Madison College - Relocate Truax & Family Center

UDC Initial/Final Approval

December 11, 2019

Truax Child & Family Center

Aerial Map

MADISON AREA | TECHNICAL COLLEGE

pra PLUNKETT RAYSICH ARCHITECTS, LLP

VIEW FROM NORTH ACCESS ROAD

VIEW FROM WRIGHT STREET

VIEW FROM WRIGHT STREET

VIEW FROM INGENUITY CENTER OF MAIN CAMPUS

VIEW ACROSS SOUTH ACCESS ROAD LOOKING AT INGENUITY BUILDING

VIEW ACROSS WRIGHT STREET LOOKING AT HEALTH SERVICES BUILDING/PARKING LOT

VIEW ACROSS WRIGHT STREET FROM NORTH ACCESS ROAD

NORTH ELEVATION FROM NORTH ACCESS ROAD

SOUTH ELEVATION FROM SOUTH ACCESS ROAD

EAST ELEVATION FROM STORAGE YARD

WEST ELEVATION FROM NORTH ACCESS ROAD

SITE INFORMATION BLOCK:

SITE ADDRESS: 1835 WRIGHT STREET
SITE ACREAGE: 3.63 AC (LOT 2 CSM 12648)
USE OF PROPERTY: CHILD & FAMILY CENTER
ZONING: CAMPUS - INSTITUTIONAL (CI)

TOTAL NUMBER OF PARKING STALLS: 218
NUMBER OF STALLS DESIGNATED ACCESSIBLE: 2

TOTAL NUMBER OF BIKE STALLS: 6

EXISTING IMPERVIOUS SURFACE AREA: 132,856 SQ.FT.
ROOFTOP: 17,025 SQ.FT.
PAVED: 115,831 SQ.FT.

PROPOSED IMPERVIOUS SURFACE AREA: 100,570 SQ.FT.
ROOFTOP: 17,025 SQ.FT.
PAVED: 83,545 SQ.FT.

MAXIMUM LOT COVERAGE PER CI ZONING REQUIREMENTS: 85%
PROPOSED LOT COVERAGE: 63.4%

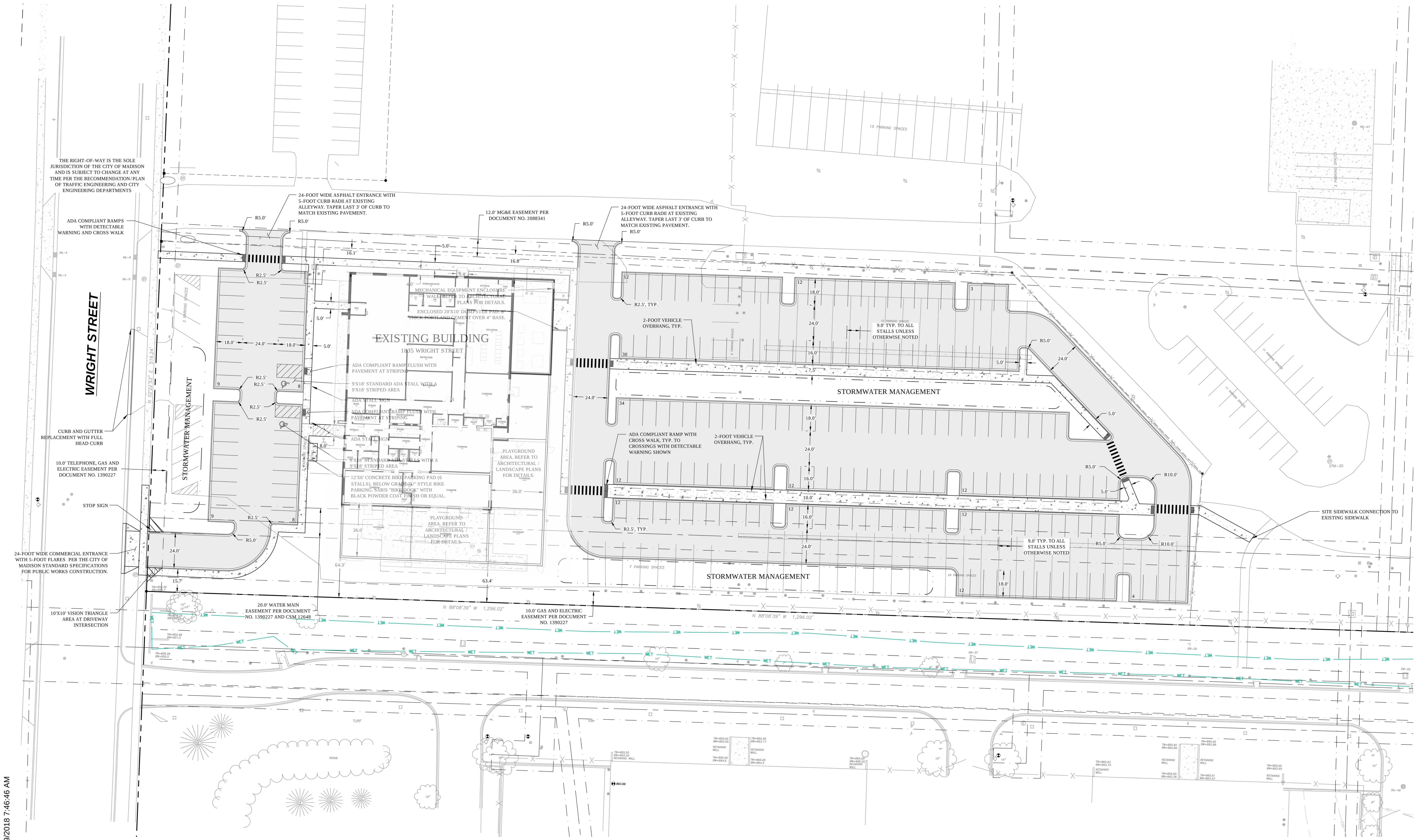
LEGEND (PROPOSED)

- PROPOSED PROPERTY BOUNDARY
- EASEMENT
- 18" STANDARD CURB AND GUTTER
- 18" REJECT CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER TREATMENT FACILITY

NORTH
1" = 30' ON 30"X42"
NOT TO SCALE ON 11"X17"

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.



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pra PLUNKETT RAYSICH ARCHITECTS, LLP

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WYSER ENGINEERING

Madison College
Relocate Truax Child & Family Center
1835 Wright Street, Madison, WI 53704

REVISIONS:

SITE PLAN

PROGRESS SET	
BID PACKAGE:	
DATE:	01/16/20
JOB NO:	190185-01
SHEET NO:	C100

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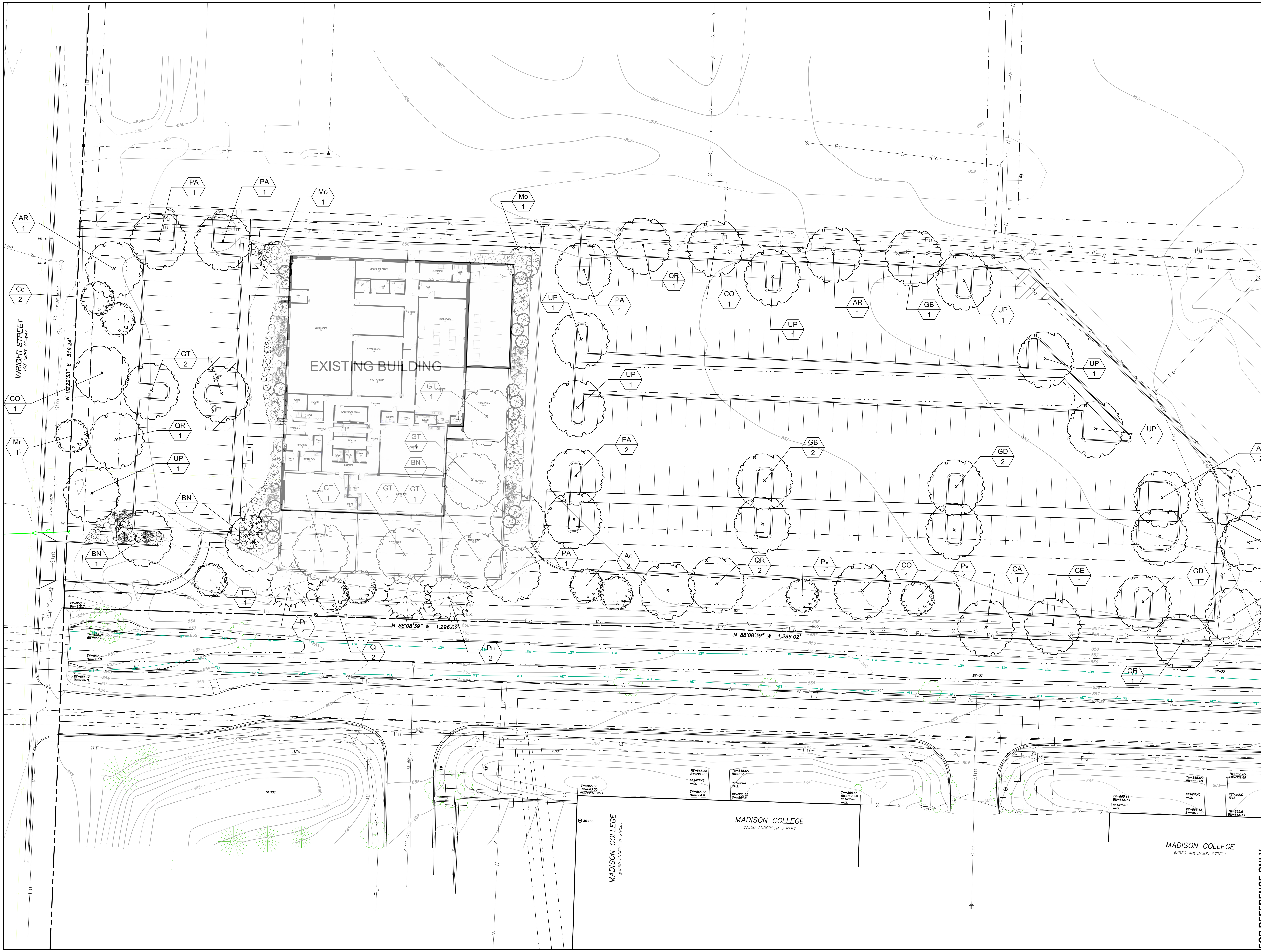

FOR REFERENCE ONLY

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design studio

MADISON AREA TECHNICAL COLLEGE

Madison College
Penske Daycare
1835 Wright Street, Madison, Wisconsin 53704

REVISIONS:

LANDSCAPE PLAN

CONSTRUCTION SET
BID PACKAGE:
DATE: 06 DEC 19
JOB NO: 19 PRA 01
SHEET NO: L-100

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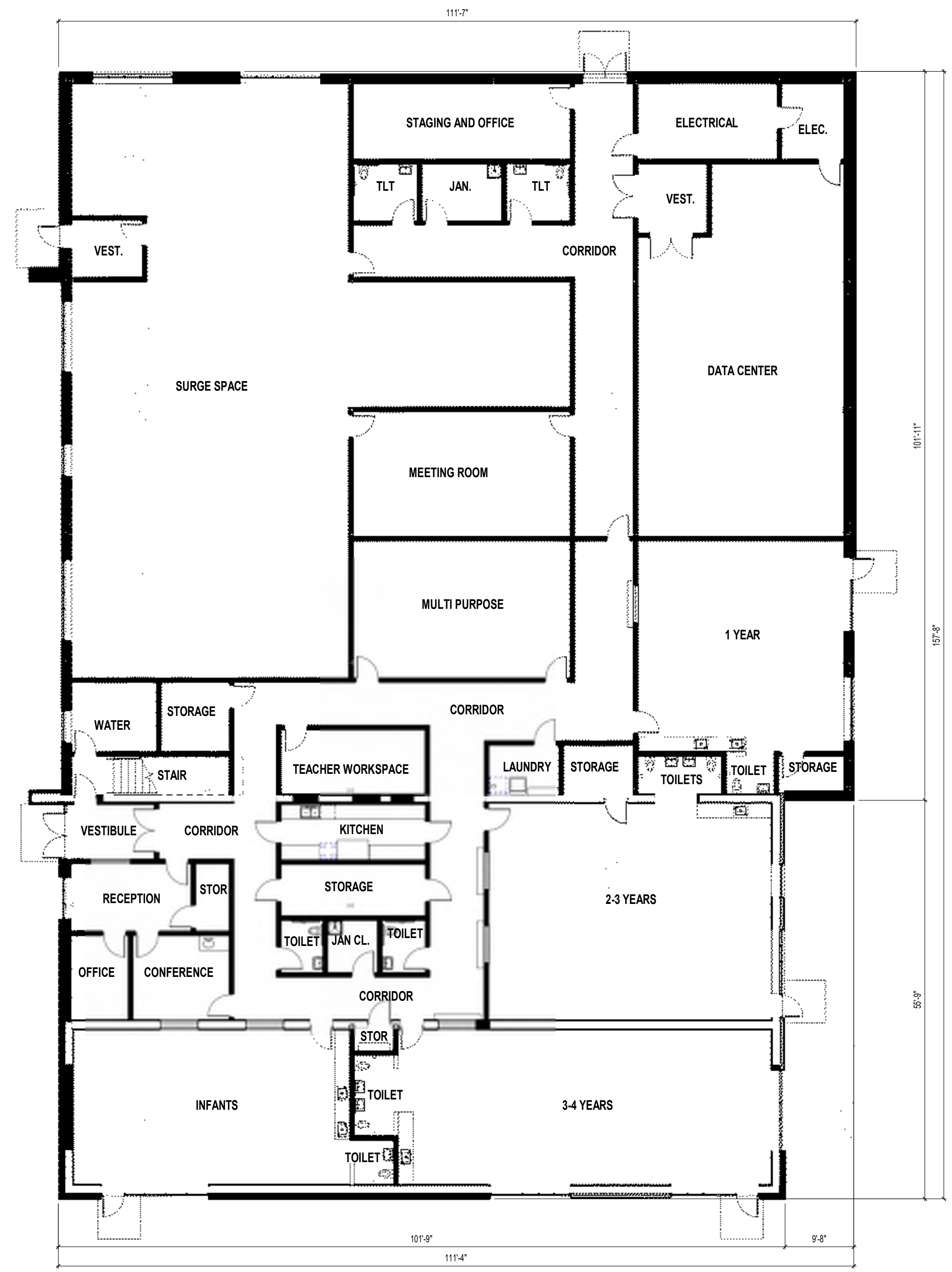
design studio

Madison College
Penske Daycare
1835 Wright Street, Madison, Wisconsin 53704

REVISIONS:

PLAY AREA AMENITIES

CONSTRUCTION SET
BID PACKAGE:
DATE: 06 DEC 19
JOB NO: 19 PRA 01
SHEET NO: L-104



FIRST FLOOR PLAN
3/32" = 1'-0"

0 3 5 11 21
SCALE: 3/32"= 1'-0"

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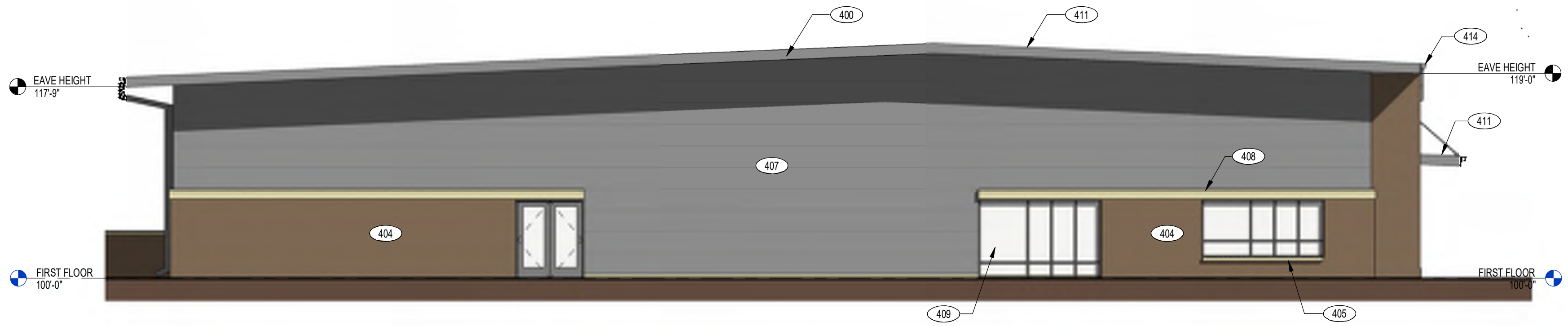
MADISON AREA TECHNICAL COLLEGE

Madison College - Relocate
Truax Child & Family Center
1835 Wright Street, Madison, WI 53704

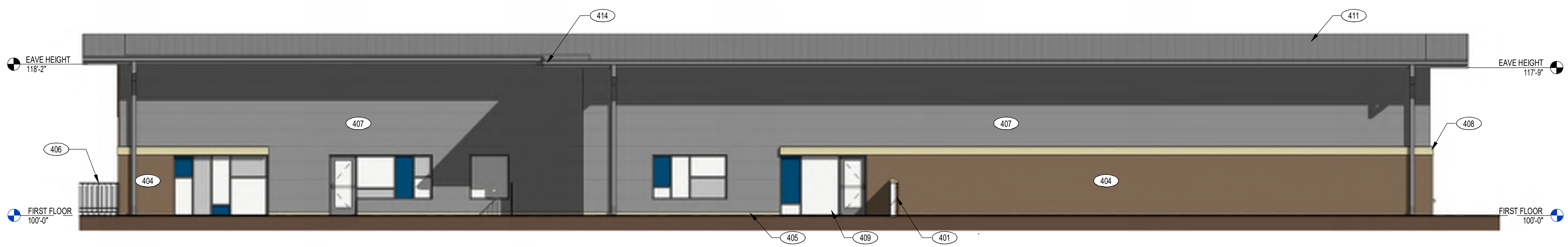
Revisions:

First Floor Plan

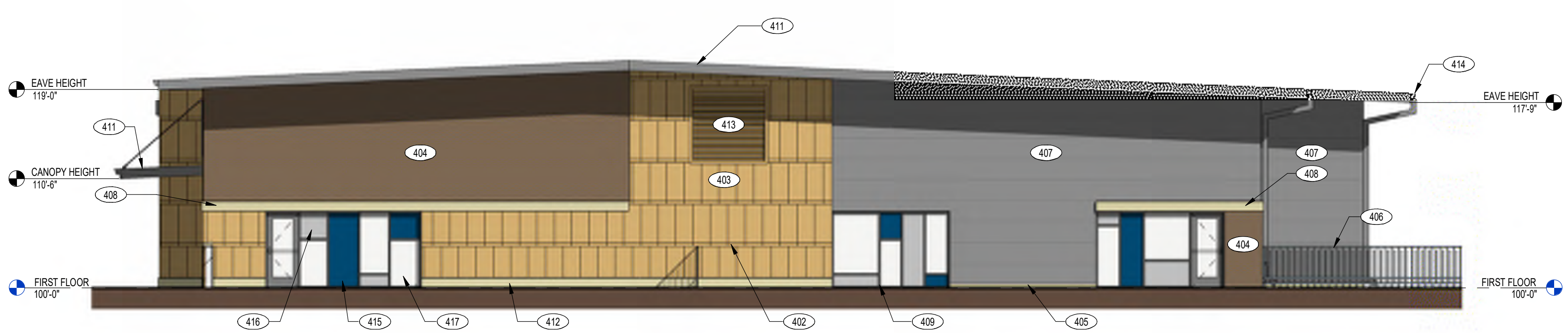
Date: 11/06/19
Job No: 190185-02
Sheet No: 5



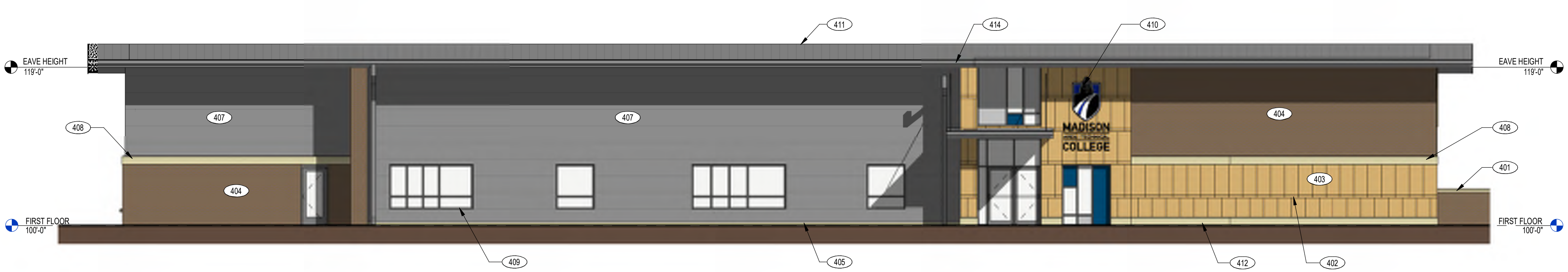
NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

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EXTERIOR ELEVATION NOTES	
NOTE #	EXTERIOR ELEVATION NOTE
400	METAL FASCIA - COLOR SHALL MATCH METAL WALL PANEL
401	BRICK VENEER FENCING WALL - 4'-0" TO TOP OF BRICK WITH PRECAST STONE CAP - BRICK VENEER SHALL BE SIOUX CITY, TOASTED FINE ART VELOUR, MODULAR - PRECAST STONE CAP COLOR SHALL BE BUFF
402	STONE VENEER - ACCENT PANELS SHALL BE LIMESTONE WITH A HONED FINISH AS MANUFACTURED BY QUARRA STONE COMPANY, COLOR SHALL BE AURORA BUFF, NOMINAL SIZE 4" HIGH BY 1'-8" WIDE
403	STONE VENEER - MAIN PANELS SHALL BE LIMESTONE WITH A BED FACE FINISH AS MANUFACTURED BY QUARRA STONE COMPANY, COLOR SHALL BE PRAIRIE BUFF/GOLD, NOMINAL SIZE 3'-8" HIGH BY 1'-8" WIDE
404	BRICK VENEER - COLOR SHALL BE SIOUX CITY, TOASTED FINE ART VELOUR, MODULAR
405	PRECAST STONE SILL - COLOR SHALL BE BUFF
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417	INSULATED GLASS UNIT - TRANSPARENT GLAZING

0 2 4 8 16
SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

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MADISON AREA TECHNICAL COLLEGE

Madison College - Relocate Truax Child & Family Center

1835 Wright Street, Madison, WI 53704

Revisions:

ELEVATIONS - COLOR

Date: 11/06/19

Job No: 190185-02

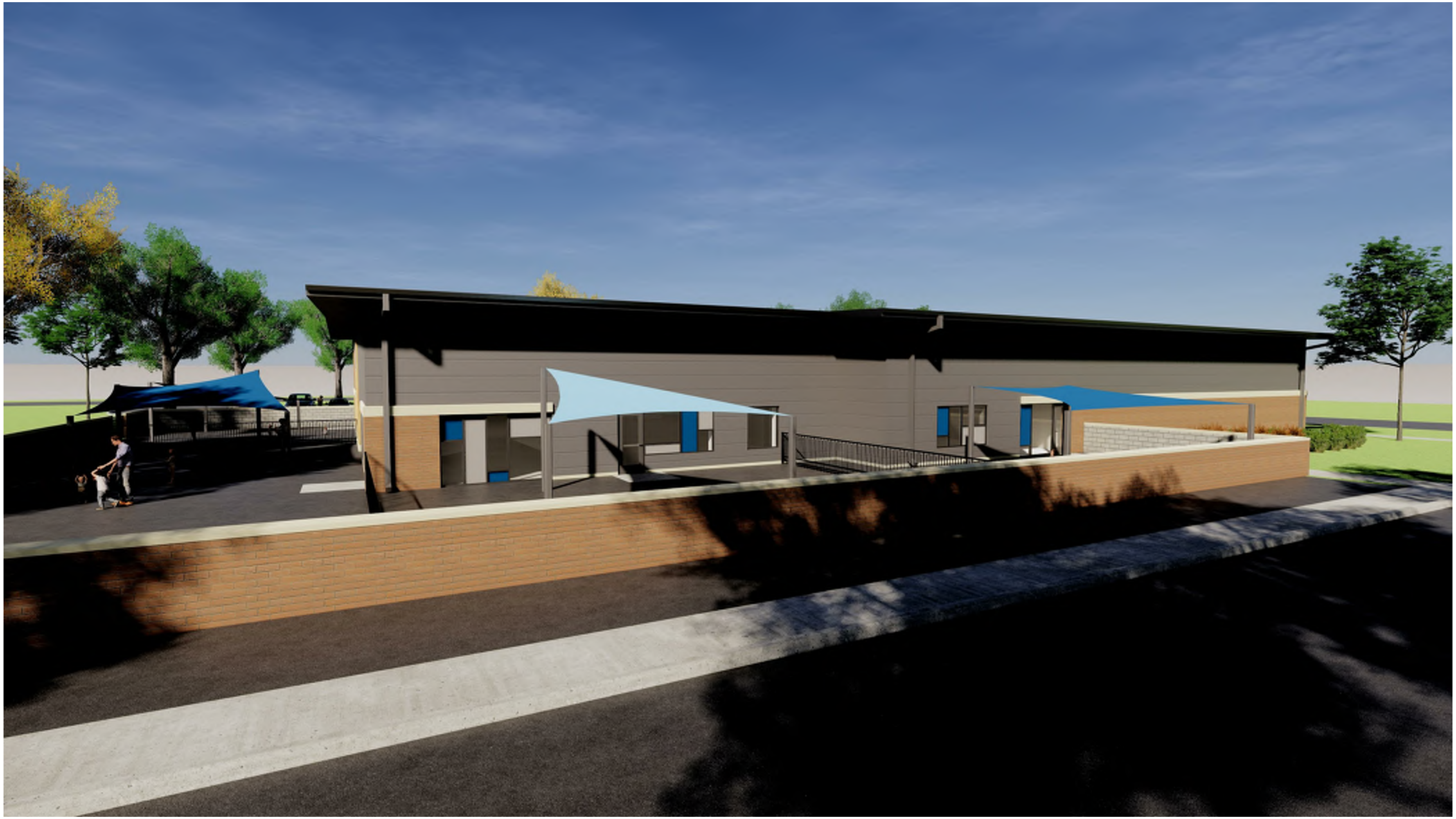
Sheet No: 7

MADISON AREA | TECHNICAL COLLEGE

pra PLUNKETT RAYSICH ARCHITECTS, LLP

VIEW FROM WRIGHT ST. (WEST ELEVATION)

VIEW FROM INGENUITY (SOUTH ELEVATION)

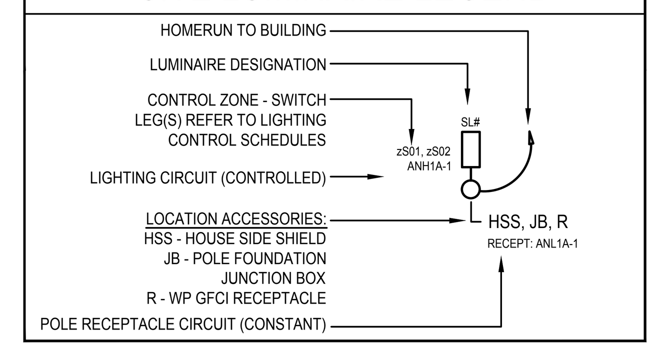


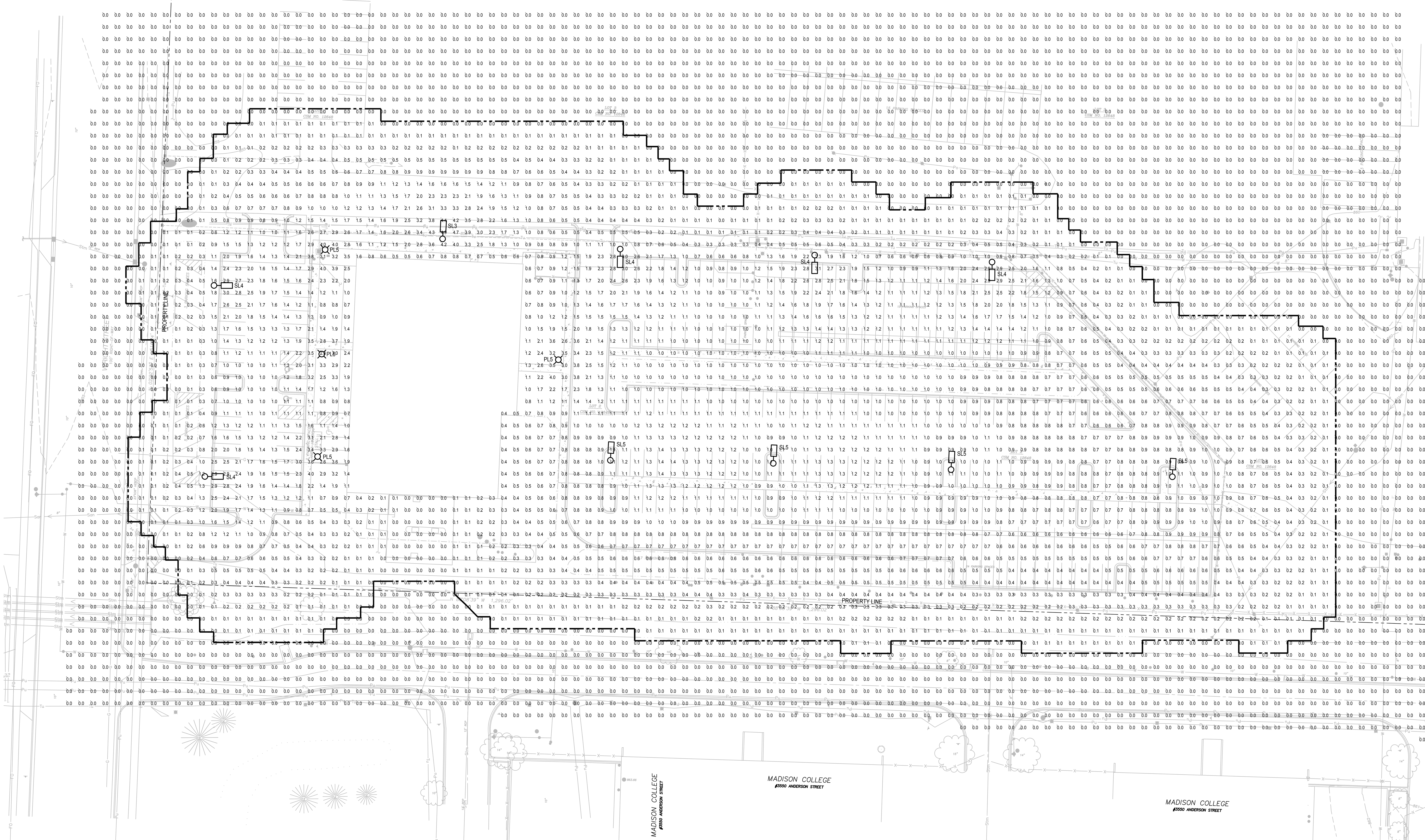
VIEW FROM PARKING LOT (EAST ELEVATION)

VIEW FROM NORTH ACCESS ROAD (NORTH ELEVATION)

CALCULATION SUMMARY						
LABEL	CALCTYPE	UNITS	MIN	MAX/MIN	AVG	AVG/MIN
EAST PARKING LOT - PAVEMENT	ILLUMINANCE	FC	0.4	9.50	1.03	2.58
WEST PARKING LOT - PAVEMENT	ILLUMINANCE	FC	0.8	4.38	1.59	1.99

SITE LUMINAIRE LEGEND





1 SITE LIGHTING PLAN

SCALE: 1" = 30'-0"

0 10' 20' 30' 50' 100'

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HEI PROJECT # - 19-9657

Madison College
Relocate Truax Child & Family Center

1835 Wright Street, Madison, WI 53704

REVISIONS:

SUBMITTAL SET

BID PACKAGE:

DATE: 11/06/19

JOB NO: 190185-02

SHEET NO:

LUMEC by Signify

Roadway

RoadView

RVM
LED Luminaire (medium)

Lumec **RoadView LED** roadway luminaires were created to help those responsible for lighting our streets and highways succeed in their lighting design goals. Powered by the latest LED technology, and featuring innovative thermal management design, the RoadView offers exceptional performance and value. This versatile luminaire can be tailored to the unique specifications of each project by offering multiple LED boards and wattage options.

Project:
Location:
Cat.No:
Type:
Lamps: Qty:
Notes:

TYPES SL3, SL4, SL5

Ordering guide

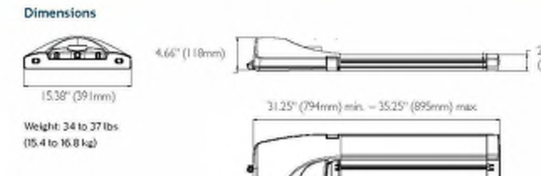
Example: RVM-215W96LED4K-G2-LE3-UNV-DMG-GY3

Series	LED module	Gen.	Optical system	Voltage	Driver options	Luminaire options	Accessories	Finish
RVM		G2						
RVM	3000K 110W96LED3K 125W112LED3K 145W128LED3K 160W144LED3K 160W96LED3K 180W160LED3K 190W112LED3K 215W96LED3K	G2 Gen2	LE2 Type II (ASYM) LE3 Type III (ASYM) LE4 Type IV (ASYM) LE5 Type V (ASYM)	HVU 347-480V UNV 120-277V	AST Pre-set driver for progressive start-up CDMGE25 8 hrs. 25% reduction CDMGE50 8 hrs. 50% reduction CDMGE75 8 hrs. 75% reduction CDMGM25	API Factory installed NEMA label, ANSI C136.15 compliant BL Bubble Level HS House Side Shield, shield, 1 per 16 LED light engine RC	PH8 Twist-lock Photoelectric Cell, UNV (120-277VAC) PH8/347 Twist-lock Photoelectric Cell, (347VAC) PH8/480 Twist-lock Photoelectric Cell,	BK Black BR Bronze GY3 Medium Grey WH White

RVM RoadView LED Luminaire
Roadway

LED Wattage and Lumen Values

Dimensions



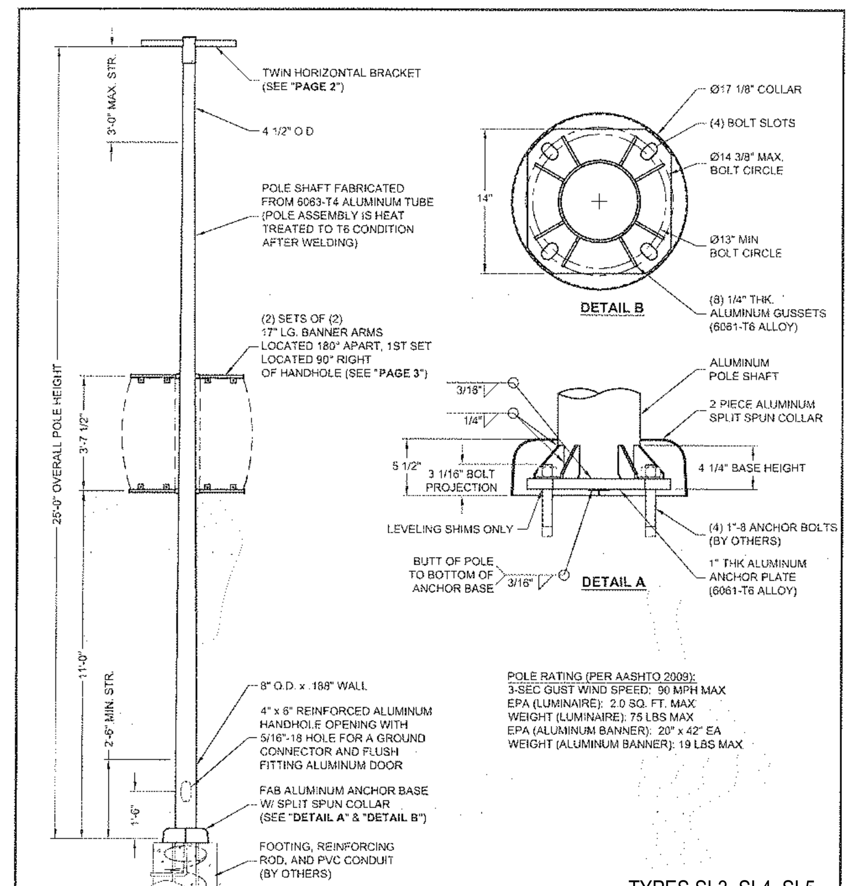
RVM RoadView LED Luminaire
Roadway

Specifications

RVM RoadView LED Luminaire
Roadway

Specifications

Signify

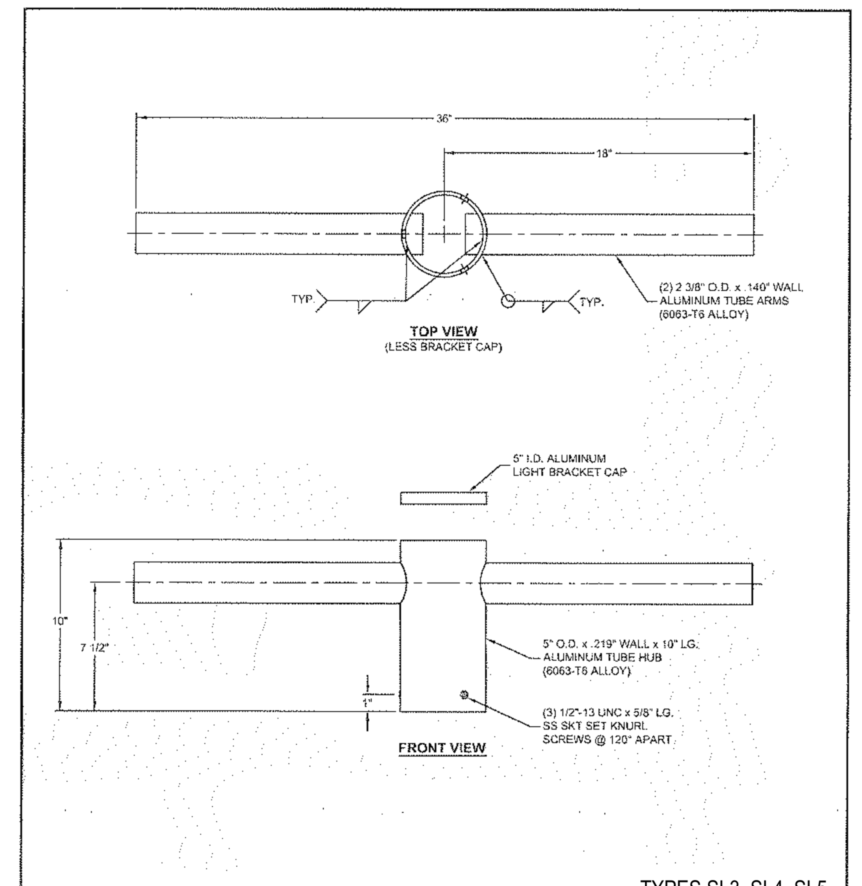


TYPES SL3, SL4, SL5

valmont

ANCHOR BASE POLES

Valmont Industries, Inc. Structures Division



TYPES SL3, SL4, SL5

valmont

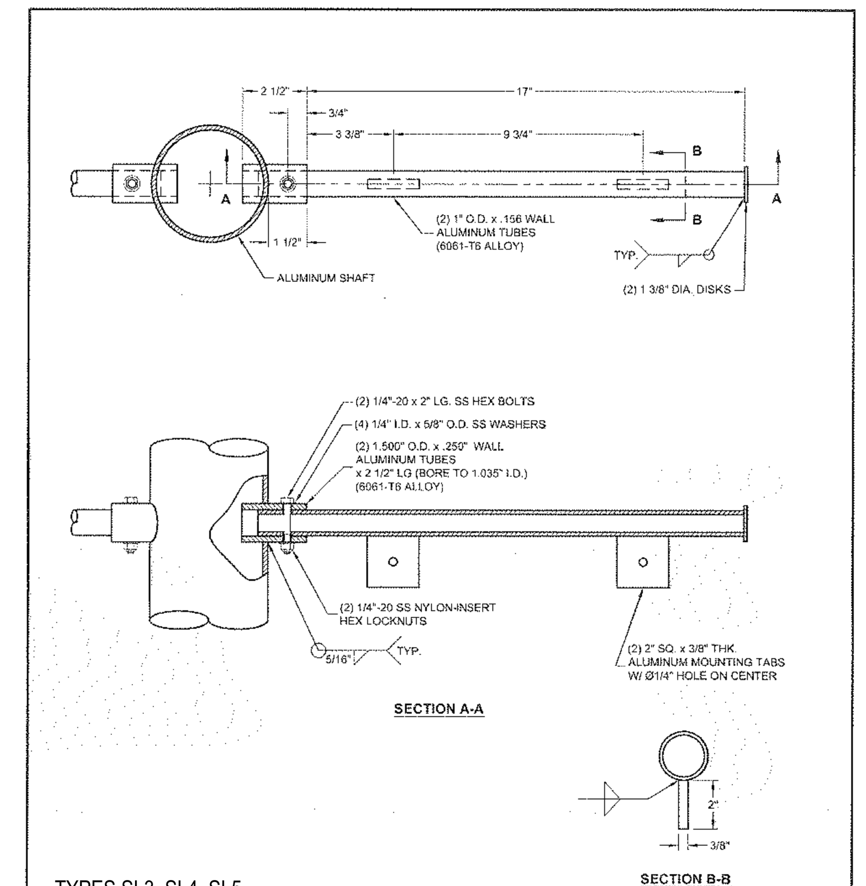
Valmont Industries, Inc. Structures Division
20805 Eaton Ave. Farmington, Minnesota 55024-7932
Phone: (651) 463-8990 (800) 899-7577
Fax: (651) 463-3349

SOLD TO: WERNER ELEC
SHIP TO:
P.O. NO: S4690183LEX
REP: SPECTRUM LTG

DATE: 03-03-16
DWG NO: LSA5193
PAGE: 2/3

CONFIDENTIAL

REV | DATE | REVISION DESCRIPTION | BY



TYPES SL3, SL4, SL5

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P.O. NO: S4690183LEX
REP: SPECTRUM LTG

DATE: 03-03-16
DWG NO: LSA5193
PAGE: 3/3

CONFIDENTIAL

REV | DATE | REVISION DESCRIPTION | BY

TYPE PL5

landscapeforms

ALCOTT AREA LIGHT
Product Data Sheet

The Alcott area light is a contemporary interpretation of a traditional lamppost. Its gently curved posts are topped by a domed energy-efficient LED luminaire sealed with thermoformed lens. Proprietary AWEN optics combined with multiple aiming angles provide directional lighting, reducing light pollution and wasted energy.

General Description
- Offered in 3 standard mounting heights (12', 14', and 16')
- Asymmetrical and symmetrical distribution types available
- Mounting template and anchor hardware included
- Alcott ships completely assembled and ready for installation
- Zero up-light, International Dark-Sky approved
- UL Listed, suitable for wet locations

Electrical
Surge protected 100V-277V 50/60 Hz, Class 2 dimmable driver mounted within integrated cast aluminum base cabinet. LED cartridge with weatherproof quick-disconnect provides ease of serviceability. Alcott ships prewired and fully assembled.

Alcott Type 3
Type 3 Distribution
Structure: Housing, LED cartridge and cabinet are cast aluminum, pole is aluminum extrusion.
Lamp: 48 Cree XP-E2 LEDs
CCT: 3000K, 3500K, 4000K
Drive Current: 350mA
Optic: AWEN Optic
Lens: Diffused Acrylite®

Alcott Type 5
Type 5 Distribution
Structure: Housing, LED cartridge and cabinet are cast aluminum, pole is aluminum extrusion.
Lamp: 96 Cree XP-E2 LEDs
CCT: 3000K, 3500K, 4000K
Drive Current: 350mA
Optic: AWEN Optic
Lens: Diffused Acrylite®

Alcott Type 3

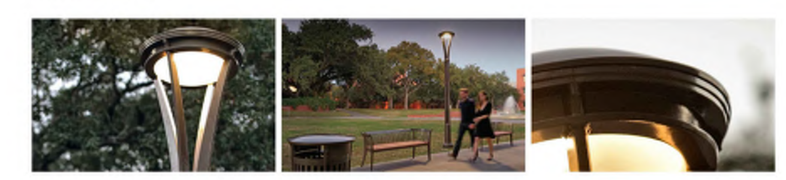
lighting facts

Alcott Type 5

lighting facts

landscapeforms

ALCOTT AREA LIGHT
Product Data Sheet



Finish
Pangard II®, offered exclusively by Landscape Forms, is a 19 step program of cleaning, priming, and powdercoating that resists rusting, chipping, peeling and fading to produce the finest metal finish available for site furniture and outdoor lighting. In addition, Pangard II® contains no heavy metals and is free of Hazardous Air Pollutants.

To Order
Specify: Product, Lamp, Drive Current, Color Temperature, Input Voltage, Mounting Height, and Powdercoat Color.

Product	Lamp	Drive Current	Color Temp.	Input Voltage	Mounting
AC Alcott	048L3 (48 LED, Type 3) 096L5 (96 LED, Type 5)	035F (350 mA)	40K (4000K) 35K (3500K) 30K (3000K)	UV1 (100-277VAC)	12 (144in) 14 (168in) 16 (192in)

EXAMPLE: AC – 048L3 – 035F – 3oK – UV1 – 12 – Powdercoat Color

Product Modifications
Don't see what you are looking for? Our goal is to partner with you as the designer to manufacture solutions needed for the space you are creating. We offer the option to modify our standard product to meet certain design specifications or needs. Contact your local Landscape Forms representative to learn more about these offerings.

Warranty
LED lighting products are warranted for six years.

Other

Madison College
Relocate Truax Child & Family Center
1835 Wright Street, Madison, WI 53704

REVISIONS:

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HEI PROJECT # - 19-9657

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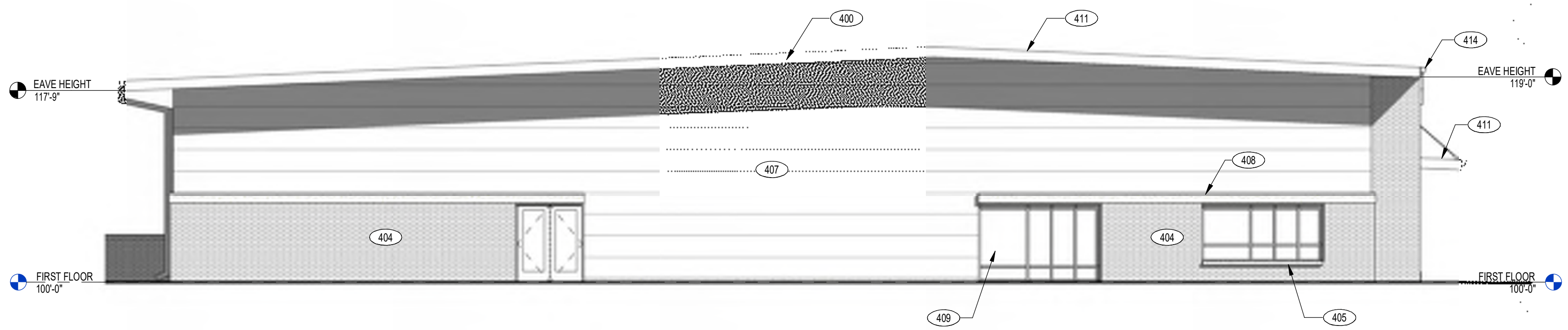
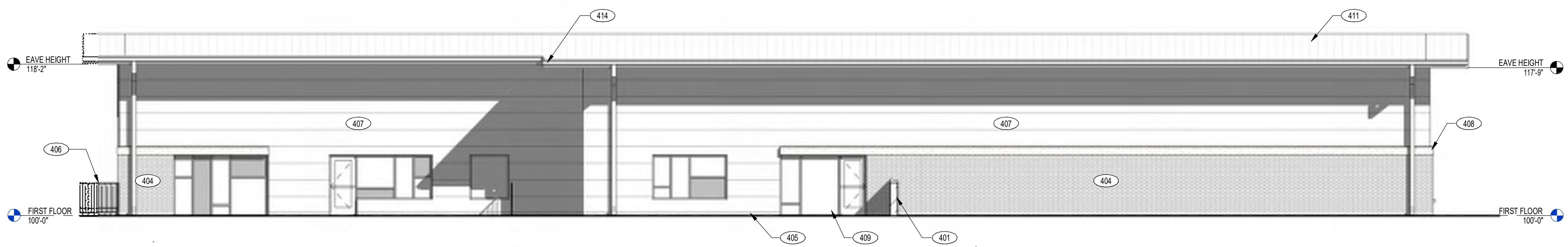
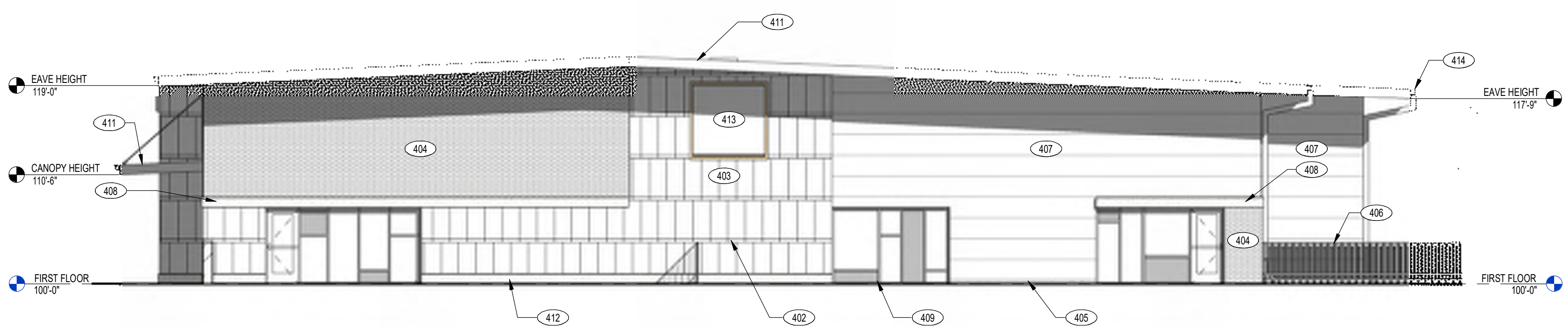
BID PACKAGE:
DATE: 11/06/19
JOB NO: 190185-02
SHEET NO:



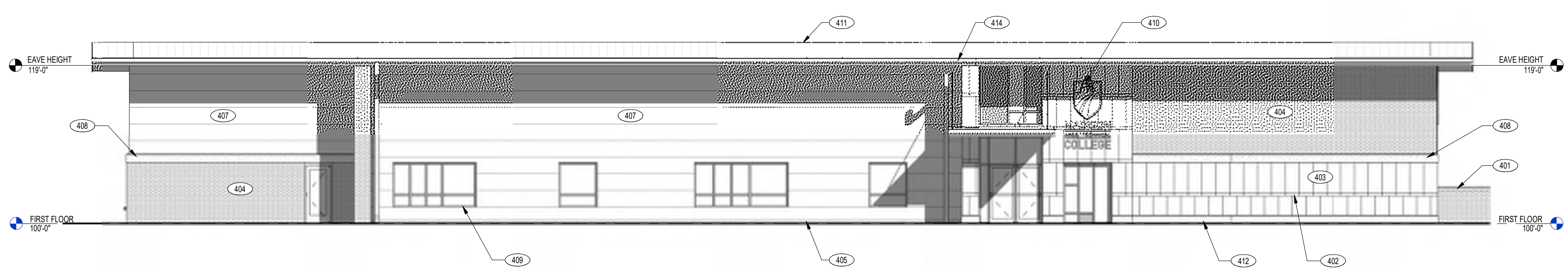
NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

EXTERIOR ELEVATION NOTES	
NOTE #	EXTERIOR ELEVATION NOTE
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0 2 4 8 16
SCALE: 1/8" = 1'-0"

DRAWN BY: Author 11/5/2019 4:54:51 PM

NOT FOR CONSTRUCTION

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1835 Wright Street, Madison, WI 53704

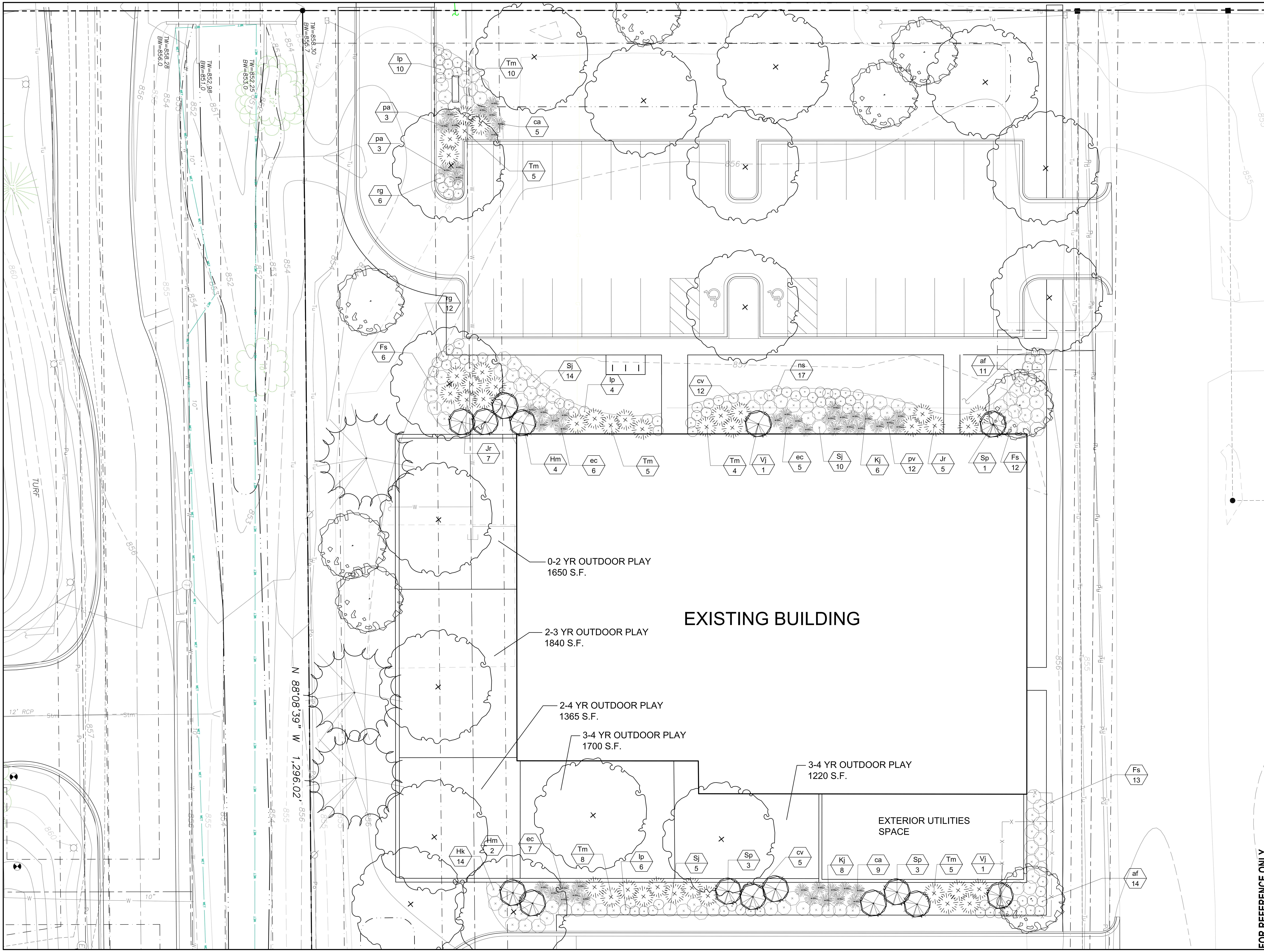
Revisions:

ELEVATIONS - BLACK & WHITE

Date: 11/06/19

Job No: 190185-02

Sheet No.: 6



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MADISON AREA | TECHNICAL COLLEGE

Madison College
Penske Daycare
1835 Wright Street, Madison, Wisconsin 53704

REVISIONS:

LANDSCAPE ENLARGEMENT PLAN

CONSTRUCTION SET

BID PACKAGE:

DATE: 06 DEC 19

JOB NO: 19 PRA 01

SHEET NO: L-101

LANDSCAPE PLANT LEGEND

Symbol	Botanical name	Common Name	Size	Root	Remarks
SHADE TREES					
AR	Acer rubrum 'Autumn Blaze'	Autumn Blaze Maple	2.5" Cal.	B&B	
BN	Betula nigra	River Birch	2.5" Cal.	B&B	
CA	Carya ovata	Shagbark Hickory	2.5" Cal.	B&B	
CO	Celtis occidentalis	Common Hackberry	2.5" Cal.	B&B	
GB	Ginko biloba	Ginko Tree	2.5" Cal.	B&B	
GD	Gymnocladus dioicus	Kentucky Coffeetree	2.5" Cal.	B&B	
GT	Gleditsia tricanthos 'Skyline'	Skyline Locust	2.5" Cal.	B&B	
PA	Platanus x acerfolia	American Sycamore	2.5" Cal.	B&B	
QB	Quercus bicolor	Swamp White Oak	2.5" Cal.	B&B	
UP	Ulmus x 'Pioneer'	Pioneer Elm	2.5" Cal.	B&B	
ORNAMENTAL TREES					
AC	Amelanchier canadensis	Shadblow Serviceberry	2" Cal.	B&B	
CI	Crataegus crus-galli var inermis	Thornless Cockspur Hawthorn	2" Cal.	B&B	
CC	Carpinus caroliniana	American Hornbeam (Musclewood)	2" Cal.	B&B	
MO	Malus 'Profusion'	Profussion Crabapple	2" Cal.	B&B	
MR	Malus 'Red Jewel'	Red Jewel Crabapple	2" Cal.	B&B	
PV	Prunus virginiana 'Schubert'	Canada Red Chokecherry	2" Cal.	B&B	
EVERGREENS					
Jr	Juniperus ramlosa	Ramlosa juniper	5 Gal.	CG	
Pn	Pinus nigra	Austrian Pine	6'-8'	B&B	
Tm	Taxus tauntonii	Taunton yew	5 Gal.	CG	
SHRUBS					
Fs	Forsythia x 'Sunrise'	Sunrise Forsythia	3 gal	Pot	
Hm	Hydrangea macropylla 'Bailmer'	Endless Summer Hydrangea	3 gal	Pot	
Hk	Hypericum kalmianum	St. Johns Wort	2 gal	Pot	
Kj	Kerria Japonica	Japenese Kerria	2 gal.	Pot	
Sj	Spirea japonica 'Froebeli'	Froebel spirea	2 gal	Pot	
Sp	Syringa pubescens subsp. patula "Miss Kim"	Miss Kim Lilac	2 gal	Pot	
Vj	Viburnum x juddi	Judd Viburnum	5 gal	B&B	
GRASSES					
ca	Calamagrostis x acutifolia 'Karl Foerster'	Karl Foerster's Feather Reed Grass	1 Gal.	CG	
ec	Elymus canadensis	Canadian Wild Rye	1 Gal.	CG	
pa	Pennisetum alopecuriodes	Dwarf Fountain Grass	1 Gal.	Container	
pv	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	2 Gal.	CG	
PERENNIALS					
af	Astilbe x arendsii 'Fanal'	Fanal Astilbe	1 Gal.	Container	
cv	Coreopsis verticillata 'Zagreb'	Zagreb Coreopsis	1 Gal.	Container	
lp	Liatrus pyncostachya	Prairie Blazingstar	1 Gal.	Container	
ns	Nepeta sibirica	Catnip	1 Gal.	Container	
rg	Rudbeckia fulgida 'Goldstrum'	Goldstrum Black-eyed Susan	1 Gal.	Container	

Madison

City of Madison Landscape Worksheet

Section 28.142 Madison General Ordinance

Project Location / Address 1835 Wright Street, Madison, WI 53704
Name of Project Penske Daycare Center
Owner / Contact Fred Brechlin
Contact Phone ____________ Contact Email FBrechlin@madisoncollege.edu

**** Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size MUST be prepared by a registered landscape architect. ****

Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as all parts of the site that are not left in a natural state within a single contiguous boundary, including building footprints, parking and loading areas, driveways, internal sidewalks, patios, and outdoor activity areas. Developed area does not include other land within required setbacks and natural areas on the same property that are left undisturbed.

(a) One (1) landscape unit shall be provided for each three hundred (300) square feet of developed area, with the exception of the IL and the IG districts as specified in (b) below.

Total square footage of developed area 158,290

Developed area divided by three hundred (300) square feet = 527 **Landscape Units**

(b) Within the Industrial – Limited (IL) and Industrial – General (IG) districts, one (1) landscape unit shall be provided for every six hundred (600) square feet of developed area.

Total square footage of developed area ____________

Developed area divided by six hundred (600) square feet = ________ **Landscape Units**

(c) One landscape unit consists of five (5) landscape points. Landscape points are calculated as shown in the following table.

Landscape units multiplied by five (5) landscape points = 2635 **Total Points Required**

Tabulation of Points and Credits

Use the table to indicate the quantity and points for all existing and proposed landscape elements. **Calculations yielding a fraction up to one-half (1/2 or 0.5) shall be rounded down to the nearest whole number; fractions of more than one half (1/2) shall be rounded up.**

Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2½ inch caliper	35	3	105	46	1610
Ornamental tree	1 1/2 inch caliper	15			12	180
Evergreen tree	3 feet tall	15	2	30	3	45
Shrub, deciduous	18" or 3 gallon container size	2			110	220
Shrub, evergreen	18" or 3 gallon container size	3			39	117
Ornamental grasses	18" or 3 gallon container size	2			50	100
Ornamental/ decorative fencing or wall	n/a 567	4 per 10 lineal ft.			57	228
Sub Totals				135		2500

Total Number of Points Provided 2635

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REVISIONS:

LANDSCAPE POINTS

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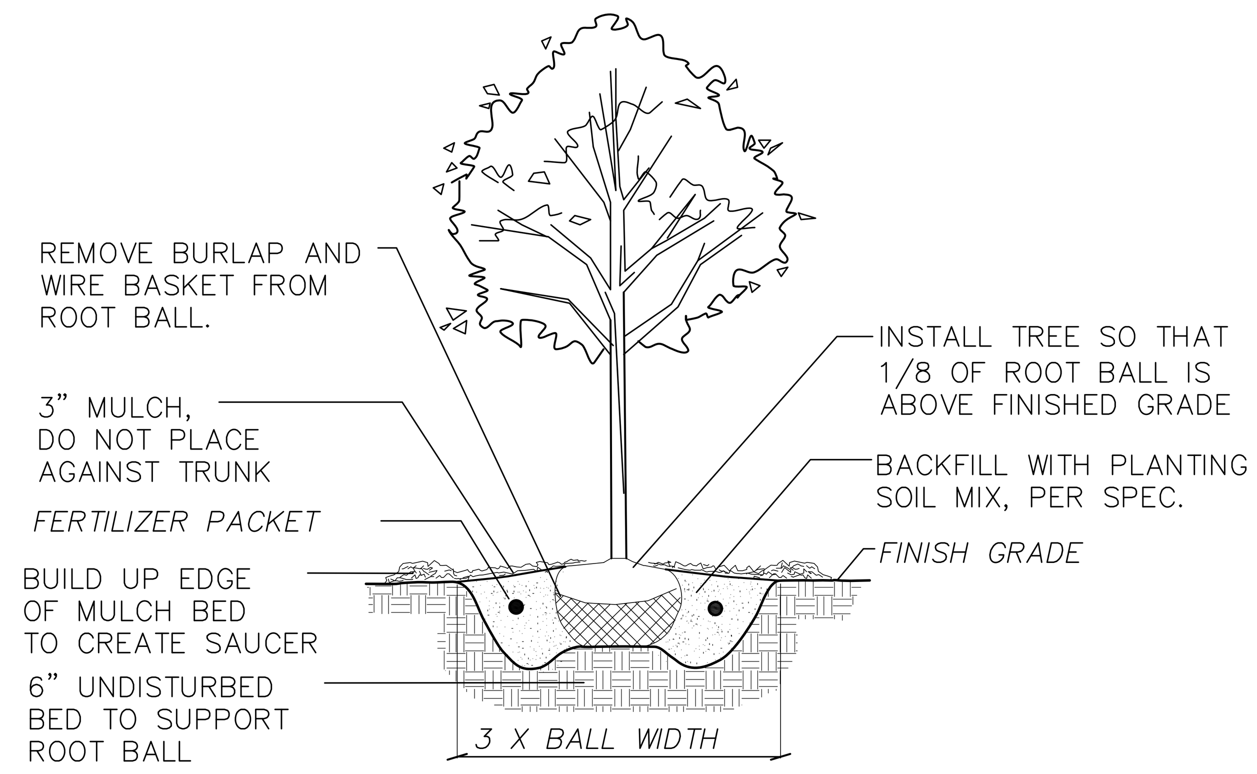
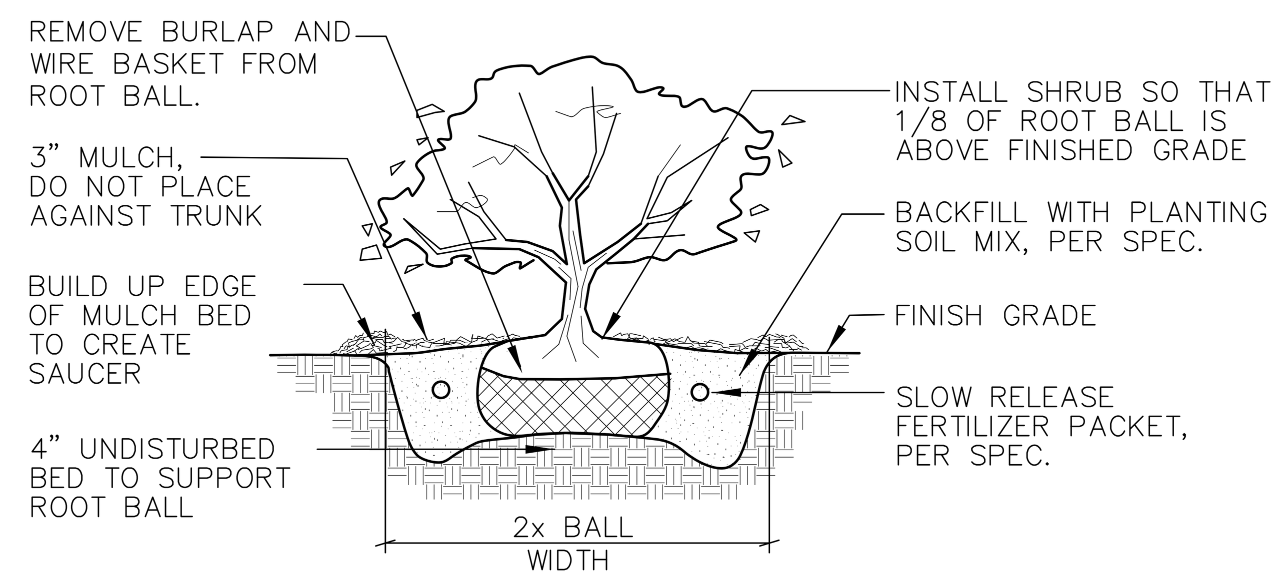
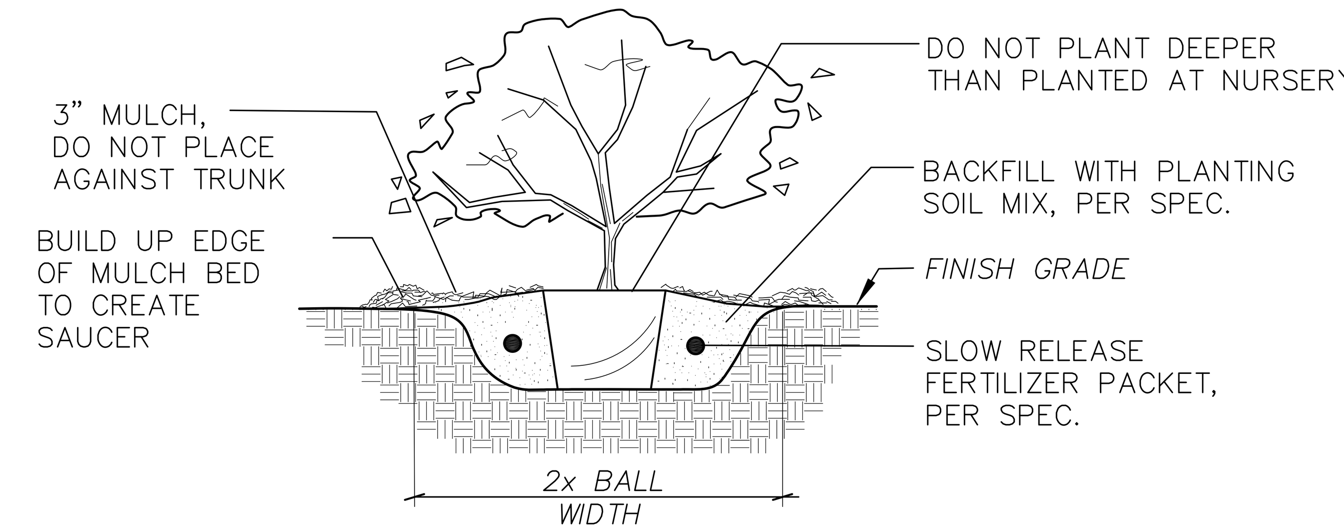


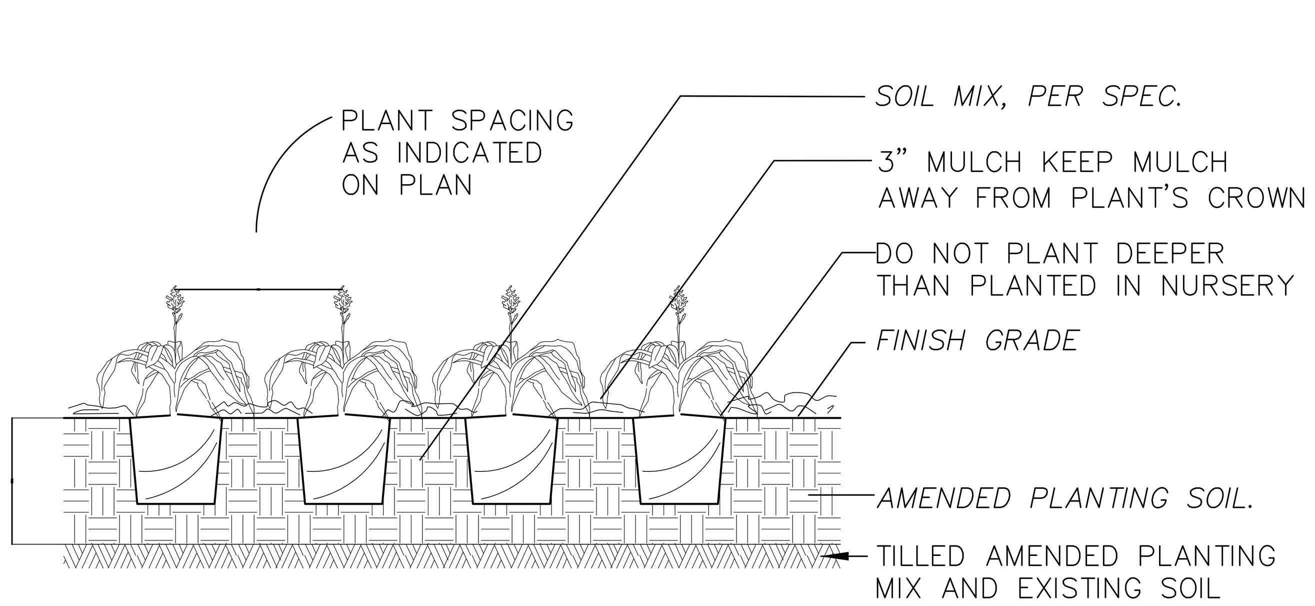
1 L102 B&B TREE PLANTING DETAIL NTS



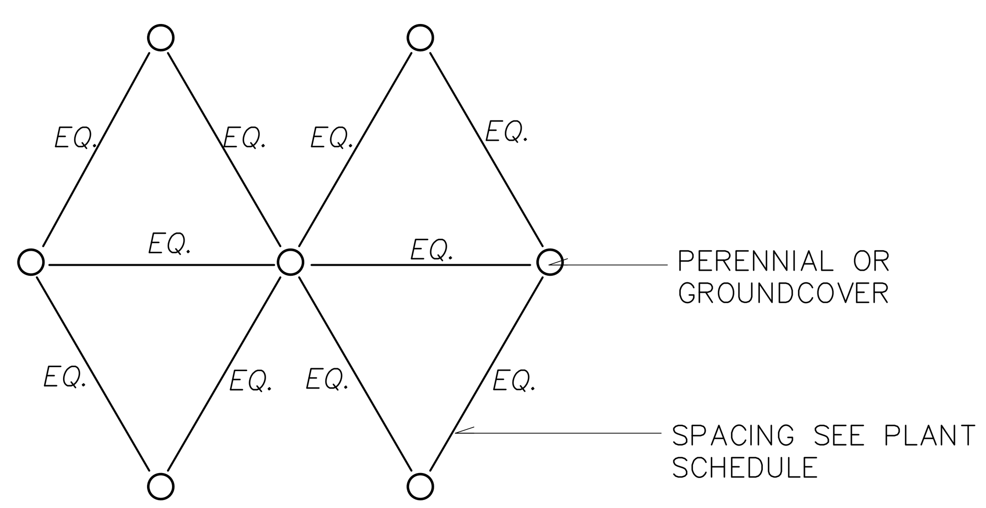
2 L102 B&B SHRUB PLANTING DETAIL NTS



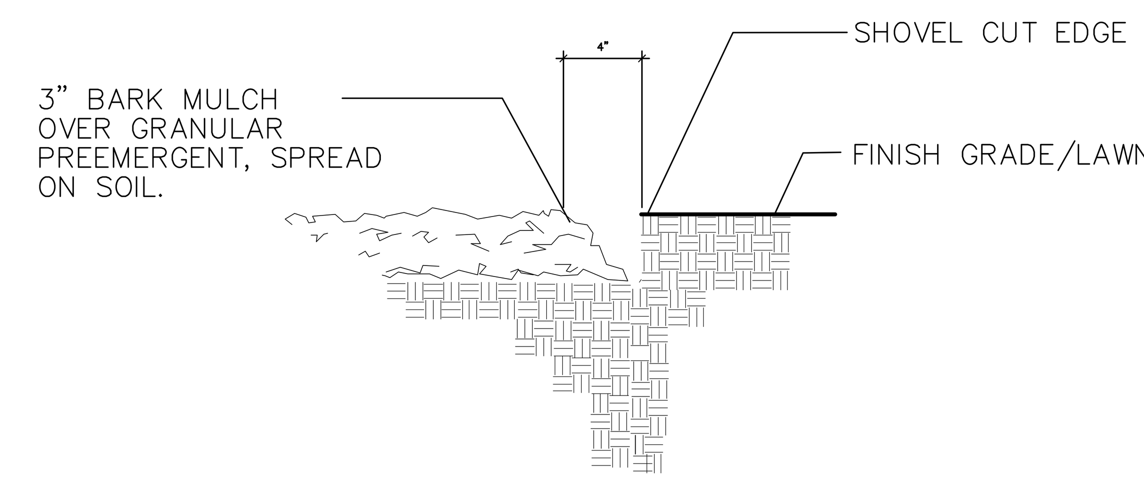
3 L102 CONTAINER PLANTING DETAIL NTS



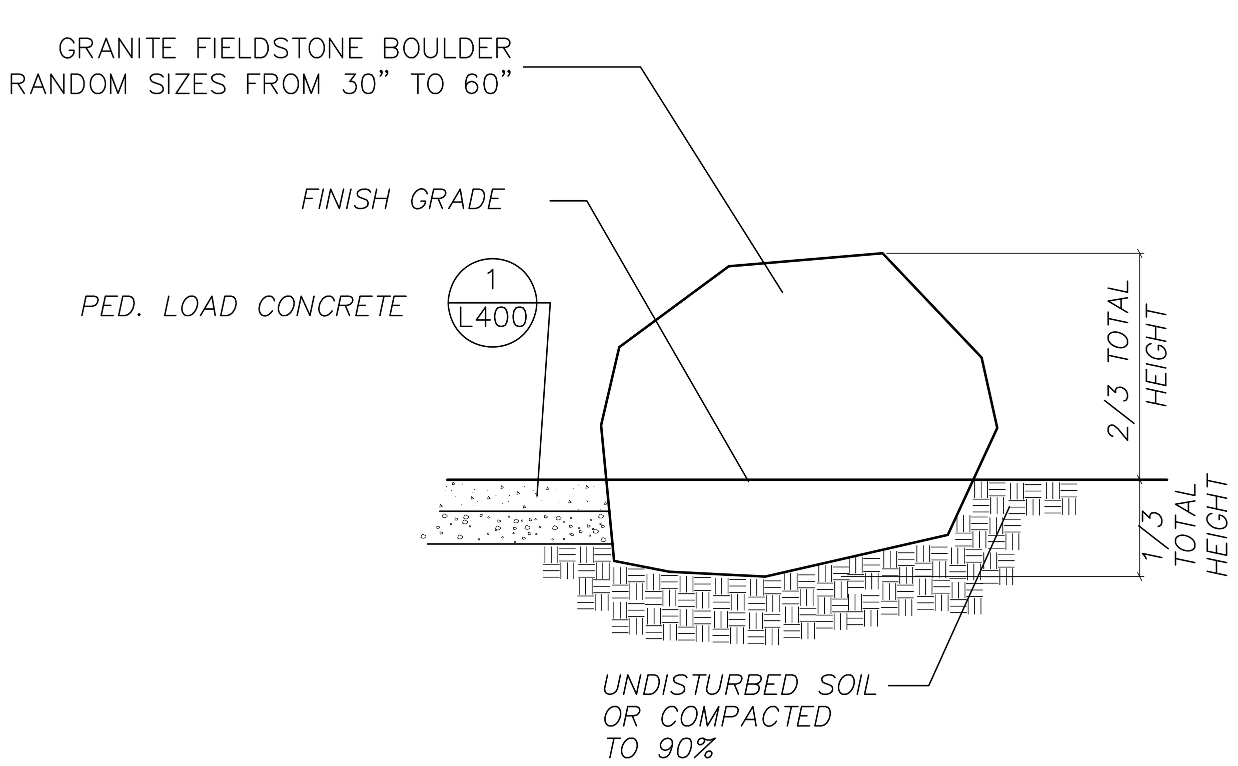
5 L102 GROUNDCOVER / PERENNIAL PLANTING DETAIL NTS



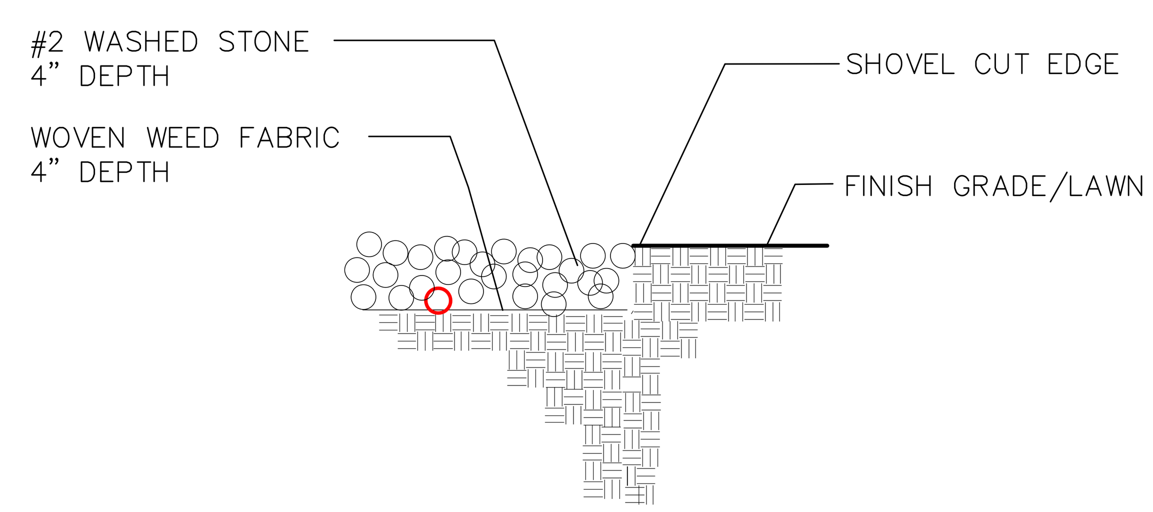
6 L102 PERENNIAL/GROUNDCOVER SPACING DETAIL NTS



7 L102 BARK MULCH/SHOVEL CUT EDGE DETAIL NTS



7 L102 GRANITE BOULDER DETAIL– SECTION SCALE: NTS



8 L102 GRAVEL DRIP STRIP NTS

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