City of Madison

Proposed Demolition and Conditional Use

Location
7202 Mineral Point Road

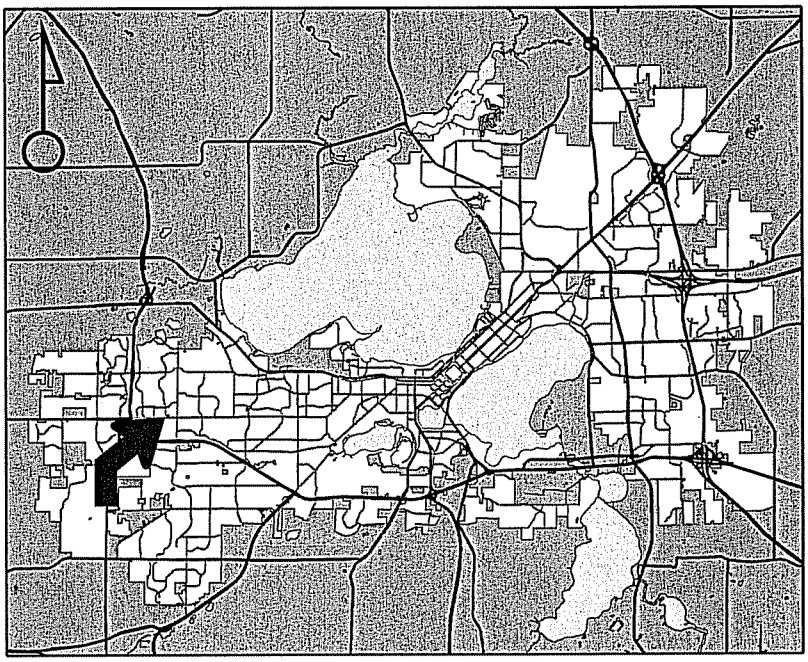
Project Name
Culver's

Applicant
NADD1 LLC/Steve Datka, AIA-
Culver Franchising System, Inc

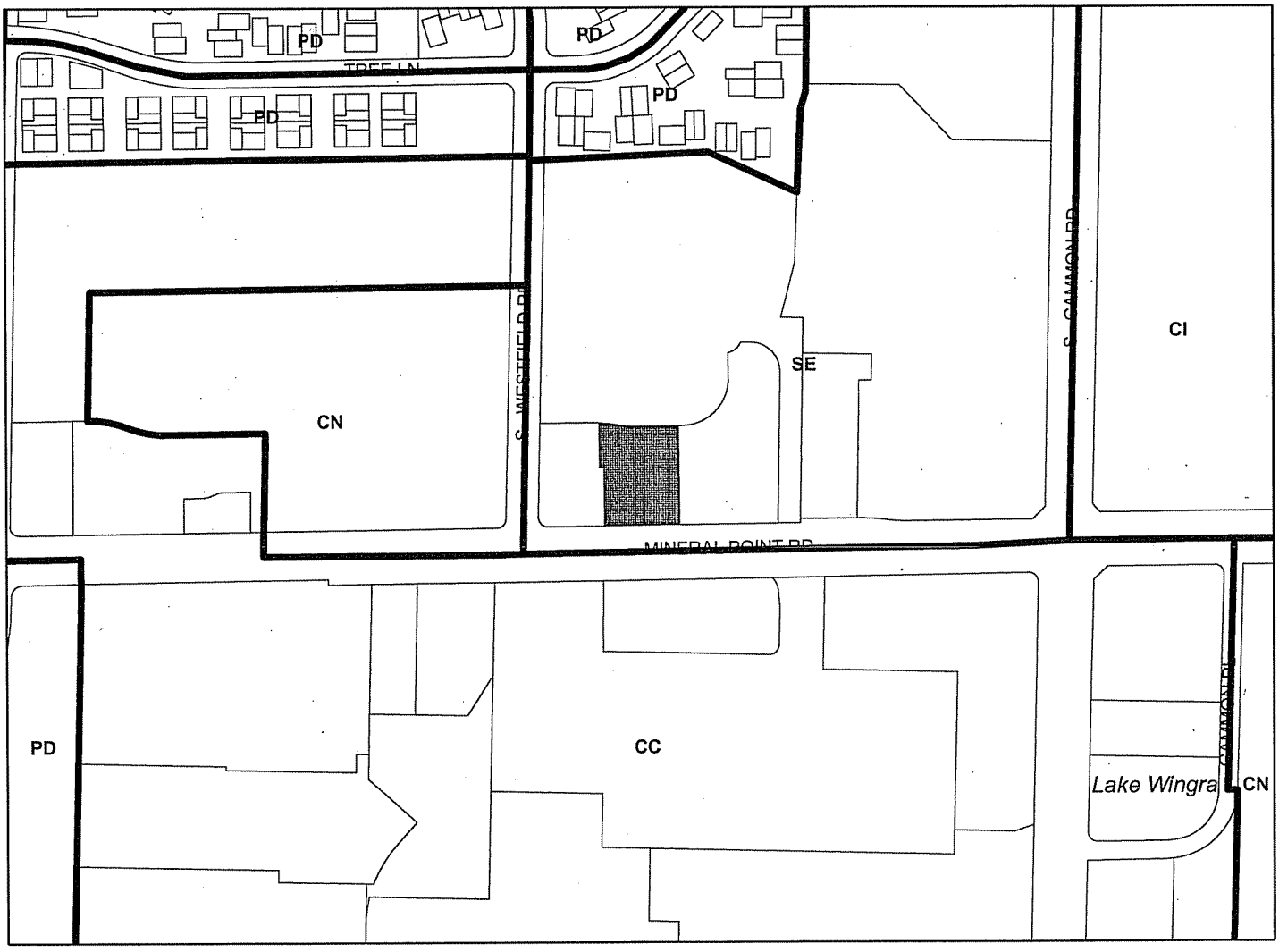
Existing Use
Restaurant

Proposed Use
Demolish restaurant and construct new restaurant with vehicle access sales and service window

Public Hearing Date
Plan Commission
20 April 2015



For Questions Contact: Heather Stouder at: 266-5974 or hstouder@cityofmadison.com or City Planning at 266-4635

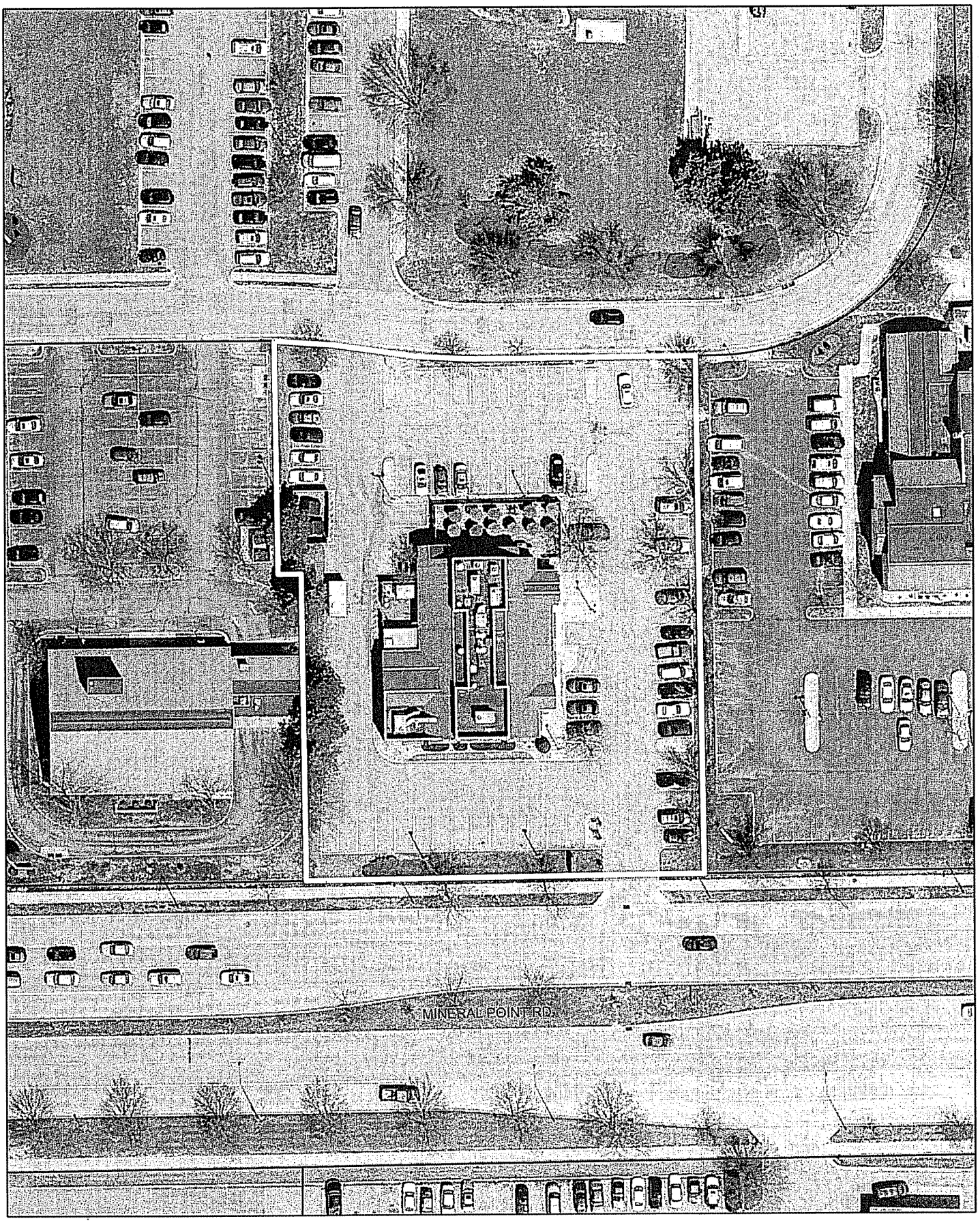


Scale : 1" = 400'

City of Madison, Planning Division : RPJ : Date : 15 April 2015

City of Madison

7202 Mineral Point Road



Date of Aerial Photography : Spring 2013

LAND USE APPLICATION

CITY OF MADISON

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

- All Land Use Applications should be filed with the Zoning Administrator at the above address.
- The following information is required for all applications for Plan Commission review except subdivisions or land divisions, which should be filed using the Subdivision Application.
- This form may also be completed online at: www.cityofmadison.com/developmentcenter/landdevelopment

FOR OFFICE USE ONLY:

Amt. Paid _____ Receipt No. _____

Date Received _____

Received By _____

Parcel No. _____

Aldermanic District _____

Zoning District _____

Special Requirements _____

Review Required By:

☐ Urban Design Commission ☐ Plan Commission

☐ Common Council ☐ Other: _____

Form Effective: February 21, 2013

1. Project Address: 7202 Mineral Point Rd, Madison, WI 53717

Project Title (if any): Culver's

2. This is an application for (Check all that apply to your Land Use Application):

☐ **Zoning Map Amendment from** _____ to _____

☐ **Major Amendment to Approved PD-GDP Zoning** ☐ **Major Amendment to Approved PD-SIP Zoning**

☐ **Review of Alteration to Planned Development (By Plan Commission)**

☐ **Conditional Use, or Major Alteration to an Approved Conditional Use**

☑ **Demolition Permit**

☐ **Other Requests:** _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: Culver Franchising System, Inc **Company:** Culver Franchising System, Inc

Street Address: 1240 Water Street City/State: Prairie du Sac, WI Zip: 53578

Telephone: (608) 643-7980 Fax: (608) 643 7982 Email: _____

Project Contact Person: Steve Datka, AIA **Company:** Culver Franchising System, Inc

Street Address: 1240 Water Street City/State: Prairie du Sac, WI Zip: 53578

Telephone: (608) 644 2141 Fax: (608) 643 7982 Email: stevedatka@culvers.com

Property Owner (if not applicant): NADD1 LLC

Street Address: 2133 Liverty Drive City/State: Cottage Grove, WI Zip: 53527

4. Project Information:

Provide a brief description of the project and all proposed uses of the site: Demolition of an existing building and parking lot

Construction of a new fast casual food restaurant with a drive-thru, parking lot, patio, and associated infrastructure

Development Schedule: Commencement _____ Completion _____

5. Required Submittal Information

All Land Use applications are required to include the following:

☑ **Project Plans** including:*

- Site Plans (fully dimensioned plans depicting project details including all lot lines and property setbacks to buildings; demolished/proposed/altered buildings; parking stalls, driveways, sidewalks, location of existing/proposed signage; HVAC/Utility location and screening details; useable open space; and other physical improvements on a property)
- Grading and Utility Plans (existing and proposed)
- Landscape Plan (including planting schedule depicting species name and planting size)
- Building Elevation Drawings (fully dimensioned drawings for all building sides, labeling primary exterior materials)
- Floor Plans (fully dimensioned plans including interior wall and room location)

Provide collated project plan sets as follows:

- ***Seven (7) copies*** of a full-sized plan set drawn to a scale of 1 inch = 20 feet (folded or rolled and stapled)
- ***Twenty Five (25) copies*** of the plan set reduced to fit onto 11 X 17-inch paper (folded and stapled)
- ***One (1) copy*** of the plan set reduced to fit onto 8 ½ X 11-inch paper

* For projects requiring review by the **Urban Design Commission**, provide ***Fourteen (14) additional 11x17 copies*** of the plan set. In addition to the above information, all plan sets should also include: 1) Colored elevation drawings with shadow lines and a list of exterior building materials/colors; 2) Existing/proposed lighting with photometric plan & fixture cutsheet; and 3) Contextual site plan information including photographs and layout of adjacent buildings and structures. The applicant shall bring samples of exterior building materials and color scheme to the Urban Design Commission meeting.

☑ **Letter of Intent: Provide one (1) Copy per Plan Set** describing this application in detail including, but not limited to:

- Project Team
- Existing Conditions
- Project Schedule
- Proposed Uses (and ft^2 of each)
- Hours of Operation
- Building Square Footage
- Number of Dwelling Units
- Auto and Bike Parking Stalls
- Lot Coverage & Usable Open Space Calculations
- Value of Land
- Estimated Project Cost
- Number of Construction & Full-Time Equivalent Jobs Created
- Public Subsidy Requested

☑ **Filing Fee:** Refer to the Land Use Application Instructions & Fee Schedule. Make checks payable to: *City Treasurer.*

☑ **Electronic Submittal:** All applicants are required to submit copies of all items submitted in hard copy with their application as Adobe Acrobat PDF files on a non-returnable CD to be included with their application materials, or by e-mail to *pcapplications@cityofmadison.com*.

☑ **Additional Information** may be required, depending on application. Refer to the Supplemental Submittal Requirements.

6. Applicant Declarations

☑ **Pre-application Notification:** The Zoning Code requires that the applicant notify the district alder and any nearby neighborhood and business associations **in writing** no later than **30 days prior to FILING this request**. List the alderperson, neighborhood association(s), and business association(s) AND the dates you sent the notices:

Alder Skidmore, 12/30/2014

→ If a waiver has been granted to this requirement, please attach any correspondence to this effect to this form.

☑ **Pre-application Meeting with Staff:** Prior to preparation of this application, the applicant is required to discuss the proposed development and review process with Zoning and Planning Division staff; note staff persons and date.

Planning Staff: Heather Stouder *Date:* 12/30/2014 *Zoning Staff:* Pat Anderson *Date:* 1/15/2015

The applicant attests that this form is accurately completed and all required materials are submitted:

Name of Applicant Culver Franchising System, Inc Relationship to Property: Lessee

Authorizing Signature of Property Owner Deborah J. Groland Date 3/2/15

March 4, 2015

Katherine Cornwell
City of Madison Planning Director
Madison Municipal Building Suite LL-100
215 Martin Luther King, Jr. Blvd
PO Box 2985
Madison, WI 53701-2985

Dear Ms. Cornwell,

The purpose of this letter is to serve as the letter of Intent for a proposed restaurant development located at 7202 Mineral Point Rd, Madison, WI 53717

Project Team

Applicant:
Culver Franchising System, Inc.
1240 Water Street
Prairie du Sac, WI 53578
Contact: Steve Datka, AIA

Civil Engineer:
D'Onofrio Kottke & Associates, Inc.
7530 Westward Way
Madison, WI 53717
Contact: Daniel Day, PE

Architect:
Ollmann Ernest Architects
509 South State Street
Belvidere, IL 61008
Contact: Wendy Martin, AIA

Legal Description

Lot 1, Certified Survey Map No. 4263, recorded in the Office of the Register of Deeds for Dane County, Wisconsin, in Volume 18 of Certified Survey Maps, Pages 116-118, as Document No. 1814862, located in the SE1/4 of the SE1/4 of Section 23, T7N, R8E, City of Madison, Dane County, Wisconsin. Containing 47,374 square feet (1.088 acres).

Together with ingress and egress easement established by Warranty Deed recorded in Volume 12362 of Records, Page 62, as Document No. 2121280 and as referenced on said Certified Survey Map.

Existing Site Conditions

The site is located north of Mineral Point Road. There is an existing restaurant on the site. The existing structure on the site will be removed for the proposed site use as a Culver's Restaurant. Culver's has completed a full analysis of the existing structure and

its components and have found the building to not be conducive for rehabilitation. The existing accesses to the site will be maintained in their current location.

Project Schedule The project is anticipated to begin construction in October of 2015 with a projected opening date in March of 2016.

Proposed Uses
The project will consist of the construction of a single story restaurant with a patio and drive-thru.

Hours of Operation
10:00am-10:00pm, Monday through Sunday

Building Square Footage
The proposed building size is 4,703 SF.

Number of Dwelling Units
There will be no dwelling units as part of this project

Auto and Bike parking Stalls
There will be 51 auto parking stalls and 10 bicycle parking stalls.

Lot Coverage & Usable Open Space Calculations
The proposed building will cover 4,703 square feet, or 1.0% of the site. The proposed parking will cover approximately 27,750 square feet, or 59% of the site. The proposed landscape will cover approximately 10,700 square feet, or 23% of the site.

Value of Land
The value of the land is estimated at $710,000.00.

Estimated Project Cost
The estimated construction cost is $1,400,000.00

Number of Construction & Full Time Equivalent Jobs Created
45 full time and approximately 90 construction jobs will be created as part of the project.

Public Subsidy Requested
None

Sincerely,

Culver Franchising System, Inc.

Steve Datka, AIA

Culver Franchising System, Inc.
1240 Water Street • Prairie du Sac, WI 53578 • Phone 608.643.7980 • Fax 608.643.7982
culvers.com

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The applicant attests that this form is accurately completed and all required materials are submitted:

Name of Applicant Culver Franchising System, Inc Relationship to Property: Lessee

Authorizing Signature of Property Owner Deborah J Roland Date 3/2/15

Steve Datka

From: Skidmore, Paul <district9@cityofmadison.com>
Sent: Thursday, February 26, 2015 11:51 AM
To: Steve Datka
Subject: Re: Proposed Culver's of Madison

Hi Steve,

Thanks for contacting me regarding your planned submittal to the Madison Plan Commission. Regarding your notification to me regarding this project: You have notified me of your intent to proceed in a timely manner, and you need do nothing further. Please consider this email your official notification from me to City staff that this requirement has been me. Please forward this email on to City Staff with your application.

Thank you and good luck. Please let me know if you have any questions or if you would like to discuss your application further.

Paul Skidmore, 9th District Alder
City of Madison, Wisconsin
13 Red Maple Trail
Madison, WI 53717
(608) 829 3425
(608) 335 1529 (C)

From: stevedatka@culvers.com
Sent: Wednesday, February 25, 2015 4:54 PM
To: Paul Skidmore

Paul,

Good afternoon. I hope all is well? We are planning on submitting to the city next week Wednesday (3/4) for a Plan Commission meeting scheduled on 5/4/2015. As I was going through the land use application instructions, it mentions a letter to the Alderperson notifying them of our requests? It also mentions that this letter be sent 30 days prior to submitting?

Does Culver's still need to draft this letter seeing we met with you and the city earlier? Are we still able to submit next week? What about a demolition request? If so, do we need a letter from you waiving the pre-application notification process?

Sorry for the questions but I simple want to do things right so we can move forward.

Thanks for your help.

Steven T. Datka, AIA
Director of Design Services
Culver Franchising System, Inc.
Direct* 608.644.2141

LEGAL DESCRIPTION

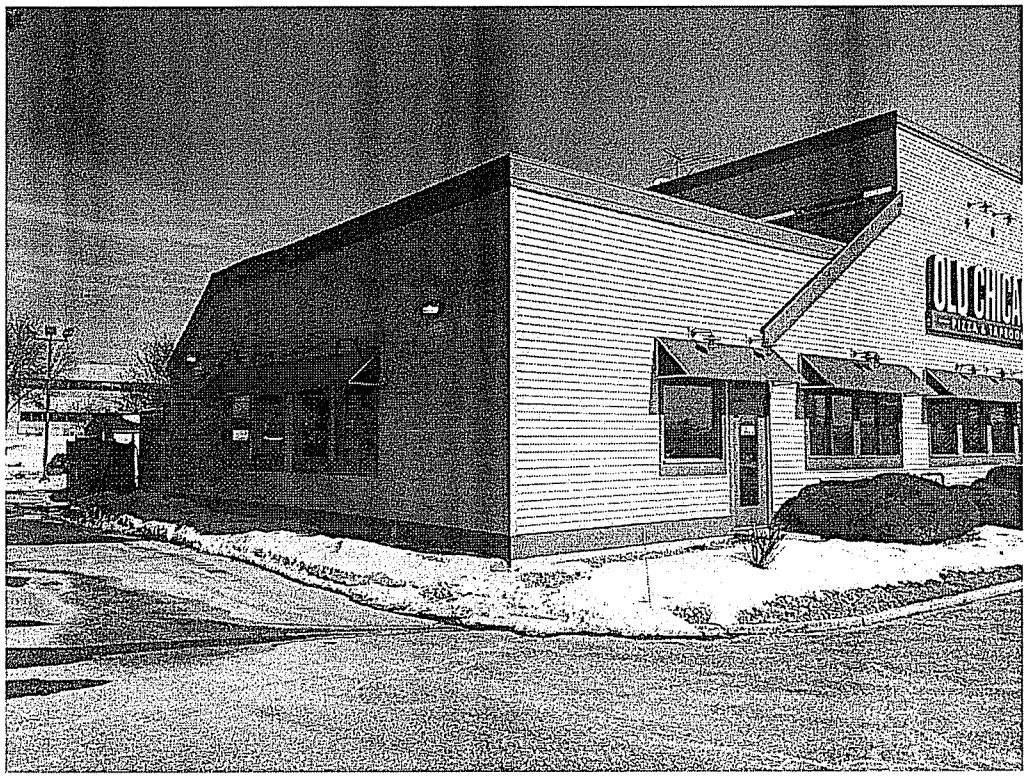
Lot 1, Certified Survey Map No. 4263, recorded in the Office of the Register of Deeds for Dane County, Wisconsin, in Volume 18 of Certified Survey Maps, Pages 116-118, as Document No. 1814862, located in the SE1/4 of the SE1/4 of Section 23, T7N, R8E, City of Madison, Dane County, Wisconsin. Containing 47,374 square feet (1.088 acres).

Together with ingress and egress easement established by Warranty Deed recorded in Volume 12362 of Records, Page 62, as Document No. 2121280 and as referenced on said Certified Survey Map.

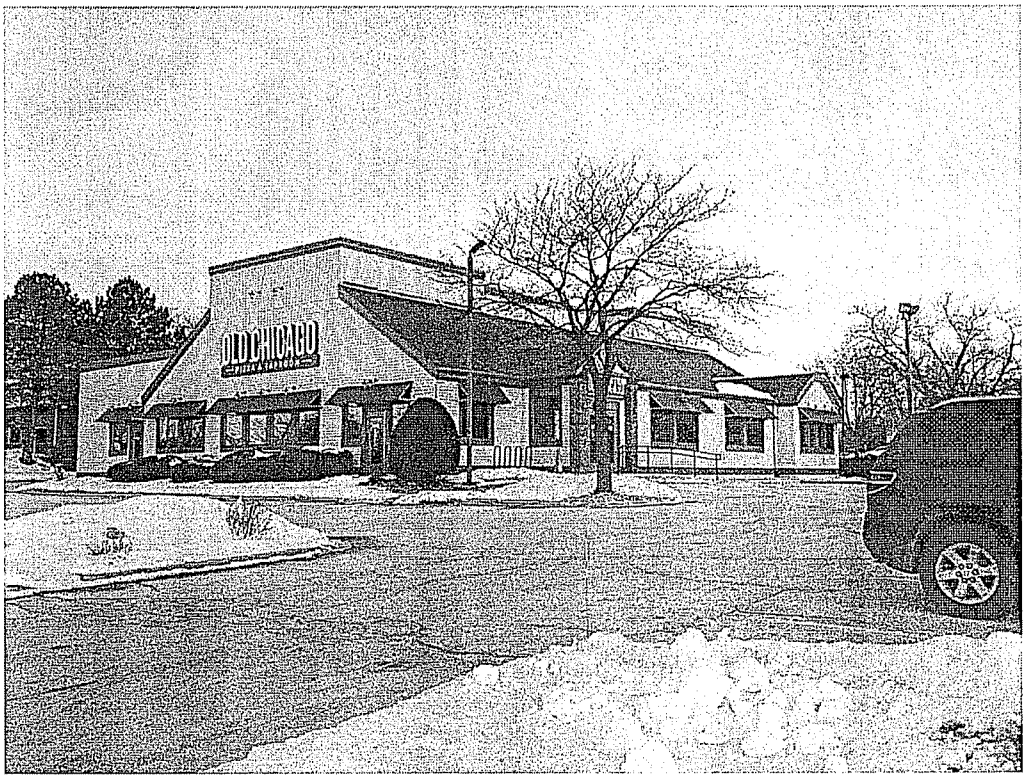
Standing south across Mineral Point Road looking north across site

Standing on the south side of the site looking north

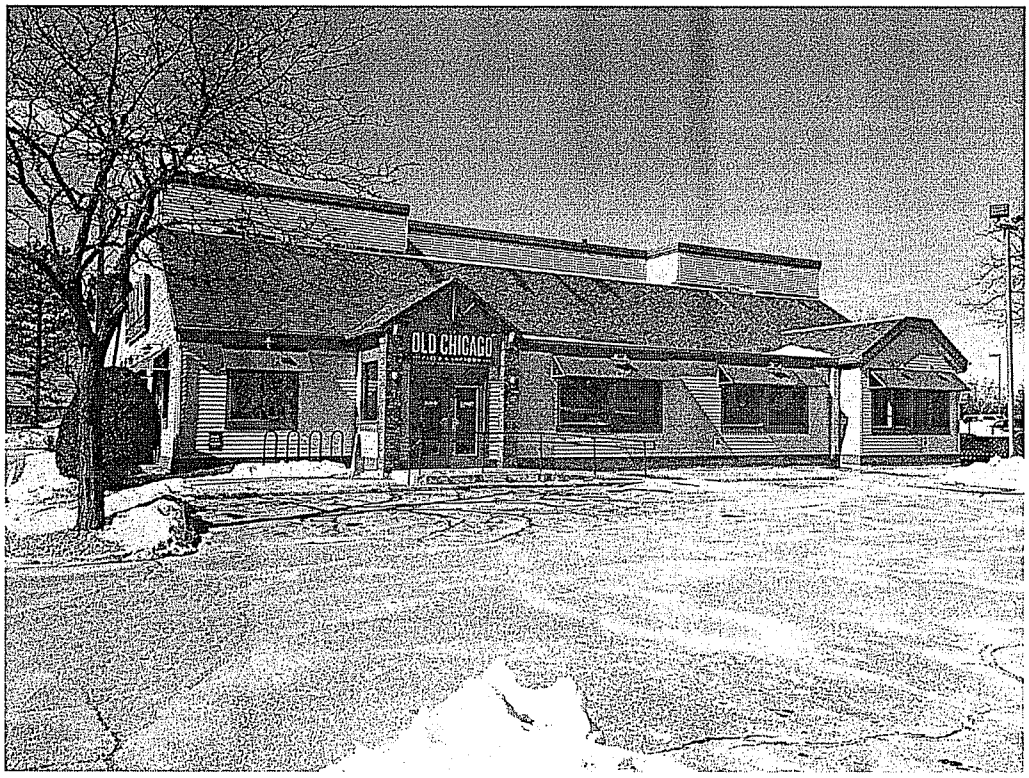
Standing on the southwest side of the site looking northeast



Standing on the southeast corner looing northwest

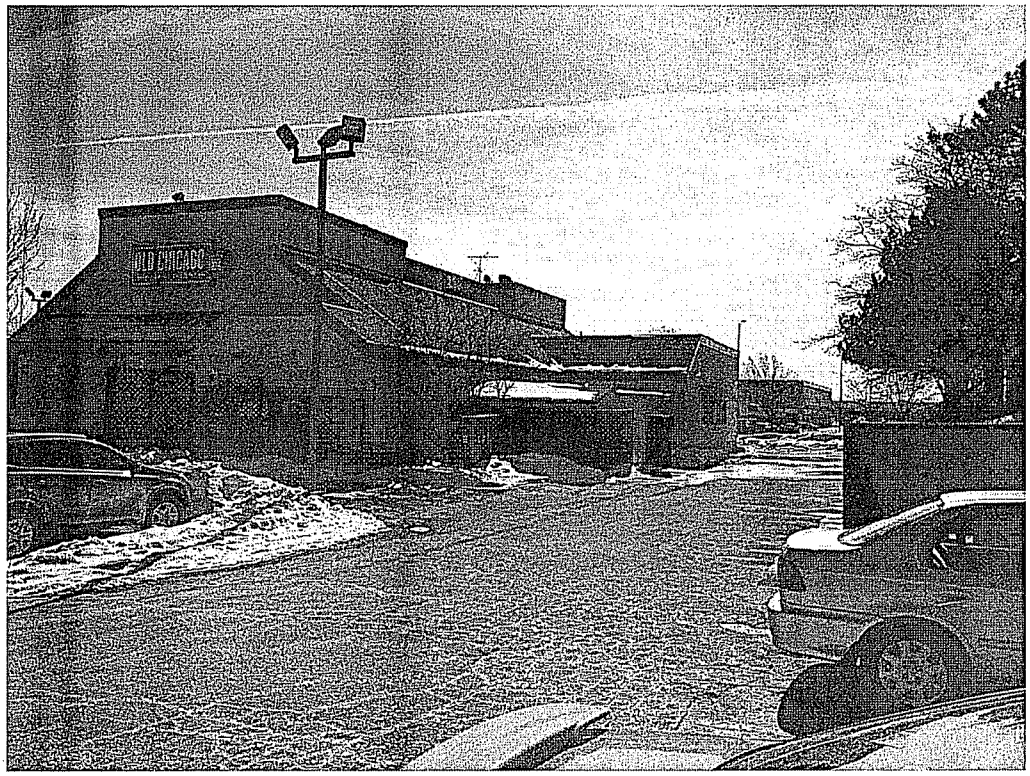


Standing on the east side of the site looking west

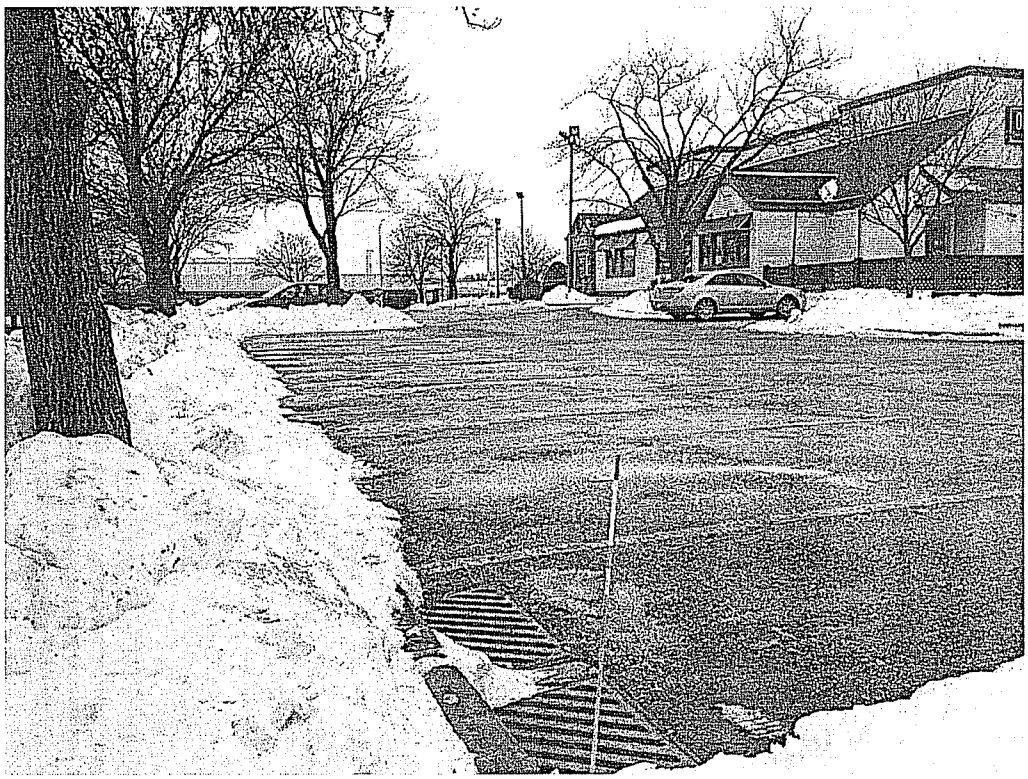


Standing on the north side of the site looking south

Standing on the northwest corner of the site looking southeast

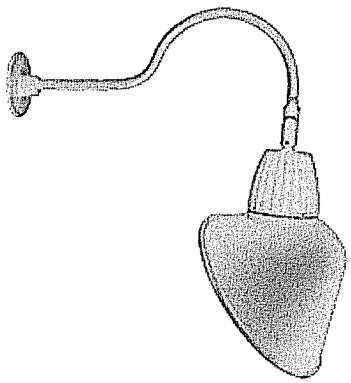


Standing on the northeast corner of the site looking southwest



GN1LED26NACS

RAB LIGHTING



13 & 26 Watt Angled Cone Shade LED Gooseneck Luminaire designed to match the architecture of Main Street storefronts and building perimeters. LED Gooseneck Cone Shade with 24" Goose Arm Style 1.

Color: Silver

Weight: 11.0 lbs

Project:	Type:
Culver's - Madison	M
Prepared By:	**Date:**
Crescent Electric	03-2015

Driver Info		LED Info	
Type:	Constant Current	Watts:	26W
120V:	0.25A	Color Temp:	4000K (Neutral)
208V:	0.16A	Color Accuracy:	84 CRI
240V:	0.14A	L70 Lifespan:	100,000
277V:	0.12A	LM79 Lumens:	1,487
Input Watts:	29W	Efficacy:	51 LPW
Efficiency:	90%		

Technical Specifications

LED Characteristics

Color Accuracy (CRI):

CRI can change due to the fixture color. Please contact the RAB Lighting Design department for more details.

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LED:

Single multi-chip, 26W high-output, long-life LED.

Correlated Color Temp. (Nominal CCT):

4000K

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

Sensor Characteristics

Lead Time:

3 weeks expedited shipping. 6 weeks standard shipping.

Construction

Fixture:

The GN1LED26NACS comes with the GOOSE1S arm.

Thermal Management:

Custom heat sink assembly in thermal contact with die-cast aluminum housing for superior heat sinking.

Housing:

Precision die-cast aluminum housing, lens frame and mounting plate.

Gaskets:

High Temperature Silicone

Mounting:

Heavy-duty mounting arm with "O" ring seal and stainless steel screw.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals. Offers significantly improved gloss retention and resistance to color change.

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 0.48 A, THD≤20%, PF 97.9%.

Surge Protection:

4kv

Other

Shades:

15" Angled Cone Shade offered.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. See our full warranty

Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Custom

Equivalency:

The GNLED26 is equivalent in delivered lumens 120W incandescent, 75W MH or 42W CFL.

California Title 24:

Goosenecks complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts when used with a photosensor control. Select catalog number PCS900(120V) or PCS900/277 to order a photosensor.

GN1LED26NACS

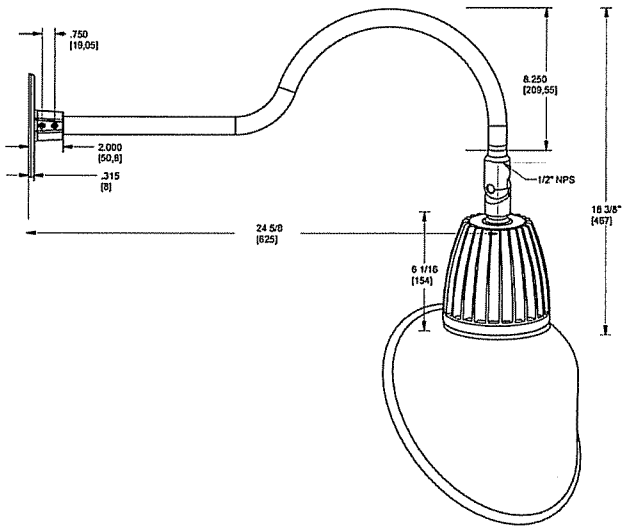
Technical Specifications (continued)

Custom

Patents:

The design of the Gooseneck is protected by patents pending in US, Canada, China and Taiwan.

Dimensions



Features

- Adjustable 45° swivel joint
- Superior heat sink
- Die-cast aluminum housing
- 5 year LED warranty

Ordering Matrix

Watts	Color Temp	Reflector	Shade	ShadeSize	Finish
13 = 13W	**Y** = 3000K	**Blank** = Flood	**AC** = Angled Cone	**11** = 11"	**B** = Black
26 = 26W	**N** = 4000K	**R** = Rectangular		**Blank** = 15"	**W** = White
		S = Spot			**A** = Architectural Bronze
					S = Silver
					G = Hunter Green
					YL = Yellow
					LB = Light Blue
					BL = Royal Blue
					BWN = Brown
					I = Ivory
					R = Red

crescent electric supply company

TO: *Culver Franchising System Inc.*

ATT: Steve Datka

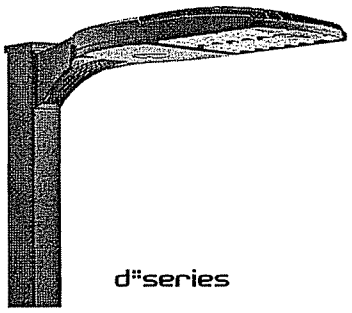
JOB: Culver's - Mineral Point Rd. Madison

FROM Chris Crull
Crescent Electric Supply
1417 Wright St.
Madison, Wis. 53704
Phone 608-241-2882
Fax 608-241-9130
ctc386@cesco.com

WE TRANSMIT		*THE FOLLOWING*			*FOR*
As Requested	xx	Drawings	xx		APPROVAL
Attached		Correspondence			
Via E-Mail	xx	Shop drawings			
Via Hand Delivery					
Via Pick-up		O&M MANUALS			
		COLOR SAMPLE			

COPIES	DATE			DESCRIPTION					
1	3/2/2015			Site lighting fixtures					

NOTES: WRITTEN APPROVAL IS REQUIRED BEFORE ORDER RELEASE.



D-Series Size 1
LED Area Luminaire

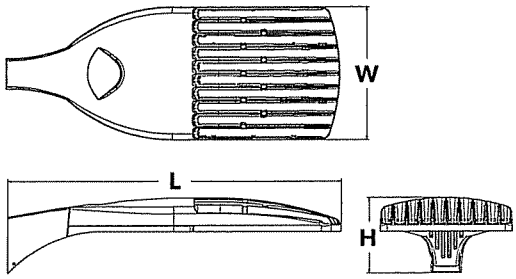
Catalog Number	DSX1 LED 30C 1000 40K T3M MVOLT SPA HS DDBXD NA8C
Notes	Culver's - Crescent Electric Supply Co.
Type	OC

Hit the Tab key or mouse over the page to see all interactive elements.

d-series

Specifications

EPA:	1.2 ft² (0.11 m²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



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 100 – 400W 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

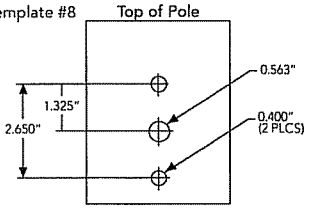
EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

DSX1 LED

Series	LEDs	Drive currents	Color temperature	Distribution	Voltage	Mounting	Controls options	Other options	Finish (required)
DSX1 LED	**Forward optics** 30C 30 LEDs (one engine) 40C 40 LEDs (two engines) 60C 60 LEDs (two engines) **Rotated optics**[1] 60C 60 LEDs (two engines)	530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K (80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K(70 CRI) AMBPC Amber phosphor converted[2]	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[3] 120[3] 208[3] 240[3] 277[3] 347[4] 480[4]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[5] RPUMBA Round pole universal mounting adaptor[5] **Shipped separately**[6] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)	**Shipped installed** PER NEMA twist-lock receptacle only (no controls)[7] DMG 0-10V dimming driver (no controls)[8] DCR Dimmable and controllable via ROAM®[9] (no controls)[9] DS Dual switching[10,11] PIR Motion sensor, 8-15' mounting height[12] PIRH Motion sensor, 15-30' mounting height[12] BL30 Bi-level switched dimming, 30%[11,13] BL50 Bi-level switched dimming, 50%[11,13]	**Shipped installed** HS House-side shield[14] WTB Utility terminal block[15] SF Single fuse (120, 277, 347V)[16] DF Double fuse (208, 240, 480V)[16] L90 Left rotated optics[17] R90 Right rotated optics[17]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Drilling

Template #8 Top of Pole



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

DM19AS	Single unit	DM29AS	2 at 90°*
DM28AS	2 at 180°	DM39AS	3 at 90°*
DM49AS	4 at 90°*	DM32AS	3 at 120°**

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[18]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[18]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[18]
SC U	Shorting cap[18]
DSX1HS 30C U	House-side shield for 30 LED unit
DSX1HS 40C U	House-side shield for 40 LED unit
DSX1HS 60C U	House-side shield for 60 LED unit
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[6]

For more control options, visit DTL and ROAM online.

Tenon Mounting Slipfitter**

Tenon O.D.	Shallow	Extra Deep	Single	Double	Triple	Quad
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

NOTES
1. Rotated optics only available with 60C.
2. AMBPC only available with 530mA or 700mA.
3. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
4. Not available with single board, 530mA product (30C 530, or 60C 530 DS). Not available with DCR, BL30 or BL50.
5. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
6. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
7. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
8. DMG option for 347v or 480v requires 1000mA
9. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with BL30, BL50, DS, PIR or PIRH.
10. 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.
11. Requires an additional switched circuit.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-4-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DS or DCR.
13. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information.
15. WTB not available with DS.
16. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
17. Available with 60 LEDs (60C option) only.
18. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Control.

LITHONIA LIGHTING
One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • www.lithonia.com

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 80 minimum CRI)					40K (4000 K, 70 minimum CRI)					50K (5000 K, 70 CRI)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	700 mA	68 W	T1S	5,290	1	0	1	78	6,524	2	0	2	96	7,053	2	0	2	104
			T2S	5,540	1	0	1	81	6,833	2	0	2	100	7,387	2	0	2	109
			T2M	5,360	1	0	2	79	6,611	2	0	2	97	7,147	2	0	2	105
			T3S	5,479	1	0	1	81	6,757	1	0	2	99	7,305	2	0	2	107
			T3M	5,452	1	0	2	80	6,724	2	0	2	99	7,269	2	0	2	107
			T4M	5,461	1	0	2	80	6,736	2	0	2	99	7,282	2	0	2	107
			TFTM	5,378	1	0	2	79	6,633	1	0	2	98	7,171	1	0	2	105
			T5VS	5,708	2	0	0	84	7,040	3	0	0	104	7,611	3	0	1	112
			T5S	5,639	2	0	0	83	6,955	2	0	0	102	7,519	3	0	0	111
			T5M	5,710	3	0	1	84	7,042	3	0	1	104	7,613	3	0	2	112
			T5W	5,551	3	0	1	82	6,847	3	0	2	101	7,401	3	0	2	109
	1000 mA	105 W	T1S	7,229	2	0	2	69	9,168	2	0	2	87	9,874	2	0	2	94
			T2S	7,572	2	0	2	72	9,603	2	0	2	91	10,342	2	0	2	98
			T2M	7,325	2	0	2	70	9,291	2	0	2	88	10,005	2	0	3	95
			T3S	7,488	2	0	2	71	9,496	2	0	2	90	10,227	2	0	2	97
			T3M	7,451	2	0	2	71	9,450	2	0	2	90	10,177	2	0	2	97
			T4M	7,464	2	0	2	71	9,467	2	0	2	90	10,195	2	0	2	97
			TFTM	7,351	1	0	2	70	9,323	2	0	2	89	10,040	2	0	3	96
			T5VS	7,801	3	0	1	74	9,894	3	0	1	94	10,655	3	0	1	101
			T5S	7,803	3	0	2	74	9,774	3	0	1	93	10,526	3	0	1	100
			T5M	7,707	3	0	0	73	9,897	3	0	2	94	10,658	4	0	2	102
			T5W	7,586	3	0	2	72	9,621	4	0	2	92	10,363	4	0	2	99
40C (40 LEDs)	700 mA	89 W	T1S	6,876	2	0	2	77	8,639	2	0	2	97	9,345	2	0	2	105
			T2S	7,202	2	0	2	81	9,049	2	0	2	102	9,788	2	0	2	110
			T2M	6,968	2	0	2	78	8,755	2	0	2	98	9,469	2	0	3	106
			T3S	7,122	2	0	2	80	8,948	2	0	2	101	9,679	2	0	2	109
			T3M	7,088	2	0	2	80	8,905	2	0	2	100	9,632	2	0	2	108
			T4M	7,100	2	0	2	80	8,920	2	0	2	100	9,649	2	0	2	108
			TFTM	6,992	1	0	2	79	8,785	2	0	2	99	9,502	2	0	2	107
			T5VS	7,421	3	0	0	83	9,323	3	0	1	105	10,085	3	0	1	113
			T5S	7,331	2	0	0	82	9,210	3	0	1	103	9,962	3	0	1	112
			T5M	7,423	3	0	2	83	9,326	3	0	2	105	10,087	4	0	2	113
			T5W	7,216	3	0	2	81	9,066	4	0	2	102	9,807	4	0	2	110
	1000 mA	138 W	T1S	9,521	2	0	2	69	11,970	2	0	2	87	12,871	3	3	0	93
			T2S	9,972	2	0	2	72	12,558	3	0	3	91	13,481	3	0	3	98
			T2M	9,648	2	0	3	70	12,149	3	0	3	88	13,043	3	0	3	95
			T3S	9,862	2	0	2	71	12,418	2	0	2	90	13,331	2	0	2	97
			T3M	9,814	2	0	2	71	12,358	3	0	3	90	13,267	3	0	3	96
			T4M	9,831	2	0	2	71	12,379	2	0	3	90	13,290	2	0	3	96
			TFTM	9,681	2	0	2	70	12,191	2	0	3	88	13,087	2	0	3	95
			T5VS	10,275	3	0	1	74	12,937	3	0	1	94	13,890	4	0	1	101
			T5S	10,150	3	0	1	74	12,782	3	0	1	93	13,721	3	0	1	99
			T5M	10,278	4	0	2	74	12,942	4	0	2	94	13,894	4	0	2	101
			T5W	9,991	4	0	2	72	12,582	4	0	2	91	13,507	4	0	2	98
60C (60 LEDs)	700 mA	131 W	T1S	10,226	2	0	2	78	12,871	3	0	3	98	13,929	3	0	3	106
			T2S	10,711	2	0	2	82	13,481	3	0	3	103	14,589	3	0	3	111
			T2M	10,363	2	0	3	79	13,043	3	0	3	100	14,115	3	0	3	108
			T3S	10,592	2	0	2	81	13,331	2	0	2	102	14,427	3	0	3	110
			T3M	10,541	2	0	2	80	13,267	3	0	3	101	14,357	3	0	3	110
			T4M	10,559	2	0	2	81	13,290	2	0	3	101	14,382	3	0	3	110
			TFTM	10,398	2	0	3	79	13,087	2	0	3	100	14,163	2	0	3	108
			T5VS	11,036	3	0	1	84	13,890	4	0	4	106	15,032	4	0	1	115
			T5S	10,902	3	0	1	83	13,721	3	0	1	105	14,849	4	0	1	113
			T5M	11,039	4	0	2	84	13,894	4	0	2	106	15,036	4	0	2	115
			T5W	10,732	4	0	2	82	13,507	4	0	2	103	14,617	4	0	2	112
	1000 mA	209 W	T1S	14,017	3	0	3	67	17,632	3	0	3	84	19,007	3	0	3	91
			T2S	14,681	3	0	3	70	18,467	3	0	3	88	19,908	3	0	3	95
			T2M	14,204	3	0	3	68	17,867	3	0	3	85	19,260	3	0	3	92
			T3S	14,518	3	0	3	69	18,262	3	0	3	87	19,687	3	0	3	94
			T3M	14,448	3	0	3	69	18,173	3	0	4	87	19,591	3	0	4	94
			T4M	14,473	3	0	3	69	18,205	3	0	3	87	19,625	3	0	4	94
			TFTM	14,253	2	0	3	68	17,928	3	0	4	86	19,326	3	0	4	92
			T5VS	15,127	4	0	1	72	19,028	4	0	1	91	20,512	4	0	1	98
			T5S	14,943	4	0	1	71	18,797	4	0	1	90	20,263	4	0	1	97
			T5M	15,131	4	0	2	72	19,033	4	0	2	91	20,517	5	0	3	98
			T5W	14,710	4	0	2	70	18,503	5	0	3	89	19,946	5	0	3	95

Note: Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.

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).

Ambient		Lumen Multiplier
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

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
30	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
40	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
60	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).

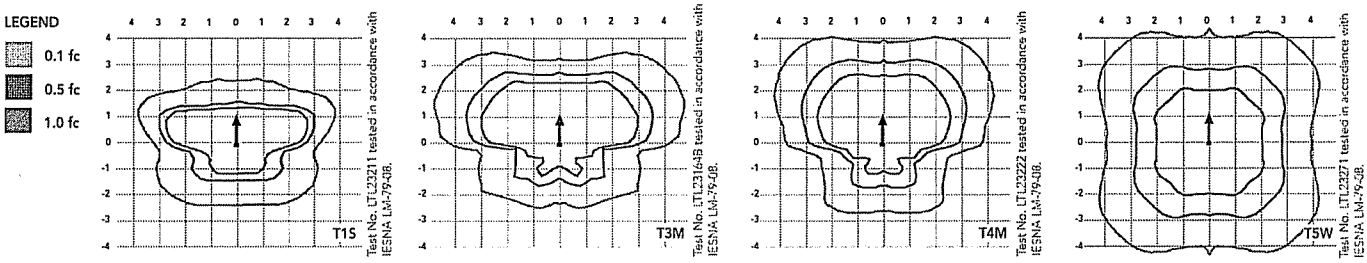
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX1 LED 60C 1000			
	1.0	0.95	0.93	0.88
	DSX1 LED 60C 700			
	1.0	0.99	0.98	0.96

Photometric Diagrams

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

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION
Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.2 ft²) for optimized pole wind loading.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS
Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine configurations consist of 30, 40 or 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION
Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LITHONIA LIGHTING®

Catalog Number	SSS 20 5C DM19AS L/AB DDBXD
Notes	Culver's - Crescent Electric Supply Co.
Type	OC

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

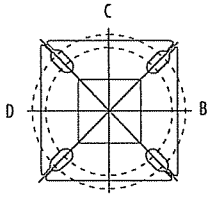
Example: SSS 20 5C DM19 DDB

Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting[1]				Options		Finish[10]	
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting		AERIS™ Suspend drill mounting[2,3]		Shipped installed		Standard colors	
			PT	Open top (includes top cap)	DM19AST_	1 at 90°	L/AB	Less anchor bolts	DDB	Dark bronze
			T20	2-3/8" O.D. (2" NPS)	DM28AST_	2 at 180°	VD	Vibration damper	DWH	White
			T25	2-7/8" O.D. (2-1/2" NPS)	DM29AST_	2 at 90°	TP	Tamper proof	DBL	Black
			T30	3-1/2" O.D. (3" NPS)	DM39AST_	3 at 90°	H1-18Sxx	Horizontal arm bracket (1 fixture)[4,5]	DMB	Medium bronze
			T35	4" O.D. (3-1/2" NPS)	DM49AST_	4 at 90°	FDLxx	Festoon outlet less electrical[4]	DNA	Natural aluminum
			Drill mounting[2]		OMERO™ Suspend drill mounting[2,3]		CPL12xx	1/2" coupling[4]	Classic colors	
			DM19	1 at 90°	DM19MRT_	1 at 90°	CPL34xx	3/4" coupling[4]	DSS	Sandstone
			DM28	2 at 180°	DM28MRT_	2 at 180°	CPL1xx	1" coupling[4]	DGC	Charcoal gray
			DM28 PL	2 at 180° with one side plugged	DM29MRT_	2 at 90°	NPL12xx	1/2" threaded nipple[4]	DTG	Tennis green
			DM29	2 at 90°	DM39MRT_	3 at 90°	NPL34xx	3/4" threaded nipple[4]	DBR	Bright red
			DM39	3 at 90°	DM49MRT_	4 at 90°	NPL1xx	1" threaded nipple[4]	DSB	Steel blue
			DM49	4 at 90°			EHHxx	Extra handhole[4,6]	Architectural colors (powder finish)[10]	
			CSX/DSX/AERIS™/OMERO™ Drill mounting[2]				MAEX	Match existiing[7]		
			DM19AS	1 at 90°			USPOM	United States point of manufacture[8]		
			DM28AS	2 at 180°			IC	Interior coating[9]		
			DM29AS	2 at 90°						
			DM39AS	3 at 90°						
			DM49AS	4 at 90°						

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

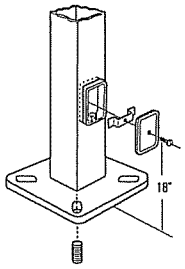
IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

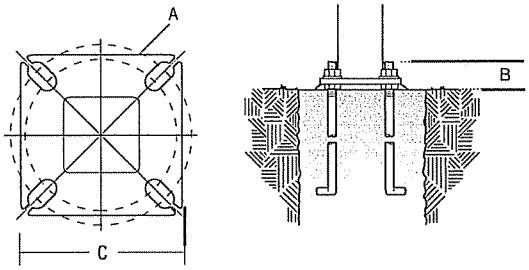
SSS Square Straight Steel Poles

TECHNICAL INFORMATION													
					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"--4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"--4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"--12"	3-3/8"--4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"--13"	3-3/8"--4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A

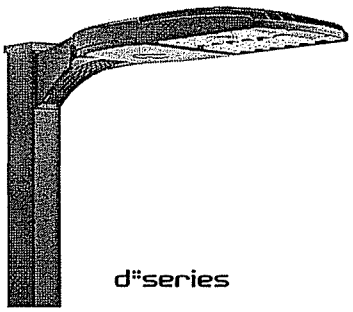


IMPORTANT:

- These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-279-8041 Fax: 770-981-1209 www.lithonia.com

Rev. 08/08/12



D-Series Size 1
LED Area Luminaire

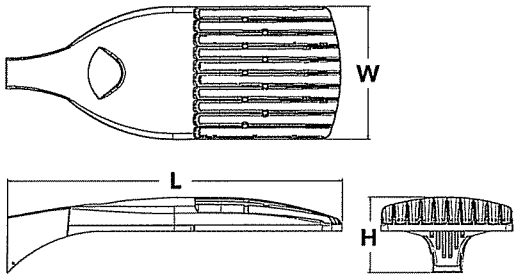
Catalog Number	DSX1 LED 30C 1000 40K T4M MVOLT SPA HS DDBXD NA8C
Notes	Culver's - Crescent Electric Supply Co.
Type	OH

Hit the Tab key or mouse over the page to see all interactive elements.

d-series

Specifications

EPA:	1.2 ft² (0.11 m²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



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 100 – 400W 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

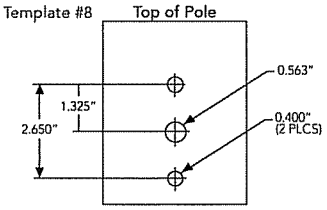
EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

DSX1 LED

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish
DSX1 LED	**Forward optics** 30C 30 LEDs (one engine) 40C 40 LEDs (two engines) 60C 60 LEDs (two engines) **Rotated optics** [1] 60C 60 LEDs (two engines)	530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K (80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K(70 CRI) AMBPC Amber phosphor converted [2]	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide	MVOLT [3] 120 [3] 208 [3] 240 [3] 277 [3] 347 [4] 480 [4]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor [5] RPUMBA Round pole universal mounting adaptor [5] **Shipped separately** [6] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)	**Shipped installed** PER NEMA twist-lock receptacle only (no controls) [7] DMG 0-10V dimming driver (no controls) [8] DCR Dimmable and controllable via ROAM® (no controls) [9] DS Dual switching [10,11] PIR Motion sensor, 8-15' mounting height [12] PIRH Motion sensor, 15-30' mounting height [12] BL30 Bi-level switched dimming, 30% [11,13] BL50 Bi-level switched dimming, 50% [11,13]	**Shipped installed** HS House-side shield [14] WTB Utility terminal block [15] SF Single fuse (120, 277, 347V) [16] DF Double fuse (208, 240, 480V) [16] L90 Left rotated optics [17] R90 Right rotated optics [17]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Drilling

Template #8 Top of Pole



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

DM19AS	Single unit	DM29AS	2 at 90° *
DM28AS	2 at 180°	DM39AS	3 at 90° *
DM49AS	4 at 90° *	DM32AS	3 at 120° **

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [18]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [18]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [18]
SC U	Shorting cap [18]
DSX1HS 30C U	House-side shield for 30 LED unit
DSX1HS 40C U	House-side shield for 40 LED unit
DSX1HS 60C U	House-side shield for 60 LED unit
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) [6]

For more control options, visit DTL and ROAM online.

Tenon Mounting Slipfitter **

Tenon O.D.	3.5" Ht.	5" Ht.	7" Ht.	9" Ht.	11" Ht.	13" Ht.
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

NOTES

1. Rotated optics only available with 60C.
2. AMBPC only available with 530mA or 700mA.
3. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
4. Not available with single board, 530mA product (30C 530, or 60C 530 DS). Not available with DCR, BL30 or BL50.
5. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
6. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
7. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
8. DMG option for 347v or 480v requires 1000mA
9. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with BL30, BL50, DS, PIR or PIRH.
10. 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.
11. Requires an additional switched circuit.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-4-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DS or DCR.
13. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information.
15. WTB not available with DS.
16. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
17. Available with 60 LEDs (60C option) only.
18. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Control.

LITHONIA LIGHTING
One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • www.lithonia.com

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Optic Type	30K (3000K, 70 minimum CRI)					40K (4000K, 70 minimum CRI)					50K (5000K, 70 CRI)				
				Lumens	BUG			LPW	Lumens	BUG			LPW	Lumens	BUG			LPW
30C (30 LEDs)	700 mA	68 W	T1S	5,290	1	0	1	78	6,524	2	0	2	96	7,053	2	0	2	104
			T2S	5,540	1	0	1	81	6,833	2	0	2	100	7,387	2	0	2	109
			T2M	5,360	1	0	2	79	6,611	2	0	2	97	7,147	2	0	2	105
			T3S	5,479	1	0	1	81	6,757	1	0	2	99	7,305	2	0	2	107
			T3M	5,452	1	0	2	80	6,724	2	0	2	99	7,269	2	0	2	107
			T4M	5,461	1	0	2	80	6,736	2	0	2	99	7,282	2	0	2	107
			TFTM	5,378	1	0	2	79	6,633	1	0	2	98	7,171	1	0	2	105
			T5VS	5,708	2	0	0	84	7,040	3	0	0	104	7,611	3	0	1	112
			T5S	5,639	2	0	0	83	6,955	2	0	0	102	7,519	3	0	0	111
			T5M	5,710	3	0	1	84	7,042	3	0	1	104	7,613	3	0	2	112
			T5W	5,551	3	0	1	82	6,847	3	0	2	101	7,401	3	0	2	109
	1000 mA	105 W	T1S	7,229	2	0	2	69	9,168	2	0	2	87	9,874	2	0	2	94
			T2S	7,572	2	0	2	72	9,603	2	0	2	91	10,342	2	0	2	98
			T2M	7,325	2	0	2	70	9,291	2	0	2	88	10,005	2	0	3	95
			T3S	7,488	2	0	2	71	9,496	2	0	2	90	10,227	2	0	2	97
			T3M	7,451	2	0	2	71	9,450	2	0	2	90	10,177	2	0	2	97
			T4M	7,464	2	0	2	71	9,467	2	0	2	90	10,195	2	0	2	97
			TFTM	7,351	1	0	2	70	9,323	2	0	2	89	10,040	2	0	3	96
			T5VS	7,801	3	0	1	74	9,894	3	0	1	94	10,655	3	0	1	101
			T5S	7,803	3	0	2	74	9,774	3	0	1	93	10,526	3	0	1	100
			T5M	7,707	3	0	0	73	9,897	3	0	2	94	10,658	4	0	2	102
			T5W	7,586	3	0	2	72	9,621	4	0	2	92	10,363	4	0	2	99
40C (40 LEDs)	700 mA	89 W	T1S	6,876	2	0	2	77	8,639	2	0	2	97	9,345	2	0	2	105
			T2S	7,202	2	0	2	81	9,049	2	0	2	102	9,788	2	0	2	110
			T2M	6,968	2	0	2	78	8,755	2	0	2	98	9,469	2	0	3	106
			T3S	7,122	2	0	2	80	8,948	2	0	2	101	9,679	2	0	2	109
			T3M	7,088	2	0	2	80	8,905	2	0	2	100	9,632	2	0	2	108
			T4M	7,100	2	0	2	80	8,920	2	0	2	100	9,649	2	0	2	108
			TFTM	6,992	1	0	2	79	8,785	2	0	2	99	9,502	2	0	2	107
			T5VS	7,421	3	0	0	83	9,323	3	0	1	105	10,085	3	0	1	113
			T5S	7,331	2	0	0	82	9,210	3	0	1	103	9,962	3	0	1	112
			T5M	7,423	3	0	2	83	9,326	3	0	2	105	10,087	4	0	2	113
			T5W	7,216	3	0	2	81	9,066	4	0	2	102	9,807	4	0	2	110
	1000 mA	138 W	T1S	9,521	2	0	2	69	11,970	2	0	2	87	12,871	3	3	0	93
			T2S	9,972	2	0	2	72	12,558	3	0	3	91	13,481	3	0	3	98
			T2M	9,648	2	0	3	70	12,149	3	0	3	88	13,043	3	0	3	95
			T3S	9,862	2	0	2	71	12,418	2	0	2	90	13,331	2	0	2	97
			T3M	9,814	2	0	2	71	12,358	3	0	3	90	13,267	3	0	3	96
			T4M	9,831	2	0	2	71	12,379	2	0	3	90	13,290	2	0	3	96
			TFTM	9,681	2	0	2	70	12,191	2	0	3	88	13,087	2	0	3	95
			T5VS	10,275	3	0	1	74	12,937	3	0	1	94	13,890	4	0	1	101
			T5S	10,150	3	0	1	74	12,782	3	0	1	93	13,721	3	0	1	99
			T5M	10,278	4	0	2	74	12,942	4	0	2	94	13,894	4	0	2	101
			T5W	9,991	4	0	2	72	12,582	4	0	2	91	13,507	4	0	2	98
60C (60 LEDs)	700 mA	131 W	T1S	10,226	2	0	2	78	12,871	3	0	3	98	13,929	3	0	3	106
			T2S	10,711	2	0	2	82	13,481	3	0	3	103	14,589	3	0	3	111
			T2M	10,363	2	0	3	79	13,043	3	0	3	100	14,115	3	0	3	108
			T3S	10,592	2	0	2	81	13,331	2	0	2	102	14,427	3	0	3	110
			T3M	10,541	2	0	2	80	13,267	3	0	3	101	14,357	3	0	3	110
			T4M	10,559	2	0	2	81	13,290	2	0	3	101	14,382	3	0	3	110
			TFTM	10,398	2	0	3	79	13,087	2	0	3	100	14,163	2	0	3	108
			T5VS	11,036	3	0	1	84	13,890	4	0	4	106	15,032	4	0	1	115
			T5S	10,902	3	0	1	83	13,721	3	0	1	105	14,849	4	0	1	113
			T5M	11,039	4	0	2	84	13,894	4	0	2	106	15,036	4	0	2	115
			T5W	10,732	4	0	2	82	13,507	4	0	2	103	14,617	4	0	2	112
	1000 mA	209 W	T1S	14,017	3	0	3	67	17,632	3	0	3	84	19,007	3	0	3	91
			T2S	14,681	3	0	3	70	18,467	3	0	3	88	19,908	3	0	3	95
			T2M	14,204	3	0	3	68	17,867	3	0	3	85	19,260	3	0	3	92
			T3S	14,518	3	0	3	69	18,262	3	0	3	87	19,687	3	0	3	94
			T3M	14,448	3	0	3	69	18,173	3	0	4	87	19,591	3	0	4	94
			T4M	14,473	3	0	3	69	18,205	3	0	3	87	19,625	3	0	4	94
			TFTM	14,253	2	0	3	68	17,928	3	0	4	86	19,326	3	0	4	92
			T5VS	15,127	4	0	1	72	19,028	4	0	1	91	20,512	4	0	1	98
			T5S	14,943	4	0	1	71	18,797	4	0	1	90	20,263	4	0	1	97
			T5M	15,131	4	0	2	72	19,033	4	0	2	91	20,517	5	0	3	98
			T5W	14,710	4	0	2	70	18,503	5	0	3	89	19,946	5	0	3	95

Note: Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.

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).

Ambient		Lumen Multiplier
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

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
30	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
40	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
60	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).

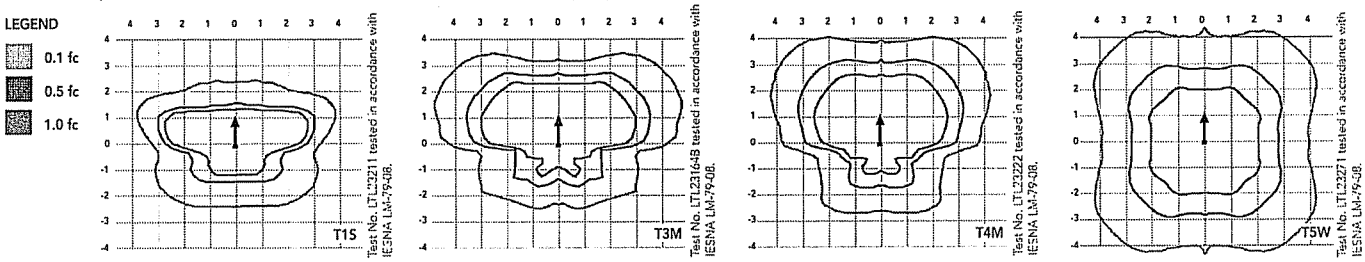
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX1 LED 60C 1000			
	1.0	0.95	0.93	0.88
	DSX1 LED 60C 700			
	1.0	0.99	0.98	0.96

Photometric Diagrams

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

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION
Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.2 ft²) for optimized pole wind loading.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS
Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine configurations consist of 30, 40 or 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION
Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LITHONIA LIGHTING®

Catalog Number	SSS 20 5C DM28AS L/AB DDBXD
Notes	Culver's - Crescent Electric Supply Co.
Type	OH

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: SSS 20 5C DM19 DDB

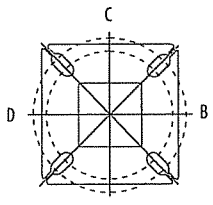
SSS

Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting[1]				Options		Finish[10]	
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting		AERIS™ Suspend drill mounting[2,3]		Shipped installed		Standard colors	
			PT	Open top (includes top cap)	DM19AST_	1 at 90°	L/AB	Less anchor bolts	DDB	Dark bronze
			T20	2-3/8" O.D. (2" NPS)	DM28AST_	2 at 180°	VD	Vibration damper	DWH	White
			T25	2-7/8" O.D. (2-1/2" NPS)	DM29AST_	2 at 90°	TP	Tamper proof	DBL	Black
			T30	3-1/2" O.D. (3" NPS)	DM39AST_	3 at 90°	H1-18Sxx	Horizontal arm bracket (1 fixture)[4,5]	DMB	Medium bronze
			T35	4" O.D. (3-1/2" NPS)	DM49AST_	4 at 90°	FDLxx	Festoon outlet less electrical[4]	DNA	Natural aluminum
			Drill mounting[2]		OMERO™ Suspend drill mounting[2,3]		CPL12xx	1/2" coupling[4]	Classic colors	
			DM19	1 at 90°	DM19MRT_	1 at 90°	CPL34xx	3/4" coupling[4]	DSS	Sandstone
			DM28	2 at 180°	DM28MRT_	2 at 180°	CPL1xx	1" coupling[4]	DGC	Charcoal gray
			DM28 PL	2 at 180° with one side plugged	DM29MRT_	2 at 90°	NPL12xx	1/2" threaded nipple[4]	DTG	Tennis green
			DM29	2 at 90°	DM39MRT_	3 at 90°	NPL34xx	3/4" threaded nipple[4]	DBR	Bright red
			DM39	3 at 90°	DM49MRT_	4 at 90°	NPL1xx	1" threaded nipple[4]	DSB	Steel blue
			DM49	4 at 90°			EHHxx	Extra handhole[4,6]	Architectural colors (powder finish)[10]	
			CSX/DSX/AERIS™/OMERO™ Drill mounting[2]				MAEX	Match existiing[7]		
			DM19AS	1 at 90°			USPOM	United States point of manufacture[8]		
			DM28AS	2 at 180°			IC	Interior coating[9]		
			DM29AS	2 at 90°						
			DM39AS	3 at 90°						
			DM49AS	4 at 90°						

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

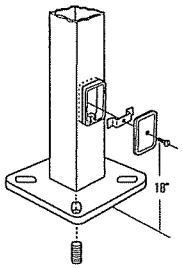
IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage plácement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

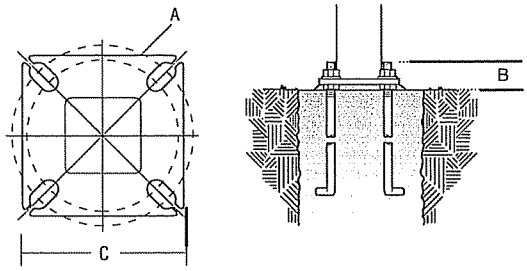
SSS Square Straight Steel Poles

TECHNICAL INFORMATION													
					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"--4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"--4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"--12"	3-3/8"--4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"--13"	3-3/8"--4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A



IMPORTANT:

- These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-279-8041 Fax: 770-981-1209 www.lithonia.com

CULVER FRANCHISING SYSTEM, INC.

CULVER'S OF MADISON - MINERAL POINT RD.

7202 MINERAL POINT RD.
MADISON, WI 53717

	--SHEET INDEX--
SHEET NO.	DESCRIPTION
T100	TITLE & SHEET INDEX
C100	EXISTING CONDITIONS
C101	DEMOLITION PLAN
C102	SITE PLAN
C103	GRADING & EROSION CONTROL PLAN
C104	UTILITY PLAN
C105	DETAILS
L100	LANDSCAPE PLAN
L101	SITE PHOTOMETRICS
A1	BUILDING ELEVATIONS
A2	BUILDING ELEVATIONS
A3	BUILDING ISOMETRICS
A-2	ARCHITECTURAL FLOOR PLAN

Date	Revision	By

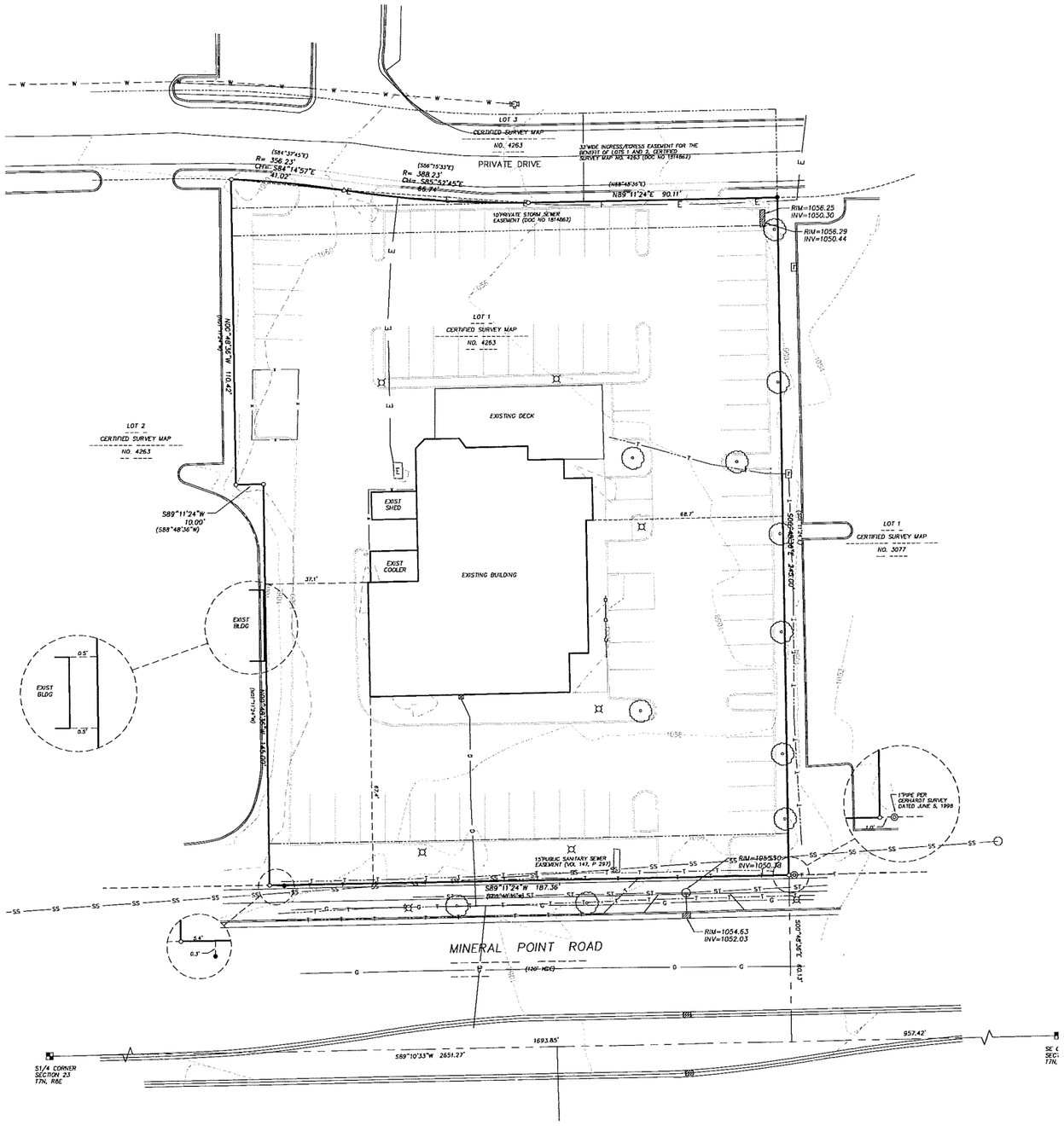
Culver Franchising System, Inc.
1240 Water Street
Prairie du Sac, WI 53578
608-643-7980

CULVER FRANCHISING SYSTEM, INC.
CULVER'S OF MADISON
MINERAL POINT RD

Sheet Contents:
TITLE & INDEX

Project No. Culver's of Madison - Mineral Point Rd.
Drawn By: S. Datka
Date: March 4, 2015

Sheet
T100



LEGEND

E	UNDERGROUND ELECTRIC
SS	SANITARY SEWER
W	WATER MAIN
G	GAS MAIN
T	UNDERGROUND TELECOMMUNICATION LINE
ST	STORM SEWER
E	ELECTRIC TRANSFORMER
T	TELEPHONE PEDESTAL
	MANHOLE
	CATCH BASIN/INLET
	LIGHT POLE
	TRAFFIC SIGNAL
	GAS METER
	HYDRANT
	TREE
	CHAIN-LINK FENCE
	CONC. CURB
275	EXIST. CONTOUR

LEGAL DESCRIPTION

Lot 1, Certified Survey Map No. 4263, recorded in the Office of the Register of Deeds for Dane County, Wisconsin, in Volume 18 of Certified Survey Maps, Pages 116-118, as Document No. 1814862, located in the SE1/4 of the SE1/4 of Section 23, T7N, R8E, City of Madison, Dane County, Wisconsin. Containing 47,374 square feet (1.088 acres).

Together with ingress and egress easement established by Warranty Deed recorded in Volume 12382 of Records, Page 62, as Document No. 2121280 and as referenced on said Certified Survey Map.

D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

CULVER'S - MINERAL POINT ROAD

EXISTING CONDITIONS

CITY OF MADISON, DANE COUNTY, WISCONSIN

SCALE: 1" = 20'
(PAGE SIZE: 22X34)
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DATE: 03-04-15
REVISED:

DRAWN BY: JHS

FN: 15-05-104

Sheet Number:
C100

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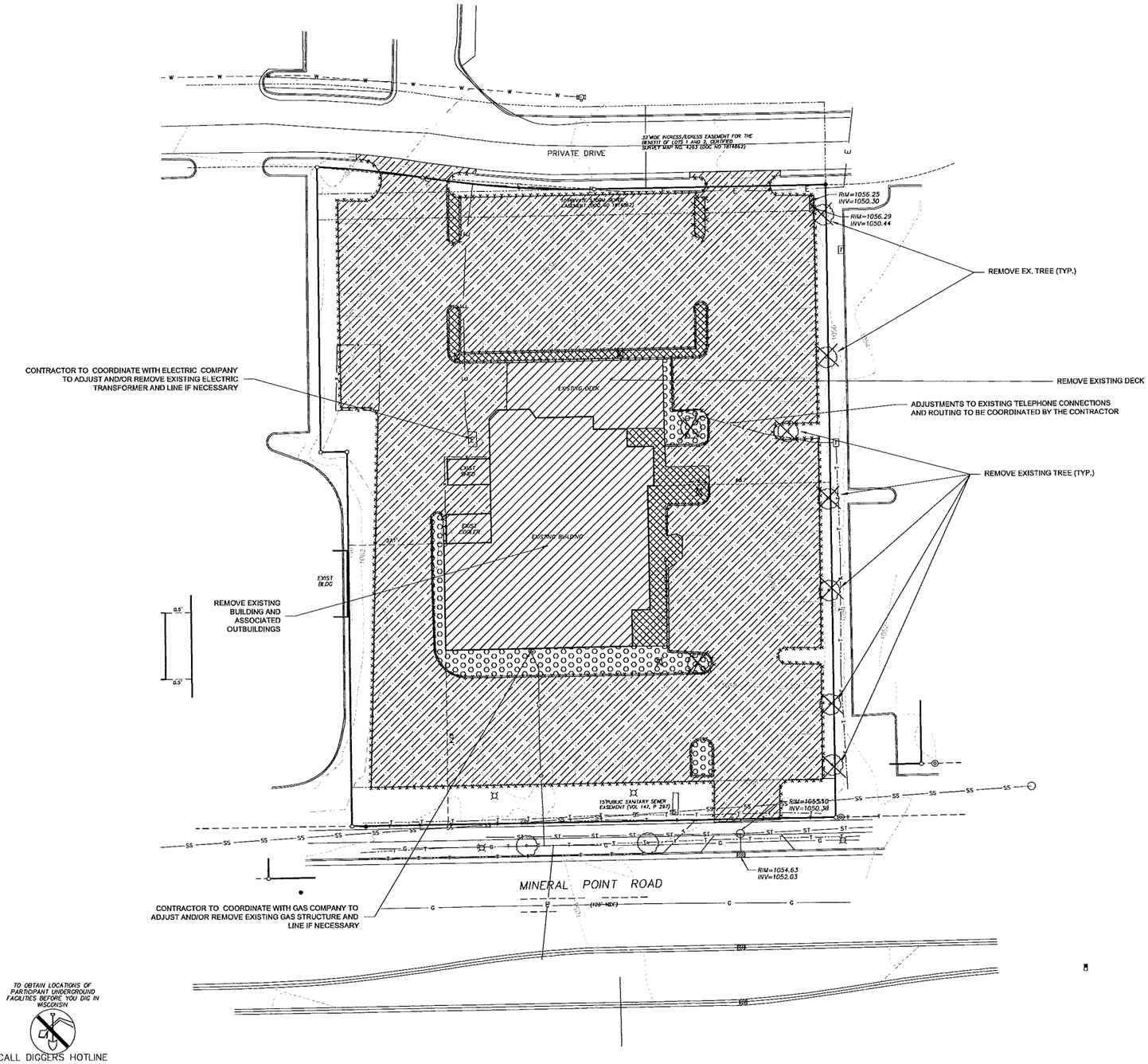

LEGEND

- LIMITS OF DISTURBANCE
- REMOVE EXISTING ASPHALT
- REMOVE EXISTING BUILDING
- REMOVE EXISTING CONCRETE
- REMOVE EXISTING LANDSCAPING
- REMOVE EXISTING TREE
- PROPOSED TREE PROTECTION

GENERAL NOTES

1. ALL WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS
2. CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
3. BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY
4. IF ANY ERRORS, DISCREPANCIES, OR DIMENSIONS WITH PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION
5. CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION
6. ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

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7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
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DEMOLITION PLAN

CULVER'S - MINERAL POINT ROAD

CITY OF MADISON, DANE COUNTY, WISCONSIN

SCALE: 1"= 20'
IMAGE SIZE: 22X34
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DATE: 03-04-15
REVISED:

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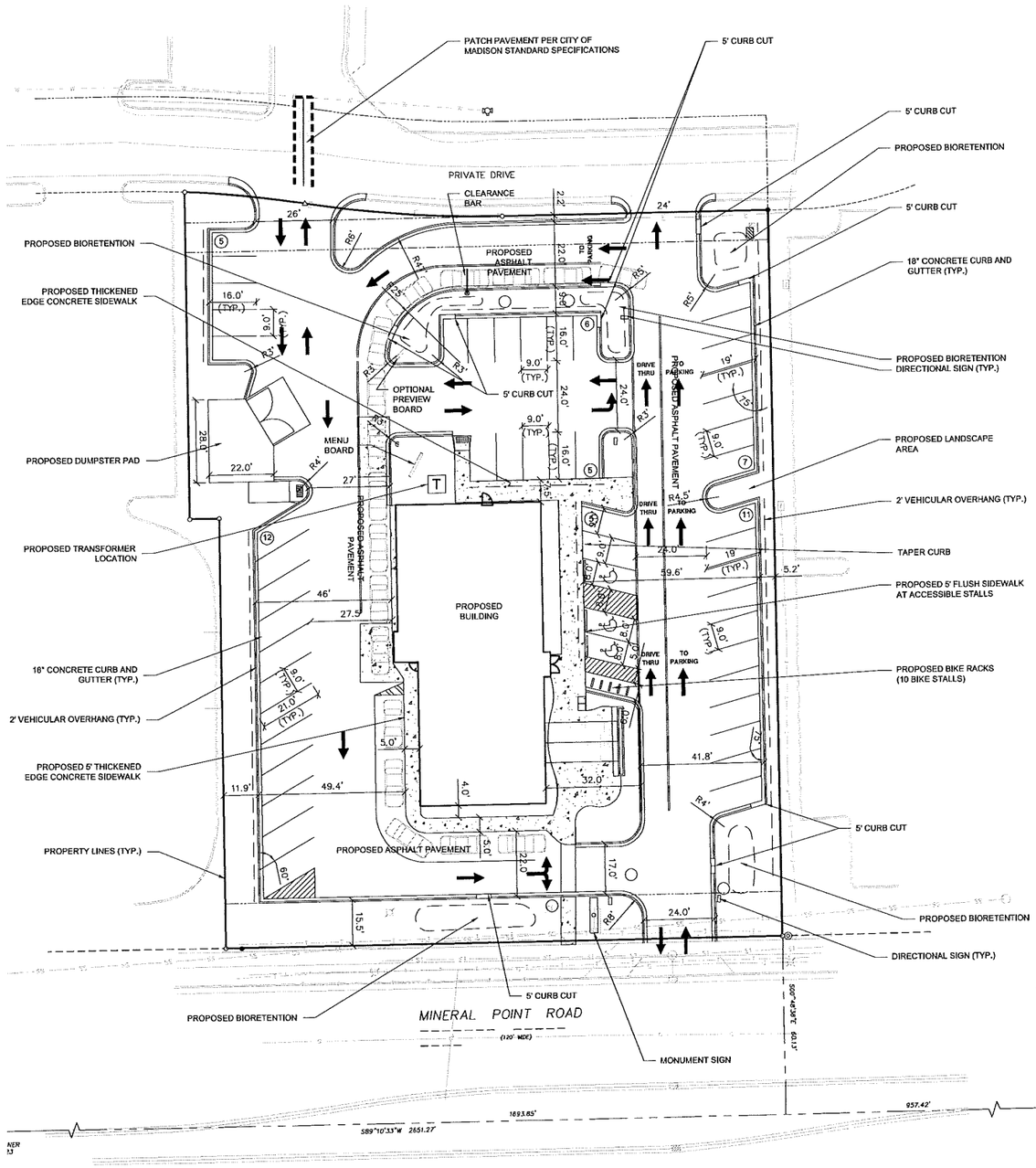

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6. ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED

SITE PLAN INFORMATION BLOCK
7202 MINERAL POINT ROAD

LOT AREA	1.088 AC ±
EXISTING TOTAL IMPERVIOUS AREA	40,335 SF±
PROPOSED TOTAL IMPERVIOUS AREA	37,050 SF±
EXISTING BUILDING AREA	6,080 SF±
PROPOSED BUILDING ADDITION AREA	4,703 SF±
NUMBER OF PROPOSED SURFACE PARKING STALLS	48
NUMBER OF ACCESSIBLE STALLS	3
TOTAL NUMBER OF STALLS	51
NUMBER OF SURFACE BICYCLE STALLS	10

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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CULVER'S - MINERAL POINT ROAD

SITE PLAN

CITY OF MADISON, DANE COUNTY, WISCONSIN

SCALE: 1"= 20'
(PAGE SIZE: 22X34)
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DATE: 03-04-15
REVISED:

DRAWN BY: DJS

FN: 15-05-104

Sheet Number:
C102

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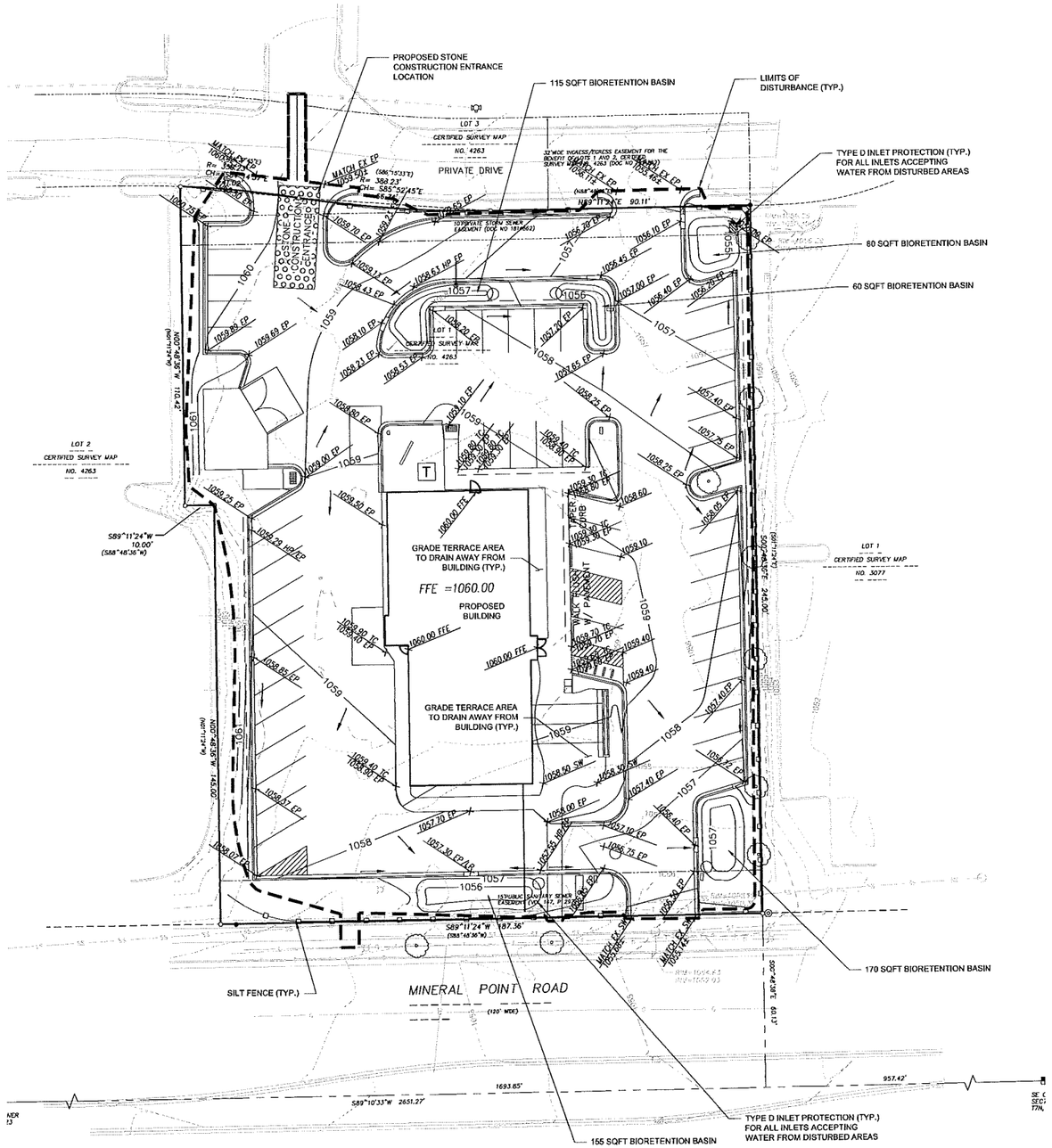

LEGEND

- PROPOSED CONTOUR (900)
- EXISTING CONTOUR
- SPOT ELEVATION (983.10)
  - EP - EDGE OF PAVEMENT
  - FFE - FINISHED FLOOR ELEVATION
  - TC - TOP OF CURB
  - TW - TOP OF WALL (GROUND ELEVATION)
  - BW - BOTTOM OF WALL (GROUND ELEVATION)
  - HP - HIGHPOINT
- LIMITS OF DISTURBANCE
- SILT FENCE/SILT SOCK
- FLOW ARROW

GENERAL NOTES

1. ALL WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS
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5. CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION
6. ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED

GRADING AND EROSION CONTROL NOTES:

1. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DNR TECHNICAL STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS.
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIALS AS SHOWN ON PLAN. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS IF MODIFICATIONS CONFORM TO WDNR TECHNICAL STANDARDS.
3. EROSION CONTROL MEASURES INDICATED ON THE PLANS SHALL BE CONSIDERED MINIMUMS. IF DETERMINED NECESSARY DURING CONSTRUCTION ADDITIONAL MEASURES SHALL BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING THE SITE.
4. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
5. INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
6. NO SITE GRADING OUTSIDE OF THE LIMITS OF DISTURBANCE
7. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER
8. INSTALL INLET PROTECTION IN ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS
9. CUT AND FILL SLOPES SHALL BE NO GREATER THAN 2:1
10. SLOPES EXCEEDING 4:1 SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING AND ALL DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING.
11. ALL INCIDENTAL MUD TRACKING OFF-SITE ONTO ADJACENT PUBLIC THOROUGHFARES SHALL BE CLEANED UP AND REMOVED BY THE END OF EACH WORKING DAY USING PROPER DISPOSAL METHODS.
12. ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY STABILIZATION METHODS SUCH AS TEMPORARY SEEDING, SOIL TREATMENT, EROSION MATTING, OR MULCH
13. PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
14. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
15. AT A MINIMUM ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL FERTILIZER, SEED AND MULCH. SEED MIXTURE SHALL BE WISCONSIN DOT SEED MIX #40 OR EQUIVALENT APPLIED AT A RATE OF 5 POUNDS PER 1000 SQFT ON ALL DISTURBED AREAS. ANNUAL RYEGRASS AT A RATE OF 1.3 POUNDS PER 1000 SQFT SHALL BE ADDED TO THE MIXTURE. FERTILIZER SHALL BE PLACED PER A SOIL TEST. THE BIORETENTION/BIOFILTRATION BASINS SHALL BE PLANTED WITH NATIVE SPECIES TOLERANT OF FLUCTUATING WATER CONDITIONS. SEE LANDSCAPE PLAN FOR A MORE DETAILED PLANTING PLAN AND LANDSCAPE DETAILS.
16. DEWATERING, IF APPLICABLE, SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.

SEQUENCE/ ANTICIPATED TIME SCHEDULE

1. INSTALL EROSION CONTROL
2. DEMOLITION- REMOVE EXISTING ASPHALT AND CONCRETE
3. ROUGH SITE GRADING, BEGIN BUILDING CONSTRUCTION
4. FINE GRADING, CONCRETE CURB AND GUTTER, ASPHALT, CONCRETE, UTILITIES, RETAINING WALL, AND BUILDING CONSTRUCTION.
5. RESPREAD TOPSOIL AND FINAL RESTORATION
6. REMOVE EROSION CONTROL WHEN SITE HAS BECOME STABILIZED.

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE

D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

CULVER'S - MINERAL POINT ROAD

GRADING AND EROSION CONTROL PLAN

CITY OF MADISON, DANE COUNTY, WISCONSIN

SCALE: 1"= 20'
(PAGE SIZE: 22X34)
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DATE: 03-04-15
REVISED:

DRAWN BY: JMS

FN: 15-05-104

Sheet Number:
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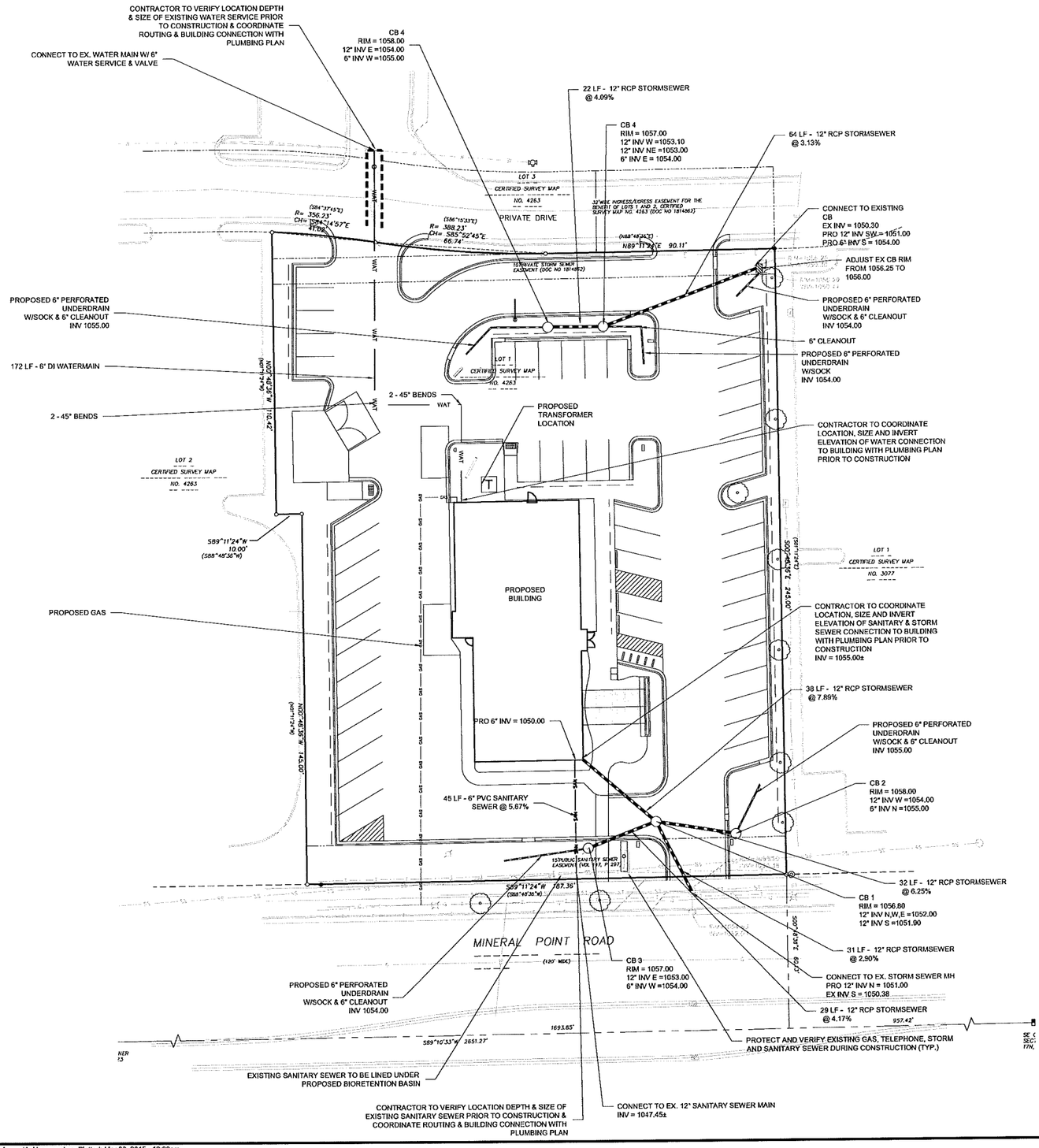

GENERAL NOTES

1. ALL WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS
2. CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
3. BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY
4. IF ANY ERRORS, DISCREPANCIES, OR DIMENSIONS WITH PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION
5. CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION
6. ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED

SITE UTILITY NOTES

1. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. PROTECTION OF EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.
2. CONTRACTOR TO COORDINATE ELECTRIC, GAS, PHONE & CABLE INSTALLATION WITH THE RESPECTIVE UTILITY COMPANIES.
3. UTILITY CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITY GRADES AND NOTIFY THE PROJECT SUPERINTENDENT IF A CONFLICT ARISES WITH THE INSTALLATION OF NEW UTILITIES.
4. ALL 2X3 INLETS TO BE 2' X 3' INLET BOXES WITH NEENAH R-3067 COMBINATION INLET FRAME, GRATE, CURB BOX WITH TYPE C LID
5. ALL STORM MANHOLES TO BE 48" DIAMETER MANHOLE WITH NEENAH R-2501 INLET FRAME, GRATE WITH TYPE G LID UNLESS NOTED AS SOLID LID ON PLAN
6. UTILITY LENGTHS ARE SHOWN FORM CENTER OF STRUCTURE TO CENTER OF CENTER OF STRUCTURE

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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UTILITY PLAN

CULVER'S - MINERAL POINT ROAD

CITY OF MADISON, DANE COUNTY, WISCONSIN

SCALE: 1"= 20'
(PAGE SIZE: 22x34)
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DATE: 03-04-15
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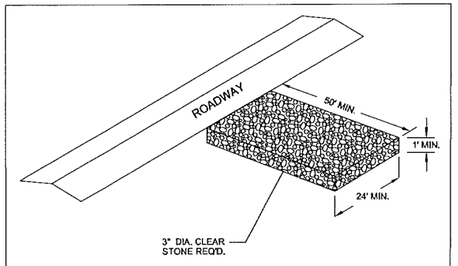
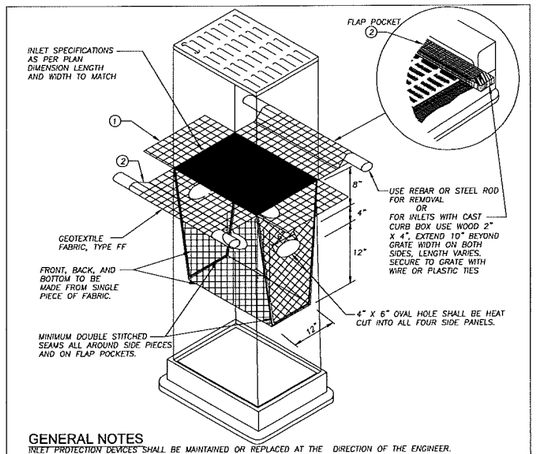


STONE TRACKING PAD DETAIL
NOT TO SCALE



GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① *FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.*

② *FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.*

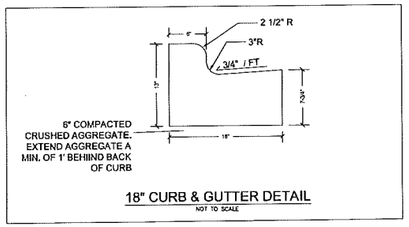
INSTALLATION NOTES

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

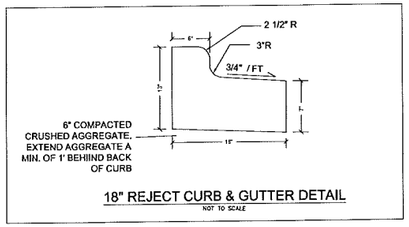
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

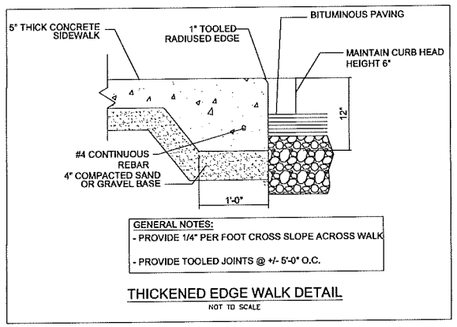
INLET PROTECTION, TYPE D
N.T.S.



18" CURB & GUTTER DETAIL
NOT TO SCALE

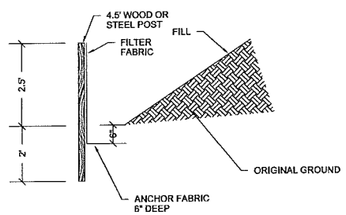


18" REJECT CURB & GUTTER DETAIL
NOT TO SCALE



GENERAL NOTES:
- PROVIDE 1/4" PER FOOT CROSS SLOPE ACROSS WALK
- PROVIDE TOOLED JOINTS @ +/- 5'-0" O.C.

THICKENED EDGE WALK DETAIL
NOT TO SCALE



SILT FENCE DETAIL
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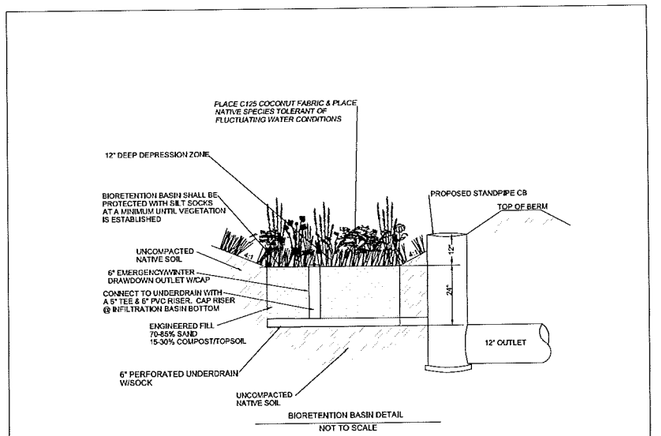

BIORETENTION BASIN DETAIL
NOT TO SCALE

NOTE:

DO NOT COMPACT INFILTRATION AREA DURING CONSTRUCTION

THE CONTRACTOR IS REQUIRED TO PROVIDE QUALIFIED STAFF FOR INSPECTION AND OBSERVATION OF THE CONSTRUCTION ACTIVITIES RELATING TO ALL JOB SITE REGULATION COMPLIANCE INCLUDING THE PROTECTION, RECORDS AND CONSTRUCTION OF ALL STORMWATER MANAGEMENT FEATURES

INFILTRATION DEVICE AREA SHALL BE FENCED PRIOR TO SITE CONSTRUCTION AND REMAIN UNDISTURBED AND PROTECTED FROM CONSTRUCTION AND SEDIMENT DURING THE CONSTRUCTION OF PROPOSED SITE IMPROVEMENTS. THE PROPOSED INFILTRATION BASIN SHALL NOT BE CONSTRUCTED UNTIL THE DEVICES CONTRIBUTING WATERSHED AREA MEETS ESTABLISHED SITE AND VEGETATION REQUIREMENTS.

ACCESSIBLE PARKING DETAIL
N.T.S.

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7530 Westward Way, Madison, WI 53717
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DETAIL SHEET

CULVER'S - MINERAL POINT ROAD

CITY OF MADISON, DANE COUNTY, WISCONSIN

SCALE: 1"= 20'
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DATE: 03-04-15
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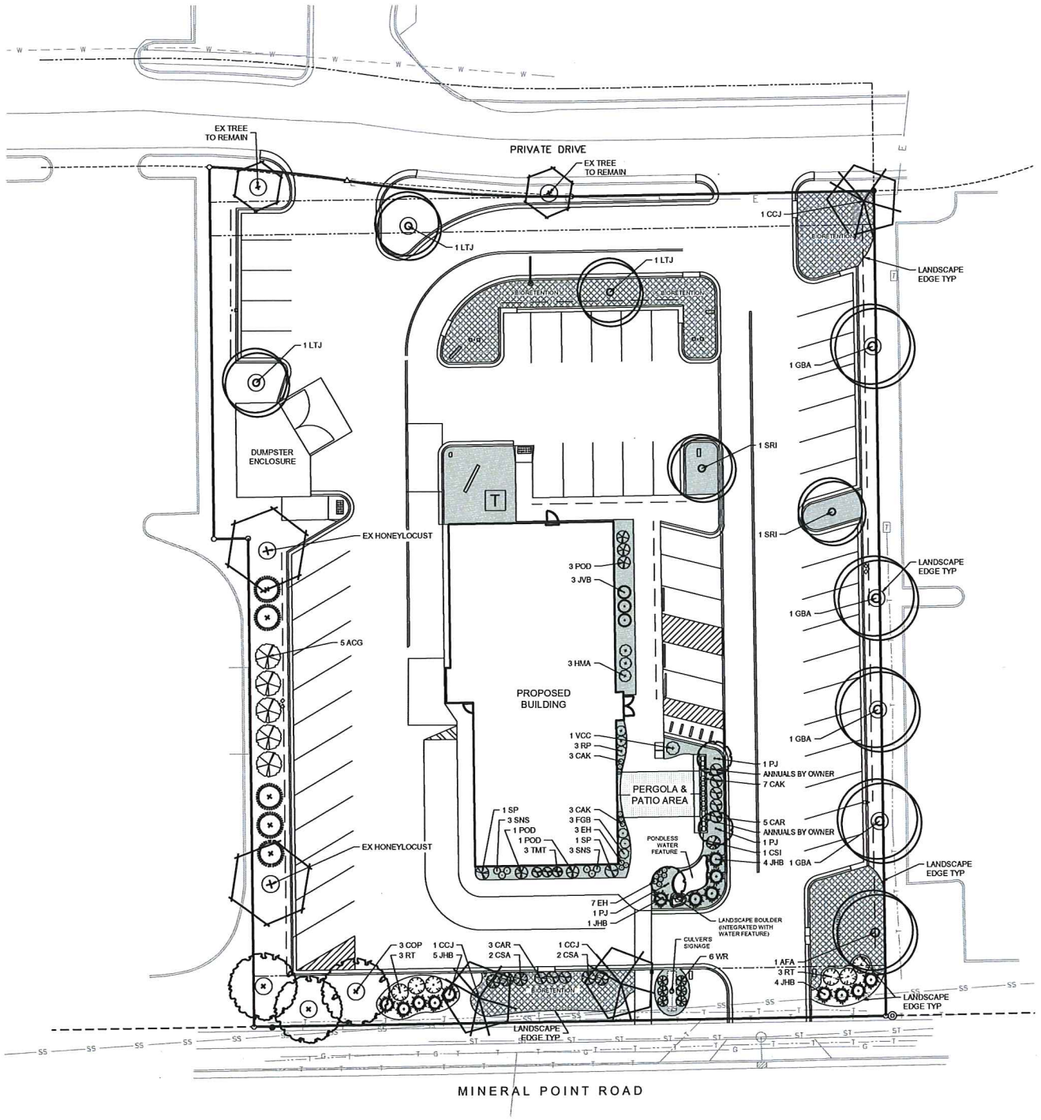


LANDSCAPE REQUIREMENTS SUMMARY

TOTAL BUILDING AREA = 4,703 SF

DEVELOPED AREA REQUIREMENT:
5 PTS PER 300 SQ FT OF DEVELOPED AREA
GROSS DEVELOPED AREA = 38,796 SQ FT
BUILDING FOOTPRINTS = 4,703 SQ FT
NET DEVELOPED AREA = 34,093 SQ FT

POINTS REQUIRED = 568 POINTS
POINTS PROVIDED = 910 POINTS

STREET FRONTAGE REQUIREMENT:
1 OVERSTORY TREE OR 2 EVERGREEN & 5 SHRUB PER 30 LF

MINERAL POINT ROAD FRONTAGE = 172 FT
PLANTS REQUIRED = 6 OVERSTORY TREES OR
12 EVERGREEN / ORNAMENTAL TREES
29 SHRUBS
PLANTS PROVIDED = 6 OVERSTORY TREES
29 SHRUBS

PARKING LOT LANDSCAPING REQUIREMENT:
1 OVERSTORY TREE PER 160 SQ FT OF REQUIRED AREA

TOTAL PARKING LOT AREA = 27,750 SQ FT
REQUIRED LANDSCAPED AREA = 2,220 SQ FT (8% TOTAL PARKING LOT AREA)

LANDSCAPED AREA PROVIDED = 10,700 SQ FT

OVERSTORY TREES REQUIRED = 14 OVERSTORY TREES

OVERSTORY TREES PROVIDED = 14 OVERSTORY TREES

LANDSCAPE LEGEND

BIORETENTION MIX

3" DEPTH DECORATIVE STONE MULCH OVER FILTER FABRIC

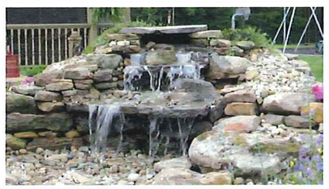
PLANTING SCHEDULE

CODE	SCIENTIFIC NAME	COMMON NAME	QTY	PTS PER PLANT	SUB-TOTAL	SIZE	ROOT COND	NOTES
OVERSTORY DECIDUOUS TREES								
AFA	Acer x freemanii 'Autumn Fantasy'	Autumn Fantasy Maple	1	35	35	2.5"	B&B	
CCJ	Carpinus caroliniana 'JN Strain'	JN Strain Musclewood	3	35	105	2.5"	B&B	
COP	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	3	35	105	2.5"	B&B	
GBA	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	4	35	140	2.5"	B&B	
LTJ	Liriodendron tulipifera 'JFS-Oz'	Emerald City Tuliptree	3	35	105	2.5"	B&B	
SRI	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	2	35	70	2.5"	B&B	
ORNAMENTAL TREE								
PJ	Pyrus 'Jaczam'	Jack Flowering Pear	3	15	45	1.5"	B&B	
DECIDUOUS SHRUB								
ACG	Amelanchier canadensis 'Glennform'	Rainbow Pillar Serviceberry	5	3	15	6' TALL	B&B	MULTI-STEM
CAR	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	8	3	24	24" TALL	POT	
CSA	Cornus sericea 'Arctic Fire'	Arctic Fire Red Twig Dogwood	5	3	15	36" TALL	POT	
CSI	Cornus sericea 'Ivory Halo'	Ivory Halo Red Twig Dogwood	1	3	3	36" TALL	POT	
FGB	Fothergilla gardenii 'Beaver Creek'	Beaver Creek Fothergilla	3	3	9	24" TALL	POT	
HMA	Hydrangea macrophylla 'All Summer Beauty'	All Summer Beauty Hydrangea	3	3	9	24" TALL	POT	
POD	Physocarpus opulifolius 'Little Devil'	Little Devil Ninebark	5	3	15	36" TALL	POT	
RT	Rhus typhina 'Bailtiger'	Tiger Eyes Sumac	6	3	18	24" TALL	POT	
SP	Syringa 'Penda'	Bloomerang Lilac	2	3	6	36" TALL	POT	
VCC	Viburnum carlesii 'Compactum'	Compact Koreanspice Viburnum	1	3	3	36" TALL	POT	
WR	Weigela 'Rumba'	Rumba Weigela	6	3	18	18" TALL	POT	
EVERGREEN SHRUB								
JHB	Juniperus horizontalis 'Blue Chip'	Blue Chip Juniper	14	4	56	3 GAL	POT	
JVB	Juniperus virginiana 'Blue Mountain'	Blue Mountain Juniper	3	4	12	3 GAL	POT	
RP	Rhododendron 'PJM'	PJM Rhododendron	3	4	12	24" TALL	POT	
TMT	Taxus x media 'Tauntonii'	Taunton Yew	3	4	12	24" TALL	POT	
TOP	Thuja occidentalis 'Pyramidalis'	Pyramidal Arborvitae	5	4	20	24" TALL	POT	
ORNAMENTAL GRASSES								
CAK	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	13	2	26	1 GAL	POT	
EH	Elymus hystrix	Bottle Brush Grass	10	2	20	1 GAL	POT	
SNS	Sorgastrum nutans 'Sioux Blue'	Sioux Blue Indiangrass	6	2	12	1 GAL	POT	
				TOTAL:	910	POINTS		

LANDSCAPE PLAN - GENERAL NOTES

1. CONTACT DIGGER'S HOTLINE 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL THE PRIVATE UTILITIES PRIOR TO THE START OF WORK.
3. ALL LANDSCAPE BEDS SHALL CONTAIN A 3" DEPTH OF SHREDDED HARDWOOD MULCH CONTAINED BY LANDSCAPE EDGING UNLESS OTHERWISE NOTED.
4. LANDSCAPE BEDS RECEIVING STONE MULCH SHALL BE PREPARE BY TILLING IN COMPOSTED PEAT AT A RATE OF 1 CU. FT. COMPOSTED MULCH PER 100 SQ. FT. OF LANDSCAPE BED.
5. LANDSCAPE EDGING SHALL BE 3/16" x 4" ALUMINUM EDGING.
6. ALL TREES IN TURF AREAS SHALL HAVE A 5' DIAMETER CIRCLE OF 3" DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY LANDSCAPE EDGING.
7. ALL LAWN AND BIORETENTION AREAS SHALL BE FINISH GRADED, AND PLANTED PER THE PROJECT MANUAL.
8. ALL GENERAL LANDSCAPE AREAS SHALL HAVE A MINIMUM 6" COMPACTED DEPTH OF TOPSOIL.
9. GENERAL LANDSCAPE AREAS SHALL BE SEEDED WITH *MADISON PARKS* SEED MIX AS MANUFACTURED BY LA CROSSE SEED, LLC. PER MANUFACTURER'S SPECIFICATIONS.
10. BIORETENTION BASINS SHALL BE PLANTED WITH *RAINWATER RENEWAL GARDEN* PLANT MIX AS MANUFACTURED BY AGRECOL NATIVE NURSERY. PLANTS SHALL BE FURNISHED IN 2" PLUGS AND SHALL BE PLANTED ON 9"-12" CENTERS OR PER MANUFACTURER'S SPECIFICATIONS.
11. ALL LANDSCAPING SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON ZONING ORDINANCE.

WATER FEATURE CONCEPT




NOTES:
1. WATER FEATURE SHALL PROVIDE WATERFALLS ON BOTH THE NORTH AND SOUTH SIDES SO AS TO PROVIDE A FOCAL POINT TO THE VIEW FROM THE ENTRANCE DRIVE & TO PROVIDE WHITE NOISE TO THE PERGOLA & PATIO AREA USERS
2. SPECIFIC DESIGN TO BE DETERMINED & COORDINATED WITH A POND SPECIALTY CONTRACTOR

WISCONSIN
MATTHEW T. SALTZBERRY
LA-666
WAUNAKEE WIS.
LANDSCAPE ARCHITECT
03-04-2015

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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LANDSCAPE PLAN

CULVER'S - MINERAL POINT ROAD

CITY OF MADISON, DANE COUNTY, WISCONSIN

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(PAGE SIZE: 22X34)
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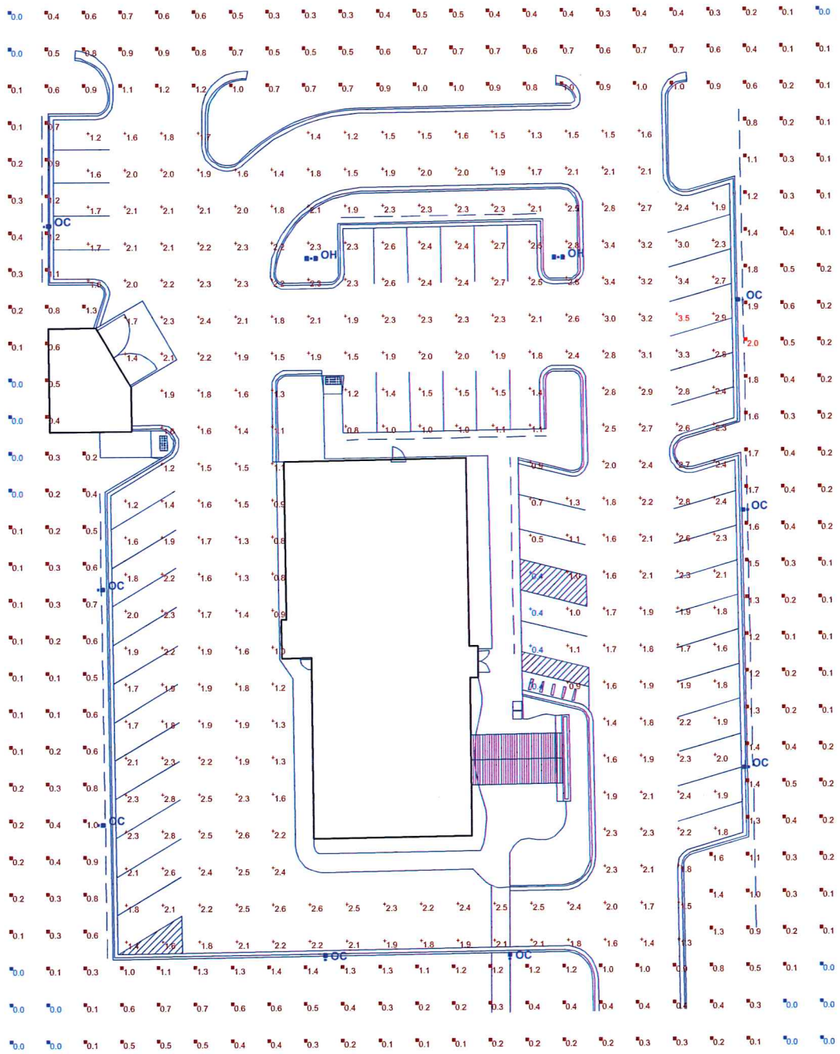
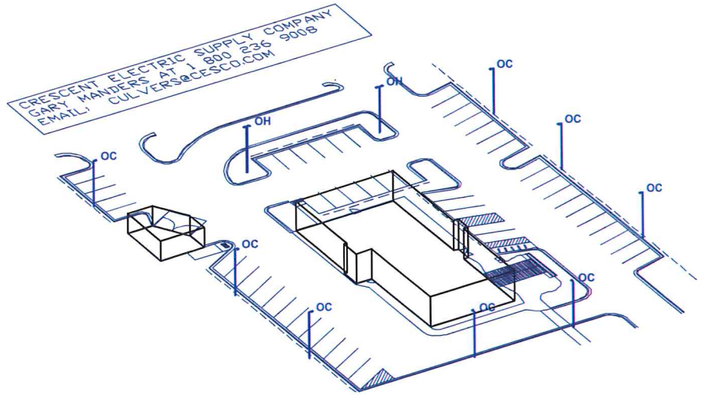
CRESCENT ELECTRIC SUPPLY COMPANY
GARY MANDERS AT 1 800 236 9008
EMAIL: CULVERS@CESCO.COM



Plan View
Scale 1" = 20'



LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Lamp	Watts
■	OC	8	DSX1 LED 30C 1000 40K T3M MVOLT HS NA8C 20' POLE, POLE BASE 3' ABOVE GRADE	LED	105
■ ■	OH	2	DSX1 LED 30C 1000 40K T4M MVOLT HS NA8C 20' POLE, POLE BASE 3' ABOVE GRADE	LED	210

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
AREA OUTSIDE OF PARKING LOT	■	0.5 fc	2.0 fc	0.0 fc	N / A	N / A
PARKING LOT	+	2.0 fc	3.5 fc	0.4 fc	8.8:1	5.0:1

CRESCENT ELECTRIC SUPPLY COMPANY

CULVERS
MADISON, WI

Designer

Date
MAR 2, 2015

Scale

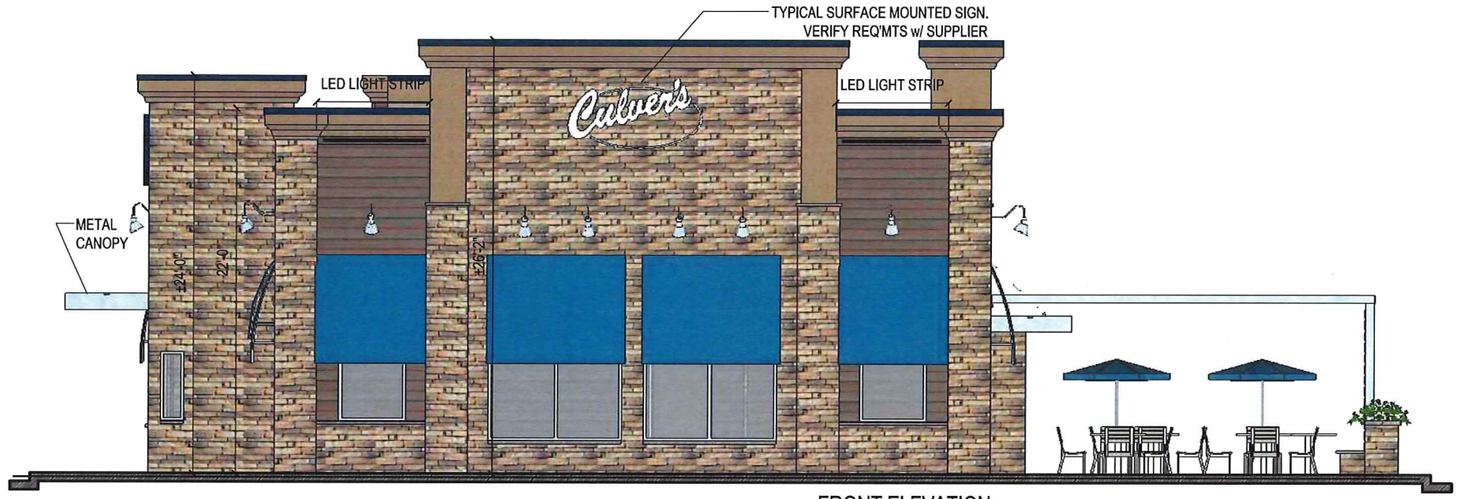
Drawing No.

1 of 1

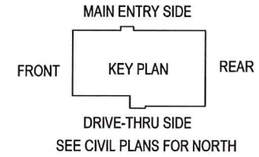
MAIN ENTRY ELEVATION

ELEVATION SCALE: 1/4" = 1'-0"

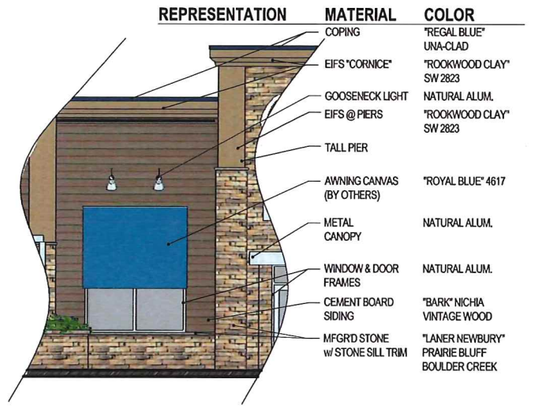
0' 3' 10' 20'



FRONT ELEVATION



SEE CIVIL PLANS FOR NORTH



REPRESENTATION	MATERIAL	COLOR
	COPING	"REGAL BLUE" UNA-CLAD
	EIFS "CORNICE"	"ROOKWOOD CLAY" SW 2823
	GOOSENECK LIGHT	NATURAL ALUM.
	EIFS @ PIERS	"ROOKWOOD CLAY" SW 2823
	TALL PIER	
	AWNING CANVAS (BY OTHERS)	"ROYAL BLUE" 4617
	METAL CANOPY	NATURAL ALUM.
	WINDOW & DOOR FRAMES	NATURAL ALUM.
	CEMENT BOARD SIDING	"BARK" NICHIA VINTAGE WOOD
	MFG'RD STONE w/ STONE SILL TRIM	"LANER NEWBURY" PRAIRIE BLUFF BOULDER CREEK

PRELIMINARY ELEVATION RENDERINGS

Note: Though these images have photorealistic qualities, the actual building materials may vary in appearance.

NEW CULVER'S RESTAURANT
Mineral Point Road
Madison, WI
County of DANE

Culver Franchising System, Inc.
1240 Water Street
Prairie du Sac, WI 53578
608-643-7980

OLLMANN ERNEST MARTIN ARCHITECTS
509 South State Street
Belvidere Illinois 61008
815-544-7790 Phone
815-544-7792 Fax

ELEVATIONS

Revision:

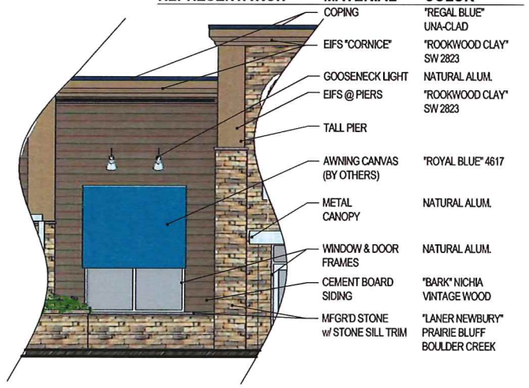
Date: 3-3-2015

2015-017

A1

DRIVE-THRU ELEVATION

REAR ELEVATION



ELEVATION SCALE: 1/4" = 1'-0"

0' 3' 10' 20'

MAIN ENTRY SIDE

FRONT — KEY PLAN — REAR

DRIVE-THRU SIDE

SEE CIVIL PLANS FOR NORTH

PRELIMINARY ELEVATION RENDERINGS

Note: Though these images have photorealistic qualities, the actual building materials may vary in appearance.

NEW CULVER'S RESTAURANT
Mineral Point Road
Madison, WI
County of DANE

Culver Franchising System, Inc.
1240 Water Street
Prairie du Sac, WI 53578
608-643-7980

OLLMANN ERNEST MARTIN ARCHITECTS
509 South State Street
Belvidere Illinois 61008
815-544-7790 Phone
815-544-7792 Fax

ELEVATIONS

Date: 3-3-2015

Revision:

2015-017

A2

RIGHT PERSPECTIVE

REPRESENTATION	MATERIAL	COLOR
	COPING	"REGAL BLUE" UNA-CLAD
	EIFS "CORNICE"	"ROOKWOOD CLAY" SW 2823
	GOOSENECK LIGHT	NATURAL ALUM.
	LED STRIP LIGHT	BLUE
	METAL CANOPY @ ENTRY & DRIVE-THRU	NATURAL ALUM.
	AWNING CANVAS (BY OTHERS)	"ROYAL BLUE" 4617
	NICHIHA SIDING	"BARK" VINTAGE WOOD
	WINDOW & DOOR FRAMES	NATURAL ALUM.
	EIFS @ PIERS	"ROOKWOOD" SW 2823
	MFGR'D STONE w/ STONE SILL TRIM	"LANER NEWBURY" PRAIRIE BLUFF, BOULDER CREEK

PRELIMINARY ELEVATION RENDERINGS

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3D RENDERINGS

Date: 3-3-2015 Revision:

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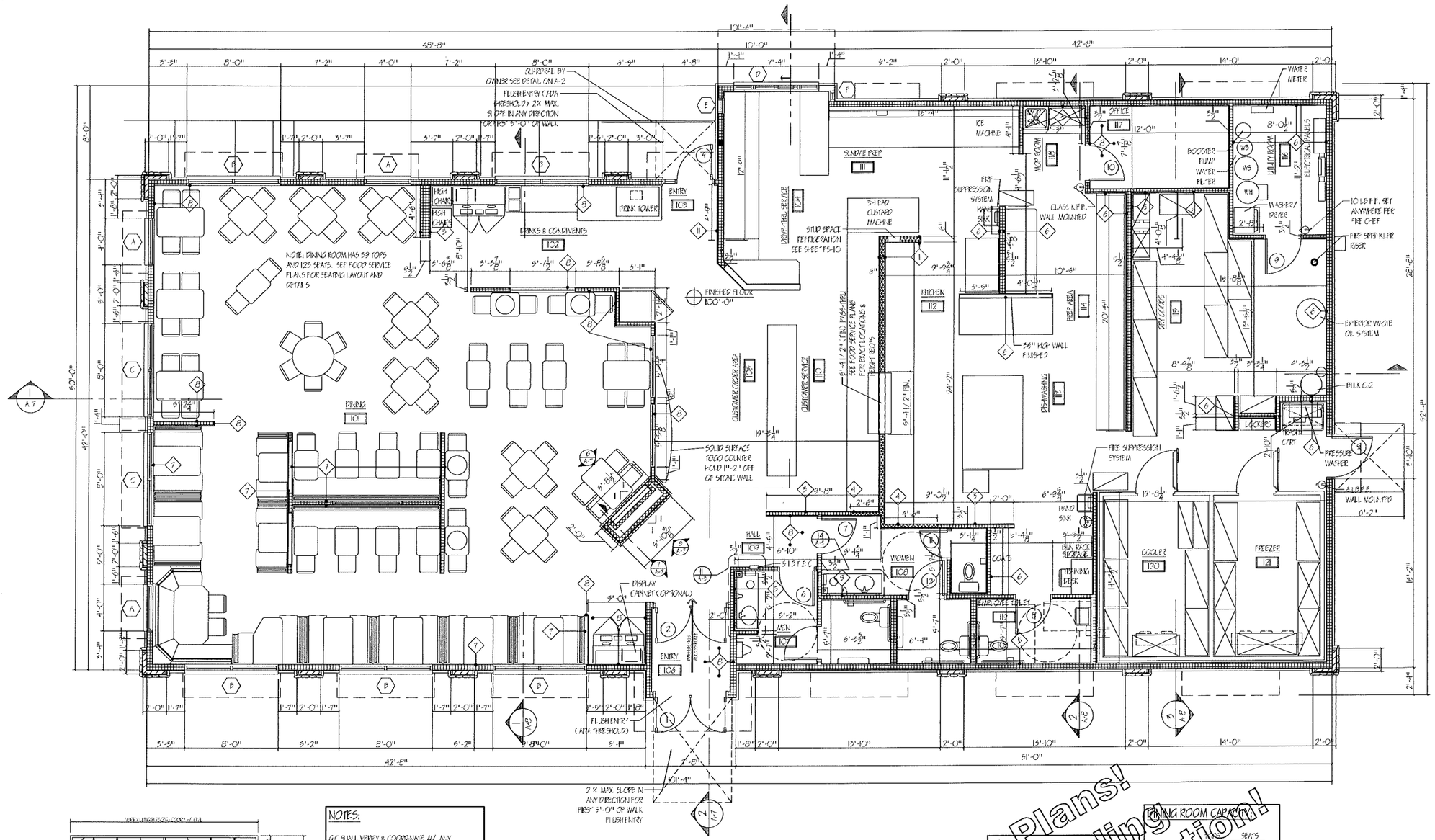
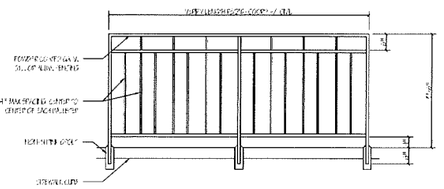
A3





GUARD RAIL DETAIL
1 1/2" = 1'-0"

NOTES:

G.C. SHALL VERIFY & COORDINATE W/ ANY CLEARANCE REQUIREMENTS FOR WATER METER AND ELECTRICAL TRANSFORMER

PROVIDE SEALED PENETRATIONS INTO BUILDING FOR CABLE T.V. & TELEPHONE. COORDINATE W/ OWNER.

VERIFY LOCAL REQUIREMENTS FOR ELECTRIC TRANSFORMER PAD / BLAST WALLS IF NECESSARY.

G.C. WILL BE REQUIRED TO COORDINATE L.P., POWER, SECURITY, & P.O.S. TO ROOM 117.

FIRE EXTINGUISHERS SHOWN IN ASSUMED LOCATIONS. LOCAL A/E TO CONFIRM NUMBER, TYPE, & LOCATION REQUIRED PER CODE AND CONFIRM W/ LOCAL FIRE MARSHALL.

WALL TYPE:

1. 6" 18GA. STEEL STUDS W/ ½" CEMENT BOARD FROM FLOOR TO 6" ABOVE CEILING.
2. ½" CEMENT BOARD FROM FLOOR TO 12" A.F.F. WITH ¾" PLYWOOD FROM 12" A.F.F. TO STRUCTURE.
3. ½" CEMENT BOARD FROM FLOOR TO 6" ABOVE CEILING.
4. 3 ⅝" STEEL STUDS W/ ½" CEMENT BOARD FROM FLOOR TO 6" ABOVE CEILING.
5. ½" CEMENT BOARD / ½" MOISTURE RESISTANT GYP. BOARD TO ROOF DECK. (COORDINATE WITH INTERIOR FINISHES)
6. ½" CEMENT BOARD FROM FLOOR TO 12" A.F.F. WITH ¾" PLYWOOD ABOVE TO GYP. BOARD FROM 4'-0" TO 8'-0" ABOVE FLOOR. GYP. BOARD TO 6" ABOVE CEILING.
7. ½" PLYWOOD FROM FLOOR TO 8'-0" A.F.F. PAINTED GRADE 'C' PLYWOOD GLUED & SCREWED. ½" GYP. BOARD FROM 8'-0" A.F.F. TO 6" ABOVE CEILING WHERE APPLICABLE.
8. ½" CEMENT BOARD FROM FLOOR TO 12" A.F.F. ½" GYP. BOARD FROM 12" TO 6" ABOVE CEILING WHERE APPLICABLE.

KEY	
1'-0" EXAMPLE	
(101)	DOOR NO. REFERENCE TO DOOR SCHEDULE
(XX)	WINDOW NO. - SEE SHEET A-5 FOR DETAILS
(1)	WALL TYPES

DINING ROOM CAPACITY		
		SEATS
5½" TOP BOOTHS	1	=6
6' TOP BOOTHS	1	=6
8' TOP BOOTHS	6	=24
30" TOP TABLES	12	=48
5' TOP BOOTHS	1	=5
2' TOP BOOTHS	2	=4
2' TOP TABLES	16	=32
TOTAL	39	125

FLOOR PLAN - METRO XL + 4' - 2015
4,703 SQUARE FEET

SCALE: 1/4" = 1'-0"

LEFT SIDE / FRONT / REAR / RIGHT SIDE — SEE SITE PLAN FOR NORTH ORIENTATION

Date	Revision	By

Culver Franchising System, Inc.
1240 Water Street
Prairie du Sac, WI 53578
608-643-7980

CULVER FRANCHISING SYSTEM, INC.
METRO XL + 4' - 2015 PROTOTYPE
MADISON, WI

Sheet Contents:
FLOOR PLAN

Project No.: Metro XL + 4' - 2015
Drawn By: S. Datka
Date: Jan. 15, 2015

Sheet
A-2