



**UNION TOWNSHIP BOARD OF TRUSTEES
DECEMBER 12TH, 2023 MEETING**

OVERLAY DISTRICT PLAN

**TURTON HOLDINGS FAMILY LLC, Applicant
1050 ROUND BOTTOM RD. / Parcel ID # 403108C071**



Staff Report: CASE # 11-23-0

NATURE OF REQUEST

The Applicant is requesting Overlay District Plan Approval from the Union Township Board of Trustees for Parcel# 403108C071. Specifically, the Applicant is seeking to expand the existing Redi-Rock manufacturing facility (by 4,240 square feet)—on a site that is located within the Little Miami – Lower East Fork Focus Area Overlay – Natural Resource Corridor (FA-NRC).

**Please refer to the Applicant's statements, plans, and other application enclosures.*

LOCATION

The subject property is located at 1050 Round Bottom Rd., approximately 750 feet north of the Round Bottom Rd. and Barg Salt Run Rd. intersection.

ZONING

The subject property is zoned Industrial (M-1), with the adjoining property (within 400 feet) also zoned as Industrial (M-1), for the underlying zoning—except for the property across Round Bottom Road (to the south), which is zoned Estate Residential (ER).

RELATIONSHIP TO THE HORIZON 2030: UNION TOWNSHIP COMPREHENSIVE LAND USE PLAN

The Horizon 2030: Union Township Comprehensive Land Use Plan indicates that the proposal is located within the Little Miami- Lower East Fork Corridor. During the previously adopted comprehensive planning effort, this Corridor was identified as an environmentally sensitive area, with large portions of the area contained within areas prone to irregular flooding from the Lower East Fork of the Little Miami River. The area remains primarily zoned for residential and industrial use, with rural settlement patterns and large lot sizes dominating the landscape. More recently, several industrial pockets have developed along Round Bottom Road.

RELATIONSHIP TO THE FOCUS OVERLAY DISTRICT REGULATIONS

As noted previously, the affected property is located within the Little Miami- Lower East Fork Focus Area Overlay District. Article 13 of the Union Township Zoning Resolution identifies this corridor as a “Natural Resource Corridor,” and makes these statements with respect to these Districts:

1305. Focus Areas Overlay-Natural Resource Districts...

1. Findings and Specific Purpose.

Natural resources are an important component of quality of life for all residents in the Township. When irreplaceable natural features are threatened, their preservation should be weighed and evaluated in relation to public and private interests.

- a. The existence of a twenty (20%) percent slope, in combination with Miamitown Shale or Kope geologic formation, is evidence of a condition of natural critical stability, and development under conventional regulations may precipitate landslides or excessive soil erosion. Additional regulations are needed to preserve the prominent views from the top or from the slopes of the hillside and the natural contours thereof.
- b. Hillsides, as community separators or boundaries, are historic aids to the identification of residential communities which help citizens to relate to their communities and to relate the social organizations of communities to their physical environments.
- c. The location of natural resources often coincides with prime development sites. Long term benefits of conserving natural resources in a metropolitan area can be achieved through innovative development regulations based on comprehensive plans.

2. Characteristics.

FA-NR districts shall be limited to geographic areas containing one (1) or more of the following characteristics:

- a. Lakes, rivers, floodplains, wetlands, mineral deposits, aquifers, forests, parks, or hillsides (twenty [20%] percent slope or greater) or other natural features of significant public interest:
- b. Existence of Miamitown Shale or Kope geologic formations or soils classified as having severe constraints for development;
- c. Prominent hillsides and natural resources which are readily viewable from a public thoroughfare;
- d. Scenic areas providing views of a major stream or valley or other natural resource;
- e. Hillsides and other natural features functioning as community separators or community boundaries;
- f. Hillsides which support a substantial natural wooded cover.

BACKGROUND

The property is located approximately 700 feet north of Round Bottom Road and appears to have been zoned Industrial (M-1) since the inception of zoning in Union Township. According to the applicable FIRM panel, no portion of the site lies within the 100-year floodplain or the floodway.

The initial Redi-Rock manufacturing facility was built in 2005, with an addition built between 2017-2018. As noted earlier, the Applicant is seeking to construct a 4,240 square-foot addition on the property—with the aim to add an office building on the adjacent acreage to the southwest in the next couple of years.

STAFF REVIEW & ANALYSIS

A review of the proposal indicates that the proposed use is consistent with the zoning district in which it is located (M-1)—and that it is not in conflict with the adopted land use plan for the Little Miami – Lower East Fork Corridor. The land use plan allows for lower intensity industrial uses throughout the corridor, with some infill uses, provided that natural resources are protected. *To that end, this request does not impact a hillside or area with twenty (20%) percent slope or greater, does not involve a floodplain or flood-prone area, and does not involve an area that has been identified as having significant natural resources.* Additionally, the plan identifies that some industrial uses are already present in the area and should be supported to the extent practicable. Therefore, the requested use is considered reasonable by staff. Additionally, all of the required elements for a site plan have been satisfied thus far; however, in the near future the signage for this property will be modified to acknowledge the new Cincinnati Sands facility, and potentially other uses / businesses. The proposed signage will need to adhere to the standards of the Overlay District.

ACTION REQUIRED

In accordance with Section 1310 of the Zoning Resolution, the Board of Trustees' role in this process is to either enter a motion to approve, modify, or deny the Focus Area Overlay District application—which, in this case consists of an expansion of the existing Redi-Rock manufacturing facility on approximately 5.03 acres—as submitted, along with any further modifications deemed appropriate by the Board.

RECOMMENDED MODIFICATIONS

If the Board should choose to grant favorable consideration to this Overlay District application, staff recommends that these additional items be modified and / or otherwise be adequately addressed prior to final Township action:

- 1) The Applicant must address any concerns of the County Engineer, Clermont County Water & Sewer District, Clermont County Building Department, the Union Township Fire Department, and / or other regulatory agencies having jurisdiction over the proposed development prior to any final Township action.
- 2) Any / all future free-standing signage associated with this property should be limited to monument signage, capped at a height of not more than 12' from finished grade, subject to administrative review and approval.

III. SUPPORTING DOCUMENTS REQUIRED FOR APPLICATION

1. Photocopy of tax map with subject property highlighted.
2. Legal description of property (see deed).
3. Development plans.
4. Application fee as established by the Township Trustees.

IV. SUPPORTING INFORMATION

- A. Existing Zoning District M-1
 Existing Land Use M-1 Commercial
 Proposed Focus Area District and Classification Category M-1

Proposed Land Use Expansion of existing structure with exact like kind materials.

- B. Describe the characteristics of the Parcel/Project for consideration by the Board of Trustees (use additional sheet if necessary):

Please see additional sheet.

Application – Overlay District Plan

Turton Holdings, Family LLC / Redi-Rock Structures of OKI, LLC

Expansion of the existing building to accommodate additional manufacturing space for the precast products of Redi-Rock Structures.

This request is to expand the existing building 80' to the south and closer to Round Bottom Road and lands of TC Properties of OKI, LLC (Tim L. Turton, Managing Member).

The precast facility will have one (1) garage door that will relocate from the existing south end to the proposed new south end of the building with a man door for ingress / egress.

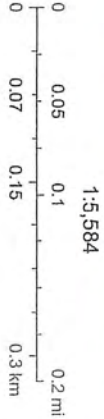
Lighting will be 3 wall pack units installed to provide downward security light on all three sides of the 80' expansion.

The building will be constructed with white metal in like kind to the existing facility.

Clermont County Auditor



November 2, 2023



Clermont County Ohio, Clermont County

This Conveyance has been examined
and the Grantor has complied with
Section 319.202 of the Revised Code.

Purchase Price: \$0.00

Transfer #8358 Transfer Fee: \$0.50

Conveyance Fee: \$0.00

Filed with the Office of

Linda L. Fraley

12/03/2021

BY: knahirniak

202100039437

Filed for Record in Clermont County, Ohio

Deborah Hall Clepper, Recorder

12/03/2021 04:00 PM

Recording Fees: \$42.00

DEED OR 2904 / p1237 - p1239

PARCEL NO. 40-31-08C-071

This instrument prepared
by Ziegler & Schneider, P.S.C.
Attorneys at Law
541 Buttermilk Pike, Suite 500
P.O. Box 175710
Covington, Kentucky 41017-5710
By Lori Fields-Lee, Attorney.

DEED

KNOW ALL PERSONS BY THIS INSTRUMENT:

That Turton Properties, Family LLC, an Ohio limited liability company,

the GRANTOR(S), for and in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to the GRANTOR(S) by the GRANTEE(S) herein, the receipt of which is hereby acknowledged, do(es) bargain, sell and convey to the following named GRANTEE(S),

Turton Holdings, Family LLC,

its successors and assigns forever, the following described real estate, in the Township of Union, County of Clermont, State of Ohio, to wit:

Property Address: 1050 Round Bottom Road, Cincinnati Ohio 45150

SEE LEGAL DESCRIPTION ON EXHIBIT "A" ATTACHED HERETO AND MADE A PART
HEREOF BY REFERENCE.

PRIOR DEED REFERENCE: Official Record Book 2421, page 2073

SUBJECT to conditions, restrictions and easements contained in deeds and instruments of record.

This conveyance has been authorized by Resolution of the Members of the Grantor and the person(s) signing on behalf of the Grantor have also been authorized to do so.

Together with all the privileges and appurtenances to the same belonging. To have and to hold forever the same to the GRANTEE(S), in the fashion and manner stated above in the conveying clause, with covenants of general warranty.

EXECUTED this 23rd day of November, 2021.

GRANTOR:

Turton Properties, Family LLC, an Ohio Limited Liability Company

By: [Signature]
Its: Managing Member
By: [Signature]
Its: Managing Member

STATE OF KENTUCKY, COUNTY OF KENTON (GRANTOR)

The foregoing instrument was sworn to and acknowledged before me this 23 day of Nov, 2021 by Tim Turton, its Managing Member and by DEBBIE Turton its Managing Member of Turton Properties, Family LLC, an Ohio limited liability company, for and on its behalf, the Grantor(s), and that the same was its, free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my name and official seal at KENTON, KENTUCKY.

[Signature] #615144
Notary Public

My commission expires: 1/25/23

My jurisdiction is: STATE AT LARGE

EXHIBIT "A"

PARCEL 403108C071.

Being a parcel of land situated in Union Township, Clermont County Ohio, Seldon Military Survey Number 676, and being more particularly described as follows:

Commencing at a Magnail found in the centerline of Roundbottom road, said point being the centerline of Roundbottom Road and River Valley Drive; thence on the centerline of Roundbottom Road, south 75° 53' 02" East, 162.52 feet to a Magnail set in the centerline of Roundbottom Road; thence continuing on said centerline South 77° 03' 58" East, 915.68 feet to a Magnail set in the centerline of Roundbottom Road, said point being the Real Point of Beginning of the parcel herein described; thence leaving said centerline and continuing North 32° 34' 05" East, 153.86 feet to an Iron pin set, passing an Iron pin set on the north right of way line of Roundbottom Road at 21.36 feet; thence North 40° 44' 21" East, 747.36 feet to an Iron pin set; thence North 81° 42' 22" East, 300.04' to an Iron pin set; thence South 46° 09' 20" East 282.91 feet to an Iron pin found; thence South 44° 00" West, 403.48 feet to an Iron pin set; thence North 46° 00' 08" West 346.78 feet to an Iron pin set, thence North 80° 18' 04" West, 53.73 feet to an Iron pin set; thence South 40° 44' 21" West, 476.63 feet to an Iron pin set; thence South 12° 56' 02" West, 178.03 feet to a magnail set in the centerline of Round Bottom Road, passing an Iron pin set on the north right of way line of Round Bottom Road at 158.01 feet; thence along the centerline of Round Bottom Road 77° 03' 58" West 141.52 feet to the point of beginning, containing 5.03 Acres more or less.

The above description is a result of a survey prepared by Mark D. Walker of the Professional Engineering Group, LLC, an Ohio Registered Surveyor Number 8282 and dated May 12, 2005.



12/03/2021
Legal Description
APPROVED
Clermont County, OH Engineer
Jeremy P. Evans, P.E., P.S.
BY: ALEACH

403108C071. 5.030 AC TL79-148

TC PROPERTIES of OKI, LLC

P.O. Box 67

11966 Taylor Mill Road

Independence, Kentucky 41051-0067

November 3, 2023

Union Township Board of Trustees

Mr. Mark McCormack, Development Director

4350 Aicholtz Road

Cincinnati, Ohio 45245

Re: Redi-Rock Structures of OKI, LLC / Turton Holdings, Family LLC
5.0 acres - Land Purchase – PID# 403 108 C 072

Mr. McCormack,

As discussed on November 2, 2023, when the Application for Approval of the Overlay District Plan was submitted for the expansion of Redi-Rock Structures manufacturing facility; we agreed that it would be proactive to share the forthcoming action plan with Union Township for the sale of the referenced parcel.

The referenced parcel adjoins the land owned by Turton Holdings, Family LLC and in which Redi-Rock Structures of OKI manufactures products.

In January 2024, Turton Holdings, Family LLC plans to purchase the referenced parcel, for Redi Rock Structures to have additional storage for inventory.

If you have any questions about this, please feel free to call.

Sincerely,

TC Properties of OKI, LLC



Tim L. Turton

Managing Member

403108C072.





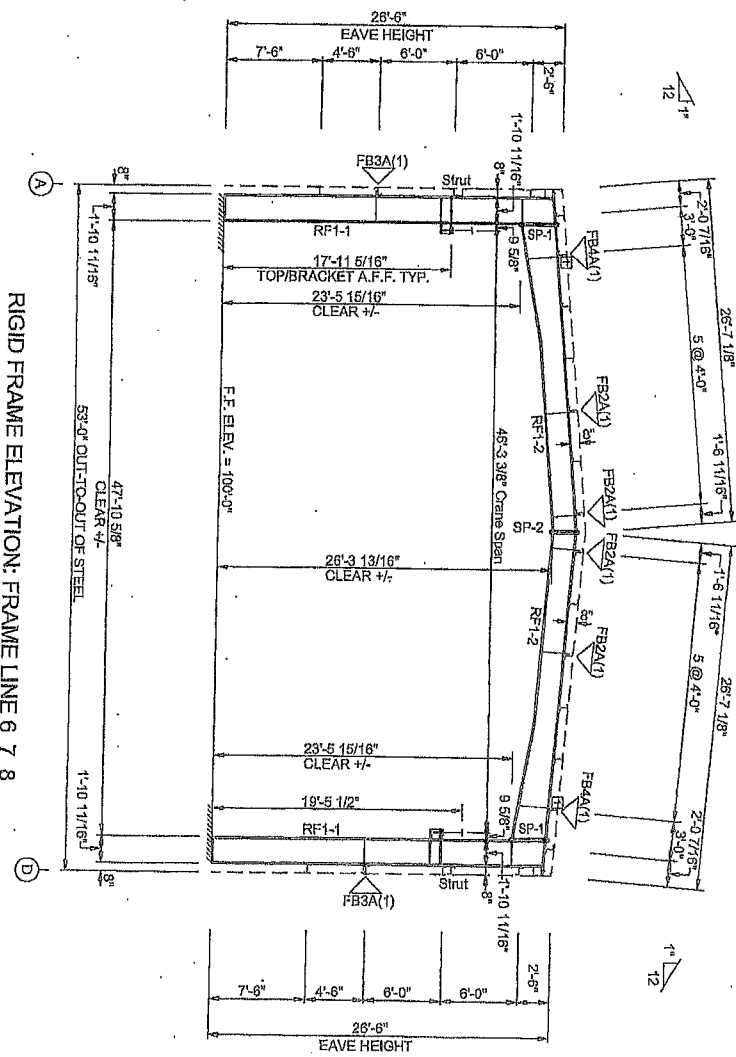
SPICE PLATE & BOLT TABLE									
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick
SP-1	4	4	4	2	A325	3/4"	3'	6"	1/2"
SP-2	4	4	4	0	A325	3/4"	3'	6"	1/2"
STIFFENER TABLE									
Mark	Stiff	Width	Thick	Plate Size	Length				
RF-1-1	SP-1	4.125	0.250	4.000	4.000				
RF-1-1	SP-2	2.500	0.250	21.88	21.88				
RF-1-1	SP-3	2.500	0.250	21.88	21.88				
RF-1-1	SP-4	2.500	0.250	21.88	21.88				

FLANGE BRACES: (1) One Side; (2) Two Sides									
Mark	Stiff	Width	Thick	Plate Size	Length				
FB3A(1)	SP-1	4.125	0.250	4.000	4.000				
FB3A(1)	SP-2	2.500	0.250	21.88	21.88				
FB3A(1)	SP-3	2.500	0.250	21.88	21.88				
FB3A(1)	SP-4	2.500	0.250	21.88	21.88				

FLANGE BRACES: (1) One Side; (2) Two Sides
A-L-183X099

MEMBER TABLE									
Mark	Weight	Web Depth	Web Plate	Outside Flange	Inside Flange				
RF-1-1	926	22.0/22.0	0.220	240.0	6 x 5/16 x 310.0				
RF-1-2	543	30.0/22.0	0.220	71.8	6 x 5/16 x 30.1				
RF-1-2	543	20.0/20.0	0.195	180.0	5 x 1/4" x 287.2				

CONNECTION PLATES									
1	Mark/Part								
1	RF008								



RIGID FRAME ELEVATION: FRAME LINE 6 7 8

- GENERAL NOTES:
1. REVISIONS: 1-18-24.
 2. ALL BASE PLATES ARE AT GRADE ELEVATION UNLESS NOTED.
 3. SEE ANCHOR BOLT PLAN FOR ANCHOR BOLT SIZES AND DETAILS.
 4. FLANGE BRACES ARE REQUIRED ON TWO SIDES OF ALL ONE SIDE (1) AS NOTED.
 5. ALL MAIN FRAME CONNECTION BOLTS ARE A325 UNLESS NOTED.
 6. FOR FLANGE BRACE CONNECTIONS AT COLLARS OR RAFTERS, SEE DETAIL 183B(1) UNLESS OTHERWISE NOTED.

7. FLANGE BRACE LOCATIONS AT EXPOSURE FROM RAIN. IF FLANGE BRACE IS TO BE INSTALLED AT THE TIME OF ERECTION, WHILE THE STEEL IS TO BE STORED AND USED AT THE TIME OF A FUTURE ADDITION, PROPERLY INSULATED ON MAIN FRAMES AS THEY ARE ERECTED AND BEFORE ERECTION LOADS ARE APPLIED.
8. DRAWINGS MAY NOT BE TO SCALE.

REVISION	DATE	BY	CHKD	DESCRIPTION
1	1-18-24	RF	RF	ISSUED FOR CONSTRUCTION



TITLE	CROSS SECTION LINES 6, 7, 8
OWNER	BILLY'S BUILDING SYSTEMS
PROJECT	RED ROCK STATIONERS OF OH
LOCATION	WILSON, OH
DATE	1-18-24
DESIGNER	RF
CHECKER	RF

PERMIT DRAWINGS

THESE DRAWINGS ACCORD TO THE REQUIREMENTS OF THE PERMITTING AGENCY. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE PERMITTING AGENCY'S REQUIREMENTS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE PERMITTING AGENCY'S REQUIREMENTS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE PERMITTING AGENCY'S REQUIREMENTS.

Architectural drawing of a building facade showing a series of vertical panels. The drawing includes labels for "EXISTING BUILDING (NBS JOB #W5H0255A)", "26'-8\"", "Panel Start", "BSD121", "Panel Start", "1'-5\"", "OCA242", "WRC21", "GEDC", "CLH101, GED131, GTS03", "GENDR", "WRC21", and a central cluster of labels: "CCA087", "JTW088", "HTD085", "HTD086", "JTW088", "CCA097". Circled numbers 1 through 9 are placed along the right edge.

1. USE 4" X 4" X 1/4" A36 BOLTS FOR ALL BRACKET CONNECTIONS AND FOR THE MAJORITY OF BRACKET TO FRAME CONNECTIONS (REFER TO ELECTION DETAIL).
2. THE DIAMETER OF THE BRACKING IS DETERMINED BY THE THIRD AND FOURTH DIGITS OF THE BRACKING NUMBER.
 BRACKING NO. 1000
 BRACKET DIA. = 10" DIA. — BRKT = 10" DIA.
 BRACKING NO. 1001
 BRACKET DIA. = 11" DIA. — BRKT = 11" DIA.
 BRACKING NO. 1002
 BRACKET DIA. = 12" DIA. — BRKT = 12" DIA.
3. ADEQUATE EMBARKING BRACKING MUST BE PROVIDED BY THE ERECTOR DURING THE ERECTION OF THE BUILDING.
4. DRAWINGS MAY NOT BE TO SCALE.

5. IT MAY BE NECESSARY DURING ERECTION TO MAKE MINOR ADJUSTMENTS AND ALIGNMENTS TO BOTH PULPERS AND GIRTS PRIOR TO INSTALLING PANELS.
6. REFERENCE TO FIELD SLOT FLUSH PANEL GIRTS FOR CABLE, ROD BRACKING.
7. BEFORE INSTALLATION OF WALL PANELS, IT IS IMPORTANT TO REFERENCE WALL PANEL FASTENER LAYOUT DETAILS TO ASSURE CORRECT USAGE OF FASTENERS.
8. FOR EXHAUST INSTALLATION, SEE [FIGURE 100](#), [FIGURE 100F](#)
9. USE ROPS AT A 7:50 DCC FOR TEMPORARY INSTALLATION OF CUT TRUSS, ALL PRIMARY AND SECONDARY TRAILING, AND BRACKING. CUTS MUST BE INSTALLED.

- | | |
|---|----------|
| 10. ALL GERT LAPS NOT INDICATED WILL BE 2-1/4". | DETAIL |
| 11. REF. [GAD003] FOR CAULKING AT TRIM LAPS. | NAME |
| 12. WARNING: PENAL LEAD AND MARKER WILL CAUSE GALV. PANELS AND TRIM PIECES TO RUST. DO NOT USE THESE TO MARK ON PARTS. | NO PARTS |
| 13. BUILDERS TO FIELD CUT OR BACK LAP PANELS AS REQUIRED. | NO PARTS |
| 14. TRIM THAT IS HIDDEN UPON PROPER INSTALLATION (EX: CL, INT, ROL) MAY NOT BE THE SAME COLOR AS THE TRIM THAT WILL BE VISIBLE. | NO PARTS |

[illegible]

CERTIFICATION EXTENDS ONLY FOR THE LOADS SPECIFIED ON MITSUBISHI PURCHASE ORDER AS APPLIED TO THE STRUCTURAL COMPONENTS OF THE BULKING SYSTEM IN

PERMIT DRAWINGS

THESE DRAWINGS ACCURATELY DEPICT THE FINAL DESIGN OF THIS PROJECT AND MAY BE USED TO VERIFY THE FRAMING MEMBER SIZES, PRIOR TO THE DELIVERY OF THIS PROJECT. A SET OF DRAWINGS WILL BE ISSUED WITH THE PRELIMINARS AND ADDITIONAL DETAIL NECESSARY FOR THE CONSTRUCTION OF THIS LEGAL BUILDING SYSTEM. NOTE THESE DRAWINGS ARE NOT TO BE USED AS APPROVAL DRAWINGS AND ANY CHANGES MADE MAY DELAY THE DELIVERY OF THIS PROJECT.

BECKER'S
ELECTRICAL SUPPLIES
ENERGY SOLUTIONS

BECKER'S
Since 1920
ELECTRICAL SUPPLIES

BECKER'S
Since 1920
AUTOMATION

REDI-ROCK
STRUCTURES OF OKI

REDI-ROCK STRUCTURES
MILFORD, OHIO



E11



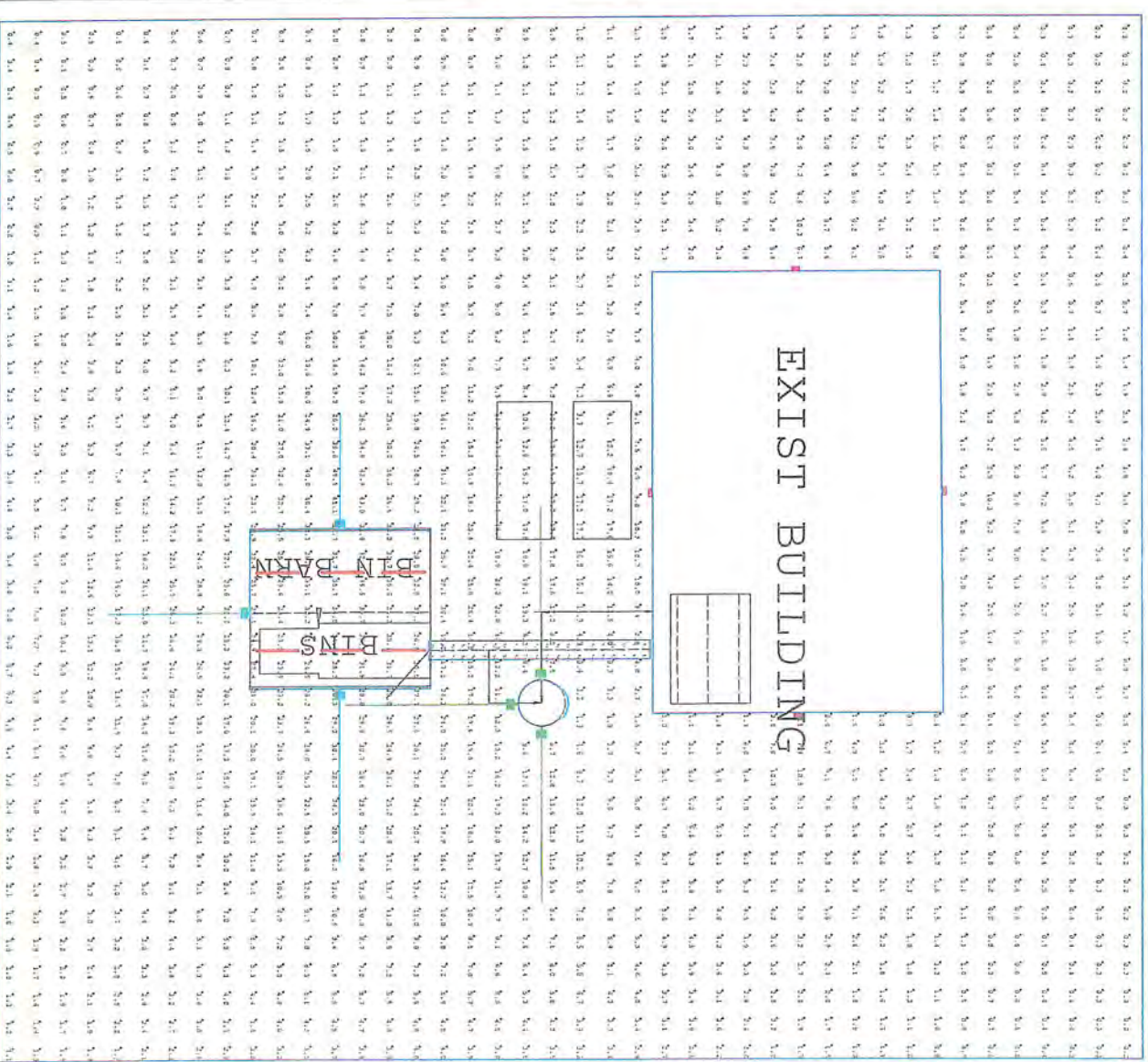
FL2



VT8

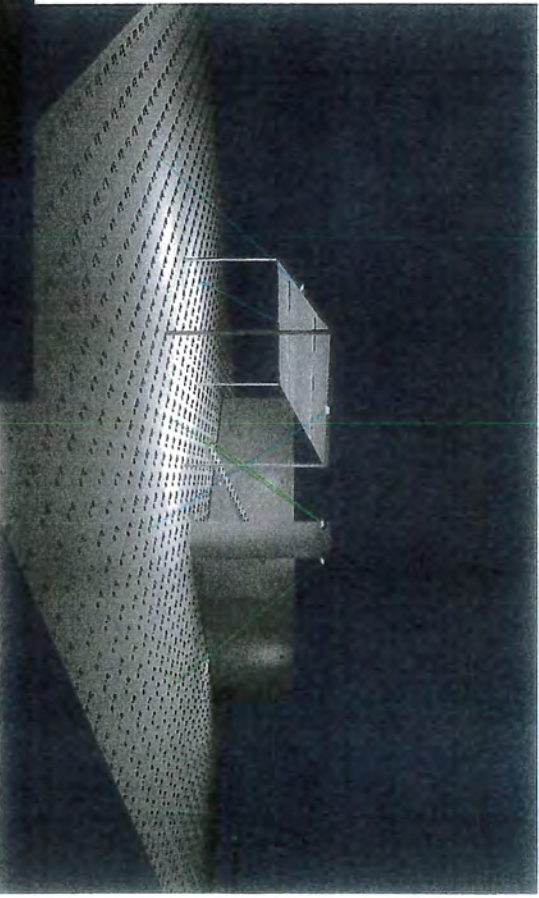
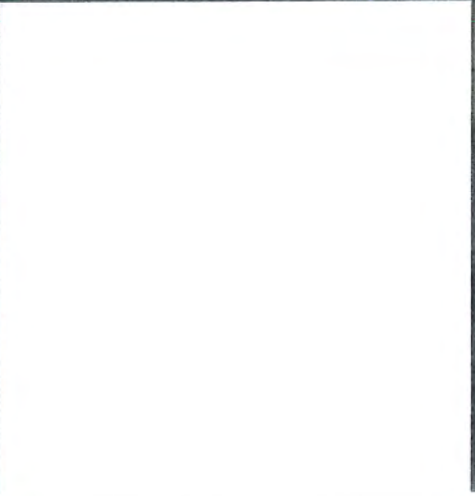
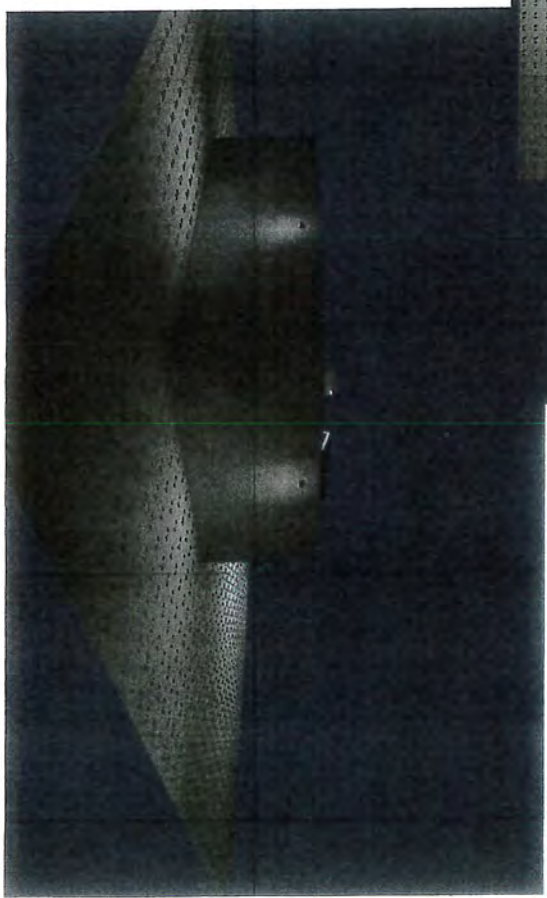


M



Calculation Summary						
Label	Calc Type	Units	Avg	Max	Min	Avg/Min
CalcFs 1	Illuminance	Fc	7.14	45.5	0.2	35.70
convet_T0p	Illuminance	Fc	22.11	35.3	5.2	4.25
						6.79

Luminaire Schedule			Total Watts	Lum. Lumens
Symbol	Qty	Label		
	3	FL1	1,000	27163
	3	SINGLE	1,000	614.7
	3	SINGLE	1,000	36523
	6	W78	1,000	577.2
	4	SINGLE	1,000	13425
	W	SINGLE	1,000	31259
		WPEID104 ALED104 (1/5 DEGREE UP TILT)	424.4	



Drawn By: KENN GRANT
Date: 9/12/2017

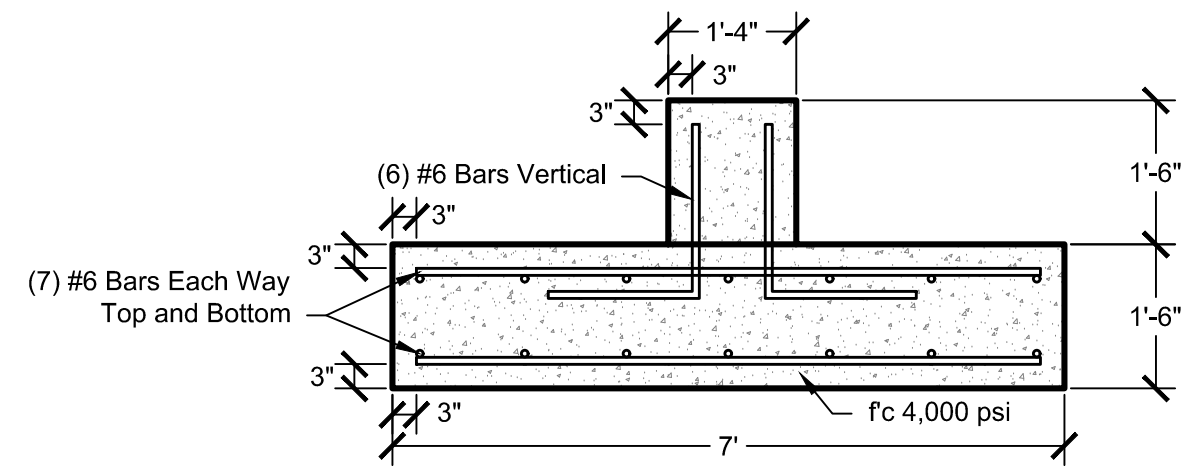
REDI-ROCK STRUCTURES
MILFORD, OHIO

BECKER ELECTRIC SUPP
11310 Mosler Road
Cincinnati, Ohio 45241
513-771-3550
www.beckerelectric.com

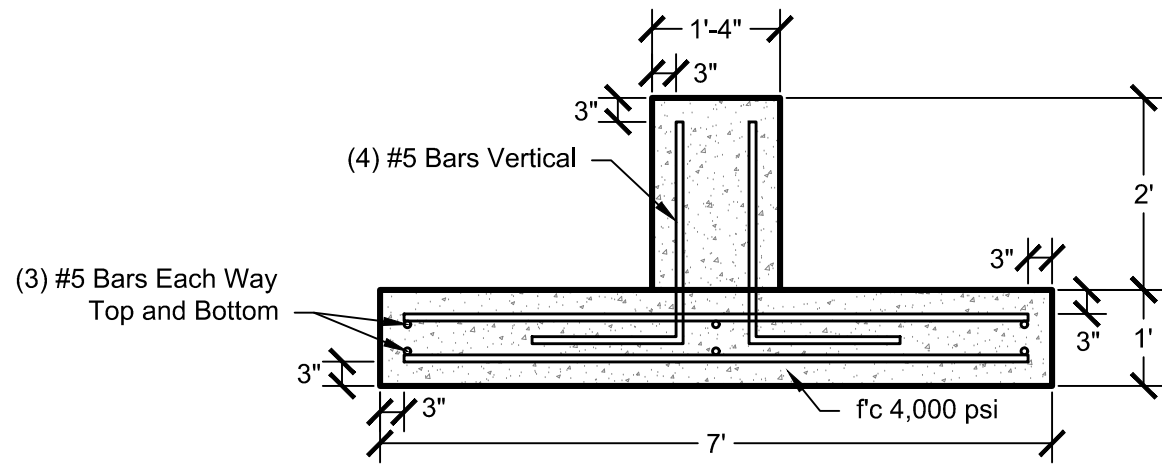


C1

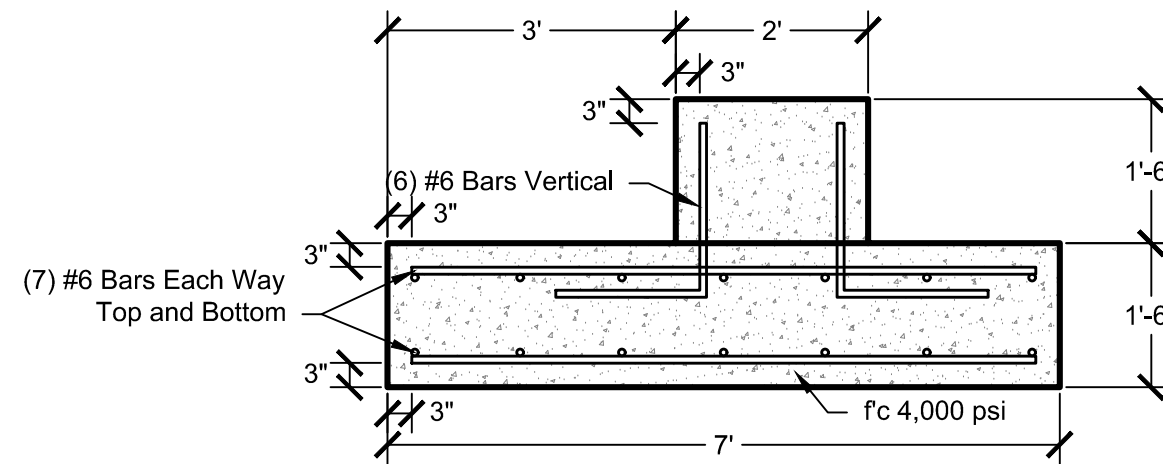
PLOTTED: Nov 28, 2023 - 1:44pm PLOTTED BY: rbailey
DRAWING: S:\23-306 - RedRock OKI\CIVIL\DWG\23-306 CD.dwg; C2 FNDTN RED-ROCK OKI



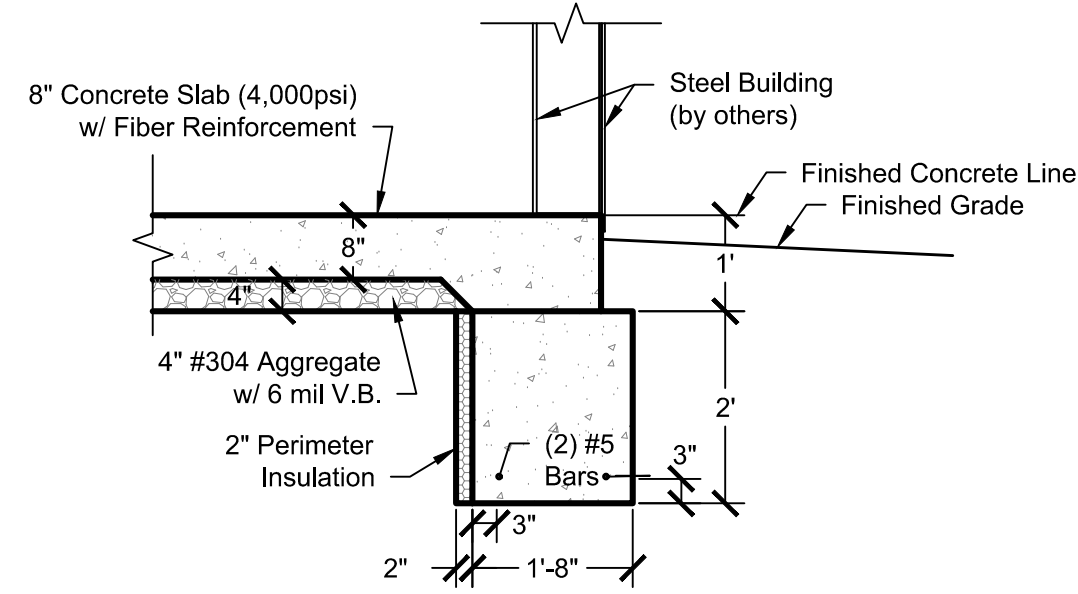
SECTION C-C
SCALE: 1/2" = 1'-0"



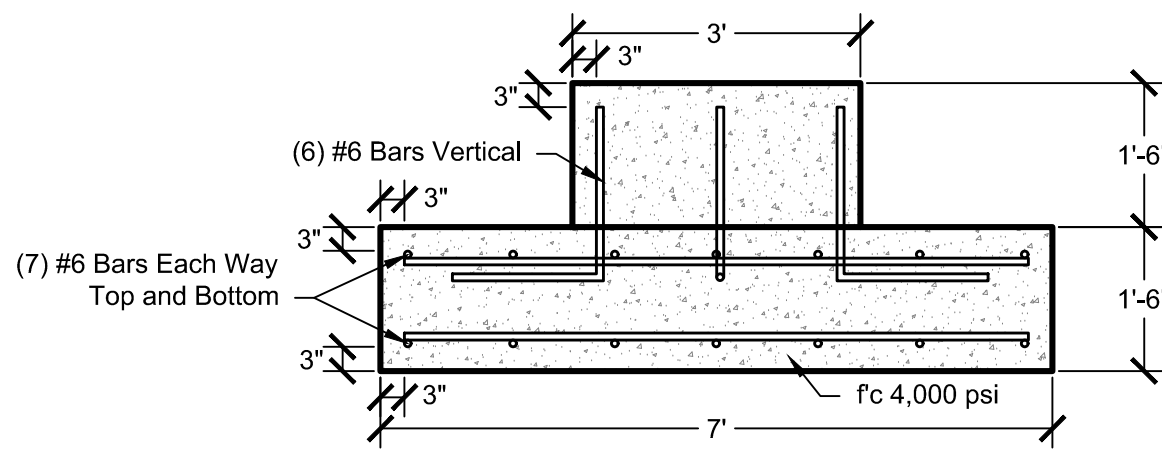
SECTION D-D
SCALE: 1/2" = 1'-0"



SECTION E-E
SCALE: 1/2" = 1'-0"

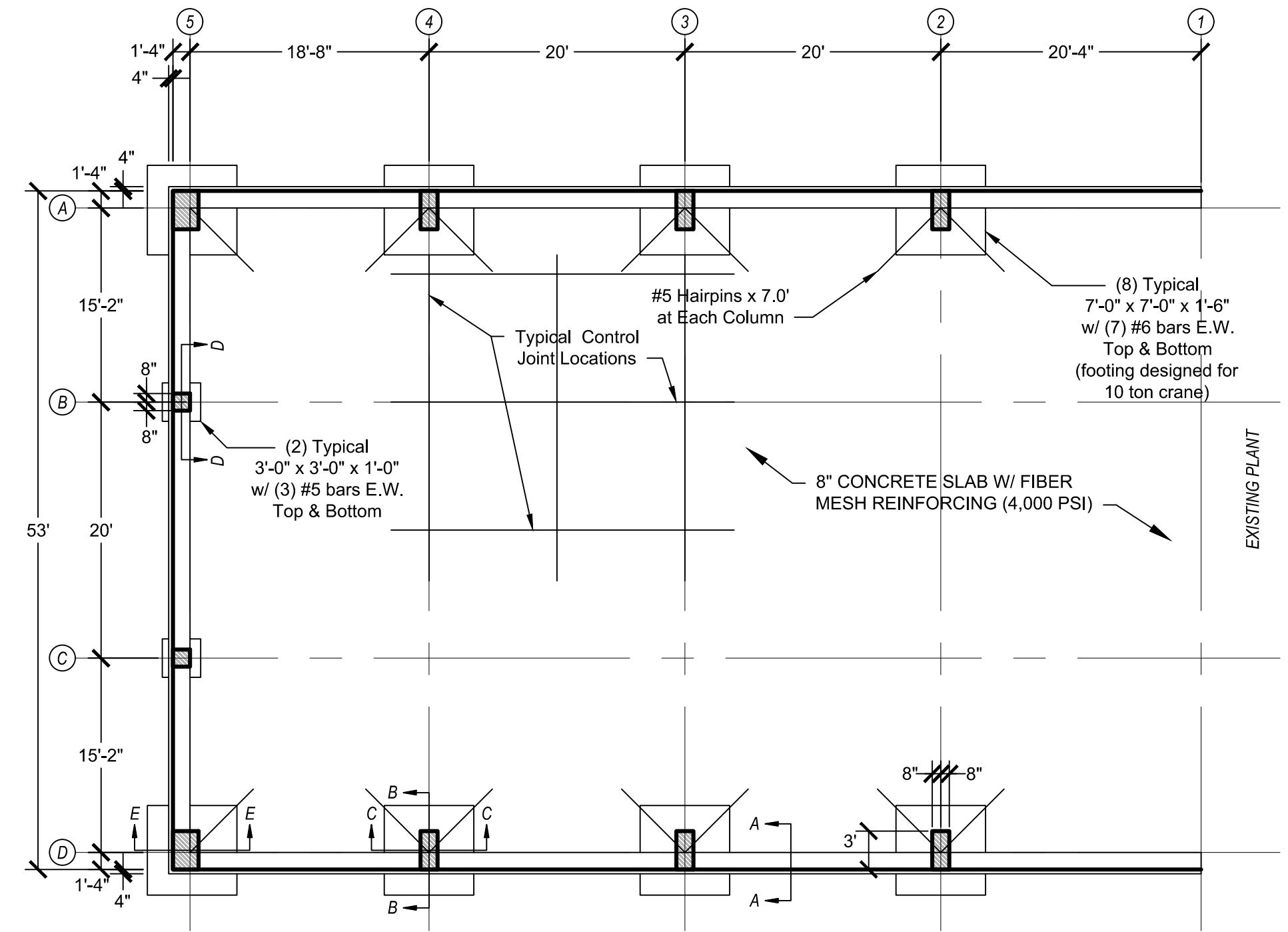


SECTION A-A
SCALE: 1/2" = 1'-0"

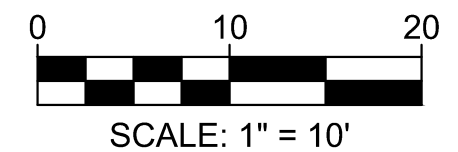


SECTION B-B
SCALE: 1/2" = 1'-0"

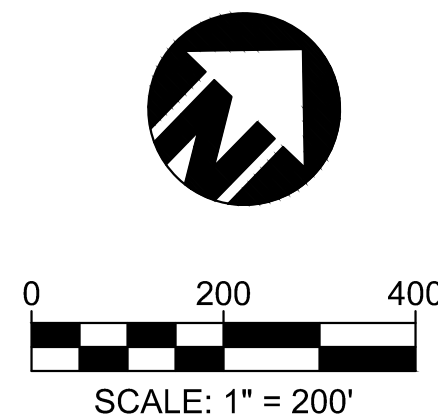
FOUNDATION DETAILS



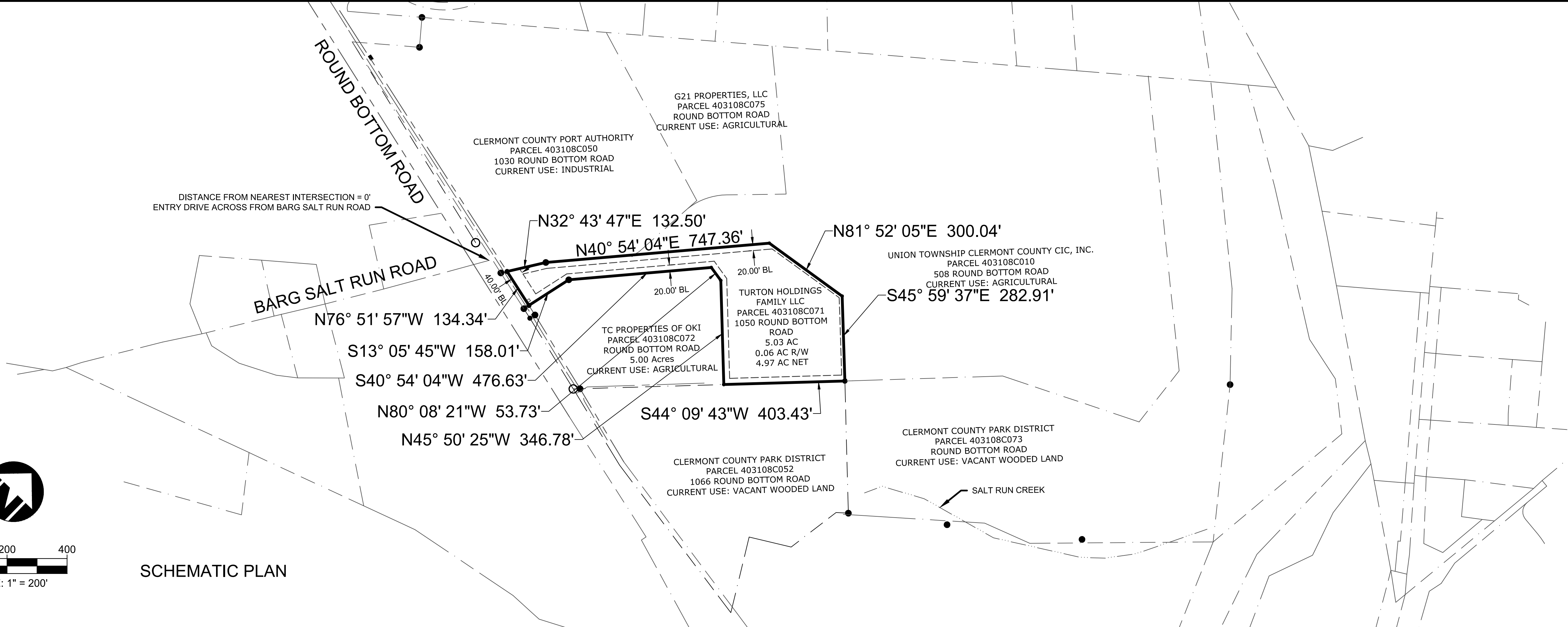
FOUNDATION PLAN



NO	REVISION	COMMENTS	DATE
1	11/27/23	UPDATE PER UNION TOWNSHIP COMMENTS	11/27/23
2	11/28/23	UNION TOWNSHIP COMMENTS	11/28/23
3			
4			
5			
6			
7			
8			
9			



SCHEMATIC PLAN



CIVIL SOLUTIONS
ENGINEERING THE EARTH
3760 FULTON GROVE ROAD
CINCINNATI, OHIO 45245
(513) 752-9500
WWW.CIVILSOLUTIONS.NET

**RED-ROCK STRUCTURES
OF OKI PLANT EXPANSION**

1050 ROUND BOTTOM ROAD
MILFORD, OH 45150
UNION TOWNSHIP, CLERMONT COUNTY

FOUNDATION PLAN

FILE: 23-306 CD.dwg
ISSUED: OCT 31, 2023

C2



**REDI-ROCK STRUCTURES
MILFORD, OHIO**



FL1



FL2

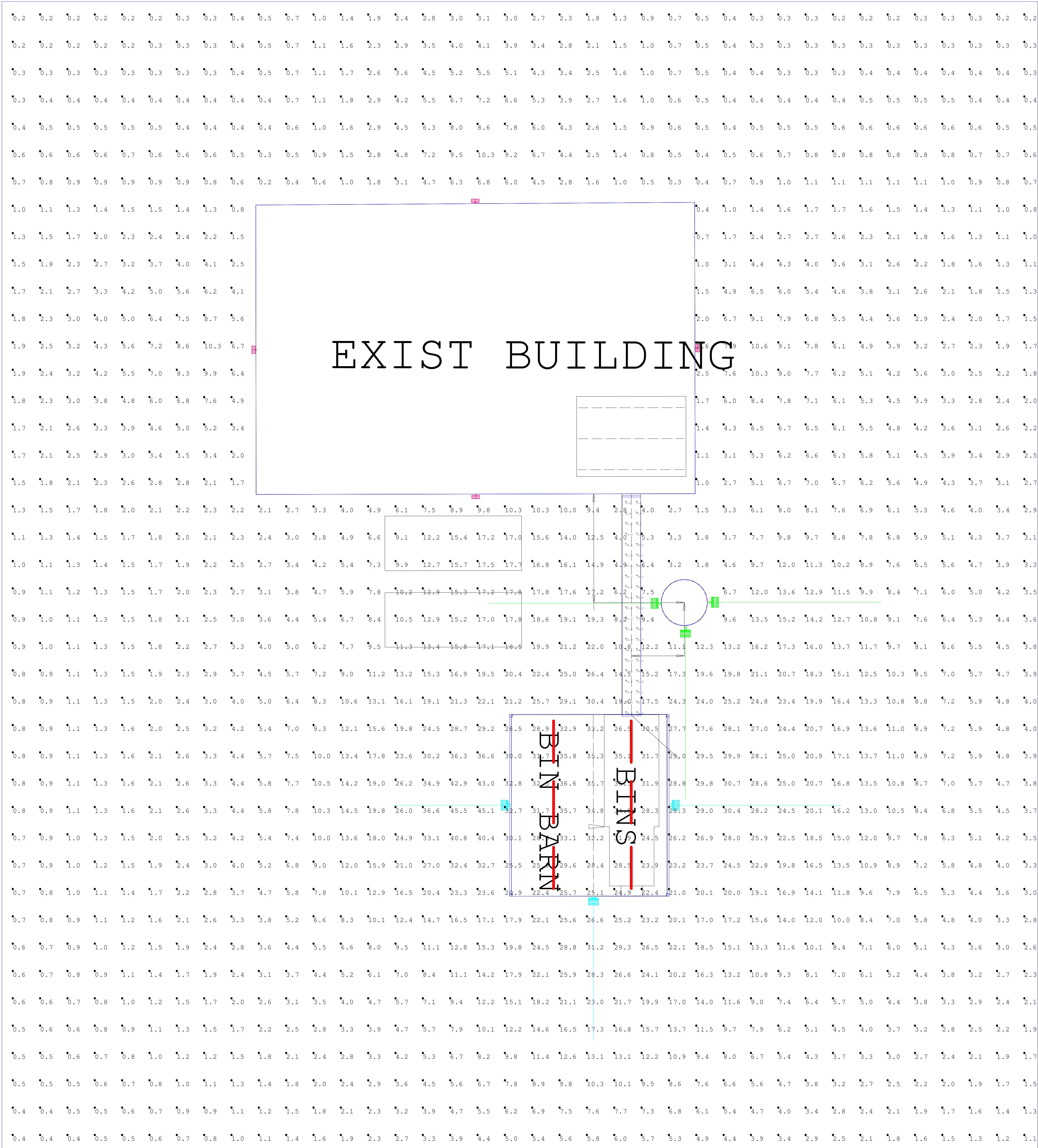


VT8



W

Design Control Document Only - (Not for Construction)
Recommended location and positioning is based on information provided. Illumination levels are calculated by laboratory data in accordance with IES approved methods. Performance may vary due to job specific variables. Calculations do not account for the influence of obstructions unless otherwise noted. An engineer and/or architect must approve the applicability of the layout for final construction documents.



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Fc	7.14	45.5	0.2	35.70	227.50
conveyor_Top	Illuminance	Fc	22.11	35.3	5.2	4.25	6.79

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LLF	Description	Total Watts	Lum. Lumens
	3	FL1	SINGLE	1.000	FXLED200SF	614.7	27168
	3	FL2	SINGLE	1.000	FXLED300T	944.4	38523
	6	VT8	SINGLE	1.000	SHARK8-100W_D10	577.2	13429
	4	W	SINGLE	1.000	WPLED104 _ ALED104 (15-DEGREE UPTILT)	424.4	13129

Drawn By: KENN GRANT

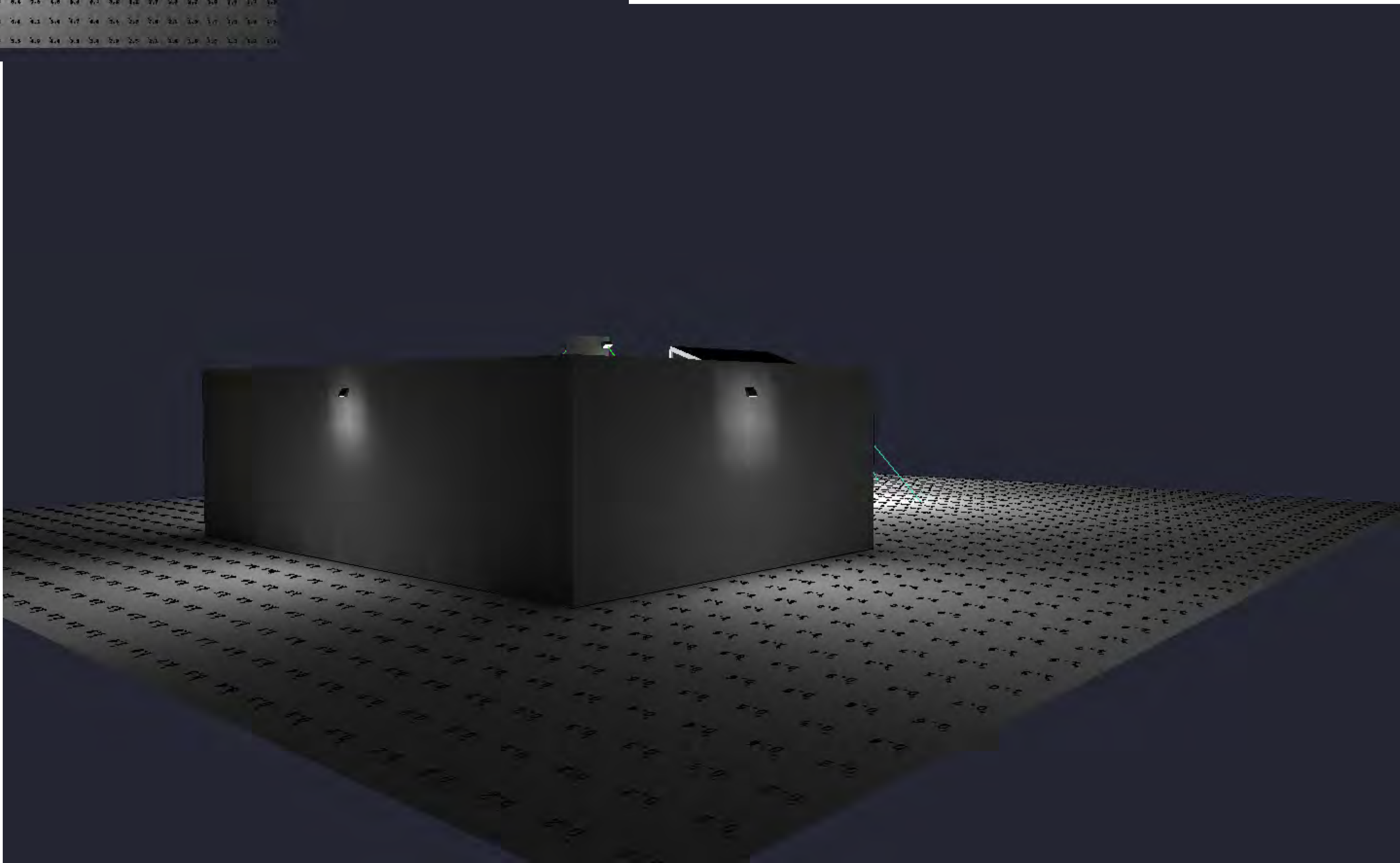
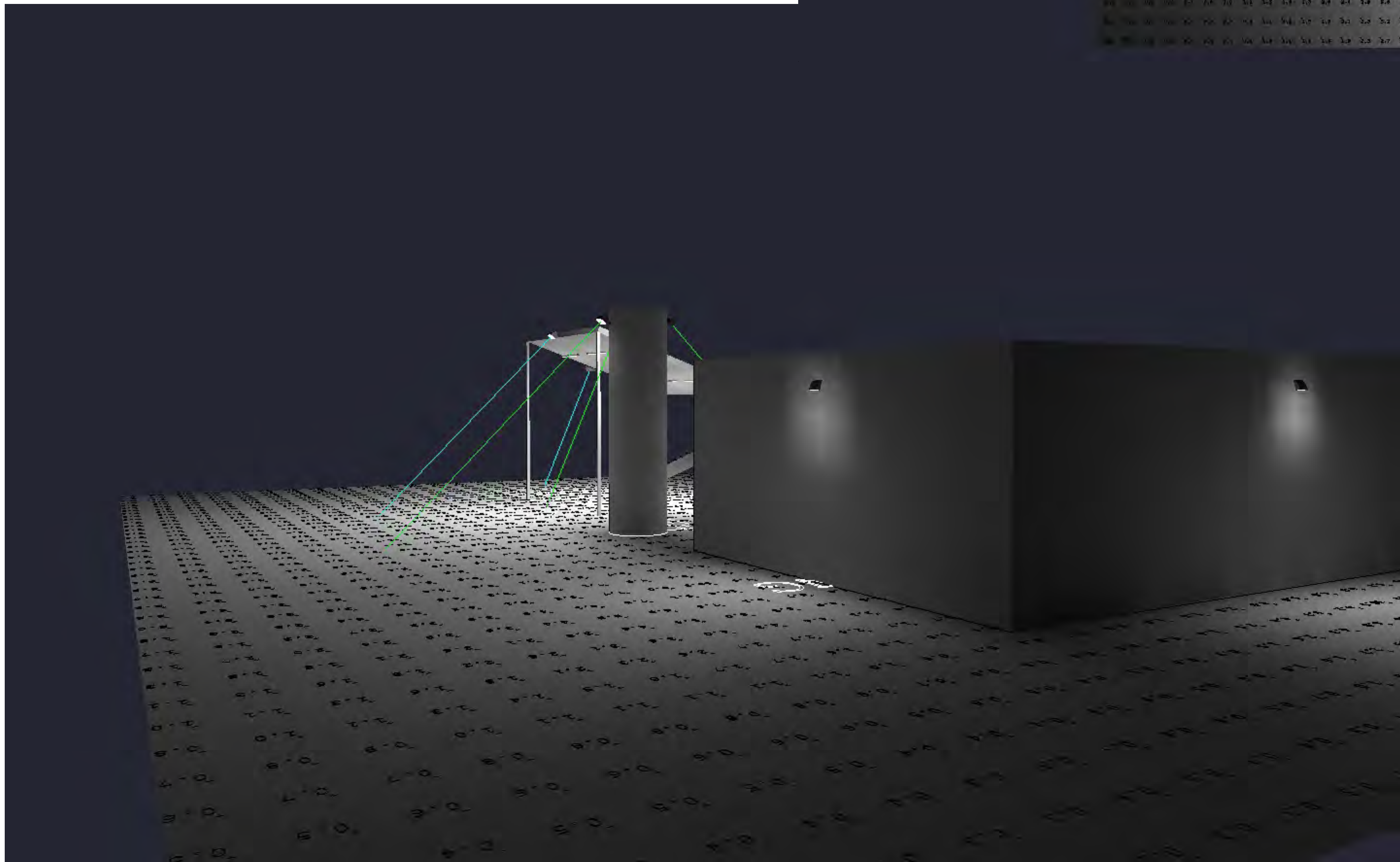
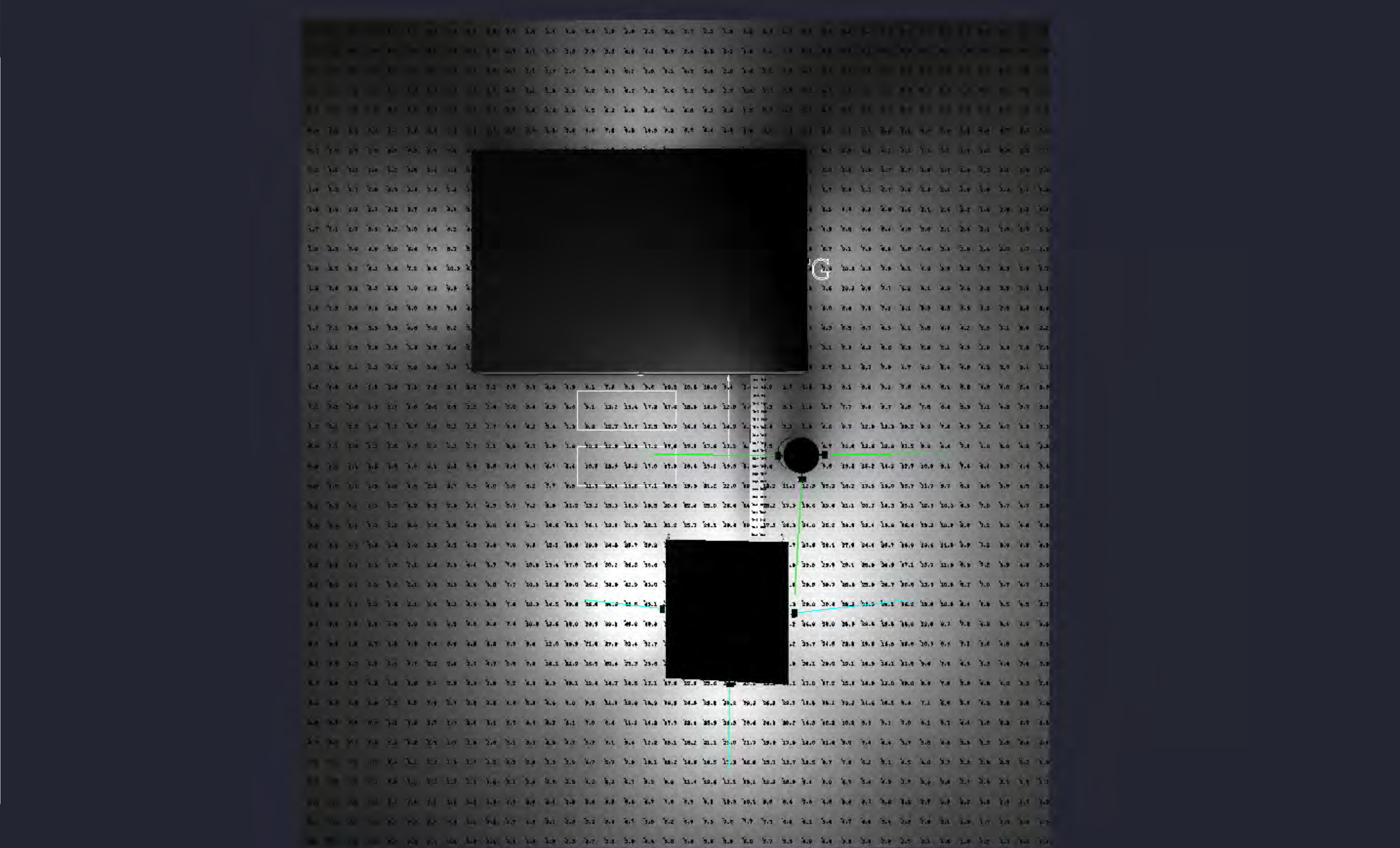
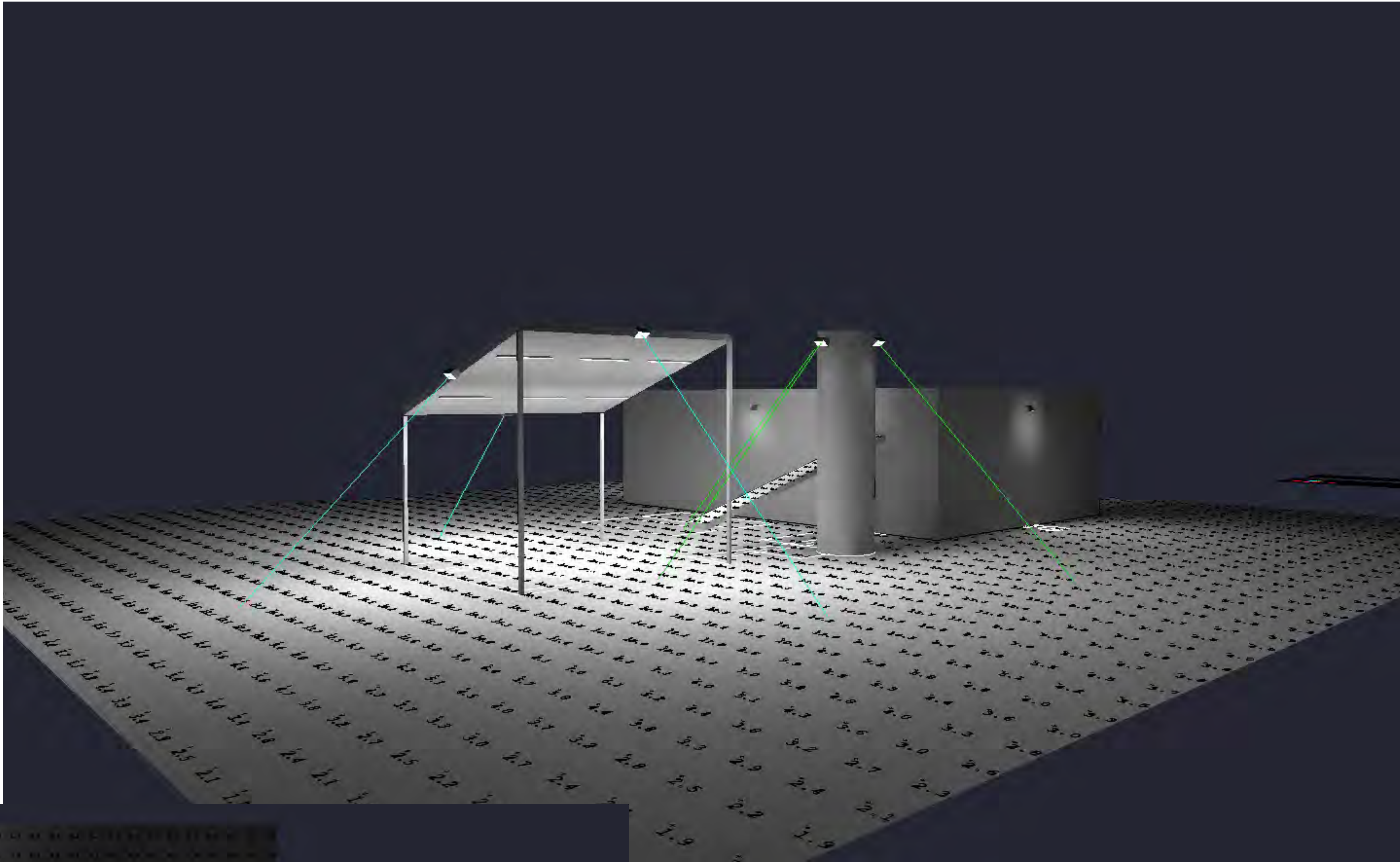
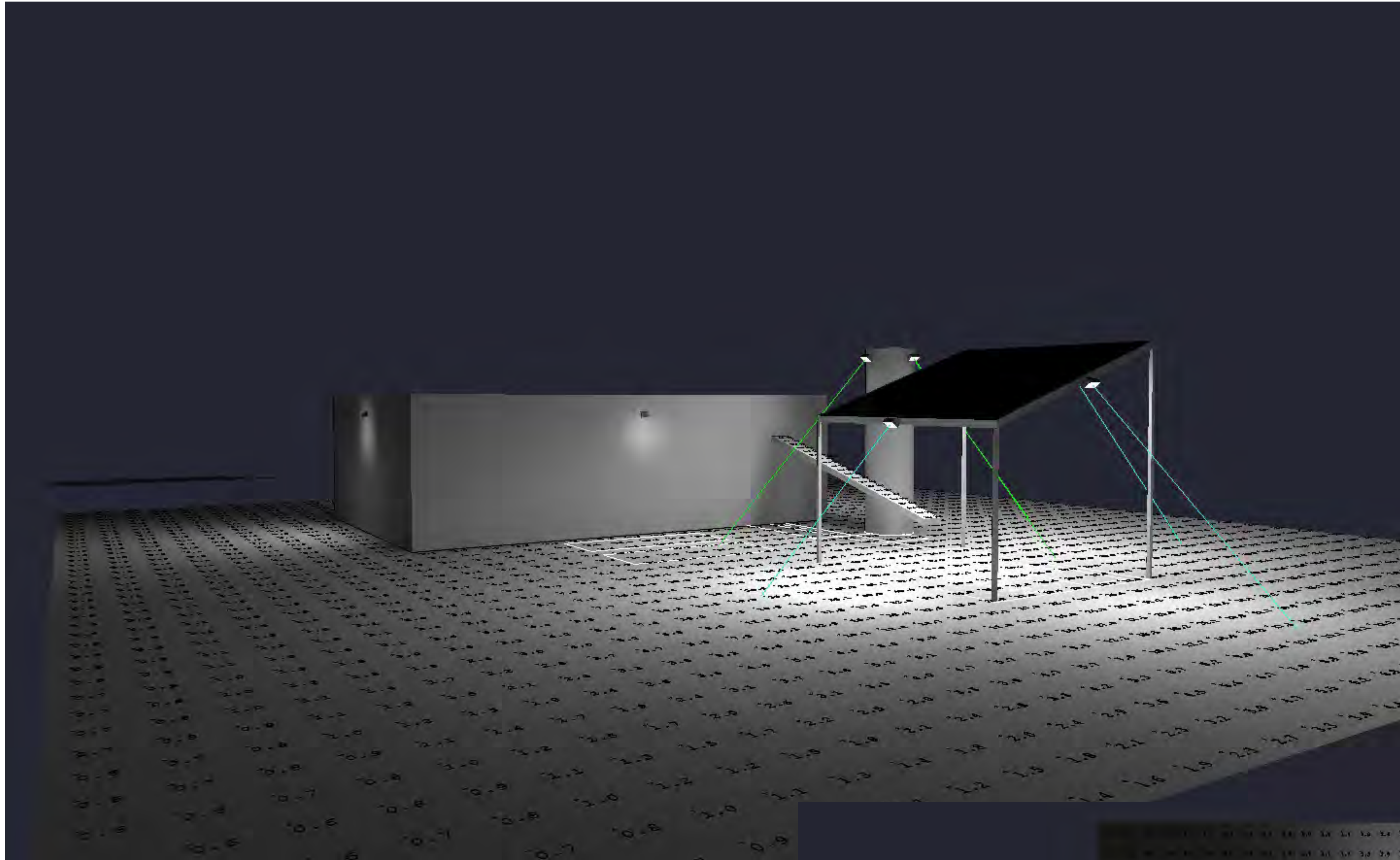
Date:9/12/2017

Scale: 1" = 8'

REDI-ROCK STRUCTURES
MILFORD, OHIO



BECKER ELECTRIC SUPPLY
11310 Mosteller Road
Cincinnati, Ohio 45241
513-771-2550
www.beckerelectric.com



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513-771-2550
www.beckerelectric.com

REDI-ROCK STRUCTURES MILFORD, OHIO

Drawn By: KENN GRANT

Date: 9/12/2017



Lighting Group

BECKER ELECTRIC SUPPLY
www.beckerelectric.com

PROJECT MANAGERS/QUOTATIONS SPECIALISTS

Nathan Jordan

Joined the Industry in: 2006
With Becker's since: 2012
nathan.jordan@beckerelectric.com
(513) 771-2550
Direct: (513) 587-8404

Emily Steidel

Joined the Industry in: 2013
With Becker's since: 2016
emily.steidel@beckerelectric.com
(513) 771-2550
Direct: (513) 326-7160

Jason Hunter

Joined the Industry in: 2006
With Becker's since: 2015
jason.hunter@beckerelectric.com
(937) 226-1341
Direct: (937) 853-2947

Chassidy Simos

Joined the Industry in: 2008
With Becker's since: 2014
chassidy.simos@beckerelectric.com
(513) 771-2550
Direct: (513) 587-8456

Chad Winders

Joined the Industry in: 2008
With Becker's since: 2008
chad.winders@beckerelectric.com
(513) 771-2550
Direct: (513) 587-8419

Paul Jenkins

Joined the Industry in: 1965
With Becker's since: 1965
paul.jenkins@beckerelectric.com
(937) 226-1341
Direct: (937) 853-2950

Ray Shoemaker

Joined the Industry in: 1988
With Becker's since: 2017
ray.shoemaker@beckerelectric.com
(317) 757-5390
Cell: (317) 294-3826

PROJECT SUPPORT TEAM

Allison Cornell

SQUARE D/LIGHTING
PROJECT MANAGER
Joined the Industry in: 2015
With Becker's since: 2015
allison.cornell@beckerelectric.com
Direct: (937) 853-2948

Nicole Skinner

SQUARE D/LIGHTING
PROJECT MANAGER
Joined the Industry in: 1991
With Becker's since: 2009
nicole.skinner@beckerelectric.com
(614) 272-8800
Direct: (614) 545-5018

Amanda Wright

LIGHTING PROJECT MANAGER
Joined the Industry in: 2017
With Becker's since: 2017
amanda.wright@beckerelectric.com
(513) 771-2550
Direct: (513) 587-8446

Kenn Grant

LIGHTING DESIGN
Joined the Industry in: 2001
With Becker's since: 2017
kenn.grant@beckerelectric.com
(513) 771-2550
Direct: (513) 587-8425

ENERGY SOLUTIONS TEAM

Susan Jones

Joined the Industry in: 1996
With Becker's since: 2013
susan.jones@beckerelectric.com
(513) 771-2550
Direct: (513) 587-8415
Cell: (513) 260-5648

Marvin Schultz

DIRECTOR OF LIGHTING GROUP
Joined the Industry in: 1976
With Becker's since: 2014
marvin.schultz@beckerelectric.com
(513) 771-2550
Cell: (859) 308-7221

Todd Maxwell

Joined the Industry in: 1989
With Becker's since: 1996
todd.maxwell@beckerelectric.com
(937) 226-1341
Direct: (937) 853-2941
Cell: (937) 545-0537

Christina Church

QUOTATIONS MANAGER
Joined the Industry in: 1998
With Becker's since: 1998
christina.church@beckerelectric.com
(513) 771-2550
Direct: (513) 587-8422

Dayton, OH Cincinnati, OH Columbus, OH Sidney, OH Tallapoosa, GA
Indianapolis, IN Greensburg, IN Columbus, IN

Why Becker Electric Supply?

Founded in 1920 by John Adam Becker, we are a family owned wholesale distributor of electrical products, automation controls and commercial lighting headquartered in Dayton, Ohio. In our third generation as a family-owned business, we have over 150 employees with a strong commitment to providing quality services and project support to commercial, industrial, residential contractors, industrial plants, and power utilities.

With eight warehouse locations in Ohio, Indiana, and Georgia, we serve the industrial OEM and MRO markets, commercial construction contractors, and property management companies. Through our Energy Solutions division, we provide energy saving solutions for existing facilities, such as retrofit lighting upgrades.

Our goal as a distributor is to not only provide local support and delivery of quality electrical products, but to also assist you in reducing your overall operating costs. To help you increase your productivity, we offer inventory management services, including bin stocking, kitting, bar coded packing lists, EDI, and on-line order entry. We have an electrical panel building program for custom panel design. For OEM and MRO customers we offer the ability to service national accounts through supplyFORCE, the largest commodity management program in North America.

The Becker's Mission

We are... Dedicated to profitably increase our market share by strengthening our customer and supplier relationships.

We are... Committed to provide growth opportunities for all associates.

We are... Responsible for continuing this business forever.

Affiliations

