



City of Madison

Conditional Use

Location
4814 Freedom Ring Road

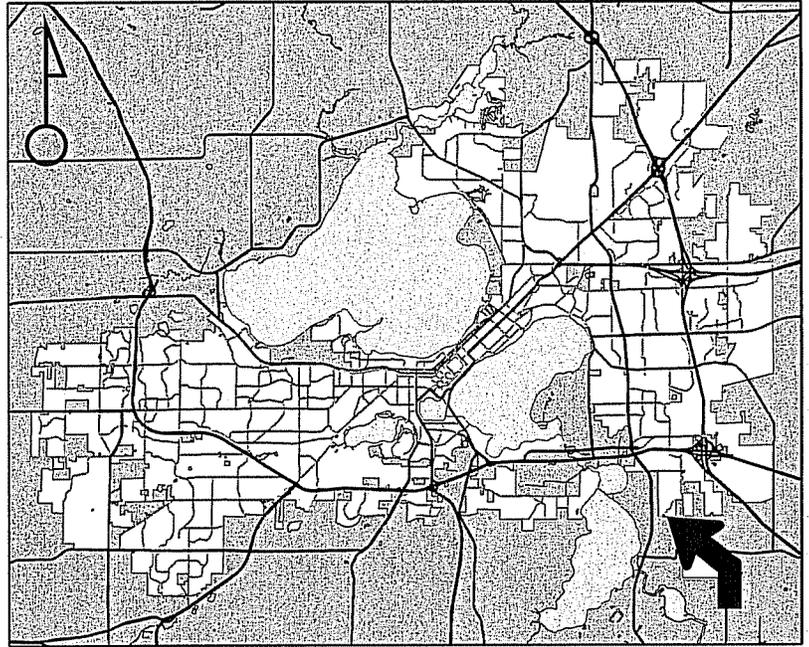
Project Name
Dilbar Gas Station

Applicant
Todd Waller – Lee & Associates/
Steve Shulfer – Shulfer Architects

Existing Use
Vacant land

Proposed Use
Construct a gas station with convenience
store in the NMX zoning district

Public Hearing Date
Plan Commission
27 June 2016



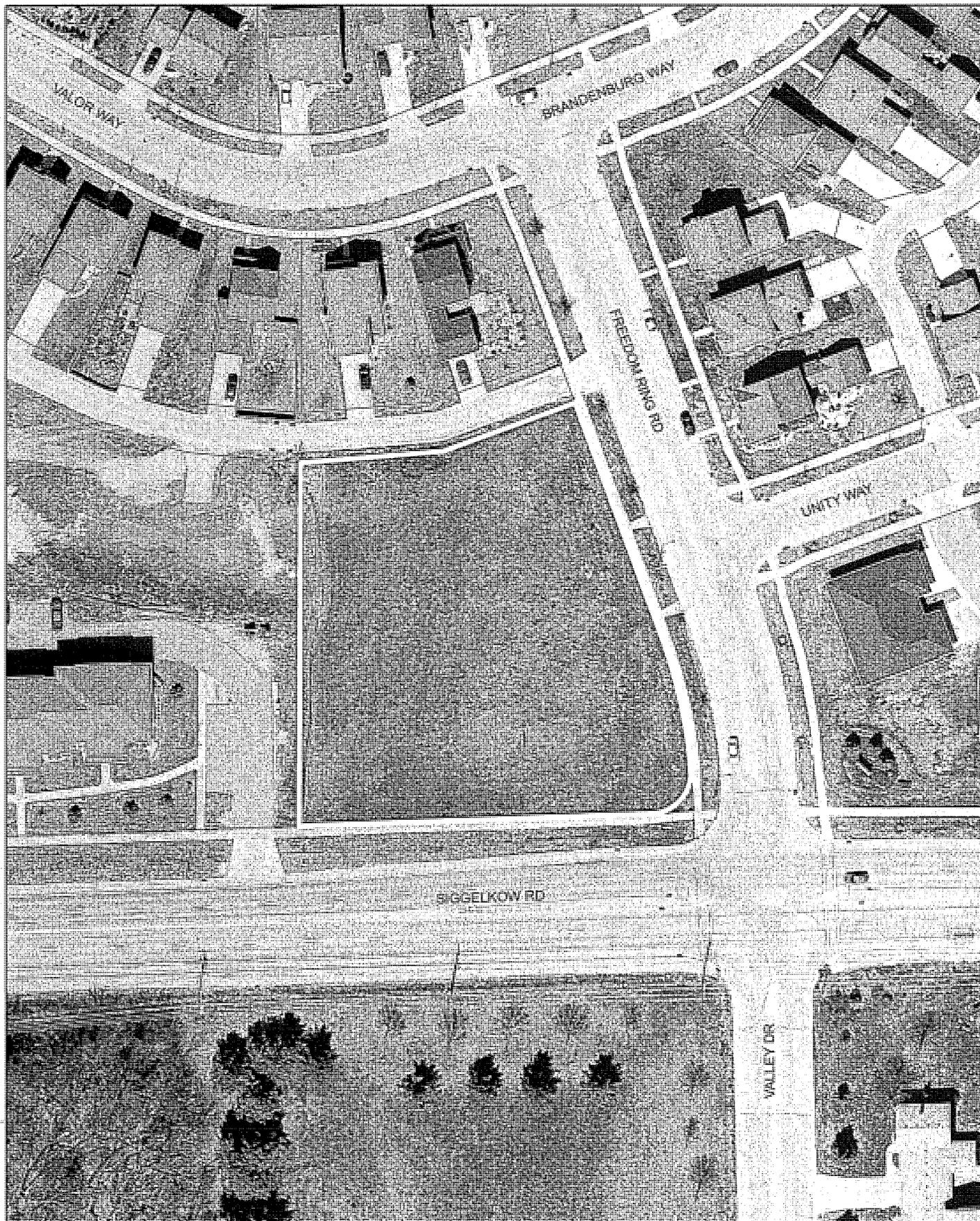
For Questions Contact: Jessica Vaughn at: 267-8733 or jvaughn@cityofmadison.com or City Planning at 266-4635



Scale : 1" = 400'

City of Madison, Planning Division : RPJ : Date : 20 June 2016

8





LAND USE APPLICATION

CITY OF MADISON

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

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

FOR OFFICE USE ONLY:	
Amt. Paid _____	Receipt No. _____
Date Received _____	
Received By _____	
Parcel No. _____	
Aldermanic District _____	
Zoning District _____	
Special Requirements _____	
Review Required By:	
<input type="checkbox"/> Urban Design Commission	<input type="checkbox"/> Plan Commission
<input type="checkbox"/> Common Council	<input type="checkbox"/> Other: _____

Form Effective: February 21, 2013

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 your Land Use Application):**

- Zoning Map Amendment from _____ to _____
- Major Amendment to Approved PD-GDP Zoning Major Amendment to Approved PD-SIP Zoning
- Review of Alteration to Planned Development (By Plan Commission)
- Conditional Use, or Major Alteration to an Approved Conditional Use
- Demolition Permit
- Other Requests: _____

3. **Applicant, Agent & Property Owner Information:**

Applicant Name: Steve Shulfer **Company:** Shulfer Architects
Street Address: 7780 Elmwood Ave., Suite #208 **City/State:** Middleton, WI **Zip:** 53562
Telephone: (608) 836-7570 **Fax:** () **Email:** sshulfer@shulferarchitects.com

Project Contact Person: Nick Badura **Company:** Shulfer Architects
Street Address: 7780 Elmwood Ave., Suite #208 **City/State:** Middleton, WI **Zip:** 53562
Telephone: (608) 836-7570 **Fax:** () **Email:** nbadura@shulferarchitects.com

Property Owner (if not applicant): A-Budget Warehouses Inc.
Street Address: PO Box 12 **City/State:** McFarland, WI **Zip:** 53558

4. **Project Information:**

Provide a brief description of the project and all proposed uses of the site: Proposed new gas station with convenience store and additional tenant space. Building includes 2nd floor office space.

Development Schedule: Commencement June 2016 Completion November 2016

5. Required Submittal Information

All Land Use applications are required to include the following:

Project Plans including:*

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

Provide collated project plan sets as follows:

- **Seven (7) copies** of a full-sized plan set drawn to a scale of 1 inch = 20 feet (folded or rolled and stapled)
- **Twenty Five (25) copies** of the plan set reduced to fit onto 11 X 17-inch paper (folded and stapled)
- **One (1) copy** of the plan set reduced to fit onto 8 1/2 X 11-inch paper

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

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

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

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

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

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

6. Applicant Declarations

Pre-application Notification: The Zoning Code requires that the applicant notify the district alder and any nearby neighborhood and business associations in writing no later than **30 days prior to FILING this request**. List the alderperson, neighborhood association(s), and business association(s) AND the dates you sent the notices:
Alder Denise Demarb, email contact 12/15/15 Neighborhood meeting 2/24/16

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

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

Planning Staff: Jessica Vaughn Date: 1/6/16 Zoning Staff: Jenny Kirchgatter Date: 1/6/16

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

Name of Applicant Nick Badura Relationship to Property: Agent of Owner

Authorizing Signature of Property Owner [Signature] Date 6/23/16



June 14, 2016

**City of Madison
Plan Commission
210 Martin Luther King Jr. Blvd.
Madison, WI 53701**

Page | 1

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 Plan Commission. The proposed development is for a new gas station and convenience store building located at 4814 Freedom Ring Road.

Project Overview:

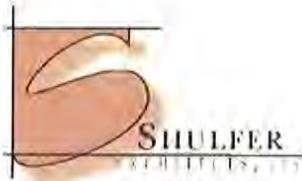
The development proposed includes a new convenience store (approx. 3,200 SF), gas pumps and tenant space (approx. 1195 SF). The proposed design locates the building at the corner of Siggelkow Road and Freedom Ring Road. The tenant space directly on the corner will be a two story structure, to provide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

The project has been discussed at two UDC meetings, along with two neighborhood meetings. The project has incorporated several design changes to address the concerns brought forth in these meetings.

In response to the first UDC meeting, 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.

In response to comments from the second UDC meeting, additional design changes have taken place. The amount of asphalt was reduced by 2,450 SF from the original design, including reducing drive aisle widths. Parking has been reduced to 18 total stalls (eliminating 9 stalls from the original design). Landscaping has been added on both sides of the proposed fence, while also increasing the



height of the fence to seven feet. The fence location also has shifted closer to the parking and away from the property line. Lighting levels have been lowered throughout the site. The canopy light levels have been lowered and the height of light posts have been lowered to better fit the scale of the neighborhood. While reducing the number of pumps and their location was considered, having four gas pump islands as currently shown will allow customers to move quickly to fill up their cars and flow through the site. This flow is a crucial factor as users prefer the convenience of having open pumps available. The development team looked at moving the parking stalls along the west edge to the north. However, parking at the north end would move the paved area closer to the single family homes at the north, while also potentially creating congestion with filling trucks as the storage tanks are located at the north end of the site.

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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:	16 spaces + 2 Handicapped
Bicycle Parking:	6 total spaces

Zoning District:

The property is currently zoned NMX, Neighborhood Mixed Use.

Project Schedule:

The project construction schedule will be as follows:

Construction Start:	August, 2016
Substantial Completion:	February 2017

Respectfully,

Nick Badura

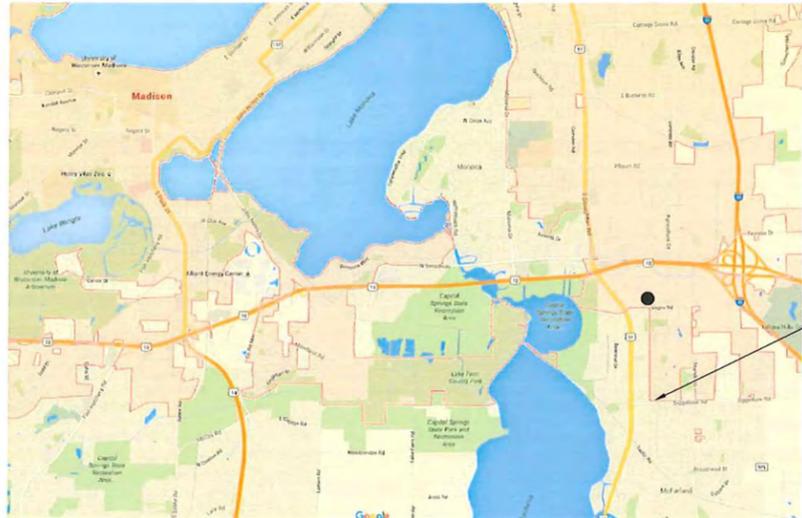
SHULFER ARCHITECTS, LLC

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
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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



2 SITE LOCATION
 NTS

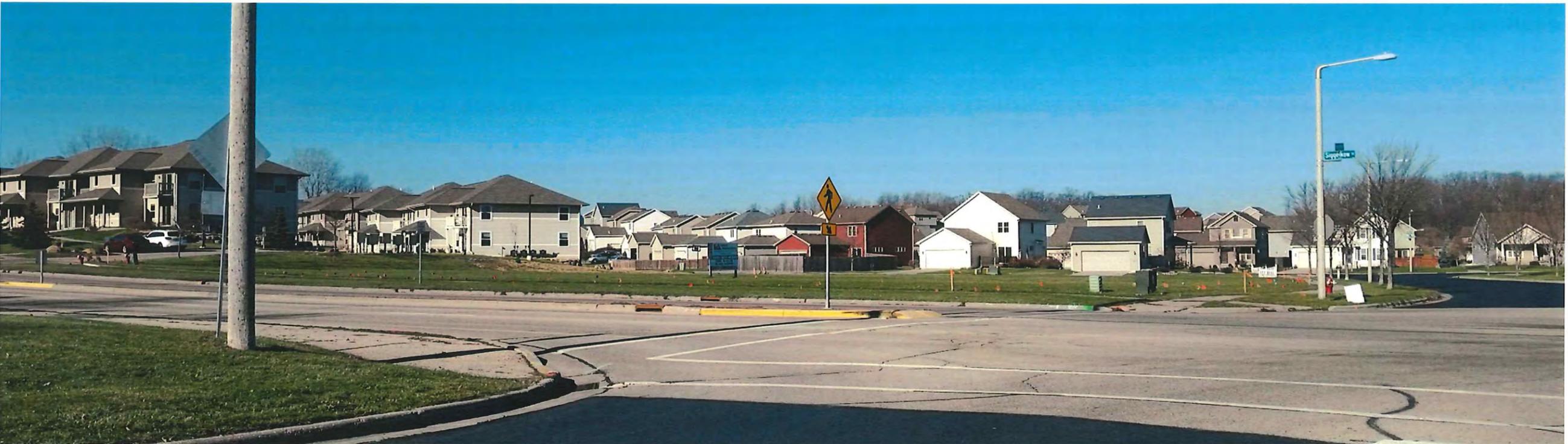


NEW GAS STATION

SITE LOCATION

01/27/16
 UDC MTG
 06/14/16
 PC SUBMITTAL

A0.1

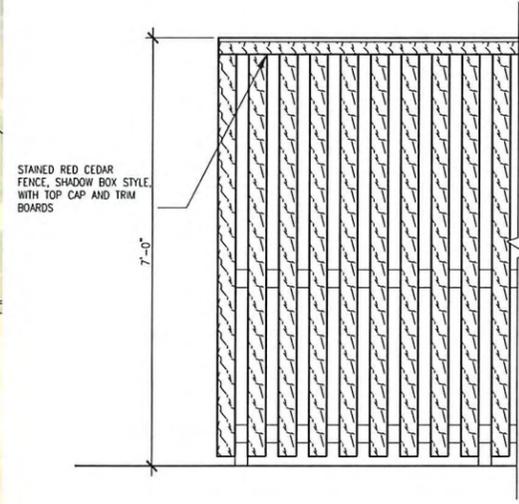
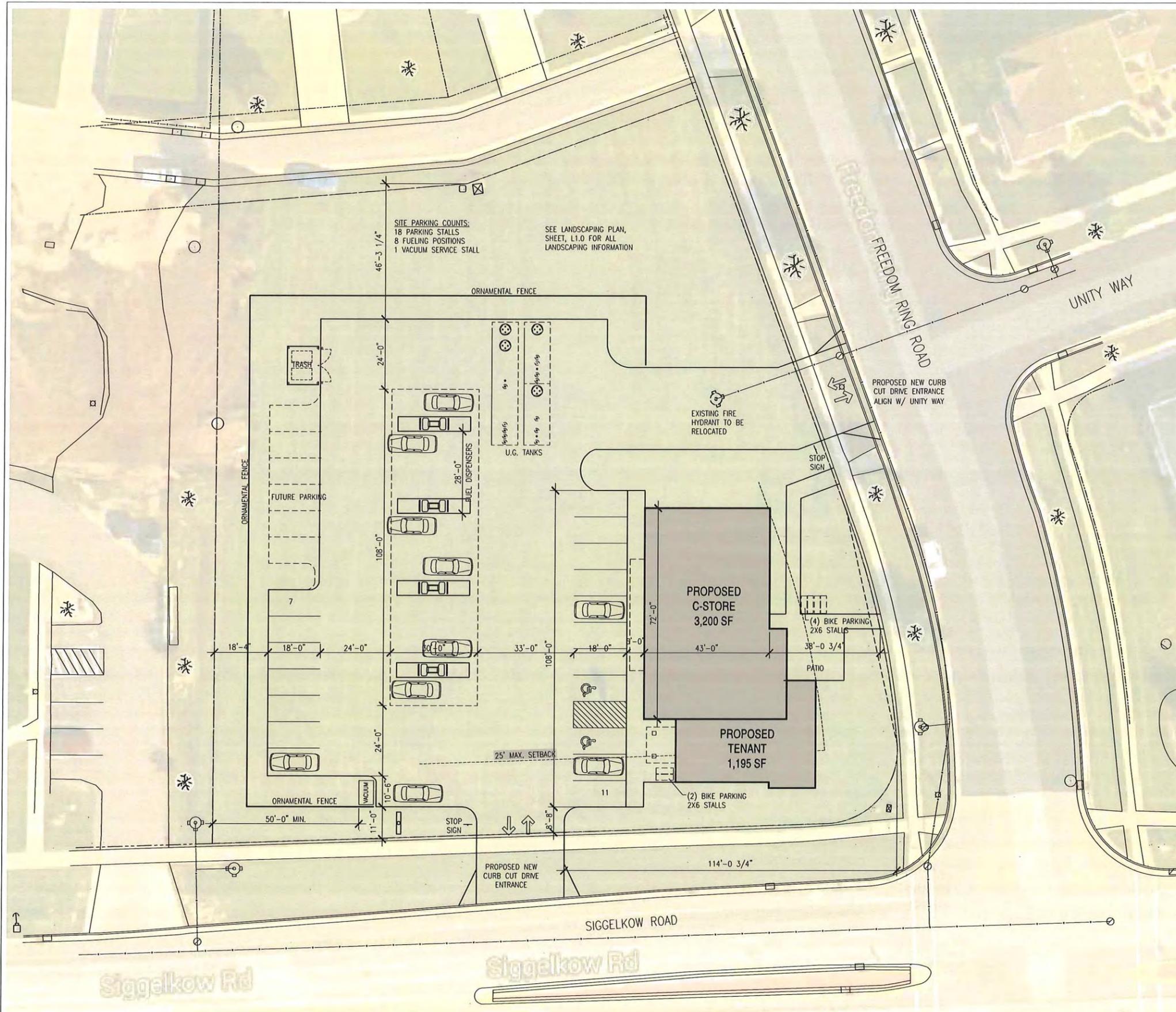


NEW GAS STATION

4814 FREEDOM RING RD.
MADISON, WI

SITE PHOTOS

01/27/16
UDC MEETING



1 SITE PLAN
 1/16"=1'-0"

1 ORNAMENTAL FENCE DETAIL
 1/16"=1'-0"

NEW GAS STATION

SITE PLAN

- 01/27/16 UDC MEETING
- 02/16/16 NEIGHBORHOOD MTG
- 03/21/16 PC SUBMITTAL



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

WEA 100000000.00000000
 SHULFER
 ARCHITECTS, LLC



NEW GAS STATION

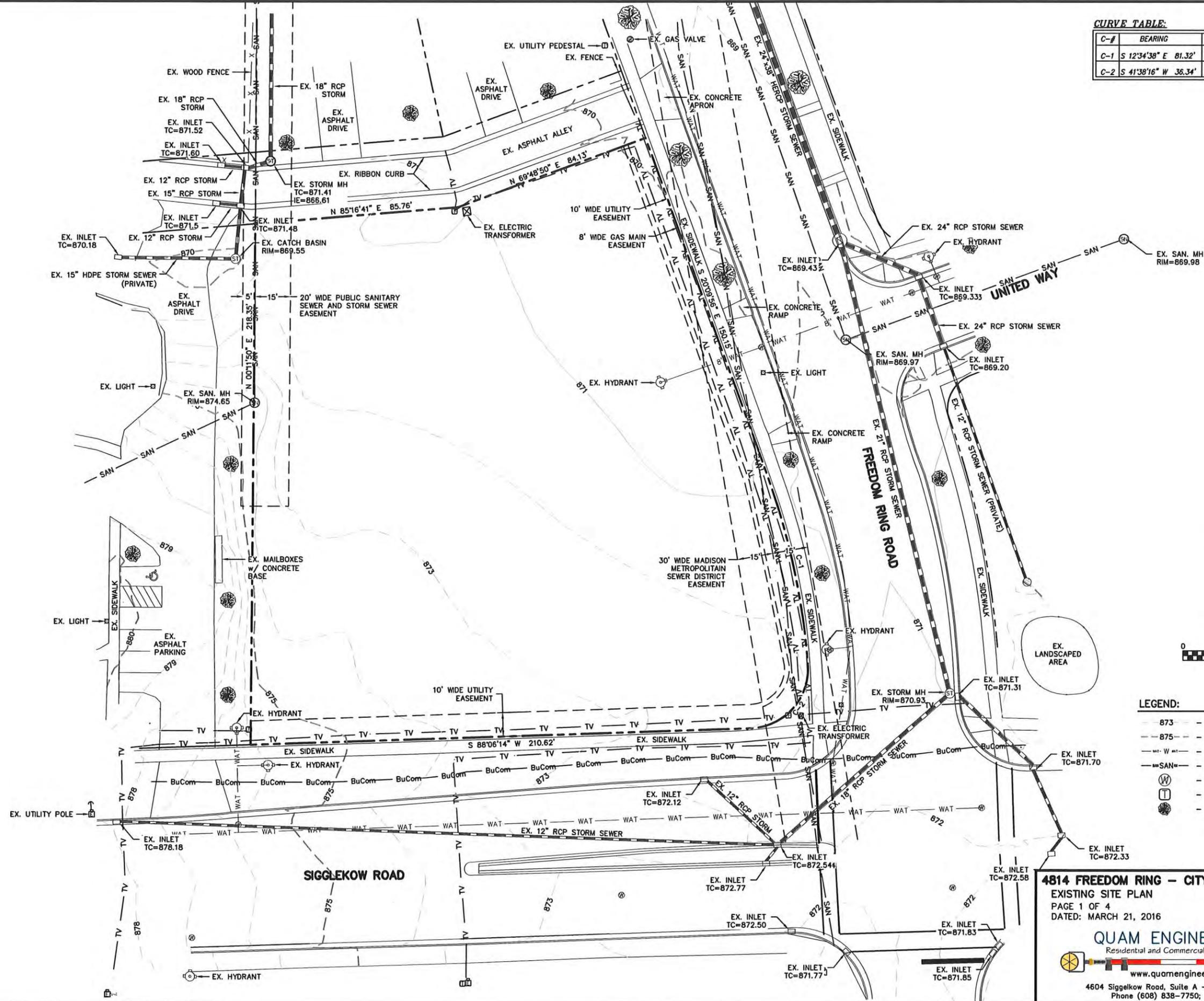
4814 FREEDOM RING ROAD
 MADISON, WI

WELLHEAD LOCATION

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

CURVE TABLE:

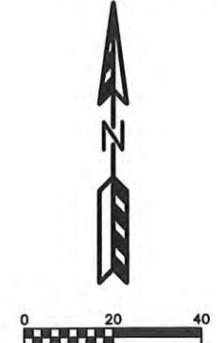
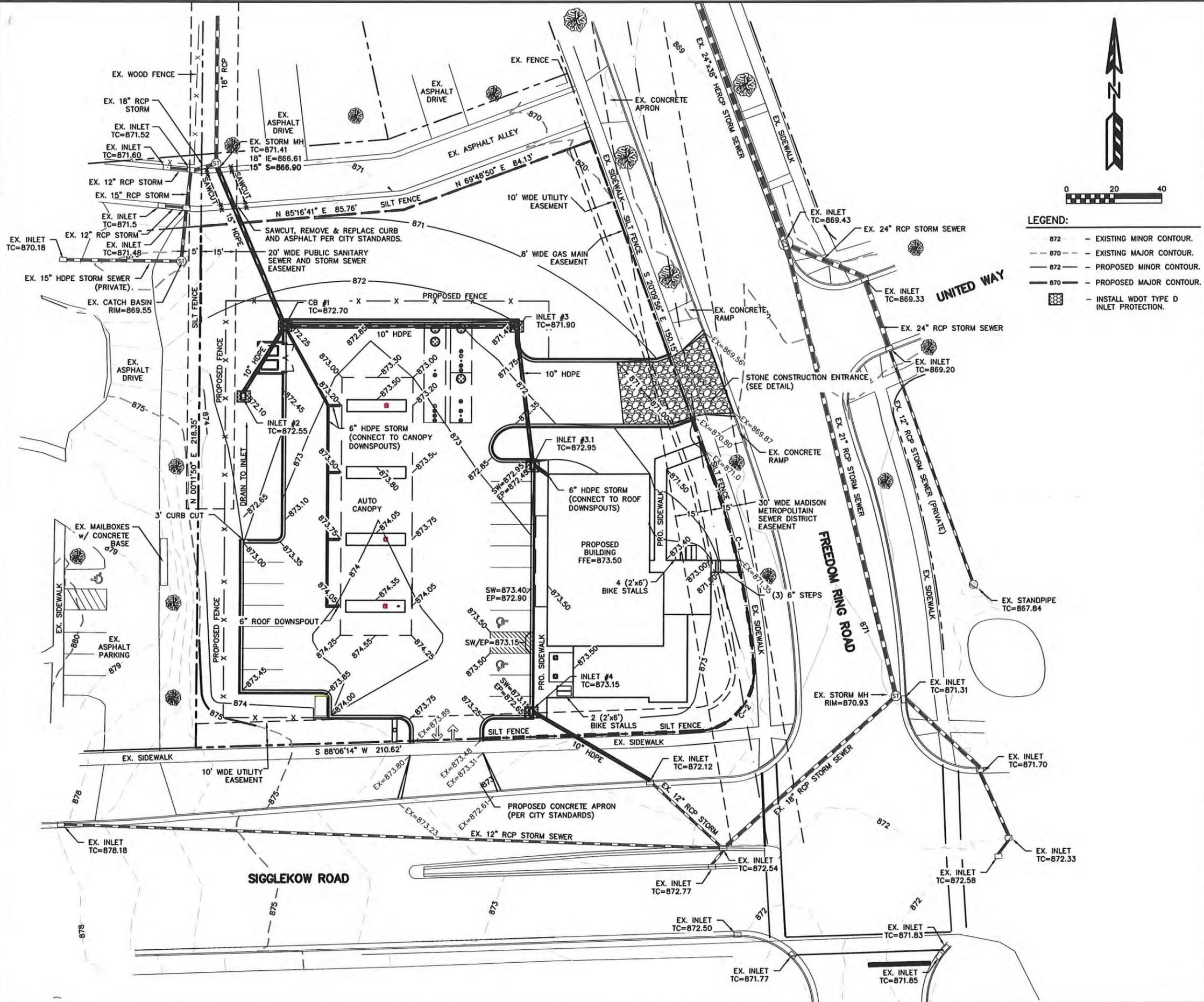
C-#	BEARING	RADIUS	ARC	DELTA
C-1	S 12°34'38" E 81.32'	305.00	81.56'	15°19'18"
C-2	S 41°38'16" W 36.34'	25.00'	40.68'	93°13'41"



- LEGEND:**
- 873 - - - - - EXISTING MINOR CONTOUR
 - 875 - - - - - EXISTING MAJOR CONTOUR
 - WAT - - - - - EXISTING WATER MAIN
 - SAN - - - - - EXISTING SANITARY SEWER
 - (WV) - - - - - EXISTING WATER VALVE
 - (UP) - - - - - EXISTING UTILITY PEDESTAL
 - (Tree Symbol) - - - - - EXISTING DECIDUOUS TREE

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

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



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

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 DEFICIENCIES THAT ARE THE 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.

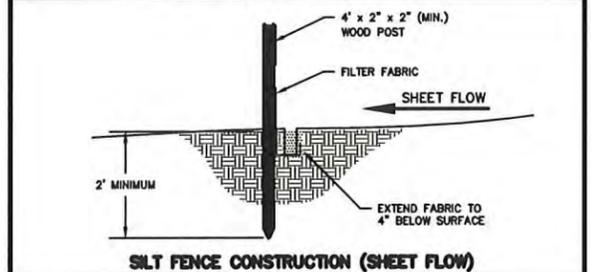
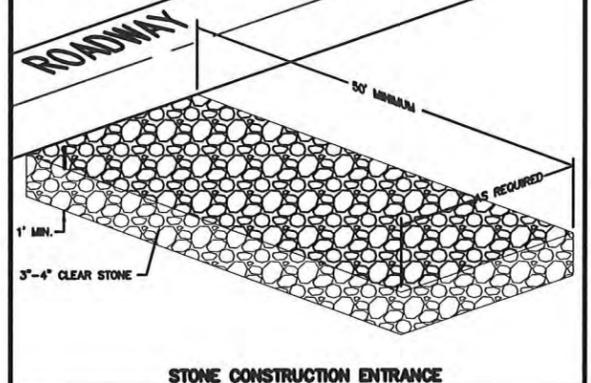
TIME SCHEDULE:

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 PREVIOUS DISTURBED AREAS SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, SEED AND MULCH. ALL PREVIOUS 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 6%; POTASH, NOT LESS THAN 6%.

OWNER:
 DLBAR TUNIE, LLC
 2644 GRANITE RD
 FITCHBURG, WI 53711

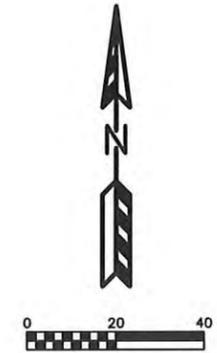
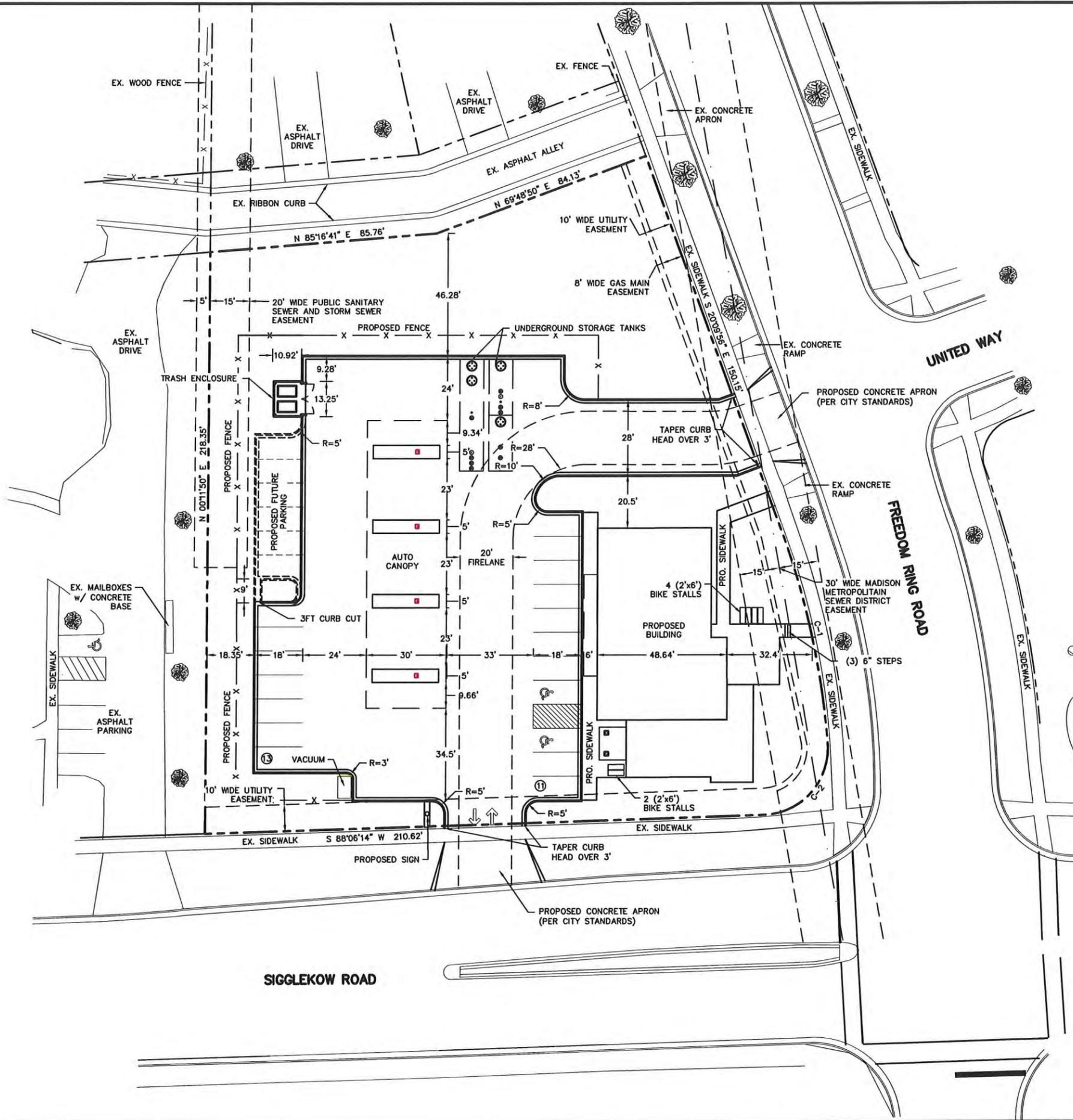
ENGINEER:
 QUAM ENGINEERING, LLC
 ATTN: RYAN QUAM
 4604 SIGGELKOW ROAD, SUITE A
 MCFARLAND, WI 53558



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)(608)542-2289
 WIS. STATUTE 182.0175 (1874)
 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

4814 FREEDOM RING - CITY OF MADISON
 GRADING AND EROSION CONTROL PLAN
 PAGE: 3 OF 4
 DATED: JUNE 13, 2016

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 Phone (608) 838-7750; Fax (608) 838-7752



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

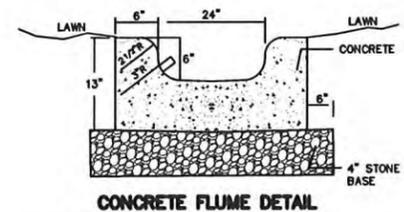
Use of property: CONVENIENCE STORE
 Gross square feet of office: N/A
 Gross square feet of retail area: N/A
 Number of employees in warehouse: N/A
 Number of employees in production: N/A
 Capacity of restaurant/place of assembly: N/A

Number of bicycle stalls shown: 3

Number of Parking stalls:

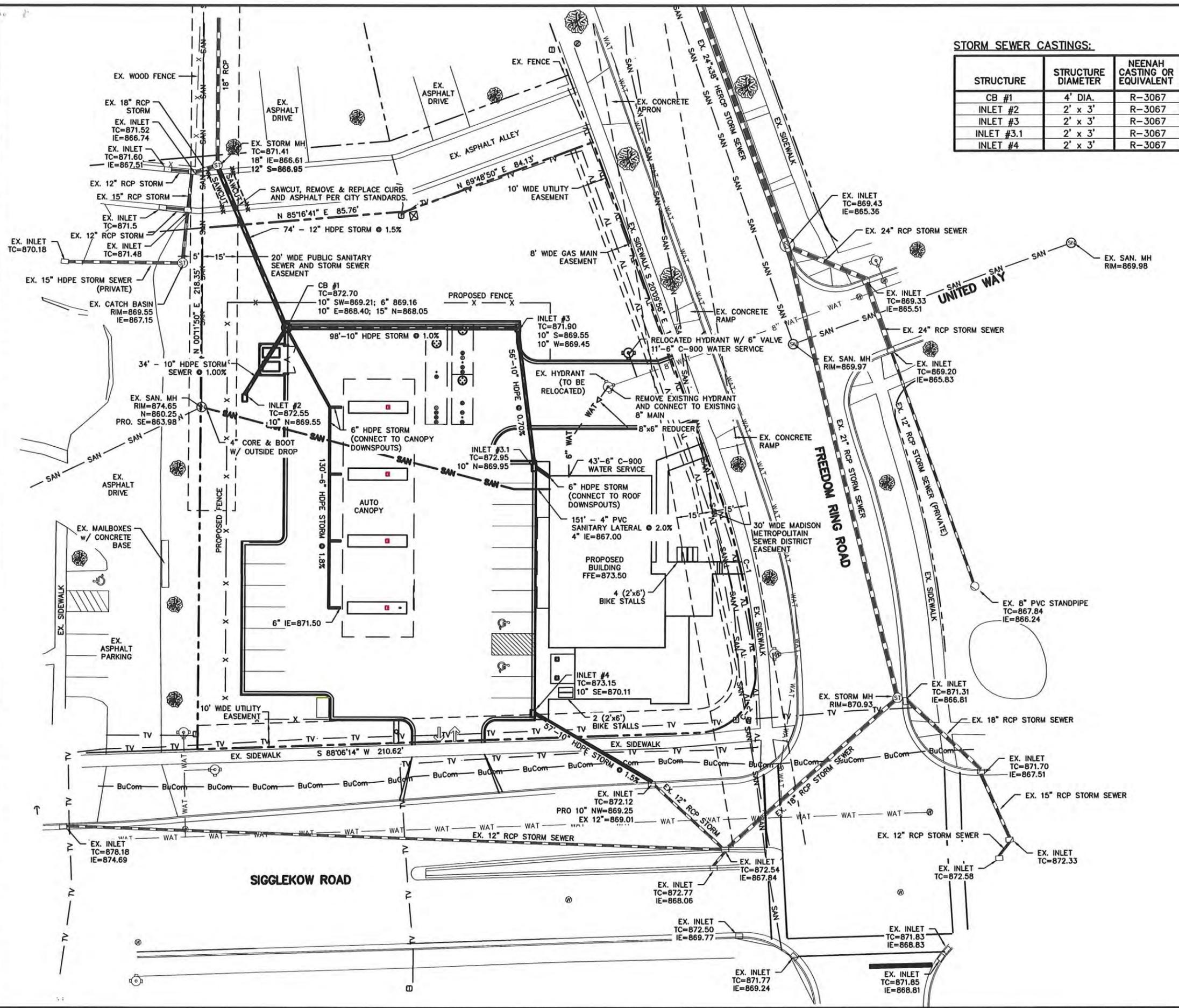
	SHOWN
Small Car	0
Large Car	23
Accessible	2
Total	25

Number of trees shown: (See Landscape Plan)



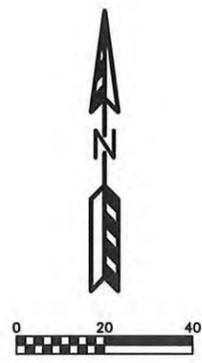
4814 FREEDOM RING - CITY OF MADISON
 PROPOSED SITE PLAN
 PAGE 2 OF 4
 DATED: JUNE 13, 2016

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STORM SEWER CASTINGS:

STRUCTURE	STRUCTURE DIAMETER	NEENAH CASTING OR EQUIVALENT
CB #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.

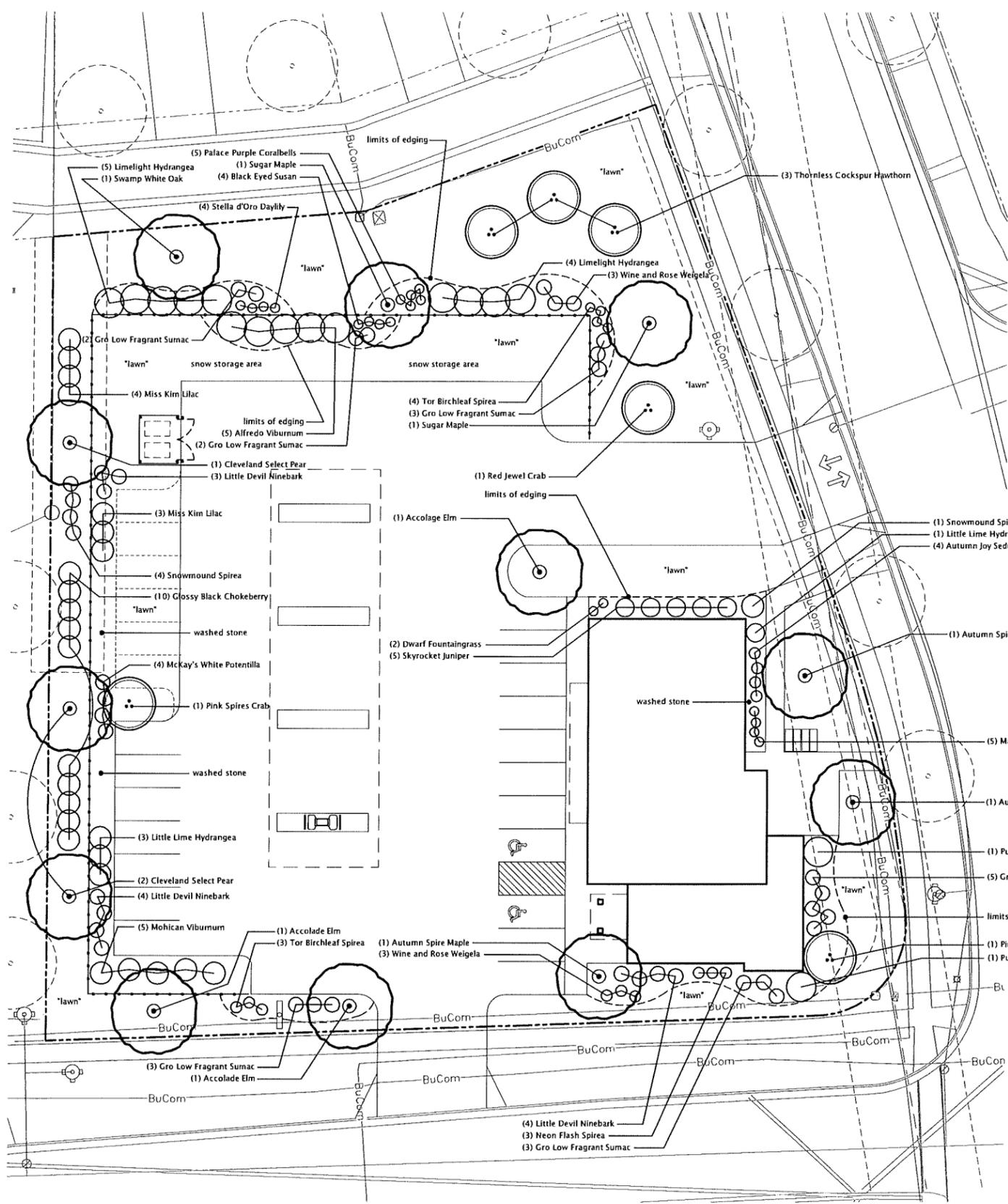
SANITARY SEWER SHALL BE PVC ASTM D3034, SDR 35 UNLESS INDICATED OTHERWISE.

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

4814 FREEDOM RING - CITY OF MADISON

UTILITY PLAN
PAGE: 4 OF 4
DATED: JUNE 13, 2016

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www.quamengineering.com
4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
Phone (608) 838-7750; Fax (608) 838-7752



1 LANDSCAPE PLAN



Notes:

- 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.
- "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/)
- "Lawn" areas shall be finish graded and seeded at a rate of 4 lbs. per 1,000 sq. ft. Basis of Design: Madison Parks Lawn Seed Mix. EarthCarpet Corporation. (www.seedsolutions.com)
- 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: Tensar DS75. North American Green. (www.nagreen.com)
- 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.
- Perennials in mass bed plantings to be planted in staggered rows.
- Contractor is responsible for repairing any and all damage to the adj. properties. Planted areas shall be replanted, damaged lawn areas shall be repaired with sod and adjacent curbs and pavement shall be re-paved.
- 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:

- One (1) landscape unit for each (300) sf developed area
Total sf of developed area = 24,500 sf
Developed area divided by (300) = 82 Landscape Units
- Within (IL) and (IG) districts, one (1) landscape unit for each (600) sf developed area
Total sf of developed area = NA
Developed area divided by (600) = NA Landscape Units
- One landscape unit = 5 landscape points
Landscape units (82) x 5 landscape points = 410 Total Points Required

Development Frontage Landscaping:

- Provide (1) overstory deciduous tree and five (5) shrubs per (30) lf of lot frontage
Existing lot frontage = 652 lf
Less proposed fence along Street = 358 lf frontage
(12) trees required (12) proposed
(60) shrubs required (60) proposed

Tabulation of Points and Credits:

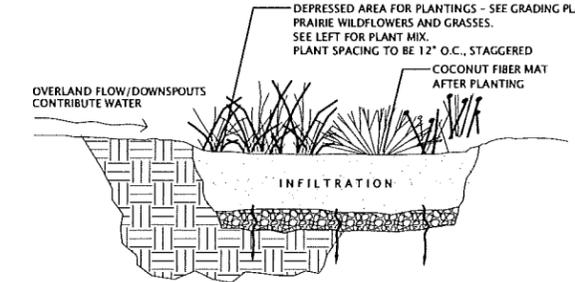
Plant Type/Element	Min. size	Points	Proposed Qty.	Points
Overstory Deciduous Tree	2 1/2" cal.	35	15	525
Ornamental tree	1 1/2" cal.	15	2	30
Evergreen tree	3 feet tall	15	5	75
Shrub, deciduous	18" or 3 gal.	2	84	168
Shrub, evergreen	18" or 3 gal.	3		
Ornamental grasses	18" or 3 gal.	2		
Ornamental fence or wall	na	4 per 10 lf		
Total Proposed				798
Total Required				410

- DECIDUOUS AND EVERGREEN TREES
- Autumn Spire Maple (50" x 20")
 - Red Jewel Crab (15" x 12")
 - Pink Spires Crab (15" x 12")
 - Cleveland Select Pear (30" x 20")
 - Thornless Cockspear Hawthorn
 - Swamp White Oak (50" x 40")
 - Columbus Strain Redbud (15" x 15")
 - Accolade Elm (50" x 40")
 - Skyrocket Juniper (15" x 3")

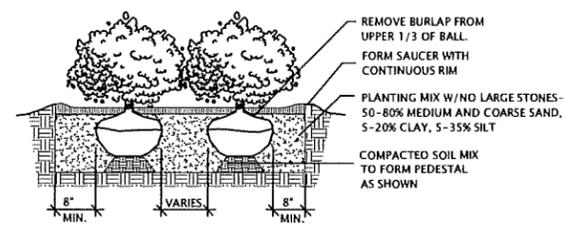
- SHRUBS
- Glossy Black Chokeberry (4" x 4")
 - Gro Low Fragrant Sumac (2" x 6")
 - Neon Flash Spirea (3" x 3")
 - Little Lime Hydrangea (4" x 4")
 - Wine and Roses Weigela (4" x 4")
 - Tor Birchleaf Spirea (2" x 2")
 - Snowmound Spirea (4" x 4")
 - Little Devil Ninebark (4" x 4")
 - Mohican Viburnum (6" x 6")
 - Miss Kim Lilac (5" x 5")
 - Purple Leaf Sandcherry (8" x 8")
 - Alfredo Viburnum (5" x 5")
 - McKay's White Potentilla (4" x 4")

- PERENNIALS
- Autumn Joy Sedum (18" x 24")
 - K. Foerster Feather Reed Grass
 - Dwarf Fountaingrass (24" x 24")
 - Mary Todd Daylily (24" x 24")
 - Stella D' Oro Daylily (24" x 24")
 - Black Eyed Susan (24" x 24")
 - Palace Purple Coralbells (18" x 18")

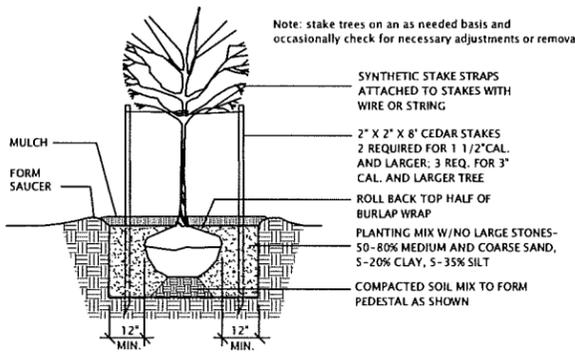
PLANTS; EQUAL MIX 2 1/2" PLUGS. RANDOM PLANT.
Butterfly Weed, Blue False Indigo, White False Indigo
Purple Coneflower, Blue Flag Iris, Cardinal Flower
Marsh Blazingstar, Brown Eyed Susan, Stiff Goldenrod
Bottlebrush Sedge, Fox Sedge, Torrey's Rush, Switch Grass



2 BIOINFILTRATION DETAIL
NTS



3 SHRUB PLANTING
NTS



4 TREE PLANTING
NTS

NEW GAS STATION

LANDSCAPE PLAN

06/13/16
SITE SUBMITTAL

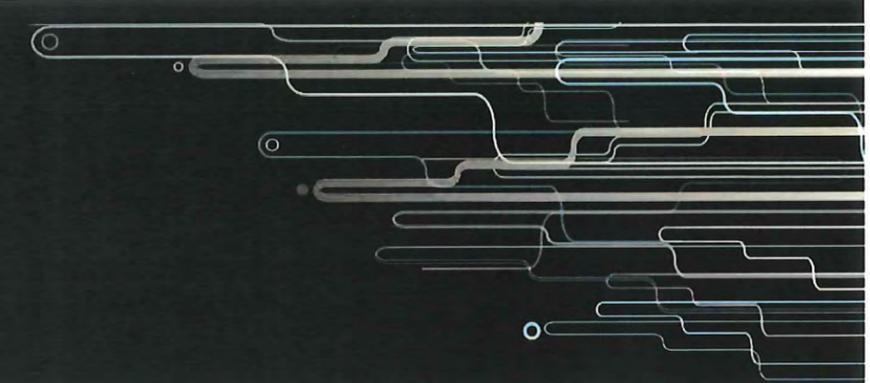
L1.0





red leonard associates

5630 BRIDGETOWN RD SUITE 2 - CINCINNATI, OH 45248
(513) 574 - 9500 - redleonard.com



DILBAR

RL-3613-S1-R3

6/10/16

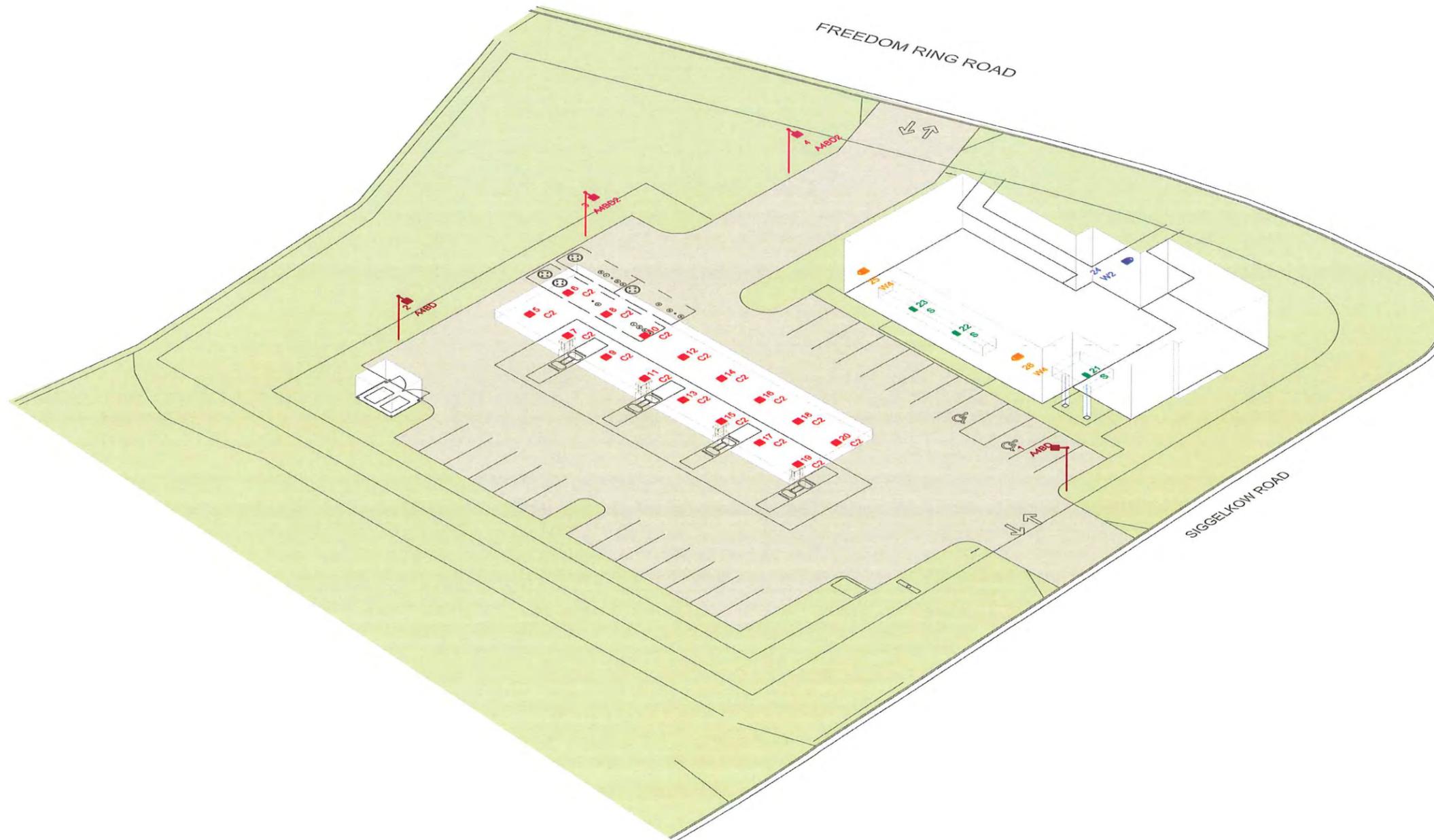


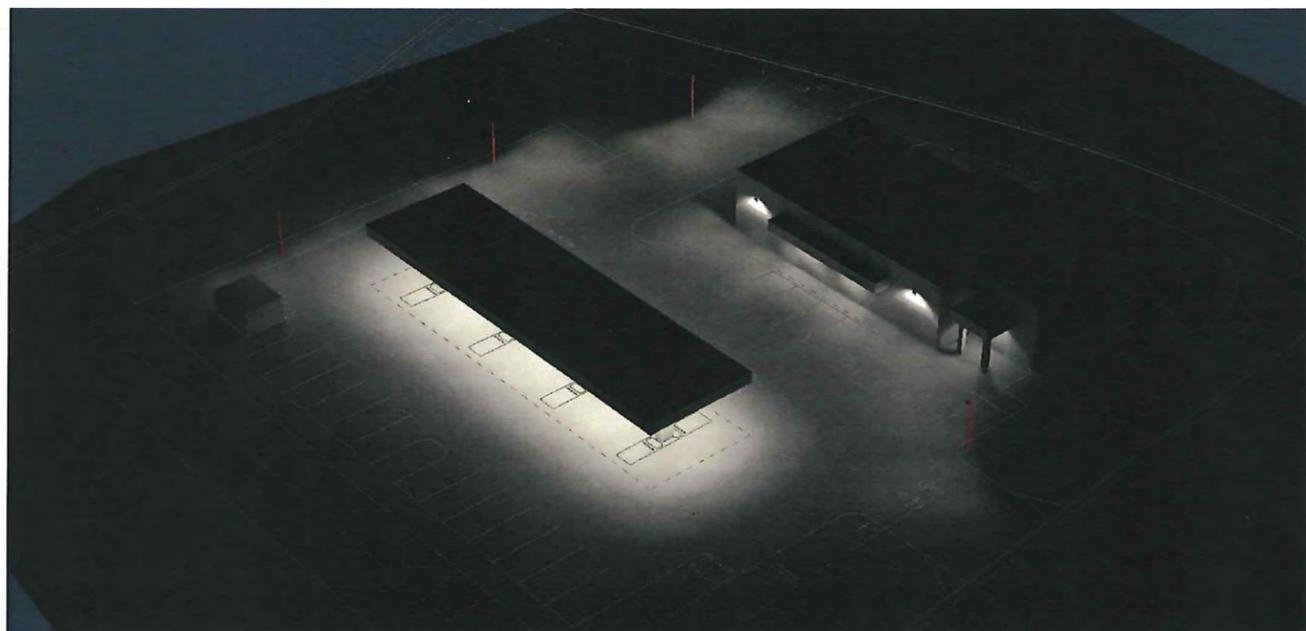
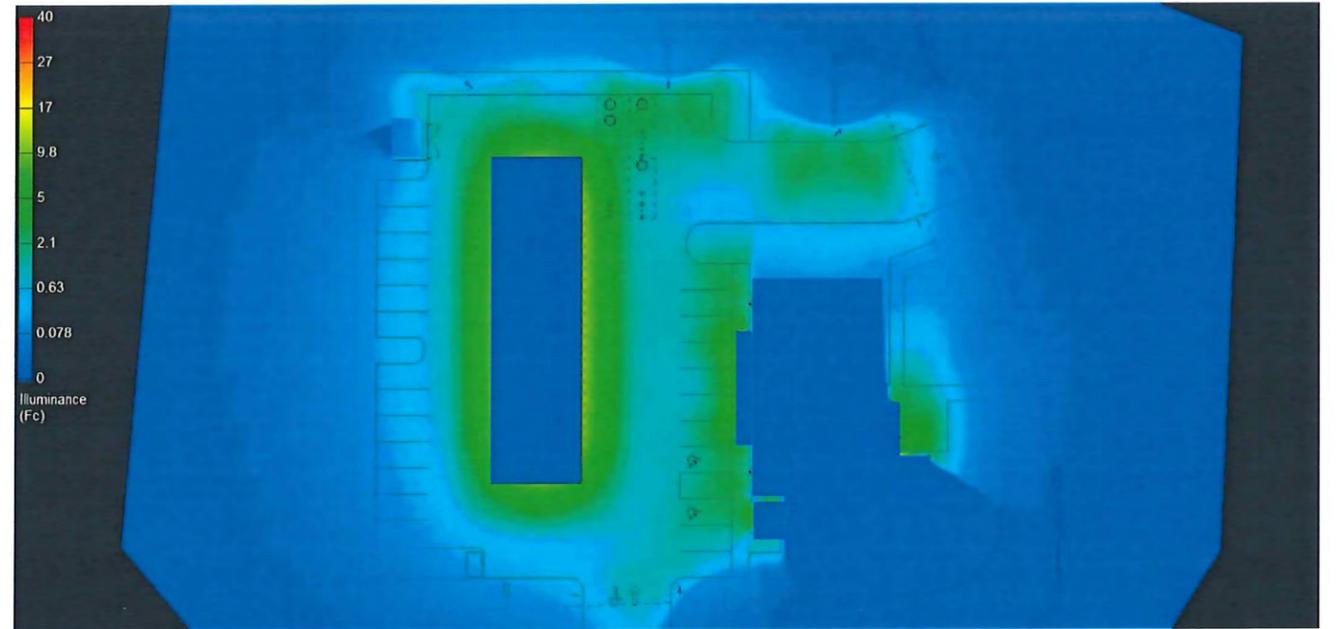
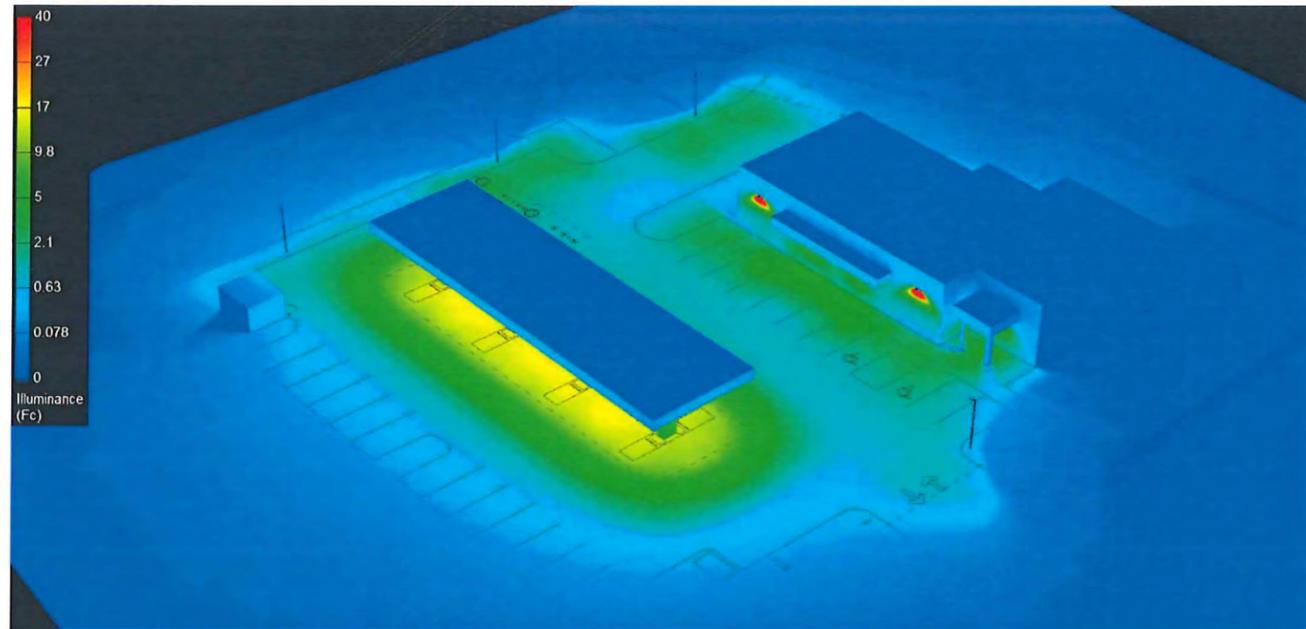
- 1. Exterior Photometric Application
- 2. Fixture Detail
- 3-5. Fixture Specification

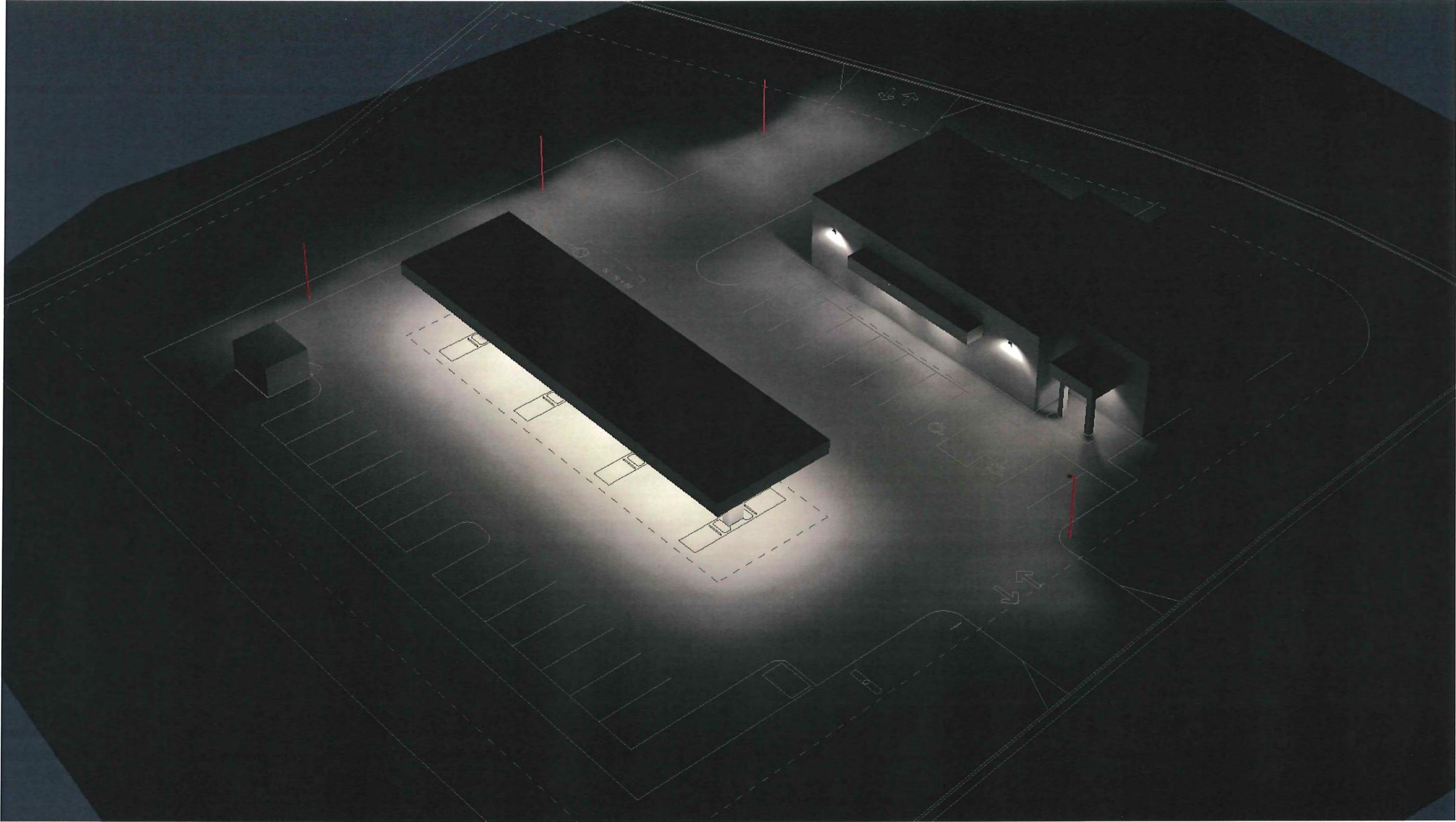
EXTERIOR
LIGHTING LAYOUT



SCAN CODE
FOR EXTERIOR OPTIONS









AREA

CLICK HERE FOR PRODUCT INFO

SYMBOL	QTY	LABEL
	2	A4BD2
ARE-EDG-4MB-XX-06-E-UL-XX-700-DIM (DIM @ 1.1)		
	2	A4BD
ARE-EDG-4MB-XX-06-E-UL-XX-700-DIM (DIM @ 2.8)		

Cree Edge™ Series

LED Area/Flood Luminaire

Product Description
The Cree Edge™ Series has a slim, low profile design. Its rugged cast aluminum housing meets and exceeds all applicable safety and performance standards. The Cree Edge™ Series is available in two sizes: 1.1" and 2.8" deep. Both sizes are available in a variety of mounting options: surface, recessed, and in-cabinet. Applications: Parking lots, walkways, corridors, office complexes, and retail displays.

Performance Summary

Patented NanoOptic™ Product Technology
Made in the U.S.A. of U.S. and imported parts
CRI Minimum 93 CRI
CCT: 4000K (4' 3000K, 5700K (4' 3000K) standard)
Limited Warranty: 10 years on luminaire/10 years on Colorfast Deluxium™ finish

Accessories

Field Included
Cast Aluminum Housing
LED Driver
LED Luminaire
LED Lens
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring



Ordering Information

Example: ARE-EDG-4MB-XX-06-E-UL-XX-700-DIM

Product	Type	Mounting	LED Driver	Series	Voltage	Color	Beam Spread	Options
ARE-EDG-4MB-XX-06-E-UL-XX-700-DIM	Area/Flood	Recessed	DA	4MB	06	4000K	70°	None

UL, DGC, IES, ENEC, CE, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100



CANOPY

CLICK HERE FOR PRODUCT INFO

SYMBOL	QTY	LABEL
	16	C2
CAN-304-SL-RS-06-E-UL-XX-525-DIM (DIM @ 3.0)		

304 Series™

LED Recessed Canopy Luminaire

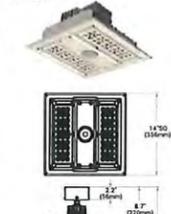
Product Description
Luminaire housing is constructed from rugged die cast aluminum components (RS Mount) or cast anodized aluminum components (DS Mount). LED driver is mounted in a sealed weight-bearing center chamber that allows for access from below the fixture. Luminaire is mounted directly to the canopy deck and is secured in place with die cast aluminum trim flange. Luminaire housing is made from high performance extruded aluminum. Adjustable lens, 2° to 18° beam spread. Applications: Parking lots, walkways, corridors, office complexes, and retail displays.

Performance Summary

Patented NanoOptic™ Product Technology
Made in the U.S.A. of U.S. and imported parts
CRI Minimum 93 CRI
CCT: 4000K (4' 3000K, 5700K (4' 3000K) standard)
Limited Warranty: 10 years on luminaire/10 years on Colorfast Deluxium™ finish

Accessories

Field Included
Cast Aluminum Housing
LED Driver
LED Luminaire
LED Lens
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring



Ordering Information

Example: CAN-304-SL-RS-06-E-UL-XX-525-DIM

Product	Type	Mounting	LED Driver	Series	Voltage	Color	Beam Spread	Options
CAN-304-SL-RS-06-E-UL-XX-525-DIM	Recessed	RS	DA	304	06	4000K	70°	None

UL, DGC, IES, ENEC, CE, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100



SOFFIT

CLICK HERE FOR PRODUCT INFO

SYMBOL	QTY	LABEL
	3	S
SFT-228-PS-RM-06-E-UL-XX-350-DIM (DIM @ 1.0)		

228 Series™

LED Soffit Luminaire – Non-IC Rated

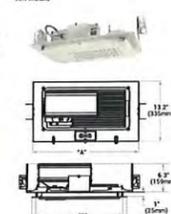
Product Description
High performance energy-efficient LED down light for new construction and remodel applications. The recessed fixture is for use in drywall, gypsum board or concrete with 1/2" (12mm) to 1 1/2" (38mm) depth. The fixture is designed for use in a variety of applications. Applications: Parking lots, walkways, corridors, office complexes, and retail displays.

Performance Summary

Patented NanoOptic™ Product Technology
Made in the U.S.A. of U.S. and imported parts
CRI Minimum 93 CRI
CCT: 4000K (4' 3000K, 5700K (4' 3000K) standard)
Limited Warranty: 10 years on luminaire/10 years on Colorfast Deluxium™ finish

Accessories

Field Included
Cast Aluminum Housing
LED Driver
LED Luminaire
LED Lens
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring



Ordering Information

Example: SFT-228-PS-RM-06-E-UL-XX-350-DIM

Product	Type	Mounting	LED Driver	Series	Voltage	Color	Beam Spread	Options
SFT-228-PS-RM-06-E-UL-XX-350-DIM	Soffit	RM	DA	228	06	4000K	70°	None

UL, DGC, IES, ENEC, CE, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100



WALL MOUNTED

CLICK HERE FOR PRODUCT INFO

SYMBOL	QTY	LABEL
	1	W2
SEC-EDG-2M-WM-04-E-UL-XX-700-DIM (DIM @ 2.8)		
	2	W4
SEC-EDG-4M-WM-06-E-UL-XX-525-DIM (DIM @ 2.6)		

Cree Edge™ Series

LED Security Wall Pack Luminaire

Product Description
The Cree Edge™ wall mounted luminaire has a slim, low profile design. This luminaire and case are made from rugged cast aluminum with integral weight-bearing LED driver components and high performance aluminum lens. Applications: Parking lots, walkways, corridors, office complexes, and retail displays.

Performance Summary

Patented NanoOptic™ Product Technology
Made in the U.S.A. of U.S. and imported parts
CRI Minimum 93 CRI
CCT: 4000K (4' 3000K, 5700K (4' 3000K) standard)
Limited Warranty: 10 years on luminaire/10 years on Colorfast Deluxium™ finish

Accessories

Field Included
Cast Aluminum Housing
LED Driver
LED Luminaire
LED Lens
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring
LED Lens Gasket
LED Lens Seal
LED Lens O-Ring



Ordering Information

Example: SEC-EDG-2M-WM-04-E-UL-XX-700-DIM

Product	Type	Mounting	LED Driver	Series	Voltage	Color	Beam Spread	Options
SEC-EDG-2M-WM-04-E-UL-XX-700-DIM	Wall Pack	RM	DA	2M	04	4000K	70°	None

UL, DGC, IES, ENEC, CE, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100

Cree Edge™ LED Area/Flood Luminaire

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile, energy-efficient design
- Luminaire is made of rugged die cast aluminum with integral weight-bearing LED driver components and high performance aluminum lens
- Die cast aluminum housing is constructed from rugged die cast aluminum and is secured in place with die cast aluminum trim flange
- Luminaire housing is made from high performance extruded aluminum
- Adjustable lens, 2° to 18° beam spread
- Applications: Parking lots, walkways, corridors, office complexes, and retail displays

ELECTRICAL SYSTEM

- Input Voltage: 120-277V or 277V-480V, 50/60Hz, Class I drivers
- Power Factor: 0.9 or higher
- Total Harmonic Distortion: < 25% (THD)
- Dielectric strength is tested to 1000V AC for 1 minute
- 1000 surge suppression protection level in accordance with IEEE-ANSI C12.12
- Mean Time To Failure (MTTF) is 100,000 hours
- Luminaire and lens are tested to withstand 1000 hours of elevated ambient light by conditions as defined in IESNA Standard E-117
- Dielectric strength is tested to 1000V AC for 1 minute
- Mean Time To Failure (MTTF) is 100,000 hours

REGULATORY & VOLUNTARY QUALIFICATIONS

- UL Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when installed without trim flange
- Compliant with CE, EMC, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100

304 Series™ LED Recessed Canopy Luminaire

Product Specifications

CONSTRUCTION & MATERIALS

- Luminaire housing is constructed from rugged die cast aluminum and is secured in place with die cast aluminum trim flange
- Luminaire housing is made from high performance extruded aluminum
- Adjustable lens, 2° to 18° beam spread
- Applications: Parking lots, walkways, corridors, office complexes, and retail displays

ELECTRICAL SYSTEM

- Input Voltage: 120-277V or 277V-480V, 50/60Hz, Class I drivers
- Power Factor: 0.9 or higher
- Total Harmonic Distortion: < 25% (THD)
- Dielectric strength is tested to 1000V AC for 1 minute
- 1000 surge suppression protection level in accordance with IEEE-ANSI C12.12
- Mean Time To Failure (MTTF) is 100,000 hours
- Luminaire and lens are tested to withstand 1000 hours of elevated ambient light by conditions as defined in IESNA Standard E-117
- Dielectric strength is tested to 1000V AC for 1 minute
- Mean Time To Failure (MTTF) is 100,000 hours

REGULATORY & VOLUNTARY QUALIFICATIONS

- UL Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when installed without trim flange
- Compliant with CE, EMC, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100

228 Series™ LED Soffit Luminaire – Non-IC Rated

Product Specifications

CONSTRUCTION & MATERIALS

- Luminaire housing is constructed from rugged die cast aluminum and is secured in place with die cast aluminum trim flange
- Luminaire housing is made from high performance extruded aluminum
- Adjustable lens, 2° to 18° beam spread
- Applications: Parking lots, walkways, corridors, office complexes, and retail displays

ELECTRICAL SYSTEM

- Input Voltage: 120-277V or 277V-480V, 50/60Hz, Class I drivers
- Power Factor: 0.9 or higher
- Total Harmonic Distortion: < 25% (THD)
- Dielectric strength is tested to 1000V AC for 1 minute
- 1000 surge suppression protection level in accordance with IEEE-ANSI C12.12
- Mean Time To Failure (MTTF) is 100,000 hours
- Luminaire and lens are tested to withstand 1000 hours of elevated ambient light by conditions as defined in IESNA Standard E-117
- Dielectric strength is tested to 1000V AC for 1 minute
- Mean Time To Failure (MTTF) is 100,000 hours

REGULATORY & VOLUNTARY QUALIFICATIONS

- UL Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when installed without trim flange
- Compliant with CE, EMC, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100

Cree Edge™ LED Security Wall Pack Luminaire

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile, energy-efficient design
- Luminaire is made of rugged die cast aluminum with integral weight-bearing LED driver components and high performance aluminum lens
- Die cast aluminum housing is constructed from rugged die cast aluminum and is secured in place with die cast aluminum trim flange
- Luminaire housing is made from high performance extruded aluminum
- Adjustable lens, 2° to 18° beam spread
- Applications: Parking lots, walkways, corridors, office complexes, and retail displays

ELECTRICAL SYSTEM

- Input Voltage: 120-277V or 277V-480V, 50/60Hz, Class I drivers
- Power Factor: 0.9 or higher
- Total Harmonic Distortion: < 25% (THD)
- Dielectric strength is tested to 1000V AC for 1 minute
- 1000 surge suppression protection level in accordance with IEEE-ANSI C12.12
- Mean Time To Failure (MTTF) is 100,000 hours
- Luminaire and lens are tested to withstand 1000 hours of elevated ambient light by conditions as defined in IESNA Standard E-117
- Dielectric strength is tested to 1000V AC for 1 minute
- Mean Time To Failure (MTTF) is 100,000 hours

REGULATORY & VOLUNTARY QUALIFICATIONS

- UL Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when installed without trim flange
- Compliant with CE, EMC, RoHS, REACH, WEEE, PSE, CCC, FCC, EMC, CE, CB, SAA, BSMI, KC, UKCA, UKCA2, UKCA3, UKCA4, UKCA5, UKCA6, UKCA7, UKCA8, UKCA9, UKCA10, UKCA11, UKCA12, UKCA13, UKCA14, UKCA15, UKCA16, UKCA17, UKCA18, UKCA19, UKCA20, UKCA21, UKCA22, UKCA23, UKCA24, UKCA25, UKCA26, UKCA27, UKCA28, UKCA29, UKCA30, UKCA31, UKCA32, UKCA33, UKCA34, UKCA35, UKCA36, UKCA37, UKCA38, UKCA39, UKCA40, UKCA41, UKCA42, UKCA43, UKCA44, UKCA45, UKCA46, UKCA47, UKCA48, UKCA49, UKCA50, UKCA51, UKCA52, UKCA53, UKCA54, UKCA55, UKCA56, UKCA57, UKCA58, UKCA59, UKCA60, UKCA61, UKCA62, UKCA63, UKCA64, UKCA65, UKCA66, UKCA67, UKCA68, UKCA69, UKCA70, UKCA71, UKCA72, UKCA73, UKCA74, UKCA75, UKCA76, UKCA77, UKCA78, UKCA79, UKCA80, UKCA81, UKCA82, UKCA83, UKCA84, UKCA85, UKCA86, UKCA87, UKCA88, UKCA89, UKCA90, UKCA91, UKCA92, UKCA93, UKCA94, UKCA95, UKCA96, UKCA97, UKCA98, UKCA99, UKCA100

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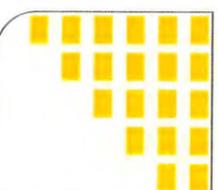
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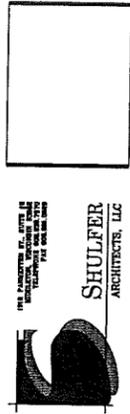
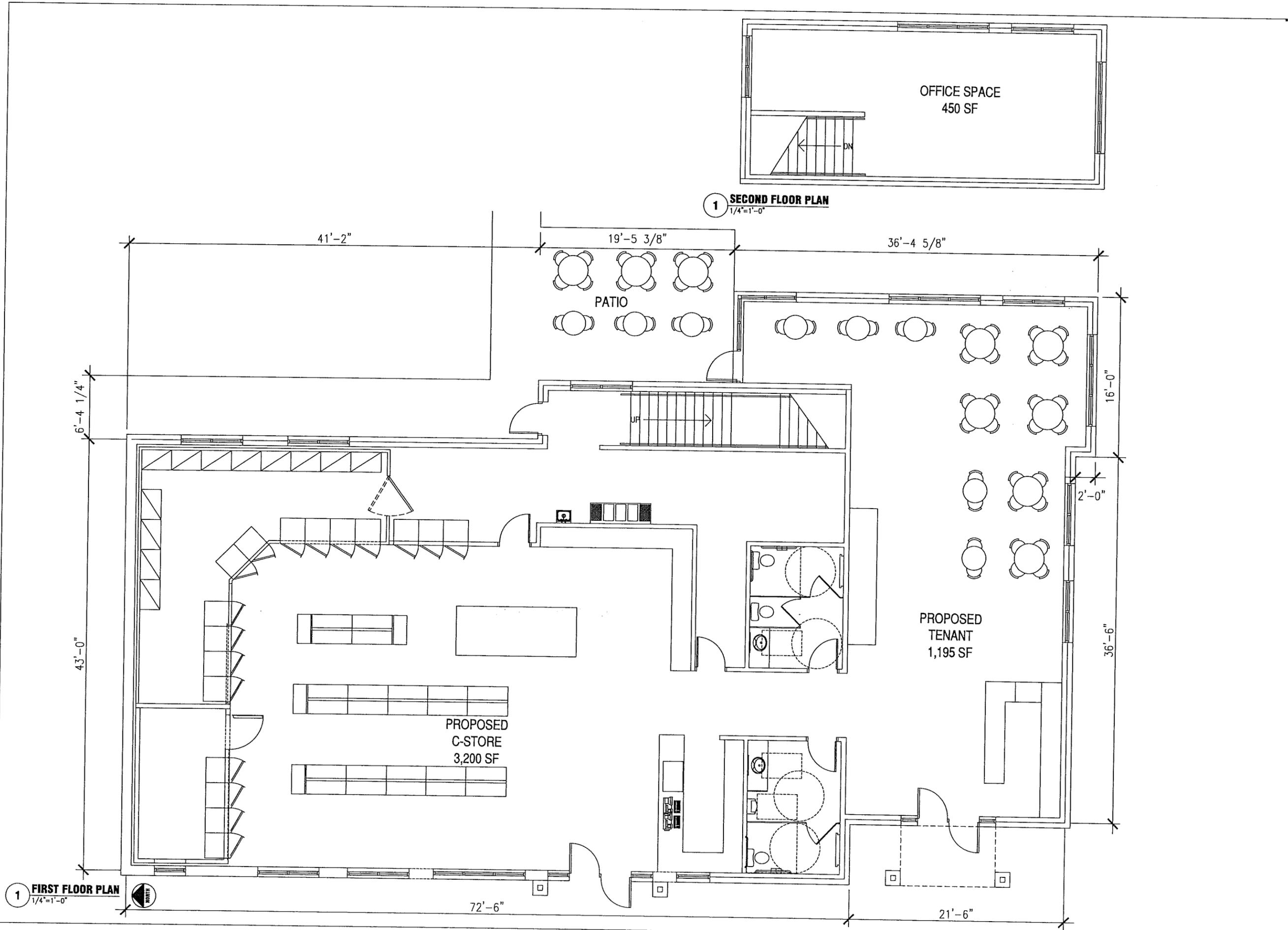
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NEW GAS STATION
 4814 FREEDOM RING RD.
 MADISON, WI

FLOOR PLAN

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

A2.1



SIGNABLE AREA: 144.5 SF (17'-0" x 8'-6")
SIGN AREA @ 40%: 57 SF MAX

EQUIPMENT SCREENED BEHIND
PARAPET WALL

126'-0"
ROOF RIDGE

120'-6"
2ND FLOOR TRUSS BEARING

118'-0"
ROOF RIDGE

112'-0"
TRUSS BEARING - COMPOSITE

100'

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



NEW GAS STATION

4814 FREEDOM RING RD.
MADISON, WI

EXTERIOR ELEVATIONS

08/14/16
PC SUBMITTAL

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



SIGNABLE AREA: 150 SF (20'-0" x 7'-6")
SIGN AREA @ 40%: 60 SF MAX

126'-0"
ROOF RIDGE

120'-6"
2ND FLOOR TRUSS BEARING

118'-0"
ROOF RIDGE

112'-0"
TRUSS BEARING - COMPOSITE

100'

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



NEW GAS STATION

4814 FREEDOM RING RD.
MADISON, WI

EXTERIOR RENDERING

06/14/16
PC SUBMITTAL

