

# Dane County Rezone Petition

<b>Application Date</b>	<b>Petition Number</b>
06/20/2024	DCPREZ-2024-12079
<b>Public Hearing Date</b>	
08/27/2024	

<b>OWNER INFORMATION</b>	<b>AGENT INFORMATION</b>
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OWNER NAME ALCIVIA	PHONE (with Area Code) (608) 333-6417	AGENT NAME ISG (ANDREA RAND)	PHONE (with Area Code) (952) 426-0699
BILLING ADDRESS (Number & Street) 1401 LANDMARK DR		ADDRESS (Number & Street) 7900 INTERNATIONAL DR STE 550	
(City, State, Zip) COTTAGE GROVE, WI 53527		(City, State, Zip) Bloomington, MN 55425	
E-MAIL ADDRESS jude.wolf@alcivia.com		E-MAIL ADDRESS andrea.rand@isginc.com	

<b>ADDRESS/LOCATION 1</b>	<b>ADDRESS/LOCATION 2</b>	<b>ADDRESS/LOCATION 3</b>
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ADDRESS OR LOCATION OF REZONE		ADDRESS OR LOCATION OF REZONE		ADDRESS OR LOCATION OF REZONE	
North of 410 Pierce Rd					
TOWNSHIP ALBION	SECTION 26	TOWNSHIP	SECTION	TOWNSHIP	SECTION
PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED	
0512-262-9161-7					

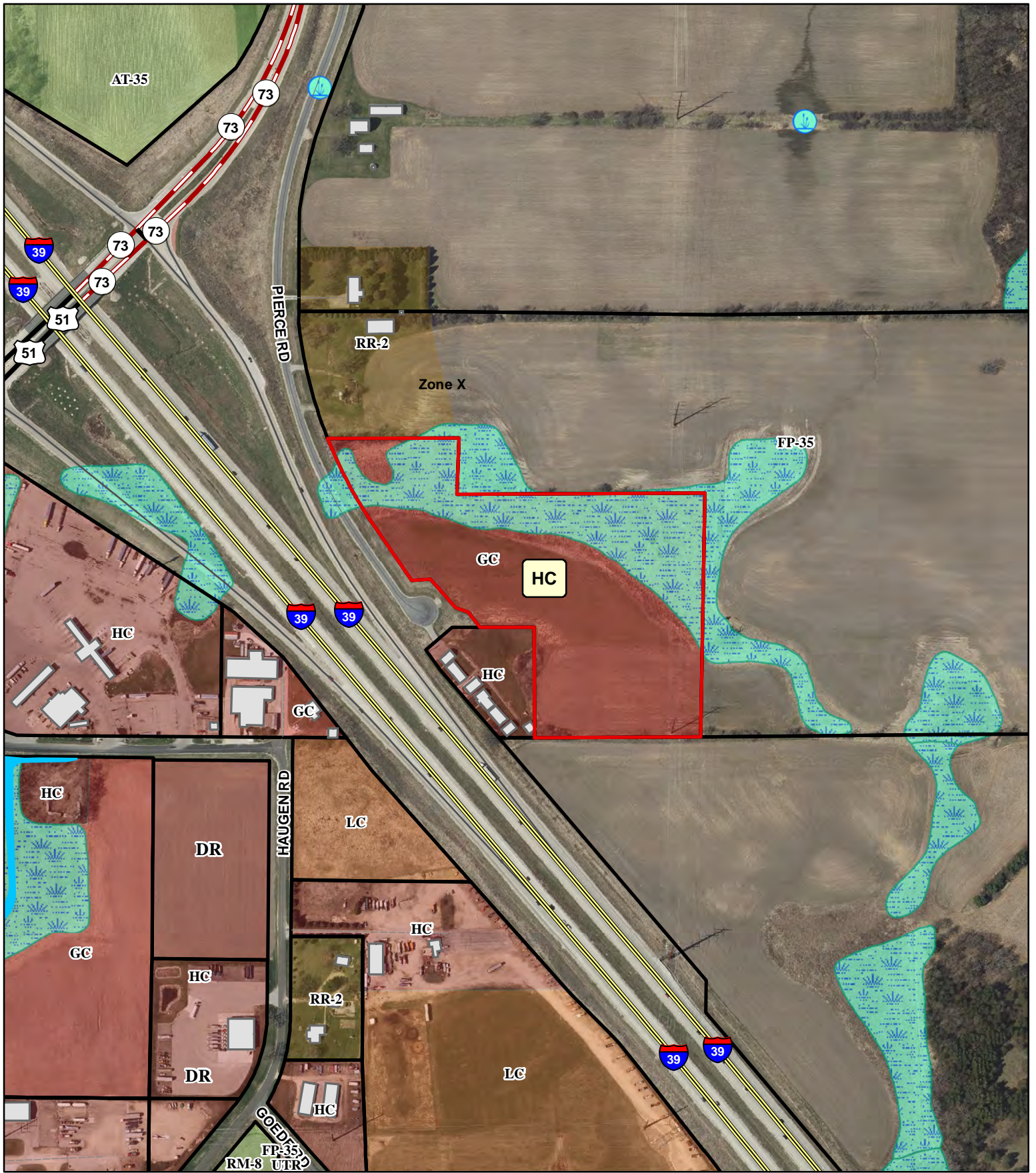
### REASON FOR REZONE

ZONING TO ALLOW FOR PROPANE STORAGE AND DISTRIBUTION CENTER




FROM DISTRICT:	TO DISTRICT:	ACRES
GC General Commercial District	HC Heavy Commercial District	14.55

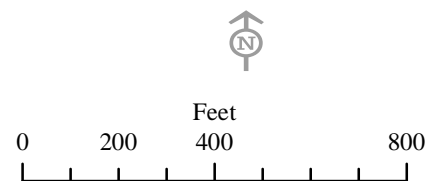
<b>C.S.M REQUIRED?</b>  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Applicant Initials _____	<b>PLAT REQUIRED?</b>  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Applicant Initials _____	<b>DEED RESTRICTION REQUIRED?</b>  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Applicant Initials _____	<b>INSPECTOR'S INITIALS</b>  RUH1	<b>SIGNATURE:(Owner or Agent)</b>   <b>PRINT NAME:</b>   <b>DATE:</b>   
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COMMENTS: SITE CONTAINS WETLANDS (SEE DELINEATION REPORT AND SITE PLAN FOR DETAILS)



# REZONE 12079

-  Wetland
-  Floodway Areas in Zone AE
-  Floodplain





**Dane County**  
**Department of Planning and Development**  
 Zoning Division  
 Room 116, City-County Building  
 210 Martin Luther King Jr. Blvd.  
 Madison, Wisconsin 53703  
 (608) 266-4266

Application Fees	
General:	\$395
Farmland Preservation:	\$495
Commercial:	\$545
<ul style="list-style-type: none"> <li>• PERMIT FEES DOUBLE FOR VIOLATIONS.</li> <li>• ADDITIONAL FEES MAY APPLY. CONTACT DANE COUNTY ZONING AT 608-266-4266 FOR MORE INFORMATION.</li> </ul>	

## REZONE APPLICATION

APPLICANT INFORMATION			
Property Owner Name:	Alcivia	Agent Name:	ISG (Andrea Rand)
Address (Number & Street):	1401 Landmark Dr	Address (Number & Street):	7900 International Dr Ste 550
Address (City, State, Zip):	Cottage Grove WI 53527	Address (City, State, Zip):	Bloomington, MN 55425
Email Address:	jude.wolf@alcivia.com	Email Address:	Andrea.Rand@ISGInc.com
Phone#:	608-333-6417	Phone#:	952-426-0699

### PROPERTY INFORMATION

Township:	Albion	Parcel Number(s):	002/0512-262-9161-7
Section:	26-5-12	Property Address or Location:	vacant, no address. (Southern end of Pierce Rd, east of I-90)

### REZONE DESCRIPTION

<p><b>Reason for the request.</b> In the space below, please provide a brief but detailed explanation of the rezoning request. Include both current and proposed land uses, number of parcels or lots to be created, and any other relevant information. For more significant development proposals, attach additional pages as needed.</p>	<p><b>Is this application being submitted to correct a violation?</b>          Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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The site is a 14.552 vacant parcel. Alcivia is proposing to develop approximately 2 acres on the southwest portion of the lot, right off the end of Pierce Road, just east of I-90 for two liquid propane storage tanks. See attached narrative for more details.

Existing Zoning District(s)	Proposed Zoning District(s)	Acres
GC (General Commercial)	HC (Heavy Commercial)	14.552

**Applications will not be accepted until the applicant has contacted the town and consulted with department staff to determine that all necessary information has been provided. Only complete applications will be accepted. All information from the checklist below must be included. Note that additional application submittal requirements apply for commercial development proposals, or as may be required by the Zoning Administrator.**

<input checked="" type="checkbox"/> Scaled drawing of proposed property boundaries	<input checked="" type="checkbox"/> Legal description of zoning boundaries	<input checked="" type="checkbox"/> Information for commercial development (if applicable)	<input checked="" type="checkbox"/> Pre-application consultation with town and department staff	<input checked="" type="checkbox"/> Application fee ( <b>non-refundable</b> ), payable to the Dane County Treasurer
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I certify by my signature that all information provided with this application is true and correct to the best of my knowledge and understand that submittal of false or incorrect information may be grounds for denial. Permission is hereby granted for Department staff to access the property if necessary to collect information as part of the review of this application. Any agent signing below verifies that he/she has the consent of the owner to file the application.

Owner/Agent Signature

Date 5/16/24

## SUPPLEMENTAL INFORMATION FOR COMMERCIAL DEVELOPMENT

A scaled site plan and detailed operations plan must be submitted for commercial rezone applications. Please use the checklist below to ensure you are submitting all required information applicable to your request. Please attach the relevant maps and plans listed below to your application form.

<input checked="" type="checkbox"/> <b>SCALED SITE PLAN. Show sufficient detail on 11" x 17" paper. Include the following information, as applicable:</b>
<input checked="" type="checkbox"/> Scale and north arrow
<input checked="" type="checkbox"/> Date the site plan was created
<input checked="" type="checkbox"/> Existing subject property lot lines and dimensions
<input checked="" type="checkbox"/> Existing and proposed wastewater treatment systems and wells
<input checked="" type="checkbox"/> All buildings and all outdoor use and/or storage areas, existing and proposed, including provisions for water and sewer.
<input checked="" type="checkbox"/> All dimension and required setbacks, side yards and rear yards
<input checked="" type="checkbox"/> Location and width of all existing and proposed driveway entrances onto public and private roadways, and of all interior roads or driveways.
<input checked="" type="checkbox"/> Location and dimensions of any existing utilities, easements or rights-of-way
<input checked="" type="checkbox"/> Parking lot layout in compliance with s. <a href="#">10.102(8)</a>
<input checked="" type="checkbox"/> Proposed loading/unloading areas
<input checked="" type="checkbox"/> Zoning district boundaries in the immediate area. All districts on the property and on all neighboring properties must be clearly labeled.
<input checked="" type="checkbox"/> All relevant natural features, including navigable and non-navigable waters, floodplain boundaries, delineated wetland areas, natural drainage patterns, archeological features, and slopes over 12% grade
<input checked="" type="checkbox"/> Location and type of proposed screening, landscaping, berms or buffer areas if adjacent to a residential area
<input checked="" type="checkbox"/> Any lighting, signs, refuse dumpsters, and possible future expansion areas.

<input checked="" type="checkbox"/> <b>NEIGHBORHOOD CHARACTERISTICS. Describe existing land uses on the subject and surrounding properties.</b>
<input checked="" type="checkbox"/> Provide a brief written statement explaining the current use(s) of the property on which the rezone is proposed.
<input checked="" type="checkbox"/> Provide a brief written statement documenting the current uses of surrounding properties in the neighborhood.

<input checked="" type="checkbox"/> <b>OPERATIONAL NARRATIVE. Describe in detail the following characteristics of the operation, as applicable:</b>
<input type="checkbox"/> Hours of operation
<input checked="" type="checkbox"/> Number of employees, including both full-time equivalents and maximum number of personnel to be on the premises at any time
<input checked="" type="checkbox"/> Anticipated noise, odors, dust, soot, runoff or pollution and measures taken to mitigate impacts to neighboring properties.
<input checked="" type="checkbox"/> Descriptions of any materials stored outside and any activities, processing or other operations taking place outside an enclosed building
<input checked="" type="checkbox"/> Compliance with county stormwater and erosion control standards under <a href="#">Chapter 11</a> of <a href="#">Chapter 14</a> , Dane County Code
<input checked="" type="checkbox"/> Sanitary facilities, including adequate private onsite wastewater treatment systems and any manure storage or management plans approved by the Madison and Dane County Public Health Agency and/or the Dane County Land and Water Resources Department.
<input checked="" type="checkbox"/> Facilities for managing and removal of trash, solid waste and recyclable materials.
<input checked="" type="checkbox"/> Anticipated daily traffic, types and weights of vehicles, and any provisions, intersection or road improvements or other measures proposed to accommodate increased traffic.
<input checked="" type="checkbox"/> A listing of hazardous, toxic or explosive materials stored on site, and any spill containment, safety or pollution prevention measures taken
<input checked="" type="checkbox"/> Outdoor lighting and measures taken to mitigate light-pollution impacts to neighboring properties
<input checked="" type="checkbox"/> Signage, consistent with section <a href="#">10.800</a>

<input type="checkbox"/> <b>ADDITIONAL PROPERTY OWNERS. Provide contact information for additional property owners, if applicable.</b>	
Additional Property Owner Name(s):	
Address (Number & Street):	
Address (City, State, Zip):	
Email Address:	
Phone Number:	

JUNE 20, 2024



Rachel Holloway  
Assistant Zoning Administrator  
Dane County  
210 Martin Luther King Jr Blvd, Room 116  
Madison, WI 53703  
[Holloway.Rachel@countyofdane.com](mailto:Holloway.Rachel@countyofdane.com)  
608-266-9084

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**RE: REZONING NARRATIVE  
ALCIVIA LP TANKS IN ALBION**

Rachel,

ISG is the design firm representing Alcivia, and we are submitting a Rezoning application and supporting documents to request rezoning Parcel # 02/0512-262-9161-7 within the Town of Albion in Dane County. The subject property is vacant and currently zoned GC (General Commercial) and we are requesting to rezone it to HC (Heavy Commercial). The property owner is Alcivia as they recently closed on the property. We will also be submitted a Certified Survey Map (CSM) for the Town and County to review, which will be submitted in a few weeks to be reviewed concurrently at the Town and County public hearings.

**LEGAL DESCRIPTION**

See attached Legal Description from Schedule A of the Title Commitment completed in May 2024.

**PROPOSAL DESCRIPTION**

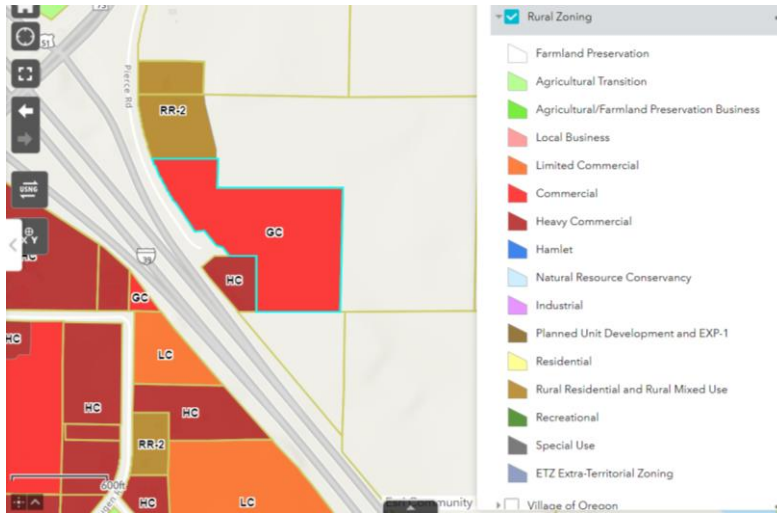
The purpose of the rezoning request to the HC district is so that Alicia can develop approximately 1 acre of the 14.55 acre site for large liquid propane tanks to serve as a storage and distribution site. The County has determined that this used would be defined as a Distribution Center, which is not permitted in the current GC zone district but is permitted in the HC zone district.

Alcivia has an existing liquid propane tanks storage/distribution center nearby in the Town of Edgerton but needs to relocate. They currently lease the property for their operation Edgerton site and the property owner has decided not to renew Alcivia's land lease as they have other future plans for the property. Thus, Alcivia is looking for a new site nearby and desires to locate on a parcel they own rather than lease.

**CONTEXTUAL ANALYSIS**

The subject site is a vacant property in the SE corner of the I-90 & Hwy 73 interchange. The propane tanks would be located on the southeast portion of the property adjacent to where Pierce Road dead-ends for ease of access to the tanks. Enclosed with the application is a conceptual site plan to show the desired development on the site.

In the Zoning Map pasted below, the site is shown as the large, red-colored parcel designated in the GC zone. The property directly adjacent to the south is a maroon color, showing it to be designated as HC zoned. The proposed rezoning to HC for the Alcivia property would be consistent with an adjacent land use/zoning designation.



The Comprehensive Plan for the Town of Albion designates the subject site as Existing and Near-Term Commercial, with Resource Protection Corridor to the north and eastern portion of the site where the wetlands are located. The proposal upholds these guided goals with locating the proposed development in the area targeted for Existing and Near-Term Commercial and keeping the remaining site vacant in its natural state.



	Resource Protection Corridors
	Commercial Reserve Overlay
	Existing and Near-Term Commercial
	Commercial Outdoor Recreation
	Residential and Resort
<b>Farmland_Preservation_Category</b>	
	Farmland Preservation

The location of this site is well suited for the proposed zoning change and use given its adjacent proximity to a highway interchange. This allows for easy truck access to/from the site to reduce and limit impacts to other properties. Also, the propane tanks will be close to the highway and well buffered from any other property from the remainder of the undeveloped portion of the site by the preservation of the wetlands areas. A detailed Site/Civil Plan package will be submitted later in the process that will address site details, any screening required (landscape etc.), lighting details and to ensure compliance with all other applicable site development codes.

## OPERATIONAL DETAILS

1. Hours of operation:
  - a. Will Vary. Generally deliveries happen between the hours of 7am – 5pm. Our transports to fill the bulk plant will vary on the season.
2. Number of employees, including both full-time equivalents and maximum number of personnel to be on the premises at any time:
  - a. There would be up to 2 drivers at one time. Pretty rare occurrence.
3. Anticipated noise, odors, dust, soot, runoff or pollution and measures taken to mitigate impacts to neighboring properties:
  - a. There is very little noise when filling the trucks. The other vacant/undeveloped areas of the site should not be an impacted, providing a substantial buffer to adjacent properties
4. Descriptions of any materials stored outside and any activities, processing or other operations taking place outside an enclosed building:
  - a. None
5. Compliance with county stormwater and erosion control standards under Chapter 11 of Chapter 14, Dane County Code.
  - a. The site grading, erosion control and stormwater details will be provided with a Site Plan application submittal. Also, we will be obtaining the necessary WPDES and County/Town permits for all stormwater and land disturbance to ensure full compliance with codes.
6. Sanitary facilities, including adequate private onsite wastewater treatment systems and any manure storage or management plans approved by the Madison and Dane County Public Health Agency and/or the Dane County Land and Water Resources Department:
  - a. N/A as there will be no additional structures. Just the bulk plant.
7. Facilities for managing and removal of trash, solid waste and recyclable materials:
  - a. Little to no waste on site. There may be one trash can to pick up any debris or garbage, which can be determined during the Site Plan review.
8. Anticipated daily traffic, types and weights of vehicles, and any provisions, intersection or road improvements or other measures proposed to accommodate increased traffic:
  - a. The transports (Semis) weigh up to 80,000 lbs. They will access the storage tanks on-site once a day in the heating season and once a week other times of the year.
  - b. The bobtails (smaller straight trucks) weigh up to 40,000 lbs. They will access the storage tanks on-site 2-3 times a day in the busy season, and twice a week in summer/fall.

9. A listing of hazardous, toxic or explosive materials stored on site, and any spill containment, safety or pollution prevention measures taken:
  - a. Propane gas will be stored on-site. No spill containment is required. Several safety measures are in place in place. There will be pneumatic valves that operate off the propane.
10. Outdoor lighting needs:
  - a. There will be up to two light poles. The light fixtures will be directed downward lighting to illuminate the fill area for trucks. Details of the light fixtures will be provided with the Site Plan package.
11. Desired Signage
  - a. There will be a sign with emergency contact information on the fencing. The storage tank closest to the interstate would have the ALCIVIA logo. We will submit for Sign Permits for all desired signage.

We look forward to working alongside the Town and County with this rezoning request and subsequent applications and permits, and appreciate your consideration and review of the submittal. Please contact me at 952.426.0699 or via email at [Andrea.Rand@ISGInc.com](mailto:Andrea.Rand@ISGInc.com) with any questions or if there is any additional information we can provide in support of this project.

Sincerely,



Andrea Rand, AICP  
Project Coordinator



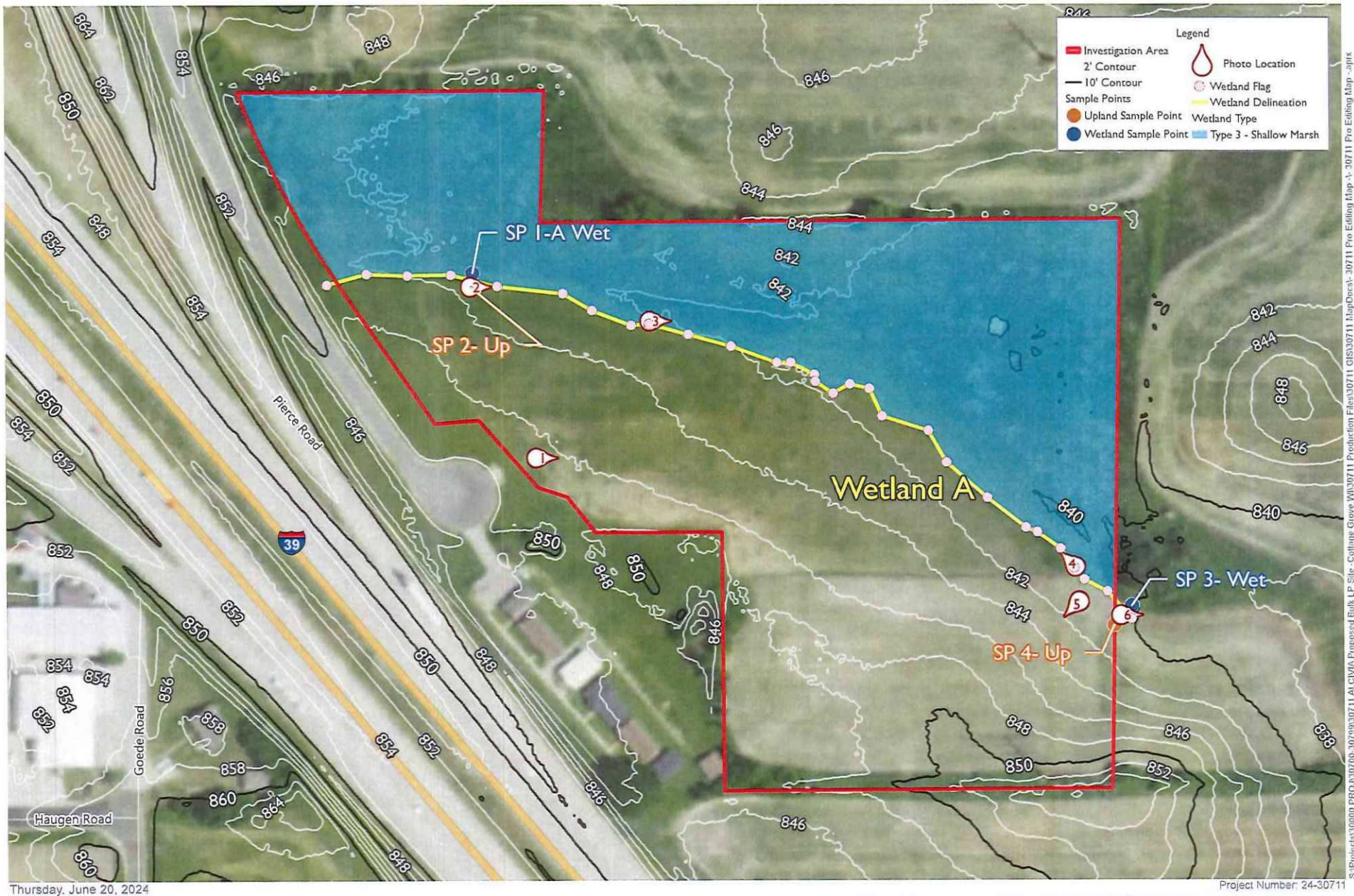
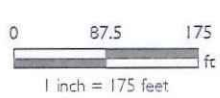


Figure 6  
 Wetland Delineation Map  
 ALCVIA LP Bulk Site  
 Edgerton, Dane County, Wisconsin



Source(s):  
 Orthophoto (FSA, 2022)  
 Wetland Delineation (ISG, 2024)  
 Contours (USGS, 2017)



S:\Project\30000\PROJ\30700\30709\30711\ALCVIA Proposed Bulk LP Site - Collage Grove\30711 Production Files\30711 GIS\30711 MapDocs\30711 Pro Editing Map-30711 Pro Editing Map.aprx

# Memorandum

Date: June 20, 2024  
 To: Hans Hilbert  
 From: Shawn Demers  
 Subject: Alcivia LP Bulk Site – Town of Albion


Stormwater calculations have been prepared to accompany the proposed development plans for the Alcivia LP Bulk Site. Stormwater management design and calculations have been completed to meet the requirements of the Dane County Stormwater Manual as well as the Wisconsin NR 151 regulations.

The existing site is currently agricultural land with a wetland to the north. Runoff curve numbers of 51 for the agricultural land, 61 for the grassland, and 98 for the paved area were used to determine existing flow rates according to the County Code.

The proposed site will consist of a gravel pad with 2 proposed and 1 future natural gas tanks in the center. Proposed stormwater management will consist of a grass filter strip at the edge of the gravel pad, grassed swales, and a filtration basin.

Calculations for peak flows were determined using HydroCAD with rainfall data from the Dane County Stormwater Manual. The 1-year, 2-year, 10-year, 100-year, and 200-year storm events were evaluated. The table below summarizes the peak flows for the existing and proposed conditions and shows that the proposed development will not produce peak flows higher than existing with the stormwater management controls as designed.

Storm Event	Existing (cfs)	Proposed Conditions (cfs)	Change vs. Existing (cfs)
1-Year	0.22	0.14	0.08
2-Year	0.30	0.14	0.16
10-Year	0.96	0.14	0.82
100-Year	3.57	1.10	2.47
200-Year	4.65	4.37	0.28

 Denotes equal to or less than existing

Calculations for water quality were completed using WinSLAMM version 10.5.0. The proposed filtration basin shows a total suspended solids (TSS) removal of 83% when compared to no controls. This meets the required 80% TSS removal for new development.

# ALCIVIA LP BULK SITE



ALBION, WISCONSIN

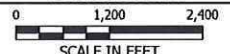
ISG PROJECT # 24-30711

## LEGEND

EXISTING	
---	CITY LIMITS
---	SECTION LINE
---	QUARTER SECTION LINE
---	RIGHT OF WAY LINE
---	PROPERTY / LOTLINE
---	EASEMENT LINE
---	ACCESS CONTROL
---	WATER EDGE
---	WETLAND BOUNDARY
---	WETLAND / MARSH
---	FENCE LINE
---	CULVERT
---	STORM SEWER
---	SANITARY SEWER
---	SANITARY SEWER FORCEMAIN
---	WATER
---	GAS
---	OVERHEAD ELECTRIC
---	UNDERGROUND ELECTRIC
---	UNDERGROUND TELEPHONE
---	UNDERGROUND TV
---	OVERHEAD UTILITY
---	UNDERGROUND UTILITY
---	UNDERGROUND FIBER OPTIC
---	CONTOUR (MAJOR)
---	CONTOUR (MINOR)
---	DECIDUOUS TREE
---	CONIFEROUS TREE
---	TREE LINE
---	MANHOLE/STRUCTURE
---	CATCH BASIN
---	HYDRANT
---	VALVE
---	CURB STOP
---	POWER POLE
---	UTILITY PEDESTAL / CABINET
PROPOSED	
---	LOT LINE
---	RIGHT OF WAY
---	EASEMENT
---	CULVERT
---	STORM SEWER
---	STORM SEWER (PIPE WIDTH)
---	SANITARY SEWER
---	SANITARY SEWER (PIPE WIDTH)
---	WATER
---	GAS
---	OVERHEAD ELECTRIC
---	UNDERGROUND ELECTRIC
---	UNDERGROUND TV
---	CONTOUR
---	MANHOLE (STORM, SANITARY)
---	CATCH BASIN
---	HYDRANT
---	VALVE



LOCATION MAP



### ABBREVIATIONS:

AC	ACRE	CMP	CORRUGATED METAL PIPE	FES	FLARED END SECTION	HWL	HIGH WATER LEVEL	MH	MANHOLE	R	RIM	THRU	THROUGH
ADA	AMERICANS WITH DISABILITIES ACT	CO	CLEANOUT	FFE	FINISHED FLOOR ELEVATION	HWY	HIGHWAY	MIN	MINIMUM	RAD	RADIUS	TINH	TOP NUT OF FIRE HYDRANT
ADD	ADDENDUM	CONC	CONCRETE	FPM	FEET PER MINUTE	HYD	HYDRANT	MISC	MISCELLANEOUS	RCP	REINFORCED CONCRETE PIPE	TRANS	TRANSFORMER
AF	ABOVE FINISHED FLOOR	CONST	CONSTRUCTION	FPS	FEET PER SECOND	I	INVERT	NO	NUMBER	RD	ROOF DRAIN	TV	TELEVISION
AGG	AGGREGATE	CONT	CONTINUOUS	FT	FOOT, FEET	ID	INSIDE DIAMETER	NTS	NOT TO SCALE	REBAR	REINFORCING BAR	T/W	TOP OF WALL
APPROX	APPROXIMATE	CY	CUBIC YARD	FTG	FOOTING	IN	INCH	NWL	NORMAL WATER LEVEL	REM	REMOVE	TYP	TYPICAL
ARCH	ARCHITECT, ARCHITECTURAL	C&G	CURB AND GUTTER	GA	GAUGE	INV	INVERT	OC	ON CENTER	ROW	RIGHT OF WAY	UT	UTILITY, UNDERGROUND
BFE	BASEMENT FLOOR ELEVATION	DEMO	DEMOLITION	GAL	GALLON	IP	IRON PIPE	OCEW	ON CENTER EACH WAY	R/W	RIGHT OF WAY	UT	UTILITY, UNDERGROUND
BIT	BITUMINOUS	DIA	DIAMETER	GALV	GALVANIZED	IPS	IRON PIPE SIZE	OH	OVERHEAD	SAN	SANITARY	VCP	VITRIFIED CLAY PIPE
BM	BENCHMARK	DIM	DIMENSION	GC	GENERAL CONTRACTOR	J-BX	JUNCTION BOX	OHD	OVERHEAD DOOR	SCH	SCHEDULE	W/O	WITHOUT
CAD	COMPUTER-AIDED DESIGN	DS	DOWNSPOUT	GFE	GARAGE FLOOR ELEVATION	JT	JOINT	OZ	OUNCE	SF	SQUARE FOOT	W/	WITH
CB	CATCH BASIN	EA	EACH	GL	GUTTER LINE	LF	LINEAR FEET	PED	PEDESTAL, PEDESTRIAN	SPEC	SPECIFICATION	YD	YARD
CFS	CUBIC FEET PER SECOND	ELEC	ELECTRICAL	GPM	GALLONS PER MINUTE	LN	LINEAR	PERF	PERFORATED	SQL	SQUARE	YR	YEAR
CF	CUBIC FOOT	ELEV	ELEVATION	GV	GATE VALVE	PS	LOW PRESSURE STEAM	PL	PROPERTY LINE	STA	STATION		
CI	CAST IRON	EOF	EMERGENCY OVERFLOW	HDPE	HIGH DENSITY POLYETHYLENE	LS	LUMP SUM	PP	POLYPROPYLENE	STM	STORM		
CIP	CAST IN PLACE CONCRETE	EQ	EQUAL	HD	HEAVY DUTY	LSO	LOWEST STRUCTURAL OPENING	PSI	POUNDS PER SQUARE INCH	SY	SQUARE YARD		
CIFC	CONTROL JOINT	EX	EXISTING	HH	HANDHOLE	MAX	MAXIMUM	PVC	POLYVINYL CHLORIDE	T/C	TOP OF CURB		
CI	CENTERLINE	FDC	FIRE DEPARTMENT CONNECTION	HORIZ	HORIZONTAL	MB	MAIL BOX	PVMT	PAVEMENT	TEL	TELEPHONE		
		FDN	FOUNDATION	HR	HOUR	MECH	MECHANICAL	QTY	QUANTITY	TEMP	TEMPORARY		

## PROJECT INDEX:

### OWNER:

ALCIVIA  
1401 LANDMARK DRIVE  
COTTAGE GROVE, WI 53527

### PROJECT LOCATION:

SEC 26-5-12 PRT SW1/4 NW1/4 CIN  
593 FT E OF W1/4 COR SEC TH  
N40GW 760GY N22DEGW 172.7 FT  
N11DEW 205.9 FT E 540 FT S 174 FT E  
773.9 FT S 763 FT W 704.9 FT TO POB  
20 ACRES EXC GSM 7703 EXC 2.022  
ACRES TO DOT IN DOC 508818

### MANAGING OFFICE:

**ISG**  
MANKATO OFFICE  
115 EAST HICKORY STREET  
SUITE 300  
MANKATO, MN 56001  
PHONE: 507.387.6651  
PROJECT MANAGER: DANIEL RUTLEDGE  
EMAIL: Daniel.Rutledge@ISGinc.com

### SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE TOWN OF ALBION STANDARD SPECIFICATIONS, CURRENT EDITION, WISCONSIN STANDARD SPECIFICATIONS, 2024 EDITION, WISCONSIN CONSTRUCTION AND MATERIALS MANUAL, CURRENT EDITION, WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES STATE PLUMBING CODE, CURRENT EDITION, AND STANDARD SPECIFICATION FOR SEWER & WATER CONSTRUCTION IN WISCONSIN, 6th EDITION, UNLESS DIRECTED OTHERWISE.

### PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 2011 ADJUSTMENT (NAD83(2011)) ON THE DANE COUNTY COORDINATE SYSTEM, IN U.S. SURVEY FEET.

**B.M. ELEVATION=XXXX.XX**

### TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN MONTH YEAR BY ISG.

## SHEET INDEX

C0-10	TITLE
C0-20	SITE DETAILS
C1-10	SWPPP NARRATIVE
C1-11	SWPPP NARRATIVE
C1-20	SWPPP DETAILS
C1-30	PRE-CONSTRUCTION SWPPP
C1-40	SWPPP
C2-10	EXISTING SITE AND REMOVAL PLAN
C3-10	OVERALL SITE PLAN
C3-11	SITE PLAN
C3-20	UTILITY PLAN
C4-10	GRADING PLAN
C5-10	SITE RESTORATION AND PLANTING PLAN
C5-20	LANDSCAPE DETAILS AND NOTES
E2-10	PHOTOMETRICS PLAN
E2-20	ELECTRICAL SITE PLAN

## PROJECT GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS, AND CLARIFICATIONS ISSUED BY ARCHITECT/ENGINEER.
- CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- THE LOCATION AND TYPE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
- THE CONTRACTOR IS TO CONTACT "DIGGERS HOTLINE" FOR UTILITY LOCATIONS A MINIMUM OF 3 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811 OR 1-800-242-8511).



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PROJECT

## ALCIVIA LP BULK SITE

ALBION WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	24-30711
FILE NAME	30711-C0-GENERAL
DRAWN BY	--
DESIGNED BY	--
REVIEWED BY	--
ORIGINAL ISSUE DATE	--/--
CLIENT PROJECT NO.	--

TITLE

## TITLE

SHEET

## C0-10

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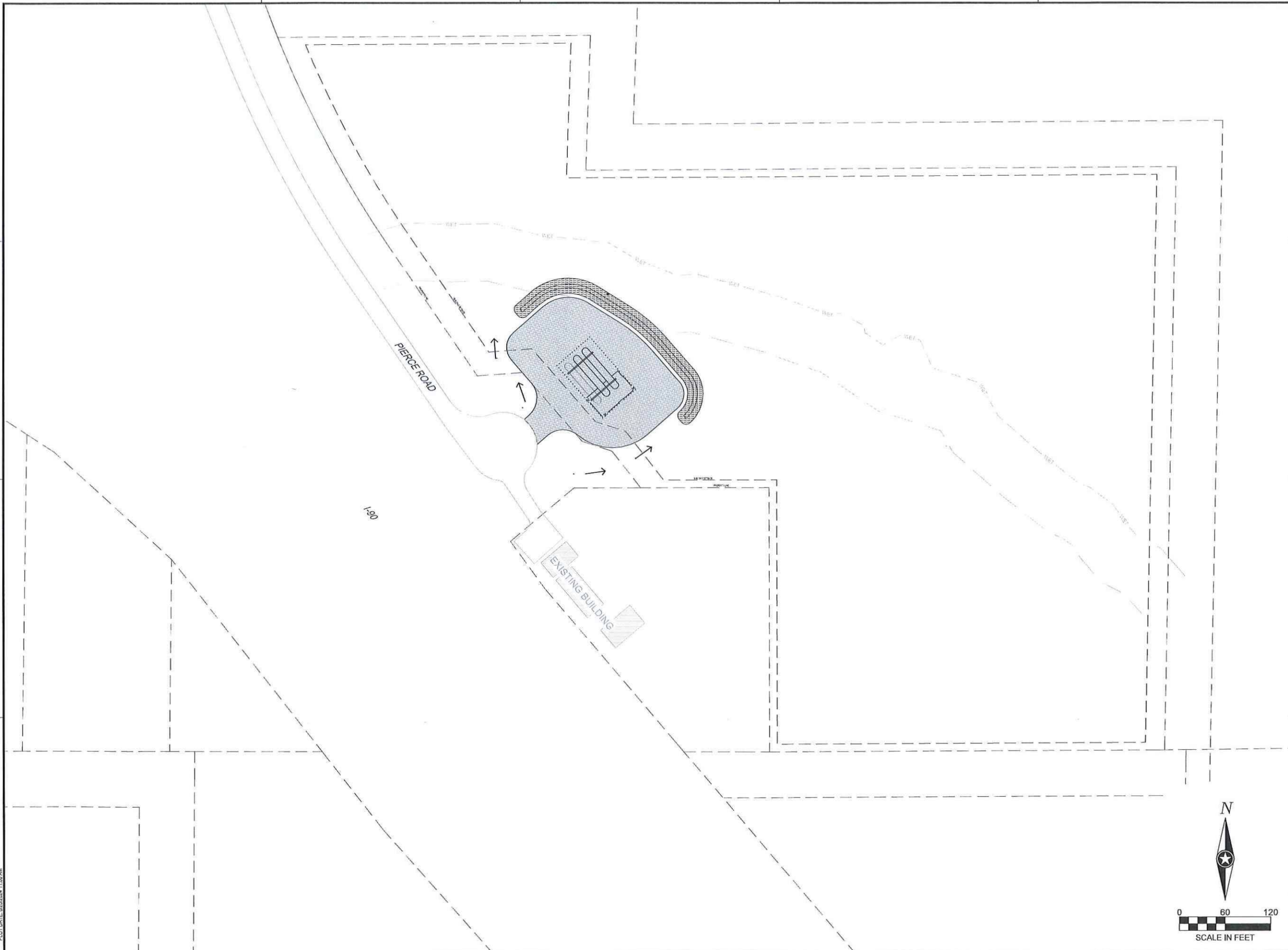
PROJECT  
**ALCIVIA  
LP BULK SITE**  
ALBION WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 24-30711  
 FILE NAME 30711-C3-SITE  
 DRAWN BY --  
 DESIGNED BY --  
 REVIEWED BY --  
 ORIGINAL ISSUE DATE --/--  
 CLIENT PROJECT NO. -

TITLE  
**OVERALL SITE  
PLAN**

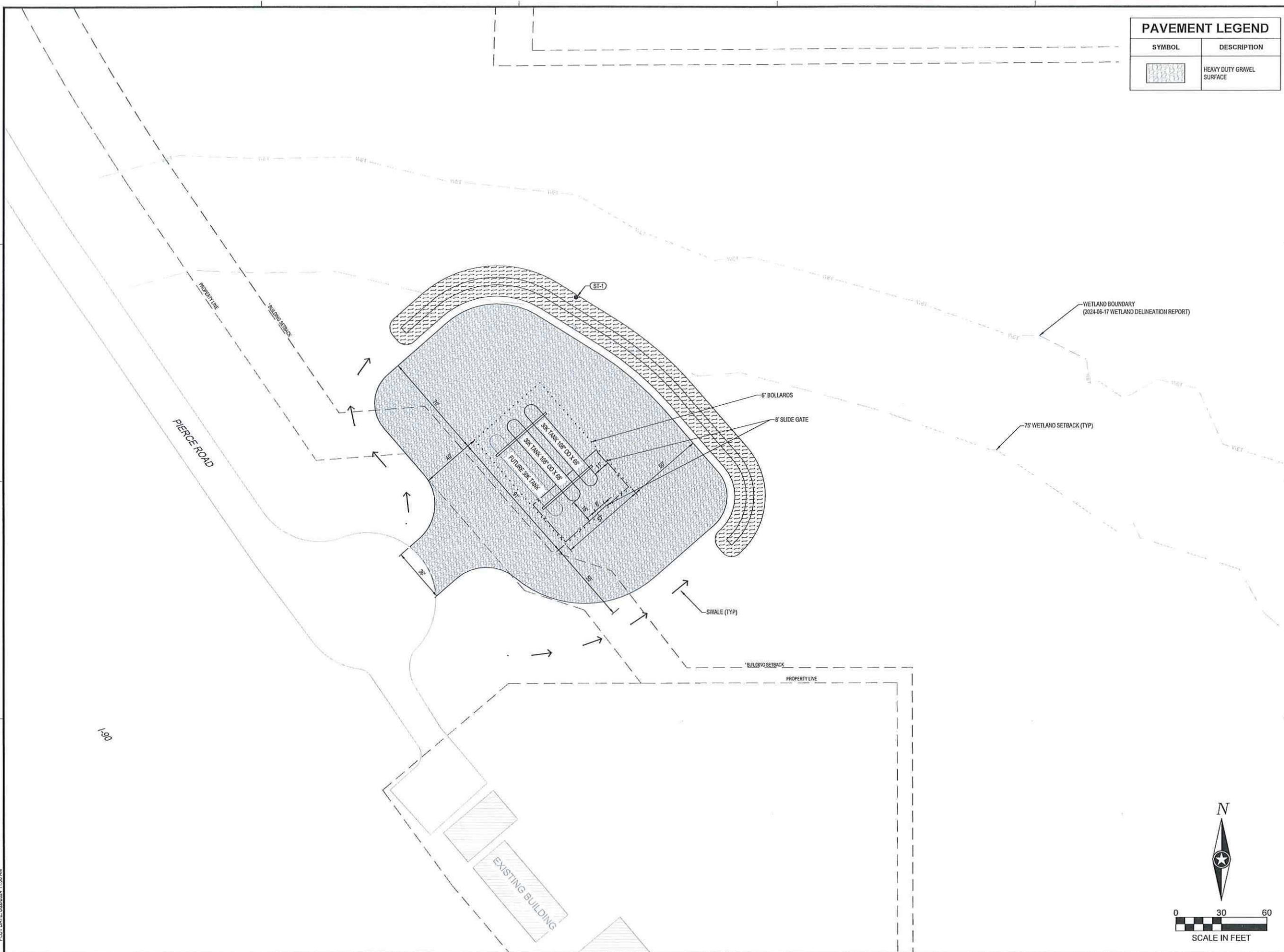
SHEET  
**C3-10**



PLOT DATE: 6/20/24 11:58 AM

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PLOT DATE: 6/20/2024 11:35 AM



PAVEMENT LEGEND	
SYMBOL	DESCRIPTION
	HEAVY DUTY GRAVEL SURFACE



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PROJECT		
<b>ALCIVIA LP BULK SITE</b>		
ALBION	WISCONSIN	
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

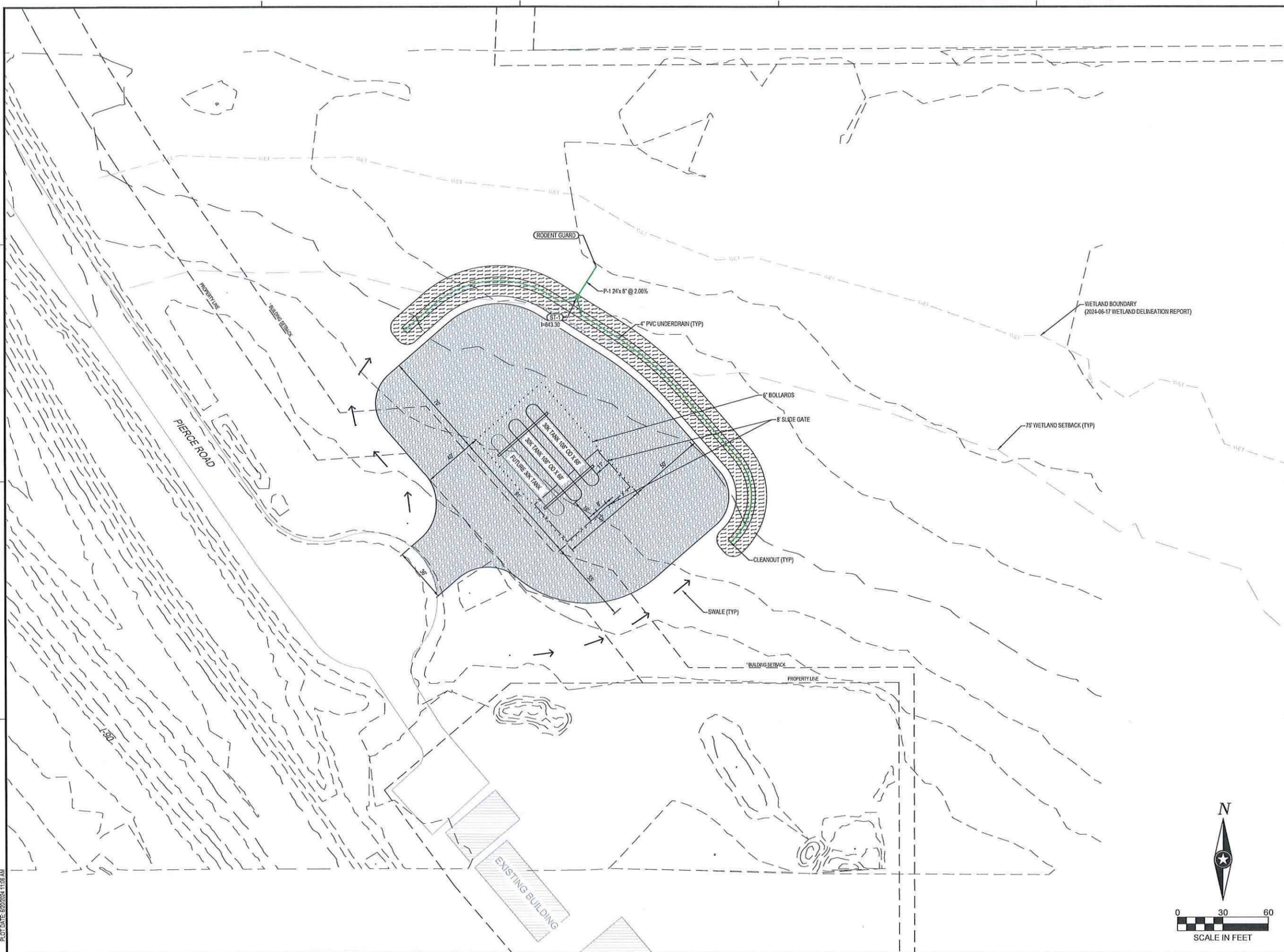
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FILE NAME	30711-C3-SITE
DRAWN BY	--
DESIGNED BY	--
REVIEWED BY	--
ORIGINAL ISSUE DATE	--/--
CLIENT PROJECT NO.	-

TITLE  
**SITE PLAN**

SHEET  
**C3-11**



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PROJECT

### ALCIVIA LP BULK SITE

ALBION WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

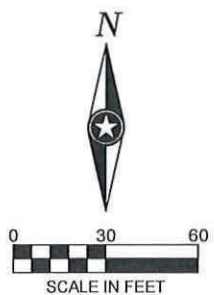
PROJECT NO.	24-30711
FILE NAME	30711-C3-UTILITY
DRAWN BY	-
DESIGNED BY	-
REVIEWED BY	-
ORIGINAL ISSUE DATE	-/-
CLIENT PROJECT NO.	-

TITLE

### UTILITY PLAN

SHEET

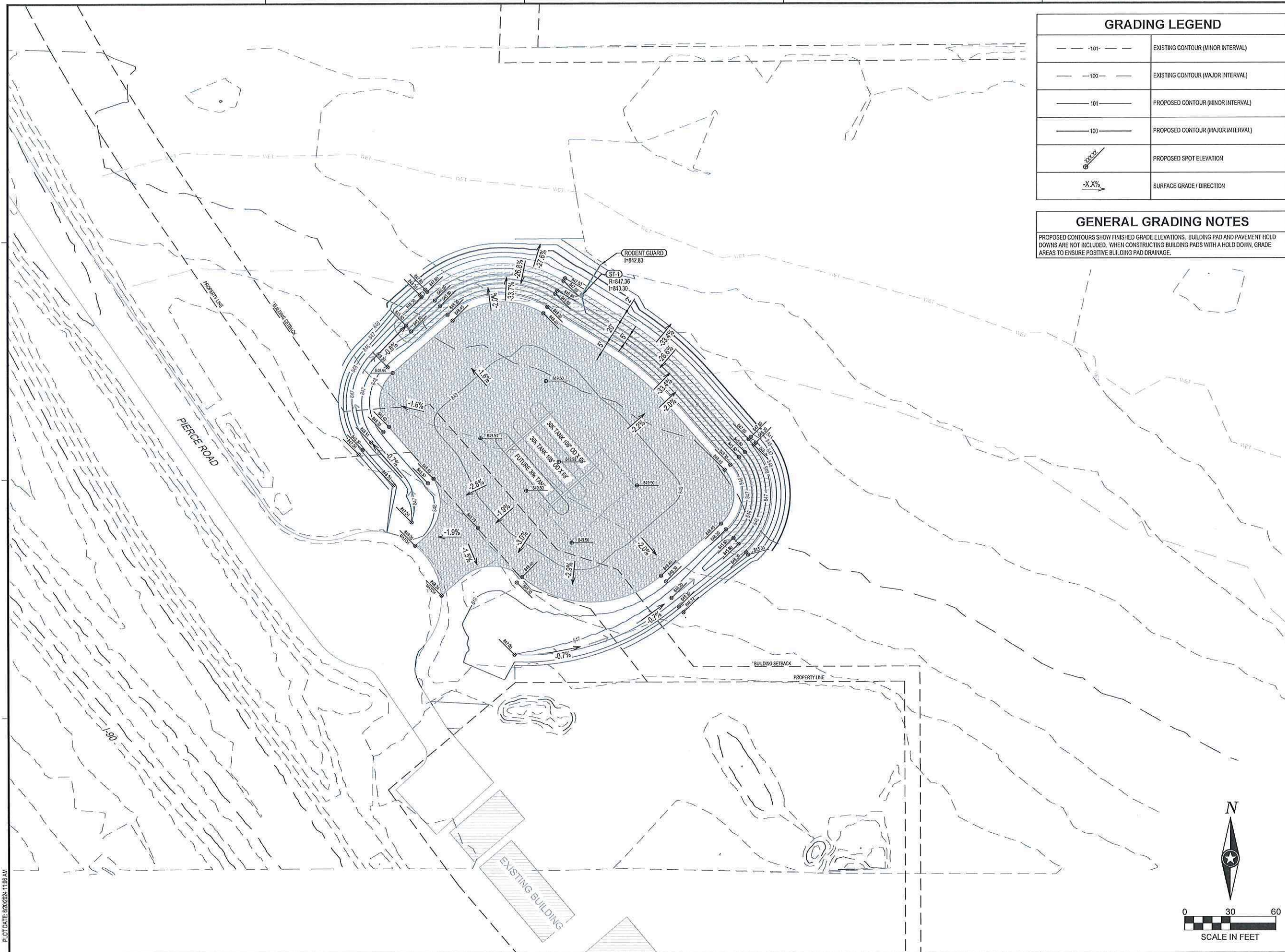
## C3-20



PLOT DATE: 6/20/2024 11:05 AM

PRELIMINARY NOT FOR CONSTRUCTION

PLOT DATE: 6/20/2024 11:56 AM



**GENERAL GRADING NOTES**  
 PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.



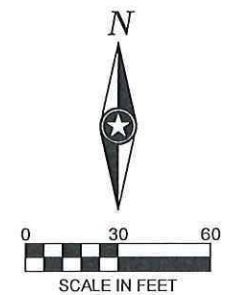
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PROJECT		
<b>ALCIVIA LP BULK SITE</b>		
ALBION		WISCONSIN
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

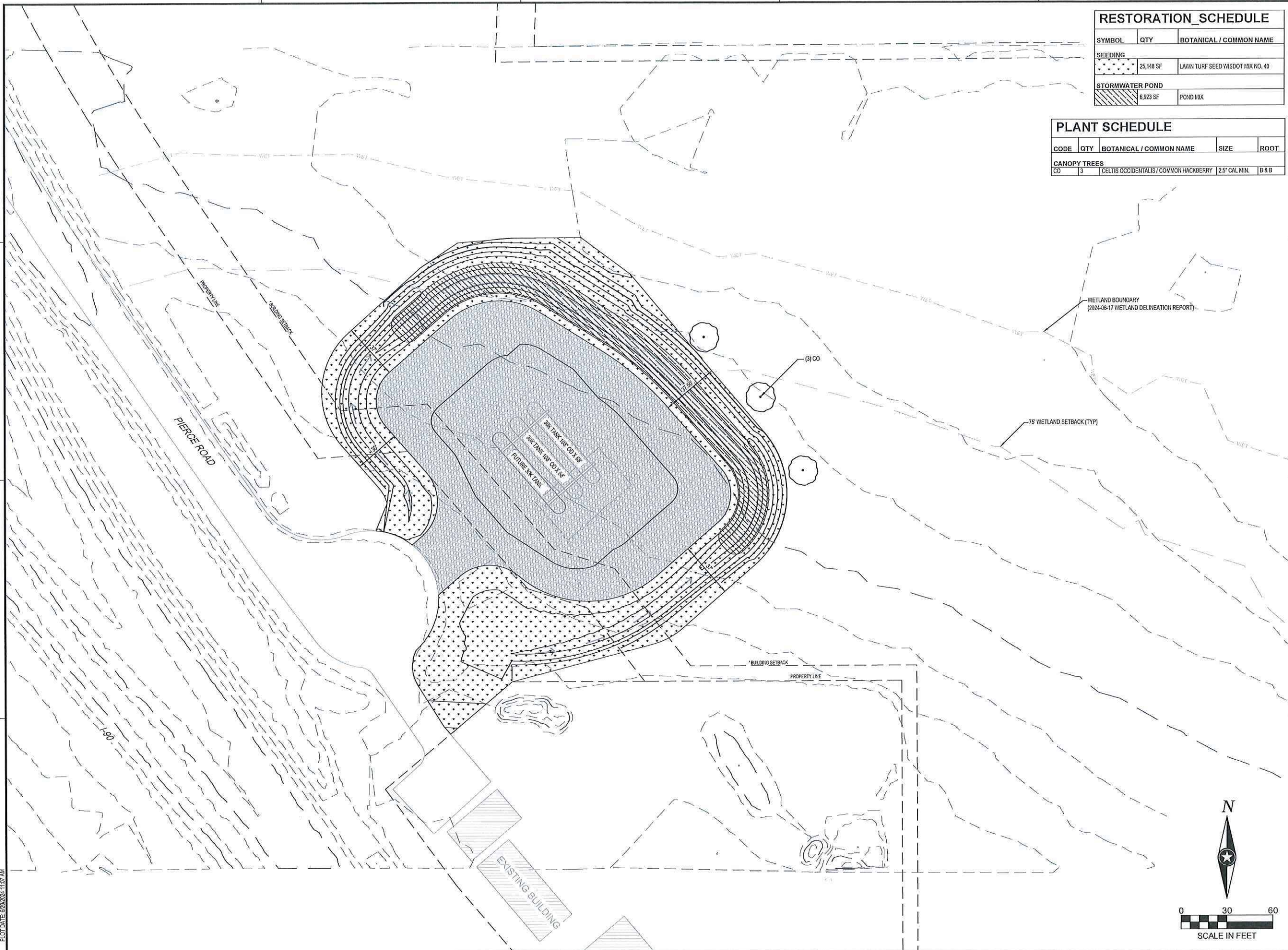
PROJECT NO.	24-30711
FILE NAME	30711-C4-GRADE
DRAWN BY	-
DESIGNED BY	-
REVIEWED BY	-
ORIGINAL ISSUE DATE	-/-
CLIENT PROJECT NO.	-

TITLE  
**GRADING PLAN**

SHEET  
**C4-10**



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RESTORATION_SCHEDULE		
SYMBOL	QTY	BOTANICAL / COMMON NAME
<b>SEEDING</b>		
	25,148 SF	LAWN TURF SEED WISDOT MIX NO. 40
<b>STORMWATER POND</b>		
	6,923 SF	POND MIX

PLANT_SCHEDULE				
CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT
<b>CANOPY TREES</b>				
CO	3	CELTIS OCCIDENTALIS / COMMON HACKBERRY	2.5' CAL. MIN.	B & B



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PROJECT

**ALCIVIA  
LP BULK SITE**

ALBION WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

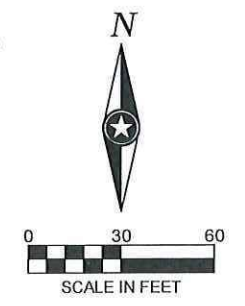
PROJECT NO. 24-30711  
 FILE NAME 30711-C5-LAND  
 DRAWN BY --  
 DESIGNED BY --  
 REVIEWED BY --  
 ORIGINAL ISSUE DATE --/--  
 CLIENT PROJECT NO. --

TITLE

**SITE  
RESTORATION  
AND PLANTING  
PLAN**

SHEET

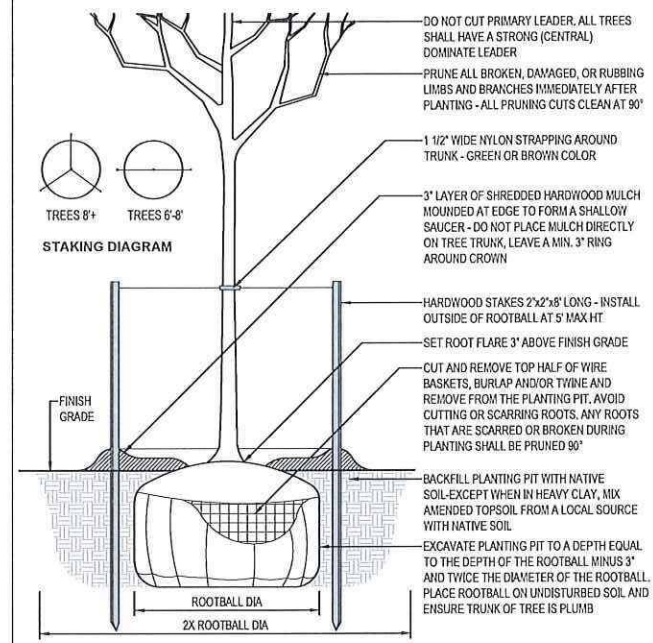
**C5-10**



PLOT DATE: 6/20/24 11:07 AM

PRELIMINARY NOT FOR CONSTRUCTION





**DECIDUOUS TREE PLANTING**  
NTS

**PLANTING NOTES**

- COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- SAVE AND PROTECT ALL EXISTING TREES NOT NOTED TO BE REMOVED.
- REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
- REFER TO PLANTING DETAILS FOR AMENDED SOIL DEPTH IN PLANTING BEDS AND SURROUNDING TREES.
- FIELD STAKE PLANTINGS ACCORDING TO PLAN. OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT LOCATIONS PRIOR TO INSTALLATION. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE PLANTING LAYOUT AT TIME OF INSTALLATION.
- ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.
- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIALS MUST CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1), LATEST EDITION PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSEYMEN, WASHINGTON D.C. LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO ANSI Z60.1.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED BY THE CONTRACTOR FREE OF CHARGE WITH THE SAME GRADE AND SPECIES.
- ALL TREES SHALL HAVE A STRONG CENTRAL LEADER. ANY TREES DEEMED NOT TO HAVE A STRONG CENTRAL LEADER SHALL BE REJECTED.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO CONSTRUCTION OPERATIONS. ANY AREAS THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE SHREDDED HARDWOOD MULCH SURROUNDING ALL PROPOSED TREES (5' Ø) TO A 3" MINIMUM DEPTH AS SHOWN IN TREE PLANTING DETAIL. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING. REFER TO PLANS FOR ADDITIONAL DETAILS. REFER TO STORMWATER DETAILS FOR BASIN CONSTRUCTION AND MULCH APPLICATION.
- MULCHING MATERIAL SHALL BE SHREDDED HARDWOOD MULCH, WITH NO INDIVIDUAL PIECES LARGER THAN 3", FREE OF GROWTH OR GERMINATION INHIBITING INGREDIENTS, 3" MINIMUM DEPTH. MINIMUM DEPTHS AT LOCATIONS INDICATED ON DRAWINGS.
- CONTRACTOR SHALL PROVIDE SAMPLE OF MULCH TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
- INDICATED QUANTITIES ARE ESTIMATES AND SHALL BE CONFIRMED BY THE CONTRACTOR.
- ADJUST SPACING OF PLANT MATERIALS AROUND ADJACENT UTILITY STRUCTURES.

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PROJECT

**ALCIVIA  
LP BULK SITE**

ALBION WISCONSIN

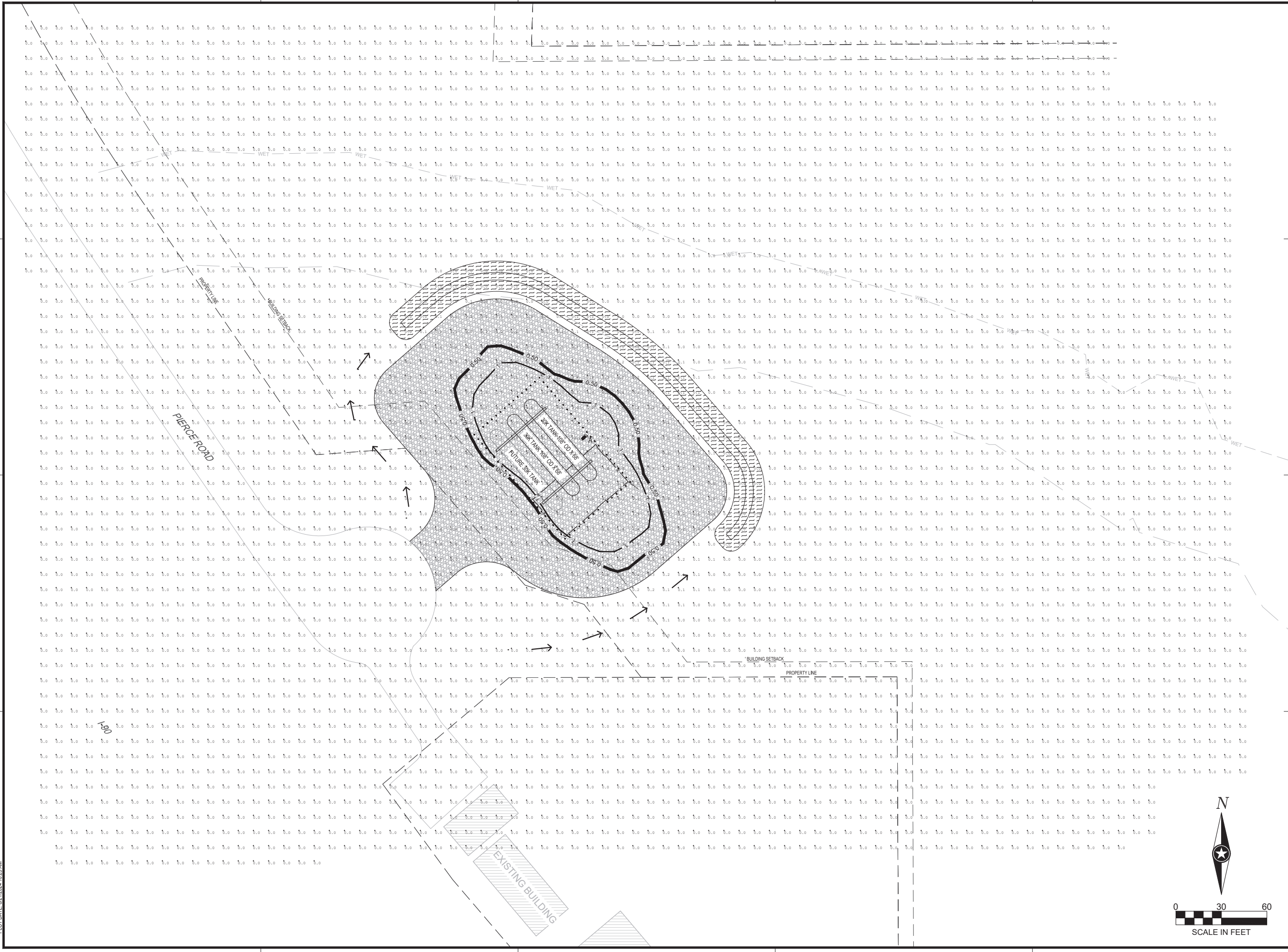
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	24-30711
FILE NAME	30711-C5-LAND
DRAWN BY	-
DESIGNED BY	-
REVIEWED BY	-
ORIGINAL ISSUE DATE	-/-/-
CLIENT PROJECT NO.	-

TITLE  
**LANDSCAPE  
DETAILS AND  
NOTES**

SHEET  
**C5-20**

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PROJECT

# ALCIVIA LP BULK SITE

ALBION WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	24-30711
FILE NAME	30711-E2-LIGHT
DRAWN BY	---
DESIGNED BY	---
REVIEWED BY	---
ORIGINAL ISSUE DATE	---/---/---
CLIENT PROJECT NO.	-

## TITLE PHOTOMETRICS PLAN

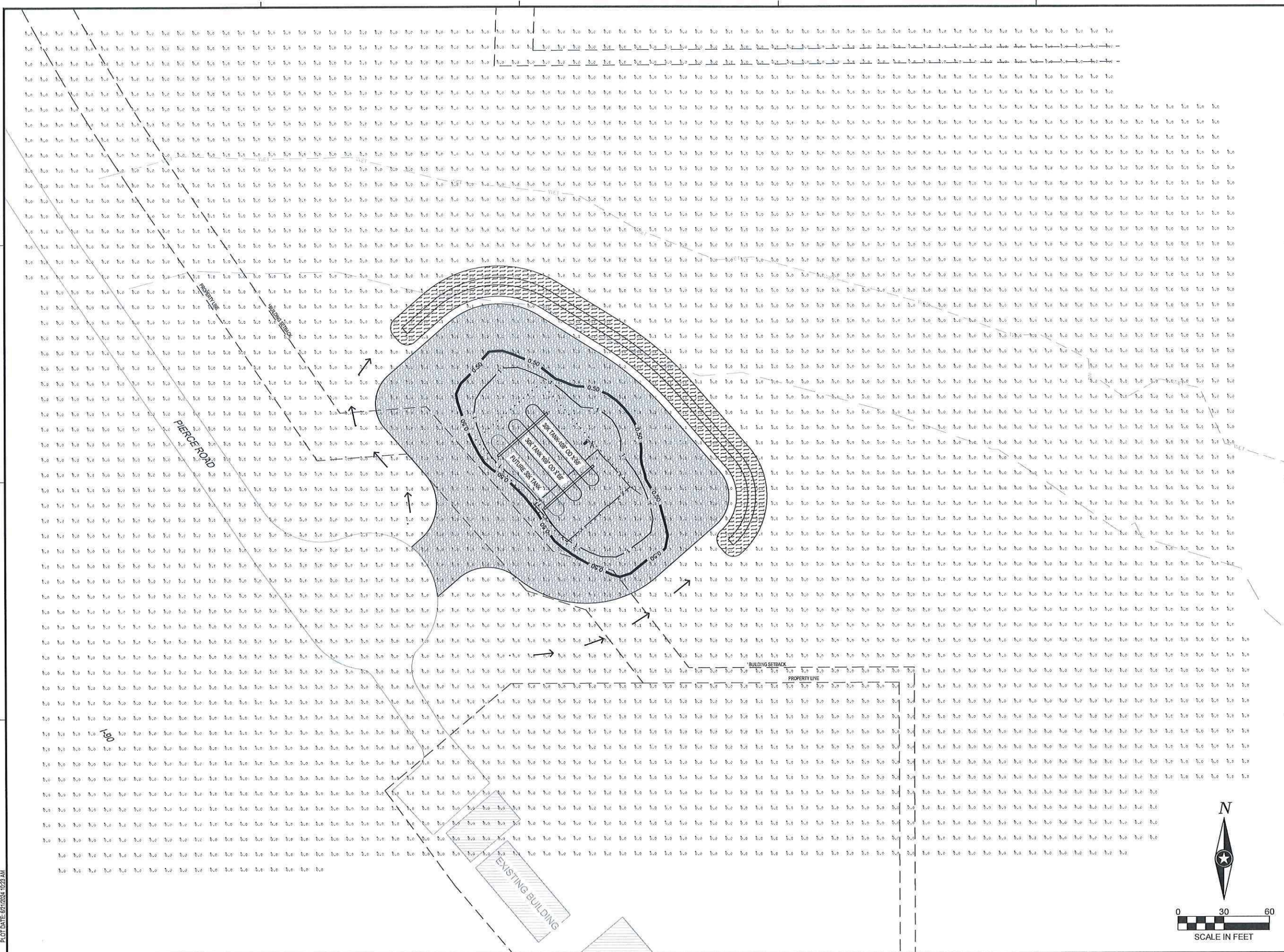
SHEET  
**E2-10**

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PLOT DATE: 6/21/2024 10:23 AM



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PROJECT

# ALCIVIA LP BULK SITE

ALBION WISCONSIN

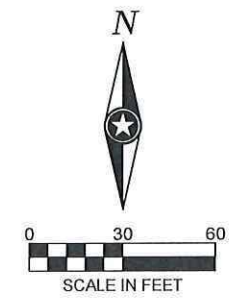
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 24-30711  
 FILE NAME 30711-E2-LIGHT  
 DRAWN BY --  
 DESIGNED BY --  
 REVIEWED BY --  
 ORIGINAL ISSUE DATE --/--/--  
 CLIENT PROJECT NO. --

TITLE

## PHOTOMETRICS PLAN

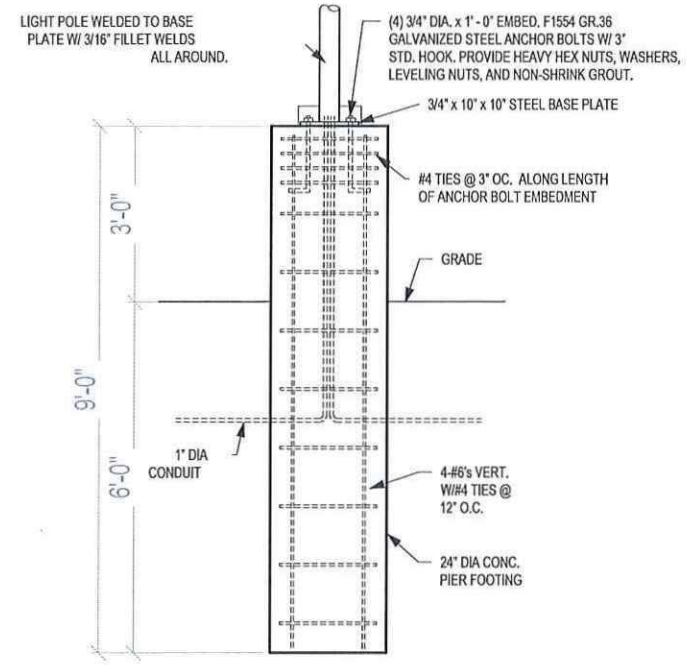
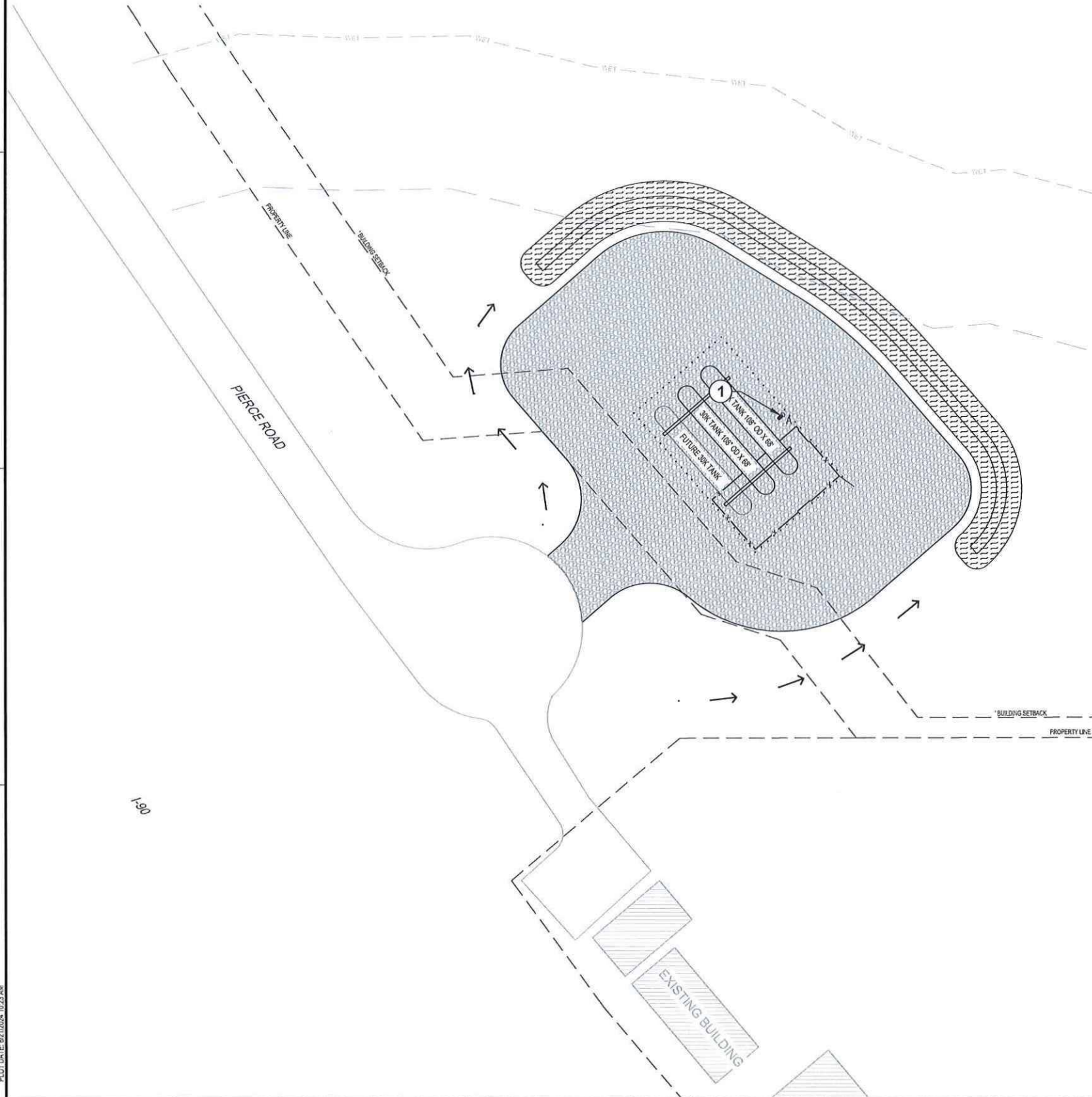
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**E2-10**



PLOT DATE: 8/21/24 10:23 AM

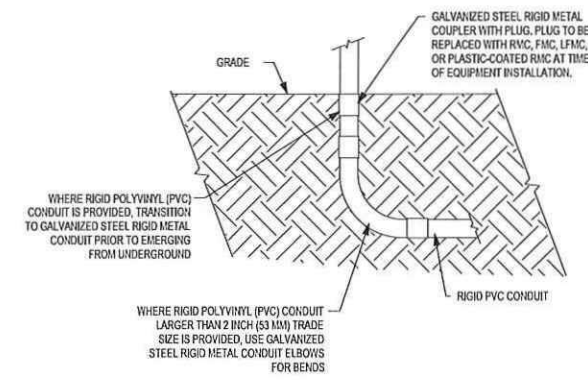
ELECTRICAL KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
①	F&I (I) 1" CONDUIT WITH 2-#12S AND A #12 GND FROM LOCAL DISTRIBUTING TO LIGHT FIXTURE.

LIGHT FIXTURE SCHEDULE					
LABEL	MANUFACTURER	DESCRIPTION	LAMP LUMENS	WATTS	REMARKS
A	LITHONIA	RSK4 P2 30K R2 MVOLT RPA PE DBLXD	41215	320	MOUNT 35'-0" ABOVE FINISHED GRADE. F&I RTS-32-7-38-DM19AS-VD-DBLXD. F&I WITH APPLICABLE FUSE OPTION. F&I WITH PHOTOCELL OPTION. F&I WITH MOTION SENSOR OPTION. F&I VD VIBRATION DAMPER & F&I BASE COVER.

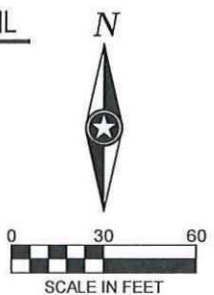


\*\* LIGHT POLE BASE INSTALLED AND PROVIDED BY ELECTRICAL CONTRACTOR

① PARKING LOT LIGHT POLE DETAIL  
N.T.S.



② PVC CONDUIT DETAIL  
N.T.S.



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PROJECT

**ALCIVIA  
LP BULK SITE**

ALBION WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	24-30711
FILE NAME	30711-E2-LIGHT
DRAWN BY	--
DESIGNED BY	--
REVIEWED BY	--
ORIGINAL ISSUE DATE	-/-/-
CLIENT PROJECT NO.	-

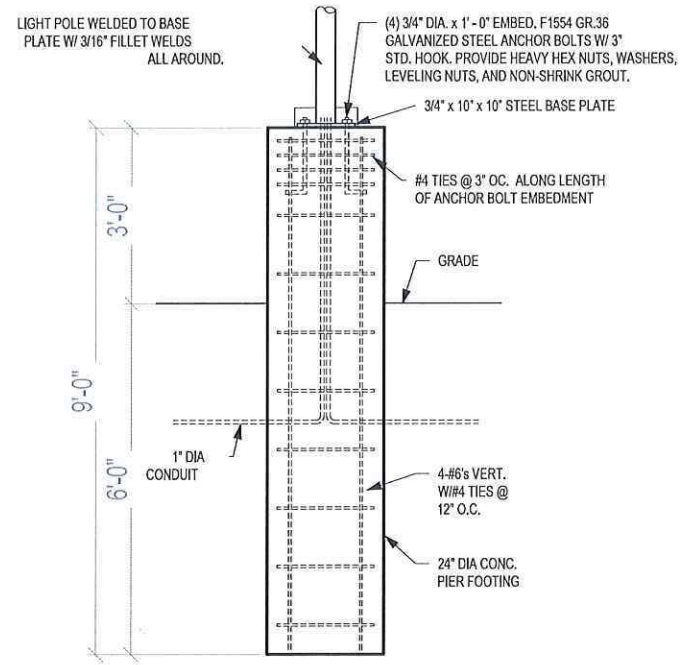
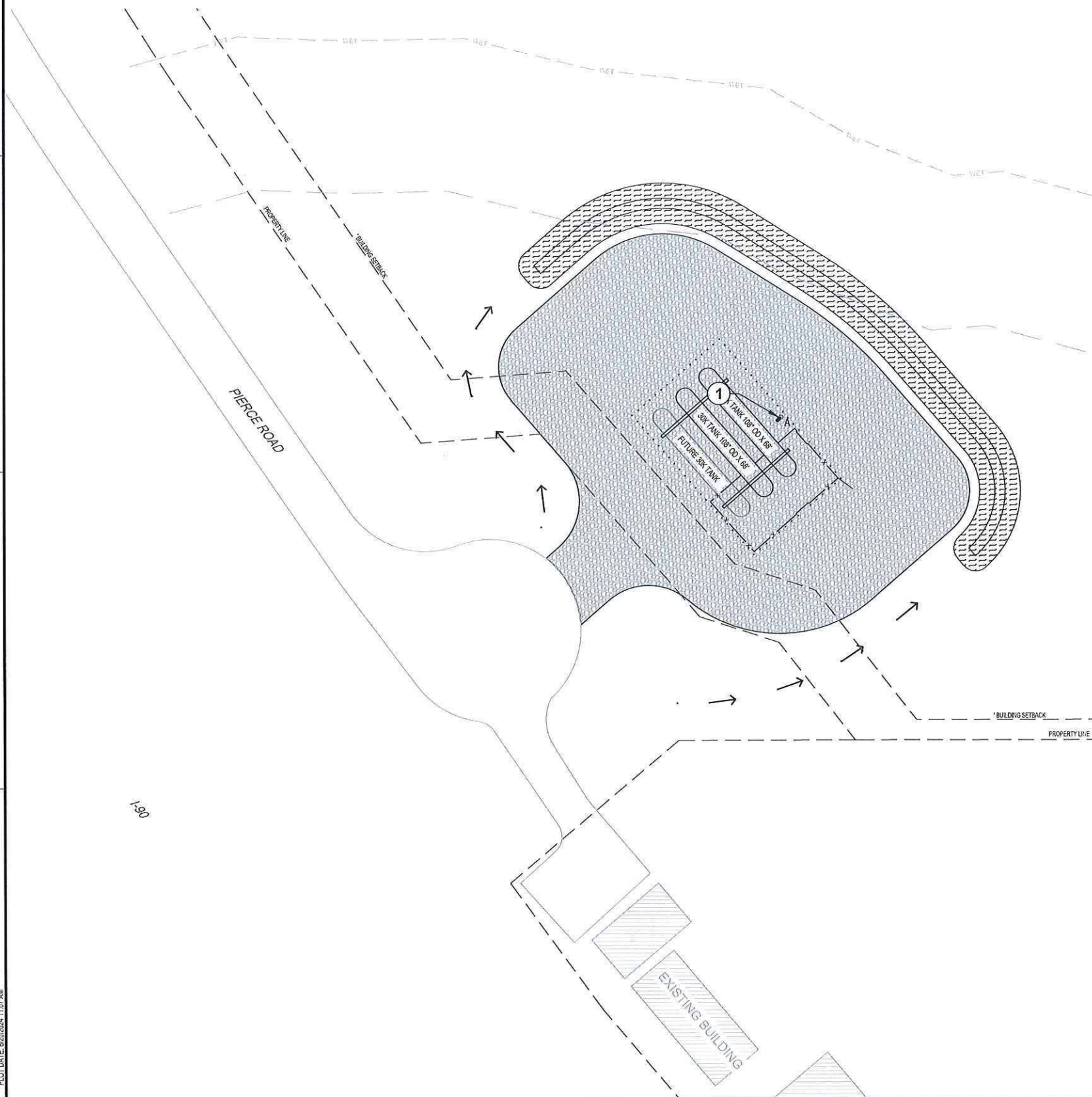
TITLE  
**ELECTRICAL SITE  
PLAN**

SHEET  
**E2-20**

PRELIMINARY NOT FOR CONSTRUCTION

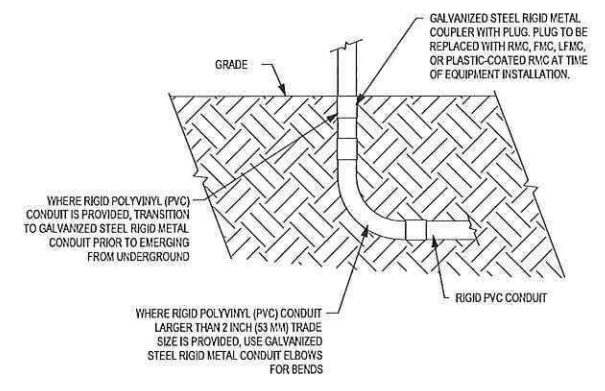
ELECTRICAL KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
①	F&I (1) 1" CONDUIT WITH 2#12S AND A #12 GND FROM LOCAL DISTRIBUTION TO LIGHT FIXTURE.

LIGHT FIXTURE SCHEDULE					
LABEL	MANUFACTURER	DESCRIPTION	LAMP LUMENS	WATTS	REMARKS
A	LITHOVIA	RSX4 P2 30K R2 11VOLT RPA PE DBLX	41215	320	MOUNT 35'-0" ABOVE FINISHED GRADE. F&I RTS-32-6-68-DM19AS-VD-DBLX. F&I WITH APPLICABLE FUSE OPTION. F&I WITH PHOTOCELL OPTION. F&I WITH MOTION SENSOR OPTION. F&I VD VIBRATION DAMPER & F&I BASE COVER.

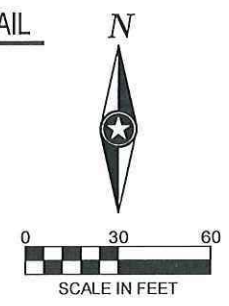


\*\* LIGHT POLE BASE INSTALLED AND PROVIDED BY ELECTRICAL CONTRACTOR

**1** PARKING LOT LIGHT POLE DETAIL  
N.T.S.



**2** PVC CONDUIT DETAIL  
N.T.S.



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PROJECT

**ALCIVIA  
LP BULK SITE**

ALBION WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	24-30711
FILE NAME	30711-E2-LIGHT
DRAWN BY	--
DESIGNED BY	--
REVIEWED BY	--
ORIGINAL ISSUE DATE	-/-
CLIENT PROJECT NO.	-

TITLE  
**ELECTRICAL SITE  
PLAN**

SHEET  
**E2-20**

PRELIMINARY NOT FOR CONSTRUCTION

Catalog Number
Notes
Type

## FEATURES & SPECIFICATIONS

**INTENDED USE** — These specifications are for USA standards only. RTS poles are not to be utilized for Sportlighting applications requiring use of crossarms to mount luminaires. SPRTS series poles are the correct pole type for Sportlighting projects and are designed to be configured as a complete assembly with the desired crossarm(s) incorporated within the pole nomenclature description.

**CONSTRUCTION** —

**Pole Shaft:** The pole shaft is of 11-gauge (0.120"), 7-gauge (0.179") or, 3-gauge (0.239") with a uniform wall thickness and is made of a weldable-grade (ASTM A-595 Grade A or A572 Grade 55), hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi. Shaft is one-piece construction with a full-length longitudinal high-frequency electric resistance weld and round in cross-section having a uniform linear taper of 0.14" per foot.

**Pole Top:** Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable steel top cap with set screws.

**Handhole:** A reinforced handhole with grounding provision is provided at 18" from the base end of the pole assembly on side A. Every handhole includes a cover and cover attachment hardware. 3" x 5" rectangular handhole is provided on pole with 5.9" diameter. Pole shaft with diameters greater than 5.9" are provided with a 4" x 6.5" oval shaped handhole.

**Base Cover:** A two-piece ABS plastic full base cover is provided with each pole assembly on pole shaft diameters of 9" or less. Shaft sized greater than 9" have a sheet steel two-piece base cover. Additional base cover options are available upon factory request. Bolt cover caps can be substituted on most pole shaft sizes. Options include heavy duty two-piece cast aluminum full base cover and bolt cover caps. All base covers and bolt cover caps are finished to match pole.

**Anchor Base/Bolts:** Anchor base is fabricated from hot-rolled carbon steel plate that conforms with ASTM A36. Anchor bolts are manufactured to ASTM F1554 Standards Grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Upper portion of anchor bolt is galvanized per ASTM A-153; bolts have an "L" bend on bottom end and are galvanized a minimum of 12" on the threaded end. Each hot-dipped galvanized anchor bolt is furnished with two hex nuts and two flat washers.

**HARDWARE** — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel, or stainless steel.

**FINISH** — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

**GOVERNMENT PROCUREMENT** —

**BAA** – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

**BABA** – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**INSTALLATION** — 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.

**WARRANTY** — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



Anchor Base Poles

# RTS

ROUND TAPERED STEEL



# RTS Round Tapered Steel Poles

## ORDERING INFORMATION

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

**Example:** RTS 30 6-6B DM19 DDBXD

RTS					
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness <sup>1</sup>	Mounting <sup>2</sup>	Options	Finish
<b>RTS</b>	20'-50' (for 1/2 ft increments, add -6 to the pole height. <b>Ex:</b> 20-6 equals 20ft 6in.)  (See technical information table for complete ordering information.)	5-9B 5.9" 11g (.120") 6-5B 6.5" 11g (.120") <b>6-6B 6.6" 11g (.120")</b> 7-0B 7.0" 11g (.120") 7-0F 7.0" 7g (.179") 7-3B 7.3" 11g (.120") 7-8B 7.8" 11g (.120") 8-0B 8.0" 11g (.120") 8-0F 8.0" 7g (.179") 8-5B 8.5" 11g (.120") 9-0B 9.0" 11g (.120") 9-0F 9.0" 7g (.179") 9-5B 9.5" 11g (.120") 10-0B 10.0" 11g (.120") 10-0F 10.0" 7g (.179") 11-0F 11.0" 7g (.179") 13-0F 13.0" 7g (.179") 13-0M 13.0" 3g (.239")  (See technical information table for complete ordering information.)	Tenon mounting PT Open top T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) <u>CSX/DSX/RSX/AERIS™/OMERO™/KAX Drill mounting<sup>3</sup></u> <b>DM19AS 1 at 90°</b> DM28AS 2 at 180° DM28AS PL 2 at 180° with one side plugged DM29AS 2 at 90° DM32AS 3 at 120° DM39AS 3 at 90° DM49AS 4 at 90° <u>RAD drill mounting<sup>3,4</sup></u> DM19RAD 1 at 90° DM28RAD 2 at 180° DM29RAD 2 at 90° DM32RAD 3 at 120° DM39RAD 3 at 90° DM49RAD 4 at 90° <u>ESX Drill mounting<sup>3</sup></u> DM19ESX 1 at 90° DM28ESX 2 at 180° DM29ESX 2 at 90° DM32ESX 3 at 120° DM39ESX 3 at 90° DM49ESX 4 at 90° <u>Cross arm mounting</u> CRx <u>Tubular cross arm</u> Welded mount plate for tubular crossarm (specify x for 2-8 fixtures)  ACRx <u>Angle iron cross arm</u> Welded mount plate for angle iron crossarm (specify x for 2-6 fixtures)	Shipped installed <b>VD</b> <b>Vibration damper</b> HAxy Horizontal arm bracket (1 fixture) <sup>5,6</sup> FDLxy Festoon outlet less electrical <sup>5,7</sup> CPL12/xy 1/2" coupling <sup>5</sup> CPL34/xy 3/4" coupling <sup>5</sup> CPL1/xy 1" coupling <sup>5</sup> NPL12/xy 1/2" threaded nipple <sup>5</sup> NPL34/xy 3/4" threaded nipple <sup>5</sup> NPL1/xy 1" threaded nipple <sup>5</sup> EHHxy Extra handhole <sup>5,8</sup> FBCSTL2PC 2 Piece steel base cover (standard is plastic) <sup>9</sup>  IC Interior coating <sup>10</sup> L/AB Less anchor bolts (Include when anchor bolts are not needed)  TP Tamper resistant handhole cover fasteners  NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)  UL UL listed with label (Includes NEC compliant cover)  BAA Buy America(n) Act Compliant <sup>11</sup>  VM/original order# Match pole to prior order or project <sup>12</sup>	Super durable paint colors DDBXD Dark bronze <b>DBLXD Black</b> DNAXD Natural aluminum DWHXD White DSSXD Sandstone DGCXD Charcoal gray DTGXD Tennis green DBRXD Bright red DSBXD Steel blue DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white <u>Other finishes</u> GALV Galvanized finish <u>Architectural colors and special finishes<sup>13</sup></u> [PAINT] GALV Paint over galvanizing VP30 3 year warranty extension VP53 5 year warranty extension RAL#### Use designated Lithonia Lighting nomenclature in <a href="#">brochure</a>  Custom color Nomenclature assigned through Customer Care "Custom Color Process"

Accessories: Order as separate catalog number.	
PL DT20	Plugs for ESX drillings
PL DT8	Plugs for DMxxAS drillings
FVD xxFT	Field installed vibration damper (snake style)

## NOTES:

- Wall thickness will be signified with a "B" (11 Gauge) or a "F" (7-gauge) in nomenclature. "B" - 0.1196" | "F" - 0.1793".
- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling option/tenon option. The combination includes a required extra handhole.  
*Example: DM28/T20.*
- Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
- DM19RAD, DM28RAD and DM32RAD require a minimum top O.D. of 4".  
DM29RAD, DM39RAD and DM49RAD require a minimum top O.D. of 4.25".
- Specify location and orientation when ordering option.  
**For "x":** Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".  
*Example: 5ft = 5 and 20ft 3in = 20-3*  
**For "y":** Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.  
*Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C*
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxy.  
*Example: HA20BD.*
- FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
- Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
- Plastic base covers come standard with all poles. Items ship separately. Additional parts can be ordered as replacements.
- Provides enhanced corrosion resistance. N/A with GALV.
- Use when mill certifications are required.
- Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders.  
*Example: VM/010-36784*
- Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.

# RTS Round Tapered Steel Poles

TECHNICAL INFORMATION — EPA (ft <sup>2</sup> ) with 1.3 gust											
Catalog number	Nominal shaft length (ft.)*	Pole shaft size (base in. x top in. x ft.)	Wall thickness (in.)	Gauge	80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	Approx. ship weight (lbs.)
RTS 20 5-9B	20	5.9 x 3.1 x 20	0.120	11	19.3	482	15.1	377	12.2	305	140
RTS 20 6-5B	20	6.5 x 3.7 x 20	0.120	11	24.2	605	19.3	482	15.6	390	160
RTS 25 5-9B	25	5.9 x 2.4 x 25	0.120	11	12.5	312	9.9	247	8	200	155
RTS 25 7-0B	25	7.0 x 3.5 x 25	0.120	11	20.3	507	16.2	405	13.1	327	200
RTS 25 7-0F	25	7.0 x 3.5 x 25	0.179	7	30.5	760	24	625	19.8	495	280
RTS 30 6-6B	30	6.6 x 2.4 x 30	0.120	11	11.7	292	9.3	232	7.5	187	200
RTS 30 8-0B	30	8.0 x 3.8 x 30	0.120	11	18.9	473	14.9	373	12	300	265
RTS 30 8-0F	30	8.0 x 3.8 x 30	0.179	7	33.5	838	27	675	22	550	380
<b>RTS 35 7-3B</b>	<b>35</b>	<b>7.3 x 2.4 x 35</b>	<b>0.120</b>	<b>11</b>	<b>11.2</b>	<b>280</b>	<b>8.9</b>	<b>222</b>	<b>7.1</b>	<b>177</b>	<b>250</b>
RTS 35 8-5B	35	8.5 x 3.6 x 35	0.120	11	18.9	472	15.1	377	12.2	305	315
RTS 35 9-5B	35	9.5 x 4.6 x 35	0.120	11	23.2	580	18.2	455	14.5	363	370
RTS 39 7-8B	39	7.8 x 2.4 x 39	0.120	11	10.7	267	8.5	212	6.6	165	285
RTS 39 9-0B	39	9.0 x 3.6 x 39	0.120	11	17.2	430	13.5	338	10.8	270	355
RTS 39 9-0F	39	9.0 x 3.6 x 39	0.179	7	28.5	715	23	575	19	475	515
RTS 45 10-0B	45	10.0 x 3.7 x 45	0.120	11	17.4	435	13.5	338	10.6	265	450
RTS 45 10-0F	45	10.0 x 3.7 x 45	0.179	7	28.5	715	23	575	19	475	650
RTS 50 10-0B	50	10.0 x 3.0 x 50	0.120	11	13.2	330	10.6	265	8.3	208	475
RTS 50 10-0F	50	10.0 x 3.0 x 50	0.179	7	20.5	512	16.5	412	13.6	340	680
RTS 50 11-0F	50	11.0 x 3.0 x 50	0.179	7	29.9	748	23.5	588	18.6	465	812
RTS 50 13-0F	50	13.0 x 6.0 x 50	0.179	7	50.4	1260	39.7	992	31.4	785	
RTS 50 13-0M	50	13.0 x 6.0 x 50	0.239	3	69.2	1730	55	1375	44.2	1105	

NOTE: EPA values are based ASCE 7-93 wind map.  
\*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

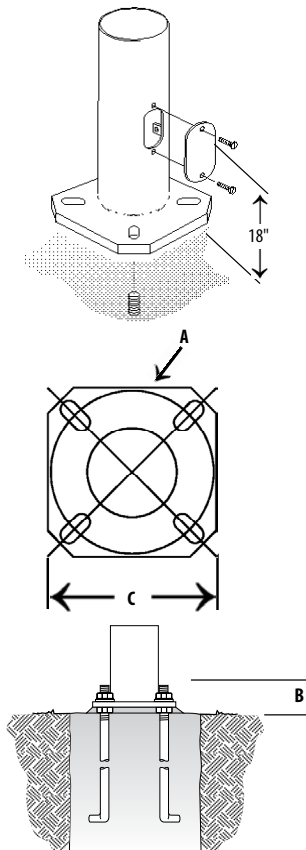
TECHNICAL INFORMATION — EPA (ft <sup>2</sup> ) WITH 3-SECOND GUST PER AASHTO 2013																	
Series	Mounting height (ft.)*	Shaft base size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approx. ship weight (lbs.)
RTS	20	5-9B	18	400	14.5	363	12	300	10	250	8.5	213	7	175	6	150	140
RTS	20	6-5B	22	550	18	450	15	375	13	325	11	275	9.5	238	8	200	160
RTS	25	5-9B	13	200	10.5	200	8.5	200	7	175	5.5	138	4.5	113	4	100	155
RTS	25	7-0B	19	475	16	400	13	325	11	275	9	225	8	200	7	175	200
RTS	25	7-0F	21	525	17	425	14	350	11.5	288	9.5	238	8.5	213	7	175	280
RTS	30	6-6B	12.5	200	10	200	7.5	188	6.5	163	5.5	138	4.5	113	3.5	88	200
RTS	30	8-0B	17.5	438	14	350	11.5	288	9.5	238	8	200	6.5	163	5.5	138	265
RTS	30	8-0F	30	750	24.5	613	20.5	513	17.5	438	15	375	12.5	313	11	275	380
RTS	35	7-3B	12	188	9.5	188	7.5	188	6	150	5	125	4	100	3.5	88	250
RTS	35	8-5B	14	350	11	275	9	225	7	175	6	150	5	125	4	100	315
RTS	35	9-5B	16.5	413	13.5	338	11	275	9	225	7.5	188	6	150	5	125	370
RTS	39	7-8B	11.5	188	9	188	6.5	163	5	125	4	100	3	75	2.5	63	285
RTS	39	9-0B	13	325	10	250	8	200	6.5	163	5	125	4	100	3.5	88	355
RTS	39	9-0F	24	600	19.5	488	16	400	13	325	11	275	9.5	238	8	200	515
RTS	45	10-0B	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	2	50	450
RTS	45	10-0F	20.5	513	16	400	13	325	10.5	263	9	225	7.5	188	6	150	650
RTS	50	10-0B	7.5	188	5.5	138	4	100	2.5	63	1.5	38	1	25	0.5	13	475
RTS	50	10-0F	17.5	413	13	325	10.5	263	8	200	6.5	163	5	125	4	100	680
RTS	50	11-0F	19	475	15	375	12	300	10	250	8	200	6.5	163	5	125	812

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).  
\*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.



# RTS Round Tapered Steel Poles

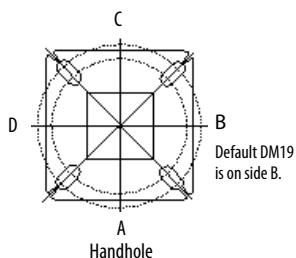
## BASE DETAIL



## ANCHORAGE AND TEMPLATE INFORMATION

Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Bolt size (in. x in. x in.)
5.9"	9"	4.13"	10"	ABTEMPLATE PJ50075	AB36-0	1 x 36 x 4
6.5"	9.5"	4.13"	10.5"	ABTEMPLATE PJ50074	AB36-0	1 x 36 x 4
6.6"	9.5"	4.13"	10.5"	ABTEMPLATE PJ50078	AB36-0	1 x 36 x 4
7" B	10"	4.13"	10.88"	ABTEMPLATE PJ50077	AB36-0	1 x 36 x 4
7" F	10"	4.25"	10.88"	ABTEMPLATE PJ50076	AB36-0	1 x 36 x 4
7.3"	10.5"	4.13"	11.25"	ABTEMPLATE PJ50081	AB36-0	1 x 36 x 4
7.8"	11"	4.13"	11.5"	ABTEMPLATE PJ50084	AB36-0	1 x 36 x 4
8" B	11"	4.13"	11.5"	ABTEMPLATE PJ50079	AB36-0	1 x 36 x 4
8" F	11"	4.25"	11.5"	ABTEMPLATE PJ50080	AB42-0	1-1/4 x 42 x 6
8.5"	11.5"	4.25"	12"	ABTEMPLATE PJ50082	AB36-0	1 x 36 x 4
9" B	12.5"	4.25"	12.38"	ABTEMPLATE PJ50085	AB36-0	1 x 36 x 4
9" F	12.5"	5"	12.38"	ABTEMPLATE PJ50086	AB42-0	1-1/4 x 42 x 6
9.5"	13"	4.25"	13"	ABTEMPLATE PJ50083	AB36-0	1 x 36 x 4
10" B	13.5"	4.25"	14"	ABTEMPLATE PJ50087	AB36-0	1 x 36 x 4
10" F	13.5"	5"	14"	ABTEMPLATE PJ50088	AB42-0	1-1/4 x 42 x 6
11"	15"	5.25"	16.5"	ABTEMPLATE PJ50089	AB42-0	1-1/4 x 42 x 6
13" F	17"	5.75"	18"	ABTEMPLATE MANUFACTURER SUPPLIED	AB54-0	1-1/4 x 54 x 6
13" M	17.5"	6.5"	18.5"	ABTEMPLATE MANUFACTURER SUPPLIED	AB84-0	1-3/4 x 84 x 6

## HANDHOLE ORIENTATION



### IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia 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.
- Bolt circles have +/- 1/2" tolerance.
- For poles larger than 10" consult factory.
- Lithonia Lighting is not responsible for the foundation design.

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



# RSX4 LED Area Luminaire

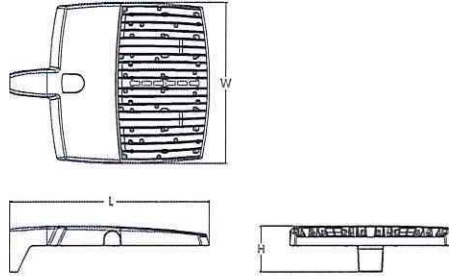


Catalog Number
Notes
Type

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

## Specifications

EPA (ft <sup>2</sup> @0°):	0.69 ft <sup>2</sup> (0.07 m <sup>2</sup> )
Length:	30.9" (78.5 cm) (SPA mount)
Width:	25.0" (63.5 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight (max):	65 lbs (29.5 kg)



## Introduction

The new RSX4 LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX4 delivers 40,000 to 70,000 lumens allowing it to replace up to (2) 1000W HID luminaires.

The RSX4 features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect). \*See ordering tree for details

ds Design Select options indicated by this color background.

## Ordering Information

EXAMPLE: RSX4 LED P6 40K R3 MVOLT SPA DDBXD

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX4 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) <sup>2</sup>	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90° and 2 at 180°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) <sup>3</sup>	RPA Round pole mounting (3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) <sup>4</sup>	ESPA Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°. Requires 3.0" min. square pole for 1 at 90°. <sup>5</sup>
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	ERPA Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°. <sup>5</sup>
	P5		R4S Type 4 Short	120 <sup>3</sup> 277 <sup>5</sup>	ERPA
	P6		R5 Type 5 Wide <sup>1</sup>	208 <sup>3</sup> 347 <sup>5</sup>	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
			R5S Type 5 Short <sup>1</sup>	240 <sup>3</sup> 480 <sup>5</sup>	IS Adjustable slipfitter (fits 2-3/8" OD tenon) <sup>7</sup>
			AFR Automotive Front Row		WBA Wall bracket <sup>1</sup>
			AFRR90 Automotive Front Row Right Rotated		WBASC Wall bracket with surface conduit box
			AFRL90 Automotive Front Row Left Rotated		AASP Adjustable tilt arm square pole mounting <sup>7</sup>
					AARP Adjustable tilt arm round pole mounting <sup>7</sup>
					AAWB Adjustable tilt arm with wall bracket <sup>7</sup>
					AAWSC Adjustable tilt arm wall bracket and surface conduit box <sup>7</sup>

Options	Finish
<b>Shipped Installed</b> HS House-side shield <sup>8</sup> PE Photocontrol, button style <sup>9,10</sup> PER7 Seven-wire twist-lock receptacle only (no controls) <sup>10,11,12</sup> SF Single fuse (120, 277, 347) <sup>5</sup> DF Double fuse (208, 240, 480) <sup>5</sup> SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output <sup>10</sup> DMG 0-10V dimming extend out back of housing for external control (control ordered separate) <sup>10</sup> DS Dual switching <sup>10,13</sup>	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured Dark Bronze DBLBXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White
<b>Shipped Separately (requires some field assembly)</b> EGS External glare shield <sup>8</sup> EGFV External glare full visor (360° around light aperture) <sup>8</sup> BS Bird spikes <sup>16</sup>	



## Ordering Information

### Accessories

Ordered and shipped separately.

RSX4HS U	RSX4 House side shield (includes 4 shields)
RSX4HS4FR U	RSX4 House side shields for AFR rotated optics (includes 4 shields)
RSX4EGS (FINISH) U	External glare shield (specify finish)
RSX4EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) †
RSXSBC (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DL1127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ††
DL1347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ††
DL1480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ††
DSHORT SBK U	Shorting cap ††

### NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Required for mounting RSX4 in configurations of 2, 3 and 4 at 90°
- Maximum tilt is 90° above horizontal.
- It can be ordered as an accessory.
- Requires MVOLT or 347V.
- Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
- Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming

- signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire 6/Wire 7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers/sets. DS only available with packages P4, P5, P6, P7 and P8.
- Must be ordered with PIRHN.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- Requires MVOLT or HVOLT.
- CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

## External Shields



House Side Shield (HS)



External Glare Shield (EGS)

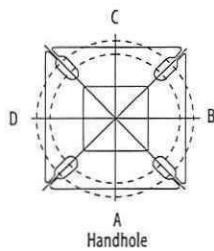


External 360 Full Visor (EGFV)

## Pole/Mounting Information

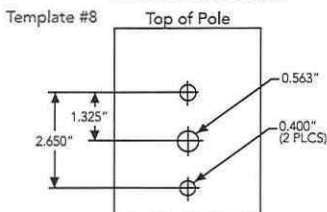
Accessories including bullhorns, cross arms and other adapters are available on pages 5-8. For the complete line of accessories available, visit the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

### HANDHOLE ORIENTATION

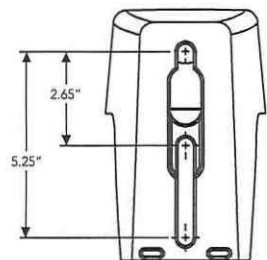


Handhole

### RSX POLE DRILLING



### RSX STANDARD ARM, EXTENDED ARM AND ADJUSTABLE ARM



### Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
2 - 3/8"	RPA, ERPA, AARP	AS3-5190	AS3-5280	AS3-5290	AS3-5320	AS3-5390	AS3-5490
2 - 7/8"	RPA, ERPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, ERPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

### Drill Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

### RSX4 - Luminaire EPA

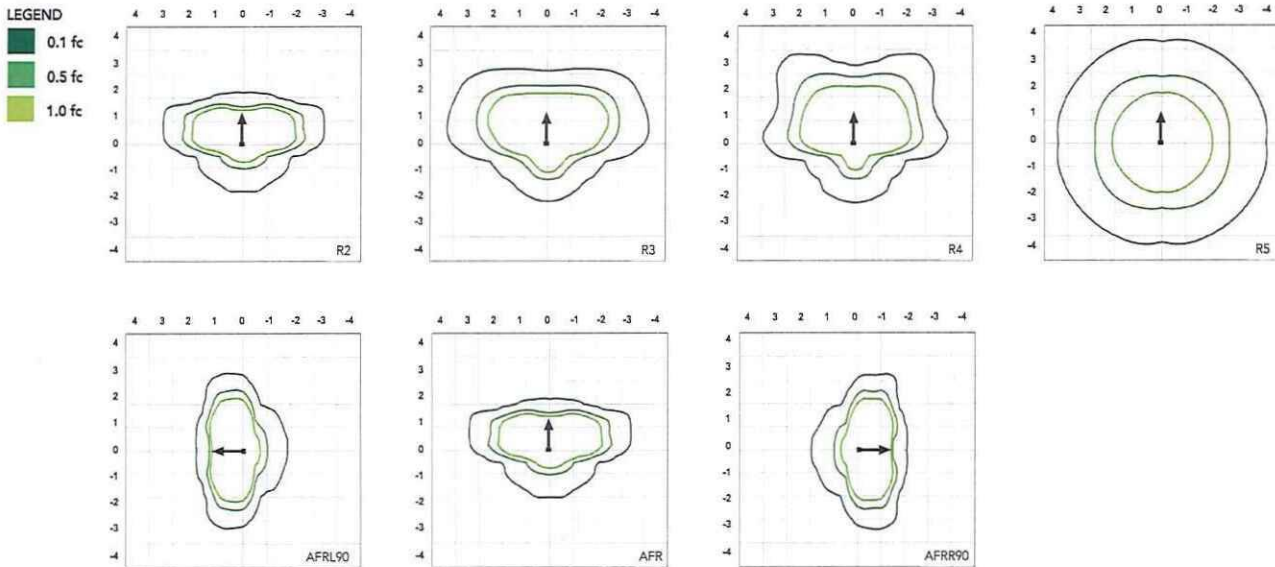
\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side	
SPA - Square Pole Adaptor	0.69	1.34	1.36	1.80	2.00	2.66	1.39	2.08	2.78	
RPA - Round Pole Adaptor	0.72	1.39	1.47	1.88	2.09	2.77	1.44	2.16	2.87	
MA - Mast Arm Adaptor	0.66	1.28	1.20	1.69	1.87	2.51	1.32	1.98	2.64	
ESPA/ERPA - Extended Arm Square/Round Pole	0.74	1.44	1.57	1.96	2.18	2.88	1.48	2.23	2.97	
IS - Integral Slipfitter AARP/AASP - Adjustable Arm Square/Round Pole	0°	0.69	1.34	1.36	1.80	2.00	2.66	1.39	2.08	2.78
	10°	1.13	2.05	2.22	3.10	2.91	4.01	2.26	3.39	4.52
	20°	1.91	3.14	3.57	4.84	4.26	6.23	3.82	5.73	7.64
	30°	3.23	4.70	5.70	7.25	6.52	9.31	6.46	9.69	12.92
	40°	4.71	6.04	7.96	9.37	9.04	12.04	9.42	14.13	18.84
	45°	5.46	6.72	9.10	10.47	10.31	13.40	10.92	16.38	21.84
	50°	5.58	7.29	9.51	11.46	10.93	14.56	11.16	16.74	22.32
	60°	5.81	8.50	10.35	13.44	12.41	16.89	11.62	17.43	23.24
	70°	6.13	9.29	10.98	14.92	13.50	18.57	12.26	18.39	24.52
	80°	6.28	9.88	11.47	15.86	14.22	19.72	12.56	18.84	25.12
90°	6.43	10.17	11.78	16.26	14.56	20.33	12.86	19.29	25.72	

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX4 LED P6 40K. Distances are in units of mounting height (40').



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

### Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	275W	2.34	1.38	1.22	1.08	0.83	0.62
P2	320W	2.60	1.56	1.37	1.22	0.97	0.71
P3	369W	3.08	1.79	1.57	1.39	1.09	0.80
P4	431W	3.61	2.11	1.88	1.76	1.24	0.90
P5	483W	3.97	2.28	1.99	1.74	1.36	0.98
P6	546W	4.48	2.55	2.21	1.93	1.54	1.12

### Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

## Performance Data

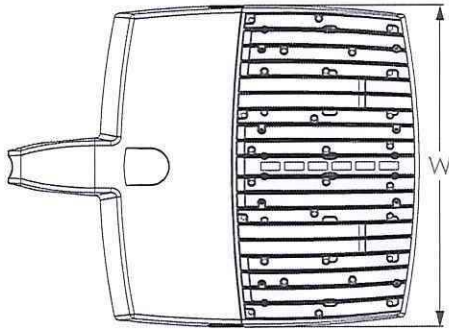
### Lumen Output

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.

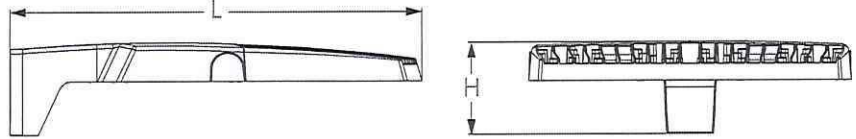
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	275W	R2	36,231	3	0	3	132	39,806	3	0	3	145	39,806	3	0	3	145
		R3	36,151	3	0	5	131	39,719	3	0	5	144	39,719	3	0	5	144
		R3S	37,066	3	0	4	135	40,724	3	0	4	148	40,724	3	0	4	148
		R4	36,656	3	0	5	133	40,274	3	0	5	146	40,274	3	0	5	146
		R4S	35,409	3	0	4	129	38,903	3	0	4	141	38,903	3	0	4	141
		R5	36,955	5	0	4	134	40,602	5	0	5	148	40,602	5	0	5	148
		R5S	37,144	5	0	3	135	40,809	5	0	3	148	40,809	5	0	3	148
		AFR	36,231	3	0	3	132	39,806	3	0	3	145	39,806	3	0	3	145
		AFRR90	36,818	3	0	3	134	40,451	3	0	3	147	40,451	3	0	3	147
		AFRL90	37,146	3	0	3	135	40,812	3	0	3	148	40,812	3	0	3	148
P2	320W	R2	41,215	3	0	3	129	45,282	4	0	3	141	45,282	4	0	3	141
		R3	41,125	3	0	5	128	45,183	4	0	5	141	45,183	4	0	5	141
		R3S	42,165	3	0	4	132	46,327	4	0	4	145	46,327	4	0	4	145
		R4	41,699	3	0	5	130	45,814	4	0	5	143	45,814	4	0	5	143
		R4S	40,280	3	0	4	126	44,255	4	0	4	138	44,255	4	0	4	138
		R5	42,039	5	0	5	131	46,188	5	0	5	144	46,188	5	0	5	144
		R5S	42,253	5	0	3	132	46,423	5	0	4	145	46,423	5	0	4	145
		AFR	41,215	3	0	3	129	45,282	4	0	3	141	45,282	4	0	3	141
		AFRR90	41,883	3	0	3	131	46,016	4	0	3	144	46,016	4	0	3	144
		AFRL90	42,256	3	0	3	132	46,426	4	0	3	145	46,426	4	0	3	145
P3	369W	R2	45,968	4	0	3	124	50,504	4	0	3	137	50,504	4	0	3	137
		R3	45,867	4	0	5	124	50,393	4	0	5	136	50,393	4	0	5	136
		R3S	47,028	4	0	5	127	51,669	4	0	5	140	51,669	4	0	5	140
		R4	46,508	4	0	5	126	51,097	4	0	5	138	51,097	4	0	5	138
		R4S	44,925	4	0	4	122	49,358	4	0	4	134	49,358	4	0	4	134
		R5	46,887	5	0	5	127	51,514	5	0	5	139	51,514	5	0	5	139
		R5S	47,126	5	0	4	128	51,777	5	0	4	140	51,777	5	0	4	140
		AFR	45,968	4	0	3	124	50,504	4	0	3	137	50,504	4	0	3	137
		AFRR90	46,713	4	0	3	126	51,323	4	0	3	139	51,323	4	0	3	139
		AFRL90	47,129	4	0	3	128	51,780	4	0	3	140	51,780	4	0	3	140
P4	431W	R2	50,558	4	0	3	117	55,547	4	0	4	129	55,547	4	0	4	129
		R3	50,447	4	0	5	117	55,426	4	0	5	129	55,426	4	0	5	129
		R3S	51,724	4	0	5	120	56,829	4	0	5	132	56,829	4	0	5	132
		R4	51,152	4	0	5	119	56,200	4	0	5	131	56,200	4	0	5	131
		R4S	49,411	4	0	4	115	54,287	4	0	5	126	54,287	4	0	5	126
		R5	51,569	5	0	5	120	56,658	5	0	5	132	56,658	5	0	5	132
		R5S	51,832	5	0	4	120	56,947	5	0	4	132	56,947	5	0	4	132
		AFR	50,558	4	0	3	117	55,547	4	0	4	129	55,547	4	0	4	129
		AFRR90	51,378	4	0	3	119	56,448	4	0	4	131	56,448	4	0	4	131
		AFRL90	51,836	4	0	3	120	56,951	4	0	4	132	56,951	4	0	4	132
P5	483W	R2	56,313	4	0	4	116	61,870	4	0	4	128	61,870	4	0	4	128
		R3	56,190	4	0	5	116	61,735	4	0	5	128	61,735	4	0	5	128
		R3S	57,612	4	0	5	119	63,297	4	0	5	131	63,297	4	0	5	131
		R4	56,974	4	0	5	118	62,597	4	0	5	129	62,597	4	0	5	129
		R4S	55,035	4	0	5	114	60,467	4	0	5	125	60,467	4	0	5	125
		R5	57,439	5	0	5	119	63,107	5	0	5	131	63,107	5	0	5	131
		R5S	57,732	5	0	4	119	63,429	5	0	4	131	63,429	5	0	4	131
		AFR	56,313	4	0	4	116	61,870	4	0	4	128	61,870	4	0	4	128
		AFRR90	57,226	4	0	4	118	62,873	4	0	4	130	62,873	4	0	4	130
		AFRL90	57,736	4	0	4	119	63,433	4	0	4	131	63,433	4	0	4	131
P6	546W	R2	62,633	4	0	4	115	68,814	4	0	4	126	68,814	4	0	4	126
		R3	62,496	4	0	5	115	68,664	4	0	5	126	68,664	4	0	5	126
		R3S	64,078	4	0	5	117	70,402	4	0	5	129	70,402	4	0	5	129
		R4	63,369	4	0	5	116	69,623	4	0	5	128	69,623	4	0	5	128
		R4S	61,213	4	0	5	112	67,254	4	0	5	123	67,254	4	0	5	123
		R5	63,886	5	0	5	117	70,191	5	0	5	129	70,191	5	0	5	129
		R5S	64,212	5	0	4	118	70,549	5	0	4	129	70,549	5	0	4	129
		AFR	62,633	4	0	4	115	68,814	4	0	4	126	68,814	4	0	4	126
		AFRR90	63,649	4	0	4	117	69,930	4	0	4	128	69,930	4	0	4	128
		AFRL90	64,216	4	0	4	118	70,553	4	0	4	129	70,553	4	0	4	129

## Dimensions

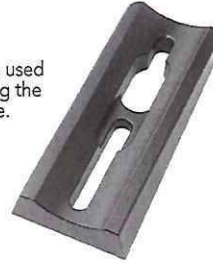
### RSX4 with Round Pole Adapter (RPA)



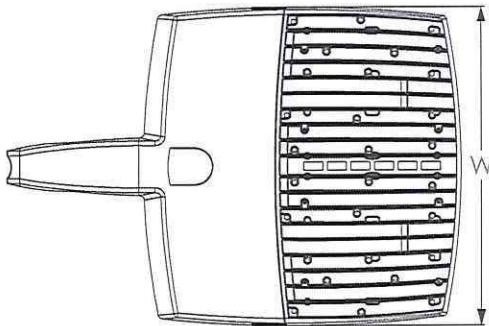
Length: 31.9" (81.0 cm)  
 Width: 25.0" (63.5 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.3 cm) Arm



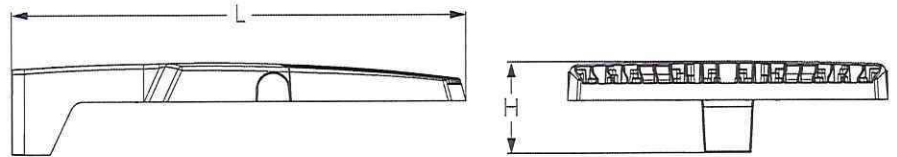
**NOTE:**  
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



### RSX4 with Extended Arm Square or Round Pole (ESPA or ERPA)



Length: 35.5" (90.2 cm) ERPA  
 34.5" (87.6 cm) ESPA  
 Width: 25.0" (63.5 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.3 cm) Arm



**NOTE:**  
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



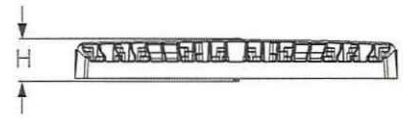
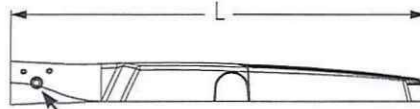
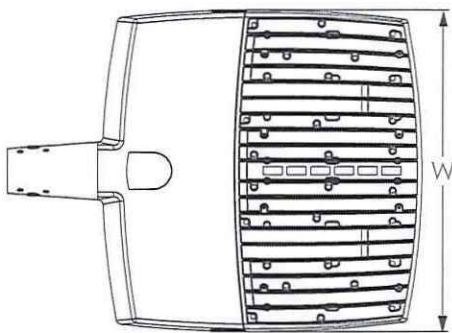
#### Notes

ESPA: Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.0" min. square pole for 1 at 90°.

ERPA: Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

## Dimensions

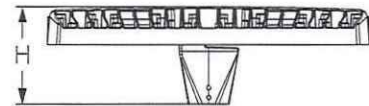
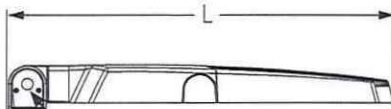
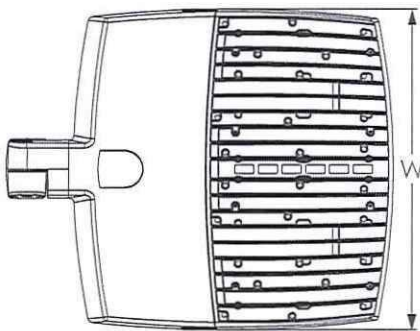
### RSX4 with Mast Arm Adapter (MA)



Length: 32.2" (81.8 cm)  
 Width: 25.0" (63.5 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 3.4" (18.6 cm) Arm

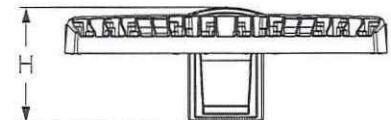
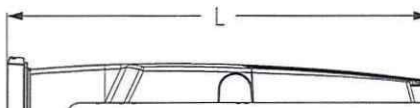
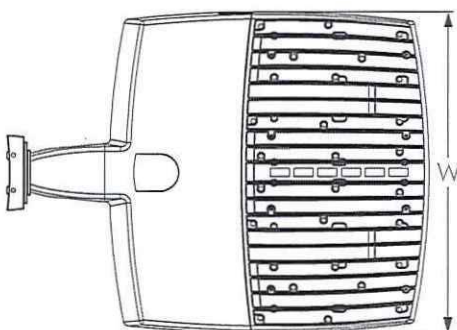
**Notes:** MA mount requires minimum horizontal tenon length of 6" when mounting RSX4 in configurations of 2, 3 and 4 at 90°.

### RSX4 with Adjustable Slipfitter (IS)

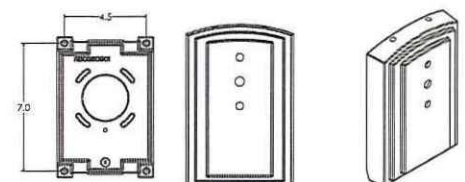


Length: 30.0" (76.2 cm)  
 Width: 25.0" (63.5 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.6" (19.3 cm) Arm

### RSX4 with Wall Bracket (WBA)



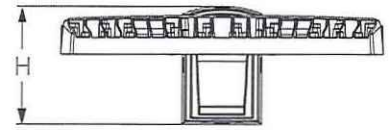
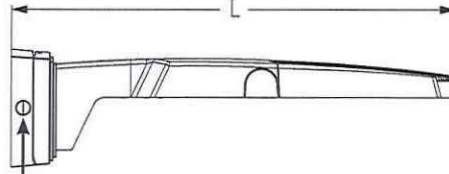
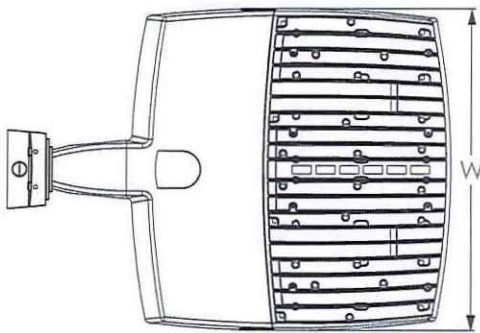
#### Wall Bracket (WBA) Mounting Detail



Length: 32.7" (83.1 cm)  
 Width: 25.0" (63.5 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

## Dimensions

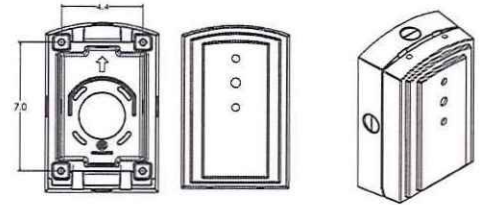
### RSX4 with Wall Bracket with Surface Conduit Box (WBASC)



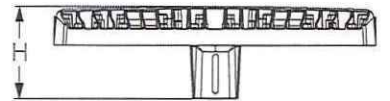
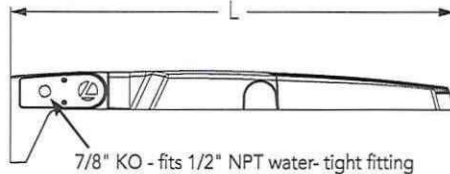
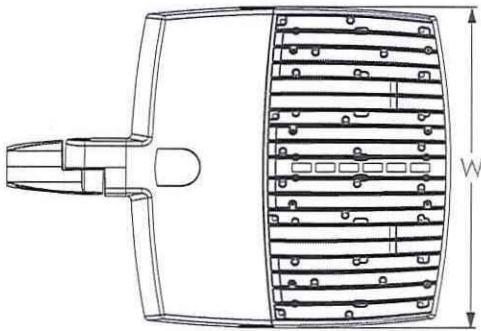
3/4" NPT taps with plugs - Qty (4) provided

Length: 34.4" (87.4 cm)  
 Width: 25.0" (63.5 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm

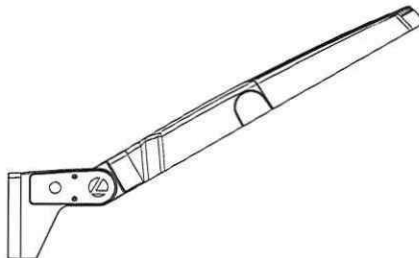
### Surface Conduit Box (SCB) Mounting Detail



### RSX4 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



7/8" KO - fits 1/2" NPT water-tight fitting



Length: 34.4" (87.4 cm) AASP  
 35.4" (89.9 cm) AARP  
 Width: 25.0" (63.5 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.3 cm) Arm

**NOTE:**  
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



### Notes

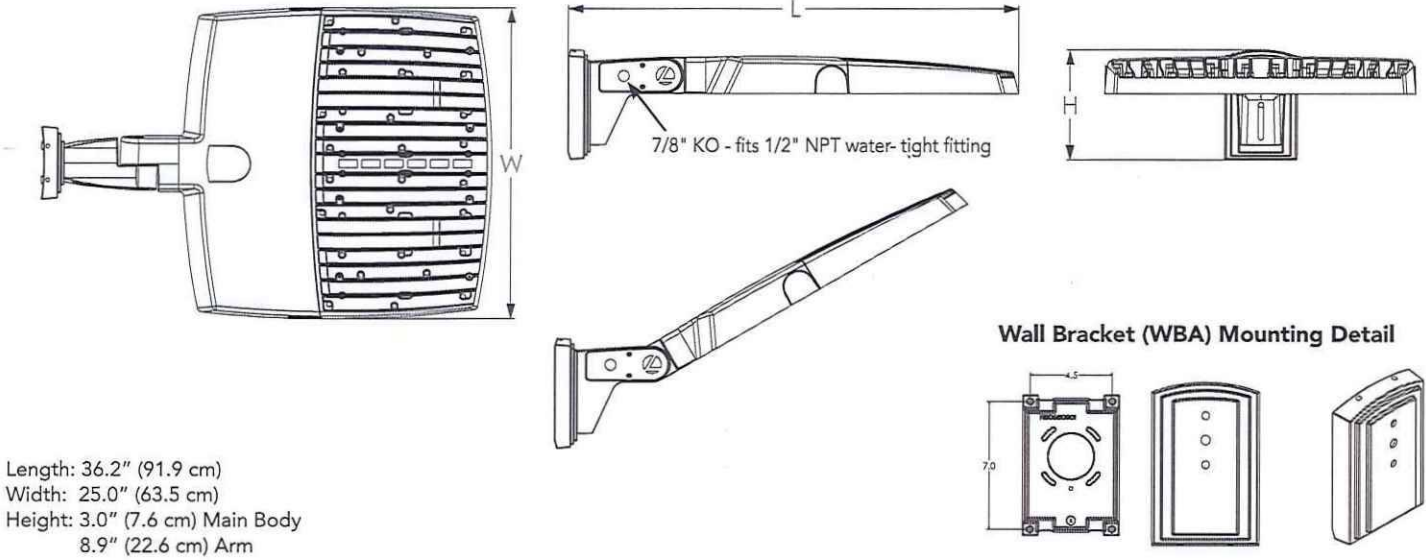
AASP: Requires 3.0" min. square pole for 1 at 90°. (Note: Limited to 30° maximum tilt angle for qty. 2, 3 and 4 at 90° pole top configurations)

AARP: Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°. (Note: Limited to 30° maximum tilt angle for qty. 2, 3 and 4 at 90° pole top configurations)

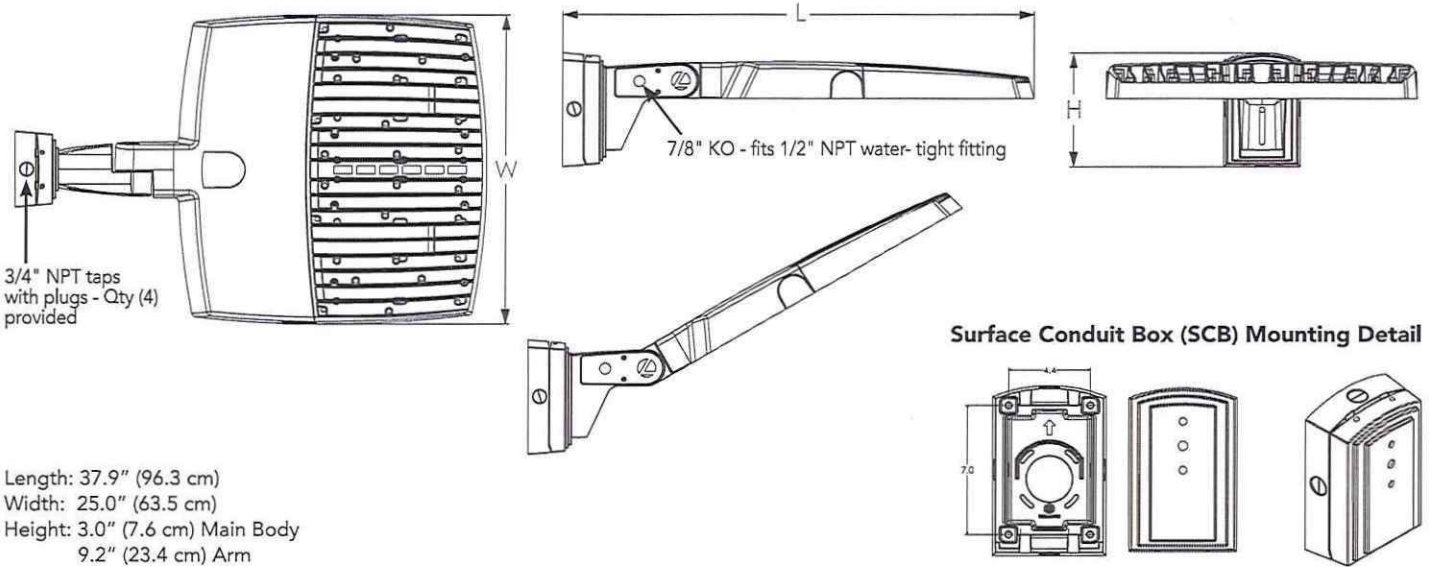


## Dimensions

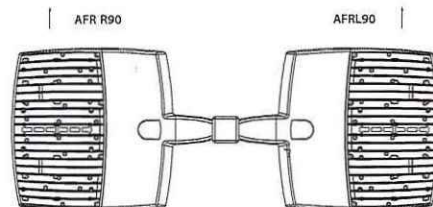
### RSX4 with Adjustable Tilt Arm with Wall Bracket (AAWB)



### RSX4 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

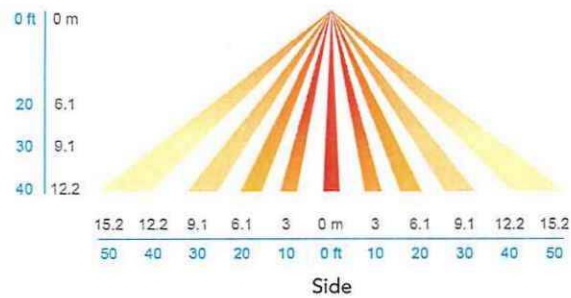
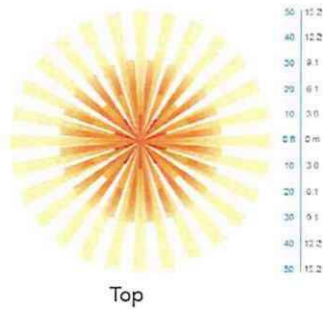
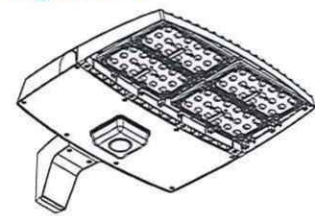


Automotive Front Row - Rotated Optics (AFR L90/R90)



## nLight Control - Sensor Coverage and Settings

### PIRHN nLight Sensor Coverage Pattern



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

\*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App.

## FEATURES & SPECIFICATIONS

### INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX4 delivers 40,000 to 70,000 lumens and is ideal for replacing 1000W and (2) 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

### CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: SPA, RPA, MA, IS, AASP, AARP, ESPA and ERPA rated for 3G vibration. 1.5G Mountings: WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

### 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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warranted not to crack or peel.

### COASTAL CONSTRUCTION (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

### OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

### nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR which can be used for simple motion occupancy dimming or for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found [here](#).

### INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note that the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box offering easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

### LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/OPL](http://www.designlights.org/OPL) to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S. Patent No. D882,146S and U.S. Patent No. 11,085,619 B2

### GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**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.



FirstAmerican Title Insurance Company

Commitment No.: 2024-0818WI

**EXHIBIT A**

Part of the Southeast  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$  of Section 27, and a Part of the Southwest  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$  of Section 26, Township 5 North, Range 12 East, in the Town of Albion, Dane County, Wisconsin, more fully described as follows:

Commencing at the West quarter corner of said Section 26; thence North  $89^{\circ} 52'$  East, 593.05 feet along the South line of said quarter quarter to the point of beginning of this description; thence North  $40^{\circ} 04'$  West, 750.14 feet along the Easterly right-of-way of Interstate Highway 90; thence North  $22^{\circ} 29'$  West, 172.70 feet; thence North  $11^{\circ} 24'$  West, 205.94 feet; thence North  $89^{\circ} 52'$  East, 540.00 feet; thence South  $1^{\circ} 11'$  West, 174.00 feet; thence North  $89^{\circ} 52'$  East, 773.93 feet; thence South  $1^{\circ} 11'$  West, 763.15 feet; thence South  $89^{\circ} 52'$  West, 704.98 feet along the South line of said quarter quarter to the point of beginning of this description.

EXCEPT Lot 1, Certified Survey Map 7703, recorded in Vol. 40 of Certified Survey Maps, page 183, as #2654512, in the Town of Albion, Dane County, Wisconsin.

EXCEPT Deed to Wisconsin Department of Transportation recorded as #5108818.

All situated in Dane County, and the State of Wisconsin.