



URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

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

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

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

Date Submitted: <u>5/18/16</u>	<input type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>6/1/16</u>	<input type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 4814 Freedom Ring Road
Project Title (if any): Dilbar Gas Station

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

New Development Alteration to an Existing or Previously-Approved Development

A. Project Type:

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

B. Signage:

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

C. Other:

Please specify: (UMX) zoning, DAT requested UDC for this project

3. Applicant, Agent & Property Owner Information:

Applicant Name: <u>Nick Baduia</u>	Company: <u>Shuffel Architects, LLC</u>
Street Address: <u>7780 Elmwood Ave, #208</u>	City/State: <u>Middleton, WI</u> Zip: <u>53562</u>
Telephone: <u>(608) 836-7570</u> Fax: ()	Email: <u>nbaduia@shuffelarchitects.com</u>

Project Contact Person: <u>Same as above</u>	Company: _____
Street Address: _____	City/State: _____ Zip: _____
Telephone: () _____ Fax: () _____	Email: _____

Project Owner (if not applicant): <u>Pammi Sekhar, Dilbar Tech, LLC</u>	City/State: <u>Fitchburg, WI</u> Zip: <u>53711</u>
Street Address: <u>2644 Granite Road</u>	Email: _____
Telephone: () _____ Fax: () _____	

4. Applicant Declarations:

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Al Martin on 12/16/15.
(name of staff person) (date of meeting)

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

Name of Applicant: <u>Nick Baduia</u>	Relationship to Property: <u>owner's agent</u>
Authorized Signature: <u>Nick Baduia</u>	Date: <u>05/18/16</u>



May 18, 2016

**City of Madison
Urban Design Commission
215 Martin Luther King Jr. Blvd.
P.O. Box 2985
Madison, WI 53701**

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Re: Proposed new development
Dilbar Gas Station
4814 Freedom Ring Road
Madison, Wisconsin

On behalf of Dilbar Tuhe, LLC, I am submitting this letter of intent and application for the city of Madison Urban Design Commission. The proposed development is for a new gas station and convenience store building located at 4814 Freedom Ring Road. The project was previously submitted for informational review.

Project Overview:

The development proposed includes a new convenience store (approx. 3,200 SF), gas pumps and tenant space (approx. 1195 SF). The proposed design locates the building at the corner of Siggelkow Road and Freedom Ring Road. The tenant space directly on the corner will be a two story structure, to provide the building with enough height to become a prominent architectural feature along Siggelkow Road.

In response to comments from the informational UDC review and neighborhood meetings, the project has incorporated several design changes. The massing of the building has been shifted to allow more of the tenant space to sit along Freedom Ring Road. Further, the patio space has been relocated to this side of the building, to allow views to the neighborhood and encourage a pedestrian connection from the sidewalk. These changes allow for increased activity on both the front and back sides of the building. Existing sidewalks will connect to the proposed patio space increasing pedestrian traffic to the site at the corner, with automobile traffic pushed back and visually screened behind the building.

In response to comments from neighborhood meetings, the building has shifted to a more “residential” feel, with subsequent changes in roof forms and material selections. The site will be heavily landscaped to provide a buffer between the site and existing residential properties. Further, a cedar fence is proposed along the full north and west ends of the site to screen along the adjacent residentially zoned properties.

Project Data:

Project Name:	Dilbar Gas Station
Address:	4814 Freedom Ring Road
Lot size:	47,921 sf
Building size:	4,395 sf
Proposed Use:	Gas Station/Retail



Lot Coverage: 59% coverage
Automobile Parking: 23 spaces + 2 Handicapped
Bicycle Parking: 6 total spaces

Zoning District:

The property is currently zoned NMX, Neighborhood Mixed Use.

Page | 2

Project Schedule:

The project construction schedule will be as follows:

Construction Start: August, 2016
Substantial Completion: February 2017

Respectfully,

Nick Badura

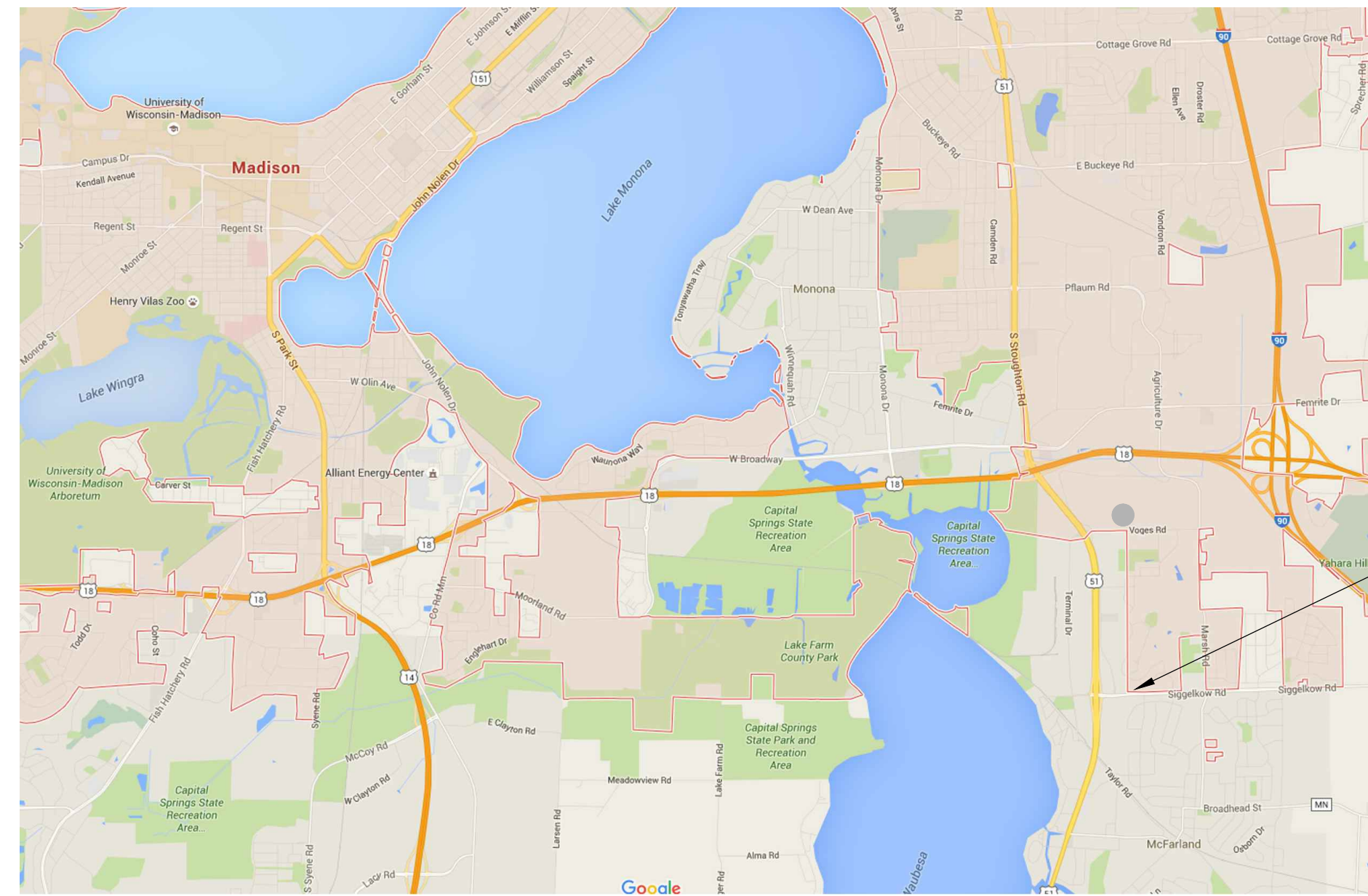
SHULFER ARCHITECTS, LLC

DILBAR GAS STATION

NEW BUILDING
4814 FREEDOM RING ROAD.
MADISON, WISCONSIN

SHEET INDEX:

A0.1	COVER SHEET
A0.2	SITE PHOTOS
A1.0	ARCHITECTURAL SITE PLAN
A1.2	WELLHEAD LOCATION
1 OF 4	EXISTING SITE PLAN
2 OF 4	PROPOSED SITE PLAN
3 OF 4	GROUND AND EROSION CONTROL PLAN
4 OF 4	UTILITY PLAN
5 OF 5	TRUCK TURNING RADIUS
L1.0	LANDSCAPE PLAN
1 OF 5	EXTERIOR LIGHTING INFORMATION
2 OF 5	EXTERIOR LIGHTING INFORMATION
3 OF 5	EXTERIOR LIGHTING INFORMATION
4 OF 5	EXTERIOR LIGHTING INFORMATION
5 OF 5	EXTERIOR LIGHTING INFORMATION
A2.1	FLOOR PLAN
A3.1	EXTERIOR ELEVATIONS
A3.2	EXTERIOR ELEVATIONS
A3.3	EXTERIOR RENDERINGS



SITE LOCATION

1 SITE MAP
NTS



SITE LOCATION

2 SITE LOCATION
NTS



1000 PAVANUMETER ST., SUITE 102
MILWAUKEE, WI 53219
TEL: 414.224.1100
FAX: 414.224.1101



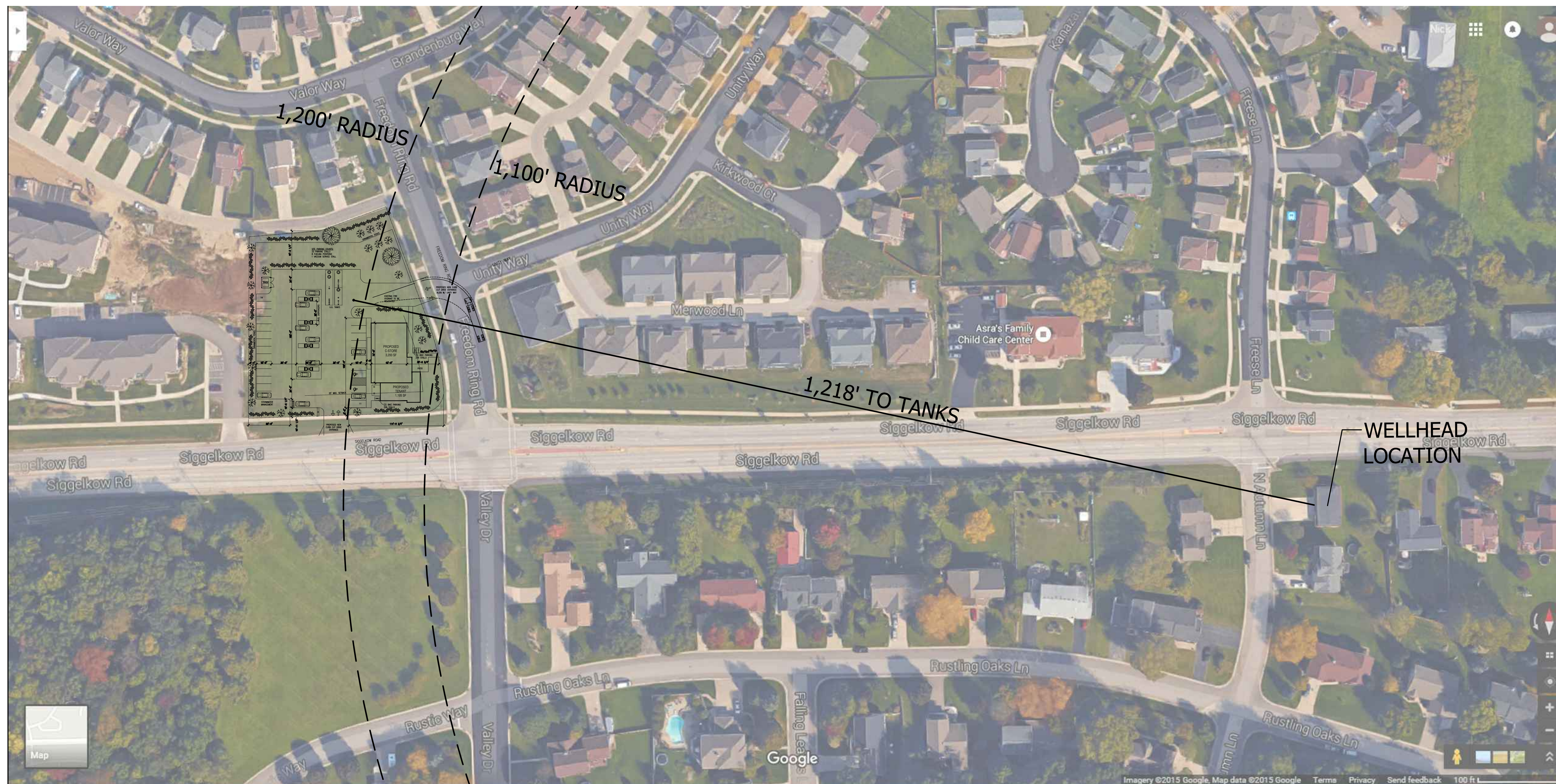
SHULFER
ARCHITECTS, LLC

NEW GAS STATION

4814 FREEDOM RING RD.
MADISON, WI

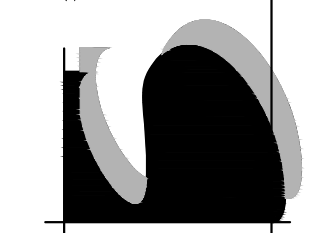
SITE PHOTOS

01/27/16
UDC MEETING



1 **WELLEHEAD LOCATION**
1/64"=1'-0"

1000 PARKWAY ST., SUITE 402
MADISON, WI 53704
TELEPHONE: 608.806.9700
FAX: 608.806.9705



SHULFER
ARCHITECTS, LLC

NEW GAS STATION

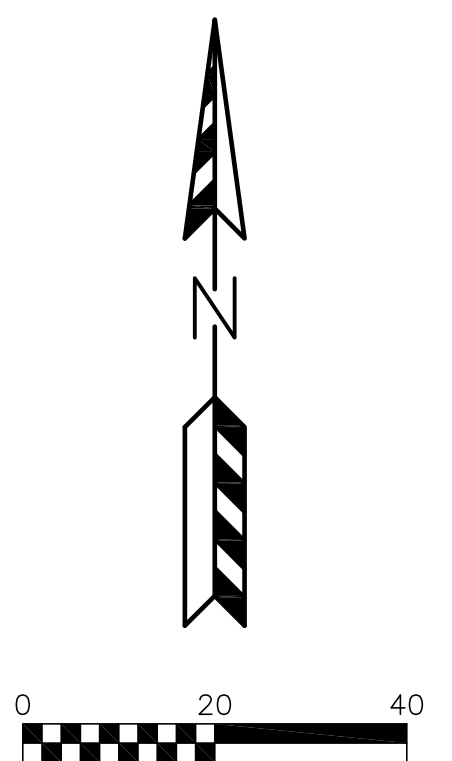
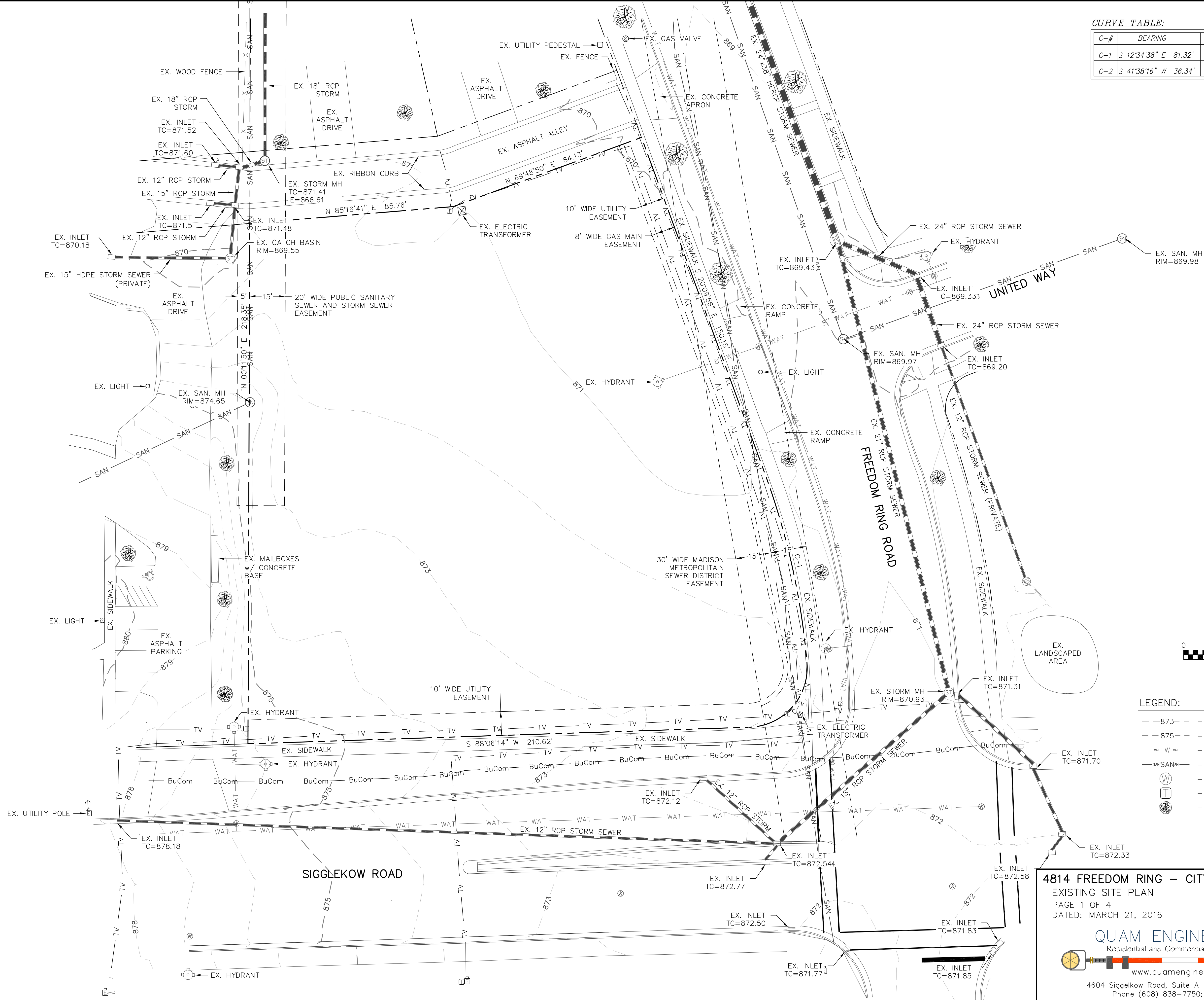
4814 FREEDOM RING ROAD
MADISON, WI

WELLHEAD LOCATION

02/24/16
NEIGHBORHOOD MTG
03/21/16
PC SUBMITTAL

CURVE TABLE:

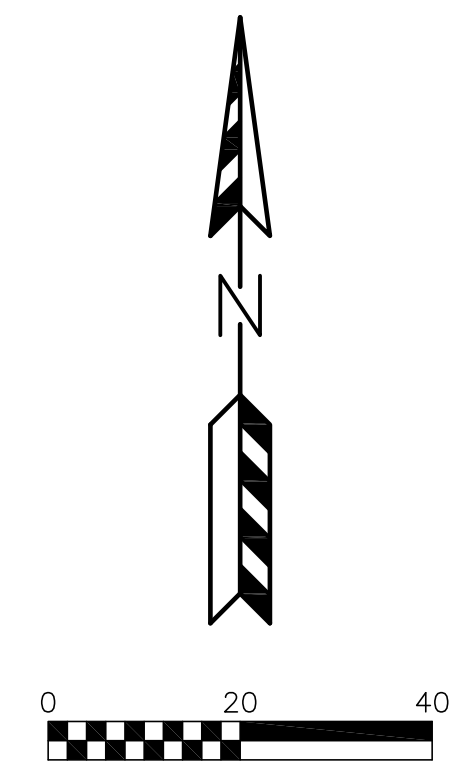
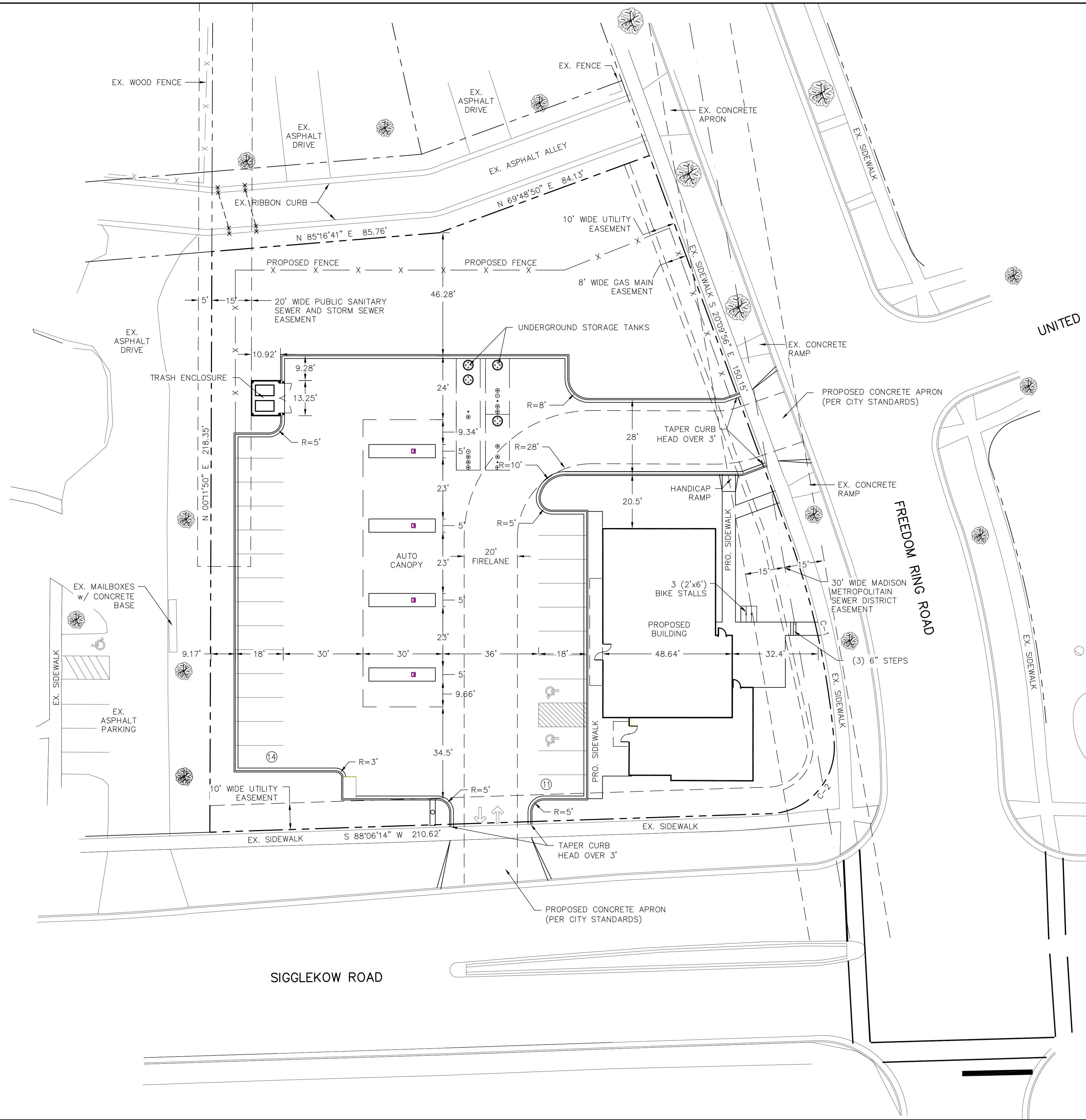
C-#	BEARING	RADIUS	ARC	DELTA
C-1	S 12°34'38" E 81.32'	305.00	81.56'	15°19'18"
C-2	S 41°38'16" W 36.34'	25.00'	40.68'	93°13'41"



- LEGEND:**
- 873 --- EXISTING MINOR CONTOUR
 - 875 --- EXISTING MAJOR CONTOUR
 - WAT --- EXISTING WATER MAIN
 - SAN --- EXISTING SANITARY SEWER
 - ST --- EXISTING STORM SEWER
 - W --- EXISTING WATER VALVE
 - TV --- EXISTING UTILITY PEDESTAL
 - T --- EXISTING DECIDUOUS TREE

4814 FREEDOM RING - CITY OF MADISON
 EXISTING SITE PLAN
 PAGE 1 OF 4
 DATED: MARCH 21, 2016

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 Residential and Commercial Site Design Consultants
 www.quamengineering.com
 4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752



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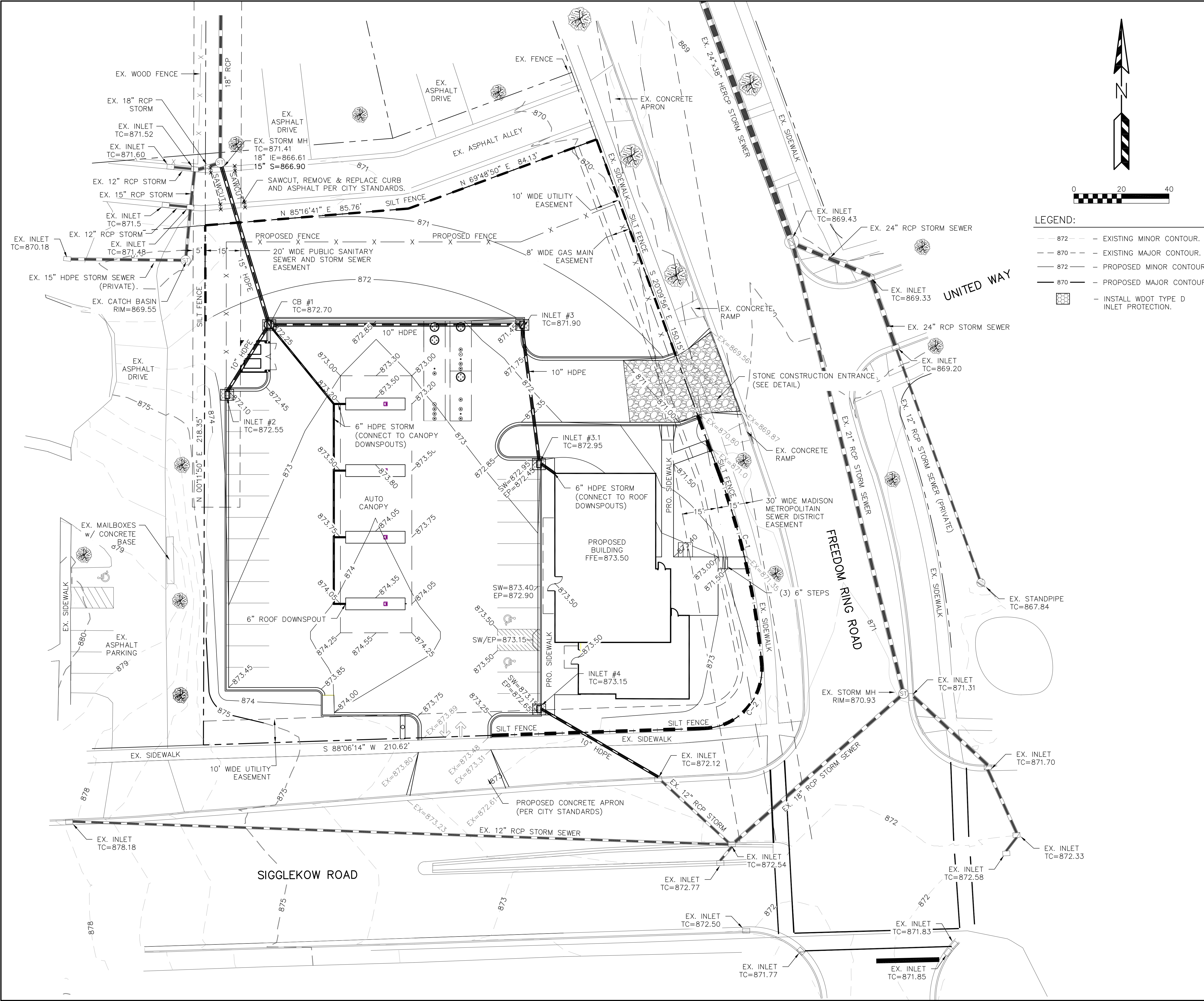
PARKING LOT PLAN SITE INFORMATION BLOCK

Site Address	4814 FREEDOM RING ROAD
Site acreage (total)	1.1 Acres
Number of building stories (above grade)	2
Building height	18'
DSPS type of construction (new structures or additions)	11B
Total square footage of building	4,430 S.F.
Total square footage of garage	N/A
Use of property	CONVENIENCE STORE
Gross square feet of office	N/A
Gross square feet of retail area	N/A
Number of employees in warehouse	N/A
Number of employees in production	N/A
Capacity of restaurant/place of assembly	N/A
Number of bicycle stalls shown	3
Number of Parking stalls:	
Small Car	0
Large Car	23
Accessible	2
Total	25
Number of trees shown	(See Landscape Plan)

4814 FREEDOM RING - CITY OF MADISON
 PROPOSED SITE PLAN
 PAGE 2 OF 4
 DATED: MARCH 21, 2016



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EROSION NOTES:
 THE STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION. THE TRACKING PAD IS TO BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACK OF MUD OR DRY SEDIMENT ONTO THE ADJACENT PUBLIC STREETS. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORKDAY.

EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.

CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1.
 EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

TIME SCHEDULE:

JUNE 13, 2016	INSTALL INITIAL EROSION CONTROL DEVICES.
JUNE 13, 2016-APRIL 1, 2017	CONSTRUCT BUILDING PARKING LOT AND UTILITIES.
APRIL 2, 2017-APRIL 15, 2017	COMPLETE FINAL LANDSCAPING INCLUDING BIO-RETENTION DEVICES AND RESTORE ALL PREVIOUSLY DISTURBED AREAS.

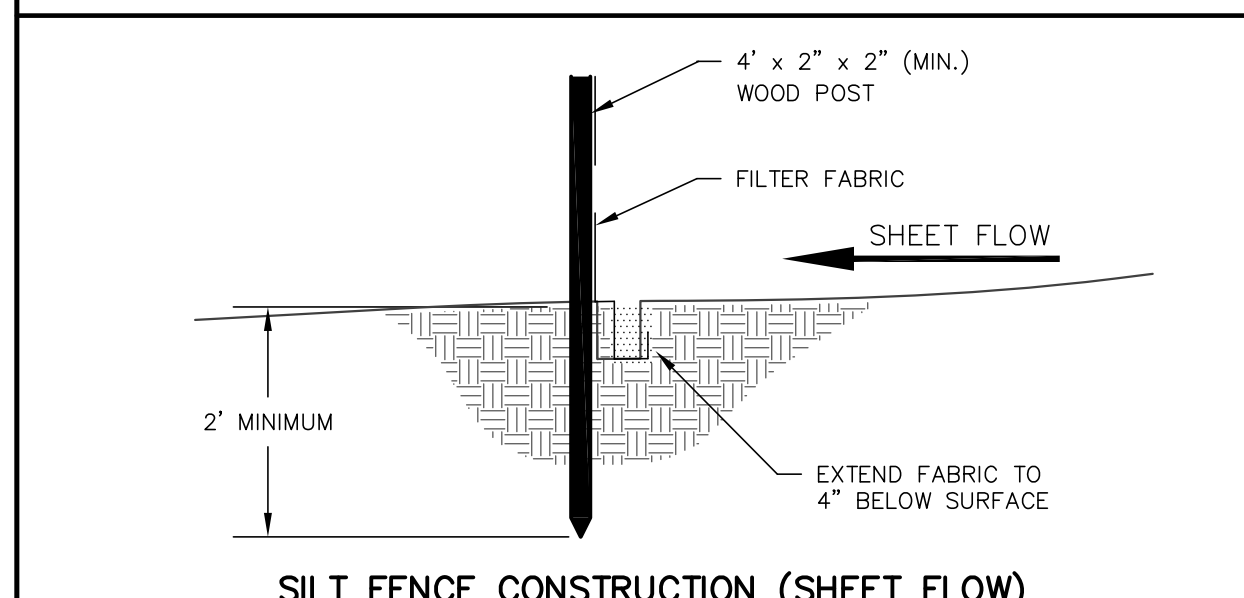
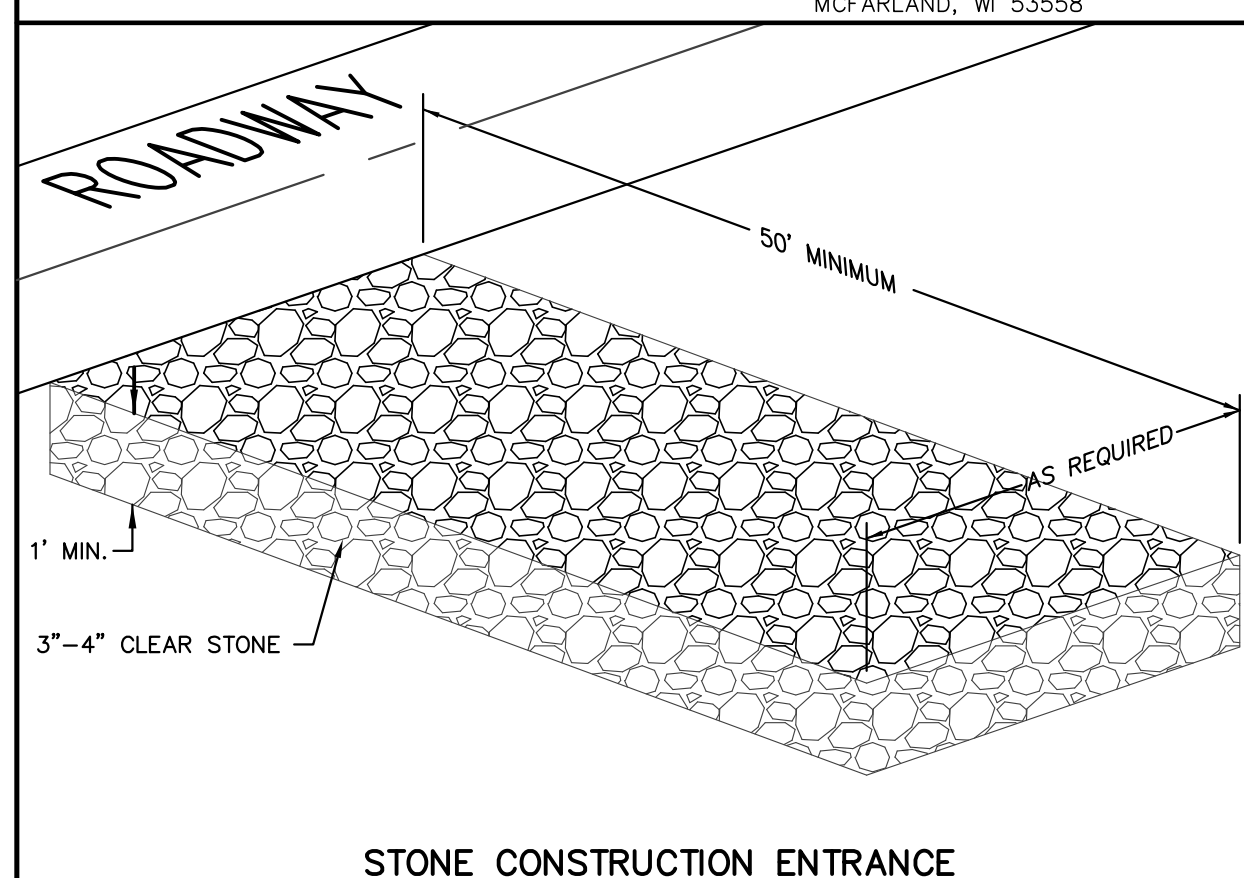
RESTORATION NOTES:
 ALL PVIOUSLY DISTURBED AREAS SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, SEED AND MULCH. ALL PVIOUSLY DISTURBED AREAS SHALL RECEIVE FERTILIZER EXCEPT NATIVE PLANTING AREAS. RESTORATION WILL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. WET DETENTION NATIVE SEED MIXTURES SHALL BE USED FOR THE BOTTOM OF THE DETENTION POND. SEED MIXTURE 40 SHALL BE USED ON ALL OTHER DISTURBED AREAS. MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS. AN EQUAL AMOUNT OF ANNUAL RYEGRASS SHALL BE ADDED TO THE MIX.
 SEED MIXTURES SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. MULCH SHALL CONSIST OF HAY OR STRAW APPLIED AT THE RATE OF 2 TONS PER ACRE.
 FERTILIZER SHALL MEET THE MINIMUM REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%.

OWNER:
 DILBAR TUHUE, LLC
 2644 GRANITE RD
 FITCHBURG, WI 53711

ENGINEER:
 QUAM ENGINEERING, LLC
 ATTN: RYAN QUAM
 4604 SIGGELKOW ROAD, SUITE A
 MCFARLAND, WI 53558

LEGEND:

- 872 --- EXISTING MINOR CONTOUR.
- 870 --- EXISTING MAJOR CONTOUR.
- - - 872 - - - PROPOSED MINOR CONTOUR.
- 870 --- PROPOSED MAJOR CONTOUR.
- [Symbol] - INSTALL WDOT TYPE D INLET PROTECTION.



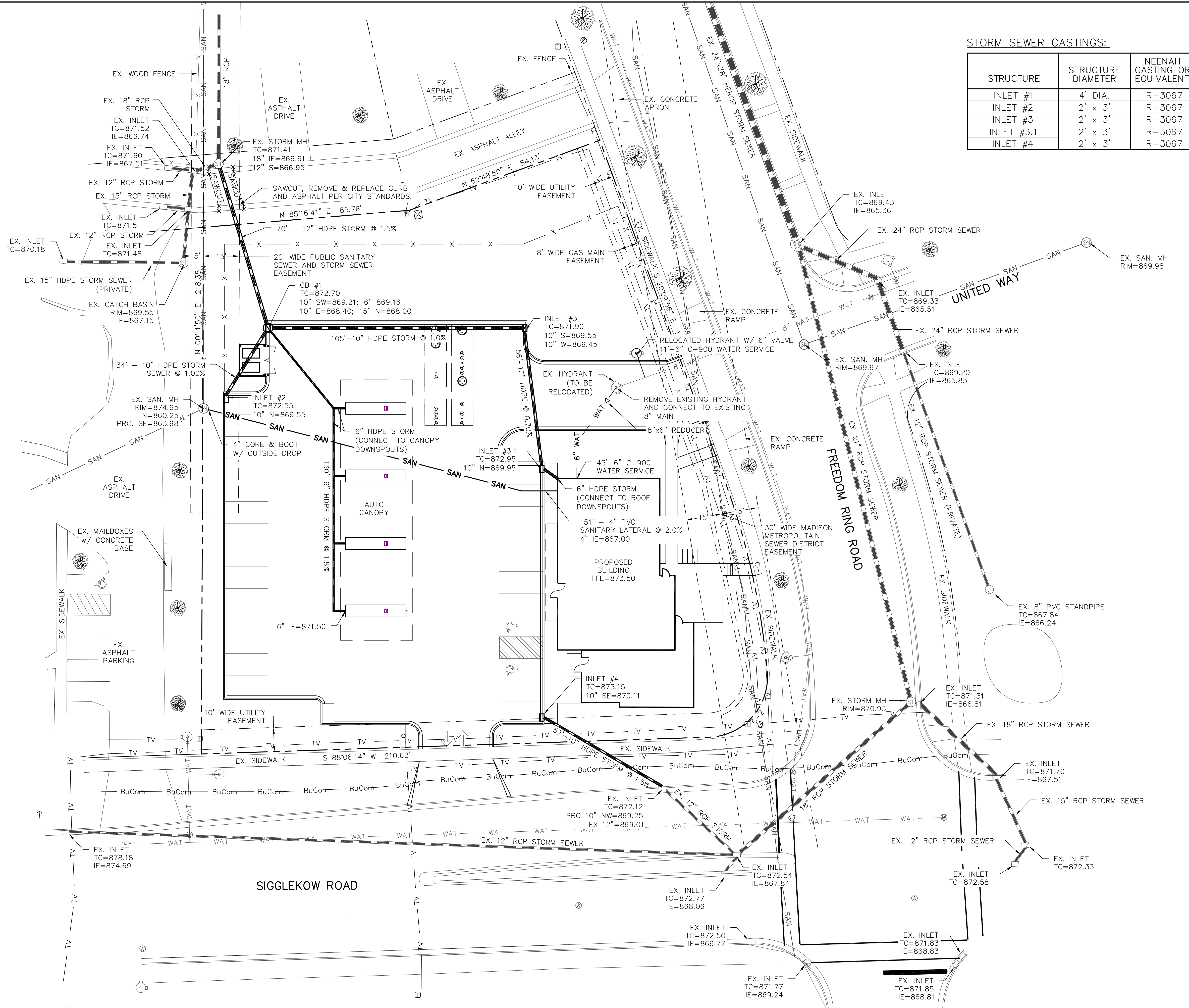
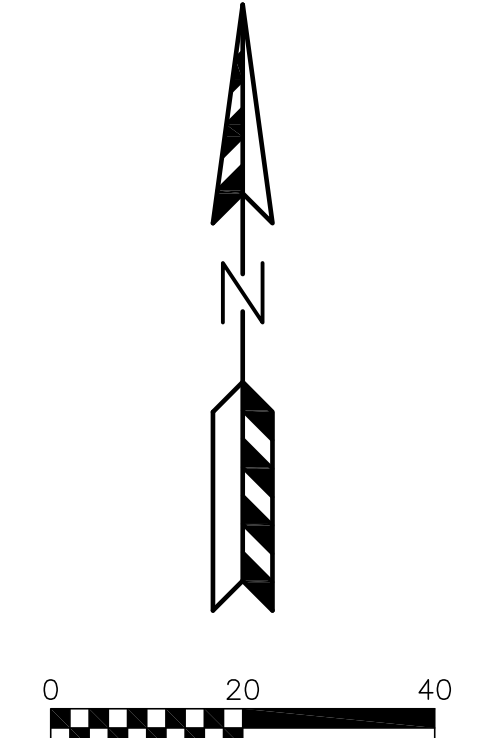
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE
 TDD(FOR THE HEARING IMPAIRED)(800)542-2289
 WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

4814 FREEDOM RING - CITY OF MADISON
 GROUND AND EROSION CONTROL PLAN
 PAGE: 3 OF 4
 DATED: MARCH 21, 2016

QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants
 www.quamengineering.com
 4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752

STORM SEWER CASTINGS:

STRUCTURE	STRUCTURE DIAMETER	NEENAH CASTING OR EQUIVALENT
INLET #1	4' DIA.	R-3067
INLET #2	2' x 3'	R-3067
INLET #3	2' x 3'	R-3067
INLET #3.1	2' x 3'	R-3067
INLET #4	2' x 3'	R-3067



GENERAL NOTES:

ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A PRE-APPROVED CONTRACTOR AUTHORIZED TO WORK IN THE RIGHT-OF-WAY.

THE CONTRACTOR SHALL OBTAIN A CONNECTION PERMIT AND EXCAVATION PERMIT PRIOR TO COMMENCING THE STORM SEWER CONSTRUCTION.

ANY DAMAGE TO THE PAVEMENT ON SIGGELKOW ROAD OR FREEDOM RING ROAD ADJACENT TO THE DEVELOPMENT WHICH IS DAMAGED BY THE CONSTRUCTION, SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.

CONTRACTOR SHALL FIELD VERIFY EXISTING SANITARY CONNECTION AND WATER MAIN CONNECTION INVERTS PRIOR TO BUILDING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER.

UTILITY NOTES:

ALL SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE CITY OF MADISON AND WISCONSIN DSPS STANDARDS.

THE LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM THE PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.

ALL WATER MAIN SHALL BE BURIED TO A DEPTH OF 6.5 FEET. THE DEPTH IS DEFINED AS THE DISTANCE BETWEEN THE FINISHED GRADE ELEVATION AND THE TOP OF WATER MAIN OR SERVICE.

THE DISTANCE FROM MANHOLE TO CLEANOUT LOCATED UPSTREAM IS NOT MORE THAN 300' PER SPS 382.35

MAINTAIN AN 8 FOOT MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN PUBLIC SANITARY SEWER, WATER MAIN AND STORM SEWER. PROVIDE 18" MINIMUM VERTICAL SEPARATION WHERE SEWER CROSSES OVER WATER MAIN AND PROVIDE 6" MINIMUM VERTICAL SEPARATION WHERE WATER MAIN CROSSES OVER SEWER.

ANY UTILITIES WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.

ALL UNDERGROUND EXTERIOR NON-METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORDANCE WITH 182.0715(2r) OF STATE STATUTES.

ALL EXISTING PUBLIC VALVES AND HYDRANTS WILL ONLY BE OPERATED BY THE CITY OF MADISON UTILITY DEPARTMENT PERSONNEL.

BUILDING LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AND STATE PLUMBING CODES. SITE UTILITY CONTRACTOR SHALL STUB LATERAL TO 5 FEET OUTSIDE BUILDING. SEE INTERIOR PLUMBING PLANS FOR CONTINUATION OF PIPING INTO BUILDING BY BUILDING PLUMBING CONTRACTOR IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION WISCONSIN, LATEST EDITION.

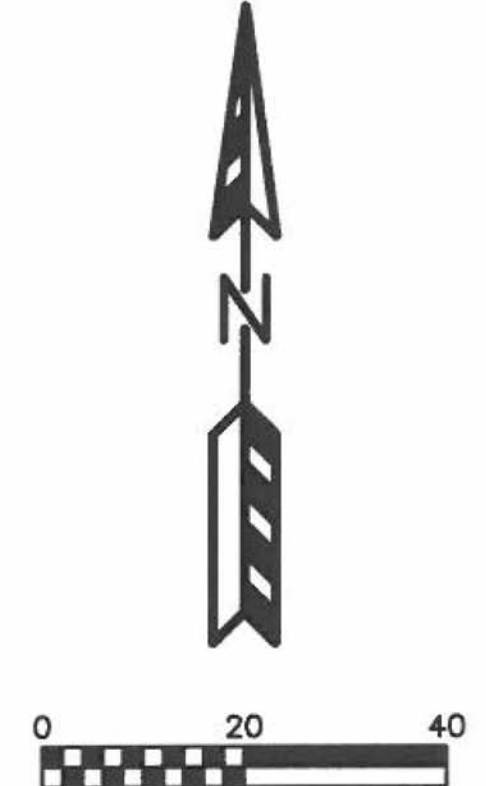
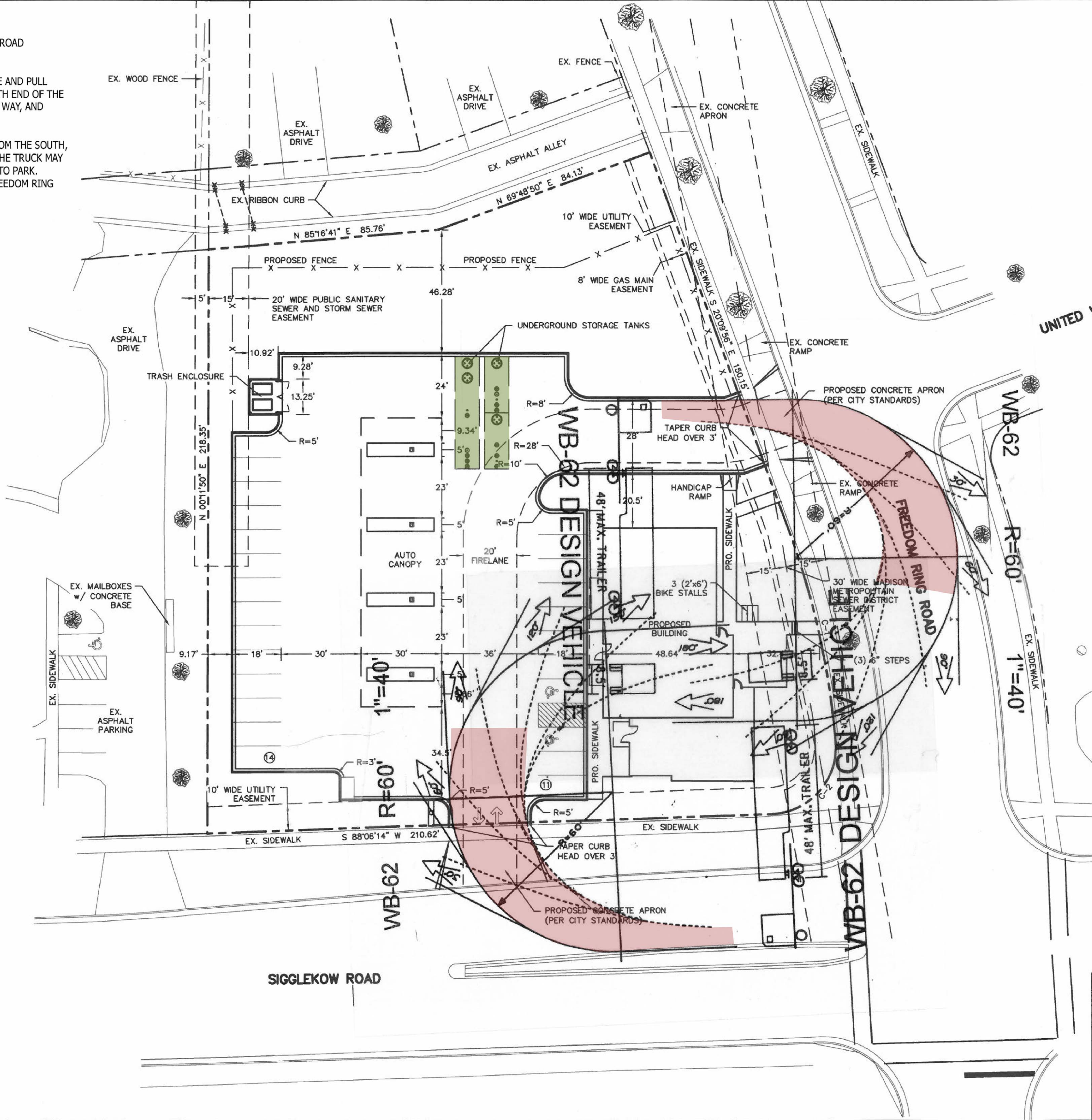
GENERAL CONTRACTOR SHALL COORDINATE WITH LOCAL GAS TELEPHONE, AND ELECTRICAL UTILITIES FOR EXACT LOCATION SIZE AND DEPTH OF NEW SERVICE.

SANITARY SEWER SHALL BE PVC ASTM D3034, SDR 35 UNLESS INDICATED OTHERWISE.

WATER MAIN SHALL BE AWWA C900 CLASS 150, DR-18 PVC UNLESS INDICATED OTHERWISE.

TRUCK MOVEMENT:
 TRUCKS MAY APPROACH THE SITE FROM FREEDOM RING ROAD OR TRAVELING WEST ON SIGGELKOW ROAD.

1. FROM FREEDOM RING ROAD: TRUCKS ENTER THE SITE AND PULL PAST THE UNDERGROUND TANKS, PARKING ON THE NORTH END OF THE SITE. TRUCKS WOULD THEN BACK UP TOWARDS UNITY WAY, AND LEAVE PULL OUT OF THE SITE ONTO SIGGELKOW ROAD.
2. FROM WEST SIGGELKOW: TRUCKS ENTER THE SITE FROM THE SOUTH, AND TURN RIGHT TOWARDS UNITY WAY. FROM HERE THE TRUCK MAY BACK UP TOWARD THE UNDERGROUND STORAGE TANKS TO PARK. TRUCKS WOULD THEN PULL FORWARD TO EXIT ONTO FREEDOM RING ROAD.



CURVE TABLE:

C-#	BEARING	RADIUS	ARC	DELTA
C-1	S 12°34'38" E 81.32'	305.00'	81.56'	15°19'18"
C-2	S 41°38'16" W 36.34'	25.00'	40.68'	93°13'41"

PARKING LOT PLAN SITE INFORMATION BLOCK

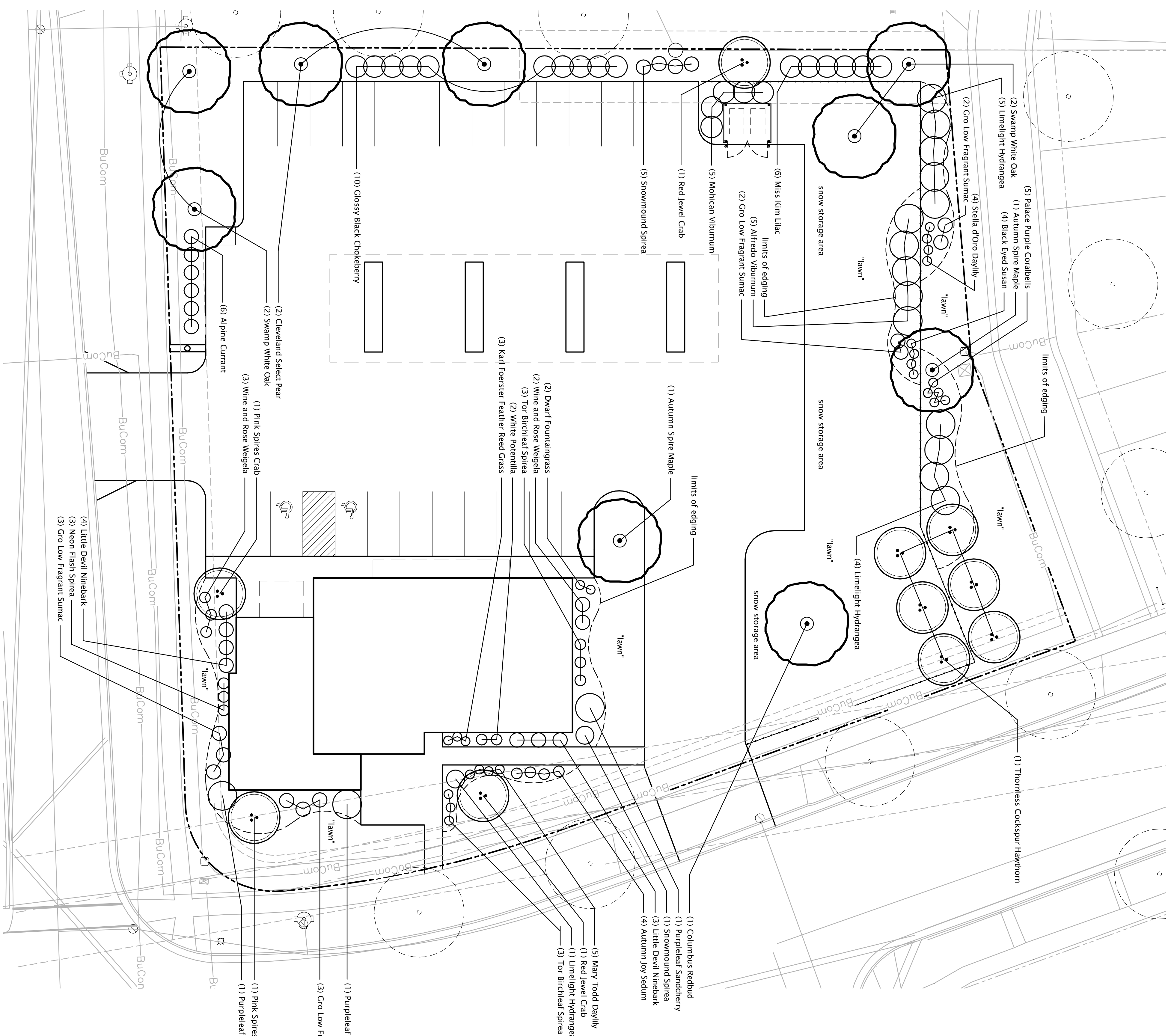
Site Address 4814 FREEDOM RING ROAD
 Site acreage (total) 1.1 Acres
 Number of building stories (above grade) 2
 Building height 18'
 DPS type of construction (new structures or additions) 11B
 Total square footage of building 4,430 S.F.
 Total square footage of garage N/A
 Use of property CONVENIENCE STORE
 Gross square feet of office N/A
 Gross square feet of retail area N/A
 Number of employees in warehouse N/A
 Number of employees in production N/A
 Capacity of restaurant/place of assembly N/A
 Number of bicycle stalls shown 3
 Number of Parking stalls:

	SHOWN
Small Car	0
Large Car	23
Accessible	2
Total	25

Number of trees shown: (See Landscape Plan)

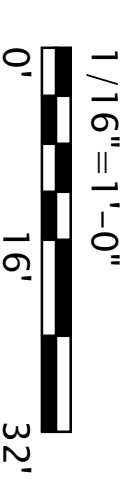
4814 FREEDOM RING - CITY OF MADISON
 PROPOSED SITE PLAN
 PAGE 2 OF 4
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1

LANDSCAPE PLAN



NOTES:

1. Individual tree and shrub groupings found within lawn areas are to receive wood mulch rings and/or wood mulch beds consisting of a mixture of recycled brown dyed wood mulch spread to a 3" min. depth over a pre-emergent herbicide.
2. "Edging" to be professional grade polyethylene lawn edging available in 20' flat strips. Basis of Design: Valley View Black Diamond. Valley View Industries. (www.valleyviewind.com/professional/)
3. "Lawn" areas shall be finish graded and seeded at a rate of 4 lbs. per 1,000 sq. ft. Basis of Design: Madison Park Lawn Seed Mix, EarthCarpet Corporation. (www.earthcarpet.com/)
4. Slope areas of 3:1 or greater and concentrated overland drainage channels shall be seeded with lawn seed mixture and overlaid with a single net, photo biodegradable straw blanket that is pegged with metal staples or biodegradable stakes. Basis of Design: Teasar DS75. North American Green. (www.natgreen.com/)
5. Unless otherwise indicated, plant beds to receive locally available, clean washed 1 1/2" - 2 1/2" durable landscape stone spread to a 3" min. depth over a commercial grade weed barrier fabric.
6. Perennials in mass bed plantings to be planted in staggered rows.
7. Contractor is responsible for repairing any and all damage to the adjacent properties. Planted areas shall be replanted; damaged lawn areas shall be repaired with sod and adjacent curbs and pavement shall be re-paved.
8. Maintenance, watering and warranty of plants to extend for 12 months after project completion/acceptance. Maintenance, watering and warranty period for seed to extend 60 days from project completion/acceptance of installation.

Landscape Calculations and Distribution:

- (A) One (1) landscape unit for each (300) sq ft developed area
Total sq ft of developed area = 24,500 sq ft
Developed area divided by (300) = 82 Landscape Units
- (B) Within (I) and (C) districts, one (1) landscape unit for each (600) sq ft developed area
Total sq ft of developed area = NA
Developed area divided by (600) = NA Landscape Units

Development Frontage Landscaping:

- Provide (1) overstory deciduous tree and five (5) shrubs per (50) lf of frontage
Existing Lot Frontage = 652 lf
Less 232 lf proposed fence = 420 lf frontage
(14) trees required
(70) shrubs required

DECIDUOUS and EVERGREEN TREES

- Autumn Spire Maple (50' x 20'w)
- Red Jewel Crab (15'1 x 12'w)
- Pink Spire Crab (15'1 x 12'w)
- Cleveland Select Pear (30' x 20'w)
- Thornless Cockspur Hawthorn
- Swamp White Oak
- Columbus Strain Redbud (15'1 x 15'w)

SHRUBS

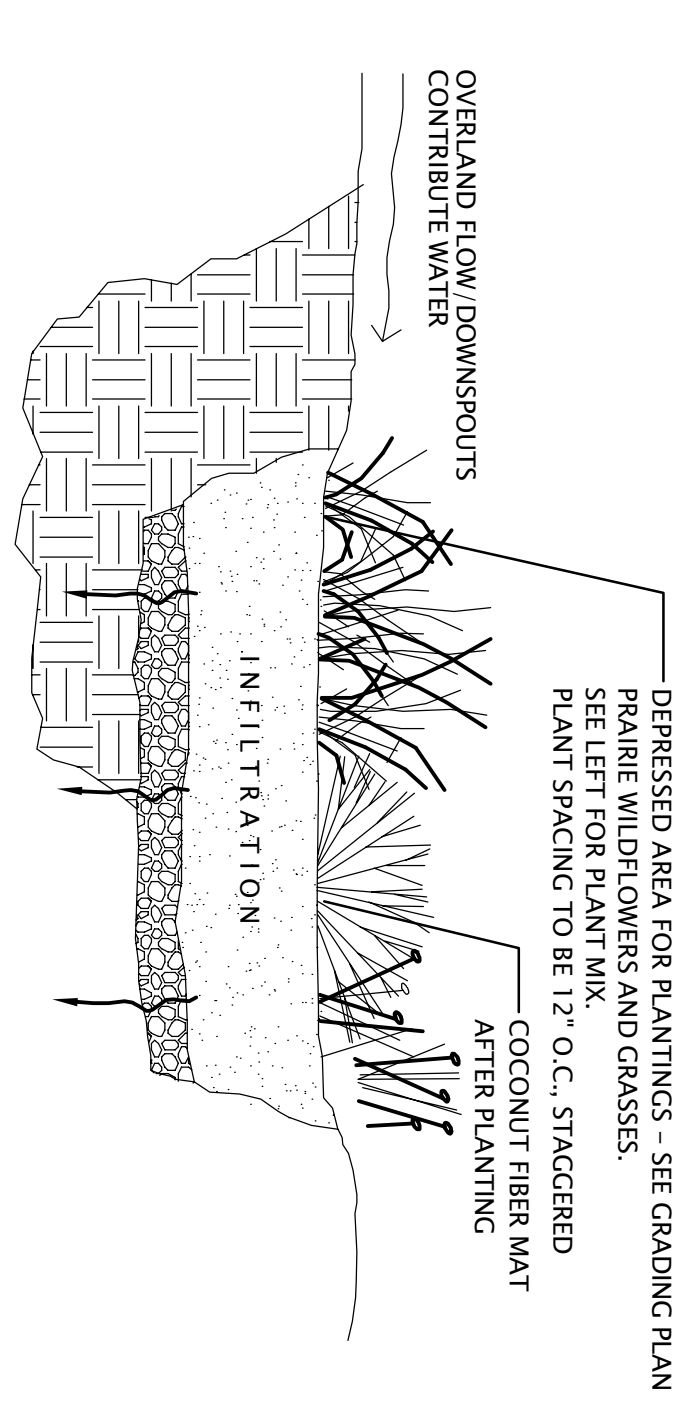
- Glossy Black Chokeberry (4'1 x 4'w)
- Gro Low Fragrant Sumac (2'1 x 6'w)
- Neon Fish Spirea (3'1 x 3'w)
- Little Devil Ninebark (4'1 x 4'w)
- Wire and Rose Weigela (4'1 x 4'w)
- Tor Birchleaf Spirea (2'1 x 2'w)
- Snowmound Spirea (4'1 x 4'w)
- Little Devil Ninebark (4'1 x 4'w)
- Mohican Viburnum (6'1 x 6'w)
- Miss Kim Lilac (5'1 x 5'w)
- Purple Leaf Sandcherry (8'1 x 8'w)
- Alfred Viburnum (5'1 x 5'w)
- Alpine Currant (4'1 x 4'1)
- Palace Purple Coralbells (18'1 x 18'w)

PERENNIALS

- Autumn Joy Sedum (18" x 24" w)
- Forster Feather Reed Grass (3' w)
- Butterfly Weed, Blue False Indigo, White False Indigo
- Purple Coneflower, Blue Flag Iris, Cardinal Flower
- Mary's Todd Daylily (24" x 24" w)
- Stella D'Oro Daylily (24" x 24" w)
- Black Eyed Susan (24" x 24" w)
- Palace Purple Coralbells (18" x 18" w)

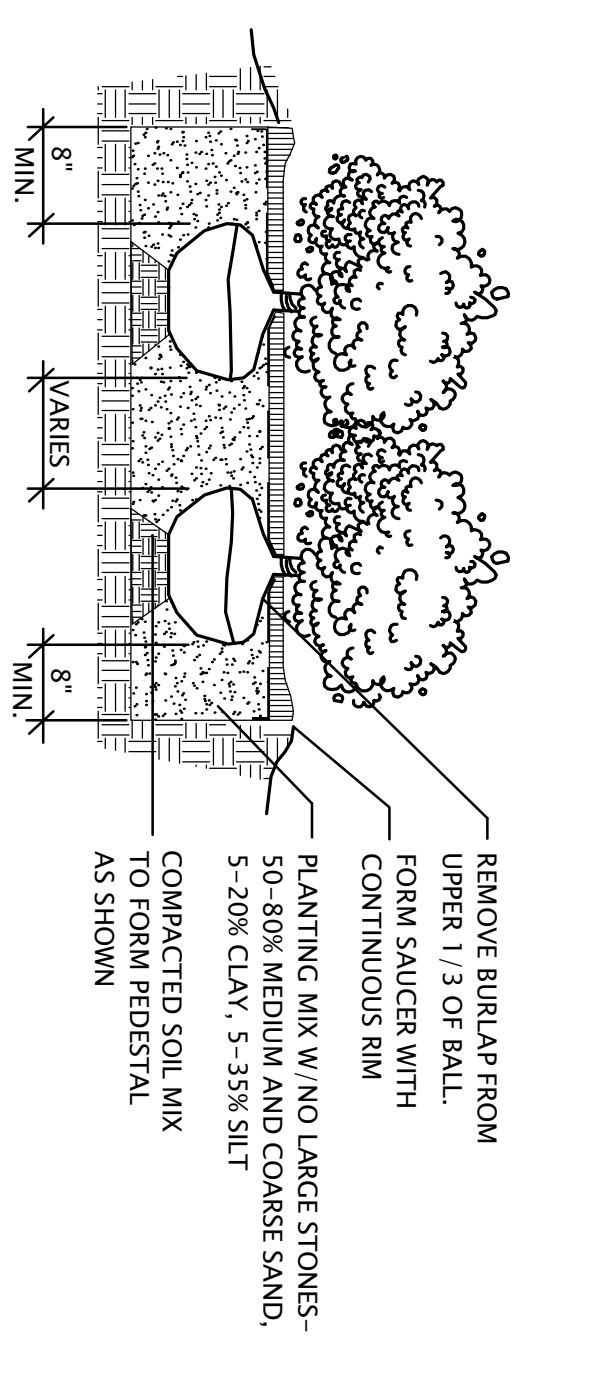
PLANTS: EQUAL MIX 2 1/2" PLUGS, RANDOM PLANT.

- Butterfly Weed, Blue False Indigo, White False Indigo
- Purple Coneflower, Blue Flag Iris, Cardinal Flower
- Mary's Todd Daylily (24" x 24" w)
- Stella D'Oro Daylily (24" x 24" w)
- Black Eyed Susan (24" x 24" w)
- Palace Purple Coralbells (18" x 18" w)



2

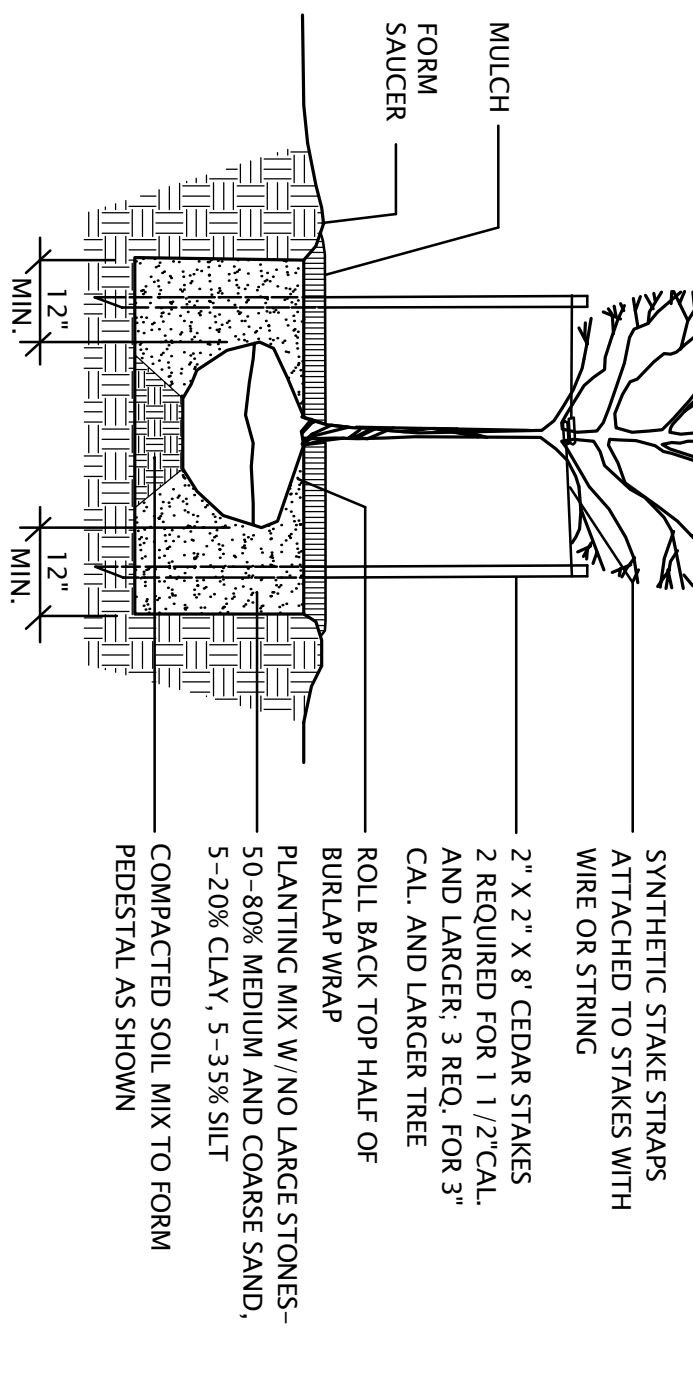
BIOINFILTRATION DETAIL



3

SHRUB PLANTING

Note: stake trees on an as needed basis and occasionally check for necessary adjustments or removal.



4

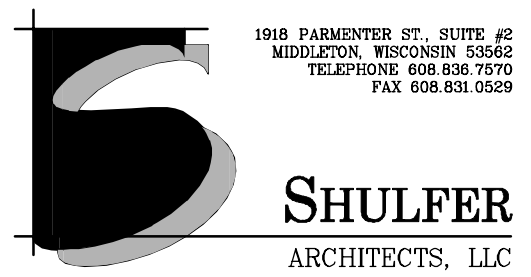
TREE PLANTING

03/18/16
OWNER'S REVIEW

LANDSCAPE PLAN

NEW GAS STATION

4814 FREEDOM RING RD.
MADISON, WI



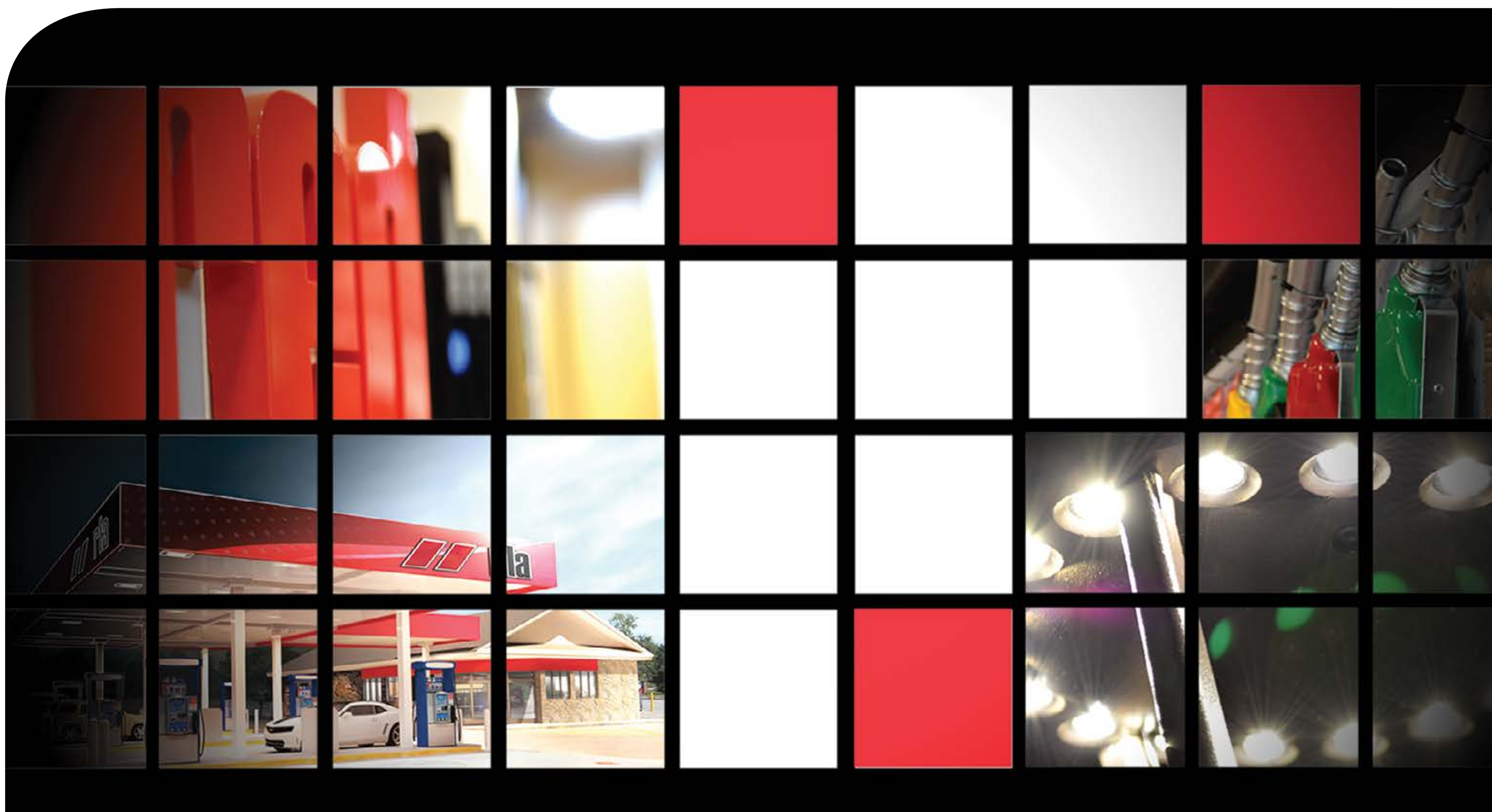
1918 PARMENTER ST., SUITE #2
MADISON, WI 53706
TELEPHONE 608.836.7970
FAX 608.836.0509

L1.0



DILBAR

RL-3613-S1-R1
 3/21/16



- 1. Exterior Photometric Application
- 2. Fixture Detail
- 3-5. Fixture Specification

EXTERIOR
 LIGHTING LAYOUT



NOTE:
AREA LIGHTS ON 15 FT. POLES MOUNTED ON 2 FT. CONCRETE BASES

LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.
1	A3B	17
2	A4B	17
3	A4B	17
4	A4B	17
5	A4B	17
6	A4B	17
7	C2	15
8	C2	15
9	C2	15
10	C2	15
11	C2	15
12	C2	15
13	C2	15
14	C2	15
15	C2	15
16	C2	15
17	C2	15
18	C2	15
19	C2	15
20	C2	15
21	C2	15
22	C2	15
23	S	10
24	S	10
25	S	10
26	S	10
27	S	10
28	S	10
29	W3	12
30	W3	12
31	W4	12
32	W4	12

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES (UON)					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PAVED AREA	5.31	22.0	1.0	5.31	22.00
PROPERTY LINE (4' ABOVE GRADE)	0.20	2.5	0.0	N.A.	N.A.
UNDEFINED	0.58	6.4	0.0	N.A.	N.A.
UNDER CANOPY	36.88	50	21	1.76	2.38

LUMINAIRE SCHEDULE									
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	ARR. WATTS	TOTAL WATTS	MANUFACTURER	DESCRIPTION
	1	A3B	SINGLE	7896	1.040	134	134	CREE, INC.	ARE-EDG-3MB-XX-06-E-UL-XX-700-57K
	5	A4B	SINGLE	8481	1.040	134	670	CREE, INC.	ARE-EDG-4MB-XX-06-E-UL-XX-700-57K
	16	C2	SINGLE	10912	1.040	101	1616	CREE, INC.	CAN-304-SL-RS-06-E-UL-XX-525-57K
	6	S	SINGLE	3902	1.040	34	204	CREE, INC.	SFT-228-PS-RM-06-E-UL-XX-350
	2	W3	SINGLE	5893	1.040	68	136	CREE, INC.	SEC-EDG-3M-WM-04-E-UL-XX-525-57K
	2	W4	SINGLE	9218	1.040	100	200	BETALED, A DIVISION OF RUUD LIGHTING	SEC-EDG-4M-WM-06-E-UL-XX-525-57K

REV.	BY	DATE	DESCRIPTION
R1	FNE	3/18/16	REVISED PER CUSTOMERS REQUEST.

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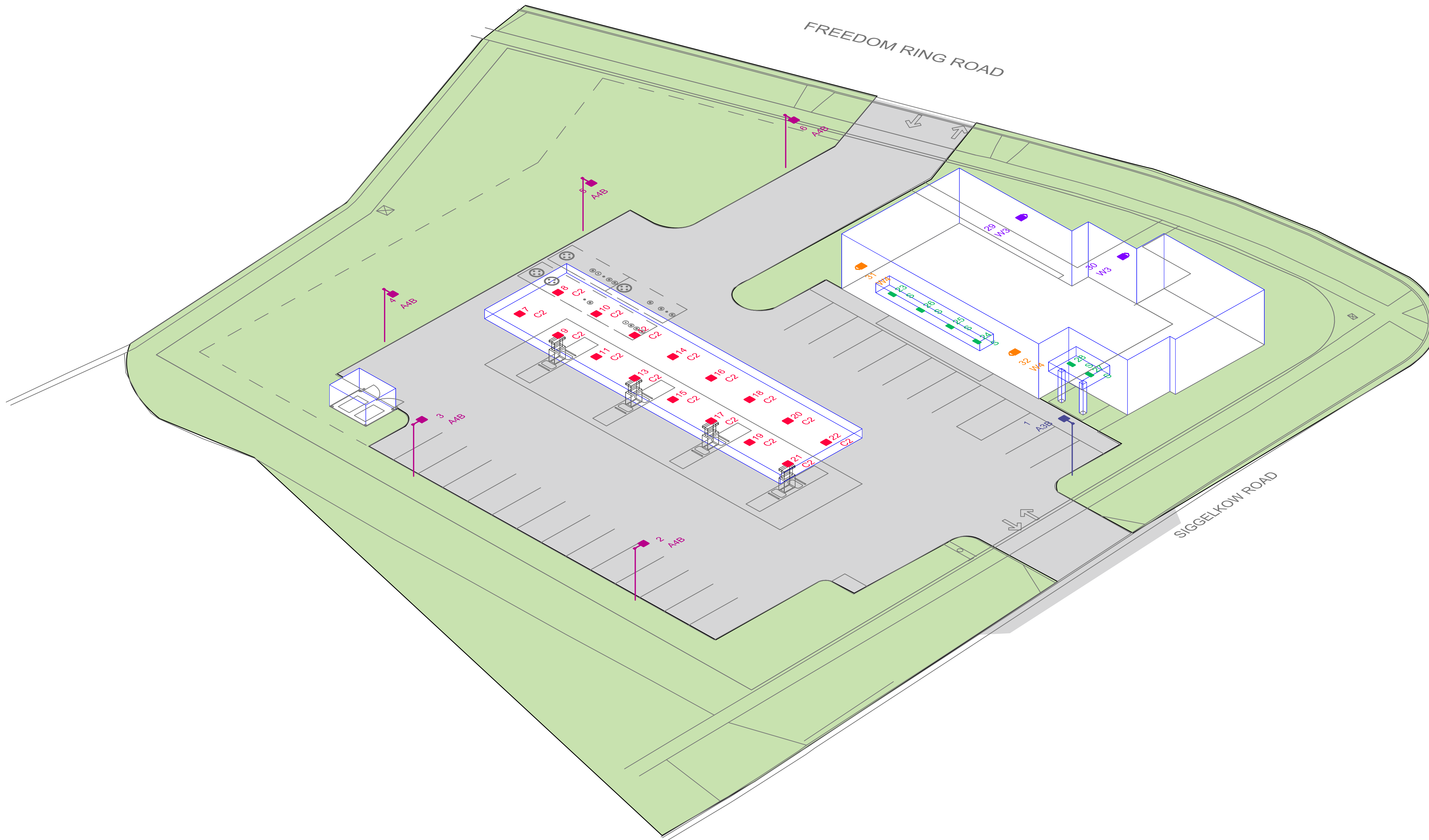
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LAYOUT BY: FNE
DWG SIZE: D
DATE: 3/16/16

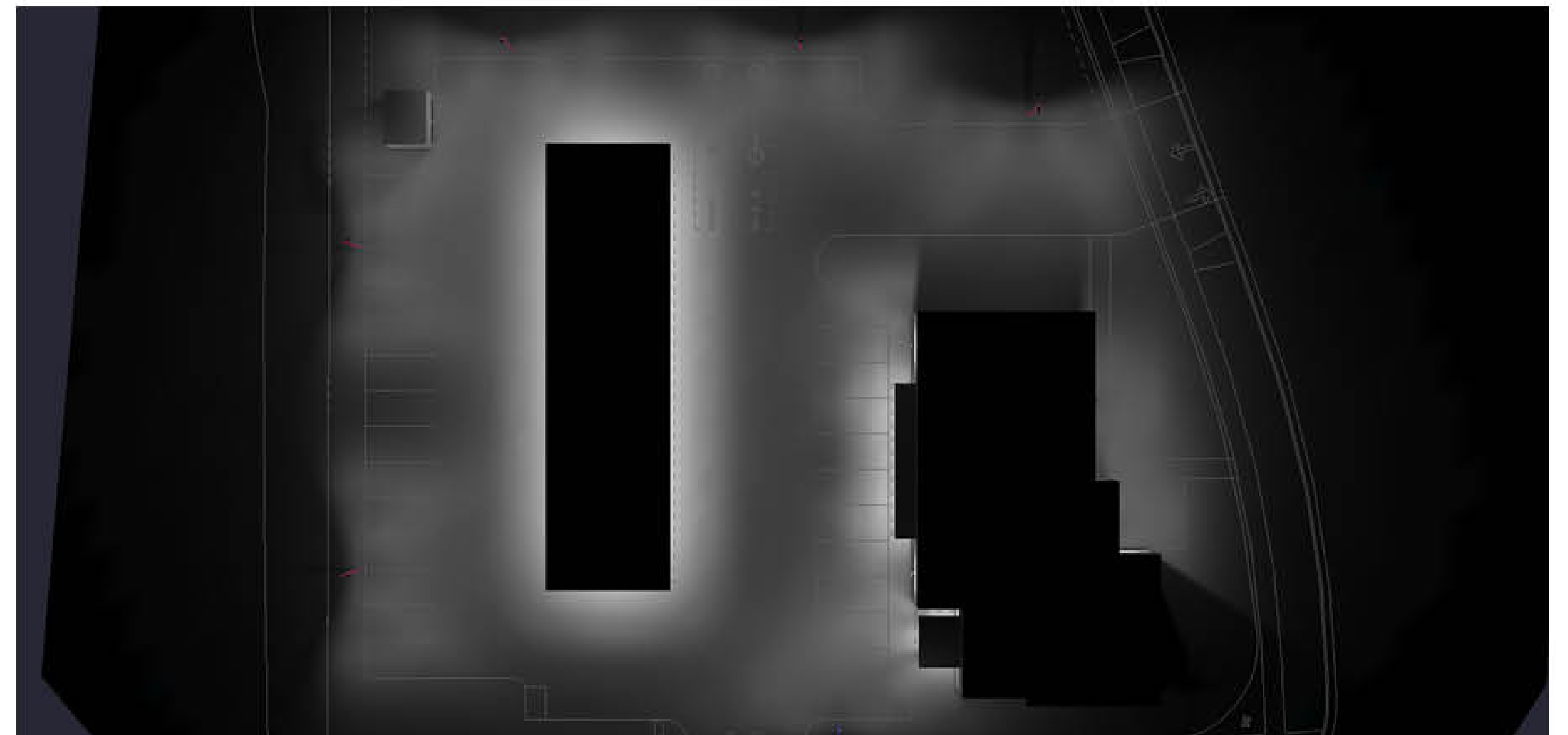
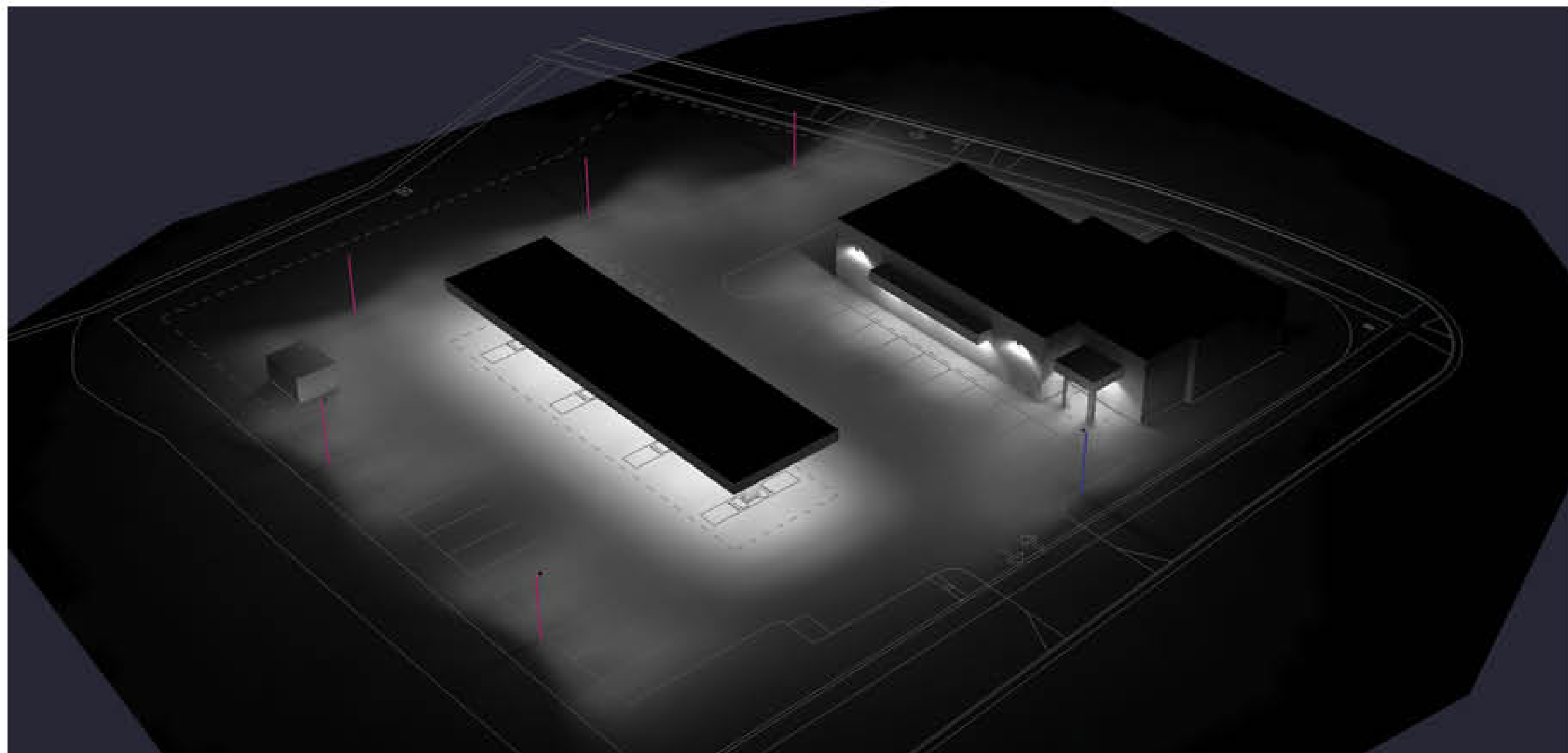
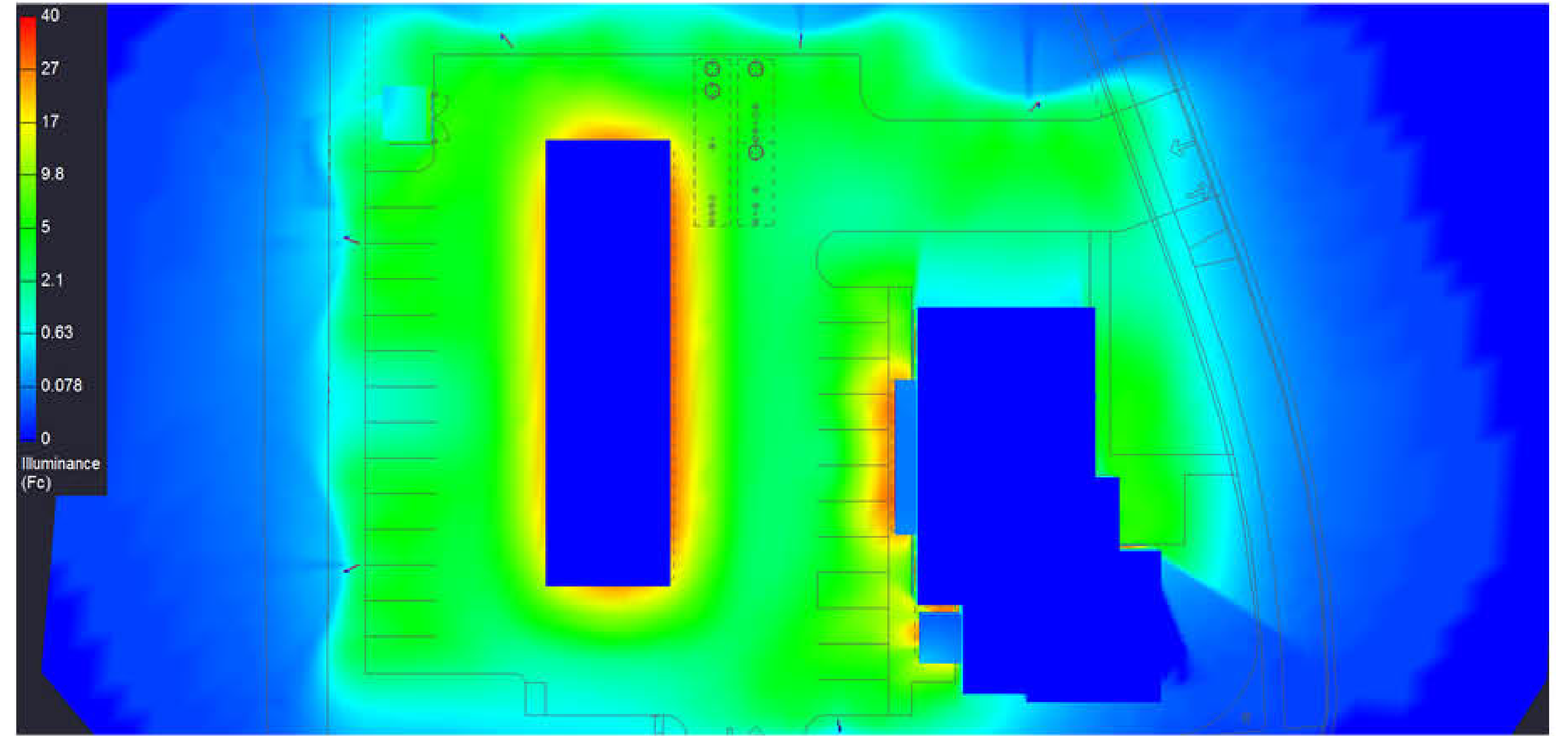
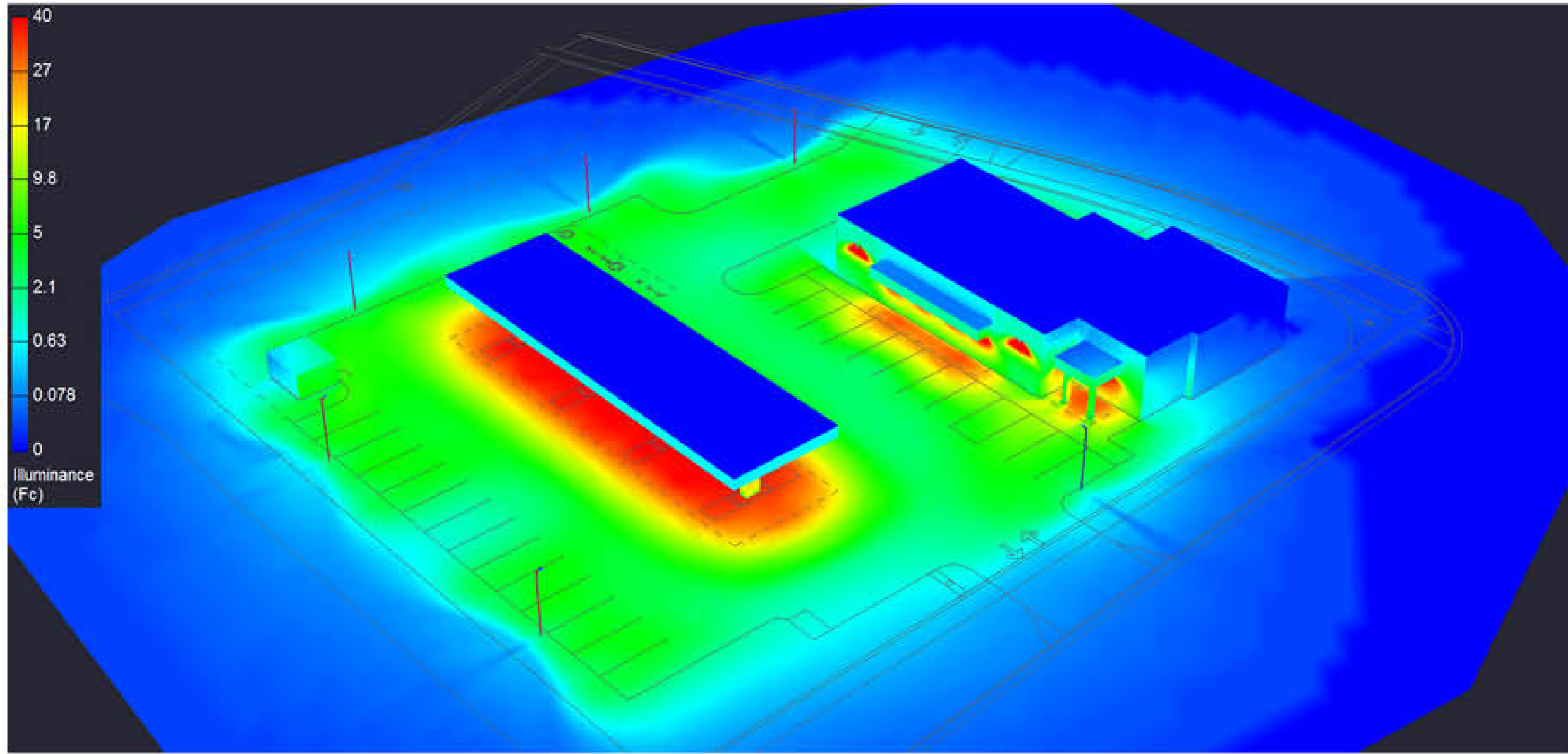
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RL-3613-S1-R1

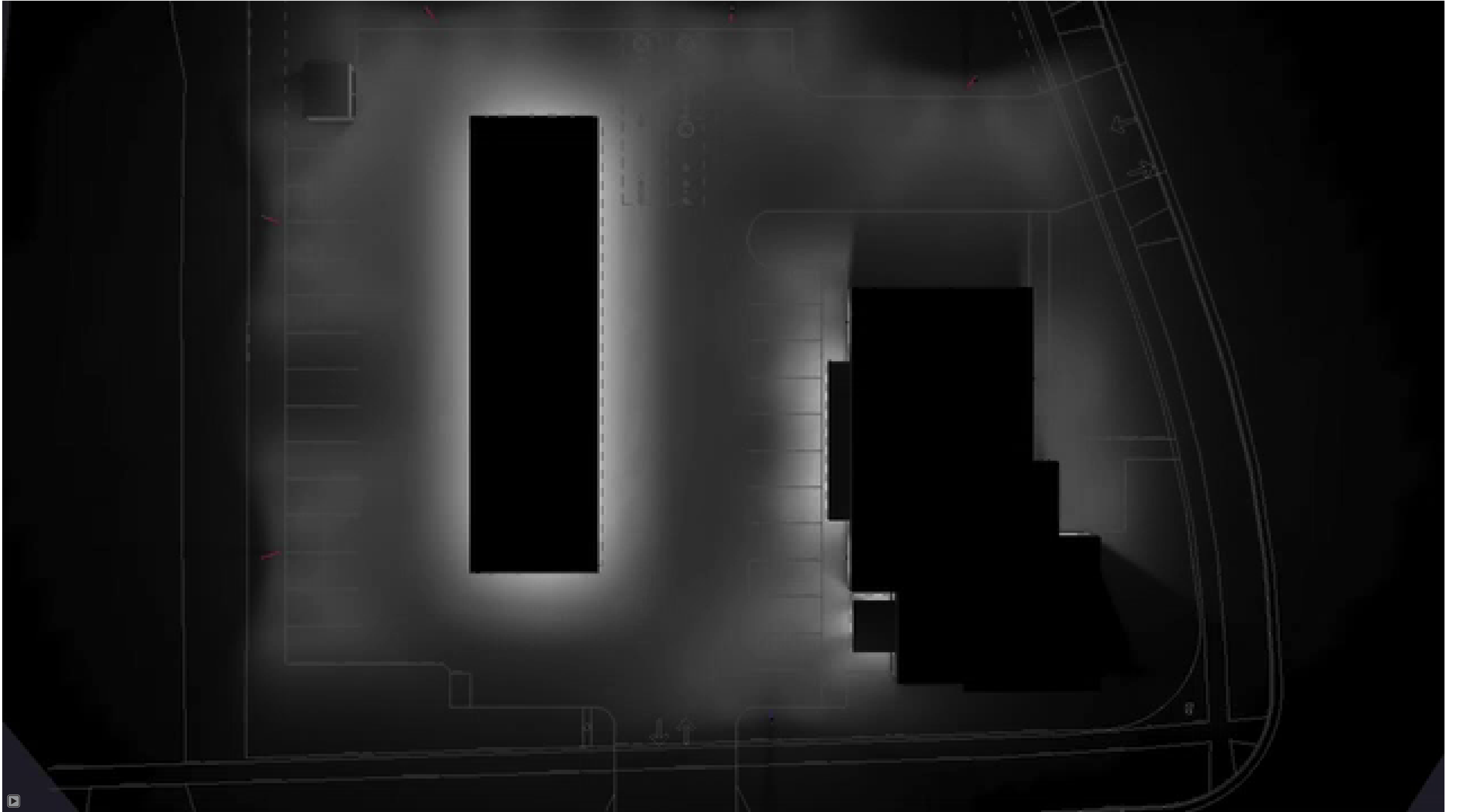


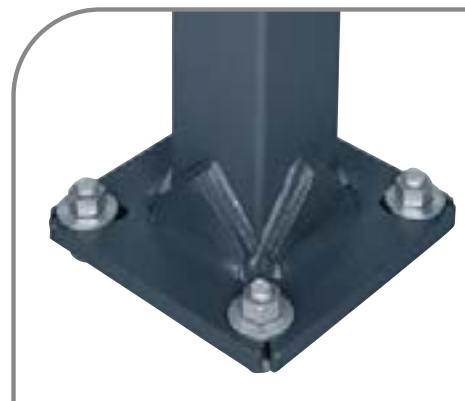


SCAN CODE
FOR EXTERIOR OPTIONS



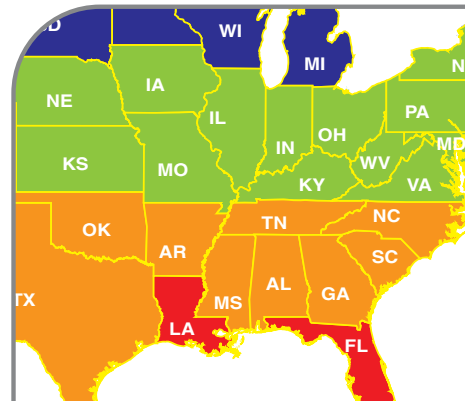






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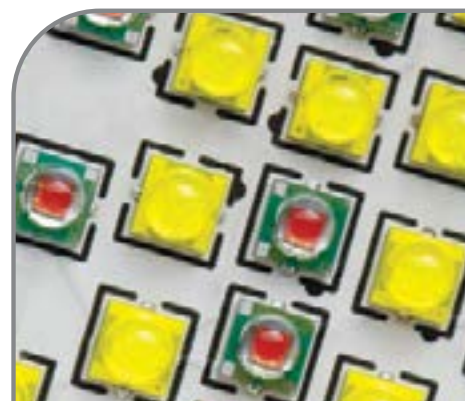
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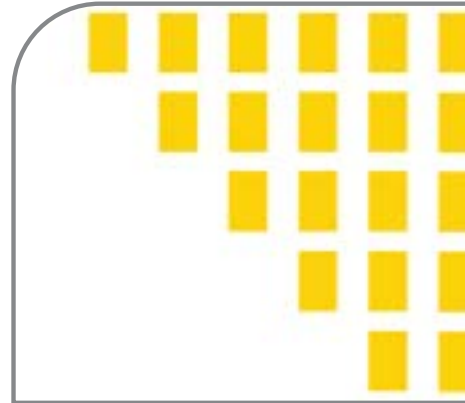
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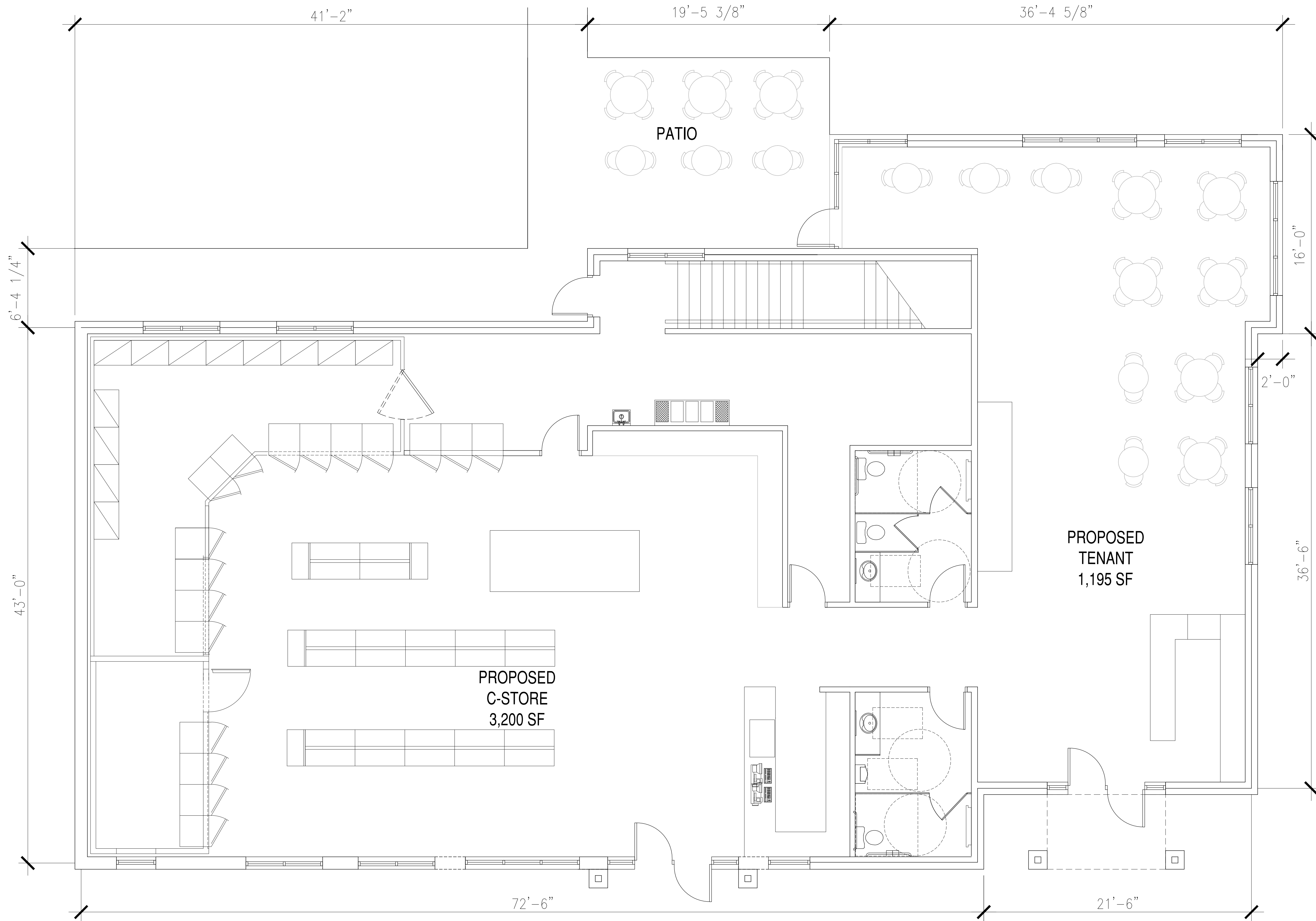
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1 FLOOR PLAN
1/4"=1'-0"



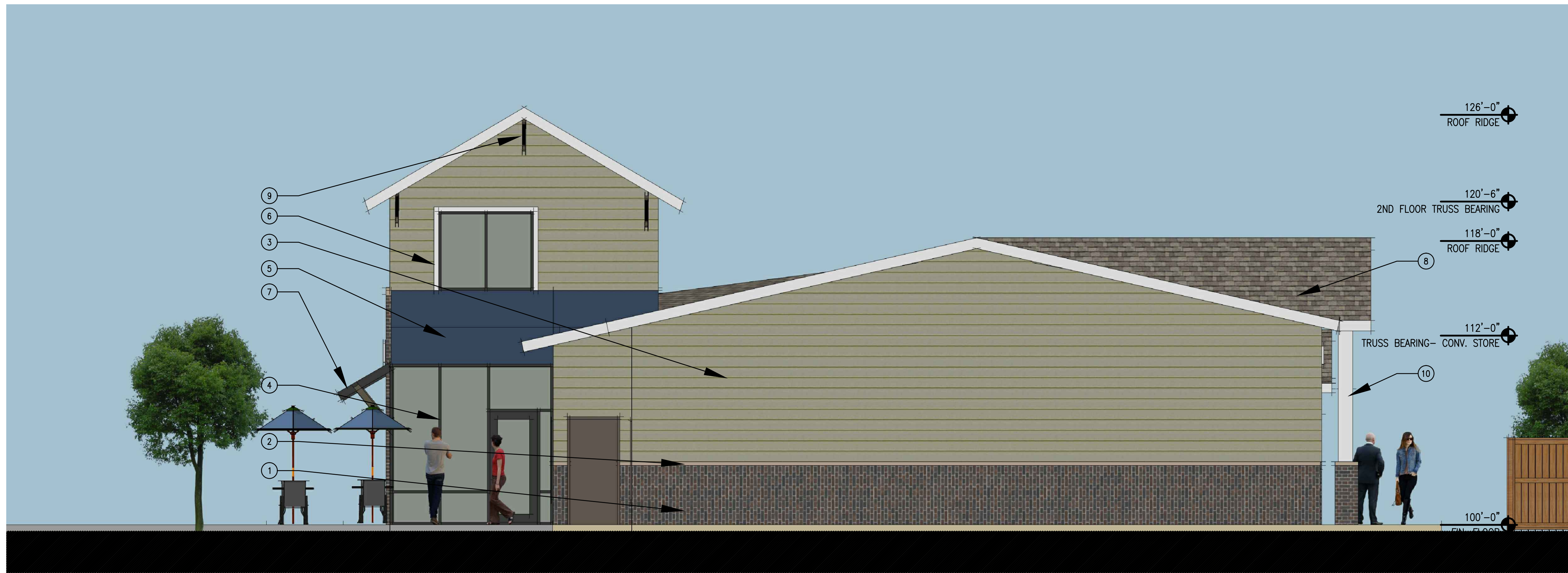
1 SOUTH ELEVATION
1/4"=1'-0"

FLOOR PLAN KEYED NOTES

- ① BRICK VENEER
- ② MASONRY SILL/CAP
- ③ FIBER CEMENT SIDING PANEL, COLOR 1
- ④ ALUMINUM STOREFRONT WINDOW SYSTEM, DARK BRONZE
- ⑤ ARCHITECTURAL METAL PANEL, COLOR-BLUE
- ⑥ WOOD WINDOW TRIM, COLOR-WHITE
- ⑦ WOOD SUNSHADES.
- ⑧ ASPHALT SHINGLES
- ⑨ DECORATIVE ROOF BRACKETS
- ⑩ WOOD COLUMNS
- ⑪ FIBER CEMENT SIDING-COLOR 2



1 EAST ELEVATION
1/4"=1'-0"



1 NORTH ELEVATION
1/4"=1'-0"

FLOOR PLAN KEYED NOTES

- ① BRICK VENEER
- ② MASONRY SILL/CAP
- ③ FIBER CEMENT SIDING PANEL, COLOR 1
- ④ ALUMINUM STOREFRONT WINDOW SYSTEM, DARK BRONZE
- ⑤ ARCHITECTURAL METAL PANEL, COLOR-BLUE
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- ⑨ DECORATIVE ROOF BRACKETS
- ⑩ WOOD COLUMNS
- ⑪ FIBER CEMENT SIDING-COLOR 2



1 WEST ELEVATION
1/4"=1'-0"

NEW GAS STATION

4814 FREEDOM RING RD.
MADISON, WI

EXTERIOR RENDERING

03/21/16
PC SUBMITTAL

A3.2



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