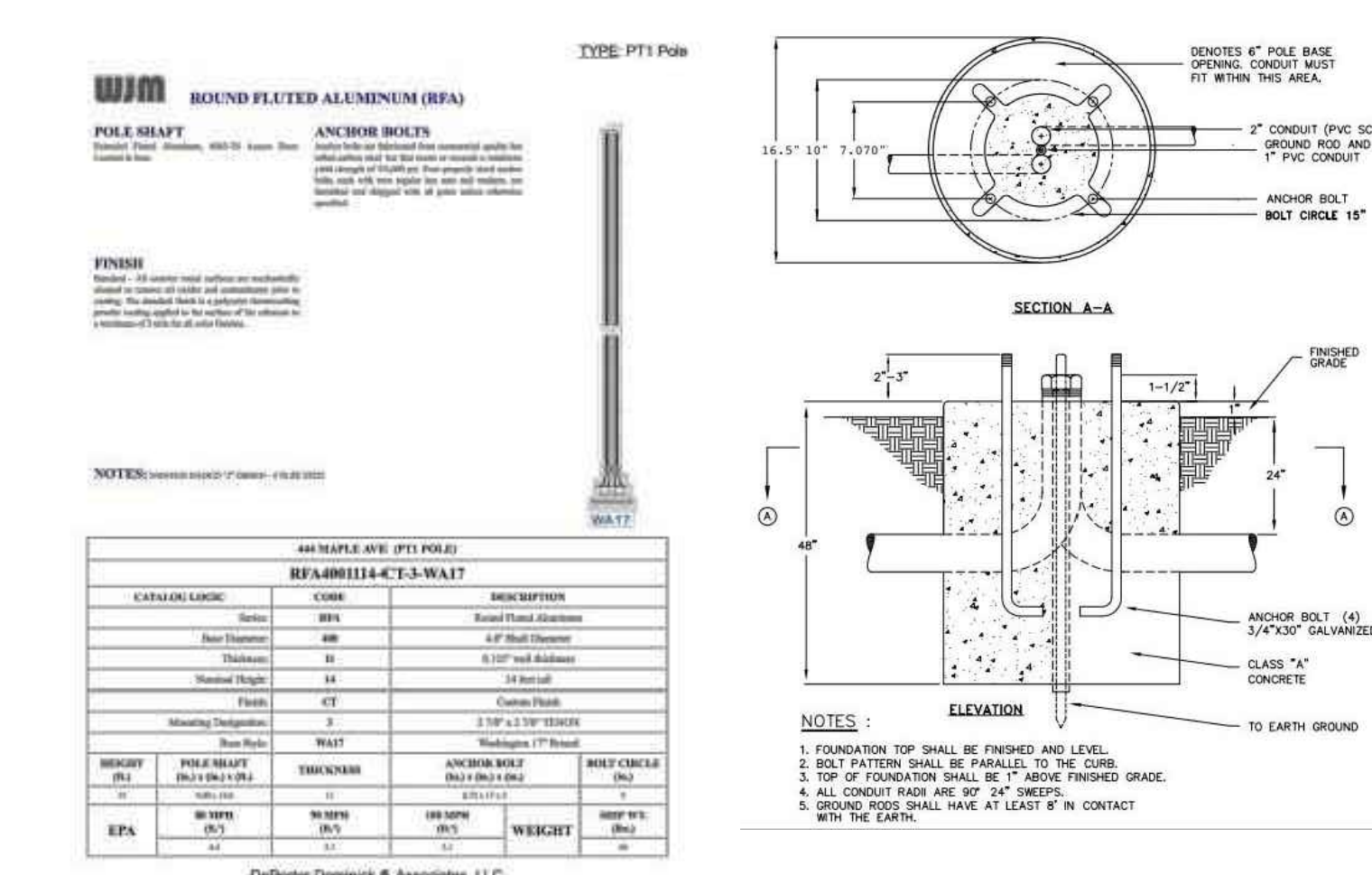
Calculation Summary								
Label	Calc Type	Units	Avg.	Max.	Min.	Avg/Min	Max/Min	Description
Sidewalk	illumiance	fc	3.16	7.61	0.65	4.58	11.25	5ft Grid
Parking and Drive	illumiance	fc	2.65	8.22	0.5	5.3	16.44	10ft Grid
Covered Parking	illumiance	fc	6.33	11.1	1.5	4.22	7.4	10ft Grid
Property Line	illumiance	fc	2.24	6.68	0	N.A.	N.A.	10ft Spacing
Light Trespass	illumiance	fc	0.004	0.0079	0	N.A.	N.A.	10ft Grid



2 SL1 BRACKET



3 SL1 LUMINAIRE



4 SL1 POLE

Owner
 Heikman & Co., Inc.
 505 Main Street, P.O. Box 667
 Hackensack, NJ, 07602
 1.201.487.1500

Architect
 KTG
 8609 Westwood Center Dr #600
 Tysons, VA 22182
 1.703.245.1090

Civil Engineer
 Walter L. Phillips
 207 PARK AVENUE
 Falls Church, VA 22046
 1.703.532.6163

SEAL

ISSUED FOR	DATE
1 Preliminary Application for MAC Zone Designation	12/06/17
2 Preliminary Application for MAC Zone Designation	02/15/18
3 Preliminary Application for MAC Zone Designation	04/11/18
4 Preliminary Application for MAC Zone Designation	04/11/18
5 Preliminary Application for MAC Zone Designation	06/25/18
6 Work Session	10/04/18
7 Preliminary Application for MAC Zone Designation	10/29/18
8 Preliminary Application for MAC Zone Designation	04/29/20

PROJECT NO.
 17041

SCALE:
 As Shown

DRAWN BY:
 BB, RJ, BH

REVIEWED BY:
 MR