

# URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:

http://www.cityofmadison.com/planning/documents/UDCapplication.pdf

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

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

Date Submitted: April 29, 2015	Informational Presentation
UDC Meeting Date: May 6, 2015	Initial Approval
Combined Schedule Plan Commission Date (if applicable):	Final Approval
1. Project Address: 710 E MIFFLIN ST & 124 N LIVINGS	TON ST
Project Title (if any): VERITAS VILLAGE	
2. This is an application for (Check all that apply to this UDC application	ion):
🛛 New Development 🗌 Alteration to an Existing or	Previously-Approved Development
Suburban Employment Center (SEC) or Campus Insti	ee) Mixed-Use District (UMX) (\$150 fee, Minor Exterior Alterations) tutional District (CI) or Employment Campus District (EC)
<ul> <li>Planned Development (PD)</li> <li>General Development Plan (GDP)</li> <li>Specific Implementation Plan (SIP)</li> <li>Planned Multi-Use Site or Planned Residential Comp</li> </ul>	lex
B. Signage:	
<ul> <li>Comprehensive Design Review* (public hearing-\$300 fee)</li> <li>Signage Exception(s) in an Urban Design District (publ</li> <li><u>C. Other</u>:</li> <li>Please specify:</li> </ul>	
3. Applicant, Agent & Property Owner Information:	
Applicant Name: VERITAS VILLAGE, LLC	Company: VERITAS VILLAGE, LLC
Street Address: P.O. Box 602237	City/State: MADISON, WI Zip: 53703
Telephone:( <u>608</u> ) 826-4000 Fax:()	Email: TERRENCE@TWALLENTERPRISES.COM
Project Contact Person:         JOSEPH LEE           Street Address:         2418 CROSSROADS DRIVE - SUITE 2300	_ Company:
Telephone:( <u>608</u> ) <u>826-4000</u> Fax:()	Email:
Project Owner (if not applicant) :	-
Street Address:	City/State:Zip:Zip:
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 <u>HEATHER STOUDER</u>

\_\_\_\_\_ on \_\_\_\_ VARIOUS (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	VERITAS VILLAGE, LLC	Relationship to Property	OWNER
Authorized Signature		Date 2/27/15	
	Ferrence R. Wall,		

President of its Manager

### JOSEPH LEE + ASSOCIATES, LLC 2418 Crossroads Drive, Suite 2300 Madison, Wisconsin 53718 608.241.9500



## Letter of Intent Veritas Village Land Use Application

Veritas Village is a multi-family residential development, to be located at the intersection of East Livingston Street and Mifflin Street on the city's near east side at 710 East Mifflin Street. The proposed project consists of a new four (4) story multi-family building containing 189 dwelling units in total. The four stories of residential space are above a single level of parking that extends out from the footprint of the building above to allow for the desired parking ratio of 1.0 spaces per dwelling unit (the achieved parking ratio of the project is 1.02 stalls/unit). The project provides a total of 192 vehicle parking spaces (all covered) and a total of 214 bicycle parking spaces are also provided. The area of the site is approximately 97,865 SF, or 2.247 acres. The existing site is currently occupied by the Reynolds Crane Company. The majority of the existing site is a paved lot used for the operations of the Reynolds Crane Company.

The newly developed site would be made up of a single building, associated drives and surface parking. The pedestrian experience was studied extensively in the development of this project. The massing is comprised of several street edge courtyards along Mifflin and Dayton Street that minimize the building mass's impact. By incorporating terraced landscape plantings at each of these courtyards the overall streetscape of the neighborhood is also significantly enhanced.

The building is 4 stories in height along each Mifflin, Dayton, and Livingston Street, but through a series of step backs at the 4<sup>th</sup> floor the project feels much more like a 3 story building. Along Livingston Street the building's height was reduced near the middle of the block by way of a lowered connection between the two "wings" to give the perception of two separate buildings. There is a common roof deck on the 3<sup>rd</sup> floor of the project that would provide stunning views back towards the capitol. A large interior communal courtyard with ample outdoor space, a pool, and sun deck also will bring a unique experience.

The building shall be concrete construction for the lower level parking garage with wood framed construction for the residential floors above. The exterior building materials will all be of high quality; consisting of cast stone veneer, composite fiber cement siding, vinyl windows and doors, as well as ample brick masonry.

The proposed project schedule has construction commencing in the summer of 2015 with completion in the fall of 2017. The construction the building will be slightly

staggered, and the completion of total project build-out shall depend on market conditions.

To date, the project team has met with the Tenney-Lapham Neighborhood Association, Alderperson Ledell Zellers, and City Planning staff numerous times as part of a collaborative effort to design a project that attempts to meet the needs and desires of the various stakeholders as well as the needs of the developer.

The project team currently consists of Veritas Village, LLC (developer), JLA Architects + Planners (architecture/design), Vierbicher Associates, Inc. (civil engineering), and The Bruce Company (landscape architecture).

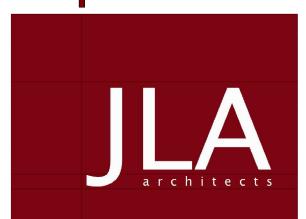
Regards,

Joseph M. Lee, AIA JLA Architects + Planners

# VERITAS VILLAGE

# MADISON, WISCONSIN

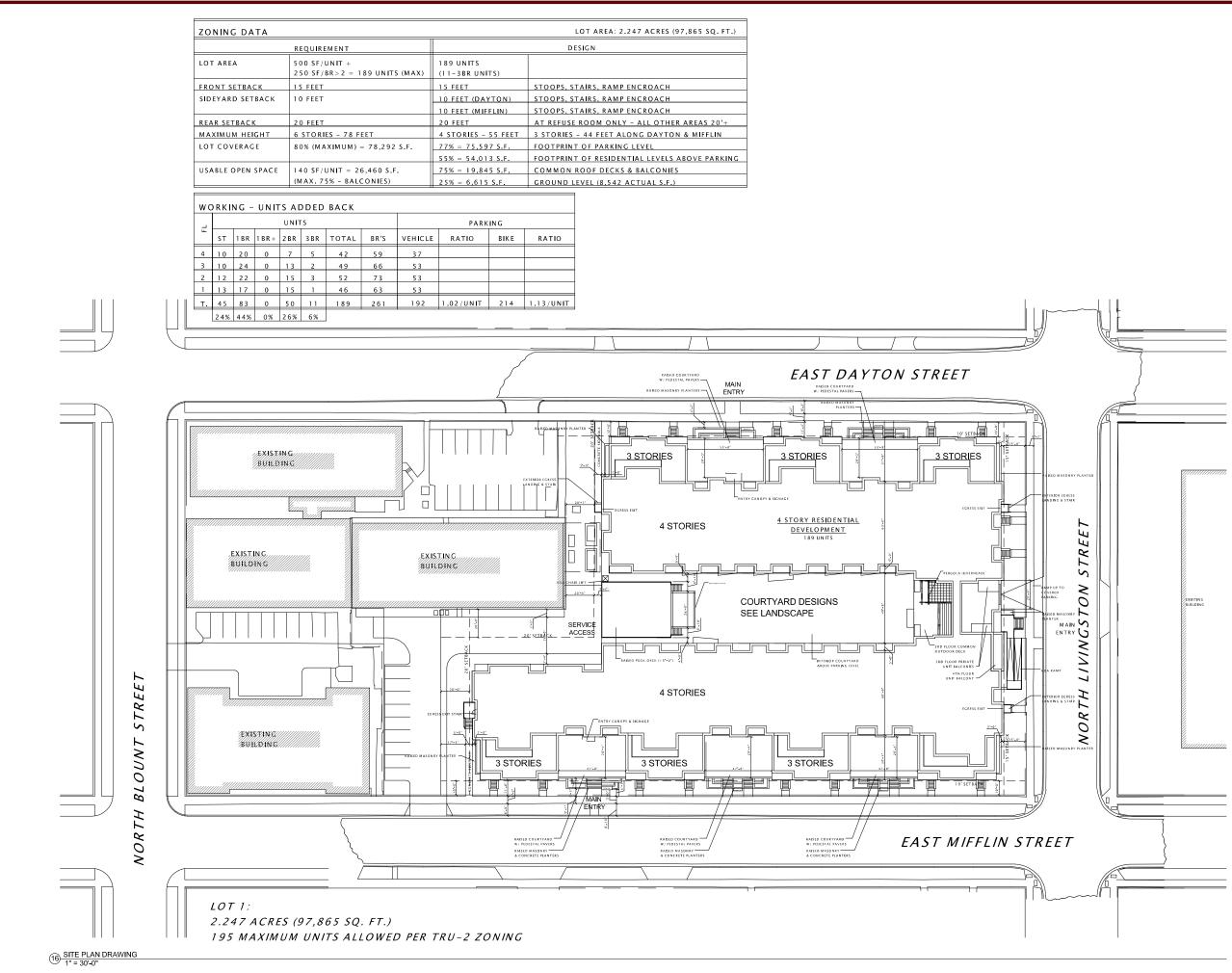


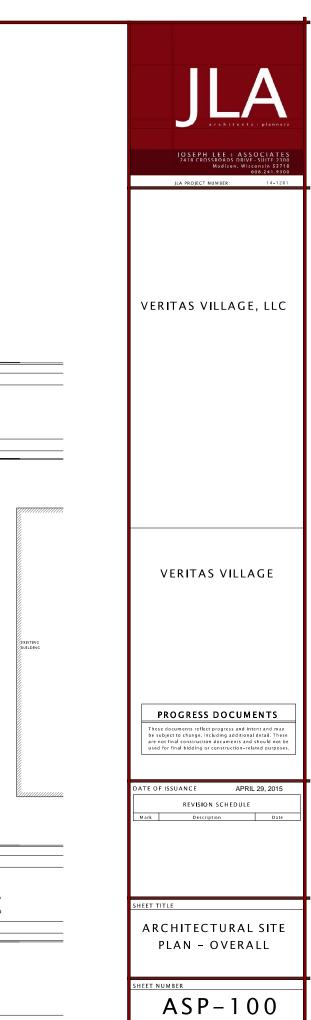


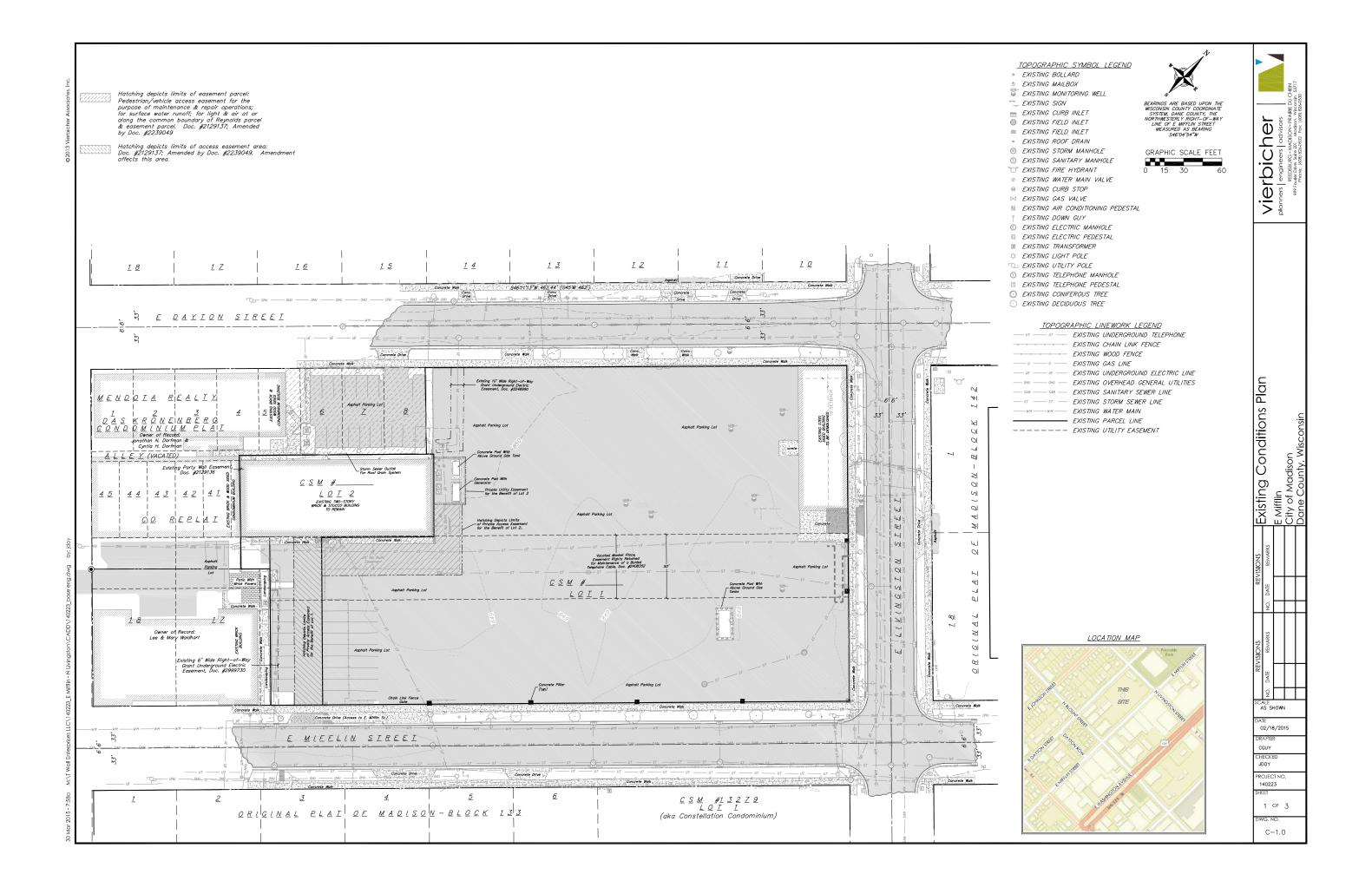
JLA PROJECT NUMBER: 14-1201

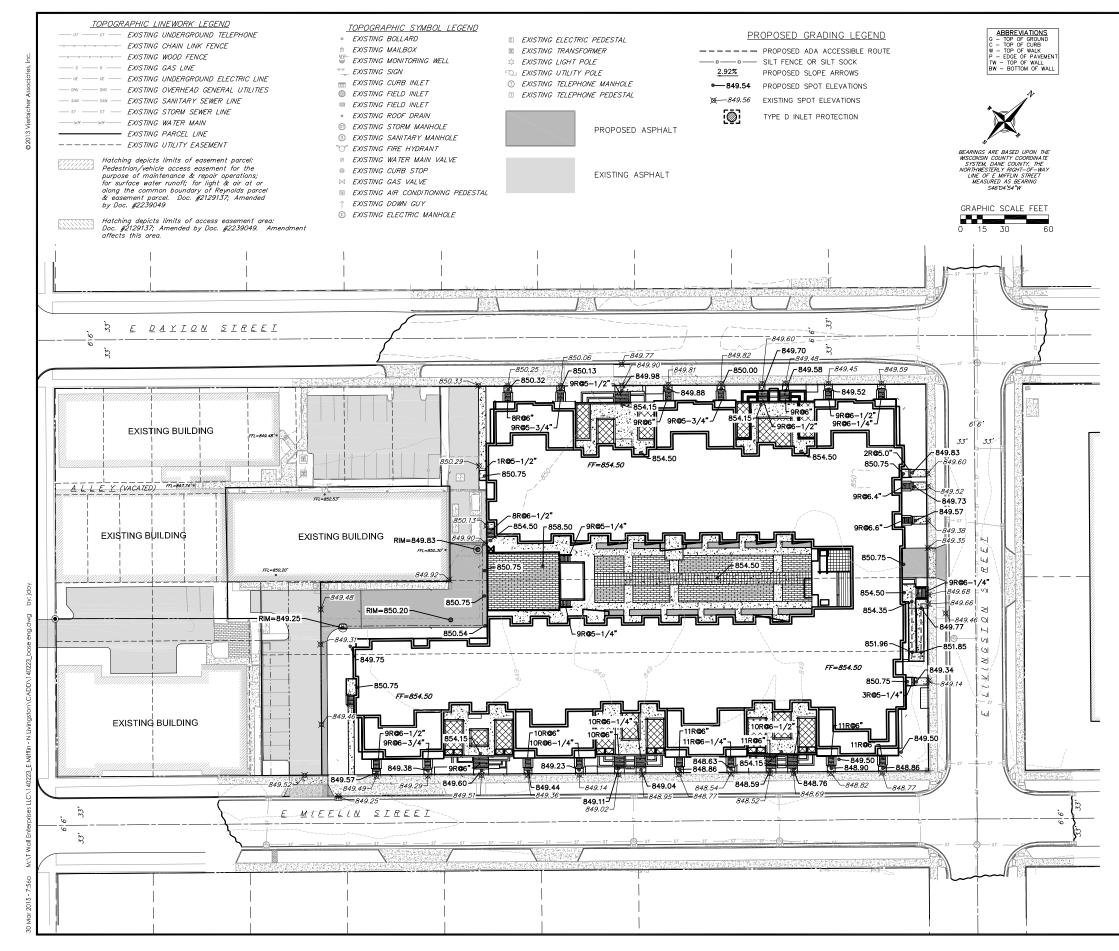
# UDC Submittal

APRIL 29, 2015





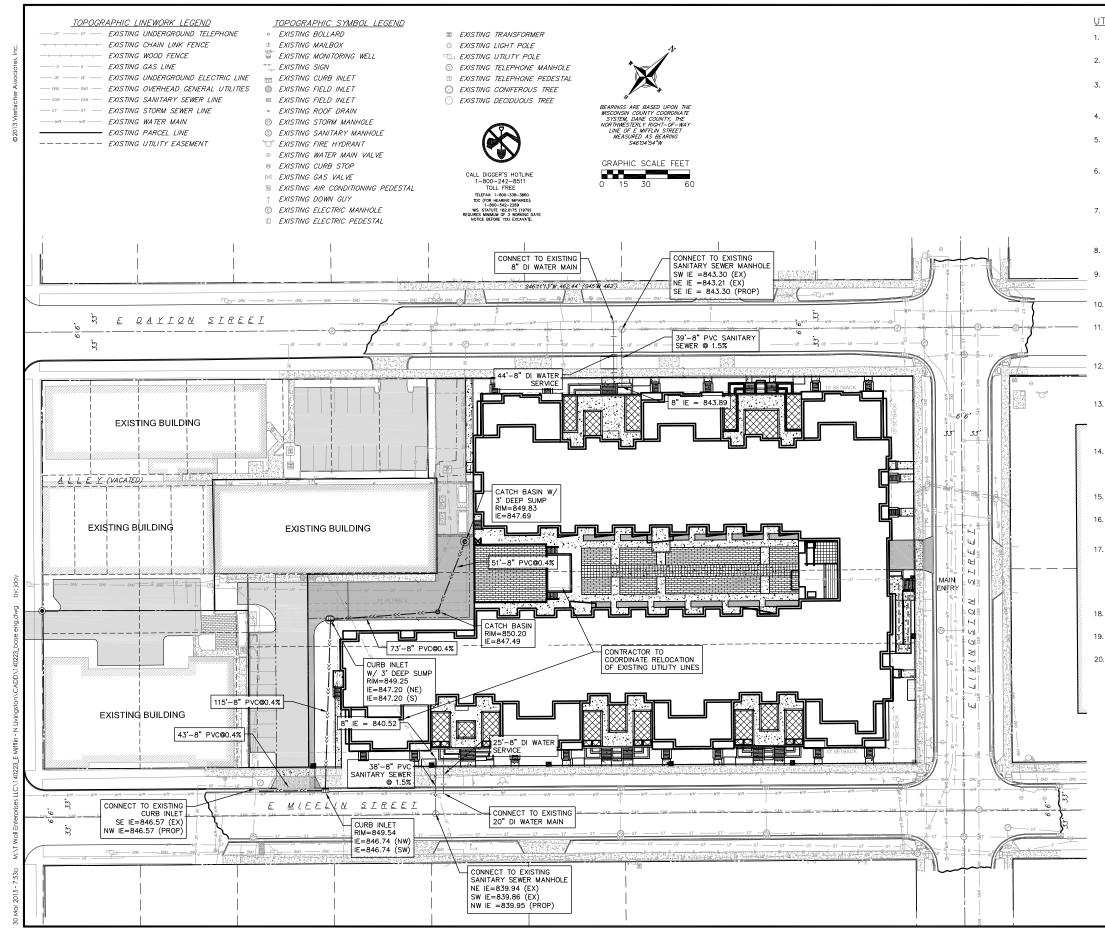




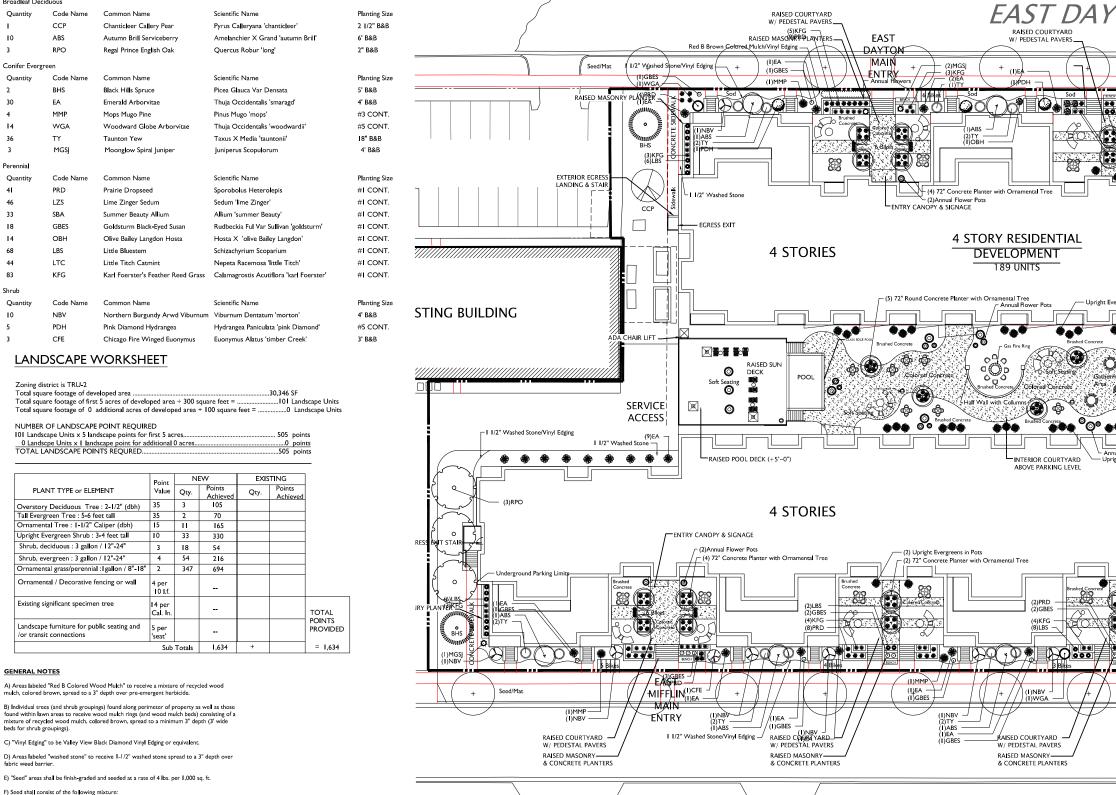
GENERAL NOTES:

- CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
- ALL ABANDONED DRIVEWAYS ADJACENT TO THE SITE SHALL BE REPLACED WITH CURB AND THE TERRACE SHALL BE RESTORED WITH GRASS.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, WORK IN RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
- 4. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
- 5. CONTRACTOR TO RELOCATE EXISTING UNDERGROUND TELEPHONE LINE.

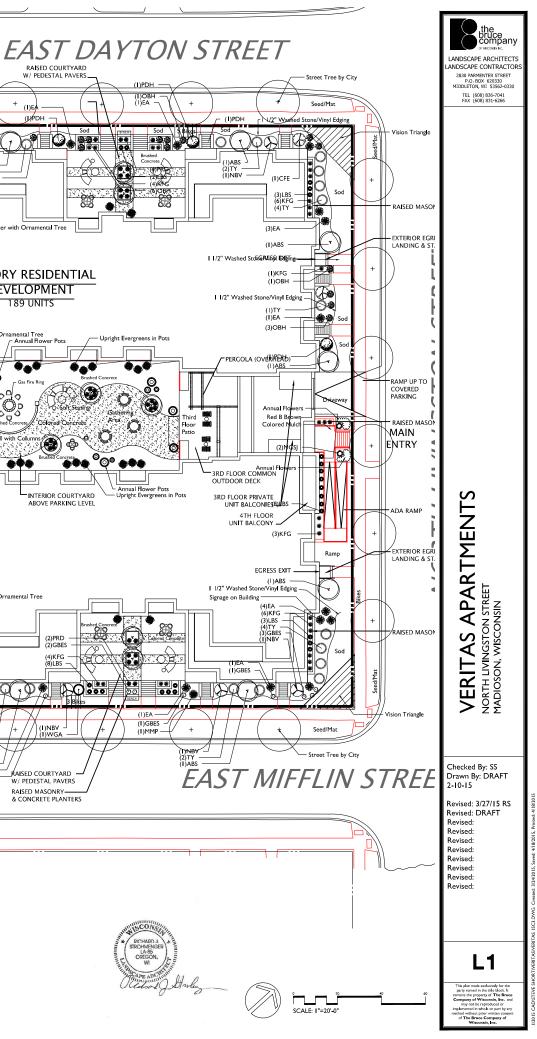




						_
JT	TILITY NOTES					
•	CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.			$\geq$	N L	
	CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS).	-			AIRIE DU CHIEN Wisconsin 53717	26-0530
i.	FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.		_ (1)	advisors	DN - PRAIR	Fax: (608) 8
	STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE $384.30-6$ OF SPS $384.30(3)(c)$ .	-	Č		- MADISC	826-0532
	PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).	·		engineers	REEDSBURG - MADISON - PRAIRE I Fourier Drive, Suite 201 Modison, Wisco	none: (608)
•	PRIVATE SANITARY SEWER LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).	.	<u>&lt;</u>	planners e	R 899 Enur	, i
•	A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS $382.10(11)(h)$ AND SPS $382.40(8)(k)$ .					
	EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS $382.40(8)(b.)$ .					
•	NO PERSON MAY ENGAGE IN WORK AT PLUMBING IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.					
0.	ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.					
1.	SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE AND EXACT LOCATION OF PROPOSED SANITARY AND WATER LATERALS.					
2.	CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.					
3.	PROPOSED UTILITY SERVICE LINES AS SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.					.u
4.	CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.				n	<u>County, Wisconsin</u>
5.	EXISTING WATER AND SANITARY LATERALS MUST BE PROPERLY ABANDONED PER CITY REQUIREMENTS.	2	5		adisa	, htt
6.	CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.		- ^ -	E Mifflin	of Mc	e Co
7.	THE DEVELOPER SHALL INSTALL THE 3M <sup>™</sup> ELECTRONIC MARKER SYSTEM (EMS) 4" EXTENDED RANGE 5' BALL MARKERS-WASTEWATER (MODEL #1404-XR) FOR EACH SANITARY AND STORM SEWER LATERALS. THE CITY SHALL SUPPLY ALL THE REQUIRED MARKERS TO THE DEVELOPER OR ITS CONTRACTOR (GENERALLY REQUIRES 2 PER LATERAL) AND THE CONTRACTOR SHALL INSTALL THEM PER THE MANUFACTURER'S REQUIREMENTS OR AS DIRECTED BY THE CITY ENGINEER.	IL+:	REMARKS	E MI	City	Dane
8.	PRIOR TO DEMOLITION, CONTRACTOR SHALL NOTIFY THE MADISON WATER UTILITY TO REMOVE THE WATER METERS.	REVISIONS	8			
9.	EXISTING WELLS SHALL BE ABANDONED PER CITY AND STATE REGULATIONS.		, DATE			
0.	SANITARY SEWER TO HAVE UTILITY TRENCH SEALS TO PROTECT FROM GROUNDWATER.		Ô	$\square$		_
		NS	REMARKS			
		REVISIONS	RE			
		~	DATE			
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		DA	TE	/2015		-
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			C-	-3.0	)	



TRU-2 ZONING



Public Works Construction w.cityofmadison.com/business/pw/documents/StdSpecs/2013/Part1.pd

K) Contractor shall contact City Forestry (608)266-4816 at least one week prior to installing street trees to schedule inspecting the nursery stock and reviewing landscaping specification with the landscaper.

J) Existing street trees shall be protected. Contractor shall install tree protection fencing in the area between the curb and sidewalk and extend it at least 5 feet from both sides of the tree along the length of the terrace. No excavation is permitted within 5 feet of the outside edge of the tree trunk. If Excavation within 5 feet of any tree is necessary, contractor shall contact City Forestry (608)266-481 6 prior to excavation to assess the impact to the tree and root system. Thee pruning shall be coordinated with City Forestry. Tree protection specifications can be found in section 107.13 of City of Madison Standard specifications for Public Works, Constructions.

G) Areas labeled "Seed/Mat" Shall be seeded with the above-noted premium lawn seed mixture and overlaid with Class I erosion control netting that is 100% biodegradable then pegged into the soil with biodegradable staples.

H) Areas labeled "Sod" shall receive only No. I grade nursery-grown bluegrass sod.

I) Plant beds adjacent to building foundation to be mulched with 1-1/2" diameter washed stone mulch spread to a 3" depth over fabric weed barrier.

Plant Material List

Broadleaf Deciduous

Conifer Evergree

10

Ou

4

Perennia

Quantity

4

33

14

83

Shrub

10

Ouanti

CCP

ABS

RPO

Code Na

BHS

EA

MMI

WGA

MGSJ

PRD

LZS

SBA

GBES

OBH

LBS

LTC

KEG

NBV

PDH

CFE

or transit connection

GENERAL NOTES

beds for shrub groupings).

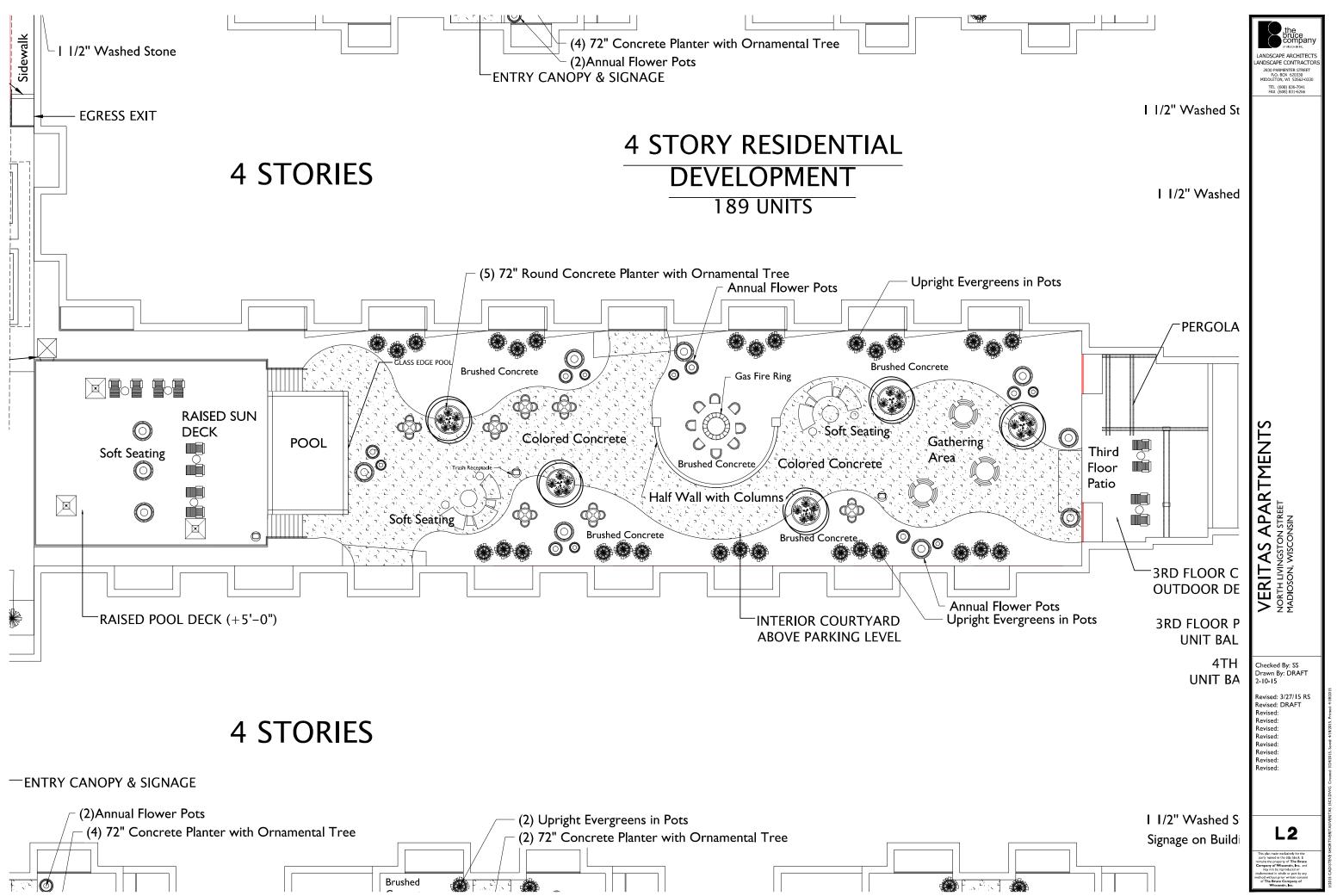
eed shall consist of the following mix 10% Palmer IV Perennial Ryegrass 20% Dragon Kentucky Bluegrass 20% Toxy II Creeping Red Fescue 15% Vail II Perennial Ryegrass 15% Ginney Kentucky Bluegrass

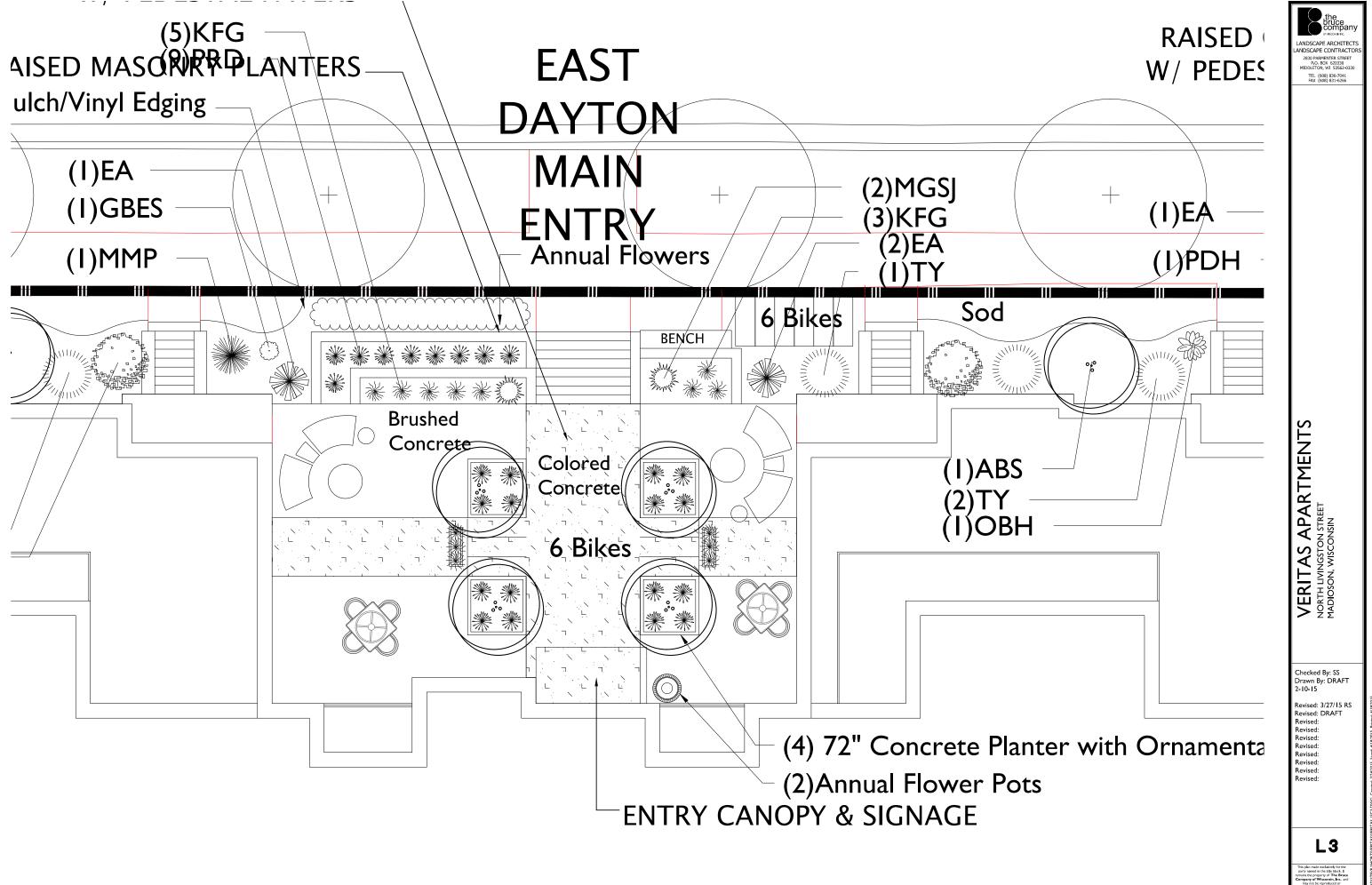
fabric weed barrier

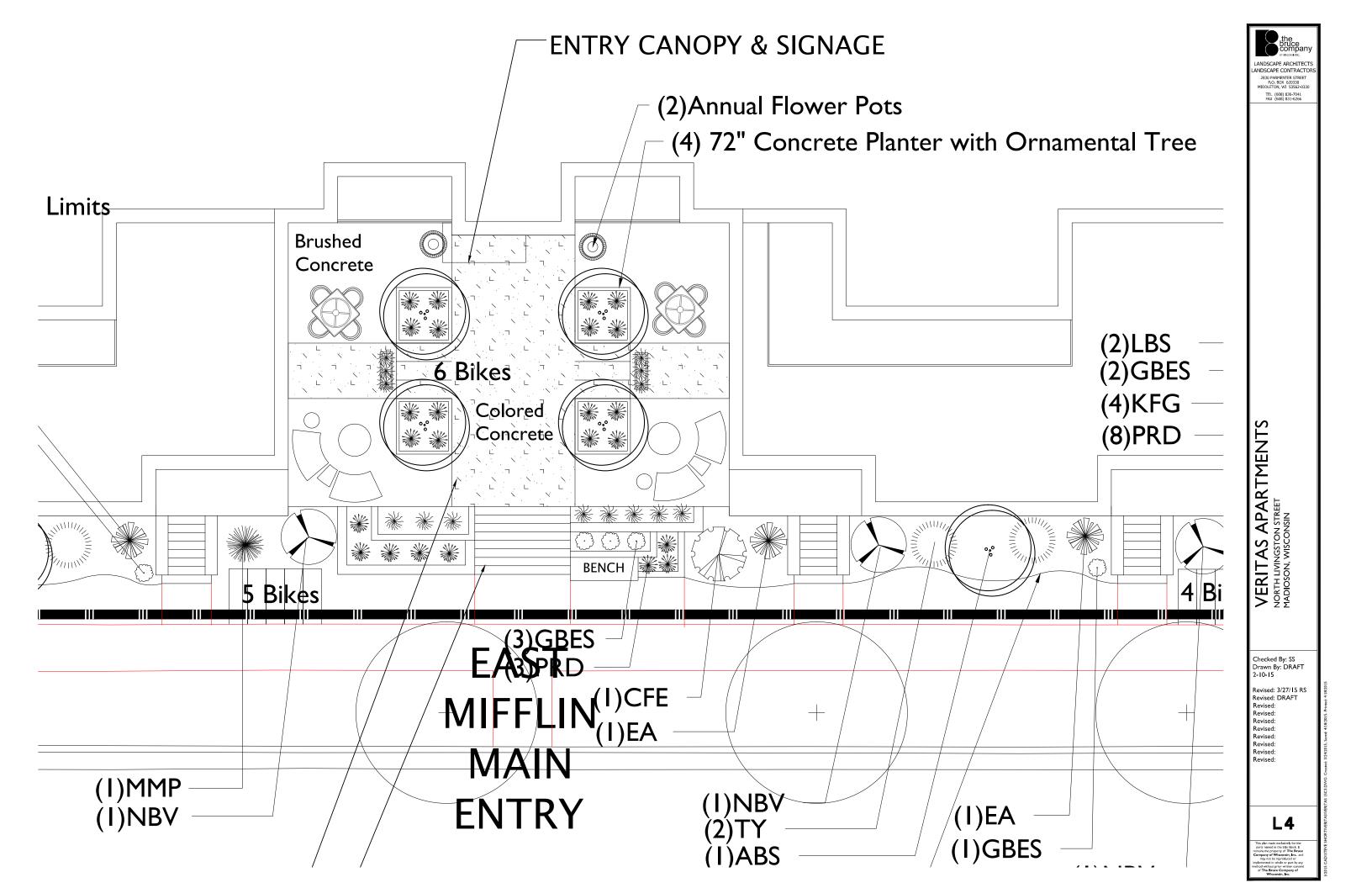
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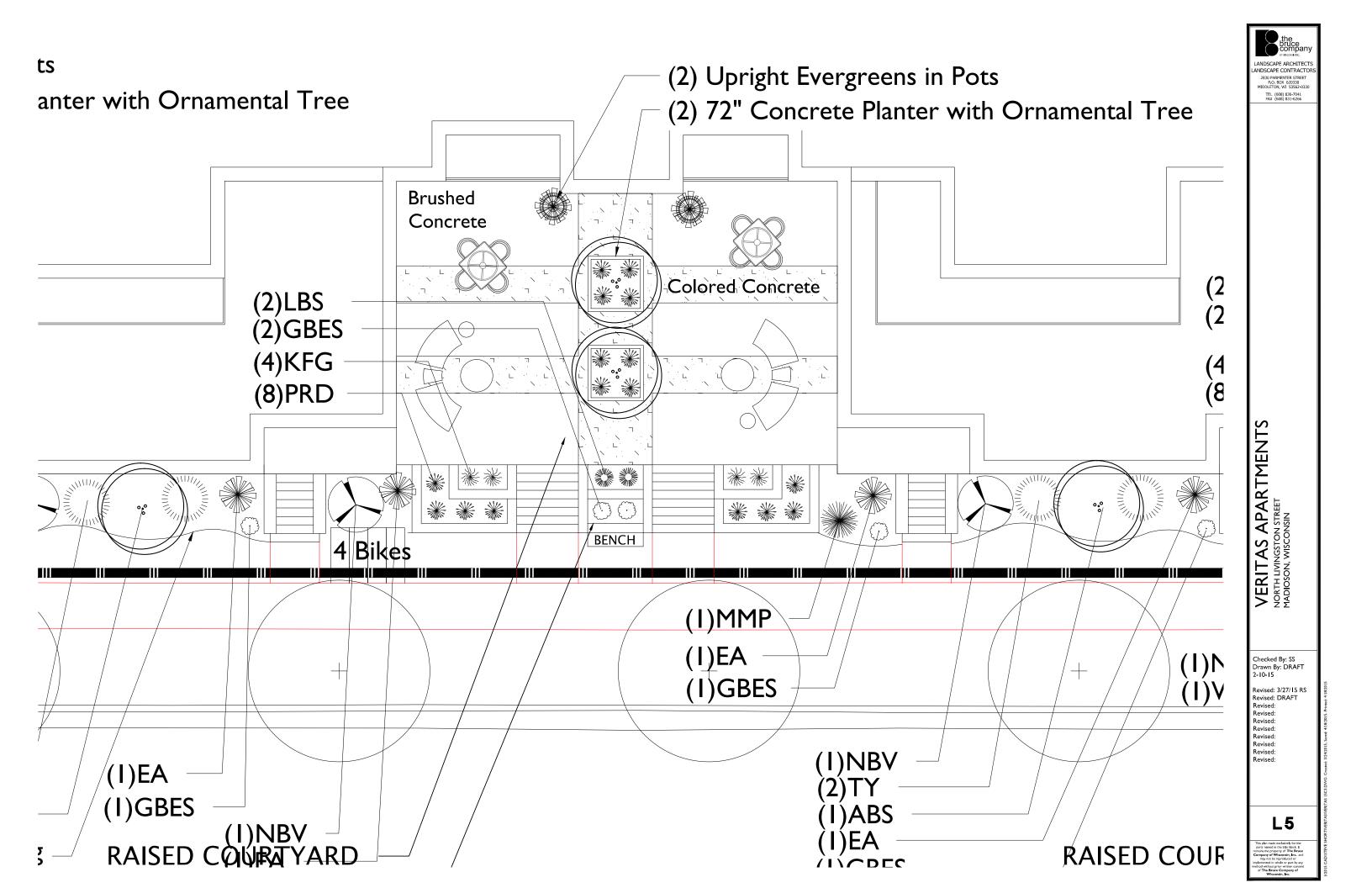
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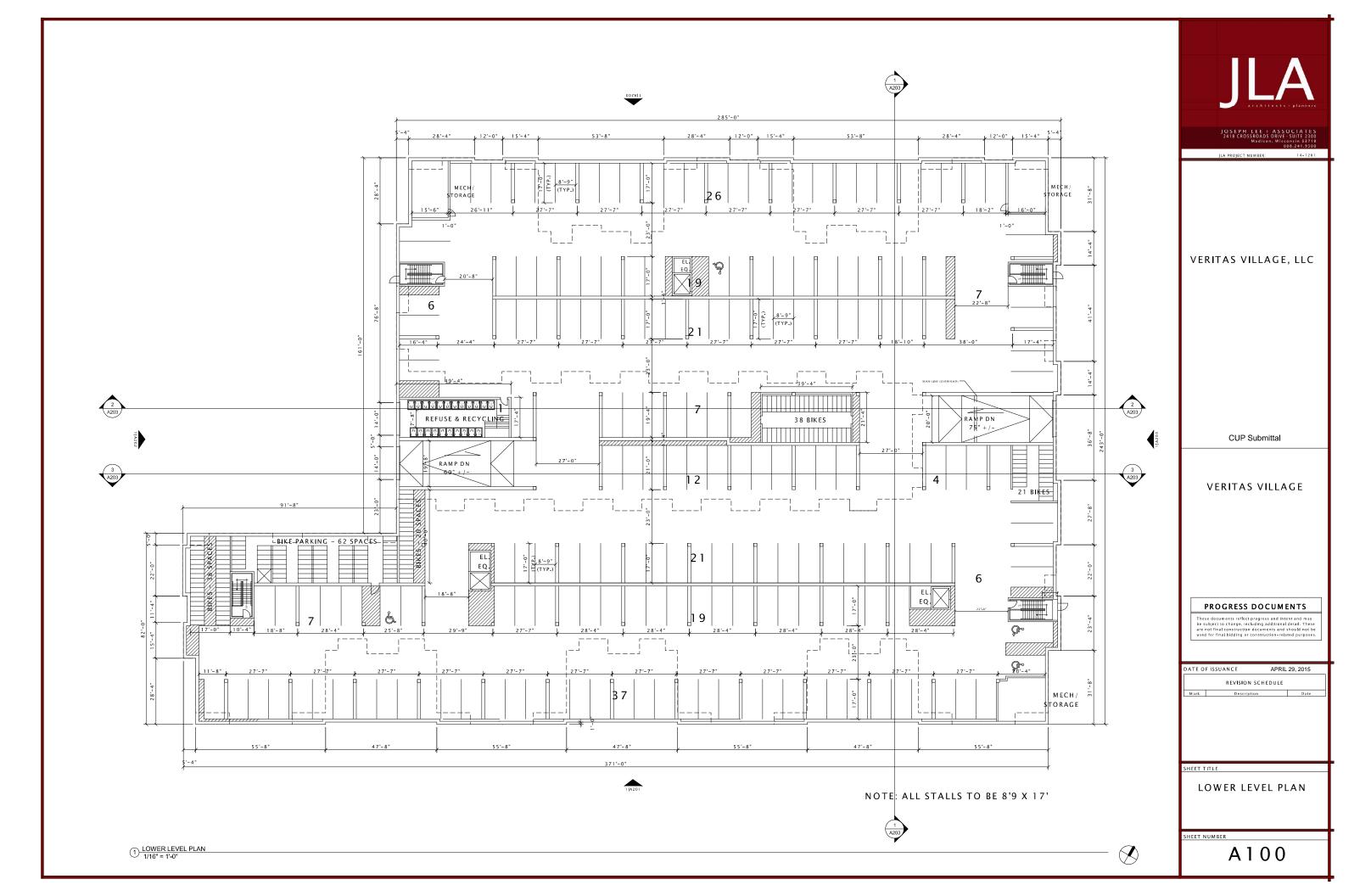
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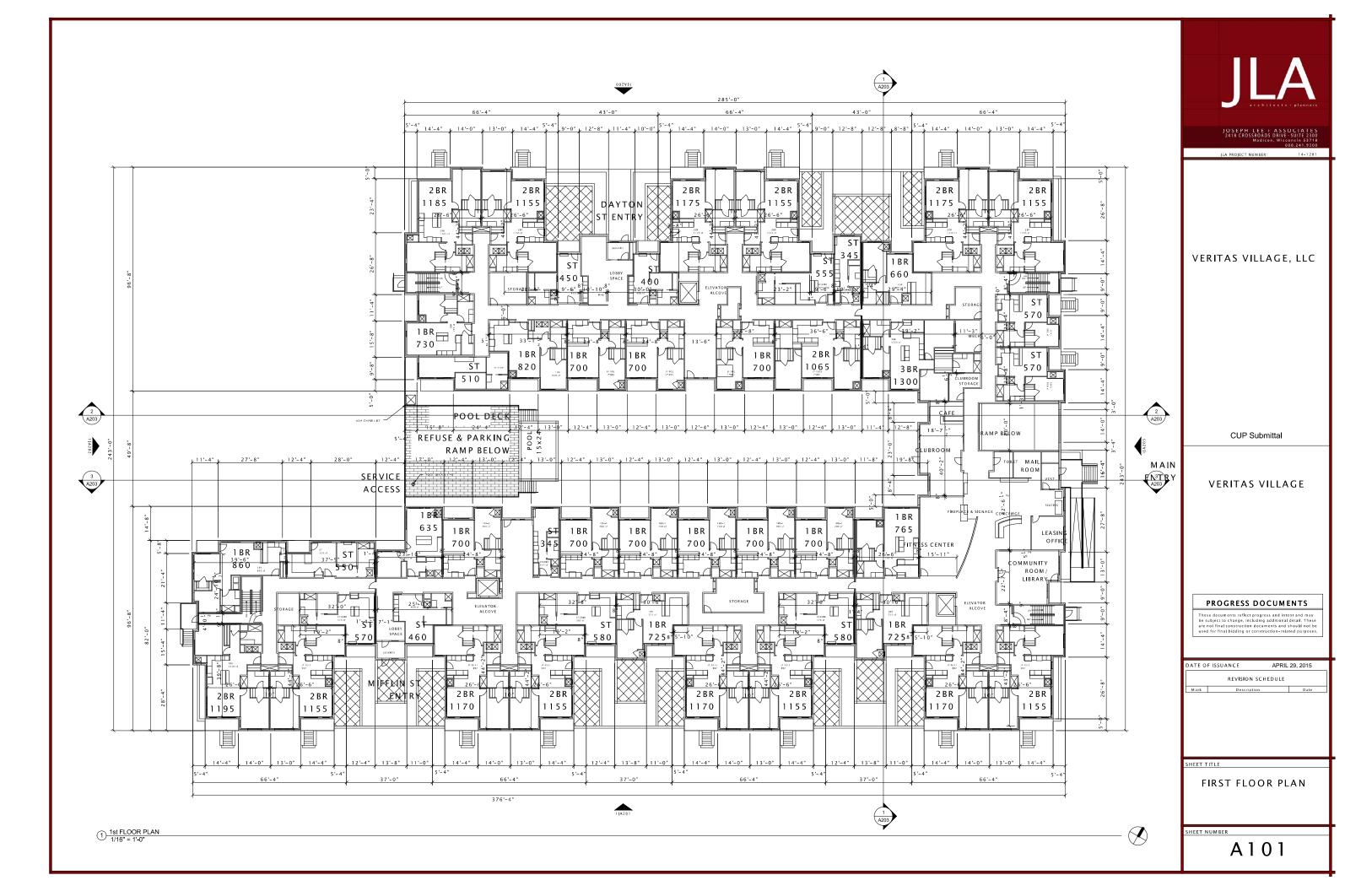


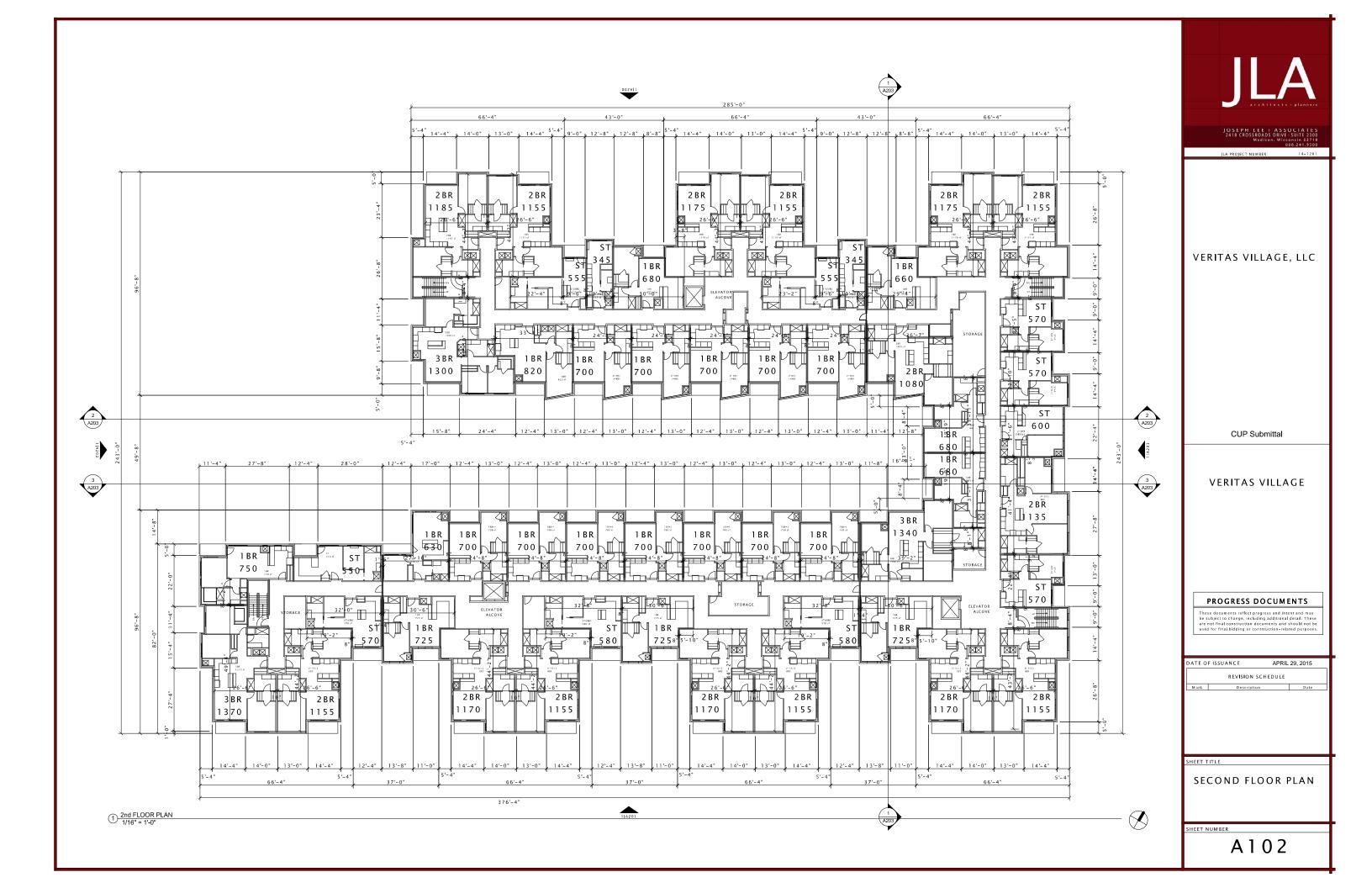


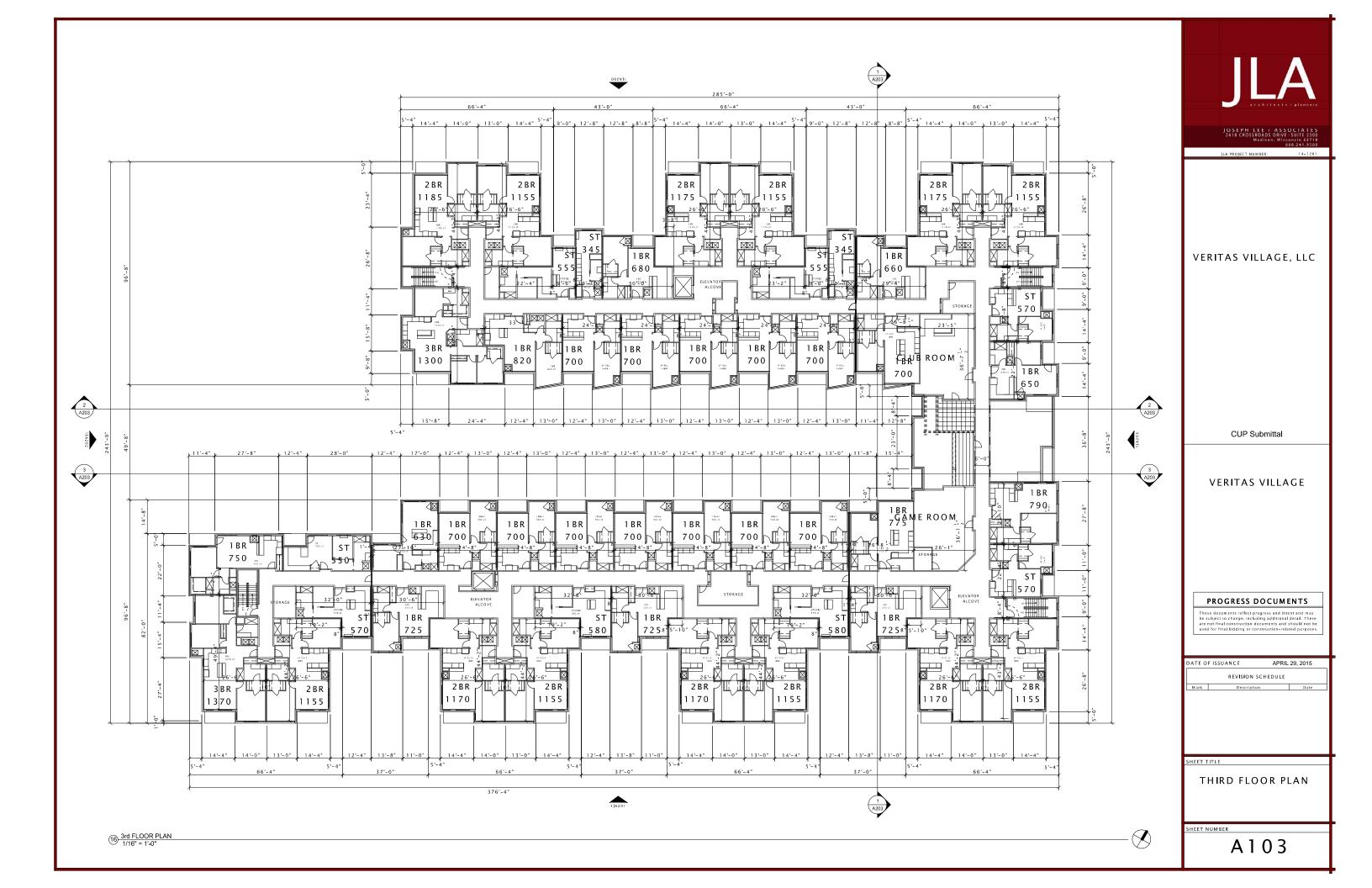


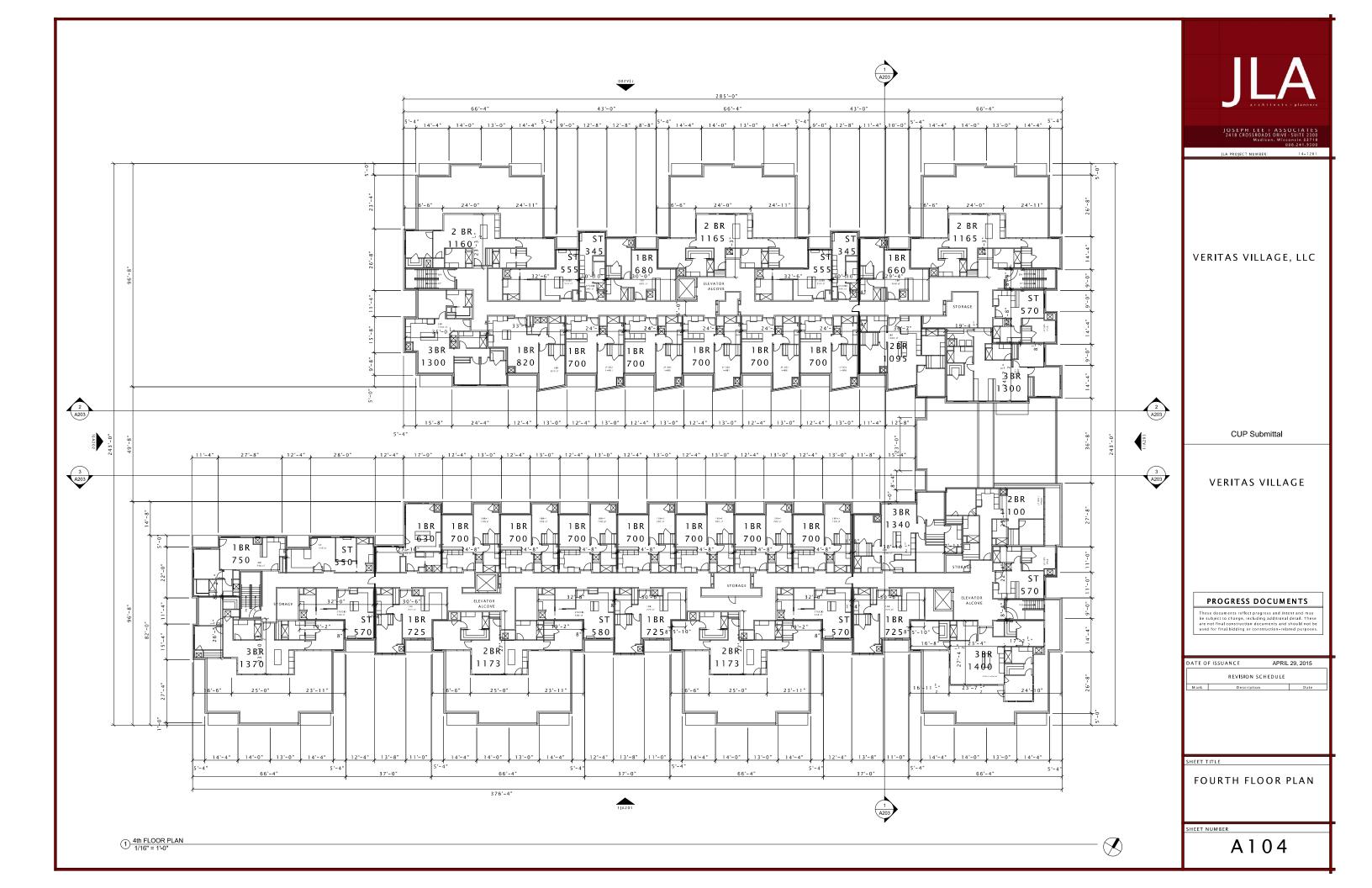














Dayton Street Elevation 1/16" = 1'-0"







## JOSEPH LEE + ASSOCIATES 2418 CROSSROADS DRIVE - SUITE 2300 Madison, Wisconsin 53718 JLA PROJECT NUMBER:

### VERITAS VILLAGE, LLC

VERITAS VILLAGE

PROGRESS DOCUMENTS

hese documents reflect progress and intent and may subject to change, including additional detail. These e not final construction documents and should not be ed for final bidding or construction-related purposes.

APRIL 29, 2015

Date

DATE OF ISSUANCE

REVISION SCHEDULE Mark Description

SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER





1/16" = 1'-0"





3 Mifflin Street Courtyard Enlarged Elevation 1/8" = 1'-0"

COMPOSITE HORIZONTAL SIDING #1

BUILDING SIGNAGE





## JOSEPH LEE + ASSOCIATES 2418 CROSSROADS DRIVE - SUITE 2300 Madison, Wisconsin 53718 JLA PROJECT NUMBER:

VERITAS VILLAGE, LLC

CUP Submittal

### VERITAS VILLAGE

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SHEET NUMBER





## 2 Livingston Street Elevation 3/32" = 1'-0"





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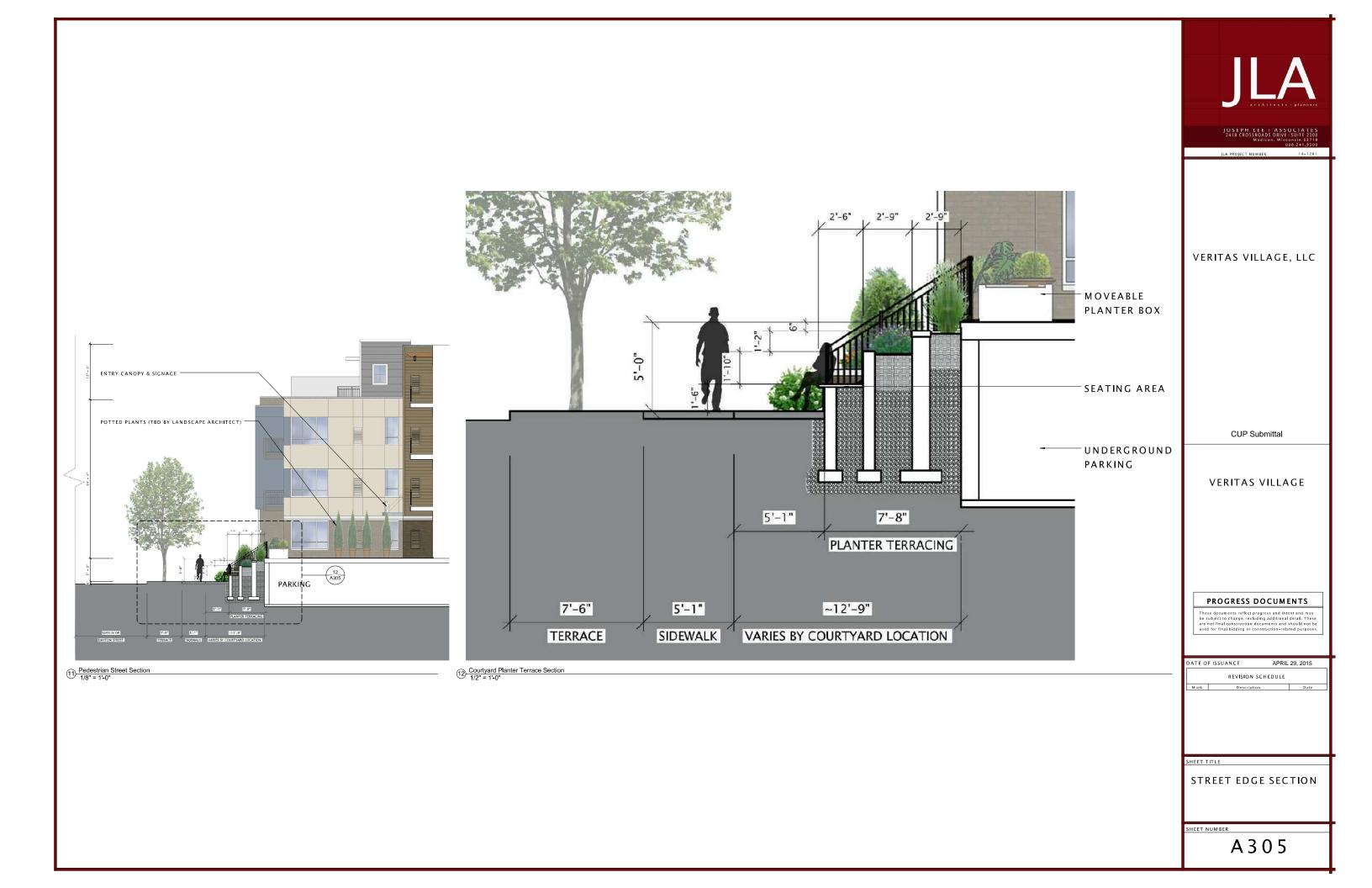
Date

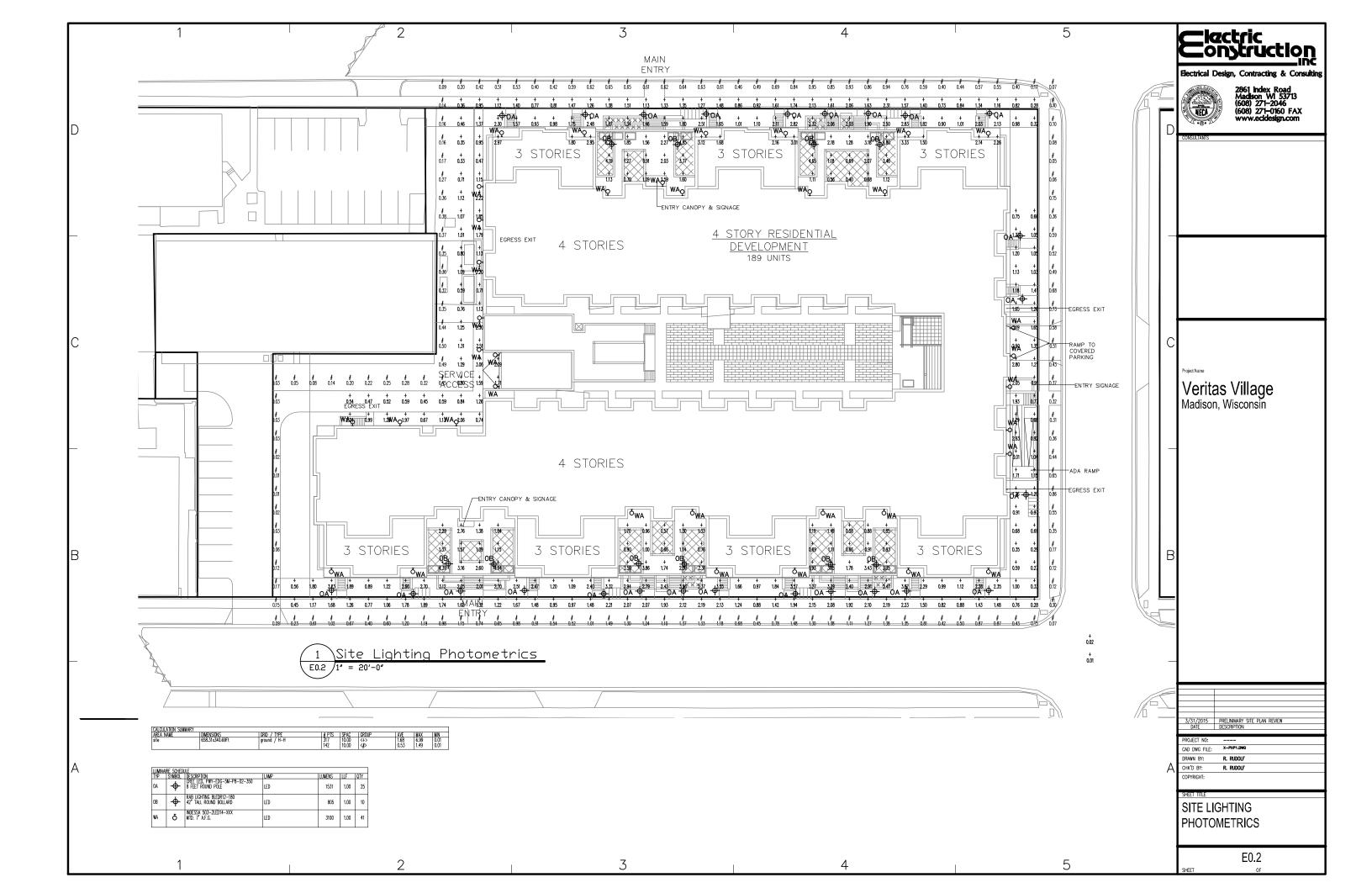
SHEET TITLE



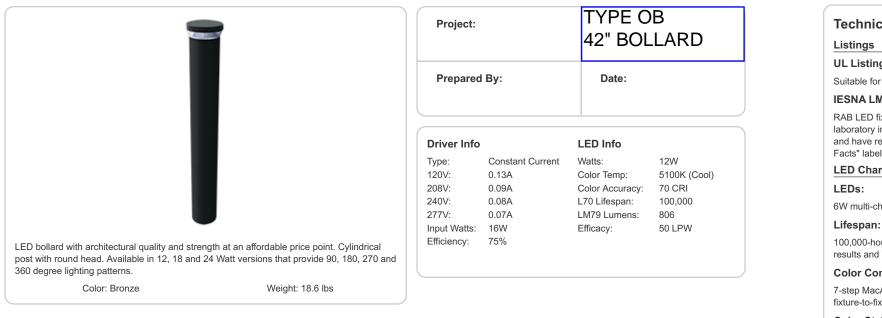
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## **BLEDR12-180**



# **BLEDR12-180**

RAE

#### **Technical Specifications** Construction UL Listing: Ambient Temperature: Suitable for wet locations. IESNA LM-79 & IESNA LM-80 Testing: **Cold Weather Starting:** RAB LED fixtures have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, **Thermal Management:** and have received the Department of Energy "Lighting Facts" label. **LED Characteristics** 6W multi-chip, long-life LEDs Housing: shaft 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations Lens: Color Consistency: 7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color. **Color Stability:** LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

#### **Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011

### Electrical

#### Driver:

Constant Current, Class2, 100-277V, 50/60 Hz, 4kV Surge Protection, 100-240VAC 0.3-0.15 A, 277VAC 0.3 A.

THD:

11.1% at 120V

#### **Technical Specifications (continued)**

#### Other

#### **Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

**GSA Schedule:** 

# Suitable in accordance with FAR Subpart 25.4

# Gaskets:

Mounting:

Gaskets:

**Reflector:** Specular polycarbonate



Suitable for use in 40°C (104°F) ambient temperatures

Minimum starting temperature is -40°F/-40°C

Cast aluminum Thermal Management system for optimal heat sinking. The BLED is designed for cool operation, maximum efficiency and long life by minimizing LED junction temperature.

Die-cast aluminum with extruded aluminum bollard

Clear, vandal-resistant polycarbonate

Four (4) anchor bolts provided for concrete pad mounting. Internal base support has leveling screws.

High-temperature silicone gaskets seal out moisture gaskets seal out moisture

High-temperature silicone gaskets seal out moisture

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

#### Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Other

#### California Title 24:

BLEDR12 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts when used with a photosensor control. Select catalog number PCS900(120V) or PCS900/277 to order a photosensor.

#### Patents:

The design of BLED is protected by patents pending in US, Canada, China, Taiwan and Mexico.

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

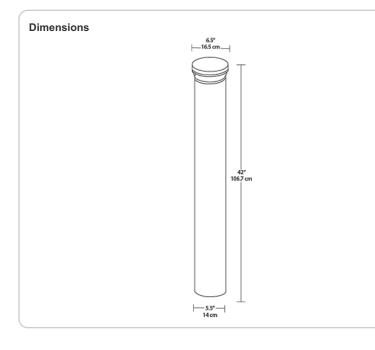
#### **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

# **BLEDR12-180**



# RAB

Features

glare

Patent-pending base mount design for super sturdy installation

Durable construction and vandal-resistant polycarbonate lens 3 configurations to provide 360°, 270°, 180° or 90° lighting pattern

Four leveling screws provided for easy installation

100,000-hour LED lifespan

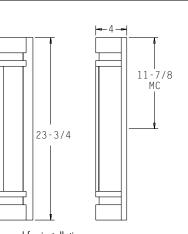
Precision-engineered optics deliver maximum downward lighting w/o

# 503 **SENTRY**

DIMENSIONS

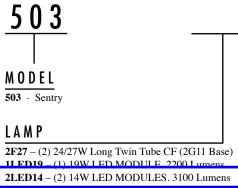
# Available in LED





MC = Mounting Center A 4" octagonal junction box should be used for installation





2LED17 - (2) 17W LED MODULES. 3750 Lumens Consult factory for other available lamps and LED Wattages.

Indessa

Lighting

Indessa Lighting reserves the right to make design revisions without prior notice.

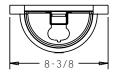
# **TYPE WA** WALL MTD 7' A.F.G.

PROJECT:\_\_\_\_\_

LOCATION:

## FEATURES

- Solid aluminum bar stock makes for an extremely rigid fixture.
- The integration of 2", 1 1/4" and 3/4" bars blends in seamlessly for a very unique look.
- Electronic multi-volt (120/277) ballast is standard (0 degree F starting temperature)
- All parts treated with a five stage phosphate bonding process before being treated with a long lasting powder coat finish.
- Ability to lengthen fixture and add or subtract bars.
- Listed and approved for wet locations.
- No visible fasteners.
- Manufactured in the U.S.A.
- Meets ADA requirements.
- Available with integral emergency ballast.





- BLK Black
- SAL Silver
- BRZ Bronze
- **BA** Brushed Aluminum

Consult factory for other finishes.

## OPTIONS

- BL - Bottom Lens
- TC - Top Aluminum Cover
- Bottom Aluminum Cover BC
- Lamp Lamp provided, please
- specify color temperature
- **IEM** Integral Emergency Ballast (CF Only)
- DRY Indoor Version



PHONE: 509.924.0243 • FAX: 509.924.2607 • www.indessa.com

# Cree Edge<sup>™</sup> Series

LED Pathway Luminaire

#### Product Description

Durable die-cast aluminum luminaire housing mounts directly to 4" (102mm) diameter pole (included) without visible mounting hardware for clean apperance. Pole mounts to rugged die cast aluminum internal flange secured by three 3/8"-16" anchor bolts (provided). Note: T45 Torx 3/8" socket required for head installation. Top mounted LEDs for superior optical performance and light control. Applications: Landscape, walk-ways and general site lighting

TYPE OA

96" POLE MOUNT

#### Performance Summary

Utilizes BetaLED® Technology

Patented NanoOptic® Product Technology

Made in the U.S.A. of U.S. and imported parts

CRI: Minimum 70 CRI

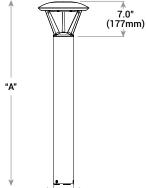
CCT: 4000K (+/- 300K), 5700K (+/- 500K) standard

Limited Warranty\*: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

#### Accessories

Field-Installed Upgrade Kit XA-XBP8RSV XA-XBP8RWH XA-XBP8RPB XA-XBP8BBK XA-XBP8BB7 - Used for replacement of existing bollards





່ 4.0" ່ (102mm)

Model	Dim. "A"	
Landscape (P0)	13" (330mm)	
Landscape (P1)	18" (457mm)	
Pathway (P3)	36" (914mm)	
Pathway (P4)	42" (1068mm)	
Pedestrian (P8)	96" (2438mm)	

### Cree Edge<sup>™</sup> LED Pathway Luminaire

#### **Product Specifications**

#### **CONSTRUCTION & MATERIALS**

- Durable die-cast aluminum luminaire housing mounts directly to 4" (102mm) diameter pole (included) without visible mounting hardware for clean appearance
- · Pole mounts to rugged die cast aluminum internal flange secured by three 3/8"-16" anchor bolts (provided)
- Note: T45 Torx 3/8" socket required for head installation
- · Top mounted LEDs for superior optical performance and light control
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultradurable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Silver, bronze, black, white, and platinum bronze are available
- Weight:120-277V: P0 12.7 lbs. (5.8kg); P1 13.3 lbs. (6.0kg); P3 17.9 lbs. (8.1kg); P4 18.6 lbs. (8.4kg); P8 28.4 lbs. (12.9kg); 347-480V: Add 4.5 lbs. (2.0kg)

#### ELECTRICAL SYSTEM

- Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10kV surge suppression protection standard
- To address inrush current, slow blow fuse or type C/D breaker should be used

#### **REGULATORY & VOLUNTARY QUALIFICATIONS**

- cULus Listed
- Suitable for wet locations
- · Consult factory for CE Certified products
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- · Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- · Meets Buy American requirements within ARRA

### Ordering Information

Example: PWY EDG 2M P0 02 D UL SV 350

PWY EDG			02	D				
Product	Optic	Mounting	LED Count (x9)	Series	Voltage	Color Options	Drive Current	Options
PWY EDG	2M Type II Medium 3M 5M Type V Medium 5S Type V Short	P0 13" (330mm) landscape P1 18" (457mm) landscape P3 36" (914mm) pathway P4 42" (1067mm) pathway P8 96" (2438mm) pedestrian	02	D	UL Universal 120-277V UH+ Universal 347-480V 12 120V 24 240V 27 240V 277V 34+ 347V 48* 480V	SV Silver BK Black BZ Bronze PB Platinum Bronze WH White	350 350mA 320m 525m 525mA	40K       4000K Color Temperature         - Minimum 70 CRI         - Color temperature per luminaire         F       Fuse         - When code dictates fusing, use time delay fuse         - Not available with all ML options. Refer to ML spec sheet for availability with ML options         HL       Hi / Low (175/350/525 Dual Circuit Input)         - Refer to ML spec sheet for details         - Sensor not included         TL       Two-Level (175/525 w/ integrated sensor control)         - Refer to ML spec sheet for details         TL2       Two-Level (0/350 w/ integrated sensor control)         - Refer to ML spec sheet for details         TL3       Two-Level (0/525 w/ integrated sensor control)         - Refer to ML spec sheet for details         TL3       Two-Level (0/525 w/ integrated sensor control)         - Refer to ML spec sheet for details         TL3       Two-Level (0/525 w/ integrated sensor control)         - Refer to ML spec sheet for details         WB       Welded Base Plate         - Standard on P8 mounting option, available with P3 an P4 mounting options         - Includes welded base cover

<sup>+</sup> See www.cree.com/lighting/products/warranty for warranty terms \* Available with P3, P4 and P8 mounting options

\*\* Available with P1, P3, P4 and P8 mounting option





/ IIS

Electrical Data*								
			Total Cu	rrent				
LED Count (x9)	System Watts 120-480V	System Watts 347-480V	120V	208V	240V	277V	347V	480V
350mA								
330IIIA		1	1	1		1		
02	22	28	0.18	0.12	0.10	0.10	0.09	0.13
525MA								
02	34	40	0.29	0.19	0.17	0.15	0.12	0.13

Electrical data at 25°C (77°F)

Recommended Cree® Outdoor Luminaire Lumen Maintenance Factors (LMF) <sup>1</sup>							
Ambient	Initial LMF	25K hr Projected² LMF	50K hr Projected² LMF	75K hr Projected³ LMF	100K hr Calculated³ LMF		
5°C (41°F)	1.05	1.03	1.02	1.01	1.00		
10°C (50°F)	1.03	1.01	1.00	0.99	0.98		
15°C (59°F)	1.02	1.00	0.99	0.98	0.97		
20°C (68°F)	1.01	0.99	0.98	0.97	0.96		
25°C (77°F)	1.00	0.98	0.97	0.96	0.95		

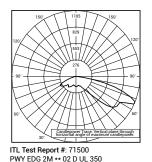
<sup>1</sup> Lumen maintence values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing <sup>2</sup> In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (IDUT) i.e. the packaged LED chip) <sup>3</sup> In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((IDUT) i.e. the packaged LED chip)



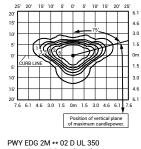
### Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. To obtain an IES file specific to your project consult: http://www.cree.com/lighting.

2M



Initial Delivered Lumens: 1,432



PWY EDG 2M \*\* 02 D UL 350 Mounting Height: 3' (0.9m) A.F.G. Initial Delivered Lumens: 1,407 Initial FC at grade

Type II Medium Distribution							
	4000K		5700K				
LED Count (x10)	Initial Delivered Lumens <sup>.</sup>	BUG Ratings" Per TM-15-11	Initial Delivered Lumens <sup>.</sup>	BUG Ratings" Per TM-15-11			
350mA							
12	1,297	B1 U1 G1	1,407	B1 U1 G1			
525mA							
12	1,816	B1 U1 G1	1,970	B1 U1 G1			

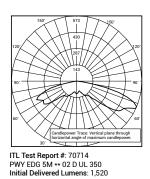
Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens
 For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.iesna.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

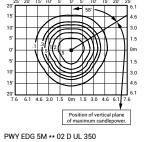
### Cree Edge<sup>™</sup> LED Pathway Luminaire

#### Photometry

consult: http://www.cree.com/lighting.

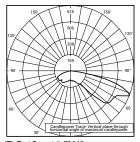
#### 5M



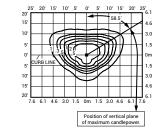


Mounting Height: 3' (0.9m) A.F.G. Initial Delivered Lumens: 1,498 Initial FC at grade

#### 3M



ITL Test Report #: 71649 PWY EDG 3M \*\*02 D UL 350 40K Initial Delivered Lumens: 1,161

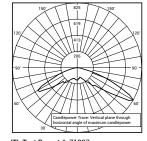


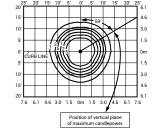
PWY EDG 3M \*\*02 D UL 350 40K Mounting Height: 3' (0.9m) A.F.G. Initial Delivered Lumens: 1,248 Initial FC at grade

Type III Medium Distribution							
	4000K		5700K				
LED Count (x10)	Initial Delivered Lumens <sup>.</sup>	BUG Ratings" Per TM-15-11	Initial Delivered Lumens <sup>.</sup>	BUG Ratings" Per TM-15-11			
350mA				·			
12	1,150	B1 U1 G1	1,248	B1 U1 G1			
525mA							
12	1,610	B1 U1 G1	1,747	B1 U1 G1			

Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens
 For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit:
 www.iesna.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

#### 5S





ITL Test Report #: 71337 PWY EDG 5S \*\* 02 D UL 350 Initial Delivered Lumens: 1.685

PWY EDG 5S \*\* 02 D UL 350 Mounting Height: 3' (0.9m) A.F.G. Initial Delivered Lumens: 1,679 Initial FC at grade



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#### All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. To obtain an IES file specific to your project

Type V Medium Distribution							
	4000K		5700K				
LED Count (x10)	Initial Delivered Lumens*	BUG Ratings" Per TM-15-11	Initial Delivered Lumens*	BUG Ratings" Per TM-15-11			
350mA	1	1	1				
12	1,380	B1 U1 G1	1,498	B1 U1 G1			
525mA							
12	1,932	B1 U1 G1	2,097	B2 U1 G2			

Initial delivered lumens at 25'C (77'F). Actual production yield may vary between -4 and +10% of initial delivered lumens
 For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.iesna.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

Type V Short Distribution							
	4000K		5700K				
LED Count (x10)	Initial Delivered Lumens*	BUG Ratings" Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11			
350mA							
12	1,548	B1 U1 G0	1,679	B1 U1 G0			
525mA							
12	2,167	B1 U1 G0	2,351	B1 U1 G0			

Initial delivered lumens at 25'C (77'F). Actual production yield may vary between -4 and +10% of initial delivered lumens
 For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.iesna.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt





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REYNOLDS PARK TENNIS COURTS AND WATER TREATMENT BUILDING ACROSS LIVINGSTON

ADJACENT BUILDING ON E MIFFLIN STREET



# JOSEPH LEE + ASSOCIATES 2418 CROSSROADS DRIVE - SUITE 2300 Madicon Wisconsin 53718

### VERITAS VILLAGE, LLC

Landmarks Commission Submittal

### VERITAS VILLAGE

PROGRESS DOCUMENTS

APRIL 29, 2015

ATE OF ISSUANCE

REVISION SCHEDULE

SHEET TITLE

Existing / Contextual Information

SHEET NUMBER R708