

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

Date Submitted: <u>September 19, 2017</u>	Informational Presentation Initial Approval (Final Approval)
UDC Meeting Date: <u>October 4, 2017</u>	
Combined Schedule Plan Commission Date (if applicable): _____	

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

1. **Project Address:** 640 West Washington
Project Title (if any): The Washington Market

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

New Development Alteration to an Existing or Previously-Approved Development

A. Project Type:

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

B. Signage:

- Comprehensive Design Review* (public hearing-\$500 fee) Street Graphics Variance* (public hearing-\$300 fee)
 Signage Exception(s) in an Urban Design District (public hearing-\$300 fee)

Other:

Please specify: _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: James McFadden
Street Address: 380 W Washington
Telephone: (608) 251-1350 **Fax:** ()

Company: McFadden & Company
City/State: Madison, WI **Zip:** 53703
Email: mcfadden@mailbag.com

Project Contact Person: James McFadden
Street Address: _____
Telephone: () **Fax:** ()

Company: _____
City/State: _____ **Zip:** _____
Email: _____

Project Owner (if not applicant): Roger Charly
Street Address: 1230 Regent Street
Telephone: (608) 347-7911 **Fax:** ()

City/State: Madison, WI **Zip:** 53715
Email: rogerleecharly@gmail.com

4. Applicant Declarations:

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Al Martin on June 14, 2017.

(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 James McFadden Relationship to Property Architect
Authorized Signature _____ Date September 19, 2017

Letter of Intent

From: McFadden & Company
380 West Washington Avenue
Madison, Wisconsin 53703
(608) 251-1350 mcfadden@mailbag.com



To: Urban Design Commission
City of Madison DPCED
126 S. Hamilton
Madison, Wisconsin 53701

Date: September 19, 2017

Project: The Washington Market @ 640 West Washington

The UDC previously approved the improvements to the Depot for the Washington Market on August 2, 2017. This application asks for a review of the site work outside the building perimeter.

The site work includes the relocation of the existing locomotive and train cars. The locomotive and one of the passenger cars will be pulled forward towards West Washington Avenue to where they were originally placed in 1989. The rear most car, a club car with an observation deck, will be relocated onto new tracks laid approximately thirty-five to the north of its current location. The two remaining cars will be pushed back one car length back towards the Kohl Center.

This repositioning is being undertaken because currently the train cars block the view of and from the platform and casts the space into perpetual shadow. The shuffling of rolling stock will open up the center 200' of the Depot's platform and provide the Washington Market, the coffee shop and restaurant the necessary visibility, light and air they need to flourish.

The actual scope of the site work proposed is rather limited and will be staged. The initial phase will include the redevelopment of a 3,225 SF currently paved area too narrow to accommodate legal parking located at the western edge of the property. An 80' length of train track will be laid on new wood ties and ballast, new concrete walks installed and new trees planted along the West and North property lines abutting the rear of Kohl Center and the UW's Arts Lofts respectively.

The club car will be moved to the North, set back from the property lines and surrounded with walks on all sides to allow the easy flow of pedestrians to and from the Kohl Center, the Washington Market and West Washington Avenue. It will be provided with unobtrusive new stairs and an accessibility lift and will be pivoted 10° setting it perpendicular to the North Frances ROW slightly improving the visual closure to the southern end of the street.

The project will be phased. Phase I is limited to what is necessary to relocate the cars and allow work to commence on the building. The parking lot will be enlarged; site lighting replaced and storm water management improved as part of Phase II. The work is divided because the exact size, location and configuration of retention basins and other water control measures have not yet been exactly determined and may lead to some adjustments to the plan.

The repositioning of the train cars as shown on the accompanying plans was reviewed and approved by the Zoning Board of Appeals on August 24th. The plans for both phases including the relocation of the train cars have been reviewed and approved the Landmarks Commission earlier this year in February and again in May.

Construction Schedule:

Relocate Train Cars	November 2017
Start Canopy Enclosure	September 2017
Start Phase II Site Work	Spring 2018
Completion:	Summer 2018

Owner:

Roger Charly
1260 Regent Street
Madison, Wisconsin 53703

Architect:

James McFadden
McFadden & Company
380 West Washington Avenue
Madison, Wisconsin 53715

Landscape Architect:

Paul Skidmore
Skidmore Property Services, LLC
13 Red Maple Trail
Madison, Wisconsin 53717

Civil Engineer:

Peter Fortlage
Burse Surveying and Engineering
2801 International Lane
Madison, Wisconsin 53704

Phasing:

Phase I;

1. Relocate the existing rearmost train car on to new tracks located to the north of its existing location. Add new stairs and accessibility lift to the car.
2. Pull the existing locomotive and one passenger car forward and push the two remaining cars to the west. Replace stairs and add accessibility lifts.
3. Enclose the eastern portion of the existing canopied platform trackside and between the two existing buildings on the north side with operable glazed storefront to create a three-season market.
4. Expand the covered platform west of the Baggage House by 560 SF with a new framed wall on the north or parking lot side with a new standing seam roof over and to the north of the existing canopy.
5. Replace the jump platform on the west side of the Baggage House with a new steel egress stair.
6. Add walks, bike parking etc and upgrade parking adjacent to the new construction. Replace landscaping around the Baggage House and add trees to the north and west of the relocated train car.
7. The remainder of the site remains unchanged including the existing lighting, landscaping drives and buildings remain unchanged.

Phase II

1. Complete the storm water management plan.
2. Add parking as shown on Phase II plans but as modified as necessary by storm water management.
3. Replace the site lighting, resurface remaining parking area, upgrade landscaping, add new signage, etc.

North Frances - Vacated

West Mifflin - Vacated

18'-6"
10'
82'-6"
10'

Sitework Limit

41'

Project Scope:
Pull Locomotive & One Passenger Car Forward
Reposition Rear Club Car to the North onto New Tracks
Push Two Remaining Passenger Cars to the West
Renovate & Expand Western Portion of Parking Lot
Replace Lighting for Entire Parking Lot

Project Scope
640 West Washington
Urban Design Commission
August 28, 2017





View of Train Cars from West Washington



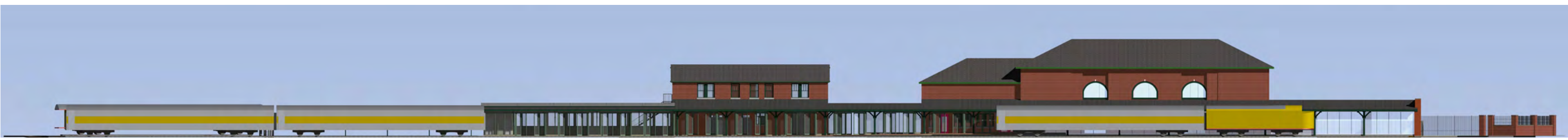
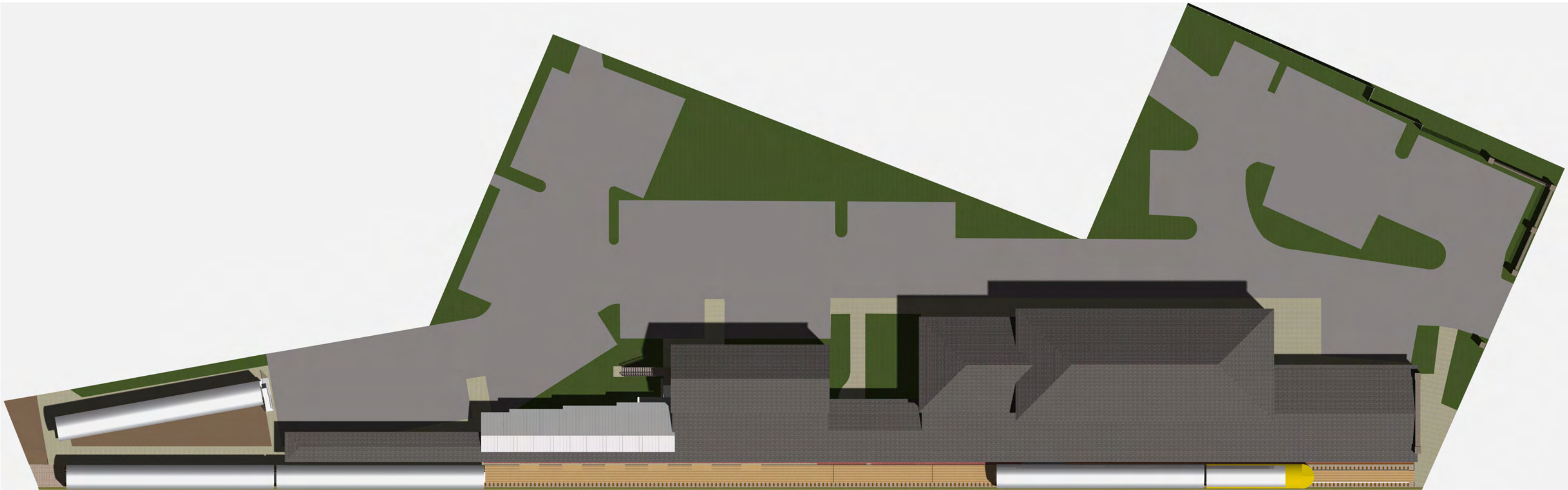
View of Proposed Relocation Site



View from North Frances

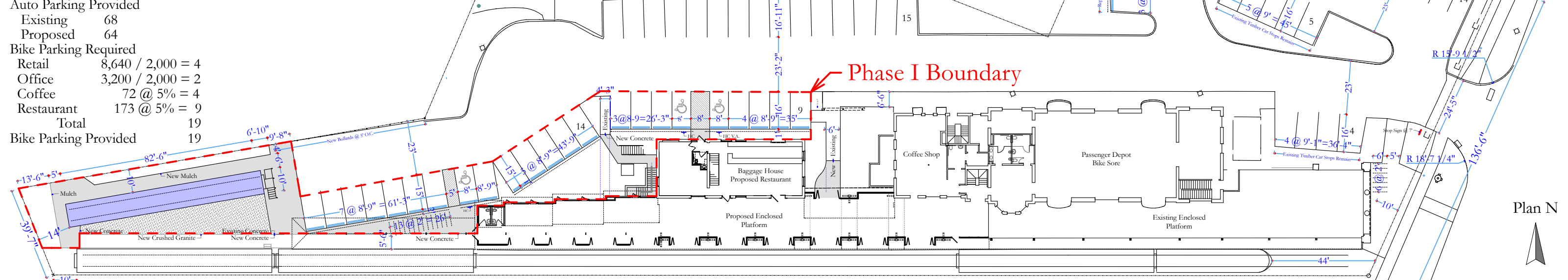


The Club Car to be Relocated



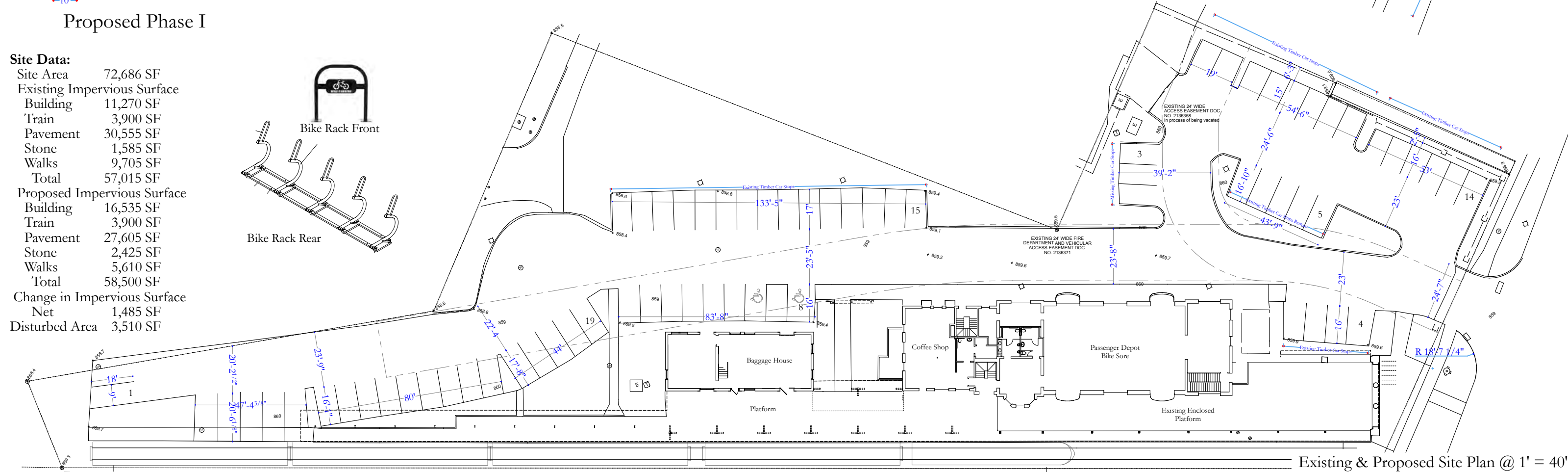
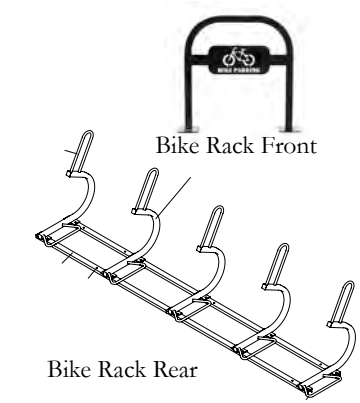
Parking Data:

Auto Parking Required	
General Retail	
Ground	3,980 SF
Platform	7,020
Upper	1,470
Total	12,470 SF @ 1/400 = 31 Min & @ 1/200 = 62 Max
Office	3,200 SF @ 1/400 = 8 Min & @ 1/250 = 13 Max
Coffee Shop	1,080 SF @ 1/15 SF = 72 Capacity
	@ 15% = 11 Min & @ 40% = 29 Max
Restaurant	2,060 SF @ 1/15 SF = 137 Capacity
	@ 15% = 21 Min & @ 40% = 69 Max
Total Parking Required	71 Min & 173 Max (63 Min with shared parking)
Auto Parking Provided	
Existing	68
Proposed	64
Bike Parking Required	
Retail	8,640 / 2,000 = 4
Office	3,200 / 2,000 = 2
Coffee	72 @ 5% = 4
Restaurant	173 @ 5% = 9
Total	19
Bike Parking Provided	19



Site Data:

Site Area	72,686 SF
Existing Impervious Surface	
Building	11,270 SF
Train	3,900 SF
Pavement	30,555 SF
Stone	1,585 SF
Walks	9,705 SF
Total	57,015 SF
Proposed Impervious Surface	
Building	16,535 SF
Train	3,900 SF
Pavement	27,605 SF
Stone	2,425 SF
Walks	5,610 SF
Total	58,500 SF
Change in Impervious Surface	
Net	1,485 SF
Disturbed Area	3,510 SF



Parking Data:

Auto Parking Required
General Retail

Ground	3,980 SF
Platform	7,020
Upper	1,470
Total	12,470 SF @ 1/400 = 31 Min & @ 1/200 = 62 Max
Office	3,200 SF @ 1/400 = 8 Min & @ 1/250 = 13 Max
Coffee Shop	1,080 SF @ 1/15 SF = 72 Capacity
	@ 15% = 11 Min & @ 40% = 29 Max
Restaurant	2,060 SF @ 1/15 SF = 137 Capacity
	@ 15% = 21 Min & @ 40% = 69 Max

Total Parking Required 71 Min & 173 Max

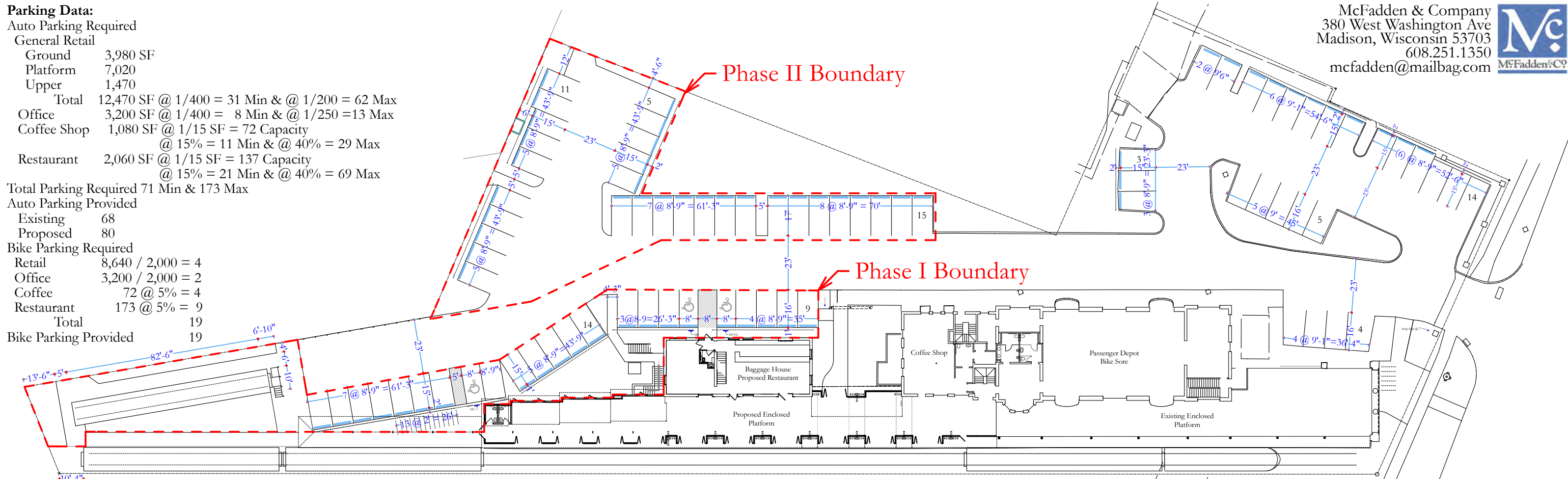
Auto Parking Provided

Existing	68
Proposed	80

Bike Parking Required

Retail	8,640 / 2,000 = 4
Office	3,200 / 2,000 = 2
Coffee	72 @ 5% = 4
Restaurant	173 @ 5% = 9
Total	19

Bike Parking Provided 19



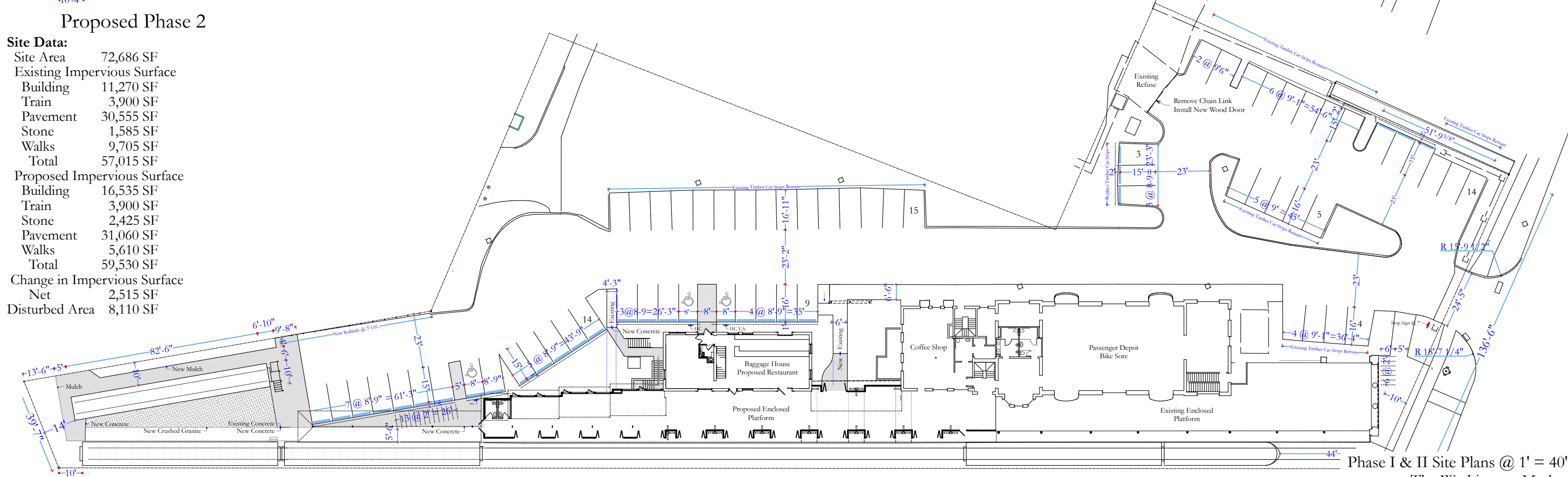
Proposed Phase 2

Site Data:

Site Area	72,686 SF
Existing Impervious Surface	
Building	11,270 SF
Train	3,900 SF
Pavement	30,555 SF
Stone	1,585 SF
Walks	9,705 SF
Total	57,015 SF
Proposed Impervious Surface	
Building	16,535 SF
Train	3,900 SF
Stone	2,425 SF
Pavement	31,060 SF
Walks	5,610 SF
Total	59,530 SF

Change in Impervious Surface

Net	2,515 SF
Disturbed Area	8,110 SF



Proposed Phase I

Note: Current review is limited to site work outlined in red. Phase II layout to be adjusted per storm control requirements



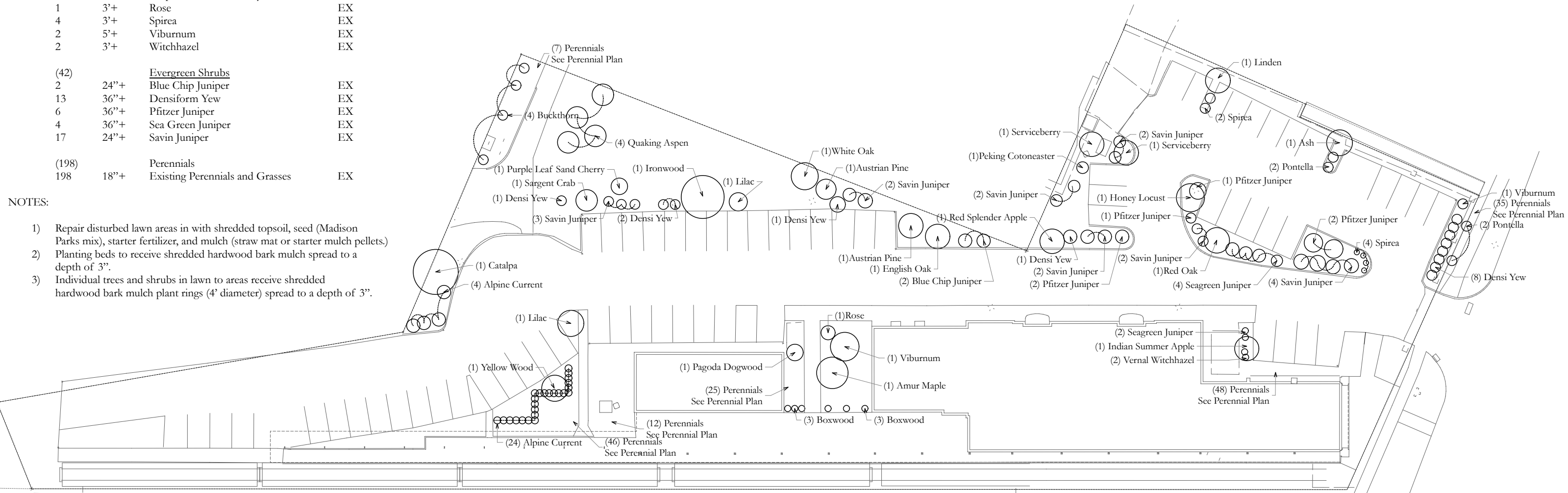
KEY	QUAN	SIZE	COMMON NAME	ROOT
<u>PLANT LIST</u>				
(12)	<u>Canopy Trees</u>			
1	12"+		Ash	EX
1	12"+		Catalpa	EX
1	12"+		English Oak	EX
1	12"+		Honeylocust	EX
1	12"+		Linden	EX
1	12"+		Honeylocust	EX
4	12"+		Quaking Aspen	EX
1	12"+		Red Oak	EX
1	12"+		White Oak	EX
(8)	<u>Ornamental Trees</u>			
1	6"+		Amur Maple	EX
1	6"+		Indian Summer Crab	EX
1	6"+		Ironwood	EX
1	10"+		Pagoda Dogwood	EX
1	6"+		Red Splendor Crab	EX
1	6"+		Sargent Crab	EX
2	6"+		Serviceberry	EX
(2)	<u>Evergreen Trees</u>			
2	25"+		Austrian Pine	EX
(45)	<u>Deciduous Shrubs</u>			
28	3"+		Alpine Current	EX
2	6"+		Lilac	EX
1	3"+		Peking Cotoneaster	EX
4	3"+		Potentilla	EX
1	6"+		Purple Leaf Sand Cherry	EX
1	3"+		Rose	EX
4	3"+		Spiraea	EX
2	5"+		Viburnum	EX
2	3"+		Witchhazel	EX

<u>LANDSCAPE WORKSHEET</u>	
<u>Zoning Classification:</u>	UMX
<u>Landscape Points Required</u>	
Developed Area =	58,500 SF
Landscape Points Required: 58,500/300 =	195 units
195 units x 5 points/unit =	<u>975 points</u>
<u>Total Landscape Points Required</u>	<u>975 points</u>
<u>Landscape Points Supplied</u>	
Existing canopy trees - 12 @ 35 =	420 points
Proposed canopy trees - 0 @ 35 =	0 points
Existing evergreen trees - 2 @ 35 =	70 points
Proposed evergreen trees - 0 @ 35 =	0 points
Existing ornamental trees - 8 @ 15 =	120 points
Proposed ornamental trees - 0 @ 15 =	0 points
Existing upright evergreen shrubs - 0 @ 10 =	0 points
Proposed upright evergreen shrubs - 0 @ 10 =	0 points
Existing deciduous shrubs - 45 @ 3 =	135 points
Proposed deciduous shrubs - 0 @ 3 =	0 points
Existing evergreen shrubs - 42 @ 4 =	168 points
Proposed evergreen shrubs - 0 @ 4 =	0 points
Existing perennials & grasses 198 @ 2 =	396 points
Proposed perennials & grasses 0 @ 2 =	0 points
<u>Total landscape points supplied =</u>	<u>1,309 points</u>

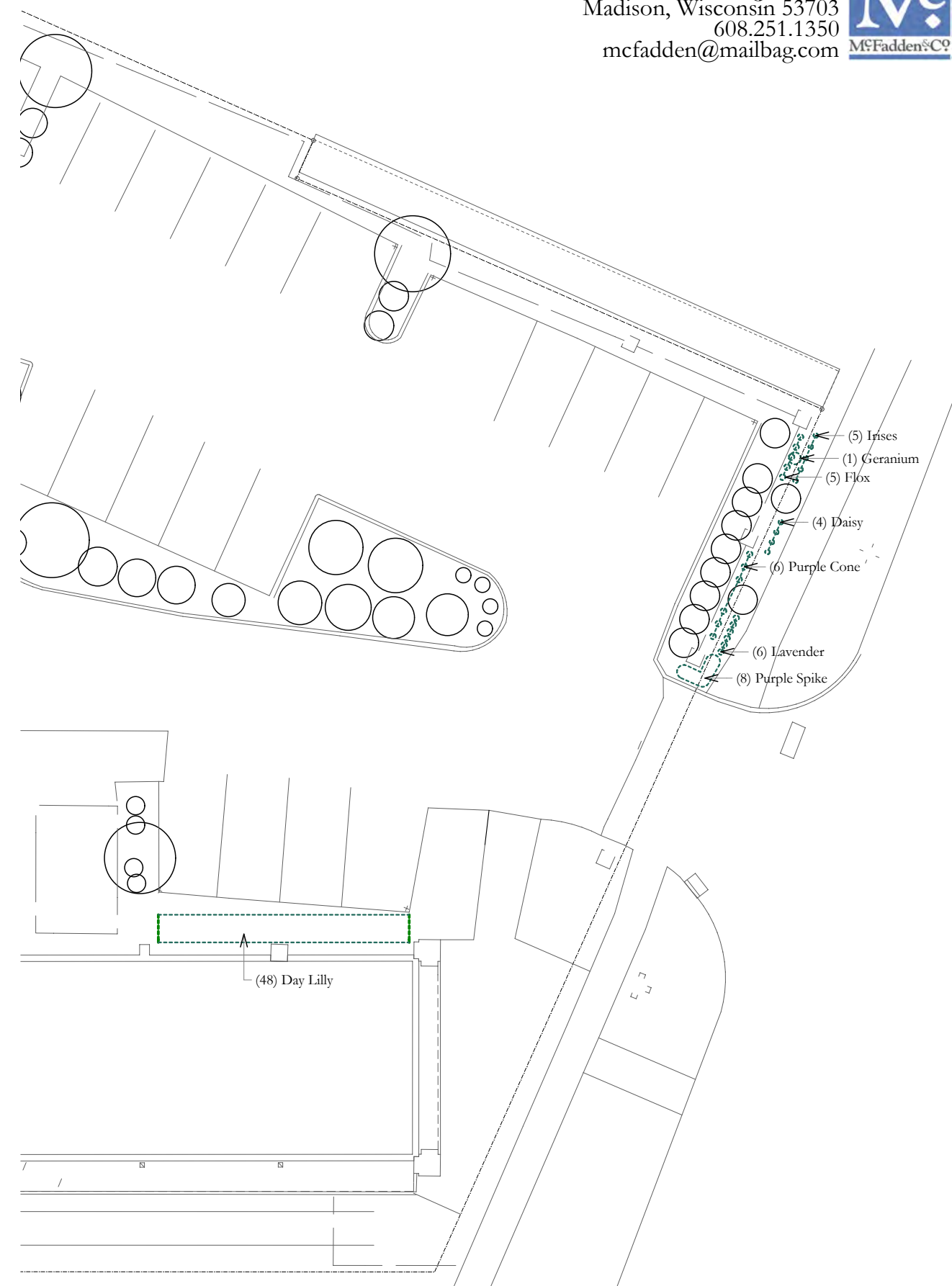
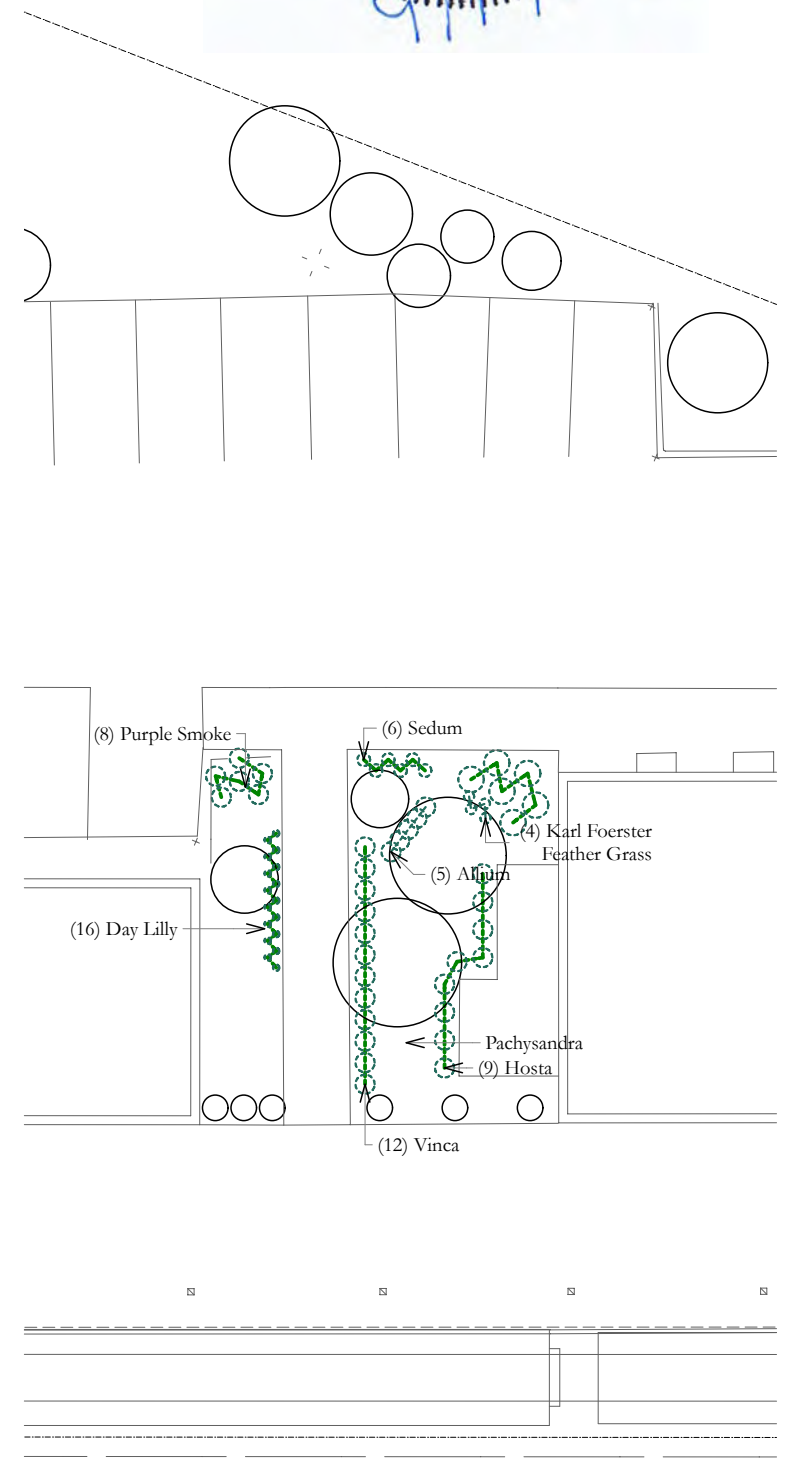
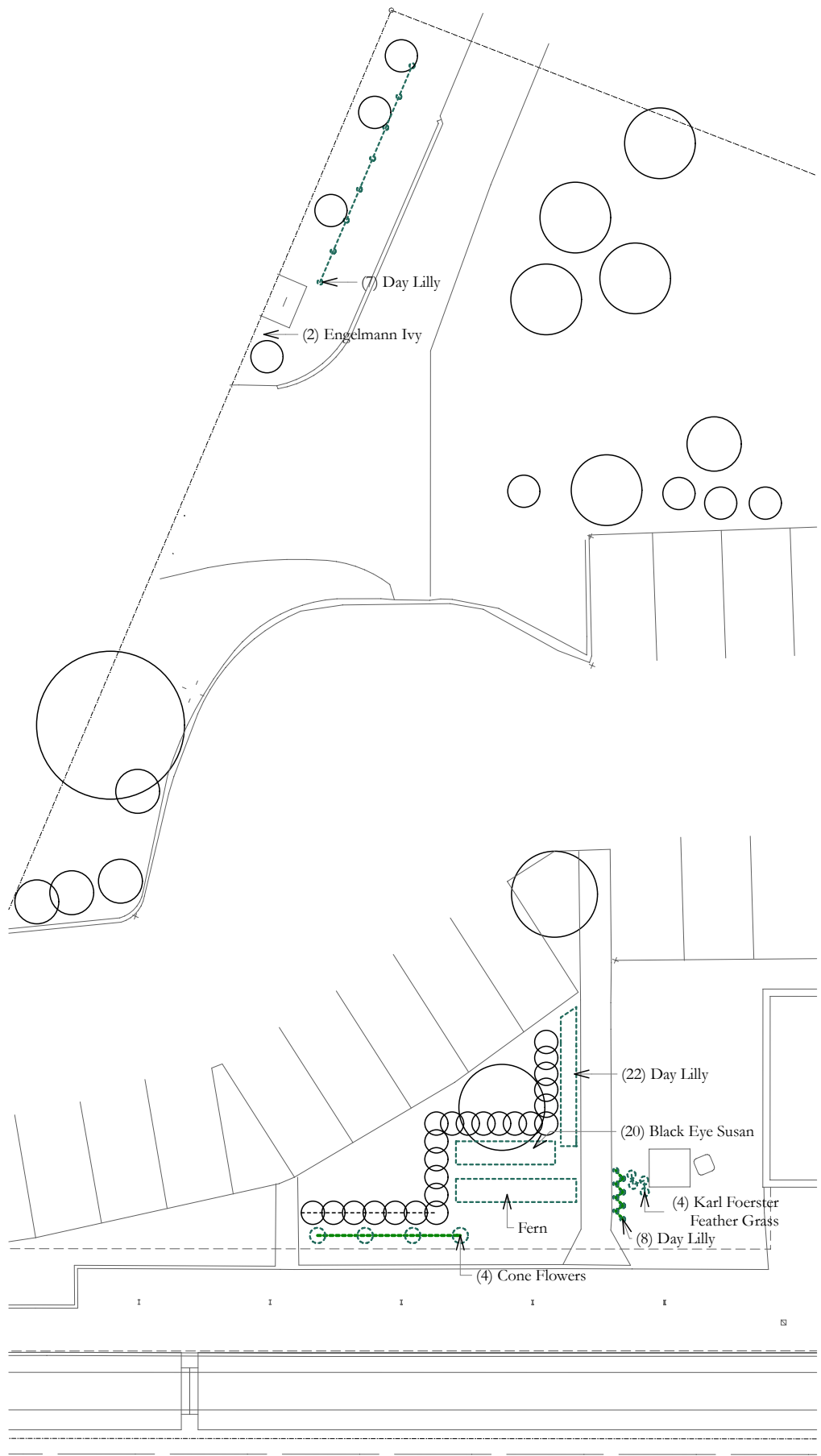


(42)	<u>Evergreen Shrubs</u>			
2	24"+		Blue Chip Juniper	EX
13	36"+		Densiform Yew	EX
6	36"+		Pfizer Juniper	EX
4	36"+		Sea Green Juniper	EX
17	24"+		Savin Juniper	EX
(198)	<u>Perennials</u>			
198	18"+		Existing Perennials and Grasses	EX

- NOTES:
- 1) Repair disturbed lawn areas in with shredded topsoil, seed (Madison Parks mix), starter fertilizer, and mulch (straw mat or starter mulch pellets).
 - 2) Planting beds to receive shredded hardwood bark mulch spread to a depth of 3".
 - 3) Individual trees and shrubs in lawn to areas receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3".



Existing Landscape Plan @ 1' = 40'
 The Washington Market
 640 W Washington, Madison, WI
 September 11, 2017



Existing Perennials to be Removed →

← Existing Perennials to Remain Phase I & II

Partial Landscape Plan Showing Perennials @ 1' = 20'



PLANT LIST

KEY	QUAN	SIZE	COMMON NAME	ROOT
(18)			<u>Canopy Trees</u>	
1	12"+		Ash	EX
1	12"+		Catalpa	EX
1	12"+		English Oak	EX
1	12"+		Honeylocust	EX
1	12"+		Linden	EX
1	12"+		Honeylocust	EX
4	12"+		Quaking Aspen	EX
1	12"+		Red Oak	EX
1	12"+		White Oak	EX
6	2 1/2"		Tatarian Maple	BB
(8)			<u>Ornamental Trees</u>	
1	6"+		Amur Maple	EX
1	6"+		Indian Summer Crab	EX
1	6"+		Ironwood	EX
1	10"+		Pagoda Dogwood	EX
1	6"+		Red Splendor Crab	EX
1	6"+		Sargent Crab	EX
2	6"+		Serviceberry	EX
(2)			<u>Evergreen Trees</u>	
2	25'+		Austrian Pine	EX
(21)			<u>Deciduous Shrubs</u>	
4	3'+		Alpine Current	EX
2	6'+		Lilac	EX
1	3'+		Peking Cotoneaster	EX
4	3'+		Potentilla	EX
1	6'+		Purple Leaf Sand Cherry	EX
1	3'+		Rose	EX
4	3'+		Spiraea	EX
2	5'+		Viburnum	EX
2	3'+		Witchhazel	EX
(52)			<u>Evergreen Shrubs</u>	
2	24"+		Blue Chip Juniper	EX
13	36"+		Densiform Yew	EX
6	36"+		Pfitzer Juniper	EX
4	36"+		Sea Green Juniper	EX
17	24"+		Savin Juniper	EX
10	18"		Green Velvet Box Wood	BB
(144)			<u>Perennials</u>	
144	18"+		Existing Perennials and Grasses	EX

LANDSCAPE WORKSHEET

Zoning Classification: UMX

Landscape Points Required

Developed Area = 58,500 SF

Landscape Points Required: 59,530/300 = 195 units
 185 units x 5 points/unit = 975 points

Total Landscape Points Required 975 points

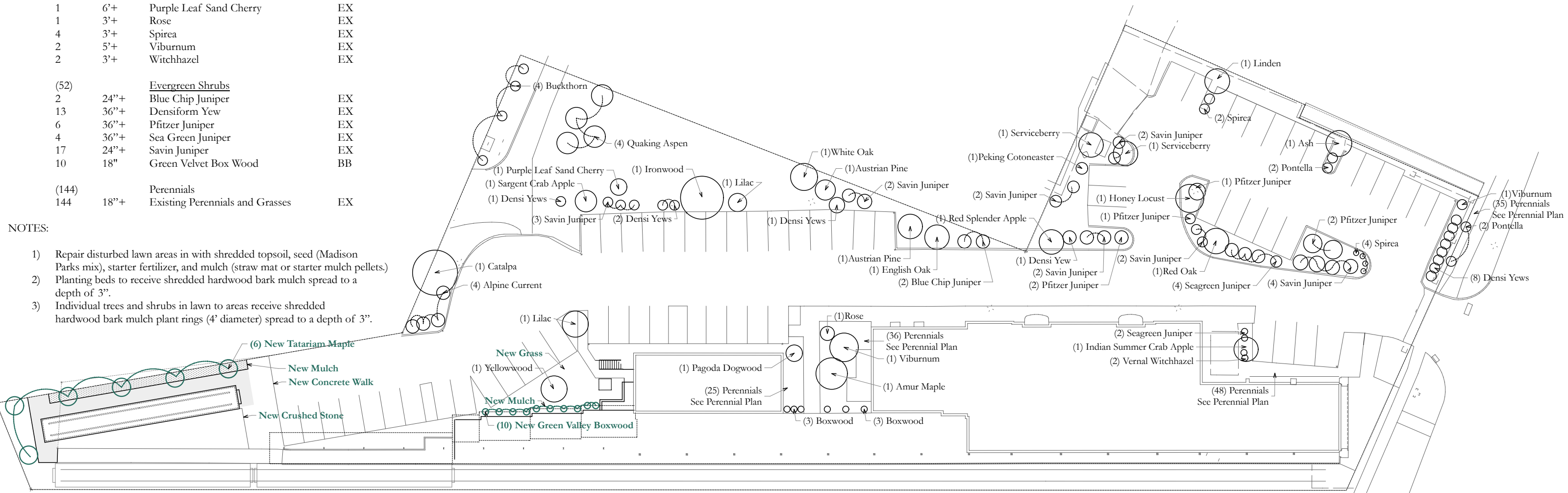
Landscape Points Supplied

Existing canopy trees - 12 @ 35 = 420 points
 Proposed canopy trees - 6 @ 35 = 210 points
 Existing evergreen trees - 2 @ 35 = 70 points
 Proposed evergreen trees - 0 @ 35 = 0 points
 Existing ornamental trees - 8 @ 15 = 120 points
 Proposed ornamental trees - 0 @ 15 = 0 points
 Existing upright evergreen shrubs - 0 @ 10 = 0 points
 Proposed upright evergreen shrubs - 0 @ 10 = 0 points
 Existing deciduous shrubs - 21 @ 3 = 63 points
 Proposed deciduous shrubs - 0 @ 3 = 0 points
 Existing evergreen shrubs - 42 @ 4 = 168 points
 Proposed evergreen shrubs - 10 @ 4 = 40 points
 Existing perennials & grasses 144 @ 2 = 288 points
 Proposed perennials & grasses 0 @ 2 = 0 points

Total landscape points supplied = 1,379 points



- NOTES:
- 1) Repair disturbed lawn areas in with shredded topsoil, seed (Madison Parks mix), starter fertilizer, and mulch (straw mat or starter mulch pellets.)
 - 2) Planting beds to receive shredded hardwood bark mulch spread to a depth of 3".
 - 3) Individual trees and shrubs in lawn to areas receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3".



Proposed Phase I Landscape Plan @ 1' = 40'
 The Washington Market
 640 W Washington, Madison, WI
 September 19 2017



PLANT LIST

KEY	QUAN	SIZE	COMMON NAME	ROOT
(23) Canopy Trees				
1	12"+	Ash	EX	
1	12"+	Catalpa	EX	
1	12"+	English Oak	EX	
1	12"+	Honeylocust	EX	
1	12"+	Linden	EX	
1	12"+	Honeylocust	EX	
4	12"+	Quaking Aspen	EX	
1	12"+	Red Oak	EX	
1	12"+	White Oak	EX	
9	2 1/2"	Tatarian Maple	BB	
2	2 1/2"	Sun Valley Red Maple	BB	
(8) Ornamental Trees				
1	6"+	Amur Maple	EX	
1	6"+	Indian Summer Crab	EX	
1	6"+	Ironwood	EX	
1	10"+	Pagoda Dogwood	EX	
1	6"+	Red Splendor Crab	EX	
1	6"+	Sargent Crab	EX	
2	6"+	Serviceberry	EX	
(2) Evergreen Trees				
2	25"+	Austrian Pine	EX	
(21) Deciduous Shrubs				
4	3'+	Alpine Current	EX	
2	6'+	Lilac	EX	
1	3'+	Peking Cotoneaster	EX	
4	3'+	Potentilla	EX	
1	6'+	Purple Leaf Sand Cherry	EX	
1	3'+	Rose	EX	
4	3'+	Spirea	EX	
2	5'+	Viburnum	EX	
2	3'+	Witchhazel	EX	
(63) Evergreen Shrubs				
2	24"+	Blue Chip Juniper	EX	
13	36"+	Densiform Yew	EX	
6	36"+	Pfitzer Juniper	EX	
4	36"+	Sea Green Juniper	EX	
17	24"+	Savin Juniper	EX	
21	18"	Green Velvet Box Wood	BB	
(144) Perennials				
144	18"+	Existing Perennials and Grasses	EX	

LANDSCAPE WORKSHEET

Zoning Classification: UMX

Landscape Points Required

Developed Area = 59,530 SF

Landscape Points Required: 59,530/300 = 198 units
 195 units x 5 points/unit = 990 points

Total Landscape Points Required 990 points

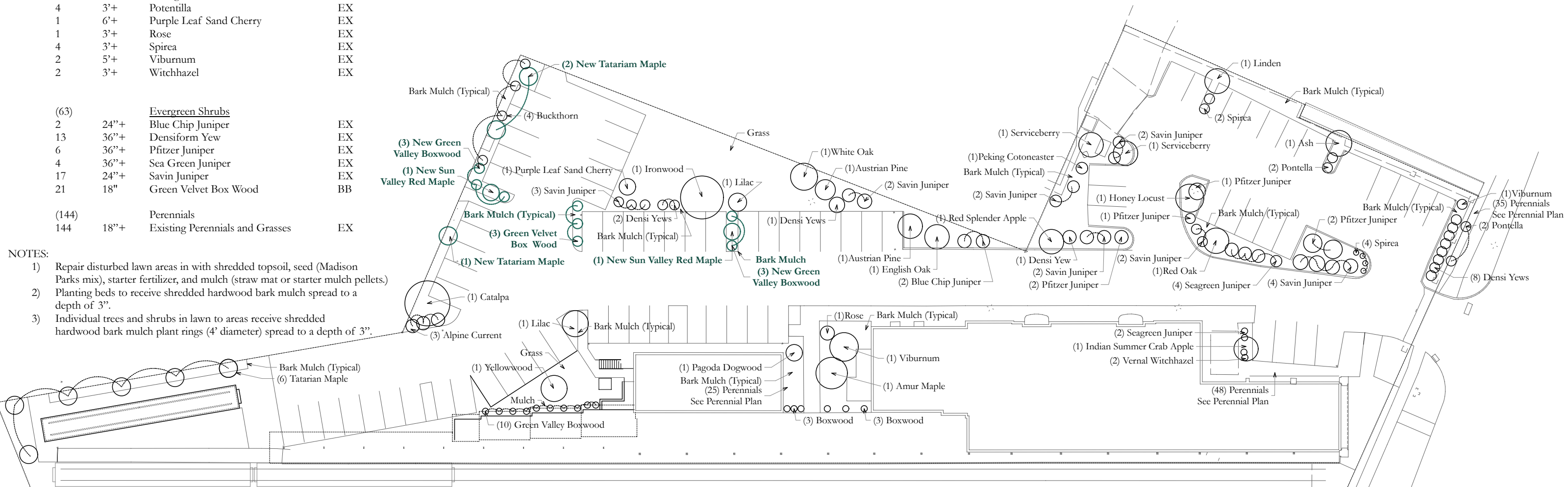
Landscape Points Supplied

Existing canopy trees - 12 @ 35 = 420 points
 Proposed canopy trees - 11 @ 35 = 385 points
 Existing evergreen trees - 2 @ 35 = 70 points
 Proposed evergreen trees - 0 @ 35 = 0 points
 Existing ornamental trees - 8 @ 15 = 120 points
 Proposed ornamental trees - 0 @ 15 = 0 points
 Existing upright evergreen shrubs - 0 @ 10 = 0 points
 Proposed upright evergreen shrubs - 0 @ 10 = 0 points
 Existing deciduous shrubs - 21 @ 3 = 63 points
 Proposed deciduous shrubs - 0 @ 3 = 0 points
 Existing evergreen shrubs - 42 @ 4 = 168 points
 Proposed evergreen shrubs - 21 @ 4 = 84 points
 Existing perennials & grasses 144 @ 2 = 288 points
 Proposed perennials & grasses 0 @ 2 = 0 points

Total landscape points supplied = 1,538 points



- NOTES:
- 1) Repair disturbed lawn areas in with shredded topsoil, seed (Madison Parks mix), starter fertilizer, and mulch (straw mat or starter mulch pellets.)
 - 2) Planting beds to receive shredded hardwood bark mulch spread to a depth of 3".
 - 3) Individual trees and shrubs in lawn to areas receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3".



VISION 8



WALL / CEILING / PENDANT MOUNT LED

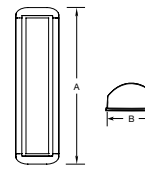
Fixture Type	Date
Job Name	Approved By
Customer Name	

SPECIFICATIONS

Description	The Vision 8 series features an all aluminum construction and optional wet location listing which allows it to be used in nearly any environmental condition. Designed in conjunction with an optometrist, the polycarbonate lens provides complete control of glare and lamp image while maintaining the high efficiency of clear optical material. The Vision 8 series can be row mounted to any length and can be equipped with energy efficient occupancy sensors. Natorium finish is standard for all versions of this fixture.
Housing	Marine grade heat treated extruded aluminum. Chemically primed and finished with robotically applied polyester powder coat.
Grill	Marine grade die cast aluminum finished with polyester powder coat and secured to housing with tamper resistant stainless steel machine screws.
Lens	Extruded UV stabilized opal polycarbonate with integral prisms. Maximum wall thickness 0.180". Secured to housing with the die cast aluminum clamps and stainless steel TORX® head screws.
End Caps	Die-cast marine grade aluminum with conduit knockouts that are visible from interior of end cap.
Drivers	Constant current driver at 700mA, 120-277V, 347V optional.
LED	Samsung LM561B+ series @ 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L ₇₀ projected life of over 130,000 hours at 50°C. Ten year warranty on LED boards against operational defects. Tested in accordance with LM-80.
UL Listing	U.L., C.U.L., Damp Standard, Wet optional.
Lifetime Warranty	Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.

DIMENSIONAL DATA

	A	B	C
VPF82	27.64	8.75	3.96
VPF83	37.87	8.75	3.96
VPF84	49.68	8.75	3.96



Luminaire LED
www.luminaireled.net

5 Sutton Place
P.O. Box 2469
Edison, NJ 08818
P: 732.549.0056
F: 732.549.9737

Luminaire LED Incorporated products are manufactured in the USA with components purchased from USA sources. Please see the website for the full disclaimer regarding the use of the word "LED" in the product name. For more information, please contact our website for current product information.
Rev: 06/17

McGraw-Edison
www.mcgraw-edison.com

McGraw-Edison

Project #	Type
Project	Date
Comments	
Prepared by	

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP68 rated and ULcUL Listed for wet locations.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sink. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 30 vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP68 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 270K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP68 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 800mA, 800mA and 1200mA drive currents (nominal).

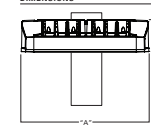
Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the

arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

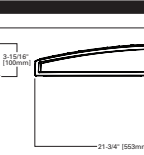
Finish
Housing finished in super durable TSC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

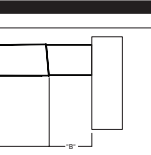
DIMENSIONS



Dimension	Value
A	27.64
B	8.75
C	3.96



Dimension	Value
A	27.64
B	8.75
C	3.96

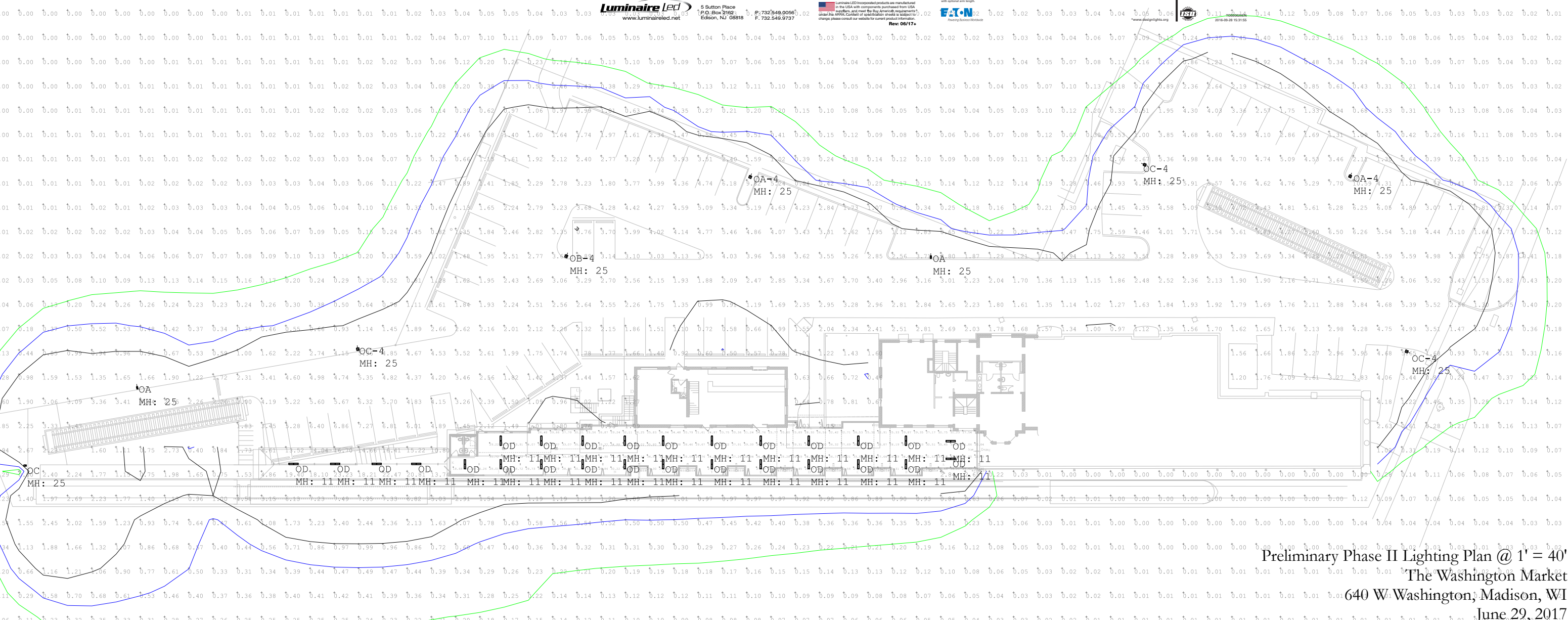


Type	Size	Quantity
1/4"	15/16"	2
5/8"	21/32"	2
3/8"	27/32"	2
3/16"	33/32"	2

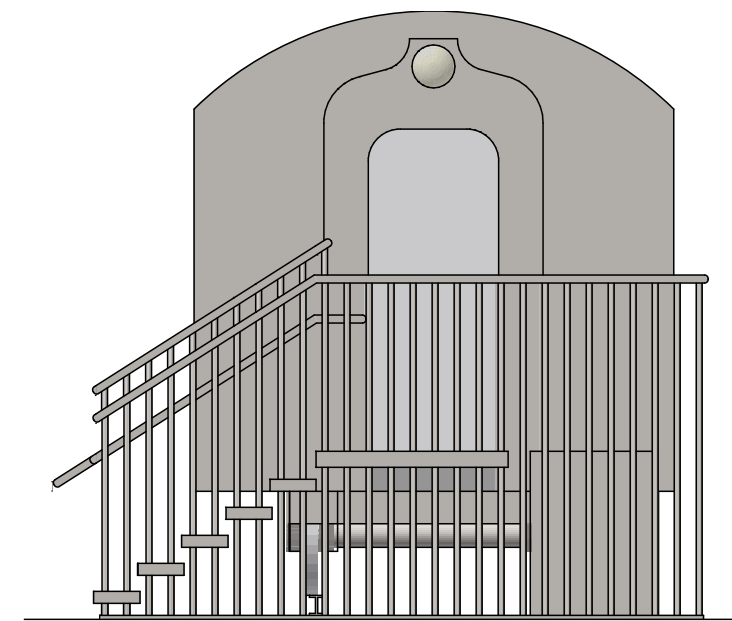
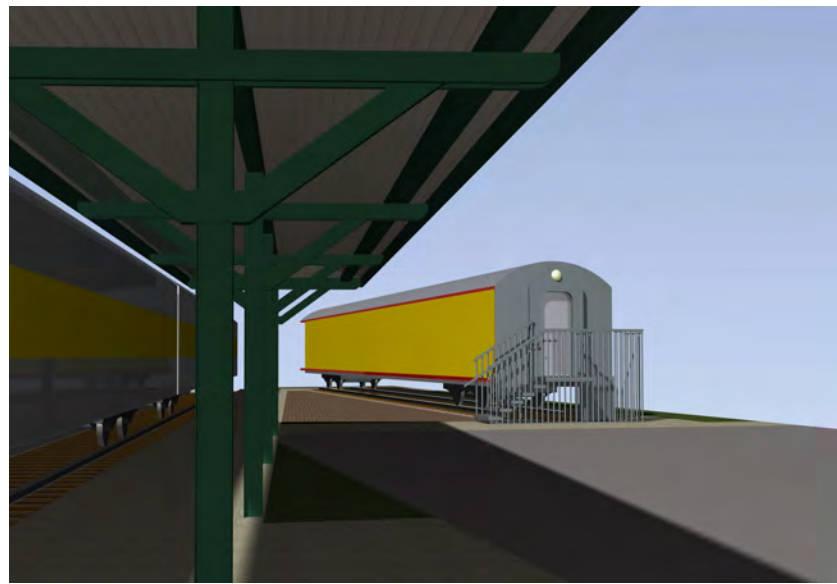
CERTIFICATION DATA
UL Listed
IEC 60598-2-22
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IEC 60598-2-27
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IEC 60598-2-99
IEC 60598-2-100

ENERGY DATA
Electronic LED Driver
+3.3 Power Factor
+20% Total Harmonic Distortion
120V/277V/50/60Hz
347V & 480V 60Hz
40°C Max. Temperature
40°C Max. Temperature
80°C Max. Temperature (HA Option)

Qty	Label	LLF	Description
2	OA	0.950	McGraw-Edison: GLEON-AF-02-LED-E1-SL3-BZ
2	OA-4	0.950	McGraw-Edison: GLEON-AF-04-LED-E1-SL3-BZ
1	OB-4	0.950	McGraw-Edison: GLEON-AF-04-LED-E1-5MQ-BZ
1	OC	0.950	McGraw-Edison: GLEON-AF-02-LED-E1-SL4-BZ
3	OC-4	0.950	McGraw-Edison: GLEON-AF-04-LED-E1-SL4-BZ
27	OD	0.880	Luminaire: VPF84-100W-4000K-120/277-OP-COLOR



Preliminary Phase II Lighting Plan @ 1' = 40'
The Washington Market
640 W Washington, Madison, WI
June 29, 2017



View from the Canopy

View from the Baggage House

East Elevation - Club Car @ 1/4"=1'-0"



North Elevation - Club Car @ 1/6"=1'-0"



South Elevation - Club Car @ 1/6"=1'-0"

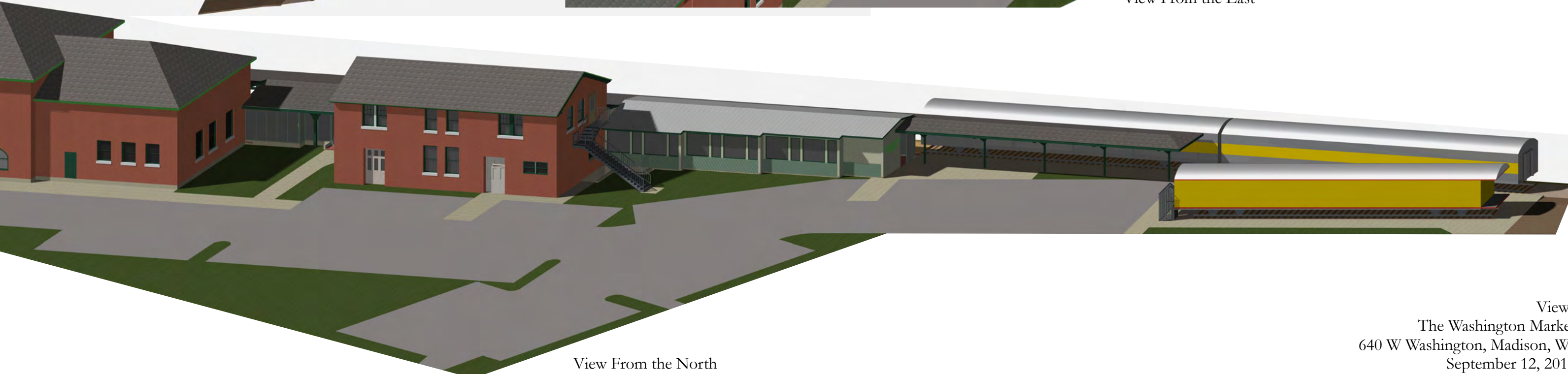


North Elevation @ 1'=30'



View From the West

View From the East



View From the North