



CITY OF PATASKALA PLANNING & ZONING COMMISSION

City Hall, Council Chambers
621 West Broad Street
Pataskala, Ohio 43062

STAFF REPORT

April 3, 2024

Planned Manufacturing Application PM-24-001

Applicant:	Red Rock Investment Partners, LLC.
Owner:	RRIFI Columbus 44 Land, LLC
Location:	3000 – 3007 Etna Parkway (PID: 064-152862-00.001)
Acreage:	43.17 +/- acres
Zoning:	PM – Planned Manufacturing
Request:	Requesting a recommendation of approval for a Planned Manufacturing Application pursuant to Section 1253.10 of the Pataskala Code to allow for the construction of two (2) warehouse/distribution facilities on the subject property.

Description of the Request:

The applicant is seeking a recommendation of approval for a Planned Manufacturing application to allow for the construction of two (2) warehouse/distribution buildings and associated site improvements.

Staff Summary:

The project site is comprised of one property totaling 43.17 +/- acres currently being used for agriculture and a retention pond used for drainage of Etna Parkway. The property contains several wetlands and an American Electric Power easement along Etna Parkway. There is frontage to the east onto Etna Parkway, and to the south, onto Refugee Road SW.

The applicant is requesting approval of a Planned Manufacturing application to allow for the construction of two warehouse/distribution buildings along with associated site improvements. Approval of a Planned Manufacturing application is required for construction within a PM – Planned Manufacturing district pursuant to Section 1253.14 of the Pataskala Code. On October 18, 2023, the revised Planned Manufacturing regulations became effective; therefore, this application shall be reviewed pursuant to the revised, current, regulations. Below is a general summary of the proposed project:

Buildings

- Building E
 - Northernmost building
 - Dimensions: 268 feet x 840 feet
 - Square Footage: 225,120 square feet
 - Height: 46'6"
- Building F
 - Southernmost building
 - Dimensions: 268 feet x 840 feet
 - Square Footage: 225,120 square feet

- Height: 46'6"

Setbacks and Mounding

- Front (Etna Parkway)
 - Building: Minimum 50'
 - Building E: 150.2'
 - Building F: 151.2'
 - Parking: Minimum 25'
 - Building E: Exceeds, but dimension not given.
 - Building F: Exceeds, but dimension not given.
 - Mounding: 4-6 feet undulating.
- Front (Refugee Road)
 - Building: Minimum 150'
 - Building F: 478.7'
 - Parking: Minimum 75'
 - Building F: Exceeds, but dimension not given.
 - Mounding: 8-10 feet undulating.
- Rear (Western Property line)
 - Building: Minimum 50'
 - Building E: 214.2'
 - Building F: 214.8'
 - Parking: Minimum 25'
 - Building E: Exceeds, but dimension not given.
 - Building F: Exceeds, but dimension not given.
 - Mounding: None Required

Maximum Lot Occupancy

- The maximum percentage of a lot which may be occupied by both principal and accessory buildings for commercial use shall be 65 percent.
 - 18.38 percent proposed.

Access

- Building E
 - One 30-foot-wide automobile access to Etna Parkway (28 foot wide minimum)
- Building F
 - One 30-foot-wide automobile access to Etna Parkway (28 foot wide minimum)
- Truck Access
 - One common truck access onto Etna Parkway. Width not given.
- Each access point is proposed to have a left turn lane. Configuration and length subject to a traffic impact study.

Parking

- Spaces are 10 feet x 20 feet which exceeds the minimum code requirement of 9 feet x 19 feet
- Lane width is 24 feet which exceeds the minimum requirement of 19 feet.
- Building E
 - Required/Provided: 116 parking spaces.
 - Provided: 190 parking spaces.
 - ADA spaces required: 6 parking spaces.
 - ADA spaces provided: 7 parking spaces.
- Building F

- Required: 116 parking spaces.
 - Provided: 206 parking spaces.
- ADA spaces required: 7 parking spaces.
 - ADA spaces provided: 7 parking spaces.
- Parking lot lighting
 - Lighting information must be provided in the plans.
 - Lighting plans do not indicate off-site impacts of lighting on adjacent properties.

Loading

- Loading spaces are 12 feet x 60 feet, which exceeds the minimum requirement of 12 feet x 50 feet.
- Building E
 - Located on the west side of the building.
 - Required: 23 loading spaces.
 - Provided: 60 loading spaces.
- Building D
 - Located on the west side of the building.
 - Required: 23 loading spaces.
 - Provided: 60 loading spaces.

Signage

- Development
 - One sign proposed at each building access point onto Etna Parkway.
- Building
 - Potential for two (2) wall signs at each entrance to the structure. Three (3) entrances per building, total of 12 wall signs for each unit.
- All requirements of Chapter 1295 of the Pataskala Code must be met for signage. Final signage to be determined with tenant upfit.

Trash

- As proposed “trash receptacles will be provided onsite per tenant specific requirements and screening shall be provided in compliance with 1253.05(G). Location and screening details will be finalized with the zoning permit”.

Landscaping

- The applicant has provided information on the location and types of proposed vegetation. Staff does have some comments regarding tree species, as noted in Staff Review.
- Interior Landscaping/Screening
 - Will provide 20sf per parking staff, with 1 tree per 200sf of landscaped area.

Staff Review:

The following review does not constitute recommendations but merely conclusions and suggestions based on the summary.

Planning and Zoning:

Staff has completed a review of the submitted site plans and drafted a list of comments, which is attached to this Staff Report. The more considerable comments are listed below:

1. Section 1253.05(Q) requires a Traffic Impact Study (TIS) to determine the need for traffic safety measures and associated access improvements. No Traffic Impact Study was included with the application.
2. Section 1253.05(C)(1)(a)(3) requires that the mounding shall be provided within the required minimum parking setback along Etna Parkway. As provided, it is outside the minimum parking setback.

- a. There is an existing AEP easement of varying width along the front property line of the subject property that would limit the placement of mounding within the parking setback as required, nevertheless, a Variance is required.
 - b. Additionally, there is a gap in the mounding along Etna Parkway just north of Building E, where the proposed mounding instead wraps around the north side of the structure. This area appears to be outside the easement, and not within the identified wetlands on the plan. Staff would like clarification on why the mounding is not continued. If no mounding is used, they could provide additional landscaping pursuant to Section 1253.05(D)(5). If neither is provided, they would need a Variance. (Potential condition #4 in italics, below, included to address need for a Variance is no other option is possible).
3. Section 1253.05(C)(1)(b)(3) requires that the mounding shall be provided within the required minimum parking setback along Refugee Road SW. As provided, it is outside the minimum parking setback.
 - a. There is an existing stormwater basin along Refugee Road that occupies the entirety of minimum parking setback, nevertheless, a Variance is required.
4. Sign Plan shows potential for two (2) wall signs, one (1) on each side of an entrance. Elevations show three (3) entrances per building. Will there be a potential total of six (6) units per building for 12 total? If so, please indicate potential unit separation on plans.
5. Various other clarifications are needed as outlined the attached review letter.

Pursuant to Section 1253.10 of the Pataskala Code, the Planning and Zoning Commission shall review the application and provide a recommendation to City Council to approve, approve with conditions, or disapprove the application. City Council shall make the final determination on the application.

Public Service Director (Full comments attached):

1. Final configuration of turn lanes/access subject to further comments/revisions based on existing conditions and potential conflicts along Etna Parkway. Specific concerns include existing southbound left turn lane and alignment to existing north entrance across the street in relation to proposed left lane into the middle entrance.

City Engineer (Full comments attached):

1. Confirm that R/W limits at the south end of the site accommodate planned intersection improvements at Etna Pkwy and Refugee Rd.
2. The area reserved for retention ponds might be too small compared to the amount of impervious area being added to the site.
3. Suggest a pedestrian pathway along the frontage of the property.
4. Traffic Impact Study is needed to determine turn lane geometry.
5. Analyze the existing field tile mapping to ensure any major tiles that will be disrupted are accommodated by proposed stormwater management.

West Licking Joint Fire District (Full comments attached):

The Fire District Fire District has outlined several items that will be required as part of the engineering/construction plans.

Southwest Licking Community Water & Sewer District (Full comments included in application):

1. Water service available.

- Sanitary is not immediately available but is under construction with anticipated completion by the end of 2024. Any sanitary sewer flow derived from parcel would need to be offset from the existing development agreement between Red Rock and the SWLCWSD for parcel number 064-152898-00.000 until the Wagram Wastewater Treatment Plant is online (anticipated 2026).

Surrounding Area:

Direction	Zoning	Land Use
North	PM – Planned Manufacturing	Agriculture
East	PM – Planned Manufacturing	Agriculture Thayer Meyer Shank Racing
South	M-1 – Light Manufacturing (Etna Township)	Agriculture
West	PM – Planned Manufacturing	Agriculture

Department and Agency Review

- Zoning Inspector – No comments.
- City Engineer – See attached.
- SWLCWSD – See application.
- Police Department – No comments.
- Public Service Director – See attached.
- West Licking Joint Fire District – See attached.
- Southwest Licking School District – No comments.

Conditions:

Should the Commission choose to approve the applicant’s request, the following conditions may be considered:

- The Applicant shall address all comments from Planning and Zoning Department, the Public Service Director, the City Engineer, and the West Licking Joint Fire District.
- The Applicant shall obtain all necessary permits from the City of Pataskala and the Licking County Building Department prior to construction.
- The Applicant shall obtain a Variance from Sections 1253.05(C)(1)(a)(3) and 1253.05(C)(1)(b)(3) to allow the proposed mounding to be outside the minimum parking setback(s).
- The Applicant shall obtain a Variance from Section 1253.05(C)(1)(a)(3) for the gap(s) in the mounding along Etna Parkway, if necessary.*

Motion:

For your convenience, the following motion may be considered by the Planning and Zoning Commission:

“I move to recommend approval of Planned Manufacturing Application PM-24-001 pursuant to Section 1253.10 of the Pataskala Code (“with the following conditions” if conditions are to be placed on the approval).”



CITY OF PATASKALA PLANNING & ZONING DEPARTMENT

621 West Broad Street, Suite 2A
Pataskala, Ohio 43062

PM-24-001 Staff Review For April 3, 2024, PZC Hearing

General Comments

- “Zoning” is misspelled on the plans.
- Site Layout Plan identifies building height as 42’, Elevations and Narrative list 46’6”.
 - Lighting Plan identifies building height as 40’.
- Elevations for Building 1 provided, will both buildings be identical?
- Label width of common access between the structures.
- Add dimensions from property line to edge of parking area (meets minimum just need exact).

Chapter 1253 – Planned Manufacturing (PM) District

1253.03 – Permitted Uses

- General Warehousing is a Permitted Use in the PM zoning district.
- Future tenant shall coordinate with Staff on use, upfit, certificate of compliance, etc.

1253.05 – General Requirements

1253.05(C) – Setbacks

- 1253.05(C)(1)(a)(3): “Mounding...shall be provided within the required minimum parking setback”.
 - Proposed mounding is not outside the minimum parking setback. Understand there is an AEP easement along the right-of-way of Etna Parkway, although having mounding within the parking setback not feasible, a Variance is required.
 - There is a gap in the mounding, north of building E, where it is instead wrapped around the north face of the structure. Appears to be outside of the AEP easement, and not within either of the two wetlands shown. Why was mounding not continued? Clarification needed.
 - As mounding/landscaping does not continue throughout, a Variance may be required, or, may use options from 1253.05(D)(5) in place of if mounding is not possible and evidence given.
- 1253.05(C)(1)(b)(1): Building setback line identified at 120’ instead of required 150’. Actual structure setback is compliant.
- 1253.05(C)(1)(b)(3): “Mounding...shall be provided within the required minimum parking setback”.
 - Proposed mounting is not within the minimum parking setback. Understand that the existing stormwater basin along Refugee Road occupies the parking setback from the right-of-way, a Variance is required.

1253.05(D) – Mounding

- Provide cross section for 8’-10’ mound along Refugee Road.
- 1253.05(D)(3): Top of mound widths should range from 2-4’, per cross sections only maintaining 2’.

1253.05(E) – Landscaping

- Does the plant legend account for only trees on the mounding or does it include interior landscaping trees as well? If both, please create separate tables for each.
- 1253.04(E)(3): Tree species shall be native to the region.
 - The following trees are non-native species to the region:
 - Ulmus X Frontier – hybrid cultivar
 - Picea Glauca – non-native
 - Picea Omorika – non-native
 - Final species to be determined with Construction Plans.

- 1253.05(E)(4): Tree spacing appears to be compliant, please include note on plans.
- 1253.05(E)(5) and 1253.05(E)(8): Make note of these sections within the plans.

1253.05(P) – Lighting

- 1253.05(P)(1): Provide material, color of proposed pole lights. Will all light mountings (pole, structure mounted) be at 30' height?
- Decorative Wall Sconce directs a small portion of light upwards, is this required by building code?

1253.05(Q) – Traffic Management

- No Traffic Impact Study provided.

Chapter 1291– Parking and Loading

1253.18 – Required Number of Off-Street Loading Spaces

- Industrial and Manufacturing uses over 10,000sf of gross floor area require 1 space, plus 1 for each additional 10,000sf or fraction thereof above 10,000sf.
 - Building E and F would require 23 spaces each, 60 provided each. Exceeds requirement, calculation on table was incorrect.

Chapter 1295 – Signs

1295.09 – General Sign Standards

- 1295.09(b)(2)(B): One wall sign shall be permitted, not to exceed 32sf, for each separated business unit.
- 1295.09(b)(2)(C): Freestanding ground signs or cantilever signs shall be no greater than 32 square feet as measured according to Section 1205.15, no greater than 10 feet in height, and located at least 10 feet from the road right of way.
 - “Main Monument” exceeds maximum height. Main copy of signage appears to exceed maximum square footage as well. Additionally, unclear as to the location of the “Main Monument”. “Monument Sign” is identified twice on plans, assuming this is referring to “Tenant Monument”.
- 1295.09(b)(2)(D)(1): The maximum allowable area for a building sign may be increased by 25% for each 100 feet or fraction thereof of building setback when the principal building is located more than 100 feet from the principal street on which the building is located and the building is visible from the street, not to exceed 200% of the maximum allowable area.
 - ~150' setback from Etna Parkway grants a 37.5% increase for a total of 44sf.
 - Sign plan appears to show potential for signs on either side of each entrance. Each building has three (3) entrances, so would there be a potential for six (6) units per building? 12 total? If so, indicate potential unit separation on plans.
- Docking bay numbers exempt per 1295.06(l).
- Final signage to be determined with Zoning Permit, and tenant upfit.

From: [Antonio Anzalone](#)
To: [Jack Kuntzman](#); [Felix Dellibovi](#); [Chris Sharrock](#); tlenhart@structurepoint.com; [Weber, Matt](#); [Bruce Brooks](#); [Doug White](#); [Kevin Miller](mailto:Kevin.Miller@lhschools.org); laitken@lhschools.org; kperkins@laca.org; [Scott Morris](#); "Chris Gilcher"; [Alan Haines](#)
Cc: [Scott Fulton](#); [Lisa Paxton](#)
Subject: RE: Pataskala PZC Review Memo for 04-03-2024
Date: Thursday, March 21, 2024 1:45:31 PM

Jack,

PSD has the following comments:

PM-24-001 (Revised Plans):

1. REPEAT FROM PREVIOUS SUBMITTAL - Final configuration is subject to further comments/revisions based on existing conditions and potential conflicts along Etna Parkway. Specific concerns involve the existing SB left-turn lane into Thayer's southern drive entrance and the alignment of Thayer's north entrance in relation to the proposed left-turn lane into the middle entrance on the west side of Etna Parkway.

ZON-24-003 (City Wide Zoning Code Change): No Comments

Antonio Anzalone

Assistant City Engineer

City of Pataskala

621 W. Broad Street, Suite 2B

Pataskala, Ohio 43062

Office: 740.927.3873

Cell: 740.652.0685

Email: aanzalone@ci.pataskala.oh.us

From: Jack Kuntzman <jkuntzman@ci.pataskala.oh.us>

Sent: Wednesday, March 13, 2024 1:31 PM

To: [Felix Dellibovi](mailto:Felix.Dellibovi@ci.pataskala.oh.us) <[fdellibovi@ci.pataskala.oh.us](mailto:Felix.Dellibovi@ci.pataskala.oh.us)>; [Chris Sharrock](mailto:Chris.Sharrock@ci.pataskala.oh.us) <[csharrock@ci.pataskala.oh.us](mailto:Chris.Sharrock@ci.pataskala.oh.us)>; tlenhart@structurepoint.com; [Weber, Matt](mailto:Matt.Weber@structurepoint.com) <[mweber@structurepoint.com](mailto:Matt.Weber@structurepoint.com)>; [Bruce Brooks](mailto:Bruce.Brooks@pataskalapolice.net) <[bbrooks@pataskalapolice.net](mailto:Bruce.Brooks@pataskalapolice.net)>; [Doug White](mailto:D.White@westlickingfire.org) <[DWhite@westlickingfire.org](mailto:D.White@westlickingfire.org)>; [Kevin Miller](mailto:Kevin.Miller@lhschools.org) <[kevin.miller@lhschools.org](mailto:Kevin.Miller@lhschools.org)>; laitken@lhschools.org; kperkins@laca.org; [Scott Morris](mailto:Scott.Morris@lickingcohealth.org) <smorris@lickingcohealth.org>; 'Chris Gilcher' <cgilcher@swlcws.com>; [Alan Haines](mailto:Alan.Haines@ci.pataskala.oh.us) <ahaines@ci.pataskala.oh.us>; [Antonio Anzalone](mailto:Antonio.Anzalone@ci.pataskala.oh.us) <aanzalone@ci.pataskala.oh.us>

Cc: [Scott Fulton](mailto:Scott.Fulton@ci.pataskala.oh.us) <[sfulton@ci.pataskala.oh.us](mailto:Scott.Fulton@ci.pataskala.oh.us)>; [Lisa Paxton](mailto:Lisa.Paxton@ci.pataskala.oh.us) <lpaxton@ci.pataskala.oh.us>

Subject: Pataskala PZC Review Memo for 04-03-2024

Good Afternoon Everyone,

You are receiving this email because one or more of the Application(s) submitted for the **April 3,**

From: [Weber, Matt](#)
To: [Jack Kuntzman](#); [Felix Dellibovi](#); [Chris Sharrock](#); [Lenhart, Tony](#); [Bruce Brooks](#); [Doug White](#); [Kevin Miller](#); [laitken@lhschools.org](#); [kperkins@laca.org](#); [Scott Morris](#); "Chris Gilcher"; [Alan Haines](#); [Antonio Anzalone](#)
Cc: [Scott Fulton](#); [Lisa Paxton](#)
Subject: RE: Pataskala PZC Review Memo for 04-03-2024
Date: Thursday, March 21, 2024 1:17:17 PM
Attachments: [image001.png](#)

CAUTION: This email message came from an external (non-city) email account. Do not click on any links within the message or attachments to the message unless you recognize the sender's email account and trust the content.

Good Afternoon Jack!

I have reviewed the memo and offer the following:

ZON-24-003: no suggested changes

PM-24-001: (re-stating previous comments)

1. Confirm that ROW limits at the south end of the site accommodate the planned intersection improvement at Etna Parkway and Refugee Road.
2. The area reserved for retention ponds might be too small compared to the amount of impervious area being added to the site.
3. Suggest a pedestrian pathway along the frontage of the property. Even if it's not connected it will provide some area for employees to walk.
4. Proposed turn lane geometry needs to be confirmed by a traffic impact study.
5. Analyze the existing field tile mapping early in the site design process to ensure any major tiles that will be disrupted will be accommodated by the proposed storm sewer system.

Sincerely,

Matthew B. Weber, PE

Senior Project Manager

2550 Corporate Exchange Dr #300, Columbus, OH 43231

Phone 614.901.2235

Web www.structurepoint.com



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WEST LICKING JOINT FIRE DISTRICT

www.westlickingfire.org

District Headquarters

851 East Broad Street
Pataskala, Ohio 43062
740-927-8600 [Office]
740-964-6621 [Fax]
www.westlickingfire.org

February 19, 2024
Subject: Red Chip 2B / (Civil)

Jack,

The West Licking Fire District has reviewed the civil plans for Red Chip 2B and we have the following comments.

- 1) All fire hydrants on a private system shall have the bonnet of the hydrant painted blue. **This comment shall be added to the detail page of the construction plans.**
- 2) Each project shall provide 1 spare "screw on" type Stortz fitting for every (5) fire hydrants installed on the water line to be used at the discretion of the Fire District. They shall be delivered to the Fire District prior to the final acceptance of the project. **This comment shall be added to the detail page of the construction plans.**
- 3) All fire hydrants shall have: One (1) 5" Stortz connection / Two (2) 2.5" hose connections. **This comment shall be added to the detail page of the construction plans.**
- 4) Per the Fire Districts regulations section J note (b): All fire hydrants shall be installed every 300' and out of the collapse zone. i.e. 1 ½ times the height of the building.
- 5) All threads provided for the FDC's shall be a 5" Stortz fitting with a 30 degree angle towards the ground and at a height of 36" off of finish grade. **This comment shall be added to the detail page of the construction plans.**
- 6) Per the Fire Districts regulations section K note c: the FDC shall be installed within 40' of a fire hydrant. **This comment shall be added to the detail page of the construction plans.**
- 7) The FDC shall be marked with a red aluminum sign, 18" in height and 24" wide. The sign shall have white letters reading "FDC" that are 6" in height and 1" stroke width. **This comment shall be added to the detail page of the construction plans.**
- 8) The FDC line shall be a minimum of 6" diameter line from the 5" Stortz fitting to the sprinkler riser. **This comment shall be added to the detail page of the construction plans.**
- 9) All fire hydrants, PIV's and FDC's that are in areas subject to vehicular traffic, impact bollards shall be installed per the 2017 edition of the Ohio Fire Code section 312 guidelines. **This comment shall be added to the detail page of the construction plans.**
- 10) FDC's shall be painted fire protection red. **This comment shall be added to the detail page of the construction plans.**
- 11) The following requirements are in addition to NFPA 24, and the Water Department jurisdiction that work is to be performed. Installation requirements: All clamps, rods, rod couplings or turnbuckles, bolts, washers and straps used below ground level shall

WEST LICKING JOINT FIRE DISTRICT

www.westlickingfire.org

be stainless steel. **This comment shall be added to the detail page of the construction plans.**

- 12) The Fire Districts Fire Code Official shall inspect all fire line materials prior to it being installed in the ground. **This comment shall be added to the detail page of the construction plans.**
- 13) Where access to or within a structure or an area is restricted because of secured openings or where immediate access for life-saving or firefighting purposes, the Fire Code Official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type listed per the Fire Districts regulations section G.
- 14) The Fire District requires a 48 hour notice for any inspections and testing.
- 15) The Fire District's regulations can be found on our website at westlickingfire.org

This concludes our comments at this time. If you have any questions please feel free to contact me.

Regards,

Doug White
dwhite@westlickingfire.org
Fire Marshal
West Licking Fire District
851 E. Broad St.
Pataskala Oh 43062
Office Phone # 740-927-3046 Opt. 2
Westlickingfire.org





CITY OF PATASKALA PLANNING AND ZONING COMMISSION

621 West Broad Street, Suite 2A
Pataskala, Ohio 43062

PLANNED MANUFACTURING DISTRICT APPLICATION

(Pataskala Codified Ordinances Chapter 1253)

Property Information	
Address: 3000 - 3007 Etna Pkwy	
Parcel Number: 064-152862-00.001	
Zoning: Planned Manufacturing District - PM	Acres: 43.17
Water Supply:	
<input type="checkbox"/> City of Pataskala	<input checked="" type="checkbox"/> South West Licking
<input type="checkbox"/> On Site	
Wastewater Treatment:	
<input type="checkbox"/> City of Pataskala	<input checked="" type="checkbox"/> South West Licking
<input type="checkbox"/> On Site	

Staff Use
Application Number:
Fee:
Filing Date:
Hearing Date:
Receipt Number:

Applicant Information		
Name: Red Rock Investment Partners, LLC		
Address: 1201 Main St Ste 2360		
City: Columbia	State: SC	Zip: 29201
Phone: (803) 779-3025	Email: jbarker@redrockdevelopments.com	

Documents
<input checked="" type="checkbox"/> Application
<input checked="" type="checkbox"/> Fee
<input checked="" type="checkbox"/> Building Elevations
<input checked="" type="checkbox"/> Site Plan
<input checked="" type="checkbox"/> Deed
<input checked="" type="checkbox"/> Area Map

Property Owner Information		
Name: RRIFI Columbus 44 Land LLC		
Address: 1201 Main St Ste 2360		
City: Columbia	State: SC	Zip: 29201
Phone: (803) 779-3025	Email: jbarker@redrockdevelopments.com	

Planned Manufacturing District Information
Describe the Project:
The proposed development will construct 2 industrial buildings, on site access drive, any necessary associated parking areas for employees, truck dock areas with trailer parking stalls, and necessary utilities and storm water facilities for the development.

Documents to Submit

Planned Manufacturing District Application: Submit 1 copy of the application.

Site Plan: Submit 14 copies of a development plan including the following:

- All proposed structures including square footage, dimensions, setbacks, entrances, service and pedestrian areas.
- All property lines and dimensions of the lot.
- All points of ingress and egress onto public roadways, traffic flow patterns, traffic control points and traffic safety measures.
- A traffic study of the affected area according to Ohio Department of Transportation standards if applicable.
- A parking layout including vehicular and pedestrian routes.
- All proposed landscaping including type, size, materials, locations and berms in accordance with Section 1253.05(I).
- The use of land and location of structures on adjacent property within 100 feet of the property line.
- Location and screening of dumpsters.
- Location, dimensions and design of all signage and lighting.
- The proposed use of all parts of the lot and structures.

Building Elevations: Submit 14 copies of a site plan to scale of the subject property indicating the following:

- Location and dimensions (length, width, height) of all proposed buildings and structures.
- Total square footage of each structure.
- The proposed use of all parts of the structures.
- Location and screening of dumpsters.

Deed: Provide a copy of the deed for the property with any deed restrictions. Deeds can be obtained at www.lcounty.com/rec.

Area Map: Submit 1 copy of an area map from the Licking County Engineer's office showing the property and surrounding area. Area maps can be obtained at www.lcounty.com/taxparcelviewer/default.

Signatures

I certify the facts, statements and information provided on and attached to this application are true and correct to the best of my knowledge. Also, I authorize City of Pataskala staff to conduct site visits and photograph the property as necessary as it pertains to this Planned Manufacturing District request.

Applicant (required):



Date:

2/5/2024

Property Owner (required):



Date:

2/5/2024



March 8, 2024

Mr. Scott Fulton, Planning Director
City of Pataskala
621 W. Broad Street
Pataskala, OH 43062

SUBJECT: Planned Manufacturing District Site Plan Application

Dear Mr. Fulton:

Red Rock Developments, LLC is pleased to present you with our Site Plan for the next phase of Red Chip Farms, Red Chip Farms 2B. The site is located at the northwest corner of the Refuge Road and Etna Parkway (064-152862-00.001). The site consists of 43.171 acres that is currently used for farming. The proposed development consists of 2 speculative industrial buildings. Each speculative building will be rear loaded and 225,120 square feet. The site will be compliant with the Planned Manufacturing District requirements and all other City, State, and Federal requirements.

Compliance with the Planned Manufacturing District:

1253.05 General Requirements

- A. Building Height is 46'6"
- B. Minimum Lot Area and Lot Width are both exceeded
- C. Setbacks
 - 1. Etna Parkway
 - a. Building 150.2'-151.5' (sheets 3 & 4)
 - b. Parking more than 25' (sheets 3 & 4)
 - c. Mounding 4'-6' high undulated with landscaping (sheets 5, 6, 7, & 8)
 - 2. Refuge Road
 - a. Building 478.7' (sheet 4)
 - b. Parking is more than 50' (sheet 4)
 - c. Mounding 8'-10' high undulating (sheet 7 & 8)
 - 3. Side and Rear Yards
 - a. North Side Yard
 - i. Building is more than 50' (sheet 3)
 - ii. Parking is more than 25'(sheet 3)
 - b. South side Yard is the frontage along Refuge Road (sheet 4)
 - c. Rear Yard
 - i. Building 214.2' – 215.1' (sheets 3 & 4)



- ii. Parking is more than 25' (sheets 3 & 4)
- iii. Interior setbacks are greater than zero (sheets 3 & 4)
- 4. Residential – the property does not abut a residential use or district

D. Mounding

- 1. First floor is equal to base of the mound (sheet 8)
- 2. Mounding Slope is 3:1 - 4:1 (sheet 8)
- 3. Mounding undulation and width (sheet 5, 6, 7, & 8)
- 4. Site wall if slope can not be met is not applicable
- 5. Plantings or fence in lieu of mounding is not applicable
- 6. **Note** – due to the unique characteristics of the site (wetland and AEP ROW) the mounding is curved around the northern side of the building. Although not directly on Etna Parkway, it still provides the same screening from the road and meets the intent of the ordinance.

E. Landscaping

- 1. Mixture of deciduous and evergreen trees, shrubs, bushes to provide 75% opacity in 5 years. (see plant legend sheets 5, 6, & 7)
- 2. Tree Install sizes (see plant legend sheets 5, 6, & 7)
 - a. **Note:**
 - i. Species were determined by typical stock at local nurseries
 - ii. Each species of deciduous trees can be 2', 2.5', or 3'. The final determination of what will be each caliper will depend on in stock at the time reservation but Ordinance required percentage will be met and shown on the construction drawings
 - iii. Evergreens are specified by height not caliper and not included in the percentage of caliper size calculations.
- 3. Tree Diversity (see plant legend sheets 5, 6, & 7)
- 4. Trees underplanting will be grassed with mulch over the tree roots (sheet 5, 6, & 7)
- 5. Use of existing forest is not applicable
- 6. All required mounding and landscaping to be installed concurrent with construction (see note on sheets 5, 6, & 7)
- 7. Maintenance of the landscaping will be the owner's responsibility
- 8. Chapter 1283 applicable requirements will be met.
- 9. Plan demonstrating compliance (sheets 5, 6, 7, & 8)

F. Outdoor Storage areas will be determined, if any, with tenant upfit

G. Loading Docks are located at the rear of the building

H. Maximum Lot Occupancy is not exceeded

I. Parking & Loading will all be on-site and meet setback requirements



- J. Signs are consistent with the requirements of Chapter 1295 and are consistent with Red Chip Farms Phase 1. (see signage standards)
- K. Trash and Garbage Control will be determined with tenant upfit
- L. Bulk Requirements, if any, will be determined with tenant upfit
- M. Access will only be on Etna Parkway
- N. Siting Criteria is not applicable
- O. Drainage will be in accordance with the latest version of the City of Columbus Stormwater Drainage Manual
- P. Lighting
 1. All lighting will be consistent in style, full cut-off, directional, and will not exceed 30' in height. (see sheets 3 & 4, photometric study, and fixture cut sheets)
 2. All building lighting ingress/egress will be full cut off, down cast, and main entrance sconces are shielded by an awning. (see fixture cut sheets)
 3. No permanent-colored lights or neon lights will be used.
 4. All lighting will be in accordance with other applicable provisions of the Codified Ordinances
 5. Public Street Lighting is not applicable
 6. No light spillage onto adjacent properties (see photometric study)
 7. A photometric study, light poles location on sheets 3 & 4, and fixture cut sheets have been provided to demonstrate compliance
- Q. Traffic Management – A Traffic Impact Study will be completed and in accordance with discussions with the Planning Director, a memo has been provided on the Traffic Impact Study.
- R. Noise Impact Analysis has not been required to date.
- S. Architectural Standards
 1. Buildings are employing a comparable use of materials on all elevations (see rendering)
 2. No accessory or ancillary buildings are planned
 3. Building elevations are consistent with each other and Red Chip Farms Phase 1
 4. Buildings are of a consistent/compatible design with Red Chip Farms Phase 1
 5. Architectural design meet community standards and are consistent with Red Chip Farms Phase 1
 6. Landscaping is utilized around the building to provide a better aesthetic to the overall development (see sheets 5, 6, & 7)



1253.06 PERFORMANCE STANDARDS

- A. No industry will be established, maintained, or permitted which produces objectional light, smoke, dust, noise, odor, gas, vapors or vibration.
- B. All buildings will be serviced by SWLCWSD (see will serve letter)
- C. The development will meet all local, State of Ohio, and Federal requirements

1253.07 APPLICATION

Planned Manufacturing Application and Filing Fees	X
The Appropriate Number of Copies of the Planned Manufacturing Plan	X
Electronic Copy of the Planned Manufacturing Plan	X
Other Information required	X
Cover Letter	X

Included:

- A. Planned Manufacturing Plan (9 pages)
- B. Building Elevations (2 pages)
- C. Photometric Study (5 pages)
- D. Lighting Fixtures Cut Sheets
 - a. Parking and Truck Court (pole and wall mounted)
 - b. Egress Lighting
 - c. Decorative Sconces
- E. Sign Standards
- F. Traffic Impact Study Letter as requested by the Planning Director
- G. SWLCWSD Will Serve Letter

The above demonstrates compliance with the City of Pataskala Zoning Ordinance, Chapter 1253, Planned Manufacturing District (PM) and many instances exceed those requirements. Red Rock Developments, LLC looks forward to the next Phase of Red Chip Farms for the realization of Pataskala’s Corporate Park vision that was planned more than 20 years ago.

Sincerely,

Todd A, Ward, AICP
Senior Vice President Planning & Entitlements
Red Rock Developments, LLC

February 9, 2024

17038

City of Pataskala
Mr. Alan Haines, PE
621 West Broad Street, Suite 1B
Pataskala, OH 43062

RE: Traffic Summary Letter
Red Chip 2B Pataskala, Ohio

Mr. Haines,

Red Rock Development (RRD) has retained Sara Senger with TEC Engineering, Inc. to prepare the required Traffic Impact Study (TIS) for the Red Chip 2B development that has been submitted to the city of Pataskala for site plan approval. Ms. Senger has been working with the city and their consultant, GPD Group, to verify the scope of intersections to be analyzed, appropriate use designations for traffic generation, distribution of traffic, growth rates, etc. so that the TIS can be prepared. Upon approval of the memorandum of understanding (MOU) by the city, the TIS can be finalized and submitted to the city.

The TIS will evaluate the entrances for this development and identify the required improvements to be made on Etna Parkway for desired traffic flow and turning movements into and out of the new facility. Based on preliminary review of the traffic and based on a previously prepared TIS for another RRD development, it is anticipated that northbound left turn lanes into each of the three (3) entrances to Etna Parkway will be required. Upon confirmation of distribution and growth rates, which will occur in concert with the city, GPD group and Mid-Ohio Regional Planning Commission (MORPC), the final lengths of the turn lanes will be calculated and included in the final TIS.

The TIS will also evaluate multiple intersections surrounding the development and as defined in the MOU by the city and GPD Group. This data will be provided to the city to be utilized in their evaluation and allocation of the impact fees collected for the development.

In short, the TIS will be completed in accordance of the City of Pataskala requirements and required improvements will be installed for the safety of the traveling public.

Sincerely,
VERDANTAS LLC



Amanda E Spencer
Senior Project Manager

z:\project files\qa-rz\redrock\17038 - red chip farms iib - bldgs e & f\working\documents\2024.02.09 rc2b traffic letter.docx

SOUTHWEST LICKING COMMUNITY WATER & SEWER DISTRICT

MAILING ADDRESS:
P.O. Box 215
Etna, Ohio 43018

ADMINISTRATIVE OFFICE:
8675 York Road SW
Pataskala, Ohio 43062

PHONE: 740.927.0410
FAX: 740.927.4700
WEBSITE: www.swlcws.com



March 6, 2024

Todd Ward
650 South Tryon Street, Suite 420
Charlotte, NC 28202

Re: Water/Sanitary Utility Location Request – 064-152862-00.001

Dear Mr. Ward,

In response to your utility location inquiry, it appears, preliminarily that:

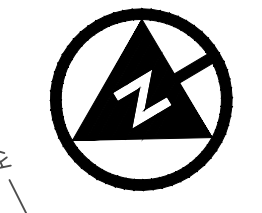
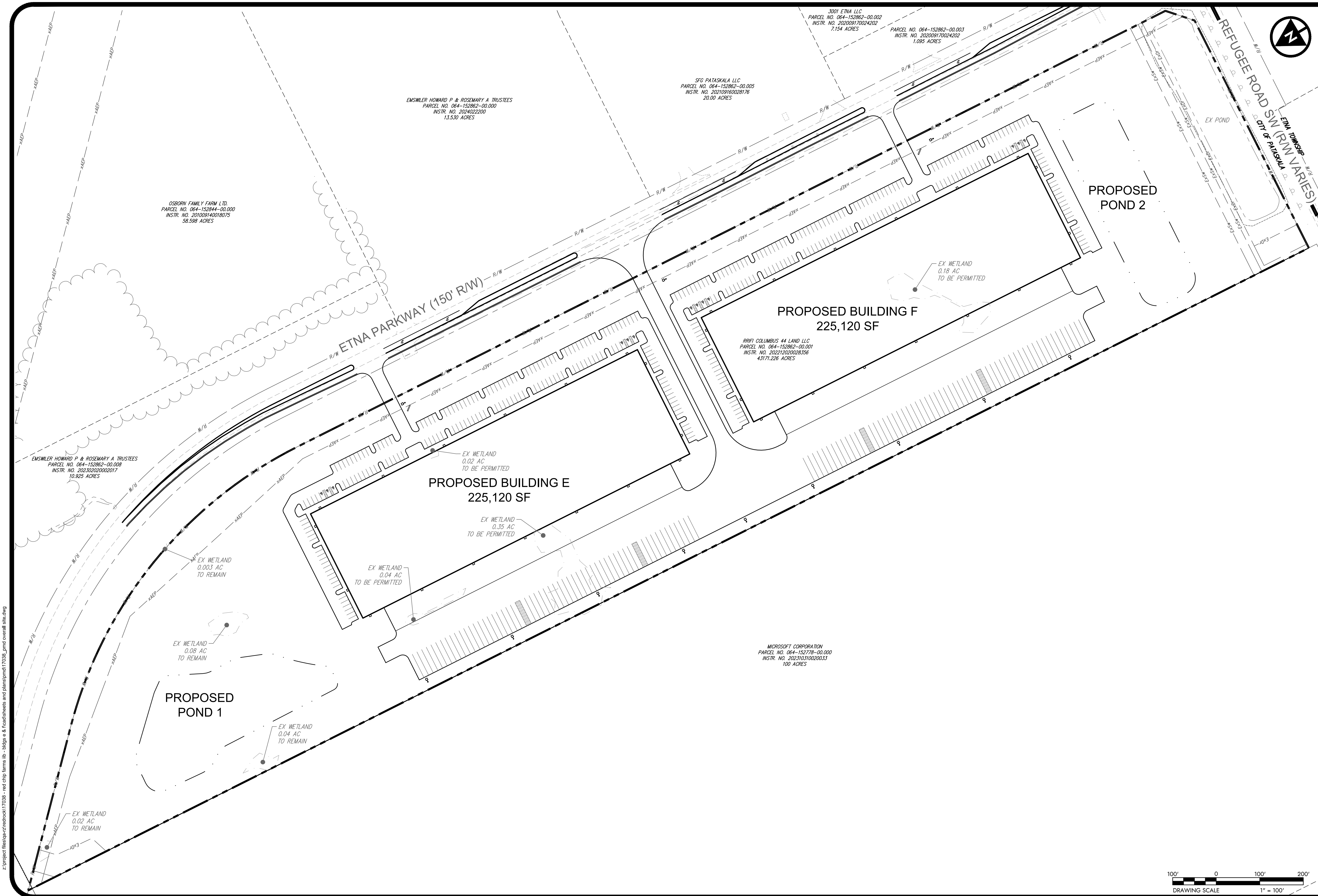
1. The District has a 16" water main on the east side of Etna Parkway SW;
2. The District does not currently have sanitary sewer infrastructure to the parcel listed above, however, the District is currently in construction of sanitary sewer infrastructure within the Pataskala and Etna Corporate Parks. The sanitary sewer infrastructure will need to be completed and operational prior to acceptance of any flow. It is anticipated that this infrastructure will be completed by end of year 2024. Any sanitary sewer flow derived from the parcel noted above will need to be offset from the existing development agreement between Red Rock Developments and the District for parcel number 064-152898-00.000 up to and until the Wagram Wastewater Treatment Center is placed online. It is anticipated that the Wagram Wastewater Treatment Center will be completed in 2026.

Please note per Section 106 of the District's Rules & Regulations, "[t]he District does not guarantee water and/or sanitary sewer service capacity to any person as defined herein for any purpose, whether such purpose be residential, commercial or industrial/manufacturing. Nothing in these Rules and Regulations or other written document of the District shall be construed to constitute an expressed or implied guarantee of the availability of water and/or sanitary sewer services to any property in any amount, or of the intent of the District to provide the same."

If you have any questions, please feel free to contact me at any time.

Sincerely,

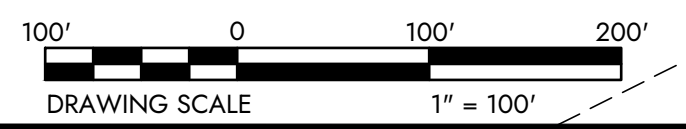
Christopher Gilcher
Operations Director
740-927-0410
cgilcher@swlcws.com



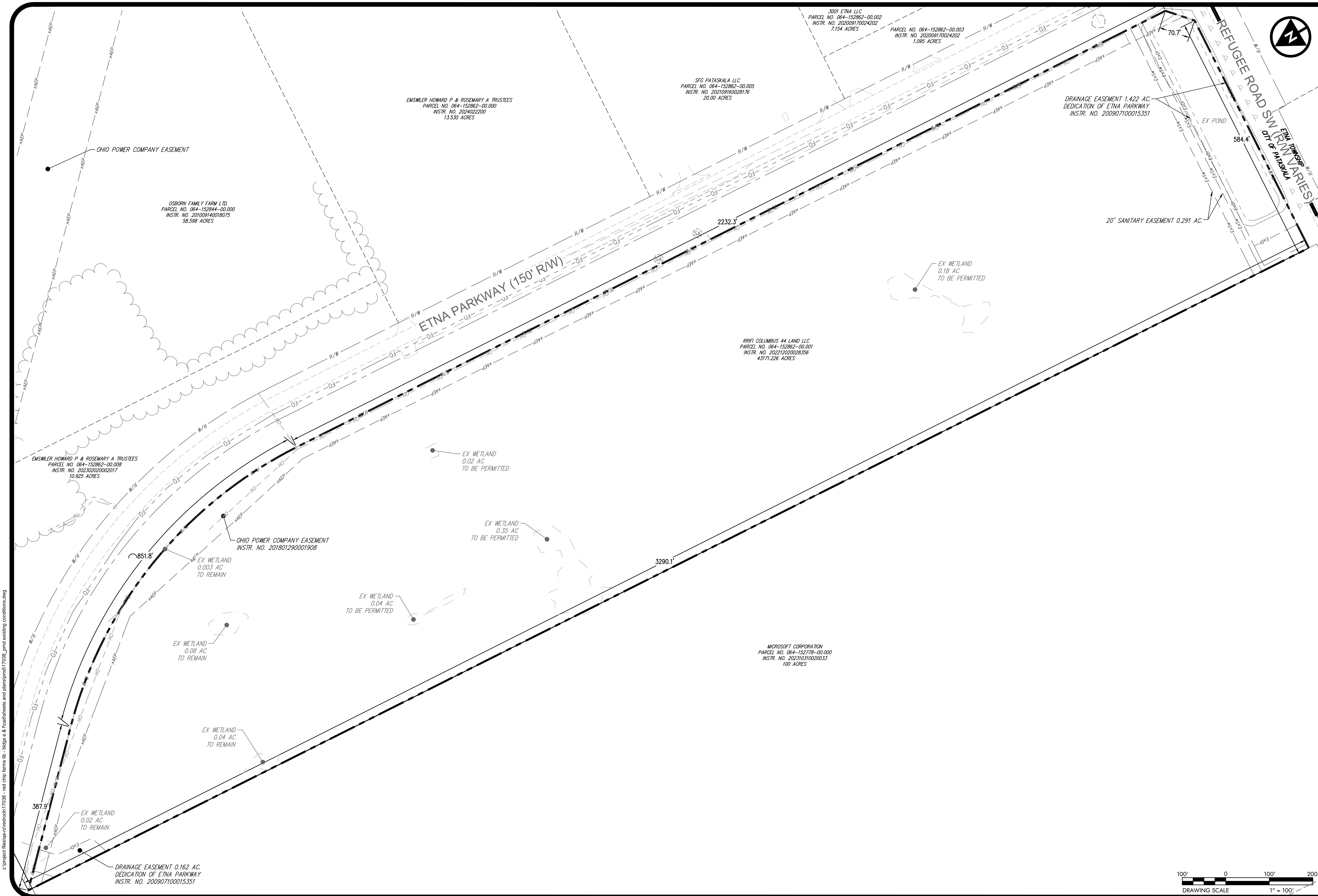
DESIGNED BY: AES	DRAWN BY: VRH	CHECKED BY: AES	PROJECT NO. 17038
CHD BY: DATE	REVISION	No.	

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
RED CHIP 2B
PMD ZONNING PLAN
OVERALL SITE LAYOUT

APPLICATION NO.
DATE: 2024.03.08
SCALE: 1" = 100'
SHEET: 1



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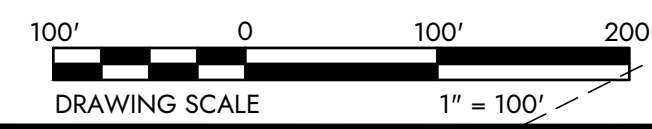


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DESIGNED BY: AES	DRAWN BY: VRH	CHECKED BY: AES	PROJECT NO. 17038
CHD BY: DATE	REVISION	No.	

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
**RED CHIP 2B
PMD ZONNING PLAN**
EXISTING CONDITIONS

APPLICATION NO.
DATE: 2024.03.08
SCALE: 1" = 100'
SHEET: 2



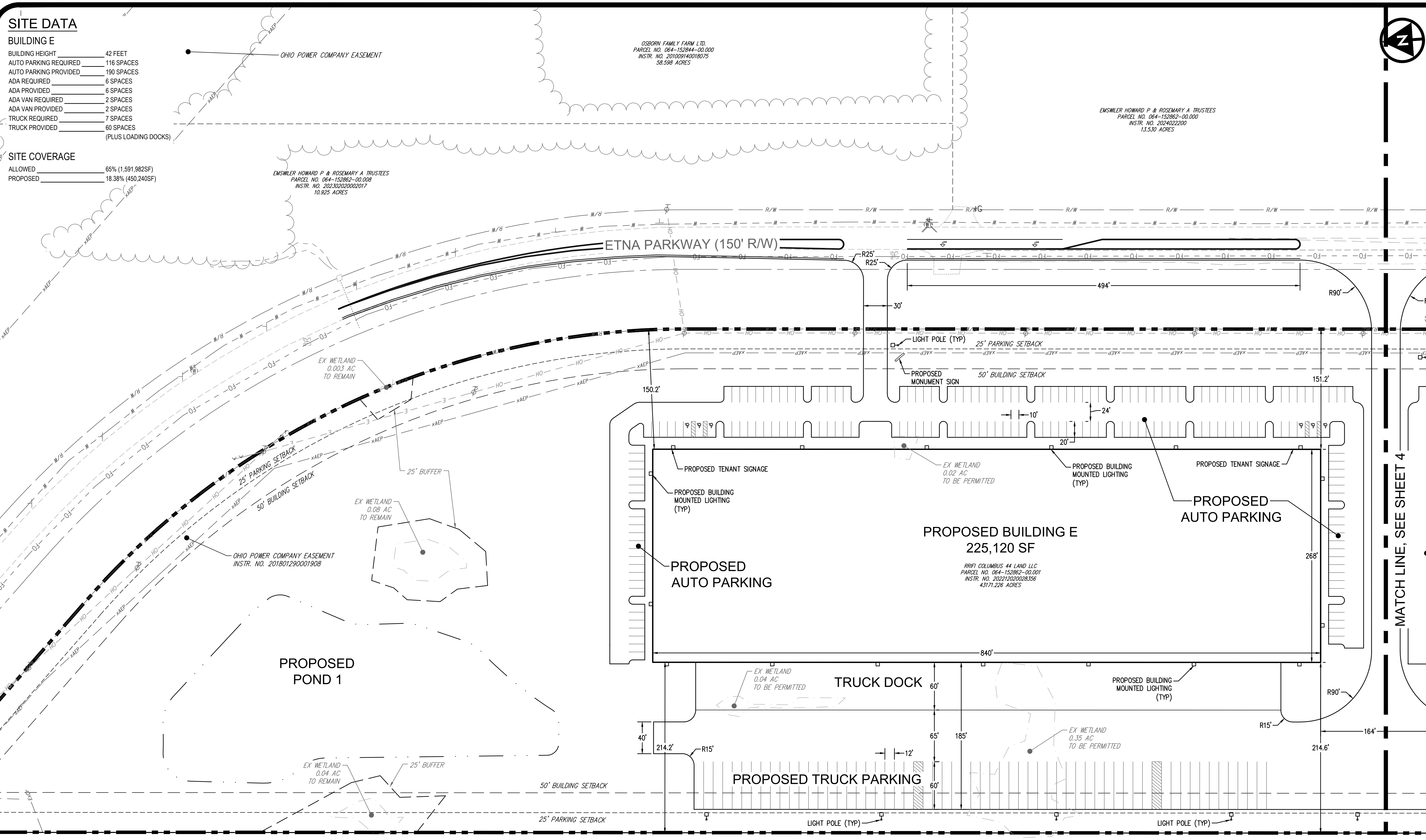
SITE DATA

BUILDING E

BUILDING HEIGHT	42 FEET
AUTO PARKING REQUIRED	116 SPACES
AUTO PARKING PROVIDED	190 SPACES
ADA REQUIRED	6 SPACES
ADA PROVIDED	6 SPACES
ADA VAN REQUIRED	2 SPACES
ADA VAN PROVIDED	2 SPACES
TRUCK REQUIRED	7 SPACES
TRUCK PROVIDED	60 SPACES (PLUS LOADING DOCKS)

SITE COVERAGE

ALLOWED	65% (1,591,982SF)
PROPOSED	18.38% (450,240SF)



OSBORN FAMILY FARM LTD.
PARCEL NO. 064-152844-00.000
INSTR. NO. 201009140018075
58.598 ACRES

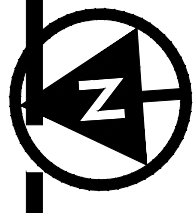
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INSTR. NO. 2024022200
13.530 ACRES

ENSWLER HOWARD P & ROSEMARY A TRUSTEES
PARCEL NO. 064-152862-00.008
INSTR. NO. 202302020002017
10.925 ACRES

OHIO POWER COMPANY EASEMENT
INSTR. NO. 201801290001908

RRRF COLUMBUS 44 LAND LLC
PARCEL NO. 064-152862-00.001
INSTR. NO. 202212020028356
43171.226 ACRES

MICROSOFT CORPORATION
PARCEL NO. 064-152778-00.000
INSTR. NO. 202310310020033
100 ACRES



DESIGNED BY:	AE
DRAWN BY:	VRH
CHECKED BY:	AE
PROJECT NO.:	17038

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
RED CHIP 2B
PMD ZONING PLAN
SITE LAYOUT

APPLICATION NO.:	
DATE:	2024.03.08
SCALE:	1" = 60'
SHEET:	3

THIS SITE WILL BE DESIGNED IN ACCORDANCE WITH THE CURRENT CITY OF COLUMBUS STORMWATER DRAINAGE MANUAL.

NOTE: THE STORMWATER MANAGEMENT REPORT AND CALCULATIONS WILL BE REVIEWED AND APPROVED AS PART OF THE CONSTRUCTION PLAN PROCESS

NOTE: TRASH RECEPTACLES WILL BE PROVIDED ONSITE PER TENANT SPECIFIC REQUIREMENTS AND SCREENING SHALL BE PROVIDED IN COMPLIANCE WITH SECTION 1253.06. LOCATION AND SCREENING DETAILS WILL BE FINALIZED WITH THE ZONING PERMIT.



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SITE DATA

PARKING - BUILDING F

BUILDING HEIGHT	42 FEET
AUTO PARKING REQUIRED	116 SPACES
AUTO PARKING PROVIDED	206 SPACES
ADA REQUIRED	7 SPACES
ADA PROVIDED	7 SPACES
ADA VAN REQUIRED	2 SPACES
ADA VAN PROVIDED	2 SPACES
TRUCK REQUIRED	7 SPACES
TRUCK PROVIDED	60 SPACES
(PLUS LOADING DOCKS)	

SITE COVERAGE

ALLOWED	65% (1,591,982SF)
PROPOSED	18.38% (450,240SF)

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THIS SITE WILL BE DESIGNED IN ACCORDANCE WITH THE CURRENT CITY OF COLUMBUS STORMWATER DRAINAGE MANUAL.

NOTE: THE STORMWATER MANAGEMENT REPORT AND CALCULATIONS WILL BE REVIEWED AND APPROVED AS PART OF THE CONSTRUCTION PLAN PROCESS

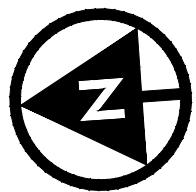
ALA LLC
PARCEL NO. 064-152862-00.005
INSTR. NO. 20210916028176
20.00 ACRES

3001 ETNA LLC
PARCEL NO. 064-152862-00.002
INSTR. NO. 202009170024202
7.154 ACRES

PARCEL NO. 064-152862-00.003
INSTR. NO. 202009170024202
1.085 ACRES

RIFI COLUMBUS 44 LAND LLC
PARCEL NO. 064-152862-00.001
INSTR. NO. 20221202028356
43171.226 ACRES

MICROSOFT CORPORATION
PARCEL NO. 064-152778-00.000
INSTR. NO. 20221010020033
100 ACRES

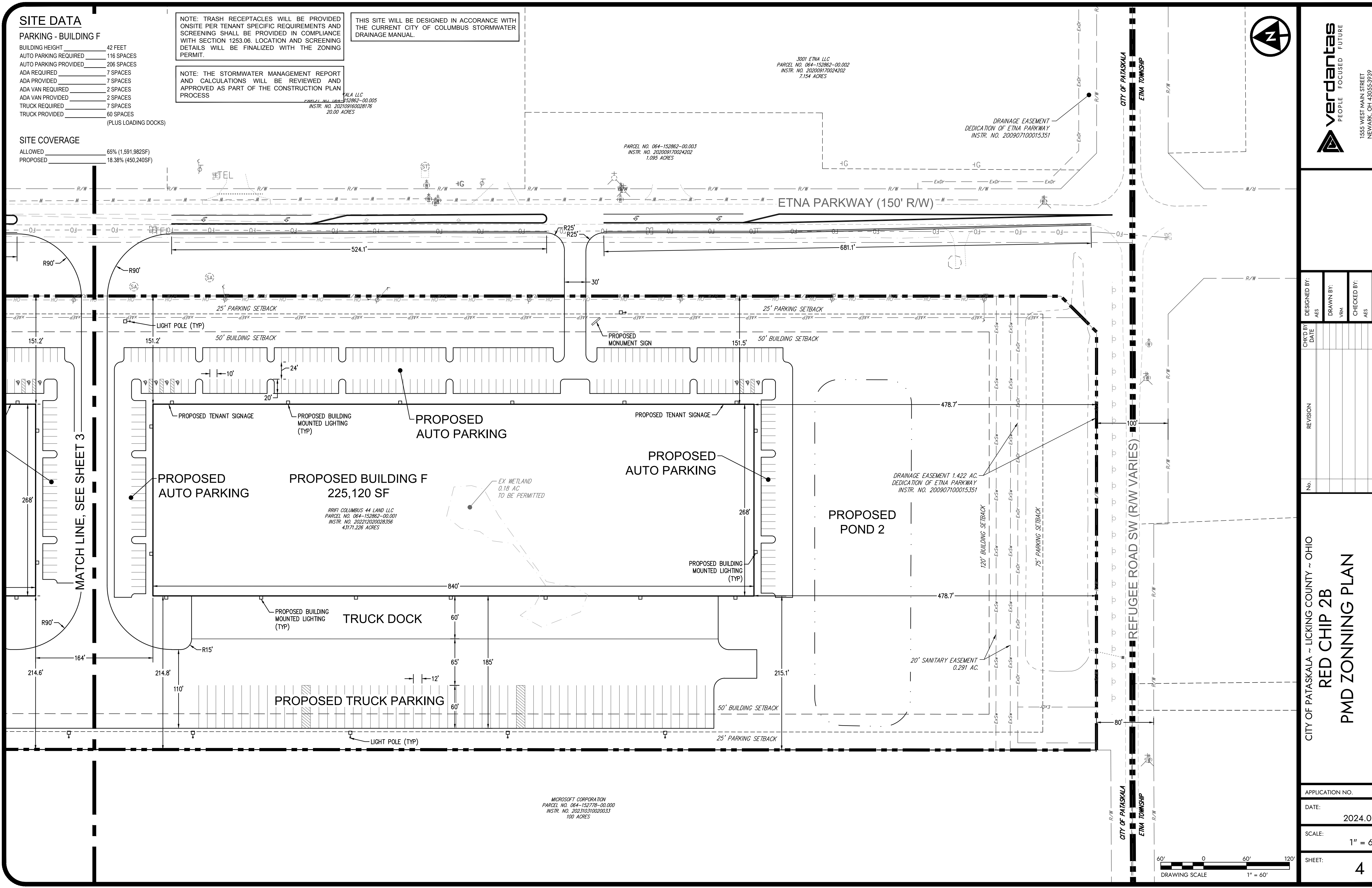


1555 WEST MAIN STREET
NEWARK, OH 43055-9939
TEL 740.344.5451
FAX 614.360.0023

DESIGNED BY: AES	DRAWN BY: YRH	CHECKED BY: AES	PROJECT NO. 17038
CH'D BY: DATE	REVISION	No.	

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
RED CHIP 2B
PMD ZONING PLAN
SITE LAYOUT








APPLICATION NO.
DATE: 2024.03.08
SCALE: 1" = 60'
SHEET: 4



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PLANT LEGEND

-  LIRIODENDRON TULIPIFERA - 2" CALIPER
EMERALD CITY TULIP TREE
TOTAL: 42
-  ULMUS X FRONTIER - 2.5" CALIPER
FRONTIER ELM
TOTAL: 76
-  GYMNOCLADUS DIOICUS - 2" CALIPER
ESPRESSO KENTUCKY COFFEE TREE
TOTAL: 18
-  CARPINUS CAROLINIANA - 3" CALIPER
AMERICAN HORNBEAM
TOTAL: 82
-  PICEA GLAUCA - 2" CALIPER
BLACK HILLS SPRUCE
TOTAL: 78
-  PICEA OMORIKA - 2.5" CALIPER
SERBIAN SPRUCE
TOTAL: 78
-  MEDIUM DECIDUOUS
FLOWERING SHRUB
TOTAL: 718

NOTE: THE LANDSCAPING SHALL PROVIDE A MINIMUM OPACITY OF 75 PERCENT AT SIX FEET IN HEIGHT WITHIN FIVE YEARS.

NOTE: ALL MOUNDING AND LANDSCAPING SHALL BE INSTALLED CONCURRENT WITH BUILDING CONSTRUCTION

INTERIOR LANDSCAPING

1291.13 INTERIOR SCREENING AND/OR LANDSCAPING

OPTION 1: CAPE AREA/PARKING STALL + 1 TREE/200 SF OF LANDSCAPED AREA

BUILDING E REQUIRED 3,800 SF + 19 TREES
BUILDING F REQUIRED 4,120 SF + 21 TREES

BUILDING E PROVIDED 6,072 SF + 31 TREES
BUILDING F PROVIDED 5,795 SF + 29 TREES

PERCENTAGE OF TREE CALIPERS
2" - 37%
2.5" - 41%
3" - 22%

ZONED: PLANNED MANUFACTURING
USE: AGRICULTURAL

EMSWILER HOWARD P & ROSEMARY A TRUSTEES
PARCEL NO. 064-152862-00.008
INSTR. NO. 202302020002017
10.925 ACRES

RRP1 COLUMBUS 44 LAND LLC
PARCEL NO. 064-152862-00.001
INSTR. NO. 202212101028356
4.3171.226 ACRES

MICROSOFT CORPORATION
PARCEL NO. 064-152778-00.000
INSTR. NO. 202310310020033
100 ACRES

ZONED: PLANNED MANUFACTURING
USE: AGRICULTURAL

40' 0 40' 80'
DRAWING SCALE 1" = 40'

DESIGNED BY: AES	DRAWN BY: VRM	CHECKED BY: AES	PROJECT NO. 17038
CHK'D BY: DATE	REVISION	No.	

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
RED CHIP 2B
PMD ZONING PLAN
LANDSCAPE PLAN

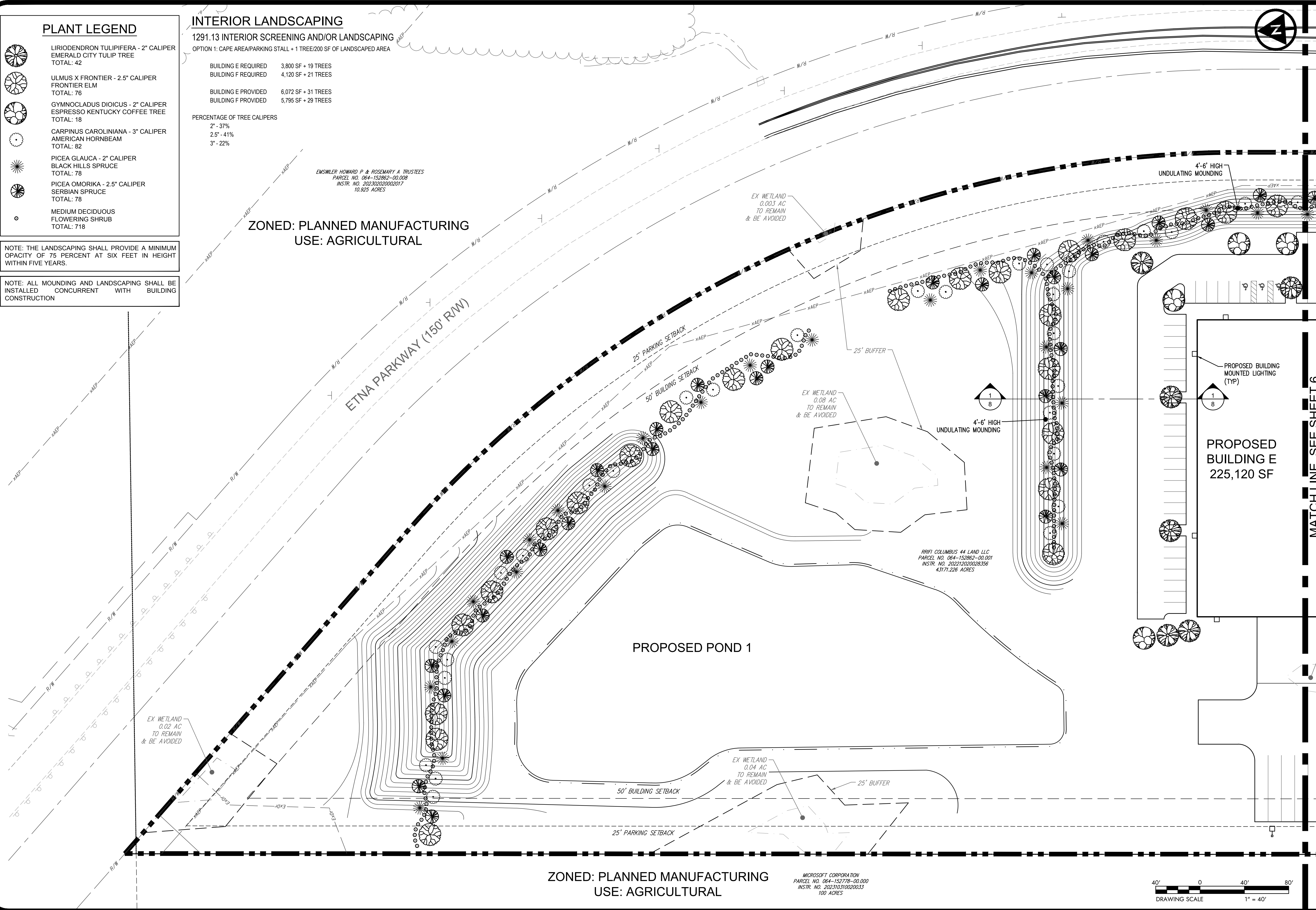
APPLICATION NO.	
DATE:	2024.03.08
SCALE:	1" = 40'
SHEET:	5

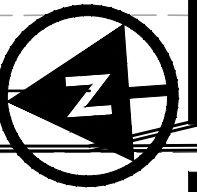


verdantas
PEOPLE FOCUSED FUTURE

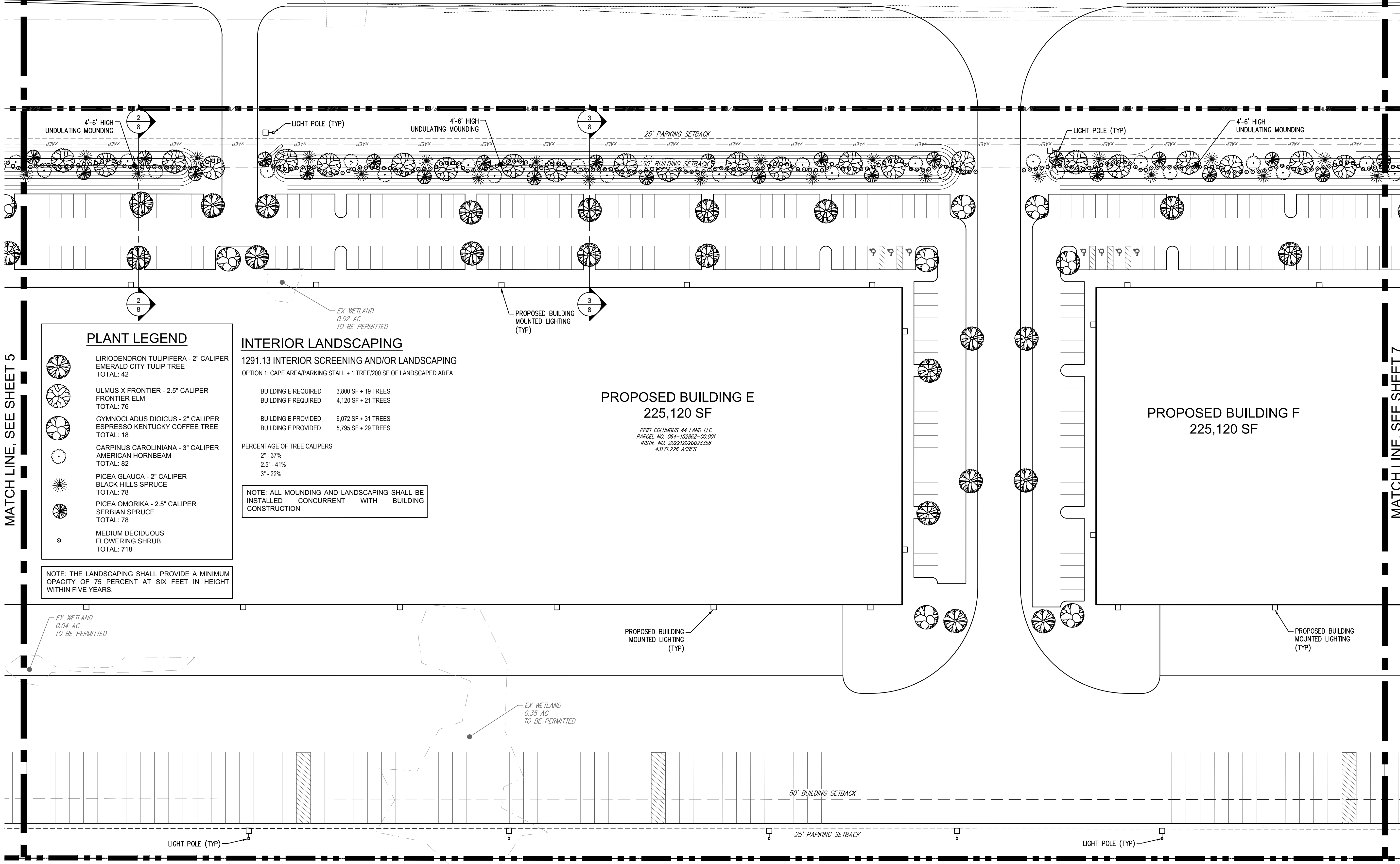
1555 WEST MAIN STREET
NEWARK, OH 43055-9939
TEL. 740.344.5451
FAX. 614.360.0023

MATCH LINE, SEE SHEET 6





ETNA PARKWAY (150' R/W)



PLANT LEGEND

- LIRIODENDRON TULIPIFERA - 2" CALIPER
EMERALD CITY TULIP TREE
TOTAL: 42
- ULMUS X FRONTIER - 2.5" CALIPER
FRONTIER ELM
TOTAL: 76
- GYMNOCLADUS DIOICUS - 2" CALIPER
ESPRESSO KENTUCKY COFFEE TREE
TOTAL: 18
- CARPINUS CAROLINIANA - 3" CALIPER
AMERICAN HORNBEAM
TOTAL: 82
- PICEA GLAUCA - 2" CALIPER
BLACK HILLS SPRUCE
TOTAL: 78
- PICEA OMORIKA - 2.5" CALIPER
SERBIAN SPRUCE
TOTAL: 78
- MEDIUM DECIDUOUS
FLOWERING SHRUB
TOTAL: 718

NOTE: THE LANDSCAPING SHALL PROVIDE A MINIMUM OPACITY OF 75 PERCENT AT SIX FEET IN HEIGHT WITHIN FIVE YEARS.

INTERIOR LANDSCAPING

1291.13 INTERIOR SCREENING AND/OR LANDSCAPING
OPTION 1: CAPE AREA/PARKING STALL + 1 TREE/200 SF OF LANDSCAPED AREA

BUILDING E REQUIRED	3,800 SF + 19 TREES
BUILDING F REQUIRED	4,120 SF + 21 TREES
BUILDING E PROVIDED	6,072 SF + 31 TREES
BUILDING F PROVIDED	5,795 SF + 29 TREES

PERCENTAGE OF TREE CALIPERS

2" - 37%
2.5" - 41%
3" - 22%

NOTE: ALL MOUNDING AND LANDSCAPING SHALL BE INSTALLED CONCURRENT WITH BUILDING CONSTRUCTION

PROPOSED BUILDING E
225,120 SF

RR#1 COLUMBUS 44 LAND LLC
PARCEL NO. 064-152862-00.001
INSTR. NO. 202212020028356
43171.226 ACRES

PROPOSED BUILDING F
225,120 SF

MATCH LINE, SEE SHEET 5

MATCH LINE, SEE SHEET 7

DESIGNED BY: AES	DRAWN BY: VRA	CHECKED BY: AES	PROJECT NO. 17038
CHD BY: DATE	REVISION	No.	

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
RED CHIP 2B
PMD ZONNING PLAN
LANDSCAPE PLAN

APPLICATION NO.	
DATE:	2024.03.08
SCALE:	1" = 40'
SHEET:	6

ZONED: PLANNED MANUFACTURING
USE: AGRICULTURAL

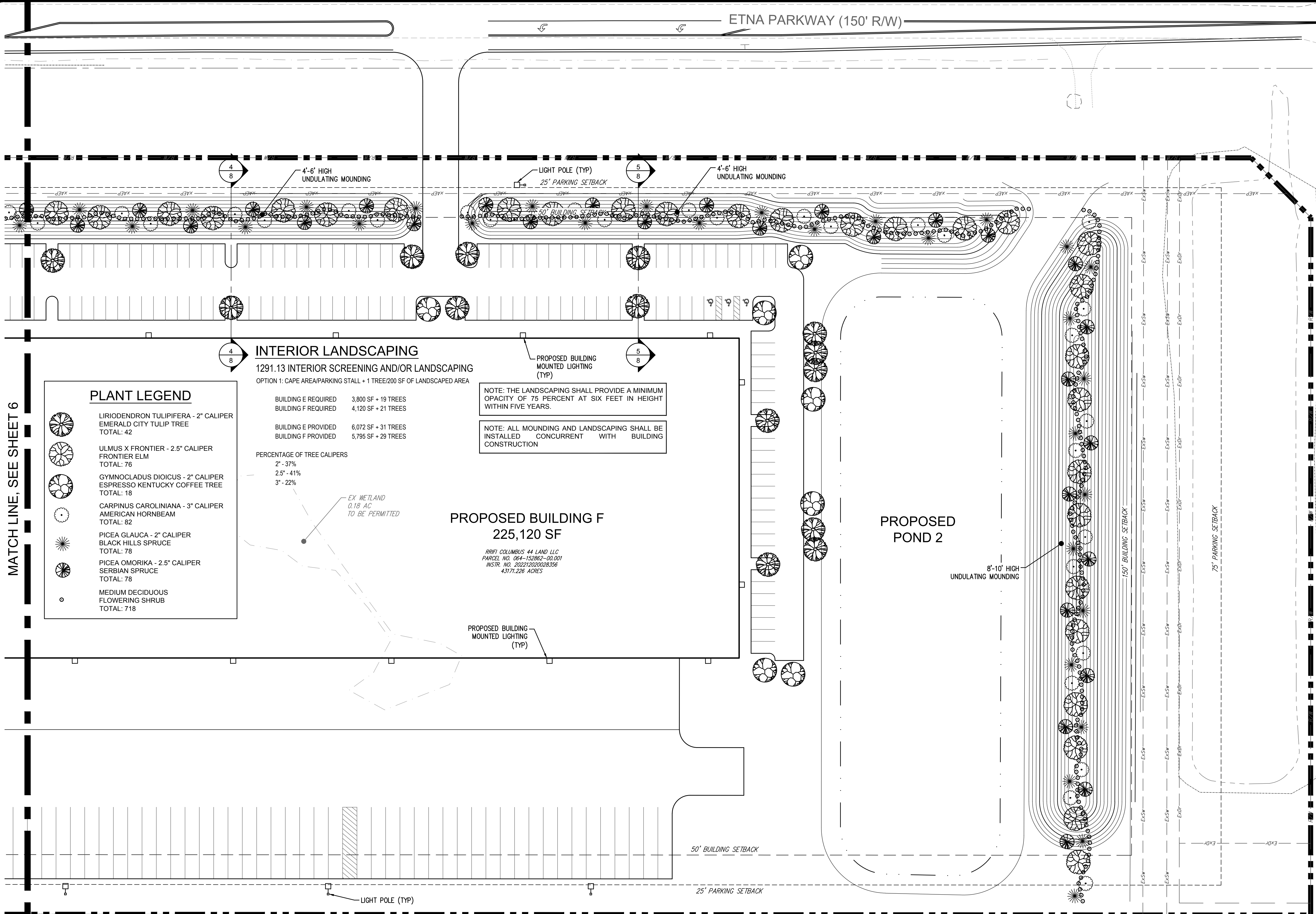
MICROSOFT CORPORATION
PARCEL NO. 064-152779-00.000
INSTR. NO. 202310310020033
100 ACRES



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Z:\project\files\oa-z\retrock\17038 - red chip farms lb - bldgs e & f\ardsheets and plans\smc17038_jmd landscape plan.dwg

MATCH LINE, SEE SHEET 6



ETNA PARKWAY (150' R/W)



INTERIOR LANDSCAPING

1291.13 INTERIOR SCREENING AND/OR LANDSCAPING
OPTION 1: CAPE AREA/PARKING STALL + 1 TREE/200 SF OF LANDSCAPED AREA

PLANT LEGEND

- LIRIODENDRON TULIPIFERA - 2" CALIPER EMERALD CITY TULIP TREE TOTAL: 42
- ULMUS X FRONTIER - 2.5" CALIPER FRONTIER ELM TOTAL: 76
- GYMNOCLADUS DIOICUS - 2" CALIPER ESPRESSO KENTUCKY COFFEE TREE TOTAL: 18
- CARPINUS CAROLINIANA - 3" CALIPER AMERICAN HORNBEAM TOTAL: 82
- PICEA GLAUCA - 2" CALIPER BLACK HILLS SPRUCE TOTAL: 78
- PICEA OMORIKA - 2.5" CALIPER SERBIAN SPRUCE TOTAL: 78
- MEDIUM DECIDUOUS FLOWERING SHRUB TOTAL: 718

BUILDING REQUIREMENTS

BUILDING E REQUIRED	3,800 SF + 19 TREES
BUILDING F REQUIRED	4,120 SF + 21 TREES
BUILDING E PROVIDED	6,072 SF + 31 TREES
BUILDING F PROVIDED	5,795 SF + 29 TREES

PERCENTAGE OF TREE CALIPERS

2" - 37%
2.5" - 41%
3" - 22%

NOTE: THE LANDSCAPING SHALL PROVIDE A MINIMUM OPACITY OF 75 PERCENT AT SIX FEET IN HEIGHT WITHIN FIVE YEARS.

NOTE: ALL MOUNDING AND LANDSCAPING SHALL BE INSTALLED CONCURRENT WITH BUILDING CONSTRUCTION

PROPOSED BUILDING F
225,120 SF

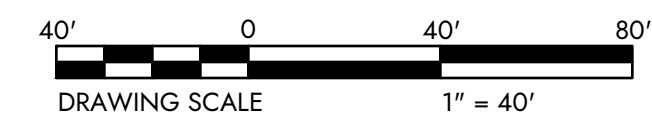
RR#1 COLUMBUS 44 LAND LLC
PARCEL NO. 064-152862-00.001
INSTR. NO. 20221202028356
43171.226 ACRES

PROPOSED POND 2

EX WETLAND
0.18 AC
TO BE PERMITTED

MICROSOFT CORPORATION
PARCEL NO. 064-152778-00.000
INSTR. NO. 202310310020033
100 ACRES

**ZONED: PLANNED MANUFACTURING
USE: AGRICULTURAL**



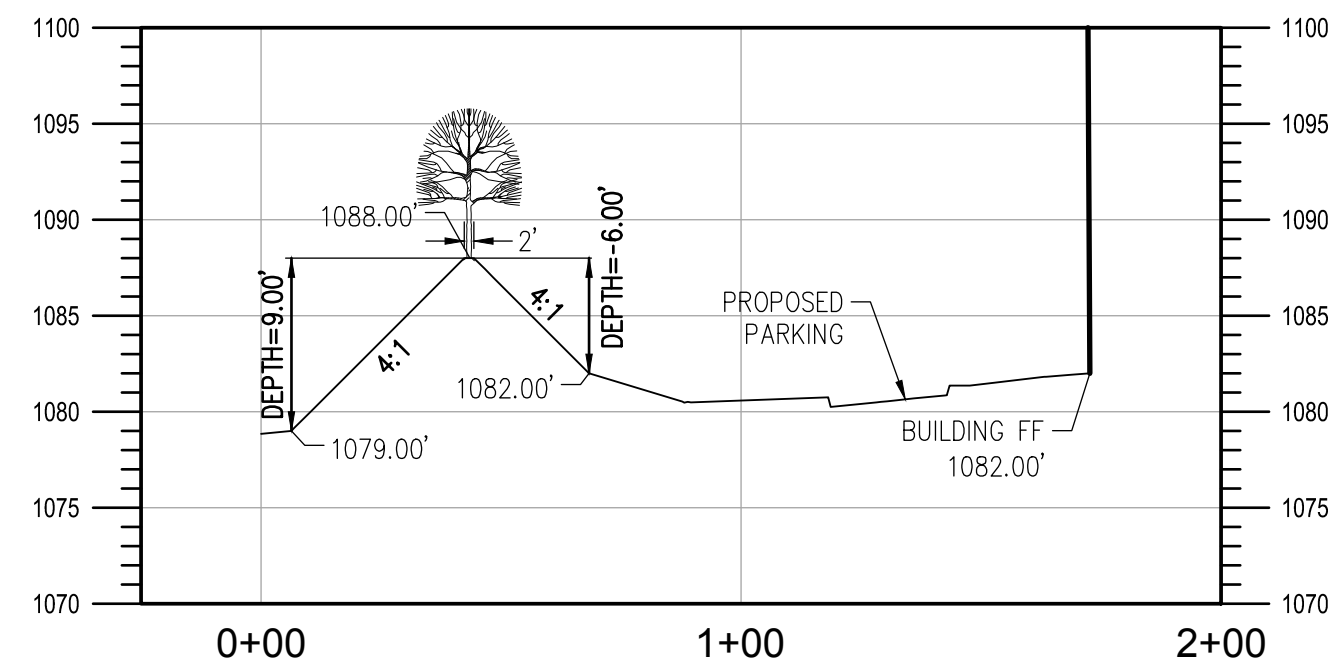
CITY OF PATASKALA
REFUGEE ROAD SW
ETNA TOWNSHIP

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
RED CHIP 2B
PMD ZONNING PLAN
LANDSCAPE PLAN

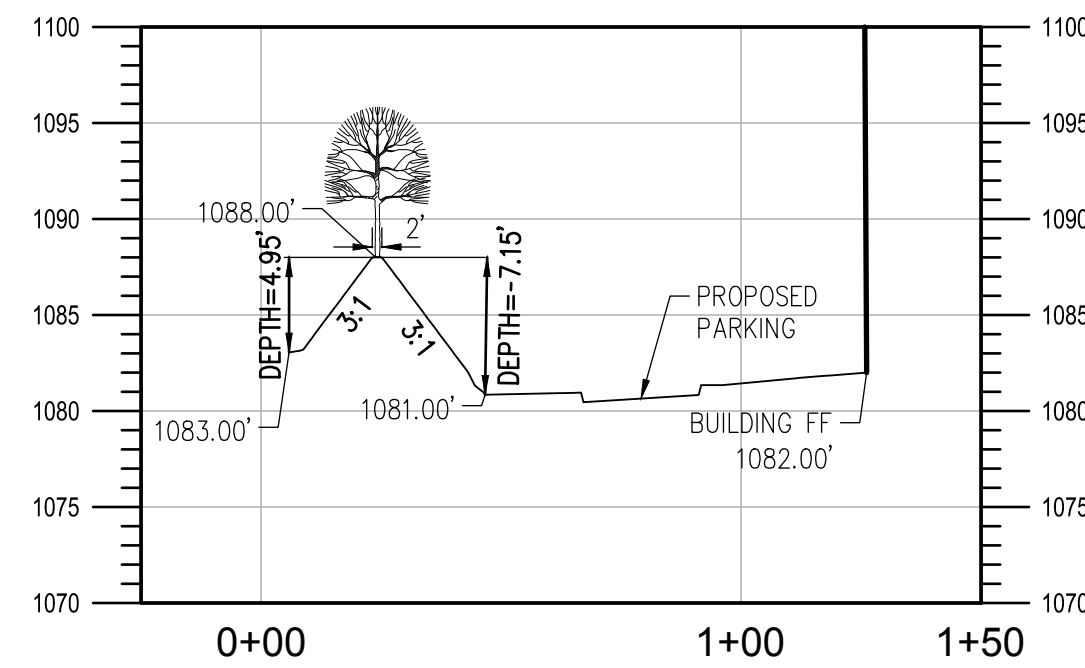
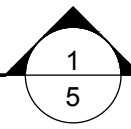
APPLICATION NO.	
DATE:	2024.03.08
SCALE:	1" = 40'
SHEET:	7

DESIGNED BY:	AE
DRAWN BY:	WR
CHECKED BY:	AE
PROJECT NO.:	17038
CHK'D BY:	
DATE:	
REVISION:	
No.	

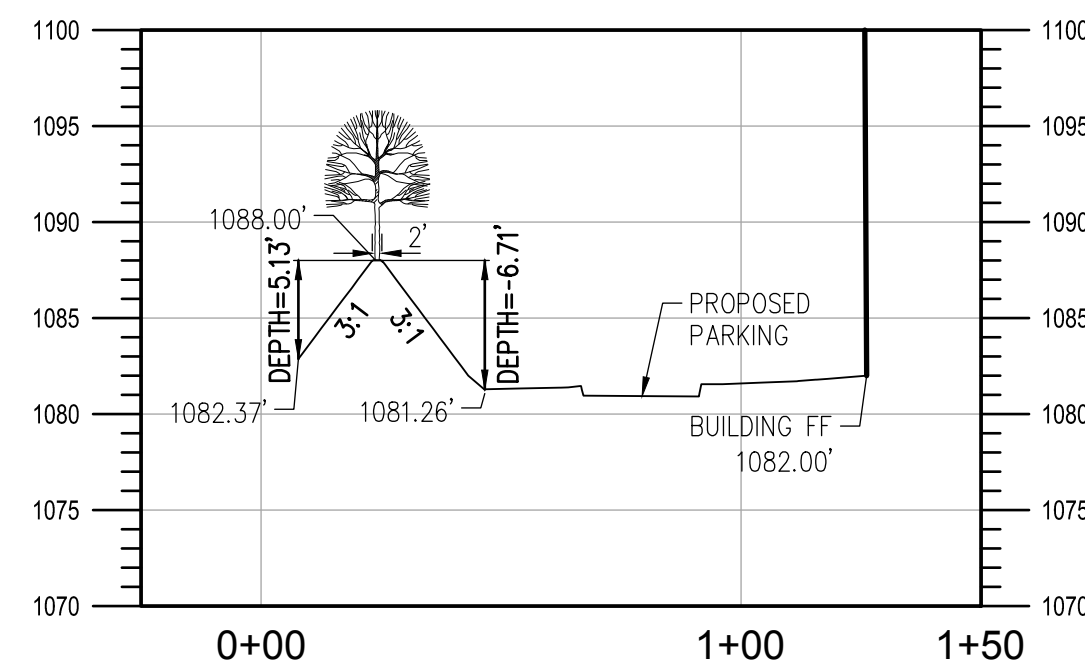
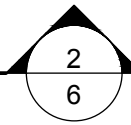
z:\project\files\pa-z\retrock\17038 - red chip farms lb - bldgs e & landscapes and plans\m017038_jmd mounding cross sections.dwg



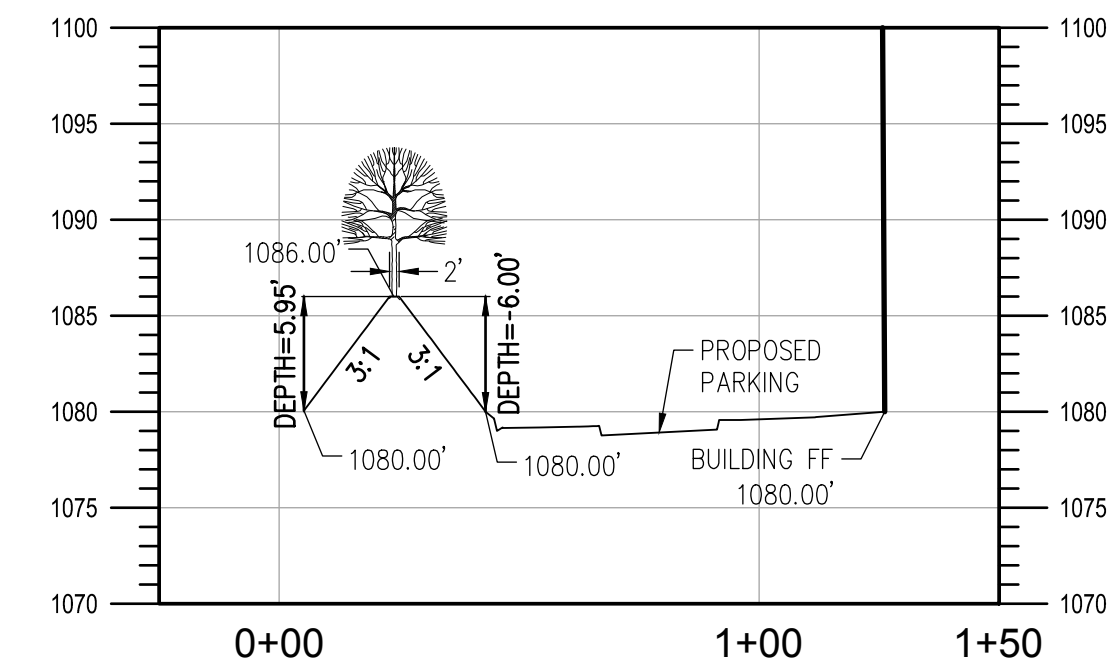
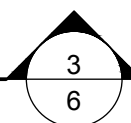
CROSS SECTION 1



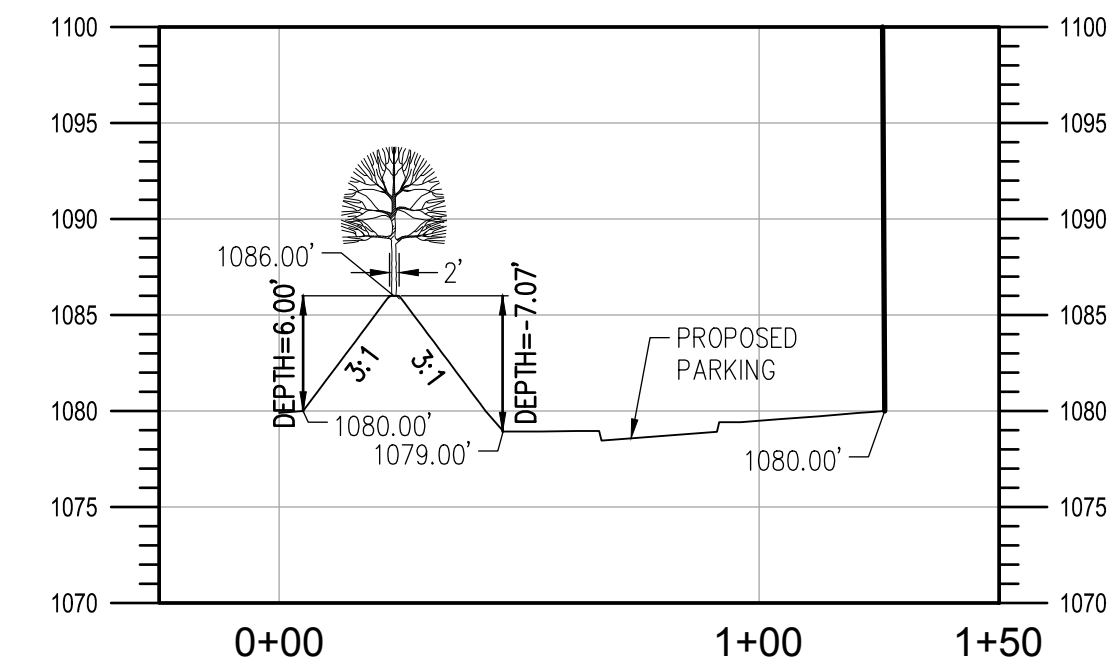
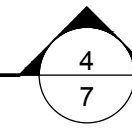
CROSS SECTION 2



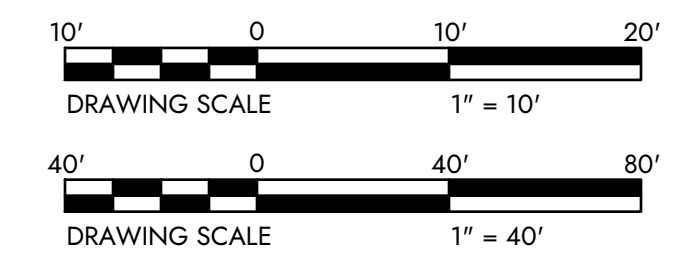
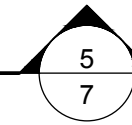
CROSS SECTION 3



CROSS SECTION 4



CROSS SECTION 5



NOTE: THE LANDSCAPING SHALL PROVIDE A MINIMUM OPACITY OF 75 PERCENT AT SIX FEET IN HEIGHT WITHIN FIVE YEARS.

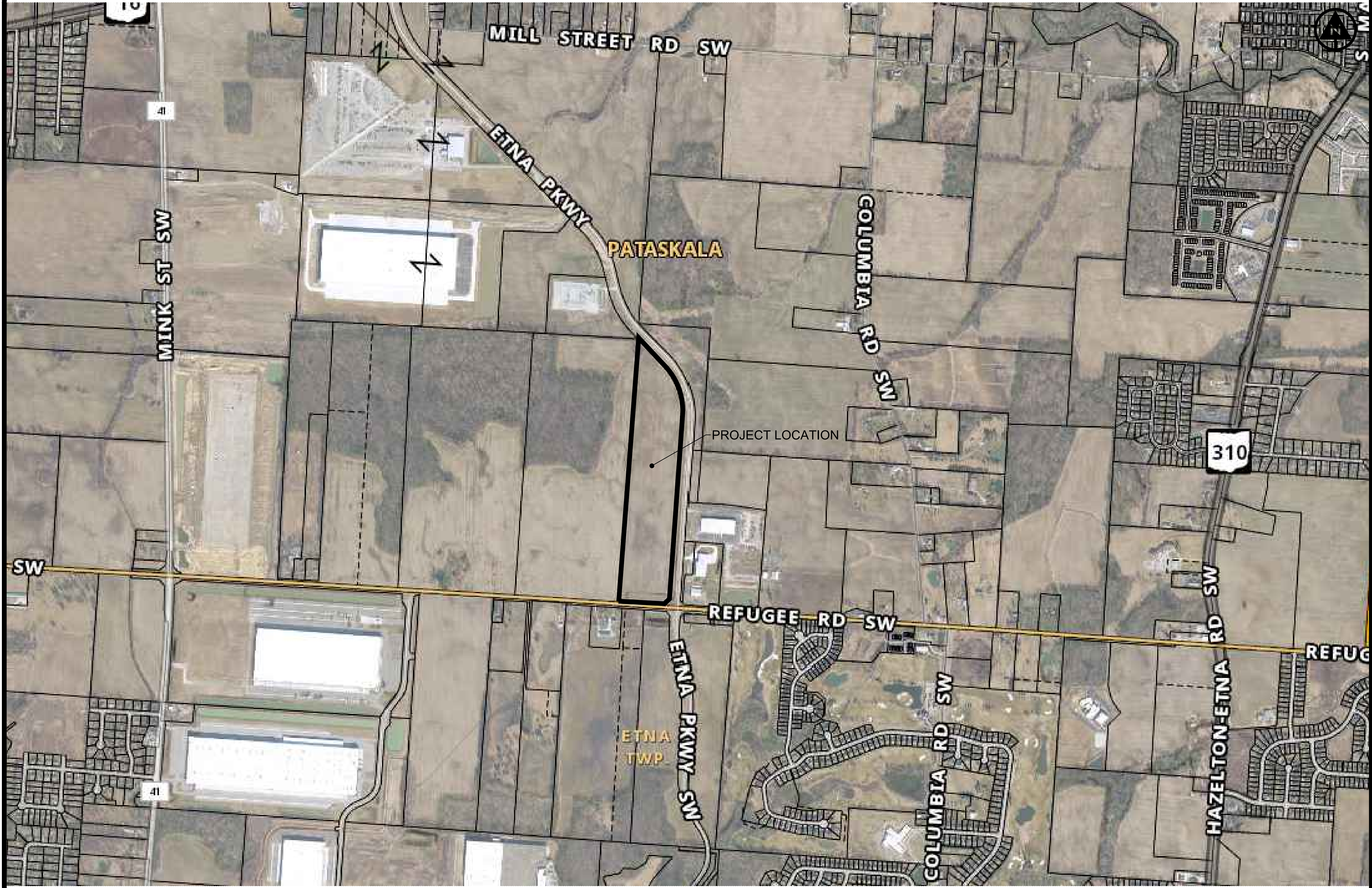
NOTE: ALL MOUNDING AND LANDSCAPING SHALL BE INSTALLED CONCURRENT WITH BUILDING CONSTRUCTION

CH'D BY	DESIGNED BY:	DRAWN BY:	CHECKED BY:	PROJECT NO.
DATE	AES	WRM	AES	17038
REVISION				
No.				

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO
RED CHIP 2B
PMD ZONNING PLAN
MOUNDING CROSS SECTIONS

APPLICATION NO.
DATE: 2024.03.08
SCALE:
SHEET: 8

Z:\project files\pa-cv\retrock\17038 - red chip farms lb - bldgs e & roadsheets and plans\m017038_jmd area map.dwg



1555 WEST MAIN STREET
NEWARK, OH 43055-9939
TEL 740.344.5451
FAX 614.360.0023

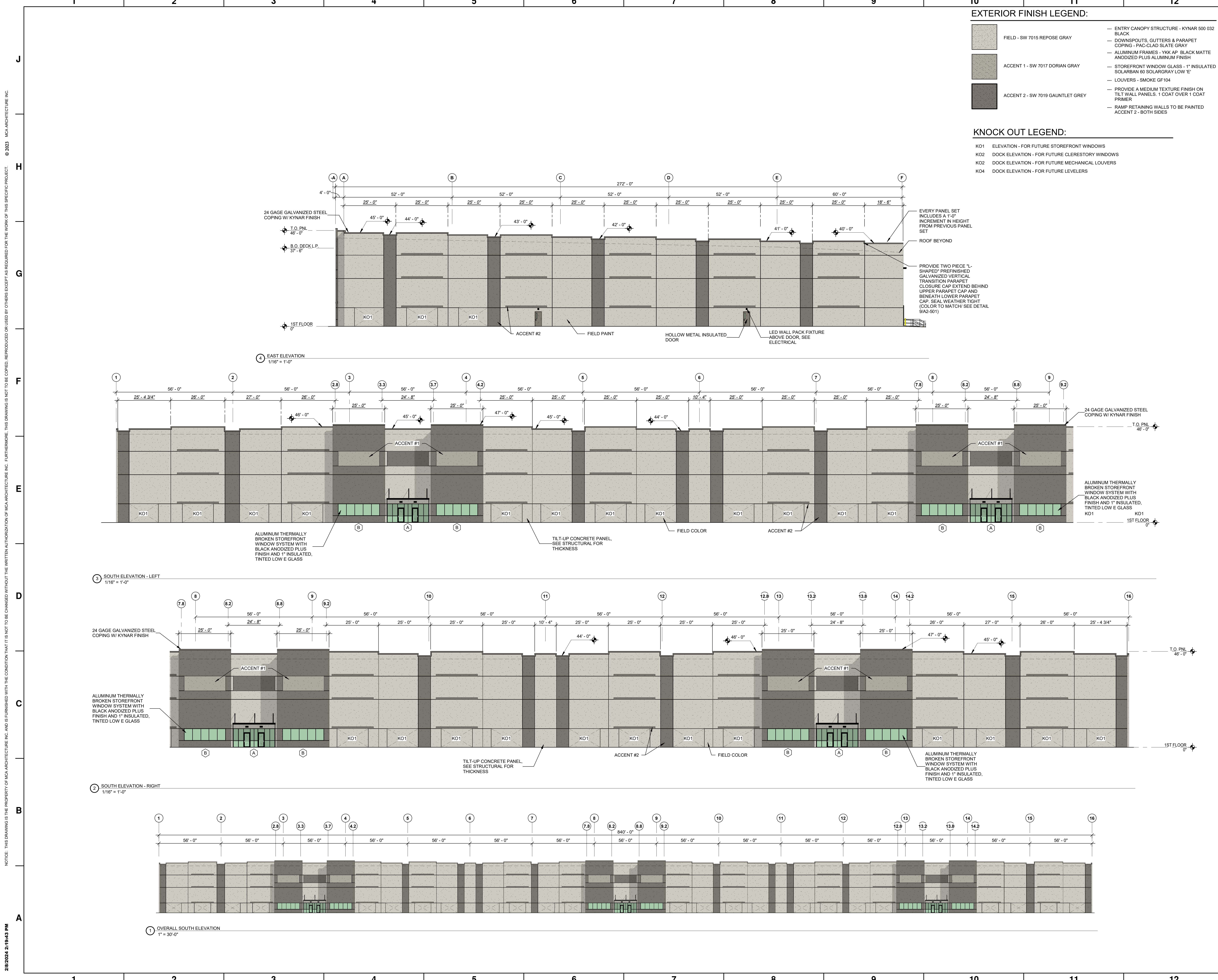
CHK'D BY:	DESIGNED BY:
DATE	AES
REVISION	DRAWN BY:
No.	WRM
	CHECKED BY:
	AES
	PROJECT NO.
	17038

CITY OF PATASKALA ~ LICKING COUNTY ~ OHIO

RED CHIP 2B PMD ZONNING PLAN

AREA MAP

APPLICATION NO.	
DATE:	2024.03.08
SCALE:	NOT TO SCALE
SHEET:	9



EXTERIOR FINISH LEGEND:

- FIELD - SW 7015 REPOSE GRAY
- ACCENT 1 - SW 7017 DORIAN GRAY
- ACCENT 2 - SW 7019 GAUNTLET GREY
- ENTRY CANOPY STRUCTURE - KYNAR 500 032 BLACK
- DOWNSPOUTS, GUTTERS & PARAPET COPING - PAC-CLAD SLATE GRAY
- ALUMINUM FRAMES - YKK AP BLACK MATTE ANODIZED PLUS ALUMINUM FINISH
- STOREFRONT WINDOW GLASS - 1" INSULATED SOLARBAN 60 SOLARGRAY LOW E
- LOUVERS - SMOKE GF104
- PROVIDE A MEDIUM TEXTURE FINISH ON TILT WALL PANELS. 1 COAT OVER 1 COAT PRIMER
- RAMP RETAINING WALLS TO BE PAINTED ACCENT 2 - BOTH SIDES

KNOCK OUT LEGEND:

- KO1 ELEVATION - FOR FUTURE STOREFRONT WINDOWS
- KO2 DOCK ELEVATION - FOR FUTURE CLERESTORY WINDOWS
- KO2 DOCK ELEVATION - FOR FUTURE MECHANICAL LOUVERS
- KO4 DOCK ELEVATION - FOR FUTURE LEVELERS



GREENVILLE
 28 AGORA PLACE
 GREENVILLE, SC 29615
 (T) 864.232.8204

ANDERSON
 400 S. MAIN ST.
 ANDERSON, SC 29624
 (T) 864.232.8204



SEALS

RED CHIP FARMS II PHASE B SPECULATIVE BUILDING 1

PATASKALA, OHIO

Revision Index		
No.	ISSUE DESCRIPTION	DATE

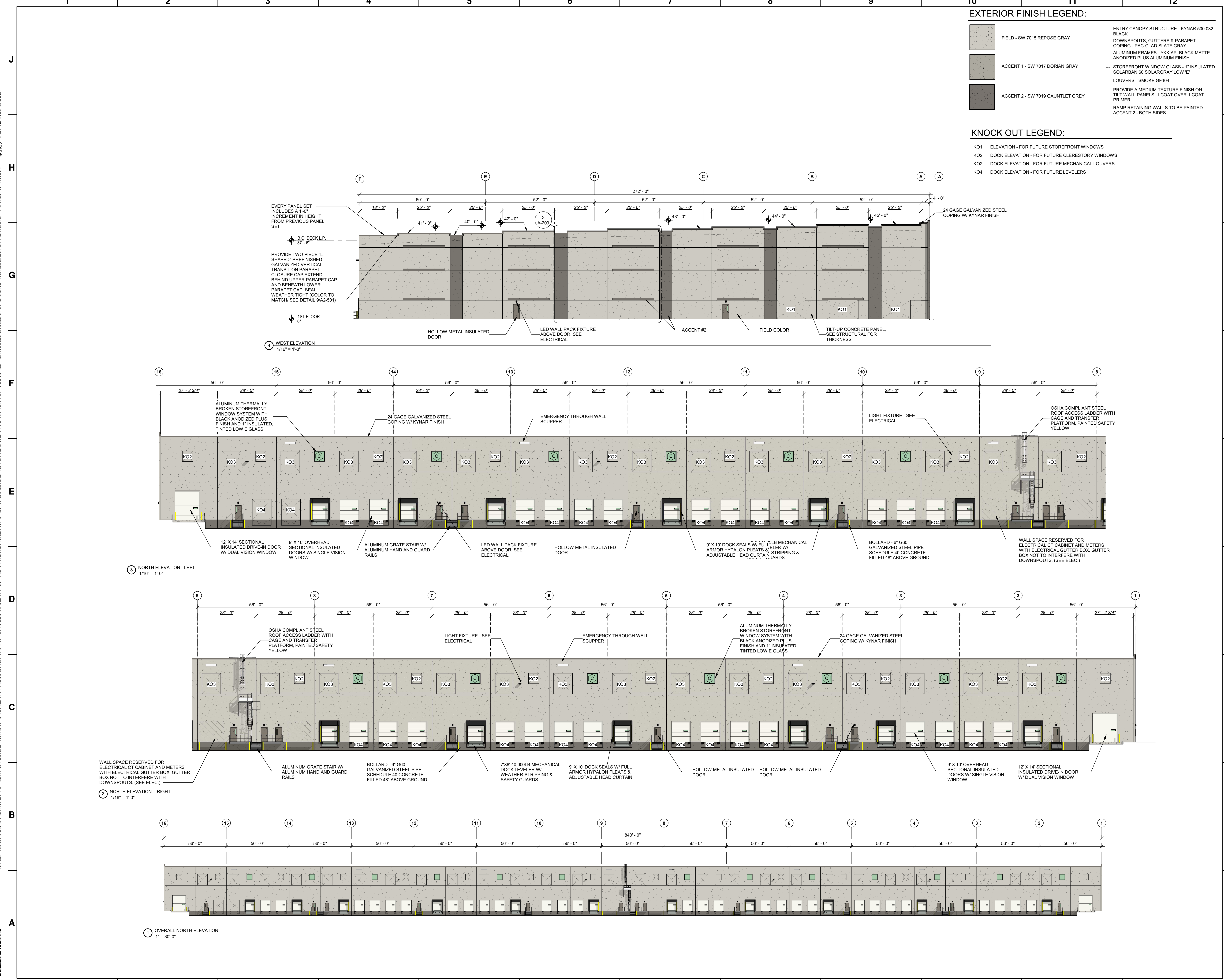
MCA PROJ No: A21002.H
 RRD PROJ No: 22.CMH.02A
 DRAWN BY: TJW
 CHECKED BY: KMC
 SCALE: As Indicated

ELEVATIONS

A-201

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- EXTERIOR FINISH LEGEND:**
- FIELD - SW 7015 REPOSE GRAY
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- KO1 ELEVATION - FOR FUTURE STOREFRONT WINDOWS
 - KO2 DOCK ELEVATION - FOR FUTURE CLERESTORY WINDOWS
 - KO3 DOCK ELEVATION - FOR FUTURE MECHANICAL LOUVERS
 - KO4 DOCK ELEVATION - FOR FUTURE LEVELERS

MCA ARCHITECTURE

GREENVILLE ANDERSON

28 AGORA PLACE 400 S. MAIN ST.
GREENVILLE, SC ANDERSON, SC
29 5 1 5 29 5 2 4
(T) 864.232.8204 (T) 864.232.8204



SEALS

RED CHIP FARMS II PHASE B SPECULATIVE BUILDING 1

PATASKALA, OHIO

Revision Index

No.	ISSUE DESCRIPTION	DATE

WALL SPACE RESERVED FOR ELECTRICAL CT CABINET AND METERS WITH ELECTRICAL GUTTER BOX. GUTTER BOX NOT TO INTERFERE WITH DOWNSPOUTS. (SEE ELEC.)

MCA PROJ No: _____ A21002.H
 RRD PROJ No: _____ 22.CMH.02A
 DRAWN BY: _____ TJW
 CHECKED BY: _____ KMC
 SCALE: _____ As Indicated

ELEVATIONS

A-202

28/2024 2:19:54 PM

StratusTM

stratusunlimited.com

888.503.1569

EXTERIOR STANDARDS

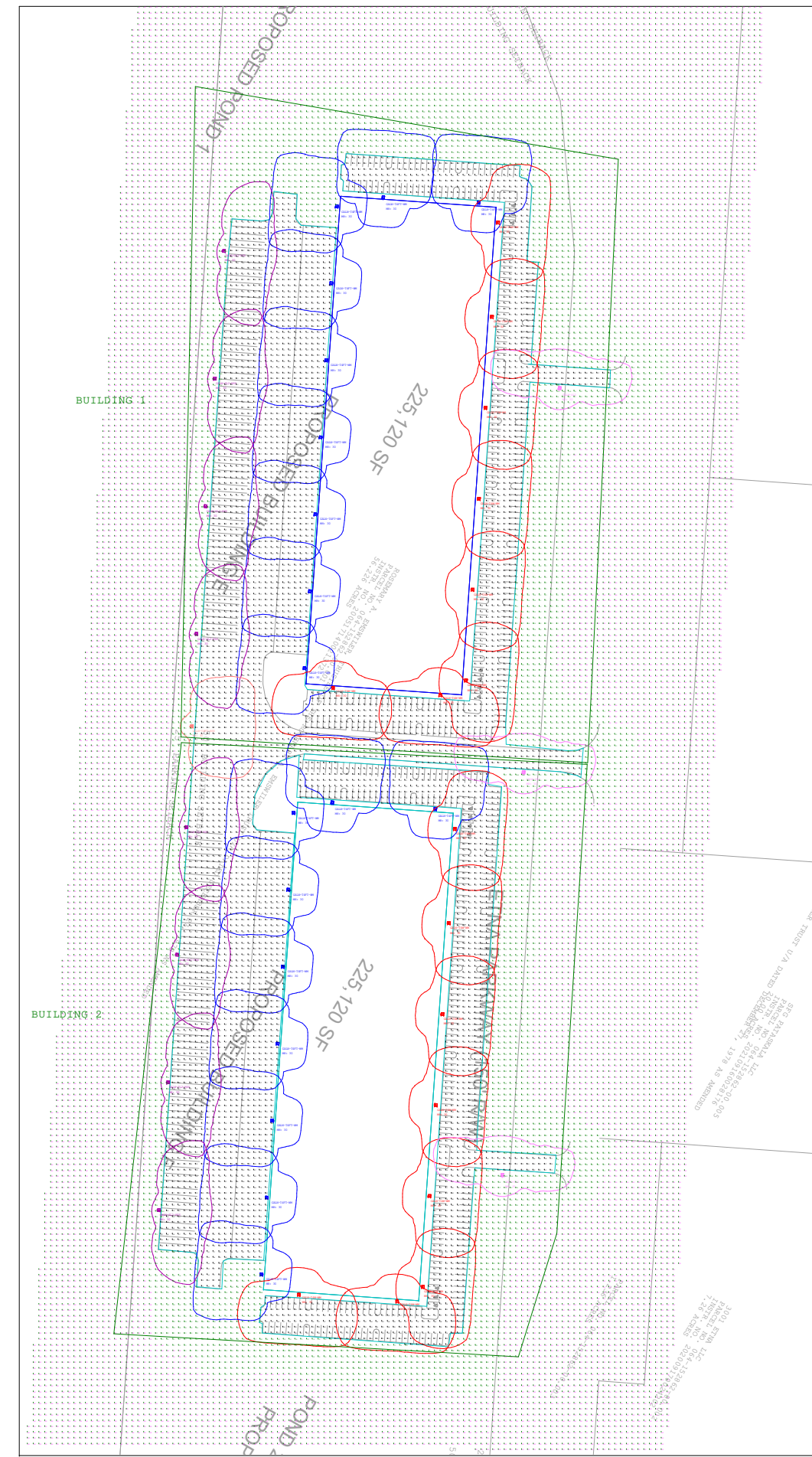


Infinite possibilities, ideal solutions.

Bldg Height: 40'-0"
 Mounting Height: 30'-0"
 Calculation Height: 0'-0" (ground)
 Calc points of 0.0FC shown in magenta

Luminaire Schedule					
Symbol	Qty	Label	LLF	Description	Total Watts
	8	GALN-SL2-HSS	0.950	GALN-SA9D-740-U-SL2-HSS-ADJ 15°	4416
	3	GALN-SL2	0.950	GALN-SA9D-740-U-SL2	1656
	1	GALN-T4FT-HSS	0.950	GALN-SA9D-740-U-T4FT-HSS-ADJ 15°	552
	18	GALN-T4FT-WM	0.950	GALN-SA9D-740-U-T4FT-WM	9936
	16	GALN-T4W-WM	0.950	GALN-SA9D-740-U-T4W-WM	8832

Calculation Summary								
Label	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpLr	PtSpTb
SITE_Planar	Fc	3.47	13.2	0.5	6.94	26.40	10	10
Spill Light_Green	Fc	0.19	16.8	0.0	N.A.	N.A.	10	10
BUILDING 1	Fc	2.11	16.3	0.0	N.A.	N.A.		
BUILDING 2	Fc	2.24	16.8	0.0	N.A.	N.A.		



The calculations provided in this report are predicted lighting levels based on the above described input data and characteristics. All information should be reviewed for accuracy, understanding and agreement with all information. Any discrepancies should be noted and the preparer of this report immediately advised to clarify or change as required.

Actual lighting levels may vary from this report due to a variety of circumstances, such as: reflectances, voltage variations, objects blocking or redirecting light, different mounting heights, installation, lamp and ballast tolerances, etc. Room is considered completely empty unless noted otherwise above. Unless specifically stated otherwise, predicted foot candles are not a recommendation of lighting levels.

Ardd & Winter, Inc. assumes no responsibility for any such variances and will not be held responsible for lighting levels different from predicted levels in this report. Recipient of this report, or someone designated by recipient, must verify that lighting fixtures will physically fit within the specified location(s). Catalog numbers of lighting fixtures may not be complete as all conditions may not be known.

Where backgrounds are shown, these are typically used for reference purposes only, unless noted otherwise. Additional details available upon request.



Calculations By: VC
 Revised By: MM
 Date: 3/5/2024
 Scale: Not to Scale

Project Name: RC2B Site Lighting Bldgs 1 & 2
 Revision: P1B

BUILDING 1

*SEE PAGE 1 FOR A+W DESIGN DISCLAIMER

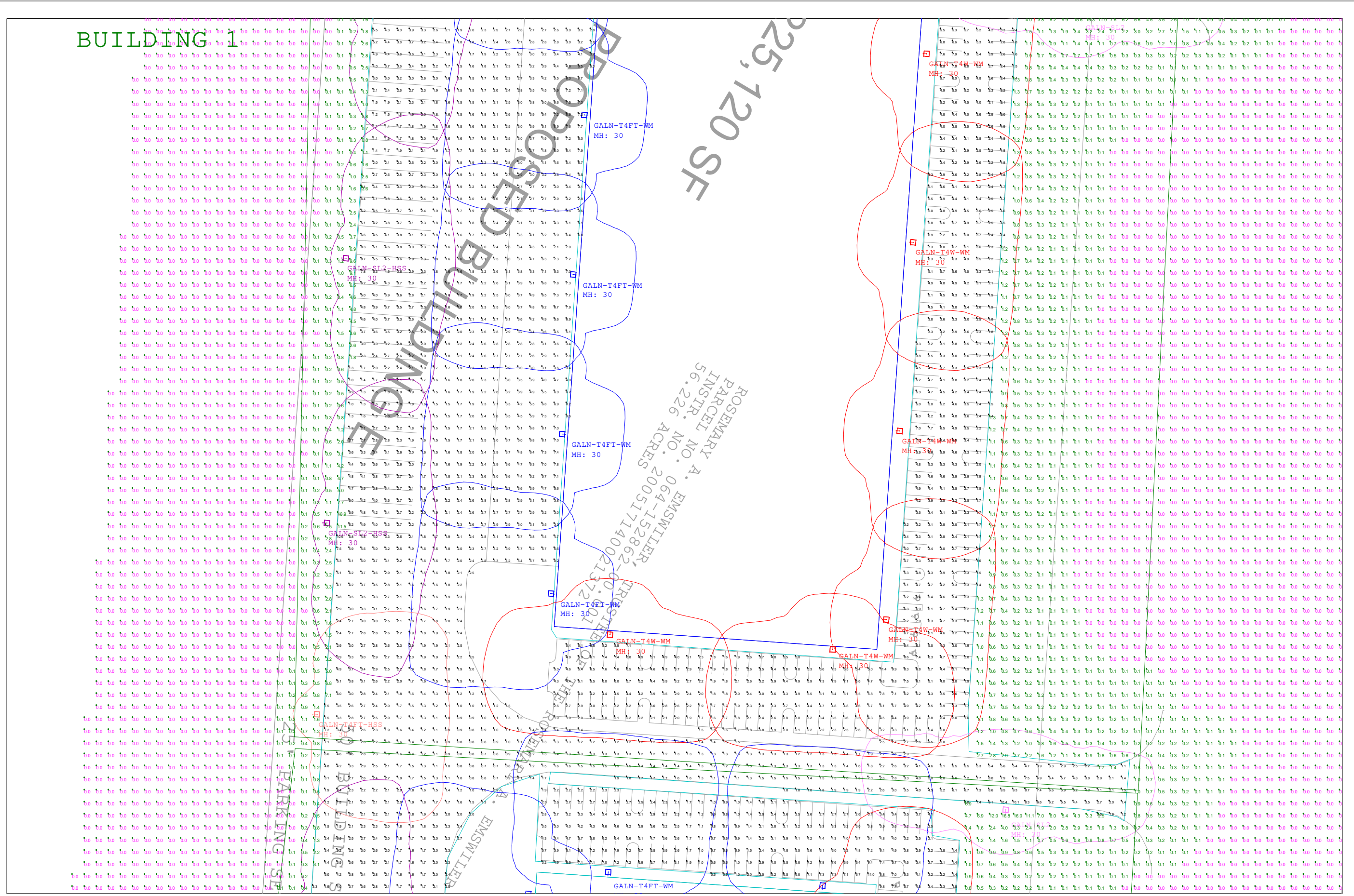


Ardd + Winter
Lighting Manufacturer Representatives

Calculations By: VC
Revised By: MM
Date: 3/5/2024
Scale: Not to Scale

Project Name: RC2B Site Lighting Bldgs 1 & 2

Revision: P1B

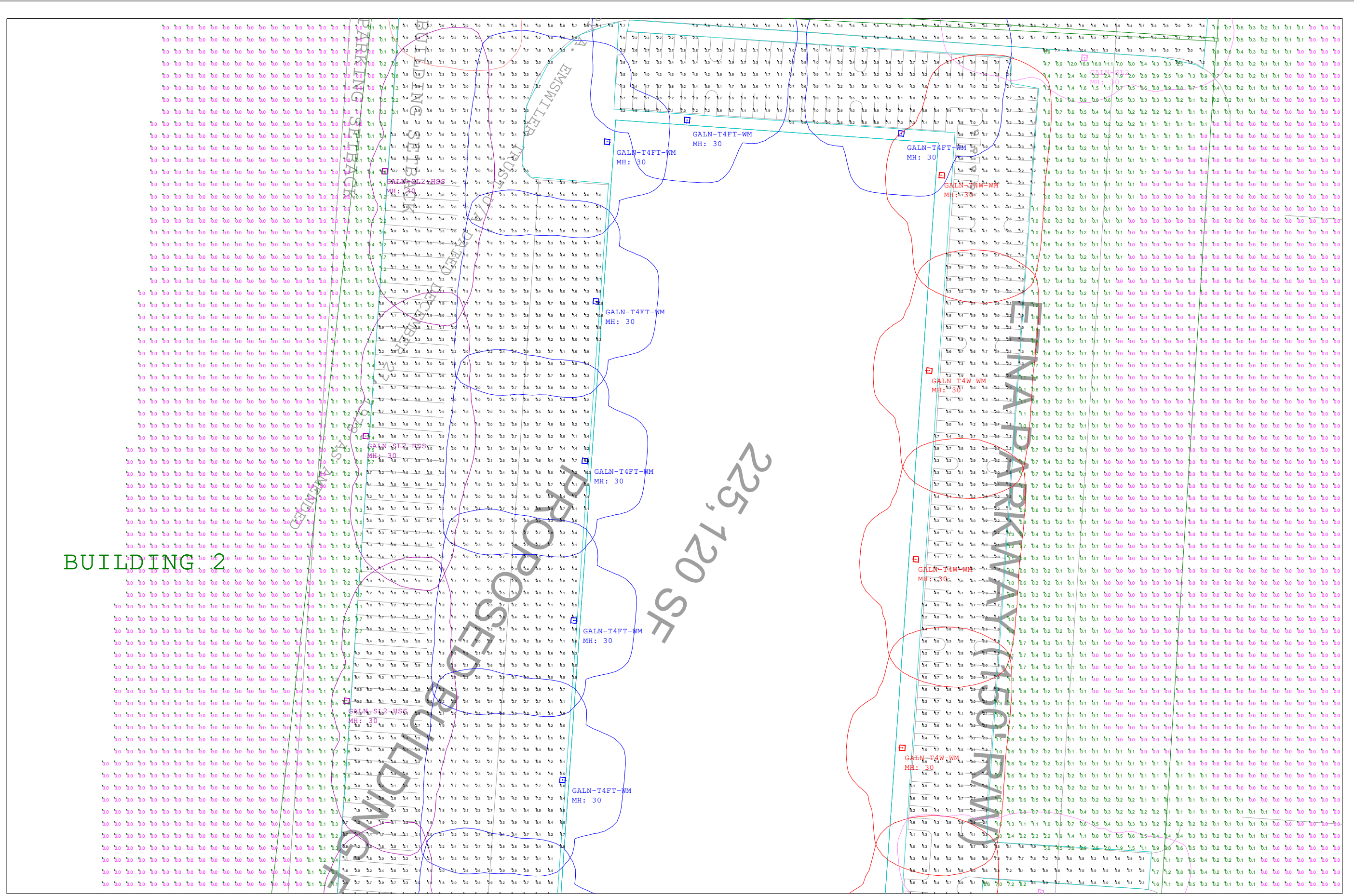


*SEE PAGE 1 FOR A+W DESIGN DISCLAIMER



Calculations By: VC
Revised By: MM
Date: 3/5/2024
Scale: Not to Scale

Project Name: RC2B Site Lighting Bldgs 1 & 2
Revision: P1B

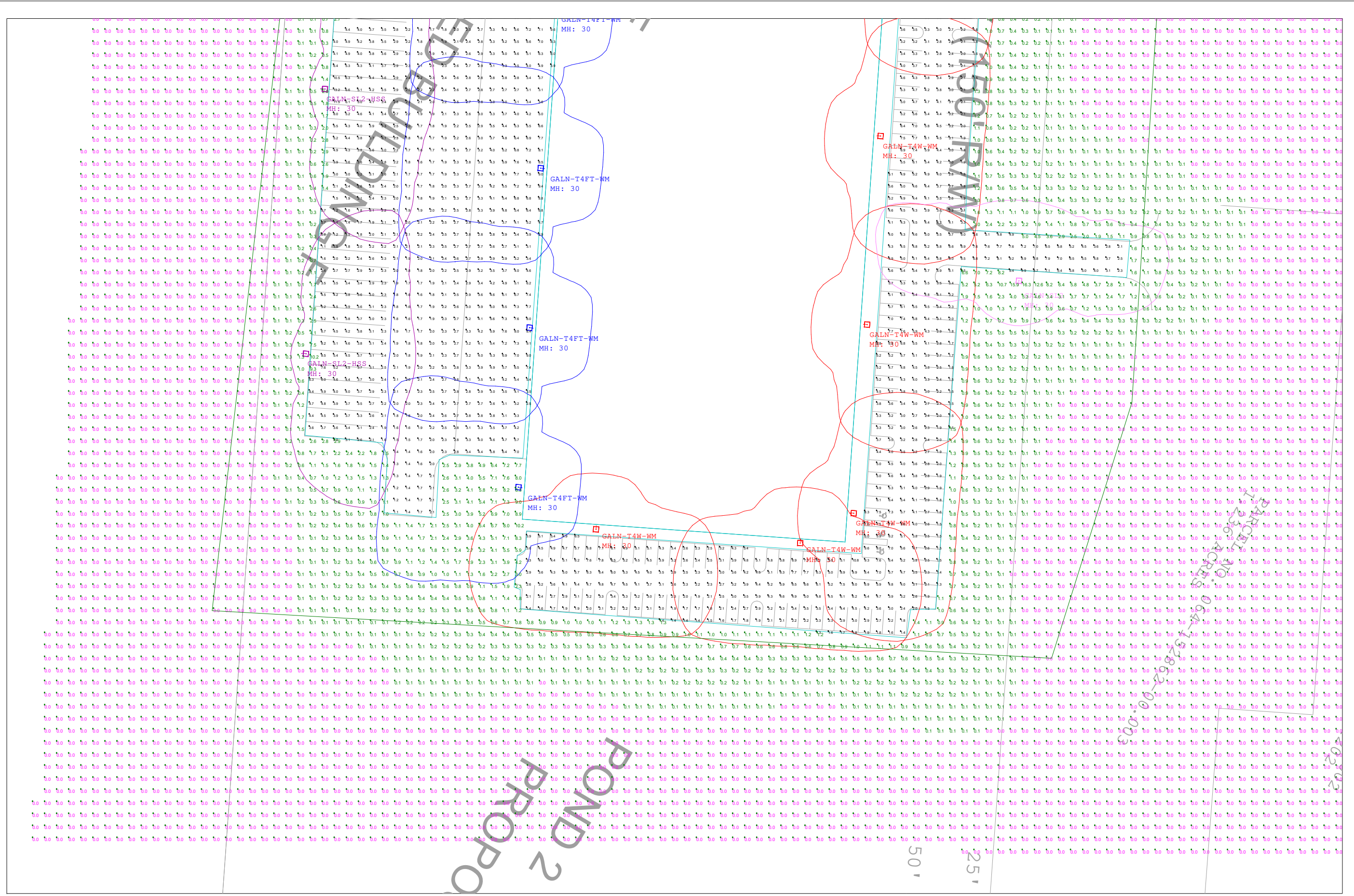


*SEE PAGE 1 FOR A+W DESIGN DISCLAIMER



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*SEE PAGE 1 FOR A+W DESIGN DISCLAIMER



Ardd + Winter
Lighting Manufacturer Representatives

Calculations By: VC
Revised By: MM
Date: 3/5/2024
Scale: Not to Scale

Project Name: RC2B Site Lighting Bldgs 1 & 2
Revision: P1B

These are used at the office entrances typically located to the left and the right of the aluminum storefront entrance.

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

FEATURES

- Integral Battery Backup Option
- 360° Light Distribution
- RGBW or Static White Luminous Front Option
- Multiple Fascia Options and Finishes
- 4G Vibration Tested

STEVEN SIMS
 CHECKED BY



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Main housing shroud is made of fabricated 5052-H32 aluminum alloy
- Housing mounting interface has a stamped silicone gasket
- Luminaire housing is free of any visible heat fins, hardware or fasteners
- Bracketry and hardware is stainless steel
- Luminaire finish consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish
- Luminaire finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance

LED/OPTICS

- LEDs are mounted to a metal printed circuit board assembly (MCPCB) with a uniform conformal coating over the panel surface and electrical features
- Optical lenses is clear injection molded PMMA acrylic
- Optical array is recessed in order to shield each LED optic across the length of the aperture
- Optical array is sealed for IP66 rating
- Secondary lens is impact resistant 5/32" tempered glass

INSTALLATION

- JUNCTION BOX: Standard with zinc-plated, quick-mount junction box plate that mounts directly to 4" J-Box
- Mounting plate features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates

INSTALLATION (CONTINUED)

- Fixture attaches by two Allen-head hidden fasteners for tamper resistance
- Optional mounting arrangements utilize a die-cast mounting adaptor to allow for surface conduit and through branch wiring
- Housing is able to hang freely in an open service position for inspection of internal wire connections. Once in service position, the housing shall be able to be removed for service by lifting the assembly up off the rear mounting plate and disconnecting the wiring plugs
- Driver assembly is mounted to a prewired internal tray with quick disconnects for removal

ELECTRICAL

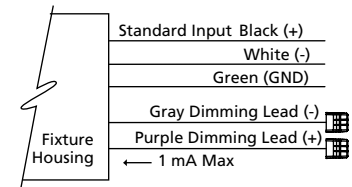
- Drivers are in direct contact with the die-cast aluminum housing across the entire surface area of the widest face for maximum thermal transfer
- "Thermal Shield", primary side, thermistor provides protection for the sustainable life of LED module and electronic components
- Drivers have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments
- Luminaires have integral surge protection that shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J. Surge protection device shall be wired in series
- Drivers are 0-10V dimming control with a dimming range of 100%-10%. Drivers are U.L. listed. All luminaires shall accept 120-277 volt input and have integral surge protection."Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components

CYPHER™



Cypher Small

RELATED PRODUCTS



ELECTRICAL (CONTINUED)

- Integral battery backup provides emergency path of egress lighting for the required 90 minutes for -20°C ambient environments
- Luminaire are capable of operating at 100% brightness in a 40°C environment. Both driver and optical array shall have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C

CONTROLS

- Button photocontrol for dusk to dawn energy savings
- PC12 for 120V, PC20 for 208V, PC24 for 240V, PC27 for 277V
- Photocell is factory installed inside the housing with a fully gasketed sensor on the side wall. For multiple fixture mountings, one fixture is supplied with a photocell to operate the others. Photocell adapter shall include an internal twist lock receptacle. Photocell by others

continued on page 3

KEY DATA	
LUMEN RANGE	1,353–2,752
WATTAGE RANGE	17–26
EFFICACY RANGE (LPW)	75–116
WEIGHT	Refer to page 5

ORDERING GUIDE

Example: CY1-15-3K7-1-2D-UNV-BLS-F-GBW-FPP-PCU-SF

CATALOG #

Series-Output (Base)	CCT-CRI	Model (Light Engine) ¹	Main Distribution (Down)	Secondary Distribution (Up, Sides)	Voltage
CY1-15 15W, 1500 nominal lumens	27K8 2700K, 80CRI	1 DownLight Only	1 IES Type I	1 IES Type I	UNV 120-277V
CY1-25 25W, 2500 nominal lumens	3K7 3000K, 70CRI	2 50/50 Down/Up, Down/Up distributions must match	2 IES Type II	2 IES Type II	
	3K8 3000K, 80CRI		3 IES Type III	3 IES Type III	
	4K7 4000K, 70CRI	3 90/10 Down/Up	4 IES Type IV	4 IES Type IV	
	4K8 4000K, 80CRI	4 25/25/25/25 Spit, Down/Up/Side Distributions must match	SP 15° Spot/Column	SP 15° Spot/Column	
5K7 5000K, 70CRI	5 70/10/10/10 Spit, Top/Side distributions must match		WG 60° Wall Graze	WG 60° Wall Graze	
			1D Type 1 Diffused	PB ² Pencil Beam	
			2D Type 2 Diffused	1D Type 1 Diffused	
			3D Type 3 Diffused	2D Type 2 Diffused	
			4D Type 4 Diffused	3D Type 3 Diffused	
				4D Type 4 Diffused	

Base Housing Finish	Fascia Form ¹	Luminous Front ⁴	Fascia Panel ⁵	Control Options	Options
BLS Black Gloss Smooth	F Flat	Blank Standard None	FPP Full Panel Painted	PCU Universal Button Photocell (120-277V)	EM ⁷ Battery Backup Unit -20° C
BLT Black Matte Textured	R Radius/Curved	RGBW RGBW Luminous Front	FPS Full Panel Stainless Steel		SF Single Fuse (120, 277)
DBS Dark Bronze Gloss Smooth	T Triangle/Wedge	LFSW Static White Luminous Front	FPC Full Panel Copper		DF Double Fuse (208, 240)
DBT Dark Bronze Matte Textured	E Rounded/Edge		OPP ⁶ Open Panel Painted		SCB Surface Conduit Box
GTT Graphite Matte Textured	C Circle/Curved		OPS ⁶ Open Panel Stainless Steel		
LGS Light Gray Gloss Smooth	CB Cylinder Balanced		OPC ⁶ Open Panel Copper		
LGT Light Gray Matte Textured	CT Cylinder Tall		4PP ⁶ 4-Square Panel Painted		
PSS Platinum Silver Gloss Smooth	CBM ⁸ Custom Building Material Mount Ghost Fascia		4PS ⁶ 4-Square Panel Stainless Steel		
VGT Verde Green Matte Textured			4PC 4-Square Panel Copper		
WHS White Gloss Smooth			PPP Perforated Panel Painted		
WHT White Matte Textured			PPS Perforated Panel Stainless Steel		
Color Options			PPC Perforated Panel Copper		
CC ³ Custom Color					

Notes:

- Consult factory for custom distributions. See Distribution Matrix on page 4 restrictions
- PB distribution is available for 90/10 and 70/10/10/10 models only. Not all combinations are recommended. See Distribution Matrix on page 2 for restrictions.
- Consult factory for custom color, marine and corrosive finish
- RGBW and LFSW luminous fronts are only available with open, four square and perforated fascia panels
- Flat and Radius Fascia forms only. Painted panels by default match base housing finish/color. Consult factory for custom panel finishes.
- Luminous front is required to select the Open Panel and 4-Square Panel fascia panels.
- Battery Backup not available with Triangle and Rounded Edge Fascia Forms.
- Custom Building Material Mount Ghost Fascia option allows the Cypher to blend seamlessly into the building architecture by matching the finish of the architectural background. See page 5 for dimensions and contact factory for additional information.

SPECIFICATIONS (CONTINUED)

CONTROL (CONTINUED)

- Each fixture comes equipment with a dual control driver that supports Bluetooth® operation of individual fixtures or DMX control of an entire system of fixtures.

Bluetooth®:

- Free Bluetooth® Apps are available for Apple iOS and Google Android mobile devices and are downloadable via the Internet at Apple App Store or Google Play.
- Modular wiring harness in the service area provides user access to the dimming circuitry via DMX.

DMX:

- Fully DMX/RDM Compatible
- Utilizes 4 DMX Channels per fixture

DMX Map

- Start Address – Red
- Start Address +1 – Green
- Start Address +2 – Blue
- Start Address +3 – White

DMX Addressing is performed by using a compatible RDM handheld unit or via the Bluetooth® App.

- Performed by using a compatible RDM handheld unit or via the Bluetooth® App

DMX Wiring Color Code

- Red Wire – DMX +
- Brown Wire – DMX-
- Yellow Wire – Shield/Ground
- DMX termination must be achieved by adding a DMX terminator to the last fixture in a Daisy-Chain. Fixture does not auto terminate.
- Kim Lighting is proud to offer the Pharos Architectural Controls DMX Controllers and Touch screens. See Pharos Spec Sheet for more details.
See the [Pharos® Spec Sheet](#) for more details.

Mobile App:

- Mobile App specification in additional information section.
- Mobile App. dimming range from 0% to 100% through the use of HUBBELL LIGHTING RGBW app (available on IOS and Android).
- Color selection and adjustment.
- Camera function for color matching.
- Intensity slider for dimming/ramping up.
- Save and rename up to 10 presets.
- Group and rename fixtures.
- Fixture is password protected, refer to instructions to set unique password.

CERTIFICATIONS

- Luminaire is listed with UL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no.250
- IP66 rated assembly
- IDA approved, 3000K and warmer CCTs only
- DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- ANSI C136.31-2010 4G Vibration tested and compliant
- Complies with "Americans with Disabilities Act" or "ADA" on select versions for low mounting height applications (fixtures extend maximum of 4 inches from wall for mounting heights of 80 inches or less)
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020. [See Buy American Solutions](#)

WARRANTY

- See [HLI Standard Warranty](#) for additional information
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, Inc. and any use of such marks by AAL is under license. Other trademarks and trade names are those of their respective owners. Apple, the Apple logo, iPad, iPhone, and iPod Touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Google Play is a trademark of Google Inc.



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DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

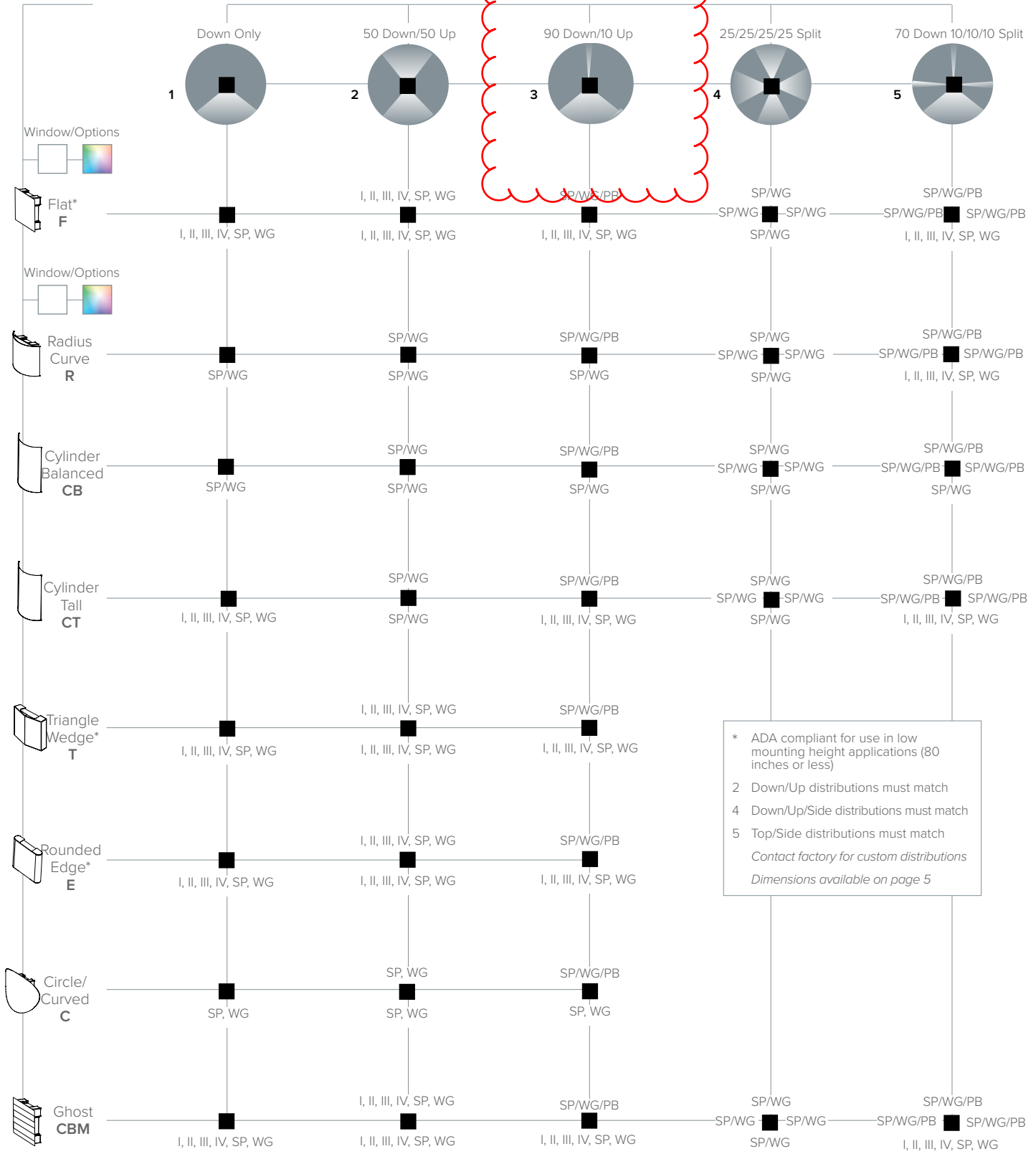
CATALOG #: _____

This is the distribution that we select. 90% of light looks down while 10% beam looks up.

DISTR

FASCIA FORM

DISTRIBUTION



* ADA compliant for use in low mounting height applications (80 inches or less)

2 Down/Up distributions must match

4 Down/Up/Side distributions must match

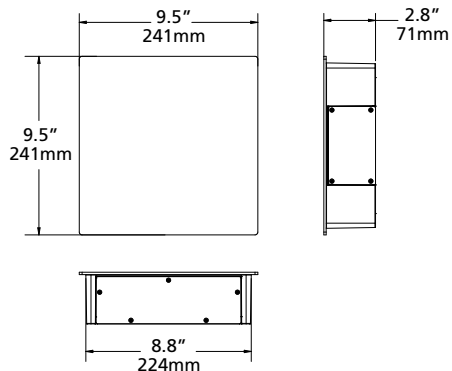
5 Top/Side distributions must match

Contact factory for custom distributions

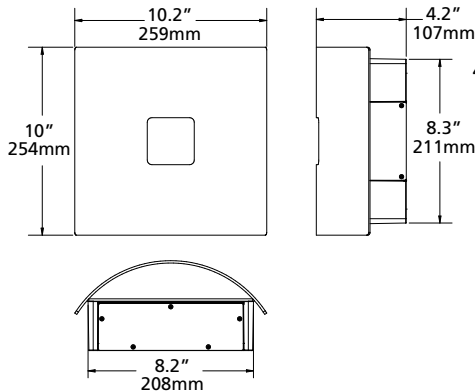
Dimensions available on page 5

DIMENSIONS

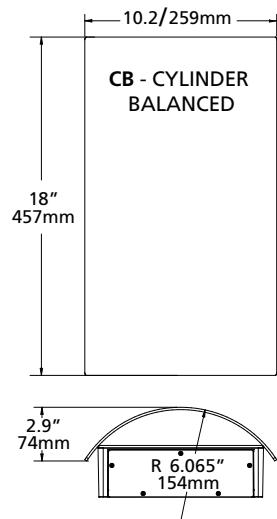
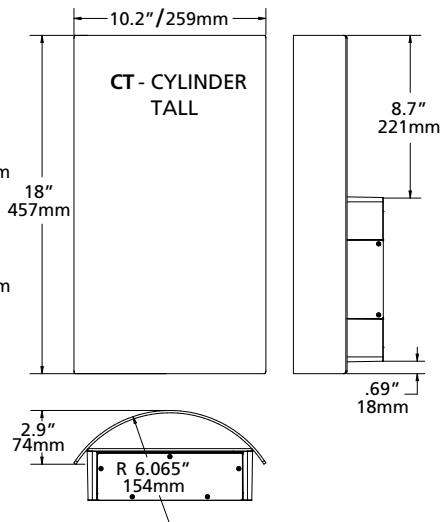
F - FLAT
ADA approved.



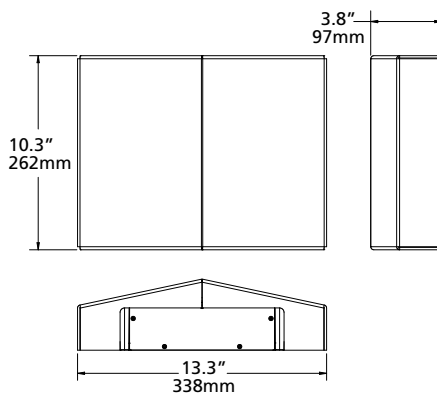
R - RADIUS/CURVED



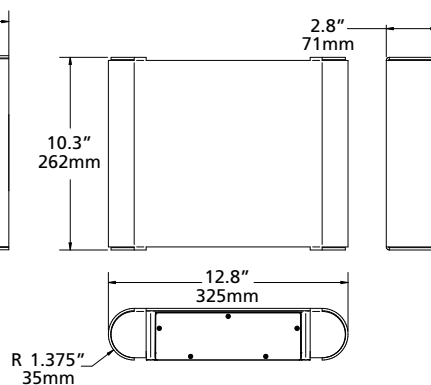
CT - CYLINDER TALL



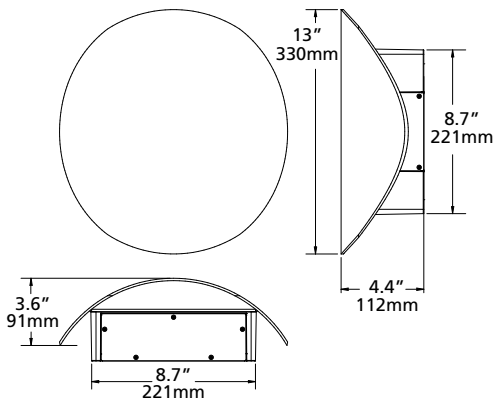
T - TRIANGLE/WEDGE
ADA approved.



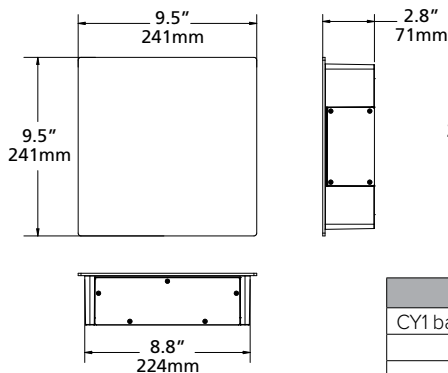
E - ROUNDED EDGE
ADA approved.



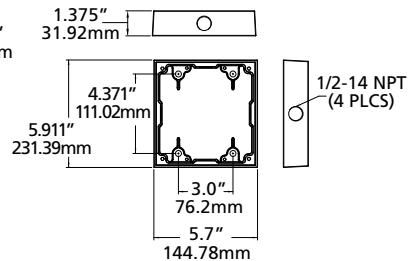
C - CIRCLE/CURVED



CBM - CUSTOM BUILD MATERIAL MOUNT GHOST FASCIA



SCB - SURFACE CONDUIT BOX



CY1 WEIGHT		FIXTURE + FASCIA WEIGHT	
CY1 base fixture	6.5 lb		
F	2 lb	CY1 + F	8.5 lb
R	2 lb	CY1 + R	8.5 lb
CB	3 lb	CY1 + CB	9.5 lb
CT	3 lb	CY1 + CT	9.5 lb
T	3 lb	CY1 + T	9.5 lb
E	3 lb	CY1 + E	9.5 lb
C	2 lb	CY1 + C	8.5 lb

DELIVERED LUMENS

Nominal Output (Lm)	System Watts	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
			Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)
				B	U	G			B	U	G			B	U	G	
1,500	17	Type 1	1825	0	0	0	107	1928	0	0	0	113	1923	0	0	0	113
		Type 2	1638	0	0	0	96	1730	0	0	0	102	1726	0	0	0	102
		Type 3	1661	0	0	1	98	1755	0	0	1	103	1750	0	0	1	100
		Type 4	1668	0	0	0	98	1762	0	0	0	104	1757	0	0	0	103
		Wall Graze	1871	1	0	0	110	1976	1	0	0	116	1971	1	0	0	114
		Spot/Column	1701	2	0	0	100	1797	2	0	0	106	1792	2	0	0	103
		Type 1 Diffused	1547	1	0	0	91	1634	1	0	0	96	1629	1	0	0	96
		Type 2 Diffused	1493	1	0	0	88	1577	1	0	0	93	1573	1	0	1	93
		Type 3 Diffused	1353	1	0	0	80	1429	1	0	0	84	1425	1	0	0	84
Type 4 Diffused	1521	1	0	0	89	1607	1	0	0	95	1602	1	0	1	94		
2,500	26	Type 1	2390	0	0	0	92	2524	0	0	0	97	2517	0	0	0	96
		Type 2	2120	1	0	1	82	2239	1	0	1	86	2233	1	0	1	85
		Type 3	2117	1	0	1	80	2236	1	0	1	85	2229	1	0	1	85
		Type 4	2201	1	0	1	85	2325	1	0	1	89	2319	1	0	1	88
		Wall Graze	2605	2	0	0	100	2752	2	0	0	106	2744	2	0	0	104
		Spot/Column	2346	2	0	0	90	2478	2	0	0	95	2471	2	0	0	94
		Type 1 Diffused	2225	1	0	1	86	2350	1	0	1	90	2344	1	0	1	89
		Type 2 Diffused	1958	1	0	1	75	2068	1	0	1	80	2062	1	0	1	79
		Type 3 Diffused	1946	1	0	1	75	2056	1	0	1	79	2050	1	0	1	78
Type 4 Diffused	2016	1	0	1	78	2129	1	0	1	82	2123	1	0	1	80		

ELECTRICAL CHARACTERISTICS

LUMEN PACKAGE	SYSTEM WATTAGE (W)	LINE VOLTAGE		INPUT				MIN. POWER FACTOR	MAX THD (%)	DIMMING RANGE	SOURCE/SINK CURRENT (MA)		ABSOLUTE VOLTAGE RANGE ON 0-10V (+) PURPLE	
		VAC	HZ	120	208	240	277				MIN.	MAX.	MIN.	MAX.
1,500	17	120	50/60	0.1			0.1	>0.9	20	10% to 100%	0 mA	1 mA	0V	10V
2,500	26			0.2			0.1							

TM-21 LIFETIME CALCULATION (500mA)

LUMEN PACKAGE	AMBIENT ENVIRONMENT °C	PROJECTED LUMEN MAINTENANCE (KHRS)					REPORTED L70
		15	25	50	60 (TM-21)	100	
2,500	25	98%	97%	94%	92%	87%	>60Khrs.
	40	95%	93%	89%	87%	80%	

DESCRIPTION

The patented Lumark Crosstour™ MAXX LED wall pack series of luminaires provides low-profile architectural style with super bright, energy-efficient LEDs. The rugged die-cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make Crosstour impervious to contaminants. The Crosstour MAXX wall luminaire is ideal for wall/surface, inverted mount for facade/canopy illumination, perimeter and site lighting. Typical applications include pedestrian walkways, building entrances, multi-use facilities, industrial facilities, perimeter parking areas, storage facilities, institutions, schools and loading docks.

SPECIFICATION FEATURES

Construction

Low-profile LED design with rugged one-piece, die-cast aluminum back box and hinged removable door. Matching housing styles incorporate both a full cutoff and refractive lens design. Full cutoff and refractive lens models are available in 58W, 81W and 102W. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes four 1/2" NPT threaded conduit entry points. The back box is secured by four lag bolts (supplied by others). External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Not recommended for car wash applications.

Optical

Silicone sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Full cutoff models integrate an impact-resistant molded refractive prism optical lens assembly meeting requirements for Dark Sky compliance. Refractive lens models incorporate a molded lens

assembly designed for maximum forward throw. Solid state LED Crosstour MAXX luminaires are thermally optimized with eight lumen packages in cool 5000K, neutral 4000K, or warm 3000K LED color temperature (CCT).

Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 58W, 81W and 102W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C [122°F] models available in 58W and 81W models only. Crosstour MAXX luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Four half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz, 480V 60Hz, or 347V 60Hz electrical operation. 480V is compatible for use with 480V Wye systems only.

Emergency Egress

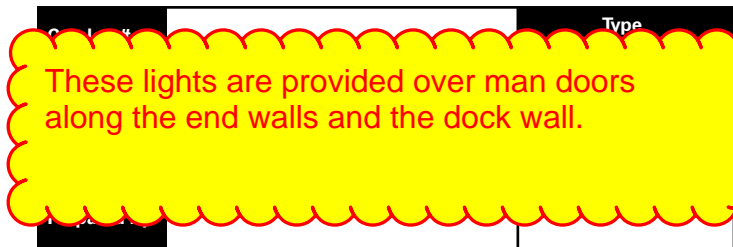
Optional integral cold weather battery emergency egress includes emergency operation test switch (available in 58W and 81W models only), an AC-ON indicator light and a premium extended rated sealed maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

Finish

Crosstour MAXX is protected with a super TGIC carbon bronze or summit white polyester powder coat paint. Super TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life. Options to meet Buy American and other domestic preference requirements.

Warranty

Five-year warranty.



XTOR CROSSTOUR MAXX LED

APPLICATIONS:
WALL / SURFACE
INVERTED
SITE LIGHTING



CERTIFICATION DATA

UL/cUL Wet Location Listed
Dark Sky Approved (Fixed mount, Full cutoff, and 3000K CCT only)
DesignLights Consortium® Qualified*
LM79 / LM80 Compliant
ROHS Compliant
NOM Compliant Models
3G Vibration Tested
UL924 Listed (CBP Models)
IP66 Rated

TECHNICAL DATA

40°C Ambient Temperature
External Supply Wiring 90°C Minimum

EPA

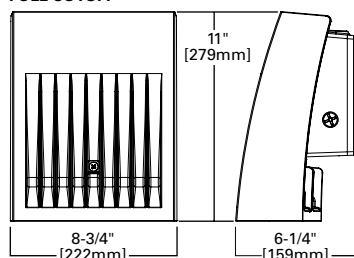
Effective Projected Area (Sq. Ft.):
XTOR6B, XTOR8B, XTOR12B=0.54

SHIPPING DATA:

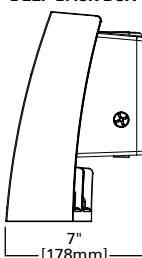
Approximate Net Weight:
12-15 lbs. [5.4-6.8 kgs.]

DIMENSIONS

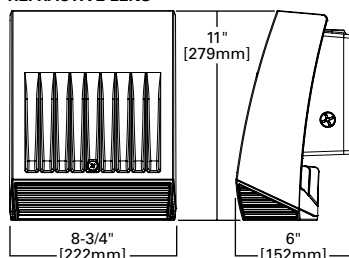
FULL CUTOFF



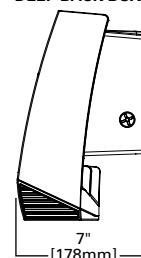
DEEP BACK BOX



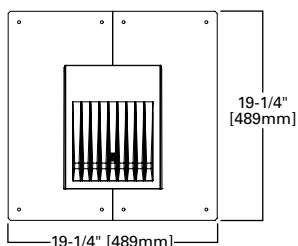
REFRACTIVE LENS



DEEP BACK BOX



ESCUTCHEON PLATES

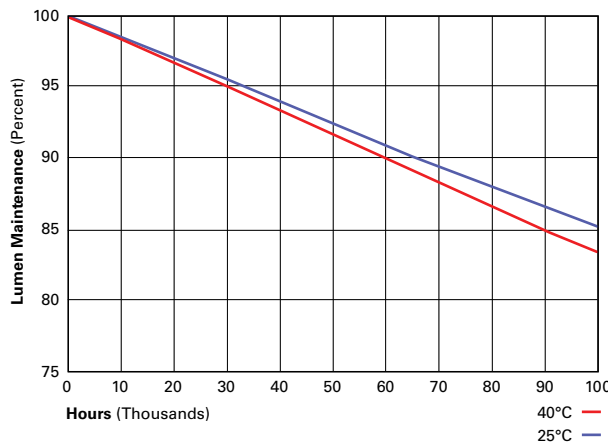


POWER AND LUMENS BY FIXTURE MODEL

58W Series						
LED Information	XTOR6B	XTOR6BRL	XTOR6B-W	XTOR6BRL-W	XTOR6B-Y	XTOR6BRL-Y
Delivered Lumens	6,129	6,225	6,038	6,133	5,611	5,826
B.U.G. Rating	B1-U0-G1	B2-U4-G3	B1-U0-G1	B2-U4-G3	B1-U0-G1	B2-U4-G3
CCT (Kelvin)	5000K	5000K	4000K	4000K	3000K	3000K
CRI (Color Rendering Index)	70	70	70	70	70	70
Power Consumption (Watts)	58W	58W	58W	58W	58W	58W
81W Series						
LED Information	XTOR8B	XTOR8BRL	XTOR8B-W	XTOR8BRL-W	XTOR8B-Y	XTOR8BRL-Y
Delivered Lumens	8,502	8,635	8,373	8,504	7,748	8,079
B.U.G. Rating	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3
CCT (Kelvin)	5000K	5000K	4000K	4000K	3000K	3000K
CRI (Color Rendering Index)	70	70	70	70	70	70
Power Consumption (Watts)	81W	81W	81W	81W	81W	81W
102W Series						
LED Information	XTOR12B	XTOR12BRL	XTOR12B-W	XTOR12BRL-W	XTOR12B-Y	XTOR12BRL-Y
Delivered Lumens	12,728	13,458	12,539	13,258	11,861	12,595
B.U.G. Rating	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3
CCT (Kelvin)	5000K	5000K	4000K	4000K	3000K	3000K
CRI (Color Rendering Index)	70	70	70	70	70	70
Power Consumption (Watts)	102W	102W	102W	102W	102W	102W
EGRESS Information	XTOR6B and XTOR8B Full Cutoff CBP Egress LED			XTOR6B and XTOR8B Refractive Lens CBP Egress LED		
Delivered Lumens	509			468		
B.U.G. Rating	N.A.			N.A.		
CCT (Kelvin)	4000K			4000K		
CRI (Color Rendering Index)	65			65		
Power Consumption (Watts)	1.8W			1.8W		

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (Hours)
XTOR6B Model		
25°C	> 90%	246,000
40°C	> 88%	217,000
50°C	> 88%	201,000
XTOR8B Model		
25°C	> 89%	219,000
40°C	> 87%	195,000
50°C	> 86%	181,000
XTOR12B Model		
25°C	> 89%	222,000
40°C	> 87%	198,000



CURRENT DRAW

Voltage	Model Series				
	XTOR6B	XTOR8B	XTOR12B	XTOR6B-CBP (Fixture/Battery)	XTOR8B-CBP (Fixture/Battery)
120V	0.51	0.71	0.94	0.60/0.25	0.92/0.25
208V	0.25	0.39	0.52	--	--
240V	0.25	0.35	0.45	--	--
277V	0.22	0.31	0.39	0.36/0.21	0.50/0.21
347V	0.19	0.25	0.33		--
480V	0.14	0.19	0.24		--



Cooper Lighting Solutions
 1121 Highway 74 South
 Peachtree City, GA 30269
 P: 770-486-4800
 www.cooperlighting.com

Specifications and dimensions subject to change without notice.

ORDERING INFORMATION

Sample Number: XTOR6B-W-WT-PC1

Domestic Preferences ¹⁷	Series ¹	LED Kelvin Color	Housing Color	Options (Add as Suffix)
[Blank]=Standard BAA=Buy American Act TAA=Trade Agreements Act	Full Cutoff XTOR6B=58W XTOR8B=81W XTOR12B=102W Refractive Lens XTOR6BRL=58W XTOR8BRL=81W XTOR12BRL=102W	[Blank]=Bright White (Standard) 5000K W=Neutral, 4000K Y=Warm, 3000K	[Blank]=Carbon Bronze (Standard) WT=Summit White BK=Black BZ=Bronze AP=Grey GM=Graphite Metallic DP=Dark Platinum	347V =347V ^{2,3,4,5} 480V =480V ^{2,3,4,5,6} PC1 =Photocontrol 120V ⁷ PC2 =Photocontrol 208-277V ^{7,8} MS-L20 =Motion Sensor for ON/OFF Operation ^{2,3,9,10} MS/DIM-L20 =Motion Sensor for Dimming Operation ^{2,3,9,10,11,12,13} CBP =Cold Weather Battery Pack ^{2,3,14,15,16} HA =50°C High Ambient ¹⁶
Accessories (Order Separately)¹⁸				
WG-XTORMX =Crosstour MAXX Wire Guard PB120V =Field Installed 120V Photocontrol PB277V BUTTON PC =Field Installed 208-277V Photocontrol ⁸			EWP/XTORMX =Escutcheon Wall Plate, Carbon Bronze EWP/XTORMX-WT =Escutcheon Wall Plate, Summit White FSIR-100 =Wireless Configuration Tool for Occupancy Sensor ¹³	

- NOTES:**
- DesignLights Consortium[®] Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.
 - Not available with HA option.
 - Deep back box is standard for 347V, 480V, CBP, MS-L20 and MS/DIM-L20.
 - Not available with CBP option.
 - Thru-branch wiring not available with HA option or with 347V.
 - Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
 - Not available with MS-L20 and MS/DIM-L20 options.
 - Use PC2 with 347V or 480V option for photocontrol. Factory wired to 208-277V lead.
 - For use in downlight orientation only. Optimal coverage at mounting heights of 9'-20'.
 - 120V thru 277V only.
 - Factory set to 50% power reduction after 15-minutes of inactivity. Dimming driver included.
 - Includes integral photo sensor.
 - The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff, and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
 - 120V or 277V operation only.
 - Operating temperatures -20°C to 25°C.
 - Not available in XTOR12B or XTOR12BRL models.
 - Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to [DOMESTIC PREFERENCES](#) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
 - Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

STOCK ORDERING INFORMATION

Domestic Preferences ¹	58W Series	81W Series	102W Series
[Blank]=Standard	Full Cutoff		
BAA=Buy American Act	XTOR6B=58W, 5000K, Carbon Bronze	XTOR8B=81W, 5000K, Carbon Bronze	XTOR12B=102W, 5000K, Carbon Bronze
TAA=Trade Agreements Act	XTOR6B-PC1=58W, 5000K, 120V PC, Carbon Bronze	XTOR8B-PC1=81W, 5000K, 120V PC, Carbon Bronze	
	XTOR6B-WT= 58W, 5000K, Summit White	XTOR8B-WT=81W, 5000K, Summit White	
	XTOR6B-W=58W, 4000K, Carbon Bronze	XTOR8B-PC2=81W, 5000K, 208-277V PC, Carbon Bronze	
	XTOR6B-PC2= 58W, 5000K, 208-277V PC, Carbon Bronze	XTOR8B-347V=81W, 5000K, Carbon Bronze, 347V	
	Refractive Lens		
	XTOR6BRL=58W, 5000K, Refractive Lens, Carbon Bronze	XTOR8BRL=81W, 5000K, Refractive Lens, Carbon Bronze	XTOR12BRL=102W, 5000K, Refractive Lens, Carbon Bronze
	XTOR6BRL-PC1=58W, 5000K, Refractive Lens, 120V PC, Carbon Bronze	XTOR8BRL-PC1=81W, 5000K, Refractive Lens, 120V PC, Carbon Bronze	XTOR12BRL-W=102W, 4000K, Refractive Lens, Carbon Bronze
	XTOR6BRL-WT=58W, 5000K, Refractive Lens, Summit White	XTOR8BRL-WT=81W, 5000K, Refractive Lens, Summit White	XTOR12BRL-347V=102W, 5000K, Refractive Lens, Carbon Bronze, 347V
	XTOR6BRL-W=58W, 4000K, Refractive Lens, Carbon Bronze	XTOR8BRL-PC2=81W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze	
	XTOR6BRL-PC2=58W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze	XTOR8BRL-W=81W, 4000K, Refractive Lens, Carbon Bronze	
	XTOR6BRL-347V=58W, 5000K, Refractive Lens, Carbon Bronze, 347V	XTOR8BRL-347V = 81W, 5000K, Refractive Lens, Carbon Bronze, 347V	

- NOTES:**
- Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to [DOMESTIC PREFERENCES](#) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.



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www.cooperlighting.com

Specifications and dimensions subject to change without notice.



Job Name:
RED CHIP - SITE LIGHTING
Contractor: ANDREW ELECTRIC
(Braselton)

Catalog Number:
GALN-SA9D-740-DV-T4FT-WM-BZ

Notes:

Type:
T4FTWM

ATL23-123667

Project		Catalog #	
Prepared by		Notes	

Picture shows this fixture on a pole but it is also wall mountable. This light goes on the wall but it also goes on the site lighting poles located in the parking areas.



McGraw-Edison

GALN Galleon II

Area / Site Luminaire

Product Features



Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 5
- Product Specifications page 5
- Energy and Performance Data page 6
- Control Options page 10

Product Certifications



Quick Facts

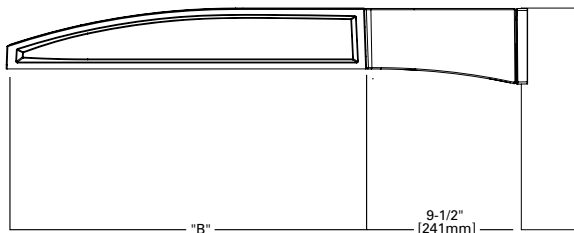
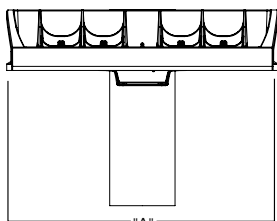
- Lumen packages range from 3,300 - 73,500 (33W - 552W)
- 16 optical distributions
- Efficacy up to 159 lumens per watt

Connected Systems

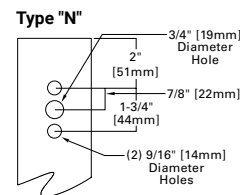
- WaveLinX Lite
- WaveLinX

Dimensional Details

Standard Arm



Pole Drilling Patterns



Number of Light Squares	Width "A"	Housing Length "B"	Weight with Standard or QM Arm	EPA with Standard or QM Arm
1-4	16"	22"	29 lb	0.95
5-6	22"	22"	39 lb	0.95
7-9	22"	28-1/8"	48 lb	1.1

NOTES:
For arm selection requirements and additional line art, see Mounting Details section.

NOTES:
1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified (3000K CCT and warmer only, fixed mounting options)



Job Name:
RED CHIP - SITE LIGHTING
Contractor: ANDREW ELECTRIC
(Braselton)

Catalog Number:
GALN-SA9D-740-DV-T4FT-WM-BZ

Type:
T4FTWM

Notes:

ATL23-123667

McGraw-Edison GALN Galleon II

Ordering Information

SAMPLE NUMBER: **GALN-SA4C-740-U-T4FT-GM**

Product Family 1,2	Light Engine		Color Temperature	Voltage	Distribution	Mounting	Finish
	Configuration	Drive Current					
GALN=Galleon II	SA1=1 Square	A=600mA	722=70CRI, 2200K	U=120-277V	T2=Type II	[Blank]=Standard Pole Mount Arm	AP=Grey
BAA-GALN=Galleon II	SA2=2 Squares	B=800mA	727=70CRI, 2700K	H=347V-480V 2,30	T2R=Type II Roadway	QM=Standard Pole Mount Arm with Quick Mount Adaptor	BZ=Bronze
Buy American Act Compliant 27	SA3=3 Squares	C=1000mA	730=70CRI, 3000K	1=120V	T3=Type III	PA=Pole Mount, Adjustable	BK=Black
TAA-GALN=Galleon II	SA4=4 Squares	D=1200mA 4,17	735=70CRI, 3500K	2=208V	T3R=Type III Roadway	SP=Slipfitter, Adjustable 8	DP=Dark Platinum
Trade Agreements Act Compliant 27	SA5=5 Squares		740=70CRI, 4000K	3=240V	T4FT=Type IV Forward Throw	MA=Mast Arm, Fixed	GM=Graphite Metallic
	SA6=6 Squares		750=70CRI, 5000K	4=277V	T4W=Type IV Wide	WM=Wall Mount, Fixed	WH=White
	SA7=7 Squares		760=70CRI, 6000K	8=480V 7	5NQ=Type V Narrow	WA=Wall Mount, Adjustable	RALXX=Custom Color
	SA8=8 Squares		827=80CRI, 2700K	9=347V 7,30	5MQ=Type V Square Medium	UP=Upswept Arm	
	SA9=9 Squares		830=80CRI, 3000K	DV=277V-480V DuraVolt Drivers 26,30,31	5WQ=Type V Square Wide		
			AMB=Amber, 590nm 15,17		SL2=Type II w/Spill Control		
					SL3=Type III w/Spill Control		
					SL4=Type IV w/Spill Control		
					SLL=90° Spill Light Eliminator Left		
					SLR=90° Spill Light Eliminator Right		
					RW=Rectangular Wide Type I		
					AFL=Automotive Frontline		

Options (Add as Suffix)	Controls and Systems Options (Add as Suffix)	Accessories (Order Separately) 28
<p>DIM=External 0-10V Dimming Leads 28</p> <p>F=Single Fuse (120, 277 or 347V Specify Voltage)</p> <p>FF=Double Fuse (208, 240 or 480V Specify Voltage)</p> <p>Z0K=20kV UL 1449 fused surge protective device 18</p> <p>ZL=Two Circuits 19</p> <p>HA=50°C High Ambient</p> <p>HSS=Installed House Side Shield 18</p> <p>GRSBK=Glare Reducing Shield, Black 23</p> <p>GRSWH=Glare Reducing Shield, White 23</p> <p>LCF=Light Square Trim Painted to Match Housing 24</p> <p>TH=Tool-less Door Hardware 5</p> <p>CC=Coastal Construction finish 3</p> <p>L90=Optics Rotated 90° Left</p> <p>R90=Optics Rotated 90° Right</p> <p>AHD145=After Hours Dim, 5 Hours 22</p> <p>AHD245=After Hours Dim, 6 Hours 22</p> <p>AHD255=After Hours Dim, 7 Hours 22</p> <p>AHD355=After Hours Dim, 8 Hours 22</p> <p>DALI=DALI Drivers</p>	<p>BPC=Button Type Photocontrol 4</p> <p>PR=NEMA 3-PIN Photocontrol Receptacle</p> <p>PR7=NEMA 7-PIN Photocontrol Receptacle 21</p> <p>FADC=Field Adjustable Dimming Controller 12</p> <p>SPB2=Dimming Motion Sensor, 9' 20" mounting 24</p> <p>SPB4=Dimming Motion Sensor, 21' 40" mounting 24</p> <p>SPB2/X=Dimming Motion Sensor, limited square count, 9' 20" mounting 24</p> <p>SPB4/X=Dimming Motion Sensor, limited square count, 21' 40" mounting 24</p> <p>ZW=WaveLinX-enabled 4-PIN Twistlock Receptacle 19</p> <p>ZD=SR Driver-enabled 4-PIN Twistlock Receptacle 19</p> <p>ZW-WOBXX=WaveLinX Lite, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting 19,12,13</p> <p>ZW-WOFXX=WaveLinX Lite, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting 19,12,13</p> <p>ZD-WOBXX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting 19,12,13</p> <p>ZD-WOFXX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting 19,12,13</p> <p>ZW-SWPD4XX=WaveLinX Pro, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting 19,12,13</p> <p>ZW-SWPD5XX=WaveLinX Pro, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting 19,12,13</p> <p>ZD-SWPD4XX=WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting 19,12,13</p> <p>ZD-SWPD5XX=WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting 19,12,13</p> <p>DIM10-MS/DIM-L20=Synapse Occupancy Sensor (9'-20' Mounting) 19</p> <p>DIM10-MS/DIM-L40=Synapse Occupancy Sensor (21'-40' Mounting) 19</p>	<p>OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V</p> <p>OA/RA1027=NEMA Photocontrol - 480V</p> <p>OA/RA1201=NEMA Photocontrol - 347V</p> <p>OA/RA1013=Photocontrol Shorting Cap</p> <p>OA/RA1014=120V Photocontrol</p> <p>MA1252=10kV Surge Module Replacement</p> <p>MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon</p> <p>MA1037-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon</p> <p>MA1197-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon</p> <p>MA1188-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon</p> <p>MA1189-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon</p> <p>MA1190-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon</p> <p>MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon</p> <p>MA1038-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon</p> <p>MA1039-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon</p> <p>MA1192-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon</p> <p>MA1193-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon</p> <p>MA1194-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon</p> <p>MA1195-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon</p> <p>SRA238=Adapter kit for mounting to 2-3/8" O.D. Tenon</p> <p>LS/HSS=Field Installed House Side Shield 5,18</p> <p>LS/GRSBK-2PK=Glare Reducing Shield, Black 5,23</p> <p>LS/GRSWH-2PK=Glare Reducing Shield, White 5,23</p> <p>LS/PFS=Perimeter Shield, Black 14</p> <p>WOLC-7P-10A=WaveLinX Outdoor Control Module 11,19</p> <p>WOB-XX=WaveLinX Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting 12,13,14,19</p> <p>WOF-XX=WaveLinX Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting 12,13,14,19</p> <p>SWPD4-XX=WaveLinX Sensor, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting 12,13,14,19</p> <p>SWPD5-XX=WaveLinX Sensor, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting 12,13,14,19</p>

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
- DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
- Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.
- Not available with TH option.
- Drive current 1200mA not available with color temperatures 722, 727 or 830 when either HA or HSS options are selected.
- TH option not 3G rated. Not available with Coastal Construction (CC) option.
- Not available with voltage options H, 8 or 9.
- Requires the use of an internal step down transformer when combined with sensor options. Not available in combination with the HA high ambient and sensor options at 1A.
- Adjustable Slipfitter arm limited to vertical 3" tenon. For mounting to 2-3/8" O.D. tenons, order accessory SRA238.
- One required for each Light Square.
- 2L is not available with SPB at 347V or 480V. Not available with WaveLinX or Enlighted sensors, or 20kV surge option.
- Requires PR7.
- Replace XX with sensor color (WH, BK or BZ).
- WAC Gateway required to enable field-configurability. Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. WAC not required for LC Bluetooth sensors.
- Requires ZW or ZD receptacle.
- Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Exact luminaire wattage available in IES files. Available with SWQ, SMQ, SL2, SL3 and SL4 distributions. Can be used with HSS option.
- Set of 4 pcs. One set required per Light Square.

- Not available with HA option.
- Not for use with SNQ, 5MQ, SWQ or RW optics.
- Cannot be used with other control options.
- Low voltage control lead brought out 18" outside fixture. Not available with DALI or integrated controls options
- Not available if any SPB, LWR, or WaveLinX sensor is selected. Motion sensor receptacle has an integral photocell.
- Requires the use of BPC photocontrol or the PR7 or PR8 photocontrol receptacle with photocontrol accessory.
- Not for use with T4FT, T4W or SL4 optics. See IES files for details.
- Sensor configuration mobile application required for configuration. See controls page for details.
- Replace X with number of Light Squares controlled by the SPB, referencing the "SPB/X Availability Table" on the controls page.
- Not available with HSS, GRSWH or GRSBK.
- Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
- For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
- DuraVolt drivers feature added protection from power quality issues such as loss of neutral, transients and voltage fluctuations. Visit www.signify.com/duravolt for more information.
- 480V not to be used with ungrounded or impedance grounded systems.
- Not available in 1 square configuration at 800mA or below. Not available with any control option except SPB.
- Cannot be used with PR7 or other motion response control options.

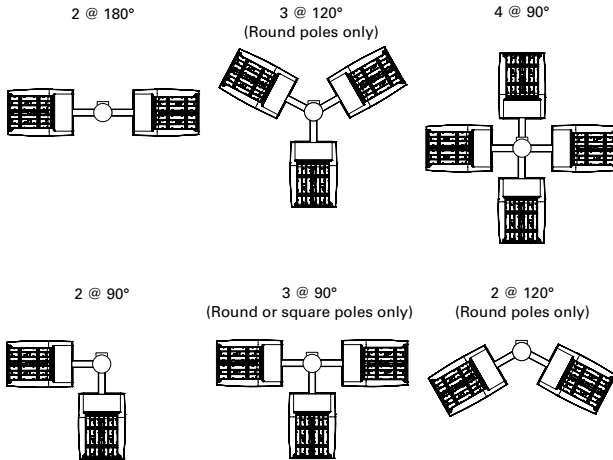
LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Camera Type	Data Backhaul
L=LumenSafe Technology	D=Standard Dome Camera H=Hi-Res Dome Camera Z=Remote PTZ Camera	R=Cellular, Rogers W=Wi-Fi Networking w/ Omni-Directional Antenna E=Ethernet Networking

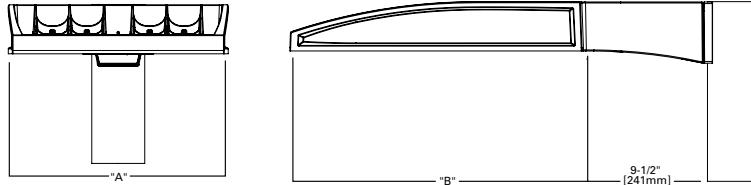
McGraw-Edison **GALN Galleon II**

Mounting Details

Pole Configuration Options

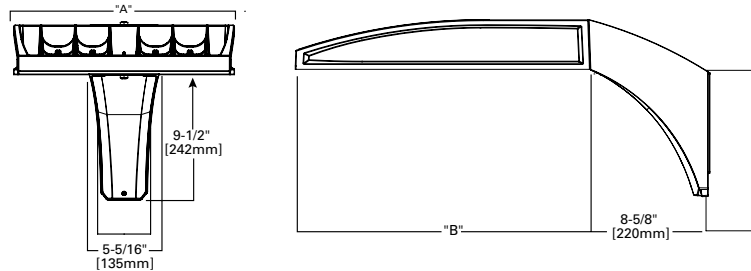


Quick Mount Arm (QM) *



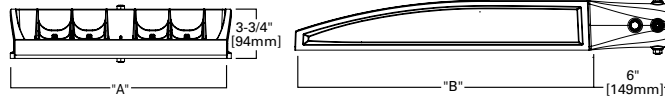
*NOTE: Use Type N drilling pattern

Upswept Arm (UP) *

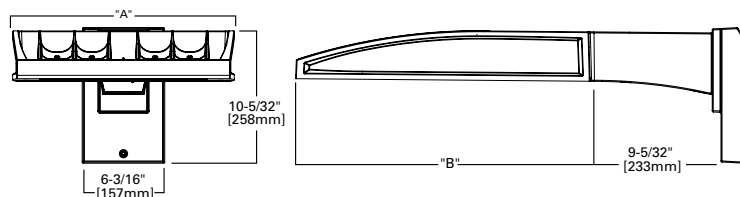


*NOTE: Use Type N, R or M drilling pattern

Mast Arm, Fixed (MA)

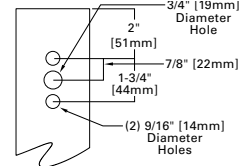


Wall Mount, Fixed (WM)

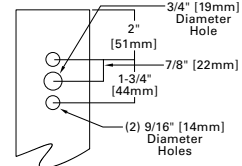


Pole Drilling Patterns

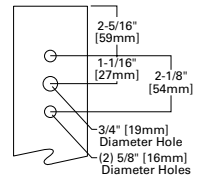
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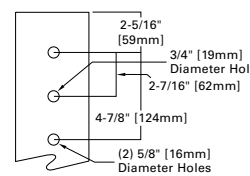
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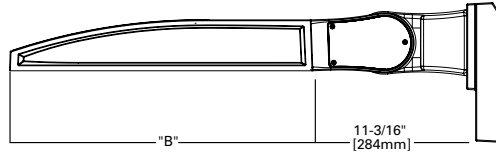
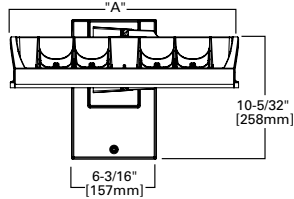


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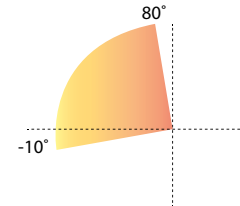
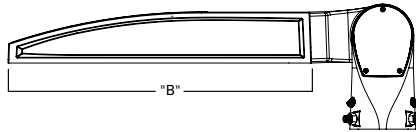
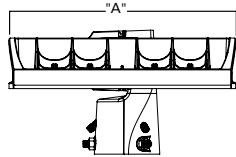
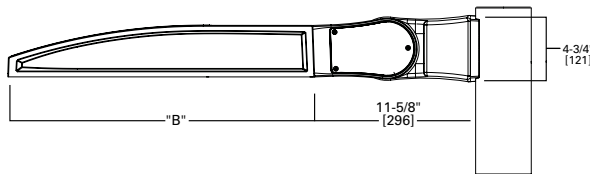
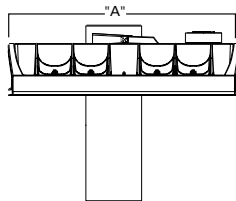


Type "M"



McGraw-Edison**GALN Galleon II****Mounting Details****Wall Mount, Adjustable (WA)****Adjustable Arm Range of Motion**

- Wall Mount (WA), Slipfitter (SP) and Pole Mount (PA)
- Adjustable in increments of 5°
- Must maintain downward facing orientation

**Slipfitter, Adjustable (SP)****Pole Mount, Adjustable Arm (PA)****Fixture Weights and EPAs**

Tilt Angle (Degrees)	Number of Light Squares	Weight	1 @ 90°	2 @ 180°	2 @ 90°	2 @ 120°	3 @ 90°	3 @ 120°	4 @ 90°
0°	1-4	33.5 lb (15.2 kg)	0.85	1.70	1.46	1.66	2.31	2.25	2.35
	5-6	43.5 lb (19.7 kg)	0.86	1.71	1.62	1.80	2.49	2.35	2.50
	7-9	52.5 lb (23.8 kg)	0.98	1.95	1.75	1.98	2.73	2.55	2.76
15°	1-4	33.5 lb (15.2 kg)	1.10	1.71	1.95	2.26	2.81	3.30	2.87
	5-6	43.5 lb (19.7 kg)	1.42	1.71	2.27	2.72	3.13	3.63	3.15
	7-9	52.5 lb (23.8 kg)	1.69	1.96	2.67	3.22	3.65	4.38	3.72
30°	1-4	33.5 lb (15.2 kg)	1.72	1.81	2.58	3.21	3.44	4.59	3.53
	5-6	43.5 lb (19.7 kg)	2.26	2.29	3.11	4.00	3.97	5.27	4.00
	7-9	52.5 lb (23.8 kg)	2.75	2.85	3.73	4.83	4.71	6.45	4.81
45°	1-4	33.5 lb (15.2 kg)	2.25	2.36	3.10	4.00	3.96	5.63	4.08
	5-6	43.5 lb (19.7 kg)	2.96	2.99	3.81	5.06	4.67	6.49	4.71
	7-9	52.5 lb (23.8 kg)	3.63	3.76	3.73	6.17	5.59	8.03	5.73
60°	1-4	33.5 lb (15.2 kg)	2.63	2.77	3.49	4.58	4.34	6.21	4.48
	5-6	43.5 lb (19.7 kg)	3.46	3.51	4.32	5.84	5.19	7.01	5.22
	7-9	52.5 lb (23.8 kg)	4.27	4.44	5.25	7.15	6.23	8.80	6.40