



# URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:  
<http://www.cityofmadison.com/planning/documents/UDApplication.pdf>

215 Martin Luther King Jr. Blvd; Room LL-100  
PO Box 2985; Madison, Wisconsin 53701-2985  
Phone: 608.266.4635 | Facsimile: 608.267.8739

Please complete all sections of the application, including the desired meeting date and the type of action requested.

Date Submitted: <u>JULY 14, 2017</u>	<input type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>AUGUST 2, 2017</u>	<input checked="" type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 601 RAYOVAL DRIVE  
Project Title (if any): PARKING LOT EXPANSION AND RECONSTRUCTION

2. This is an application for (Check all that apply to this UDC application):

- New Development
- Alteration to an Existing or Previously-Approved Development

**A. Project Type:**

- Project in an Urban Design District\* (public hearing-\$300 fee)
- Project in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) (\$150 fee, Minor Exterior Alterations)
- Suburban Employment Center (SEC) or Campus Institutional District (CI) or Employment Campus District (EC)
- Planned Development (PD)
  - General Development Plan (GDP)
  - Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Planned Residential Complex

**B. Signage:**

- Comprehensive Design Review\* (public hearing-\$300 fee)
- Signage Exception(s) in an Urban Design District (public hearing-\$300 fee)
- Street Graphics Variance\* (public hearing-\$300 fee)

**C. Other:**

- Please specify: \_\_\_\_\_

**3. Applicant, Agent & Property Owner Information:**

Applicant Name: JODY SHAW Company: POTTER LAWSON INC.  
 Street Address: 749 UNIVERSITY ROW SUITE 300 City/State: MADISON, WI Zip: 53705  
 Telephone: (608) 274-2741 Fax: ( ) Email: JODY.S@POTTERLAWSON.COM

Project Contact Person: JODY SHAW Company: POTTER LAWSON INC.  
 Street Address: 749 UNIVERSITY ROW SUITE 300 City/State: MADISON Zip: 53705  
 Telephone: (608) 274-2741 Fax: ( ) Email: JODY@POTTERLAWSON.COM

Project Owner (if not applicant): EXACT SCIENCES  
 Street Address: 441 CHARMANY DRIVE City/State: MADISON / WI Zip: 53719  
 Telephone: (608) 210 5176 Fax: ( ) Email: J.SCHRIEVER@EXACTSCIENCES.COM

**4. Applicant Declarations:**

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with AL MARTIN on 7/12/2017.

(name of staff person) (date of meeting)

B. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of Applicant Jody Shaw Relationship to Property ARCHITECT

Authorized Signature [Signature] Date 07/14/2017



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Authorized Signature [Signature] Date 07/14/2017



# Parking Lot Expansion and Reconstruction

601 Rayovac Drive  
Urban Design Commission  
07.19.2017

Letter of Intent:  
Parking Lot Expansion and Reconstruction.

The client is currently engaging in a remodeling project for the first floor of the Office building at 601 Rayovac Drive. They are projected to have 430 staff members in that build-out by the end of this year, and are scheduled to occupy in the middle of October of this year.

The current site has a parking capacity of 569 stalls. However, the client is on track to begin construction on the first phase of a new Clinical lab and Warehouse facility in October of this year. This project will remove 277 of the existing stalls on site, leaving the office tenants extremely short on parking stalls.

This project will add one double row of parking on the Western edge of the existing parking lot, and reconfigure the interior layout by reducing the islands to be more efficient so as to increase the capacity of the lot to approximately 489 stalls (including 11 accessible stalls). There is some regrading associated with the expansion and a site wall on the south western edge of the parking lot to allow for area for landscape screening. A small retention basin is also planned for the parking lot to meet current standards for storm water control.

This reconstruction is critical to the project moving into the Existing building by providing adequate parking for the staffing projections. The client intends to move into other floors of the existing office building in later phases, and will outgrow this parking lot, but intends to provide additional on site parking in later phases to account for that growth. Please see the Phase 1 of the Clinical Lab for how this new parking supports the future development.

We recognize the potential for new Clinical lab project to not occur through unforeseen circumstances, so we have provided the following parking counts for the existing site, provided that parking lot is expanded, but the other existing parking does not get removed. The Office building was constructed in 1984, when office design required far less density, so by current standards, we believe the site can handle the additional parking stalls and not be over parked.

Existing Office building (A):	159,000 SF
Existing Manufacturing Building (B):	80,000 SF
Existing Parking Stalls:	569 Stalls

Madison Ordinances, parking for Offices, allow a range of 1 stall per 250 to 400 gross square feet. Assuming both buildings (A and B) could be used as office functions (239,000 SF) the site can handle 597 to 956 stalls.

Alternately by using the Madison Ordinances for Light Manufacturing, we could use 1 stall per employee for Building (B). We could assume 1 person per 300 to 500 gross square feet, for a projected range of 160 to 266 employees (stalls). This would provide a total range of 557 to 902 stalls.

If we expanded the parking lot and then phase one of the new building did not happen, we would grow to 773 stalls on site which fits nicely in the ranges above.

The project is located in Urban Design District 2, which has guidelines for parking. This parking area is not visible from Schroeder road. The landscape plan will build on the existing screening provided, and reinforce the screening to the Beltline and adjacent properties. Plant Material will follow the guidelines as set in the UDD2 document.

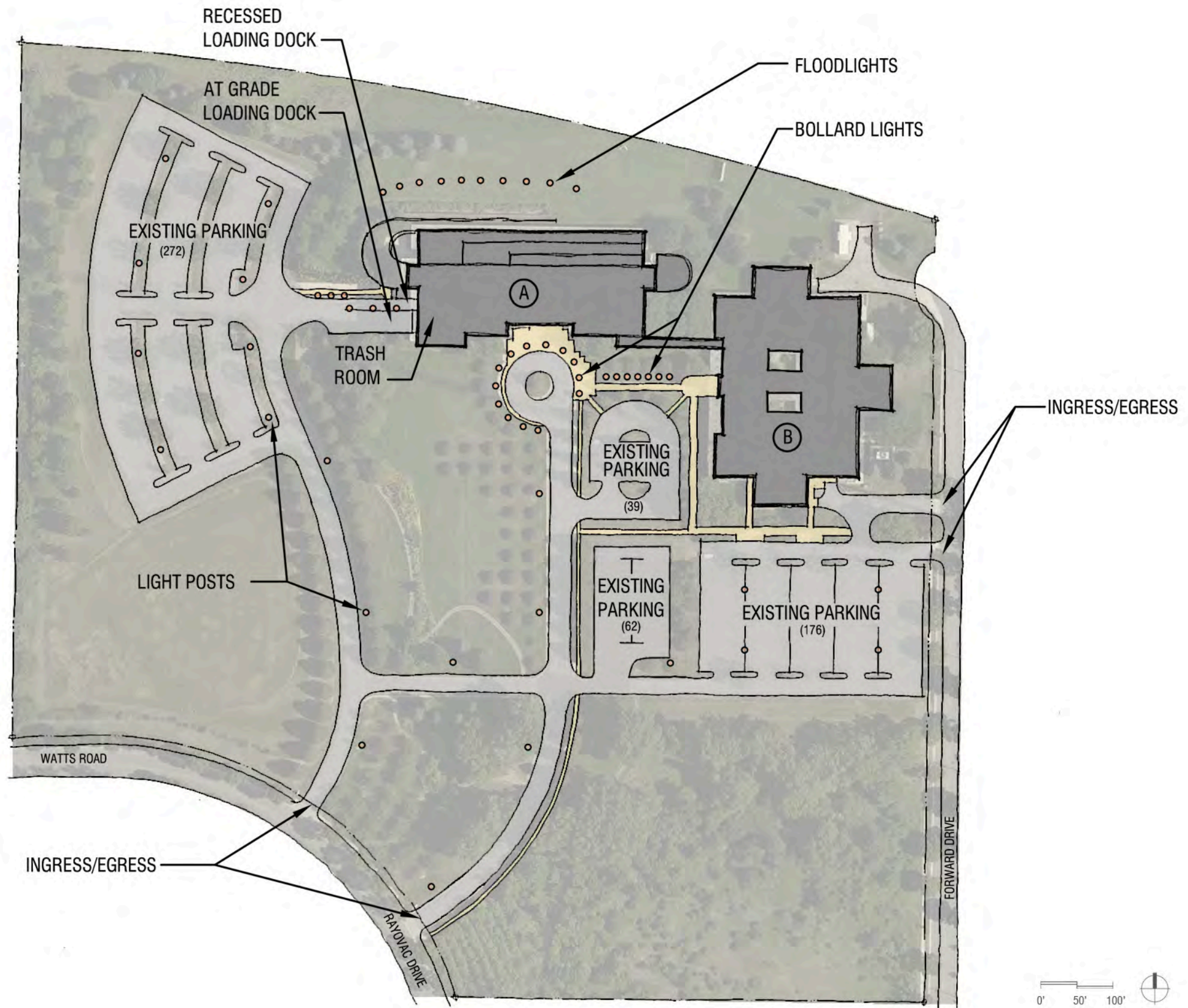
PARKING LOT LOCATION

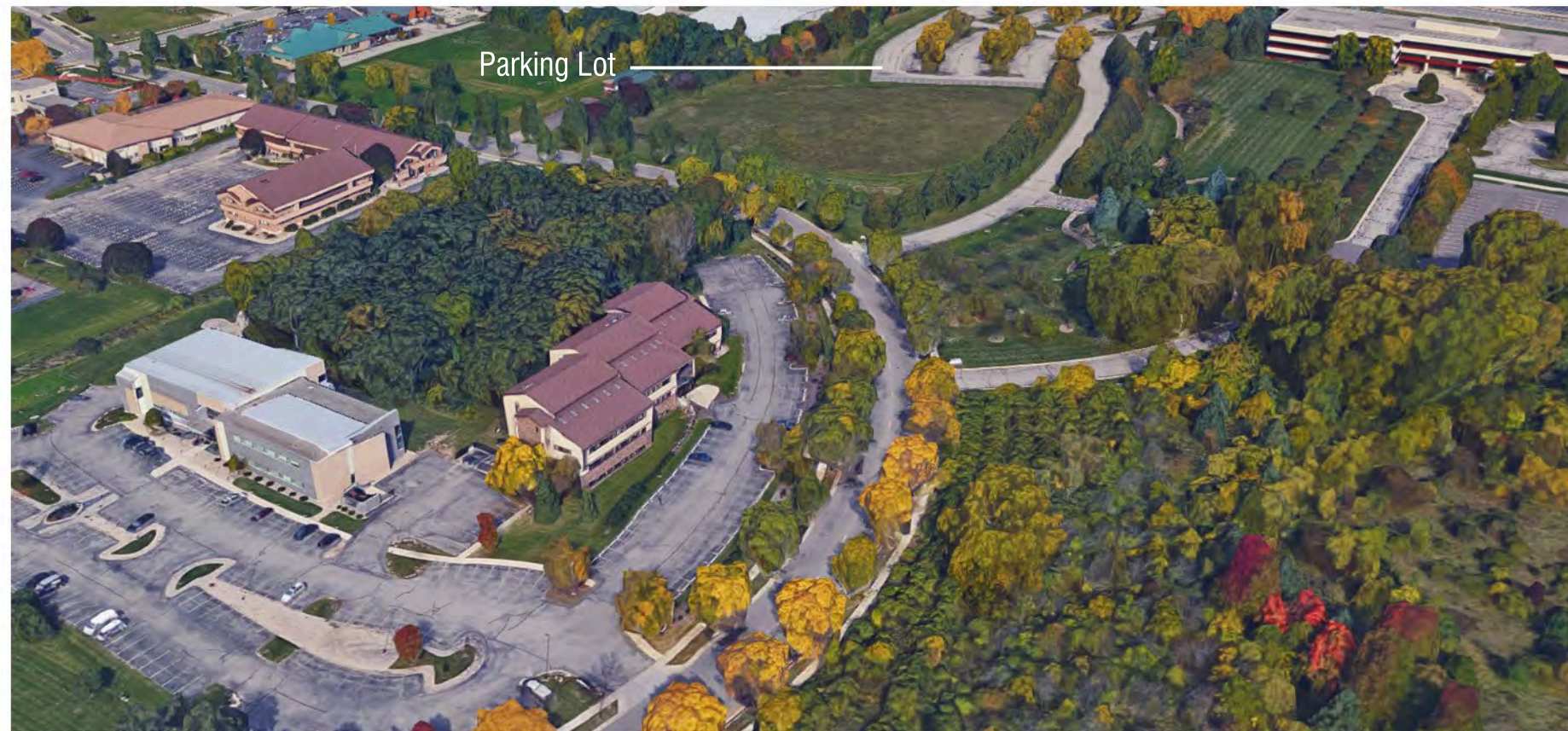




Aerial View  
PARKING LOT EXPANSION AND RECONSTRUCTION  
601 RAYOVAC DRIVE  
2017.01.02  
July 19, 2017

- Ⓐ Existing Office Building
- Ⓑ Existing Tech Center











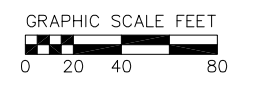
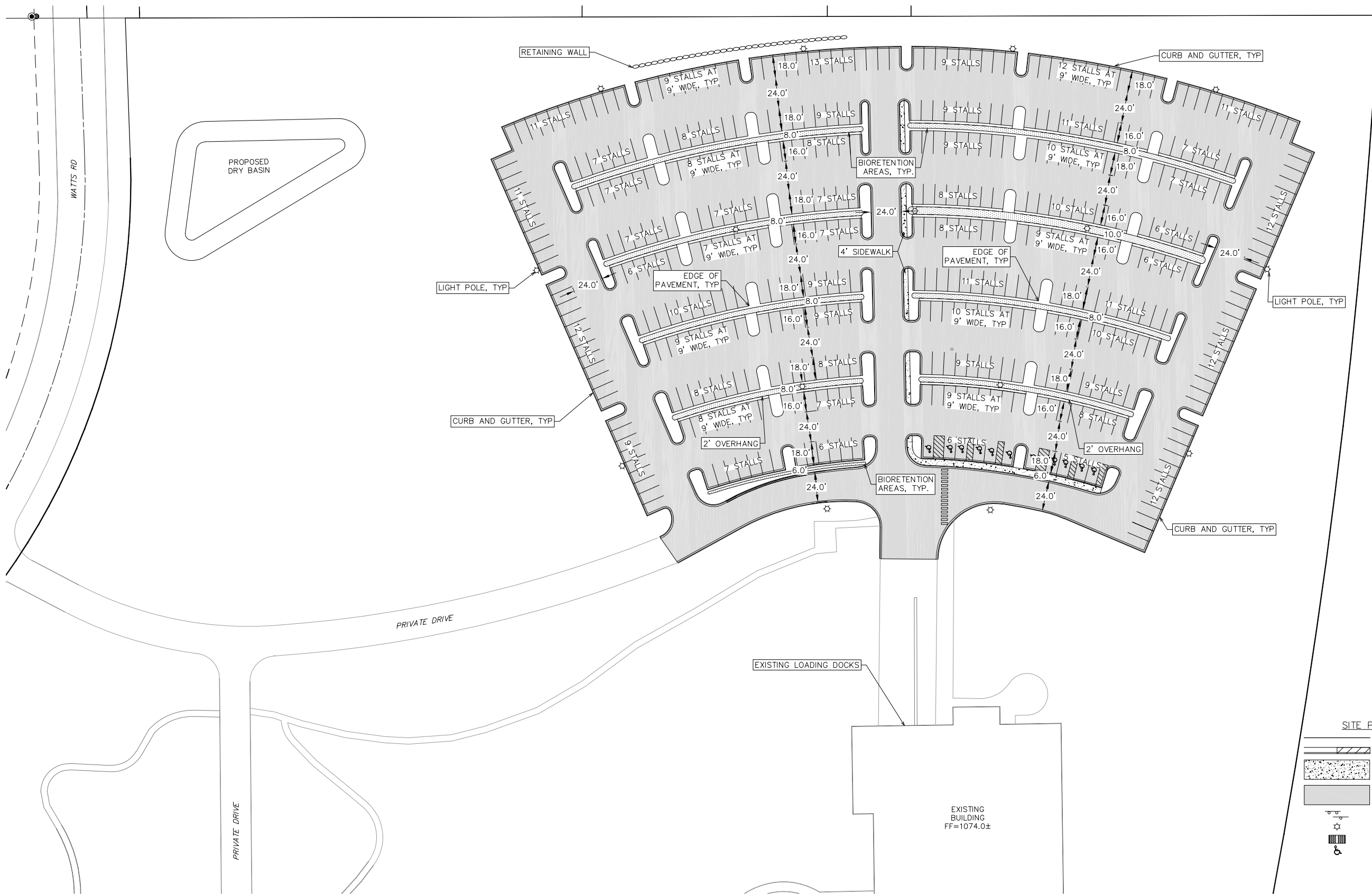
Context Views  
PARKING LOT EXPANSION AND RECONSTRUCTION  
601 RAYOVAC DRIVE  
2017.01.02  
July 19, 2017



View towards Watts/Rayovac streets

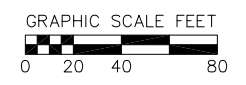
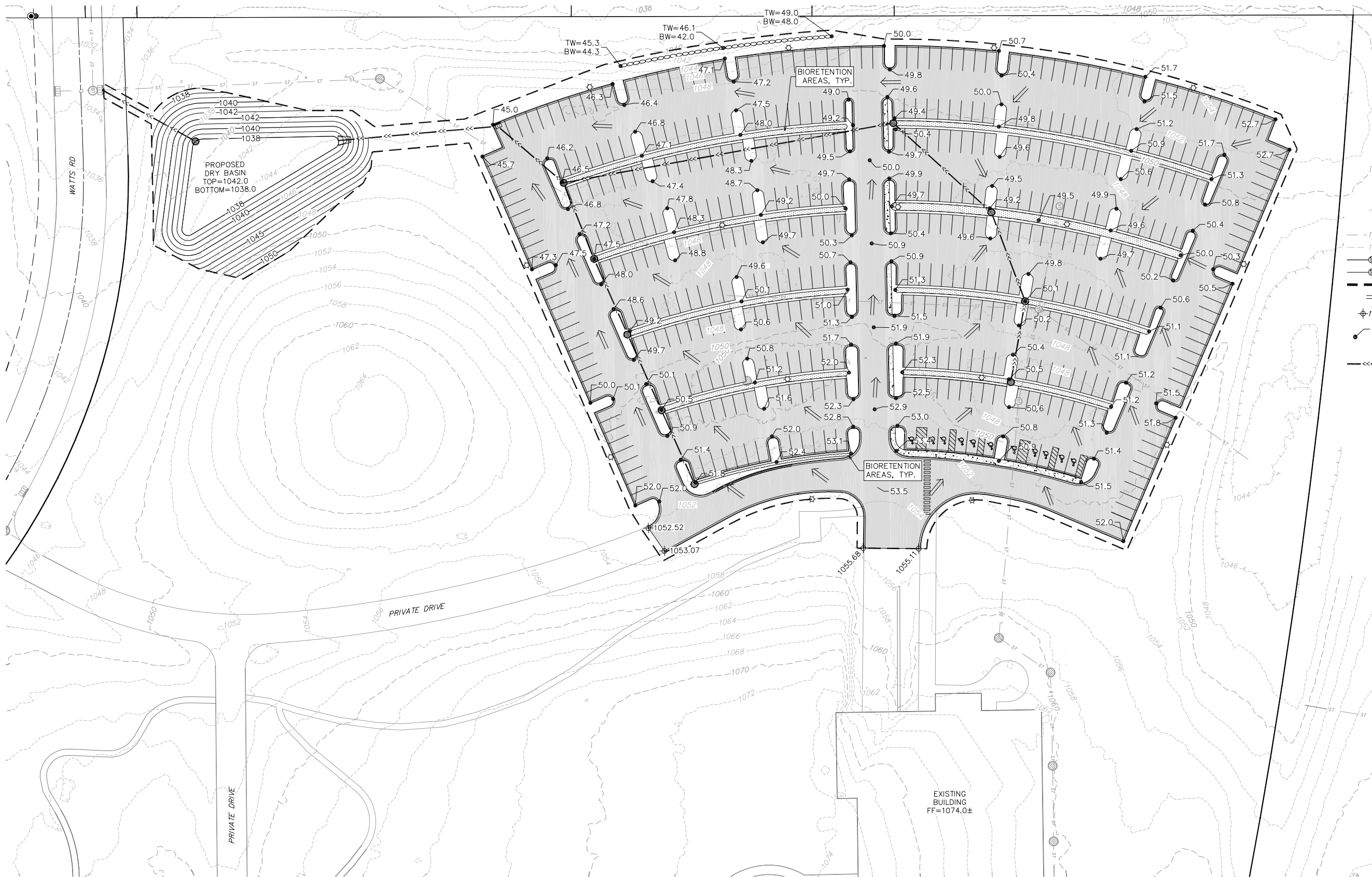
View towards Beltline

Site Views  
PARKING LOT EXPANSION AND RECONSTRUCTION  
601 RAYOVAC DRIVE  
2017.01.02  
July 19, 2017



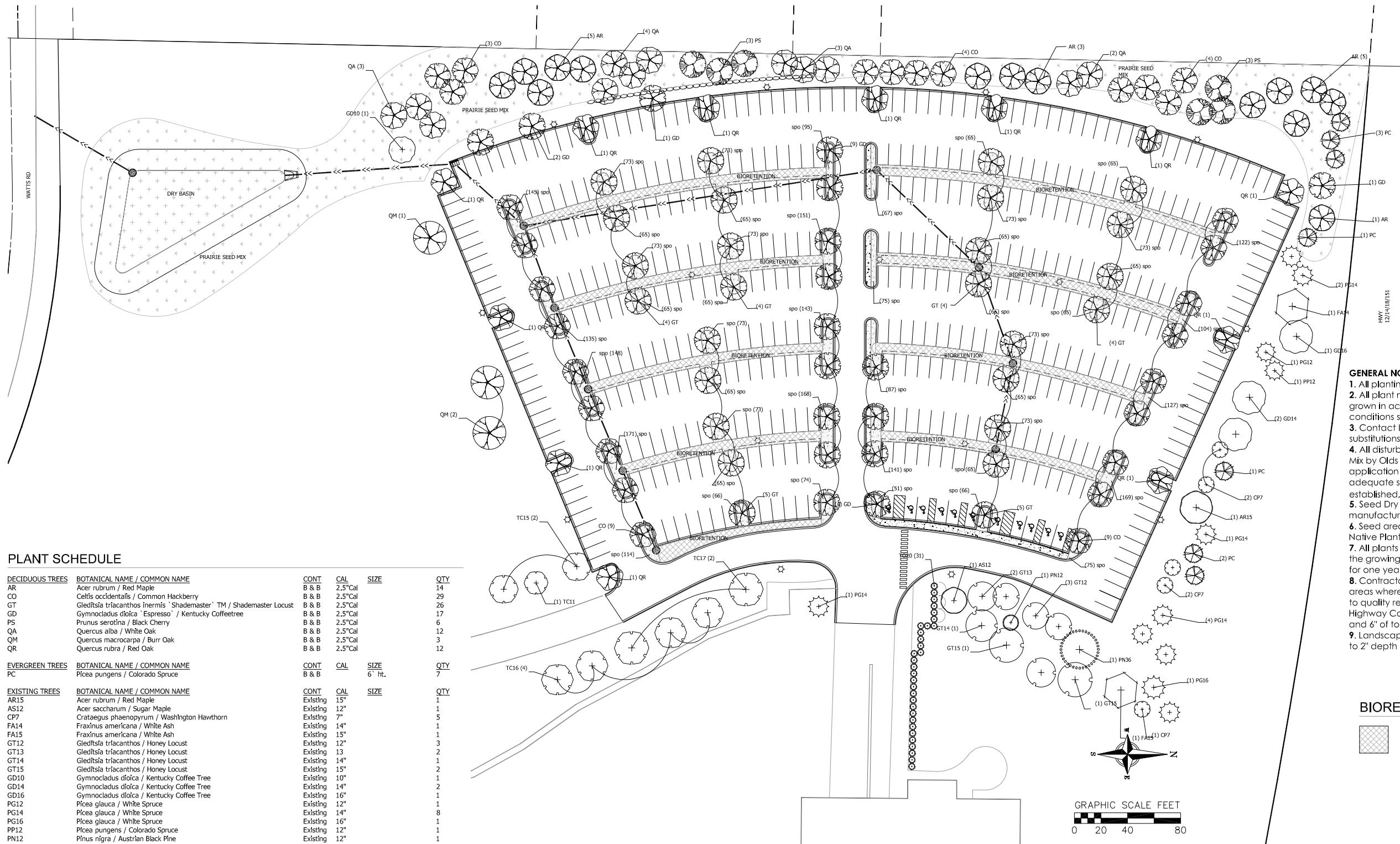
- SITE PLAN LEGEND**
- PROPERTY BOUNDARY
  - CURB AND GUTTER (REVERSE CURB HATCHED)
  - PROPOSED CONCRETE
  - PROPOSED ASPHALT
  - PROPOSED SIGN
  - PROPOSED LIGHT POLE
  - PROPOSED ADA DETECTABLE WARNING FIELD
  - PROPOSED HANDICAP PARKING

**Site Plan**  
 PARKING LOT EXPANSION AND RECONSTRUCTION  
 601 RAYOVAC DRIVE  
 2017.01.02  
 July 19, 2017



- GRADING LEGEND**
- - - 1050 - - - EXISTING MAJOR CONTOURS
  - - - 1048 - - - EXISTING MINOR CONTOURS
  - 1050 — PROPOSED MAJOR CONTOURS
  - 1048 — PROPOSED MINOR CONTOURS
  - - - - - DISTURBED LIMITS
  - ⇒ DRAINAGE DIRECTION
  - ⊕ 1048.61 EXISTING SPOT ELEVATIONS
  - 1048.61 PROPOSED SPOT ELEVATIONS
- PROPOSED UTILITY LEGEND**
- - - - - STORM SEWER PIPE
  - ⊕ STORM SEWER MANHOLE
  - ⊓ STORM SEWER ENDWALL
  - ⊓ STORM SEWER CURB INLET
  - ⊓ STORM SEWER CURB INLET W/MANHOLE
  - ⊓ STORM SEWER FIELD INLET

**Grading Plan**  
 PARKING LOT EXPANSION AND RECONSTRUCTION  
 601 RAYOVAC DRIVE  
 2017.01.02  
 July 19, 2017



**PLANT SCHEDULE**

DECIDUOUS TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY	
AR	Acer rubrum / Red Maple	B & B	2.5"Cal		14	
CO	Celtis occidentalis / Common Hackberry	B & B	2.5"Cal		29	
GT	Gleditsia triacanthos Inermis 'Shademaster' TM / Shademaster Locust	B & B	2.5"Cal		26	
GD	Gymnocladus dioica 'Espresso' / Kentucky Coffeetree	B & B	2.5"Cal		17	
PS	Prunus serotina / Black Cherry	B & B	2.5"Cal		6	
QA	Quercus alba / White Oak	B & B	2.5"Cal		12	
QM	Quercus macrocarpa / Burr Oak	B & B	2.5"Cal		3	
QR	Quercus rubra / Red Oak	B & B	2.5"Cal		12	
EVERGREEN TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY	
PC	Picea pungens / Colorado Spruce	B & B	6" ht.		7	
EXISTING TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY	
AR15	Acer rubrum / Red Maple	Existing	15"		1	
AS12	Acer saccharum / Sugar Maple	Existing	12"		1	
CP7	Crataegus phaenopyrum / Washington Hawthorn	Existing	7"		5	
FA14	Fraxinus americana / White Ash	Existing	14"		1	
FA15	Fraxinus americana / White Ash	Existing	15"		1	
GT12	Gleditsia triacanthos / Honey Locust	Existing	12"		3	
GT13	Gleditsia triacanthos / Honey Locust	Existing	13"		2	
GT14	Gleditsia triacanthos / Honey Locust	Existing	14"		1	
GT15	Gleditsia triacanthos / Honey Locust	Existing	15"		2	
GD10	Gymnocladus dioica / Kentucky Coffee Tree	Existing	10"		1	
GD14	Gymnocladus dioica / Kentucky Coffee Tree	Existing	14"		2	
GD16	Gymnocladus dioica / Kentucky Coffee Tree	Existing	16"		1	
PG12	Picea glauca / White Spruce	Existing	12"		1	
PG14	Picea glauca / White Spruce	Existing	14"		8	
PG16	Picea glauca / White Spruce	Existing	16"		1	
PN12	Picea pungens / Colorado Spruce	Existing	12"		1	
PN36	Pinus nigra / Austrian Black Pine	Existing	36"		1	
PN36	Pinus nigra / Austrian Black Pine Clump	Existing	36"		1	
TO20	Thuja occidentalis 'Pyramidalis' / Pyramidalis Cedar	Existing	24"		31	
TC11	Tilia cordata / Littleleaf Linden	Existing	11"		1	
TC17	Tilia cordata / Littleleaf Linden	Existing	15"		2	
TC15	Tilia cordata / Littleleaf Linden	Existing	15"		2	
TC16	Tilia cordata / Littleleaf Linden	Existing	16"		4	
GROUND COVERS	BOTANICAL NAME / COMMON NAME	CONT	FIELD2	FIELD3	SPACING	QTY
spo	Sporobolus heterolepis / Prairie Dropseed	flat			18" o.c.	4,134

**GENERAL NOTES:**

- All plantings shall conform to quality requirements as per ANSI Z60.1.
- All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climatic conditions similar to those of the project site.
- Contact Landscape Architect, in writing, to request any plant material substitutions due to availability issues.
- All disturbed areas, unless otherwise noted, to be seeded with Madison Parks Mix by Olds Seed Company or equivalent, per manufacturer's specified application rates. All seeded areas are to be watered daily to maintain adequate soil moisture for proper germination. After vigorous growth is established, apply 1/2" water twice weekly until final acceptance.
- Seed Dry Basin bottom with Swale Seed Mix by Cardno Native Plant Nursery per manufacturer specified application rates.
- Seed areas labeled 'Prairie Seed Mix' with Economy Prairie Mix by Cardno Native Plant Nursery per manufacturer specified application rates.
- All plants shall be guaranteed to be in healthy and flourishing condition during the growing season following installation. All plant material shall be guaranteed for one year from the time of installation.
- Contractor shall provide a suitable amended topsoil blend for all planting areas where soil conditions are unsuitable for plant growth. Topsoil shall conform to quality requirements as per Section 625.2(1) of the Standard Specifications for Highway Construction. Provide a minimum of 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
- Landscape beds to be mulched with undyed shredded hardwood bark mulch to 2" depth min.

**BIORETENTION SCHEDULE**

BIORETENTION AREA PLANTINGS	14,454 sf	
Asclepias incarnata / Swamp Milkweed	1,503	10% flat 12" oc
Carex comosa / Bottlebrush Sedge	1,503	10% flat 12" oc
Carex cristatella / Crested Oval Sedge	1,503	10% flat 12" oc
Carex lurida / Lurid Sedge	1,503	10% flat 12" oc
Carex vulpinoidea / Brown Fox Sedge	1,503	10% flat 12" oc
Coreopsis tripteris / Tall Coreopsis	1,503	10% flat 12" oc
Iris virginica / Blue Flag Iris	1,503	10% flat 12" oc
Liatris spicata / Spike Gayfeather	1,503	10% flat 12" oc
Rubbeckia triloba / Browneyed Susan	1,503	10% flat 12" oc
Verbena hastata / Blue Vervain	1,503	10% flat 12" oc

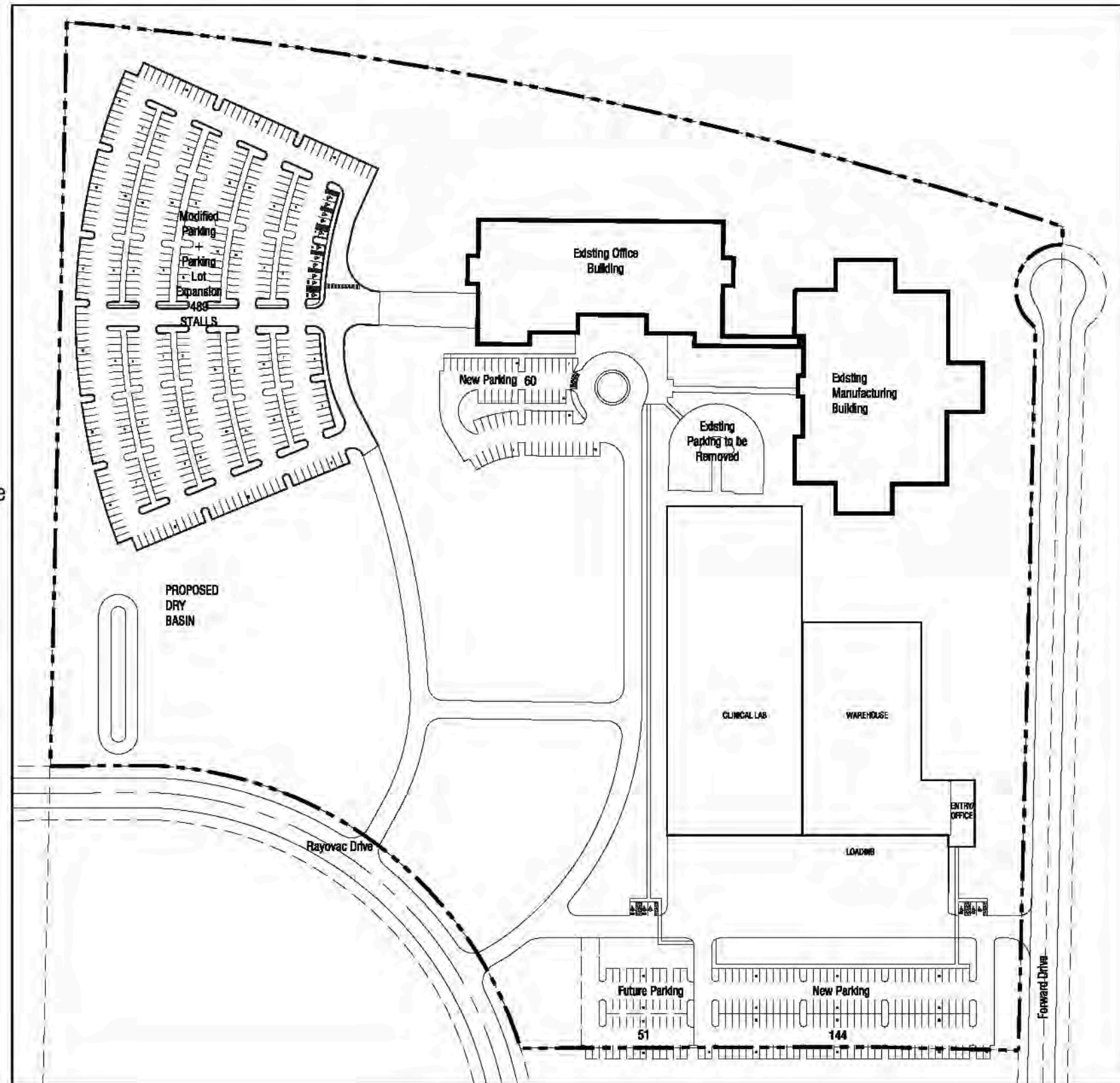
**Landscape Plan**

PARKING LOT EXPANSION AND RECONSTRUCTION  
 601 RAYOVAC DRIVE  
 2017.01.02  
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	EXISTING	PHASE 1
OFFICE	159,000	159,000
AMENITY		
MANUFACTURING	80,000*	
CLINICAL LAB		78,300**
PENTHOUSE/MEZZ.		32,000
WAREHOUSE		50,500
TOTAL AREA:	159,000	287,800

\* Demolished phase two  
 \*\* 18,000 Shell space first phase, built out second phase

PARKING ON SITE	569 Stalls	699 Stalls
Parking by zoning:		
Office (1 per 250 SF)		636 Stalls
Amenity		0
Lab (1 per Emp.)		145 Stalls
Manufacturing (1 per Emp.)		0
Penthouse/Mezz		0
Warehouse (1 per Emp.)		35 Stalls
TOTAL		816 Stalls

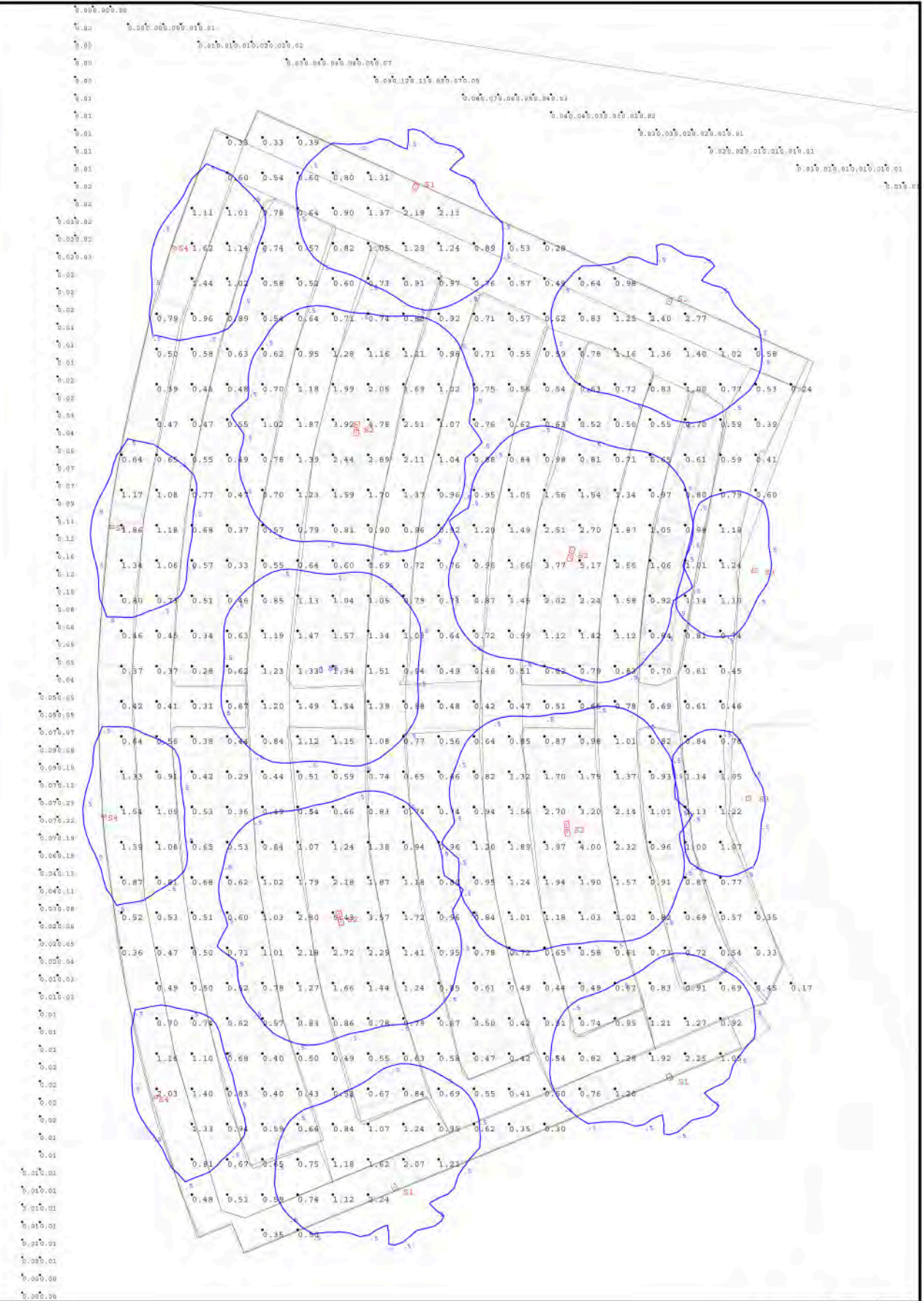


LPD AREA SUMMARY			
LABEL	AREA	TOTAL WATTS LPD	
ENTIRE PARKING LOT	191351	1846	0.010

CALCULATION SUMMARY							
LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	
ENTIRE PARKING LOT	Illuminance	Fc	N.A.	N.A.	N.A.	N.A.	
LOT LINE	Illuminance	Fc	N.A.	0.23	0.00	N.A.	
PARKING STALLS	Illuminance	Fc	1.03	5.430	0.240	4.28	
ROADWAY	Illuminance	Fc	0.95	2.800	0.310	3.06	

LUMINAIRE SCHEDULE						
Symbol	Qty	Tag	Arrangement	LLF	Description	
	1	S5	SINGLE	0.900	DSX1 LED 40C 1000 40K T5M MVOLT	
	4	S4	SINGLE	0.900	DSX1 LED 40C 700 30K T3M MVOLT HS	
	2	S3	SINGLE	0.900	DSX1 LED 30C 530 30K T3S MVOLT HS	
	4	S2	BACK-BACK	0.900	DSX1 LED 60C 700 30K T4M B-B	
	4	S1	SINGLE	0.900	DSX1 LED 60C 700 30K T4M MVOLT	

NOTE: ISOLINES INDICATE 0.5 FC LEVEL FROM FIXTURE.

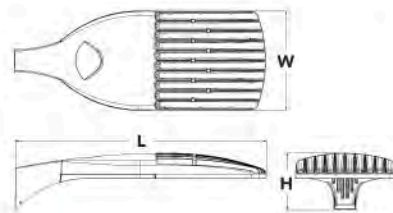






## D-Series Size 1 LED Area Luminaire

**Specifications**  
**EPA:** 1.01 ft<sup>2</sup> (0.09 m<sup>2</sup>)  
**Length:** 33" (84.1 cm)  
**Width:** 13" (33.0 cm)  
**Height:** 7-1/2" (19.0 cm)  
**Weight (max):** 27 lbs (12.2 kg)



**Listing Number:** SEE FIXTURE SCHEDULE

**Notes:** 20' POLE, 3' BASE

**Type:** S1, S2, S3, S4

### Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

### Ordering Information

**EXAMPLE:** DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

DSX1 LED	30C	530	40K	T3M	Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics	530 530 mA	40K 4000 K	T15 Type I short	TSS Type V short	MVOLT <sup>1</sup>	Shipped included				
30C	30 LEDs (two engines)	700 700 mA	40K 4000 K	T25 Type II short	TSM Type V medium	120 <sup>1</sup>	SPA Square pole mounting				
40C	40 LEDs (two engines)	1000 1000 mA	50K 5000 K	T2M Type II medium	TSW Type V wide	208 <sup>1</sup>	RPA Round pole mounting				
60C	60 LEDs (two engines)	1400 1400 mA	AMBPC Amber phosphor converted	T3S Type III short	BLC Backlight control <sup>13</sup>	240 <sup>1</sup>	WBA Wall bracket				
Rotated optics <sup>14</sup>				T3M Type III medium	LCCO Left corner cutoff <sup>15</sup>	277 <sup>1</sup>	SPUMBA Square pole universal mounting adaptor <sup>16</sup>				
60C 60 LEDs (two engines)				T4M Type IV medium	RCCO Right corner cutoff <sup>15</sup>	347 <sup>1</sup>	RPUMBA Round pole universal mounting adaptor <sup>16</sup>				
				TFTM Flathead throw medium	RCCO Right corner cutoff <sup>15</sup>	480 <sup>1</sup>	Shipped separately				
				TSVS Type V very short			KMA8 DDBXD U Most arm mounting bracket adaptor (specify finish) <sup>17</sup>				

### Control options

#### Shipped installed

- PER NEMA twist-lock receptacle only (no controls)<sup>18</sup>
- PER5 Five-wire receptacle only (no controls)<sup>18</sup>
- PER7 Seven-wire receptacle only (no controls)<sup>18</sup>
- DMG 0-10V dimming driver (no controls)<sup>19</sup>
- DCR Dimmable and controllable via ROAM<sup>20</sup> (no controls)<sup>19</sup>
- DS Dual switching<sup>21</sup>
- PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5ft<sup>22</sup>
- PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5ft<sup>22</sup>
- PIRHFC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3ft<sup>22</sup>

#### PIRHFC3V

- BL30 Bi-level switched dimming, 30%<sup>23</sup>
- BL50 Bi-level switched dimming, 50%<sup>23</sup>
- PNMTDD3 Part night, dim till dawn<sup>24</sup>
- PNMTSD3 Part night, dim 5 hrs<sup>24</sup>
- PNMT6D3 Part night, dim 6 hrs<sup>24</sup>
- PNMT7D3 Part night, dim 7 hrs<sup>24</sup>
- FAO Field adjustable output<sup>25</sup>

#### Shipped installed

- HS House-side shield<sup>26</sup>
- WTB Utility bracket block<sup>27</sup>
- SF Single fuse (120, 277, 347)<sup>28</sup>
- DF Double fuse (240, 240, 347)<sup>28</sup>
- L90 Left rotated optics<sup>29</sup>
- R90 Right rotated optics<sup>29</sup>
- BS Bird spikes<sup>30</sup>

### Controls & Shields

- DL12IF 1.5 CU III Photocell - 5ft twist lock (120-277V)<sup>31</sup>
- DL134TF 1.5 CU III Photocell - 5ft twist lock (140V)<sup>31</sup>
- DL148OF 1.5 CU III Photocell - 5ft twist lock (480V)<sup>31</sup>
- DSH01T 58U Shoring cap<sup>32</sup>
- DSY1S 58U House-side shield for 50 LED unit<sup>33</sup>
- DSY1S 80U House-side shield for 40 LED unit<sup>33</sup>
- DSY1S 60U House-side shield for 60 LED unit<sup>33</sup>
- PNMBA 099R3U<sup>34</sup> Square and round pole universal mounting bracket (specify finish)<sup>34</sup>
- KMA8 0080U<sup>35</sup> Most arm mounting bracket adaptor (specify finish)
- DSY1S 5U Bird spikes

### NOTES

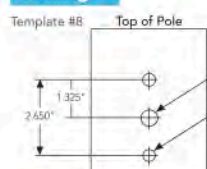
- Rotated optics available with 60C only.
- Not available AMBPC.
- Only available with 530mA or 700mA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (DF control).
- House-side shields are not available for products with 240V or 480V line voltage.
- Existing drilled pole only. Available as a separate combination accessory for retrofit use only. PUMBA (front) U, 1.5 G vibration load rating per ANEC C1 36.31.
- Must order fixture with SFK option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell, ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
- If ROAM<sup>20</sup> needs required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Note with integral dimming.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM<sup>20</sup> enabled luminaire with 0-10V dimming capability. PER option required. Additional hardware and services required for ROAM<sup>20</sup> deployment; must be purchased separately. Call 1-800-442-6745 or email sales@acuitybrands.com. N/A with PIR options, DS, PER5, PER7, BL30, BL50 or PNMT options. Note without integral dimming.
- Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR or PIRH.
- Requires an additional switched circuit.
- PIR and PIRHFC3V specify the 3-wire/5-wire/5-wire/5-wire/5-wire control. PIRH and PIRHFC3V specify the 5-wire/5-wire/5-wire/5-wire/5-wire control. See Accessories information for details. Dimming driver standard. Not available with PER5 or PER7. Ambient sensor disabled when ordered with DCR. Separate on/off required.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7 or PNMT options. Not available with PIRHFC3V or PIRHFC3V.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7, BL30 or BL50. Not available with PIRHFC3V or PIRHFC3V. Separate on/off required.
- Dimming driver standard. Not available with PER5, PER7, DMG, DCR, DS, BL30, BL50 or PNMT, PIR, PIRH, PIRHFC3V or PIRHFC3V.
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- WTB not available with DS.
- Single fuse (SF) requires 120V, 277V or 347V Double fuse (DF) requires 208V, 240V or 480V.
- Available with 60 LEDs (60C option) only.
- Also available as a separate accessory; see accessories information.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- For retrofit use only.



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### Drilling



DSX1 shows a unique drilling pattern with the ARIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DSX1 Pole	Single unit	DSX2 Pole	2 @ 90°
DM19AS	2 at 180°	DM29AS	3 at 180°
DM49AS	4 at 90°	DM32AS	3 at 120°

**Example:** 5ft @ 60 DM19AS 0600

Use a fixture lighting fixture to ensure adequate clearance of poles, accessories, and additional loads.  
 \*Mounting pole must be 3.25" O.D. minimum.  
 \*\*For round pole mounting (RPA) only.

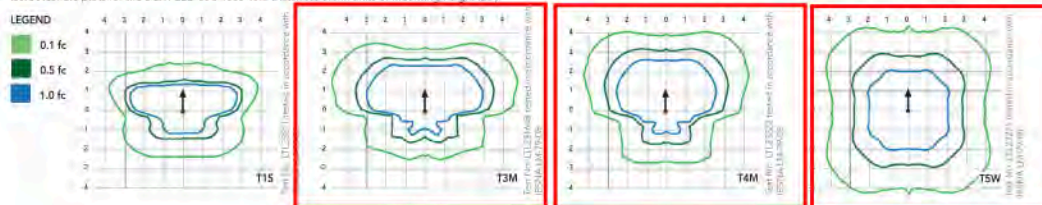
### Tenon Mounting Slipfitter \*\*

Tenon O.D.	Slipfitter	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

### Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area Size 1 homepage.

Isobacandale plots for the DSX1 LED 60C 1000 40K. Distance axis in units of mounting height (20').



S3, S4  
 (House Shield)

S1, S2

S5

### Performance Data

#### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Average Ambient Temp	Relative Lumen Output
0°C / 32°F	1.02
10°C / 50°F	1.01
20°C / 68°F	1.00
25°C / 77°F	1.00
30°C / 86°F	1.00
40°C / 104°F	0.99

#### Electrical Load

Pole Config	Drive Current (mA)	Power (Watt)	Current (A)					
			120	208	240	277	347	480
S3	530	52	0.52	0.30	0.26	0.23	—	—
	700	68	0.68	0.39	0.34	0.30	0.24	0.17
	1000	105	1.03	0.59	0.51	0.45	0.36	0.26
S4	530	68	0.67	0.39	0.34	0.29	0.23	0.17
	700	89	0.89	0.51	0.44	0.38	0.31	0.22
	1000	138	1.35	0.78	0.67	0.58	0.47	0.34
S5	530	99	0.97	0.56	0.48	0.42	0.34	0.24
	700	131	1.29	0.74	0.65	0.56	0.45	0.32
	1000	209	1.98	1.14	0.99	0.86	0.69	0.50

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

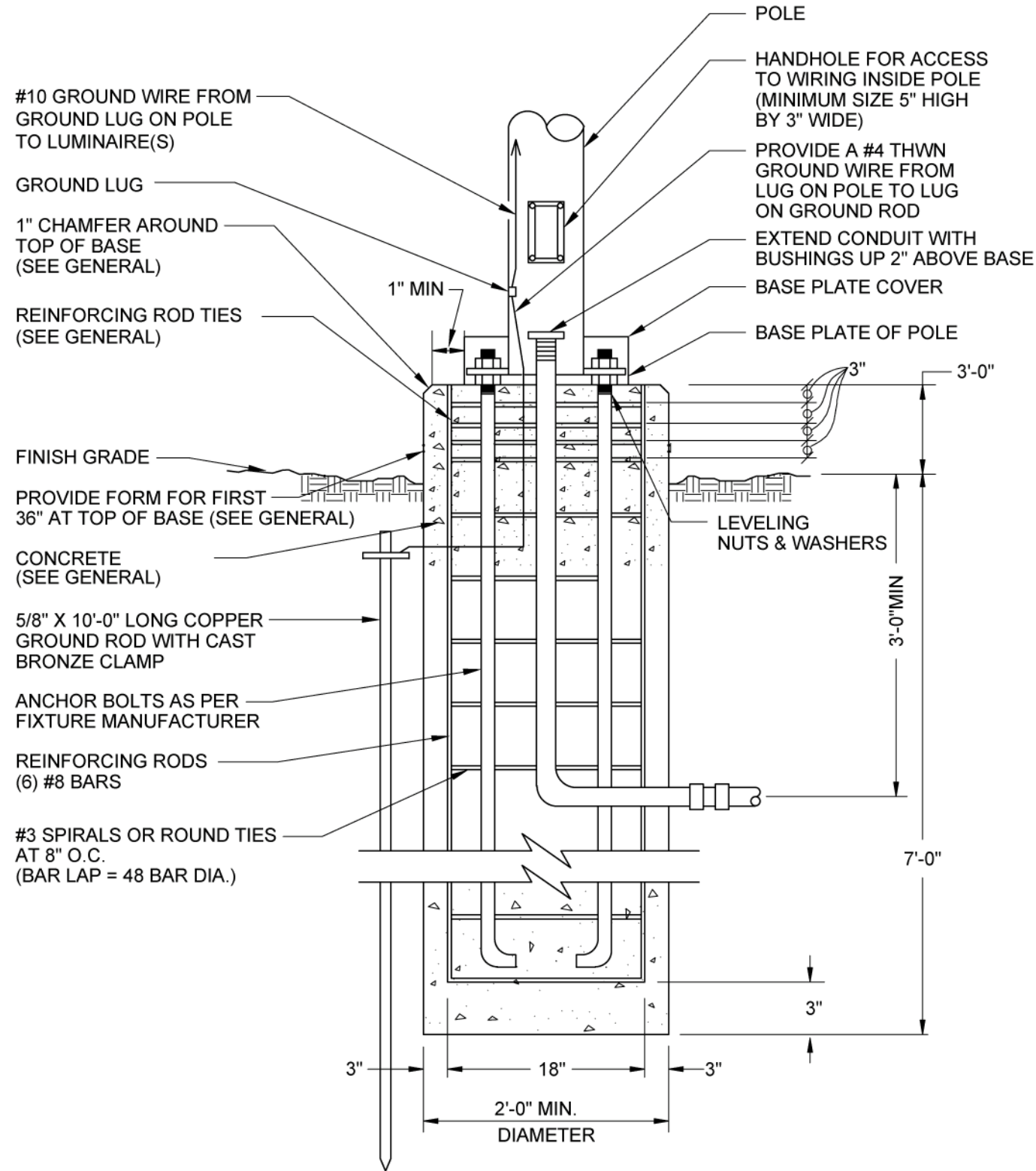
To calculate Lf, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	DSX1 LED 60C 1000		
	0	25,000	50,000
Lithonia Maintenance Factor	1.0	0.98	0.96
	1.0	0.99	0.99



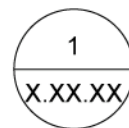
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Pole Base Detail (Typ)

PARKING LOT EXPANSION AND RECONSTRUCTION  
 601 RAYOVAC DRIVE  
 2017.01.02  
 July 18, 2017



**RAISED POLE BASE DETAIL (TYP)**

SCALE: NTS