



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: <u>5/13/15</u>	<input type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>5/20/15</u>	<input checked="" type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 11 NORTH 7TH STREET
Project Title (if any): ASSUMPTION GREEK ORTHODOX CHURCH

2. This is an application for (Check all that apply to this UDC application):
 New Development Alteration to an Existing or Previously-Approved Development

A. Project Type:

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

B. Signage:

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

C. Other:

Please specify: _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: DAVID FERCH
Street Address: 2704 GREGORY ST.
Telephone: (608) 238-6900 Fax: ()

Company: FERCH ARCHITECTURE
City/State: MADISON, WI Zip: 53711
Email: david@fercharchitecture.com

Project Contact Person: DAVID FERCH
Street Address: 2704 GREGORY ST
Telephone: (608) 238-6900 Fax: ()

Company: FERCH ARCHITECTURE
City/State: MADISON, WI Zip: 53711
Email: david@fercharchitecture.com

Project Owner (if not applicant): ASSUMPTION GREEK ORTHODOX CHURCH
Street Address: 11 NORTH 7TH STREET
Telephone: (608) 244-1001 Fax: (608) 244-1565

City/State: MADISON, WI Zip: 53704
Email: greekchn@execpc.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 3/12/15.
(name of staff person) (date of meeting)

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

Name of Applicant DAVID FERCH

Relationship to Property AGENT / ARCHITECT

Authorized Signature [Signature]

Date 5.13.15

FERCH ARCHITECTURE

2704 Gregory Street, Madison, WI 53711 (608) 238-6900

May 11, 2015

Project: 01420

Urban Design Commission
215 Martin Luther King Jr. Blvd
Madison, WI 53701

RE: Letter of Intent – Assumption Greek Orthodox Church Building Addition

Dear Plan Commission Members:

History

On May 15, 2006 the Hellenic Orthodox Community of Madison Wisconsin, a Wisconsin non-stock corporation (aka Assumption Greek Orthodox Church), was granted a demolition permit to demolish a former gas station building on a corner parcel adjacent to their church on East Washington Avenue. The intent of the demolition was first to increase the church's presence on East Washington with a landscaped parking lot and second to have buildable area for a future accessible lobby building addition.

The church did proceed with the building demolition that year and has been monitoring groundwater on the site. The parking lot pavement and landscaping was never completed, the corner lot is currently still in a gravel state. With what appears to be the Department of Natural Resources environmental monitoring activities coming to an end in the next few months the church has proceeded with the planning and fund raising for the church building addition. The drawings attached are for that building lobby addition.

Project Description

The proposed project consists of a 1-story lobby addition providing an elevator to serve both the sanctuary and also the lower level social hall. The lobby will also link the church narthex with the existing classroom wing. The lobby will also have a vehicular drop off entry and accessible parking by the main door. The addition will also provide a pastor's office and also additional classroom space in the lower level. With this addition there will also be some other minor interior remodeling to some existing classroom areas.

Zoning

The property is currently zoned Traditional Shopping Street District. The church is a permitted use in this zoning category. The proposed building addition and drawings attached meet all the dimensional and design standards for the zoning category. In addition to the building addition the remainder of the property will also be brought up to the current zoning standards for vehicular parking, bike parking, landscaping, site lighting and property screening.

Building Exterior

The building addition exterior has been designed to pick up design elements of the existing building, both the arched windows and the octagon element of the existing octagonal spire. The design also incorporates a Greek Orthodox Mediterranean aesthetic that integrates with the interior sanctuary decoration.

The exterior materials of the existing building will also be used on the new addition. The two existing bricks will be matched. Smooth synthetic stucco, proposed on the upper portion of the building, will be substituted for the epoxy aggregate material that is below the existing windows and that is on the existing steeple.

The existing church steeple will be modified slightly to give it better proportions. There is also an optional bell tower shown with this proposal that may be built at some time in the future.

Development Team

The architect is Ferch Architecture. The structural engineer is Pierce Engineers. The lighting engineer is Hein Engineering Group. The landscape designer is Outdoor Arts Landscape. The general contractor is NCI Roberts Construction Inc.

Thank you for your time in reviewing this proposal.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "DAVID FERCH". The signature is stylized with a large, looped "D" and "F".

David Ferch

PROJECT
**ASSUMPTION
GREEK
ORTHODOX
CHURCH
ADDITION**

11 North 7th Street
Madison, WI 53719

ARCHITECT
**FERCH
ARCHITECTURE**

2704 Gregory Street,
Madison, WI 53711
608-238-6900
david@fercharchitecture.com



IMAGE SKETCH WITH BELL TOWER

No.	Date	Revision
	5/11/15	

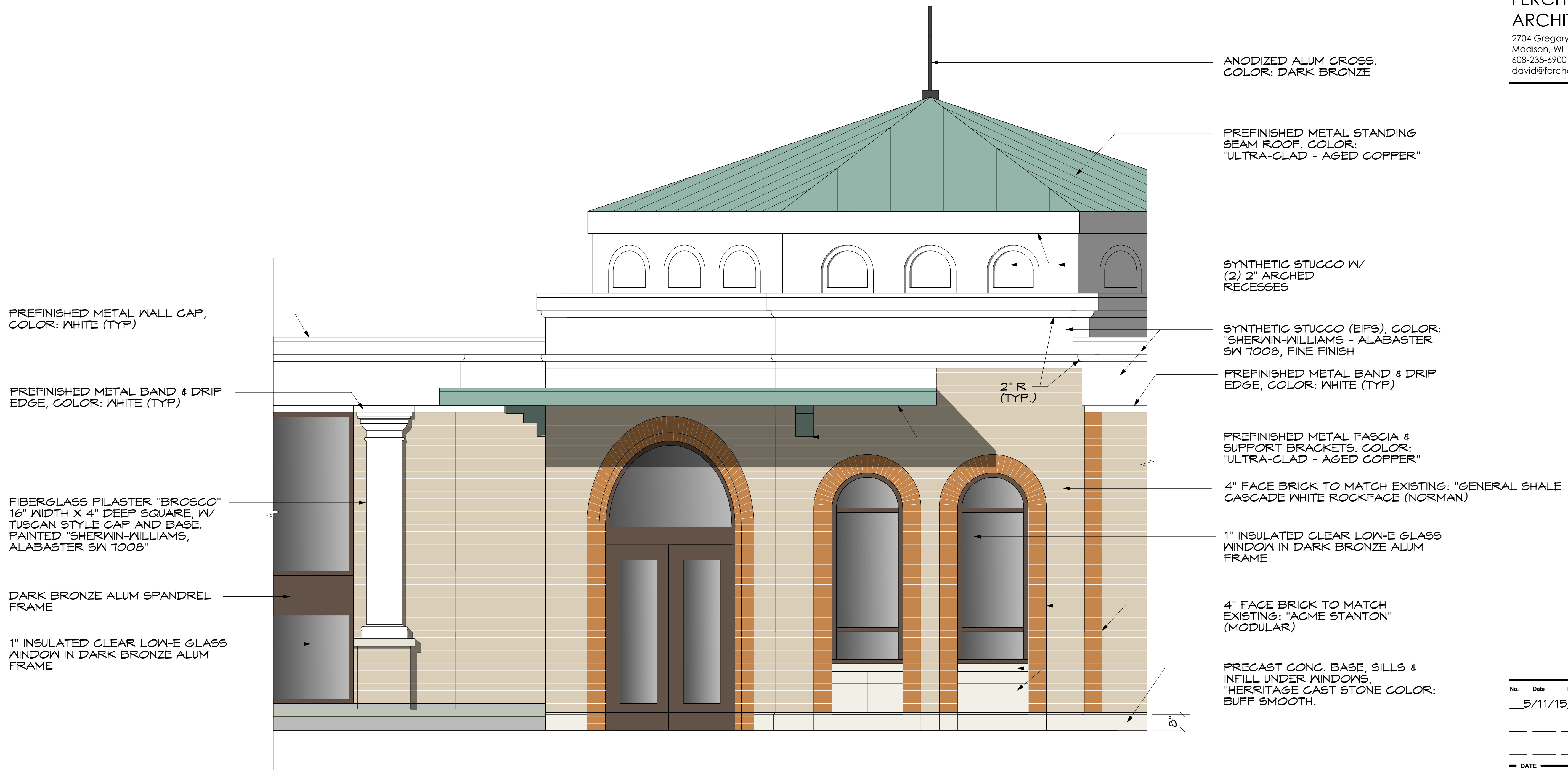
DATE	01420	4/6/15
Project No.		Date
SHEET NO.		

ASSUMPTION GREEK ORTHODOX CHURCH ADDITION

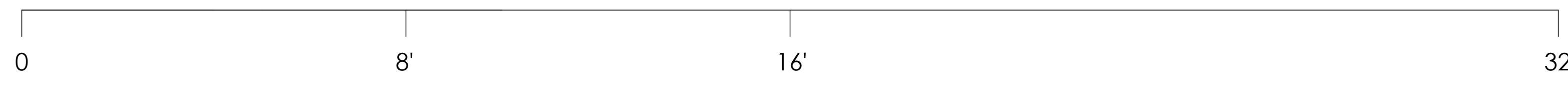
11 North 7th Street
Madison, WI 53719

FERCH ARCHITECTURE

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MATERIALS AND COLORS PARTIOAL ELEVATION



No.	Date	Revision
	5/11/15	

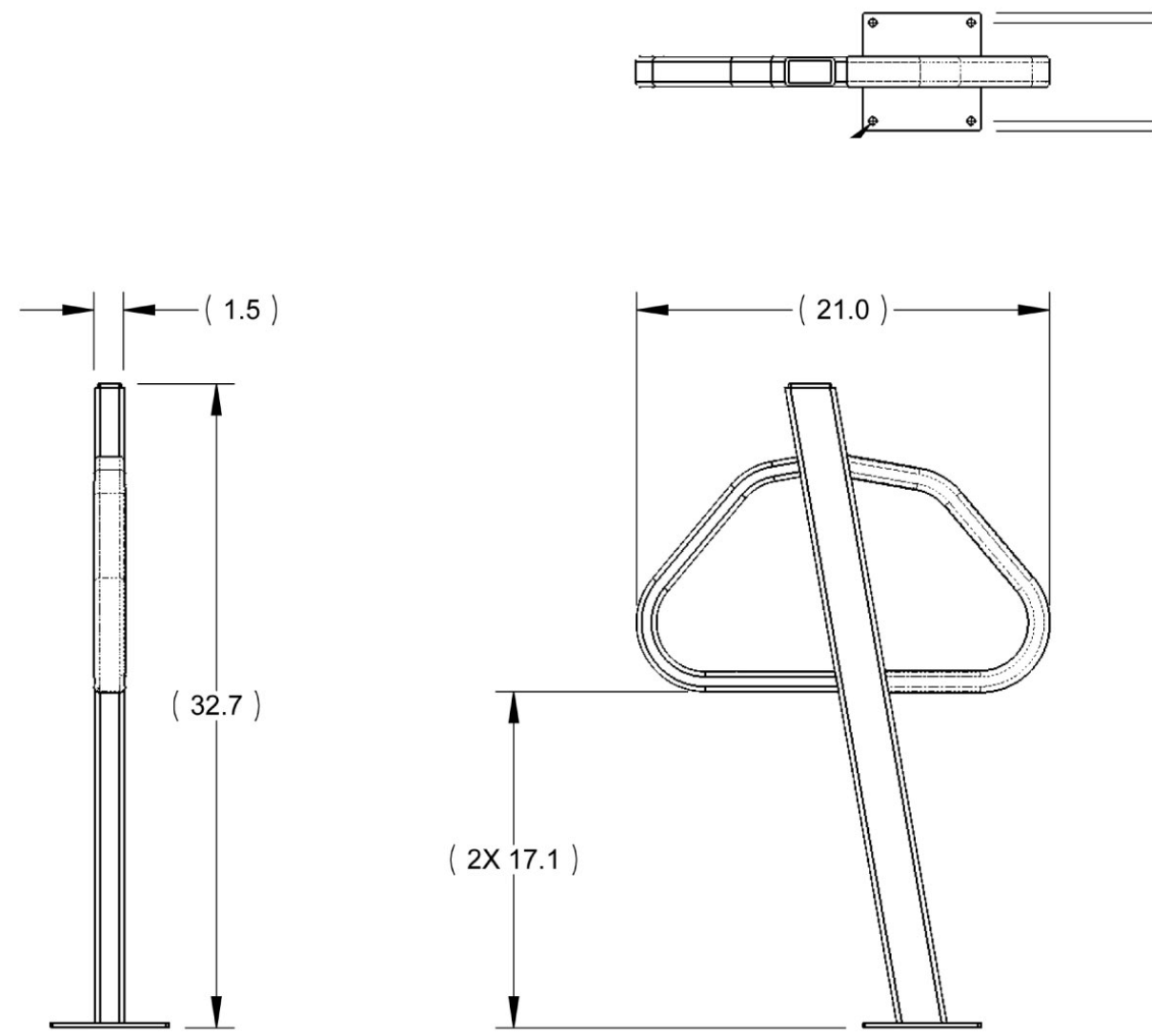
DATE	01420	4/16/15
Project No.		Date
SHEET NO.		

**ASSUMPTION
GREEK
ORTHODOX
CHURCH
ADDITION**

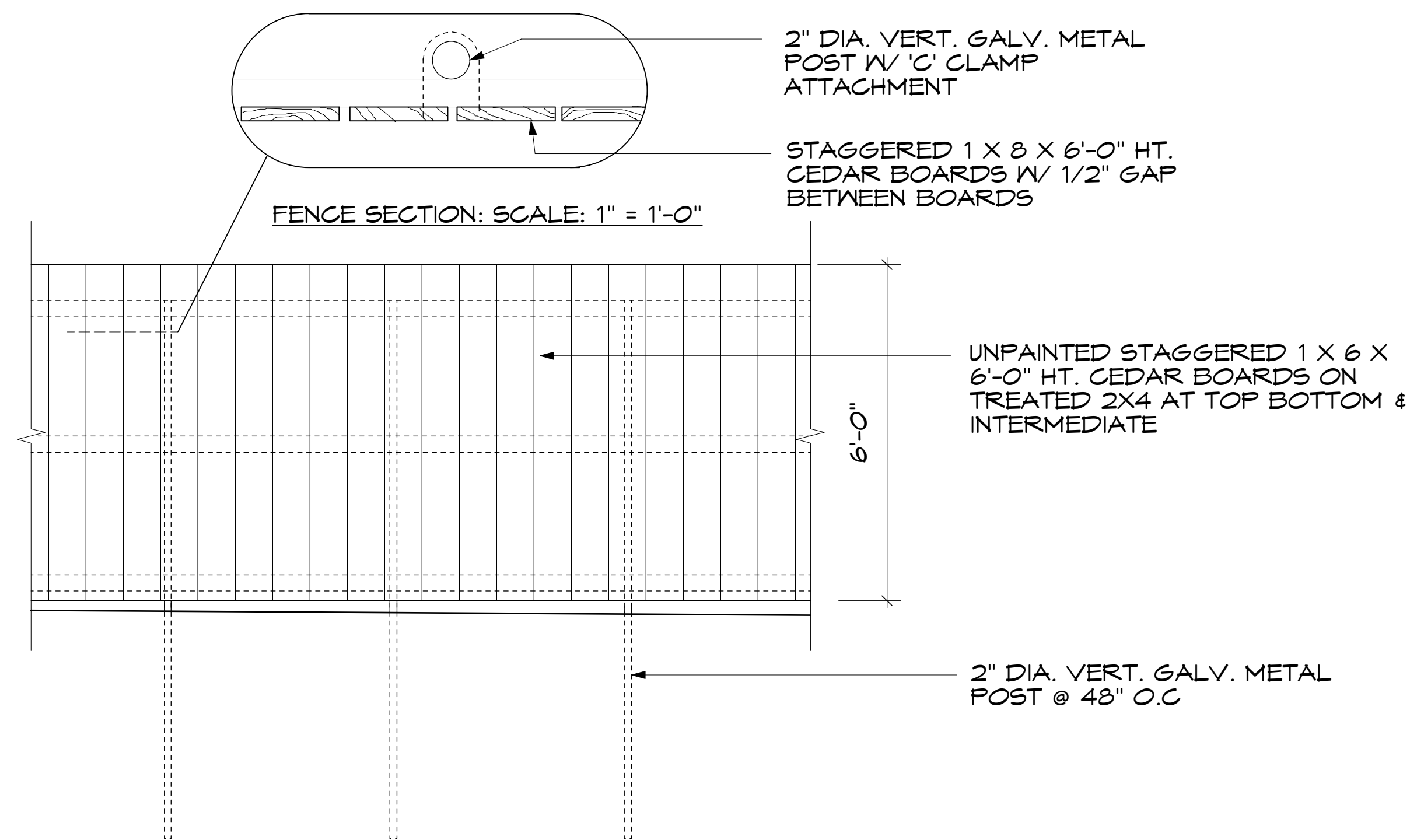
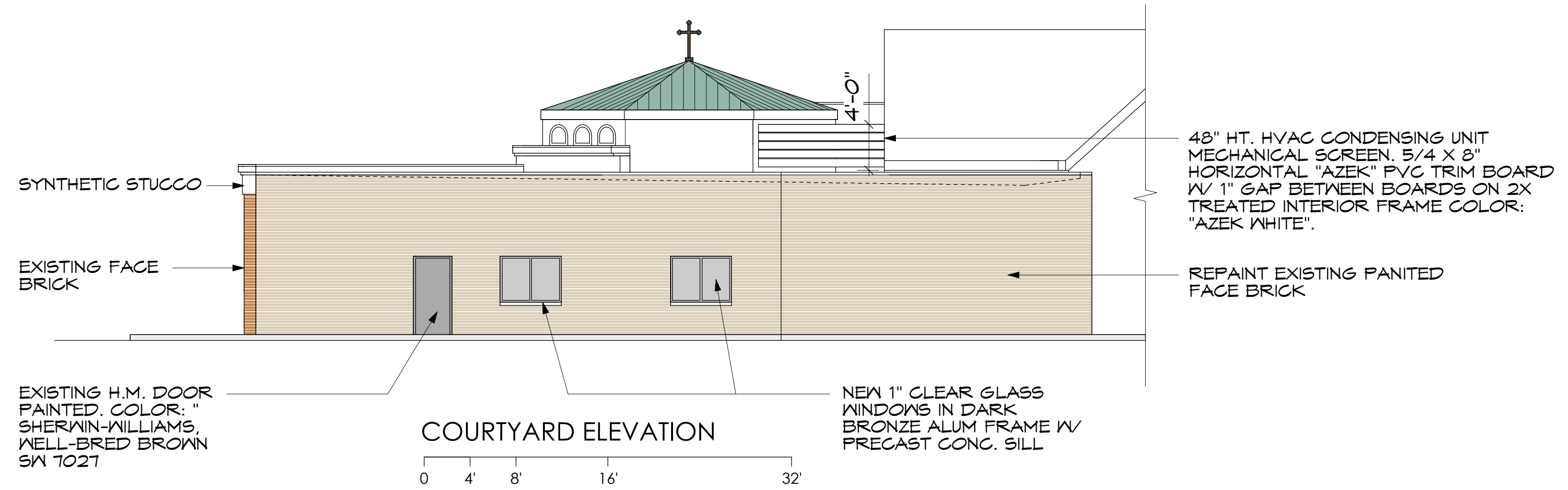
11 North 7th Street
Madison, WI 53719

**FERCH
ARCHITECTURE**

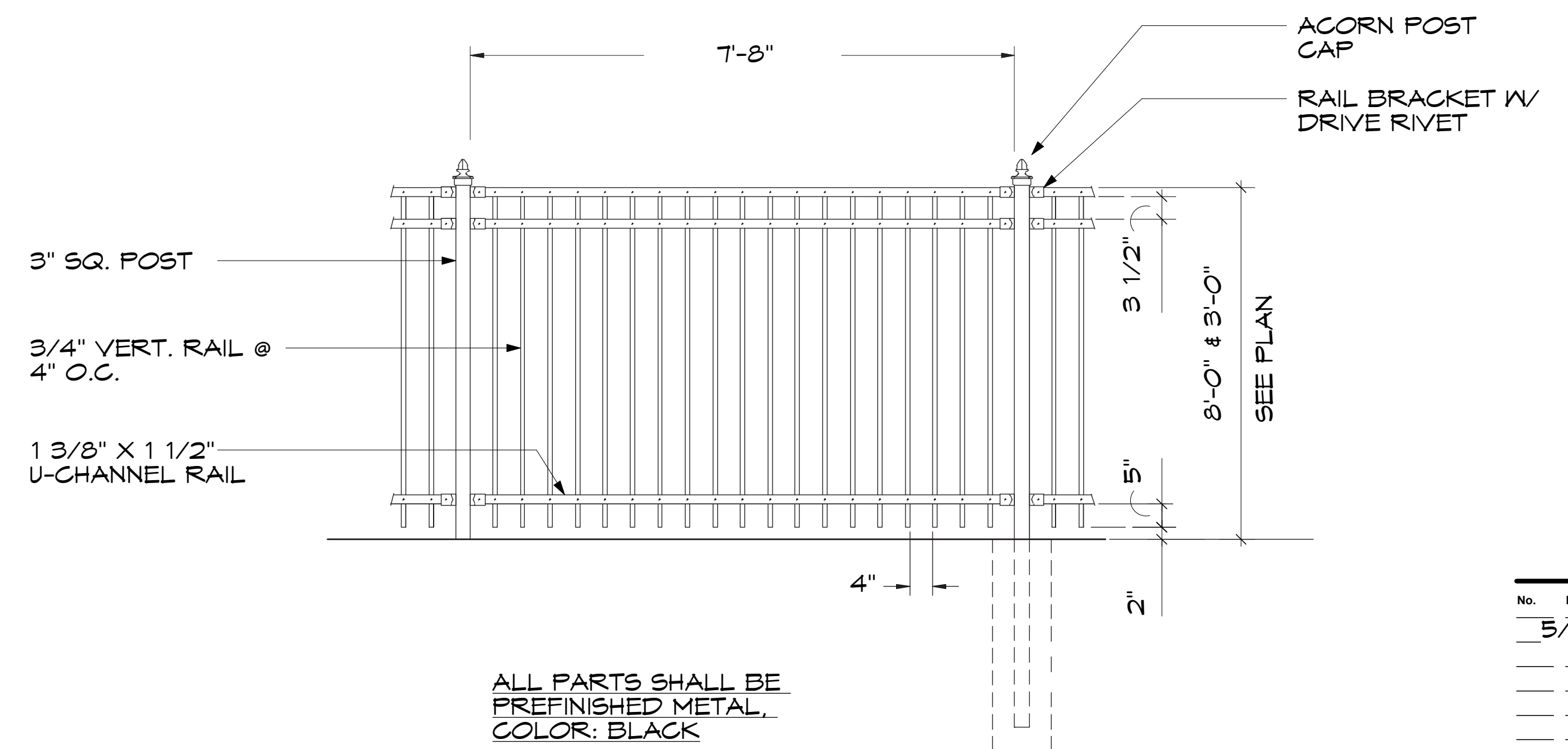
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3 BIKE RACK: "SARIS" POST & RING



2 SCREEN FENCE & REFUSE ENCLOSURE ELEVATION
SCALE: 1/4" = 1'-0"



1 DECORATIVE METAL FENCE
SCALE: 1/4" = 1'-0"

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PROJECT

ASSUMPTION GREEK ORTHODOX CHURCH ADDITION

11 North 7th Street
Madison, WI 53719

ARCHITECT

FERCH ARCHITECTURE

2704 Gregory Street,
Madison, WI 53711
608-238-6900
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ANODIZED ALUM CROSS. COLOR: DARK BRONZE

SYNTHETIC STUCCO (EIFS)

6" HT. X 1 1/2" DEEP INJECTION MOLDED PLASTIC LETTERS W/ SHARP EDGES. COLOR: DARK BRONZE

4" FACE BRICK

NORTH SEVENTH STREET ELEVATION

0 4' 8' 16' 32'

BUILDING ELEVATIONS WITH OPTIONAL BELL TOWER



STANDING SEAM PREFINISHED METAL ROOF. COLOR: "ULTRA-CLAD - AGED COPPER"

EAST WASHINGTON AVENUE ELEVATION

No. Date Revision

5/11/15

DATE

01420 4/16/15

Project No. Date

SHEET NO.

A3

**ASSUMPTION
GREEK
ORTHODOX
CHURCH
ADDITION**

11 North 7th Street
Madison, WI 53719

**FERCH
ARCHITECTURE**

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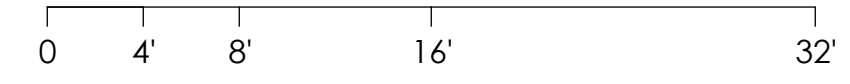
ANODIZED ALUM CROSSES.
COLOR: DARK BRONZE

PREFINISHED METAL FASCIA &
SUPPORT BRACKETS. COLOR:
"ULTRA-CLAD - AGED COPPER"

4" FACE BRICK TO MATCH EXISTING:
"GENERAL SHALE CASCADE WHITE
ROCKFACE (NORMAN)

4" FACE BRICK TO MATCH
EXISTING: "ACME STANTON"
(MODULAR)

NORTH SEVENTH STREET ELEVATION



PATCH EXISTING ASPHALT
ROOF AT AREA OF
DEMOLISHED BUILDING W/
SALVAGED ASPHALT SHINGLES

STANDING SEAM PREFINISHED
METAL ROOF. COLOR:
"ULTRA-CLAD - AGED COPPER"

CLEAR GLASS IN ANODIZED
ALUM FRAME. COLOR: DARK
BRONZE

NEW SYNTHETIC STUCCO FASCIA BAND

REMOVE EXISTING CORNER BRICK &
INSTALL NEW SYNTHETIC STUCCO.

EXISTING METAL ROOF

PAINT EXISTING EPOXY AGGREGATE
AND BRICK CORNERS

SYNTHETIC STUCCO OCTAGON FACE
& ARCHED RECESSES

SYNTHETIC STUCCO (EIFS)

4" FACE BRICK TO MATCH EXISTING:
"GENERAL SHALE CASCADE WHITE
ROCKFACE (NORMAN)

NEW 4" FACE BRICK AROUND
NEW WINDOWS

EXISTING 4" FACE BRICK

PRECAST MASONRY BASE, SILLS &
BELOW WINDOW WALL

EAST WASHINGTON AVENUE ELEVATION

No.	Date	Revision
1	5/11/15	

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SHEET NO.

1 STORY
COMMERCIAL
BUILDING

EAST WASHINGTON AVENUE
(SOUTH BOUND)

PROJECT
**ASSUMPTION
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11 North 7th Street
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2704 Gregory Street,
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608-238-6900
david@fercharchitecture.com

SURFACE DRAINAGE
ARROW (EXISTING
SURFACE DRAINAGE
TO REMAIN
UNCHANGED)

REPLACE EXISTING 6" STORM
SEWER LATERAL WITH NEW 8"
PVC LATERAL

SURFACE DRAINAGE
ARROW

NEW BIO BED RELEF DRAIN
CONNECT TO STREET CURB INLET
W/ PVC PIPE

EXISTING 1 STORY
CHURCH BUILDING

NEW 1 STORY
BUILDING
ADDITION

2 PARKING
STALLS

13 PARKING
STALLS

TWO STORY
RESIDENCE

NORTH SEVENTH STREET

 SITE UTILITY PLAN

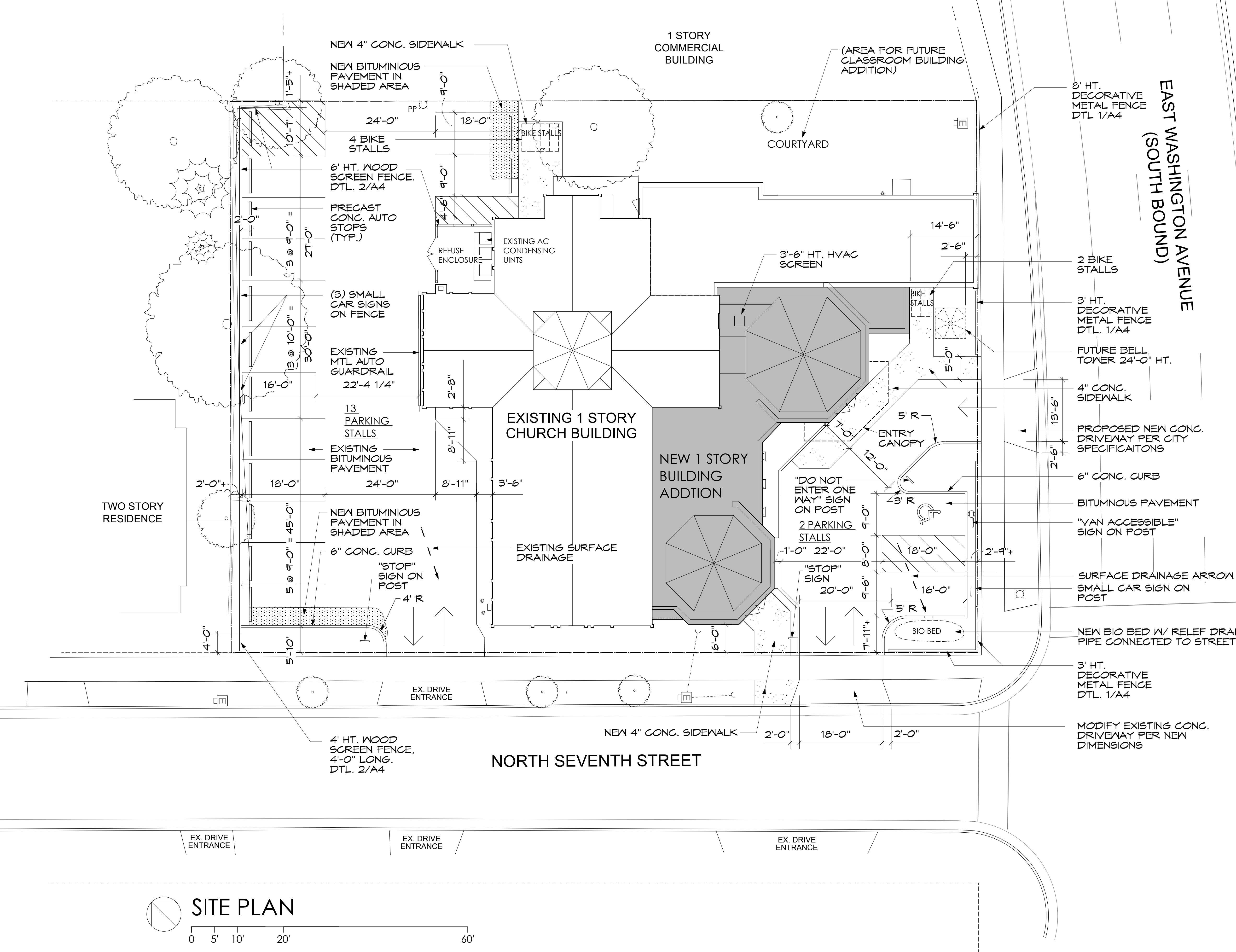
0 5' 10' 20' 60'

No.	Date	Revision

DATE	01420	4/6/15
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SHEET NO.		

C4

Parking Lot Plan Site Information Block	
Site Address:	11 NORTH 7TH STREET
Site acreage (total):	19.445 SF, 0.45 ACRES
Number of building stories(above grade):	1
Building height:	EXISTING STEEPLE 43'
SPS type of construction(new structures or additions):	TYPE 3B, NON-SPRINKLERED
Total square footage of building:	10,105 SF
Use of property:	CHURCH
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 area:	N/A
Capacity of restaurant/place of assembly:	N/A
Number of bicycle stalls shown:	6
Number of parking stalls:	
Small car	4
Large car	10
Accessible	1
Total	15
Number of trees shown:	3

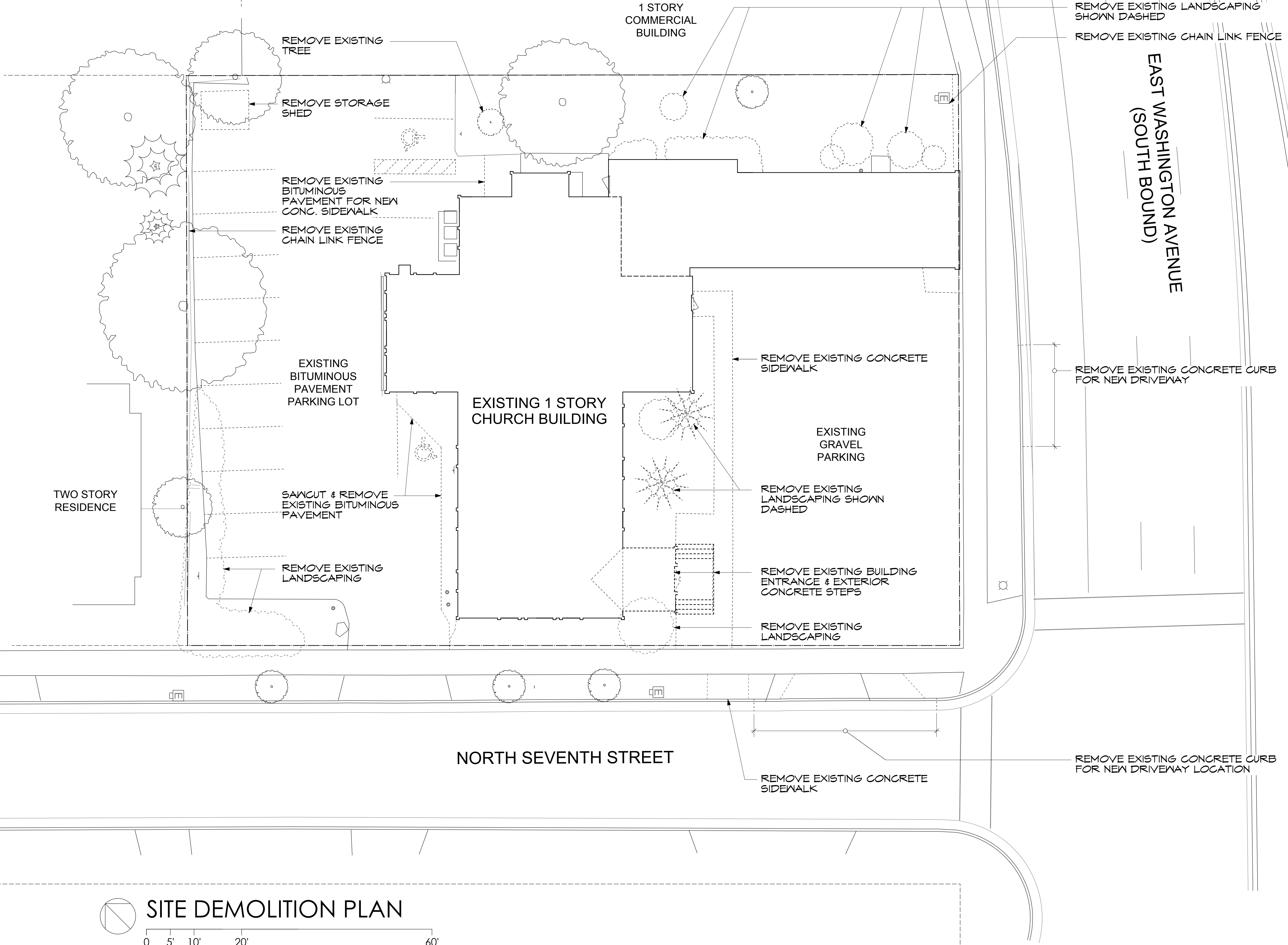


No.	Date	Revision
	5/11/15	

DATE: 01420 4/16/15

Project No. _____ Date _____

SHEET NO. _____



PROJECT

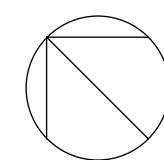
**ASSUMPTION
GREEK
ORTHODOX
CHURCH
ADDITION**

11 North 7th Street
Madison, WI 53719

ARCHITECT

**FERCH
ARCHITECTURE**

2704 Gregory Street,
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SITE DEMOLITION PLAN

0 5' 10' 20' 60'

No.	Date	Revision

DATE 01420 4/6/15

Project No. SHEET NO. Date

C2



SITE MAP

PROJECT
**ASSUMPTION
 GREEK
 ORTHODOX
 CHURCH
 ADDITION**

11 North 7th Street
 Madison, WI 53719

ARCHITECT
**FERCH
 ARCHITECTURE**

2704 Gregory Street,
 Madison, WI 53711
 608-238-6900
 david@fercharchitecture.com

Parking Lot Plan Site Information Block	
Site Address: <u>11 NORTH 7TH STREET</u>	
Site acreage (total): <u>19,445 SF, 0.45 ACRES</u>	
Number of building stories(above grade): <u>1</u>	
Building height: <u>EXISTING STEEPLE 43'</u>	
SPS type of construction(new structures or additions): <u>TYPE 3B, NON-SPRINKLERED</u>	
Total square footage of building: <u>10,105 SF</u>	
Use of property: <u>CHURCH</u>	
Gross square feet of office: <u>N/A</u>	
Gross square feet of retail area: <u>N/A</u>	
Number of employees in warehouse: <u>N/A</u>	
Number of employees in production area: <u>N/A</u>	
Capacity of restaurant/place of assembly: <u>N/A</u>	
Number of bicycle stalls shown: <u>6</u>	
Number of parking stalls:	
Small car	4
Large car	10
Accessible	1
Total	15
Number of trees shown: <u>3</u>	

SITE STATISTICS

LOT DESCRIPTION: LOCATED IN THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 SECTION 6, T7N, R10E, CITY OF MADISON, DANE COUNTY, WI, INCLUDING ALL OF LOTS 5, 6, 7, & 8, BLOCK2, GIRSTENBREI'S PLAT.

SITE ACREAGE: 19,445 sq. ft. (0.45 acres)

SITE AREA:		
BUILDING FOOTPRINT	7,502 sq. ft.	38.6%
PAVEMENT & SIDEWALKS	8,433 sq. ft.	43.4%
PERVIOUS AREA	3,510 sq. ft.	18.0%

PARKING REQUIRED: 24 STALLS

PARKING PROVIDED: 15 STALLS

BIKE PARKING REQUIRED: 5 STALLS

BIKE PARKING PROVIDED: 6 STALLS

BUILDING STATISTICS

	EXISTING	NEW ADDITION
BASEMENT	5,274 SF	1,355 SQ. FT.
1ST	5,370 SF	2,132 SQ. FT.
TOTAL	10,644 SF	3,487 SQ. FT.

NEW TOTAL BUILDING 14,131 SQ. FT.

(1,000 SF REMODELING)

SHEET INDEX

- C1 COVER SHEET, SITE LOCATION MAP
- C2 SITE DEMOLITION PLAN
- C3 SITE PLAN
- C4 GRADING & UTILITY PLAN
- L1 LANDSCAPE PLAN
- L2 LANDSCAPE SCHEDULE
- A1 FLOOR PLANS
- A2 BUILDING ELEVATIONS
- A3 BUILDING ELEVATIONS WITH BELL TOWER
- A4 COURTYARD ELEVATION & DETAILS
- A5 BUILDING MATERIALS & COLORS
- A6 IMAGE SKETCH
- SM1 EXISTING BUILDING PHOTOS
- SM2 URBAN CONTEXT PHOTOS
- SL1 SITE LIGHTING - GRADE
- SL2 SITE LIGHTING - TRESSPASS
- SL3 LIGHT FIXTURE CUTS
- SL4 LIGHT FIXTURE CUTS
- SL5 LIGHT FIXTURE CUTS
- SL6 LIGHT FIXTURE CUTS
- SL7 LIGHT FIXTURE CUTS
- SL8 LIGHT FIXTURE CUTS
- SL9 LIGHT FIXTURE CUTS

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SHEET NO. **C1**



EAST WASHINGTON AVE - WEST OF SITE



EAST WASHINGTON AVE - EAST OF SITE



UNION CORNERS ACROSS THE STREET

PROJECT
**ASSUMPTION
 GREEK
 ORTHODOX
 CHURCH
 ADDITION**
 11 North 7th Street
 Madison, WI 53719
 ARCHITECT
**FERCH
 ARCHITECTURE**
 2704 Gregory Street,
 Madison, WI 53711
 608-238-6900
 david@fercharchitecture.com

No.	Date	Revision

DATE
 01420 4/6/15
 Project No. Date
 SHEET NO.

URBAN CONTEXT

SM2



EAST WASHINGTON STREET ELEVATION



7TH STREET ELEVATION



EXISTING COURTYARD

EXISTING BUILDING

PROJECT
**ASSUMPTION
 GREEK
 ORTHODOX
 CHURCH
 ADDITION**
 11 North 7th Street
 Madison, WI 53719
 ARCHITECT
**FERCH
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 2704 Gregory Street,
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DATE
 01420 4/6/15
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 SHEET NO.

SM1



FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for damp/wet locations such as outdoor venues, canopies and locker rooms. **Certain airborne contaminants can diminish integrity of polycarbonate.** [Click here for Acrylic and Polycarbonate Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Light gray, fully gasketed polycarbonate housing with stainless steel captive latches to provide a waterproof seal. 3/8" wet location fitting provided on one end.

OPTICS — UV-stabilized, high-impact, clear polycarbonate lens for maximum light output and high-impact resistance.

ELECTRICAL — High-efficiency LEDs with 84% lumen maintenance at 60,000 hours.

INSTALLATION — Mounting hardware for surface mounting to ceiling or wall (horizontally or vertically) included. Not designed for continuous row mounting or daisy chaining.

LISTINGS — UL/C-UL listed to US and Canadian Safety Standards. For use in wet locations under covered ceilings. For use in ambient temperatures from -22°F (-30°C) to 77°F (25°C). IP65 rated.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Actual wattage may differ by +/- 10% when operating between 120-277V +/- 10%.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type XL - BELL TOWER LIGHT - INSIDE

Contractor Select

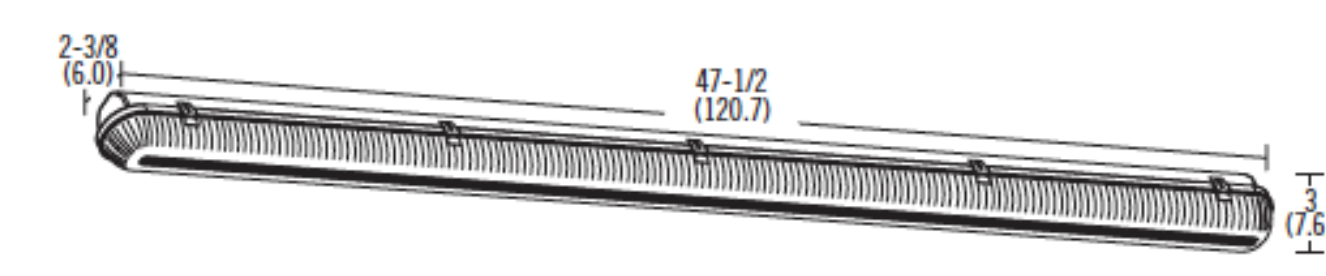
LED Wet Location Striplight



Specifications					
All dimensions are shown in inches (centimeters) unless otherwise noted.					
LUMENS	LENGTH	WIDTH	DEPTH	WEIGHT	COMPARABLE LIGHT SOURCE
1800	47-1/2 (120.7)	2 3/8 (6.0)	3 (7.6)	4.4 lbs (2.0 kg)	1 - 32W T8

ORDERING INFORMATION

Catalog number	UPC	Description	Lumens	Wattage	Voltage	Color temperature	Pallet quantity	Standard carton quantity
XWMLD	753573956365	LED wet location striplight	1800	24	120 - 277	4000K, 88 CRI	180	1



CONTRACTOR SELECT / INDUSTRIAL

LED_WET_LOCATION_STRIPLIGHT

PROJECT
ASSUMPTION GREEK ORTHODOX CHURCH ADDITION
11 North 7th Street
Madison, WI 53719

ARCHITECT
FERCH ARCHITECTURE
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Madison, WI 53711
608-238-6900
david@fercharchitecture.com



17 Applegate Court, Suite 200
Madison, WI 53713
Phone: (608) 288-9260
email: hein@chorus.net
Project No. H1511

No.	Date	Revision

DATE
01420 4/6/15

Project No. Date

SHEET NO.

SL9



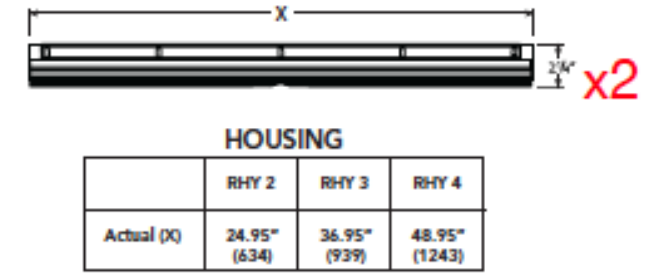
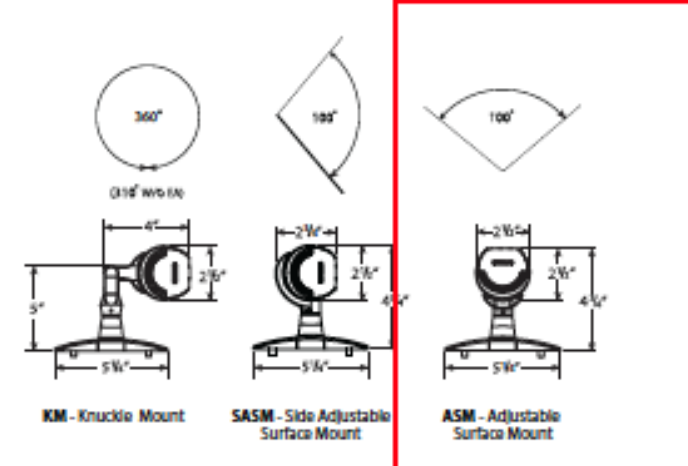
RHYTHM™ Linear LED Flood

Specifications

L: See Diagram To Right

W: 5-1/4"
133 mm

H: 2-1/2"
64 mm



CATALOG NUMBER	
NOTES	
TYPE	XJ - linear wall washer - 8 ft

DESCRIPTION
Hydrel's Rhythm Series is a versatile and distinct LED-based range of linear floodlights, providing designers unlimited options to illuminate and enhance the architecture for interior and exterior applications. Clean, sophisticated lines blend seamlessly with architectural elements and create dramatic washes of light for spectacular effects. Luminaire designs balance day form with function while incorporating the smallest surface mountable power LED's available today. Designed to optimize thermal management, Rhythm luminaires deliver industry best lumen maintenance of 50,000 hours life at 615 mA with 70% lumen maintenance.

IP66

ORDERING INFORMATION

EXAMPLE: RHY4 NRPS WHT41K MVOLT FL ASM ETE BLA

RHY4	NRPS	WHT41K	MVOLT	FL	ASM	Mounting Options
Model	Power Supply	LED Color	Voltage	Distribution	Mounting ³	
RHY2	SSBR ¹ Surface Box Rhythm	WHT53K White	MVOLT 120-277VAC	NSP Narrow Spot	ASM Adjustable Surface Mount	EARM_ Extended Arm Specify length 6", 12"
RHY3	NRPS ⁵ NEMA Power Supply	WHT41K White		MFL Medium Flood	SASM Side Adjustable Surface Mount	EASRM_ Extended Arm with Strut 12", 18", 24", 36"
RHY4	BPCA ^{1,2} Polymeric Combo Box Aluminum Lid BPCB ^{1,2} Polymeric Combo Box Bronze Lid	WHT30K White RED Red GRN Green BLU Blue		FL Flood WFL Wide Flood WWD Wall Wash Distribution	ASM Adjustable Surface Mount SASM Side Adjustable Surface Mount KM Knuckle Mount	
Accessories		Cord Length ⁴	Options	Finish	Accent Finish	Listing
External HVSR Half Visor FVSR Full Visor	From Fixture To Driver CSL20 20' of cord (18 AWG)	LDIM ⁵ 0-10V Dimming ETE End-to-End	BLA Black Anodized	Optional RDA Red Accent GNA Green Accent BUA Blue Accent	IEC International Electro-technical Commission (only for use in 50Hz applications)	

LIGHT ENGINE SPECIFICATIONS

COLOR	TYPE	COLOR TEMP	CRI	QTY / LINEAR FOOT	LUMENS / WATT	LUMENS / LINEAR FOOT	INPUT WATTS / LINEAR FOOT
White (WHT53K)	REBEL	5300° K	70	6	75.64	950	12.56
White (WHT41K)	REBEL	4100° K	70	6	75.64	950	12.56
White (WHT30K)	REBEL	3000° K	85	6	46.18	580	
Red (RED)	REBEL	627 nm		6	33.43	440	12.56
Green (GRN)	REBEL	530 nm		6	75.64	950	12.56
Blue (BLU)	REBEL	470 nm		6	19.90	250	12.56

Notes:
 1 One 60 watt power supply required per 4 foot fixture length
 2 For ground mount applications only
 3 Two (2) horizontally adjustable mounting arms provided with RHY2, RHY3, and RHY4.
 4 All fixtures shipped with 20' cord (18 AWG).
 5 If LDIM is chosen, SSBR, BPCA or BPCB required.

NOTE: Hydrel Reserves The Right To Modify Specification Without Notice. Any dimension on this sheet is to be assumed as a reference dimension. *Used for information purposes only. It does not govern manufacturing or inspection requirements.* (ANSI Y14.5-1973)



9144 Deering Avenue, Second Floor • Chatsworth, CA 91311 • www.hydrel.com
 Phone: 866.533.9901 • Fax: 866.533.5291

©2014 Acuity Brands Lighting, Inc. Rev. 11/05/14 RHYTHM



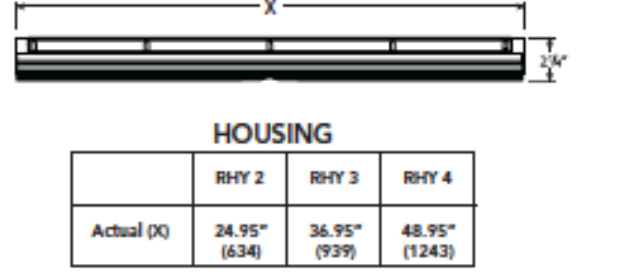
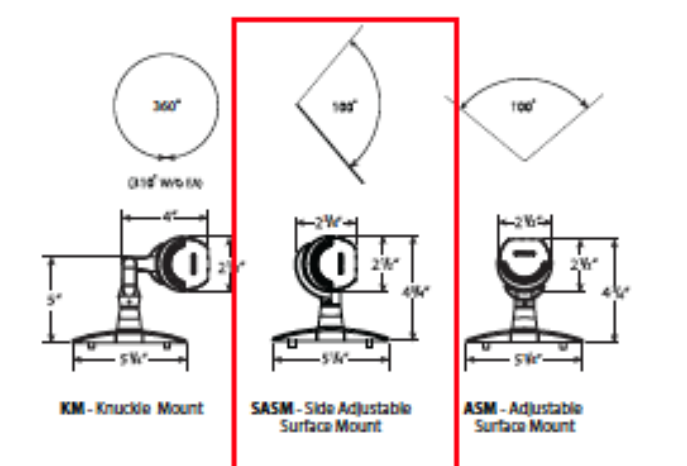
RHYTHM™ Linear LED Flood

Specifications

L: See Diagram To Right

W: 5-1/4"
133 mm

H: 2-1/2"
64 mm



CATALOG NUMBER	
NOTES	
TYPE	XK - sign light - 4 ft with 36" arm

DESCRIPTION
Hydrel's Rhythm Series is a versatile and distinct LED-based range of linear floodlights, providing designers unlimited options to illuminate and enhance the architecture for interior and exterior applications. Clean, sophisticated lines blend seamlessly with architectural elements and create dramatic washes of light for spectacular effects. Luminaire designs balance day form with function while incorporating the smallest surface mountable power LED's available today. Designed to optimize thermal management, Rhythm luminaires deliver industry best lumen maintenance of 50,000 hours life at 615 mA with 70% lumen maintenance.

IP66

ORDERING INFORMATION

EXAMPLE: RHY4 NRPS WHT41K MVOLT FL ASM ETE BLA

RHY4	NRPS	WHT41K	MVOLT	FL	ASM	Mounting Options
Model	Power Supply	LED Color	Voltage	Distribution	Mounting ³	
RHY2	SSBR ¹ Surface Box Rhythm	WHT53K White	MVOLT 120-277VAC	NSP Narrow Spot	ASM Adjustable Surface Mount	EARM_ Extended Arm Specify length 6", 12"
RHY3	NRPS ⁵ NEMA Power Supply	WHT41K White		MFL Medium Flood	SASM Side Adjustable Surface Mount	EASRM_ Extended Arm with Strut 12", 18", 24", 36"
RHY4	BPCA ^{1,2} Polymeric Combo Box Aluminum Lid BPCB ^{1,2} Polymeric Combo Box Bronze Lid	WHT30K White RED Red GRN Green BLU Blue		FL Flood WFL Wide Flood WWD Wall Wash Distribution	ASM Adjustable Surface Mount SASM Side Adjustable Surface Mount KM Knuckle Mount	
Accessories		Cord Length ⁴	Options	Finish	Accent Finish	Listing
External HVSR Half Visor FVSR Full Visor	From Fixture To Driver CSL20 20' of cord (18 AWG)	LDIM ⁵ 0-10V Dimming ETE End-to-End	BLA Black Anodized	Optional RDA Red Accent GNA Green Accent BUA Blue Accent	IEC International Electro-technical Commission (only for use in 50Hz applications)	

LIGHT ENGINE SPECIFICATIONS

COLOR	TYPE	COLOR TEMP	CRI	QTY / LINEAR FOOT	LUMENS / WATT	LUMENS / LINEAR FOOT	INPUT WATTS / LINEAR FOOT
White (WHT53K)	REBEL	5300° K	70	6	75.64	950	12.56
White (WHT41K)	REBEL	4100° K	70	6	75.64	950	12.56
White (WHT30K)	REBEL	3000° K	85	6	46.18	580	
Red (RED)	REBEL	627 nm		6	33.43	440	12.56
Green (GRN)	REBEL	530 nm		6	75.64	950	12.56
Blue (BLU)	REBEL	470 nm		6	19.90	250	12.56

Notes:
 1 One 60 watt power supply required per 4 foot fixture length
 2 For ground mount applications only
 3 Two (2) horizontally adjustable mounting arms provided with RHY2, RHY3, and RHY4.
 4 All fixtures shipped with 20' cord (18 AWG).
 5 If LDIM is chosen, SSBR, BPCA or BPCB required.

NOTE: Hydrel Reserves The Right To Modify Specification Without Notice. Any dimension on this sheet is to be assumed as a reference dimension. *Used for information purposes only. It does not govern manufacturing or inspection requirements.* (ANSI Y14.5-1973)



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ASSUMPTION
GREEK
ORTHODOX
CHURCH
ADDITION

11 North 7th Street
Madison, WI 53719

FERCH
ARCHITECTURE

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Project No. H1511

No.	Date	Revision
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DATE 01420 4/6/15

Project No. _____ Date _____

SHEET NO. _____

SL8



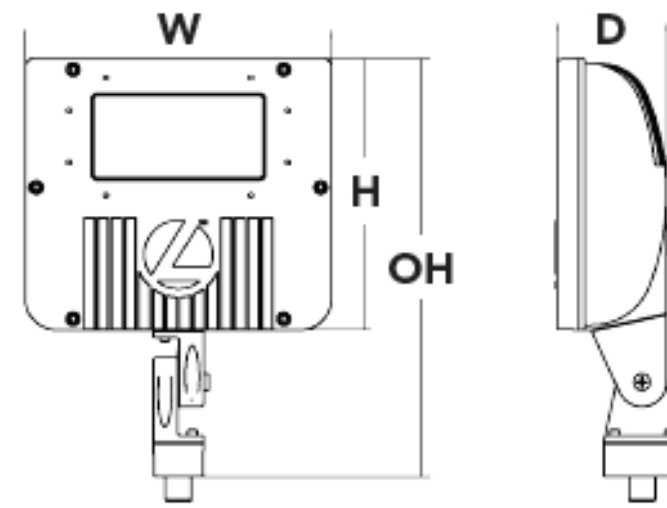
D-Series Size 1 LED Flood Luminaire



d^{series}

Specifications

EPA:	0.6 ft ² (0.05 m ²)
Depth:	3-1/8" (8.0 cm)
Width:	8-7/8" (22.4 cm)
Height:	7-3/4" (19.8 cm)
Overall Height:	12" (30.5 cm)
Weight:	7.2 lbs (3.3 kg)



Catalog Number	
Notes	
Type	XH - ROOF FASCIA LIGHT

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The D-Series Size 1 Flood features precision optics to beautifully illuminate a variety of applications while its sleek, compact styling blends seamlessly with the environment.

The D-Series Flood reflector systems and cutting-edge chip-on-board LED technology produce low field-to-beam ratios for minimal spill light and incredible photometric performance. It's the ideal long-life replacement for 50 - 150W metal halide floods, with typical energy savings of 72% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSXF1 LED 2 A530/40K MSP MVOLT THK DDBXD

DSXF1 LED	1	A530/40K	WFL	MVOLT	THK	FV	DDBXD
Series	Light Engines	Performance Package	Distribution	Voltage	Mounting	Options	Finish (required)
DSXF1 LED	1 One COB engine 2 Two COB engines	530 mA options: A530/30K 3000K A530/40K 4000K A530/50K 5000K	NSP Narrow spot MSP Medium spot MFL Medium flood FL Flood WFL Wide flood WFR Wide flood, rectangular HMF Horizontal flood	MVOLT ¹ 120 ¹ 208 ¹ 240 ¹ 277 ¹	Shipped included THK Knuckle with 1/2" NPS threaded pipe IS Integral slipfitter (fits 2-3/8" O.D. tenon) Shipped separately ² DSXF1/2TS Tenon slipfitter (2-3/8" O.D. THK required)	Shipped installed PE Photocontrol, button style ³ SF Single fuse (120, 277V) ⁴ Shipped separately ² UBV Upper/bottom visor (universal) FV Full visor VG Vandal guard	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
DSXF1 LED 1 A530/40K WFL MVOLT THK DDBXD	DSXF1 LED 1 40K
DSXF1 LED 1 A530/50K WFL MVOLT THK DDBXD	DSXF1 LED 1 50K
DSXF1 LED 2 A530/40K WFL MVOLT THK DDBXD	DSXF1 LED 2 40K
DSXF1 LED 2 A530/50K WFL MVOLT THK DDBXD	DSXF1 LED 2 50K

Accessories	
Ordered and shipped separately:	
DSXF1/2TS DDBXD U	Slipfitter for 1-1/4" to 2-3/8" O.D. tenon; mates with 1/2" threaded knuckle (specify finish)
FRWB DDBXD U	Radius wall bracket, 2-3/8" O.D. tenon (specify finish)
FSPB DDBXD U	Steel square pole bracket, 2-3/8" O.D. tenon (specify finish)
DSXF1UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF1FV DDBXD U	Full visor accessory (specify finish)
DSXF1VG U	Vandal guard accessory

For more mounting options, visit our [Floodlighting Accessories](#) pages.

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF option) or photocontrol (PE).
- Also available as separate accessories; see Accessories information at left.
- Photocontrol (PE) requires 120, 208, 240 or 277 voltage option.
- Single fuse (SF) requires 120 or 277 voltage option.

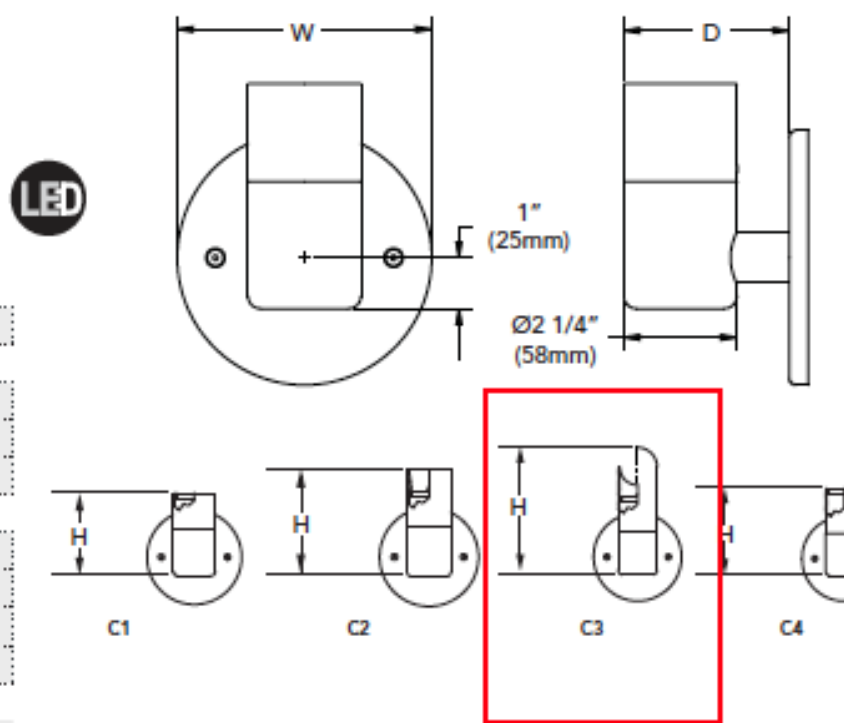


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GEM LED 12V LED16

Specifications	
D:	3-1/4" (83mm) + Mounting
W:	5" (127mm) w/CN5 2-5/8" (67mm) w/CN6
H:	4-7/16" (113mm) w/C1 5-7/16" (138mm) w/C2 7-3/8" (188mm) w/C3 5-3/16" (132mm) w/C4
Weight	2 lbs (1 kg)



CATALOG NUMBER	
NOTES	
TYPE	XI - column upright

DESCRIPTION

The Gem series is a wet location, Indoor/Outdoor rated, wall mounted luminaire designed to discreetly illuminate in a single direction. Machined from billet aluminum, stainless steel hardware, optically clear heat strengthen borosilicate glass and powder coated with a super durable TGIC powder coat finish, this fixture is designed to withstand the test of time. Designed with a wide range input voltage (11Vac - 14Vac) giving a nearly constant light output to combat voltage drop, yet is dimmable using most standard low voltage magnetic dimmers. LED units and optics are replaceable. This fixture requires a remote 12Vac Transformer, purchased separately, to function.

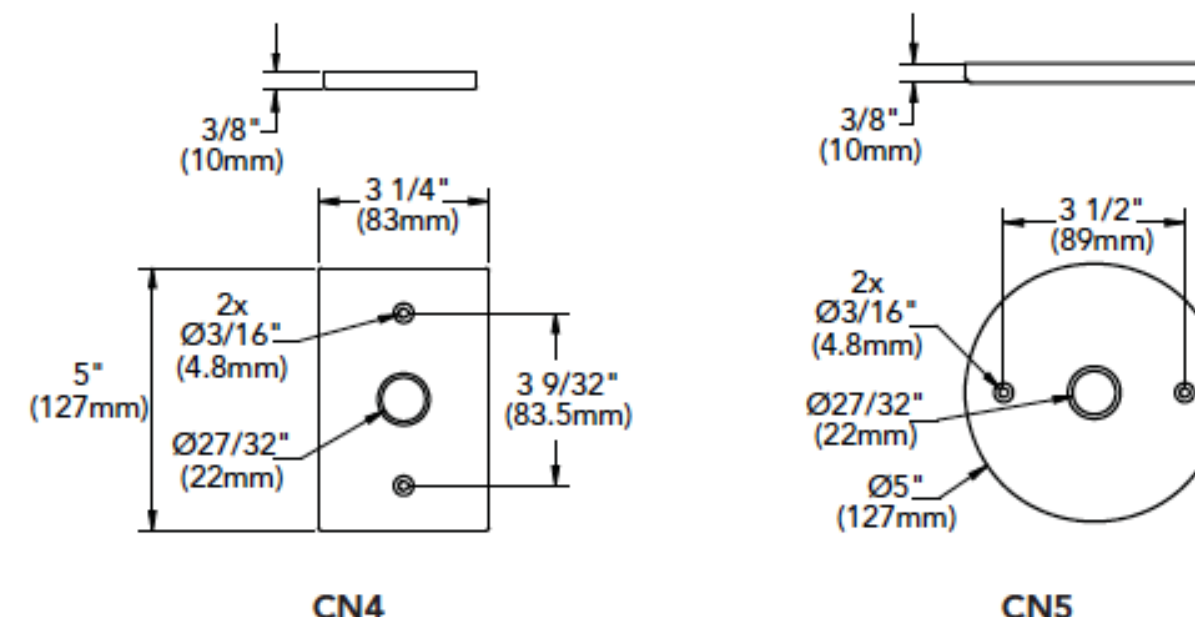
Suitable For Wet Locations

ORDERING INFORMATION

EXAMPLE: GEM A 3LED16 40K 12 MSP CN5 DNA

GEM	3LED16	40K	12	NSP	CN5
Series*	Source*	Color Temperature*	Voltage*	Distribution*	Mounting Accessories*
GEM	3LED16 LED 3up Round	30K 40K 50K	12'	NSP Narrow Spot NFL Narrow Flood MFL Medium Flood	CN4 Rectangular canopy CN5 Round 4" canopy
Options ²		C3		arch to select	
Internal Louver		Internal Filters		External Caps*	
IHL Honeycomb Louver	FA Amber	C1 Short Flush	Finish*		
Internal Accessory		FG Green	C2 Recessed Lens	BL Black Textured	
L1 Prismatic Lens	FGD Green Dichroic	C3 45° Angle Cut	BRS Bronze Smooth	BRT Bronze Textured	
L2 Linear Spread Lens	FLB Light Blue	C4 Long Flush	CHS Chrome Smooth	DNA Natural Aluminum	
L3 Softening Lens	FM Mercury Vapor		NBS Natural Bronze Smooth	VET Verde Textured	
	FV Full visor		WH White	CF Custom Finish	
	FMB Medium Blue				
	FMBD Medium Blue Dichroic				
	FR Red				
	FRD Red Dichroic				

MOUNTING DETAIL



*Required Fields

- Notes:
- Remote transformer required.
 - Up to 3 Optional items can be specified.

NOTE: Hydrel Reserves The Right To Modify Specification Without Notice. Any dimension on this sheet is to be assumed as a reference dimension. *Used for information purposes only. It does not govern manufacturing or inspection requirements.* (ANSI Y14.5-1973)



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Rev. 03/12/15
GEM_LED

ASSUMPTION GREEK ORTHODOX CHURCH ADDITION

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Project No. H1511

No.	Date	Revision

DATE 01420 4/6/15

Project No. Date

SHEET NO.

SL7

Plā™ Luminous / Performance

Imagine the Possibilities

- Facade
- Entryway
- Path of Egress

Features

- 5 year product warranty
- Light engine is IP65 rated for dust and water resistance
- Luminous shroud is clear high impact grade acrylic, inner cylinder is frosted acrylic
- Low energy, long life LED source
- Oven cured no VOC acrylic powder coat painted finish
- Bracket mounting system facilitates installation and maintenance
- Meets seismic guidelines for weight
- Tamper resistant fasteners
- Modular design allows for easy field exchange or replacement of reflector optics to facilitate modification of beam spreads
- Integral high power factor electronic power supply with MVOLT operation in canopy
- ETL listed to UL standards (US and Canada) for wet location mounting 4' above grade

LED Features

- Static color (amber, blue, green, red, cool white, neutral white or warm white)
- Modular design allowing replacement of the LED source and power supply
- Constant current LED technology to protect LEDs from experiencing "over current" conditions that can cause overheating and premature failure
- Thermally managed within manufacturer specifications to promote long LED life
- No ultraviolet or infrared, alleviating potential damage to art, fabric and materials
- Mercury free LED source reduces impact to waste stream



OW2212 - Round Accent Plates Luminous Uplight and Downlight

ILLUMINATED TOP & DOWN LIGHT

800-788-VISA
www.visalighting.com

VISA LIGHTING
An Oldenburg Group Company

401

OUTDOOR

WALL

ADA

XPS

LED

NEW

Path of Egress



FEATURES & SPECIFICATIONS

INTENDED USE — The OLCFM provides years of maintenance-free general illumination for residential and commercial outdoor applications such as porches, covered walkways and store entrances.

CONSTRUCTION — Rugged cast-aluminum top-plate and outer-ring are protected by a thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

Polycarbonate LED lens/cover protects LEDs.

Fixture weight = 2.98 lbs.

OPTICS — 96 high-performance LEDs produces up to 1077 lumens and maintain 70% of light output at 50,000 hours of service.

(LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology.)

White acrylic diffuser provides a soft white light at 4000K CCT

See Lighting Facts Labels for specific fixture performance.

ELECTRICAL — Fixture operates at 120 volts, 60 Hz.

Standard input = 16.6 watts

Operating temperature -30°C to 40°C.

Amps @ 120V = .131.

Surge protection = 2.5KV.

INSTALLATION — Mounts easily to existing junction box (by others).

LISTINGS — UL Listed to U.S. and Canadian safety standards for wet locations.

Designed for ceiling or wall mounting more than 4' above the ground.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

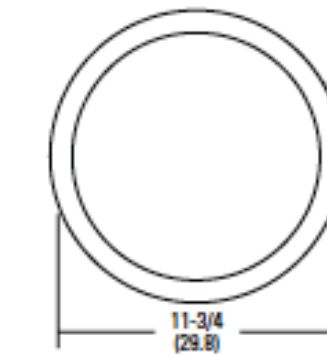
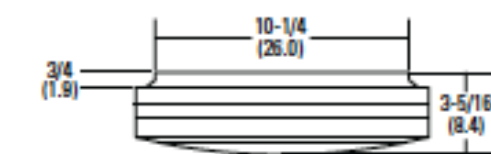
Catalog Number
Notes
Type XG - CANOPY LIGHT



Outdoor General Purpose

OLCFM

OUTDOOR LED CAST FLUSH MOUNT



All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

All configurations of this product are considered "standard" and have short lead times.

Example: OLCFM 15 DDB

OLCFM	15			DDB
Series	Light Engine	Color Temperature (CCT) ¹	Voltage	Finish
OLCFM	15	(blank) 4000K	(blank) 120V	DDB Dark bronze WH White

Notes

1 Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

DECORATIVE INDOOR & OUTDOOR

OLCFM

PROJECT
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Project No. H1511

No.	Date	Revision
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DATE

01420 4/6/15

Project No. Date

SHEET NO.

SL6

TYPE 'XE' UP/DOWN LIGHT

Rev: 2014/09/02

Order Code Example						
OW2210	BLU-P - LNW2000-30 (MVOLT)		BRNZ - RBH			
Model Number	Source		Finishes			
	Nominal Source Lumens					
	Uplight	Optical Distribution	Downlight	Optical Distribution	Canopy and Housing	Accent Plates
OW2210 3 Square Accent	None	L (Luminous)	None	L (Luminous)	Painted	Painted
	LCW1100		LCW1100			
	LNW1100		LNW1100			
3 Square Accent	LCW2000	30° 50°	LCW2000	30° 50°	Painted	Painted
	LNW2000		LNW2000			
	LWW2000		LWW2000			
3 Round Accent	None	L (Luminous)	None	L (Luminous)	Painted	Painted
	LCW1100		LCW1100			
	LNW1100		LNW1100			
3 Round Accent	LCW2000	30° 50°	LCW2000	30° 50°	Painted	Painted
	LNW2000		LNW2000			
	LWW2000		LWW2000			
3 Round Accent	AMB	P (Pencil Beam)	AMB	P (Pencil Beam)	Painted	Painted
	BLU		BLU			
	GRN		GRN			
3 Round Accent	LNW550	P (Pencil Beam)	LNW550	P (Pencil Beam)	Painted	Painted
	RED		RED			
Dimensions						
	W	8-5/8"	(219 mm)			
	H	18"	(457 mm)			
	D	10-5/8"	(270 mm)			

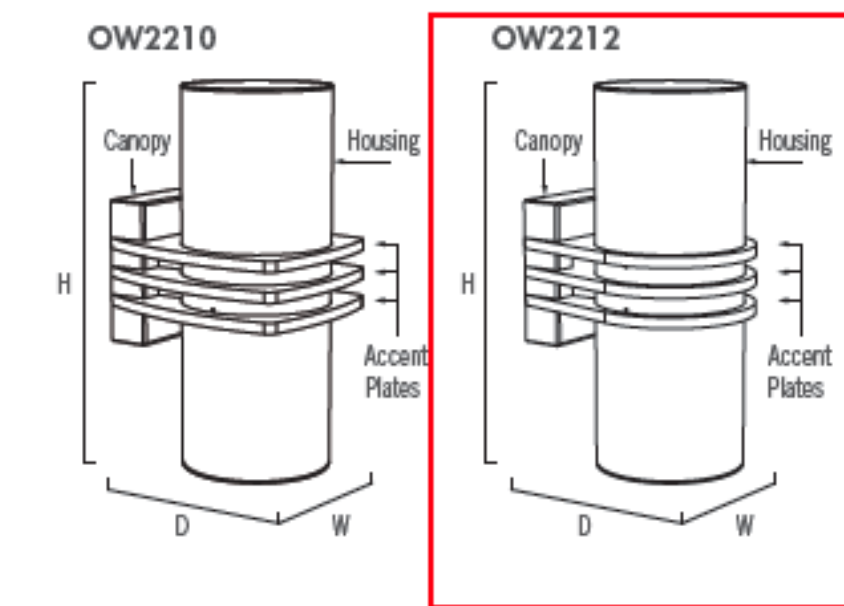
Pla

Accessories - Order Separately (see Technical Reference Section for additional details)

EMV Remote emergency line voltage inverter Can supply up to 100w for 90 minutes - can be used with multiple fixtures

Line Drawings

Depth is measured from wall to front of fixture
W = Width H = Height D = Depth



Abbreviation Key

Source (Voltage)		
Specify Voltage or MVOLT		
LCW	Cool White, 4000K, LED	(MVOLT)
LNW	Neutral White, 3500K, LED	(MVOLT)
LWW	Warm White, 3000K, LED	(MVOLT)
AMB	Amber LED	(MVOLT)
BLU	Blue LED	(MVOLT)
GRN	Green LED	(MVOLT)
RED	Red LED	(MVOLT)

Finishes (see inside back cover)
Housing is clear acrylic with 'L' optical distribution and painted metal with all other optical distributions
(Painted) Color Code Required - see color chart



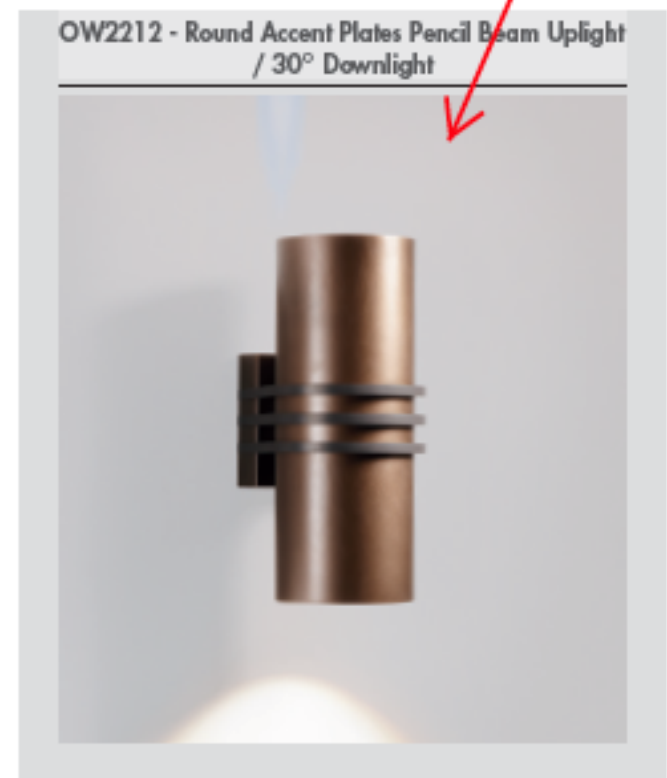
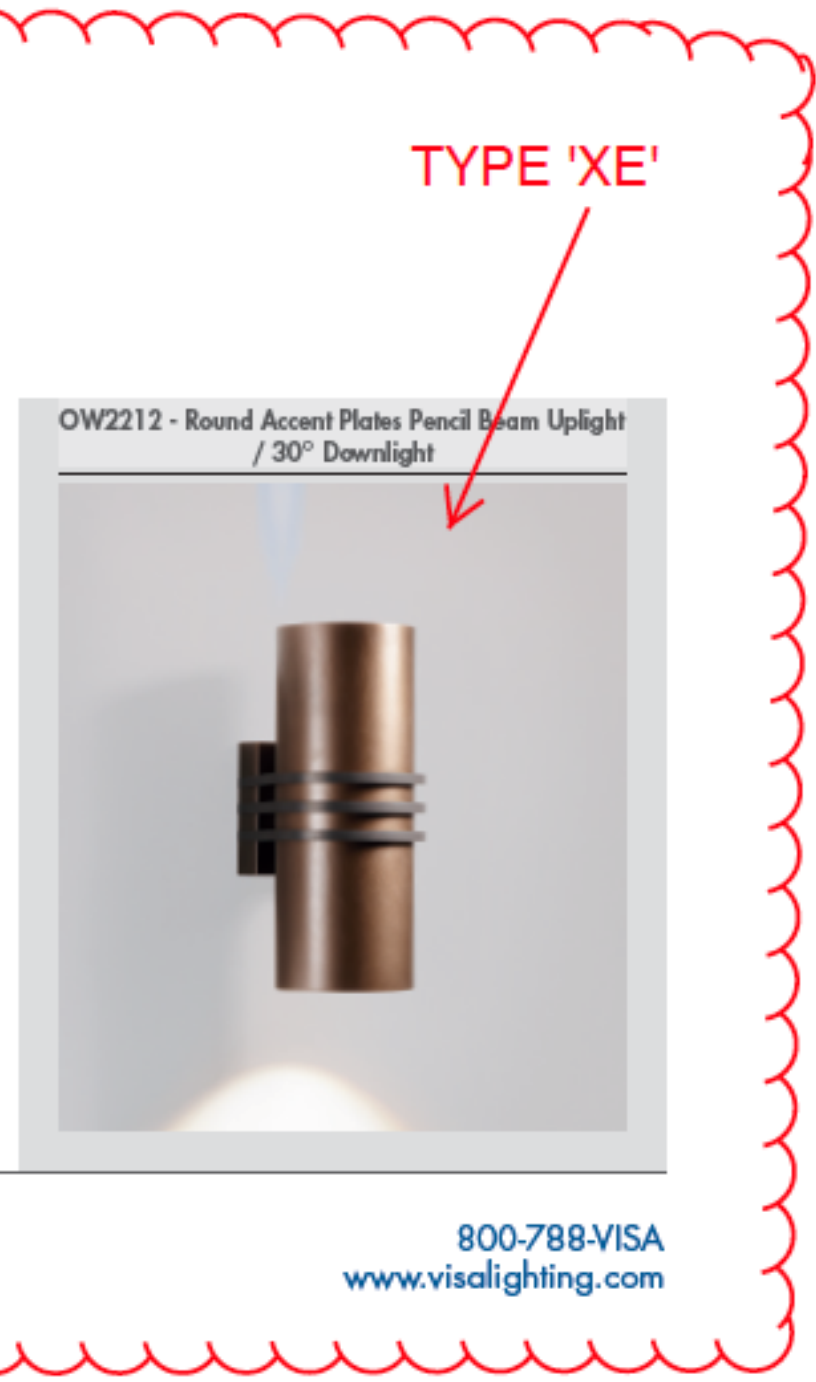
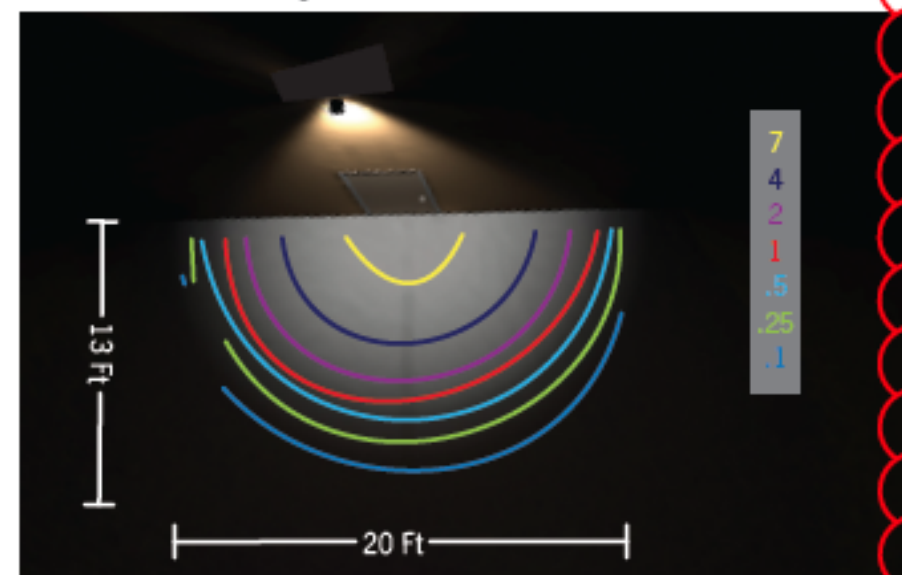
3D Modeling

Complete BIM and Sketchup files for these models can be downloaded from www.visalighting.com

Nominal LED Source / Fixture Wattage

Per direction (up or down)	
Lumens	
1100	15 / 17
2000	31 / 36
-P	11 / 12

Path of Egress
50 degree beam spread, downlight only
1408 total lumens, .070 light loss factor used



TYPE 'XF'

Rev: 2014/09/02

Order Code Example						
OW2210	BLU-P - LNW2000-30 (MVOLT)		BRNZ - RBH			
Model Number	Source		Finishes			
	Nominal Source Lumens					
	Uplight	Optical Distribution	Downlight	Optical Distribution	Canopy and Housing	Accent Plates
OW2210 3 Square Accent	None	L (Luminous)	None	L (Luminous)	Painted	Painted
	LCW1100		LCW1100			
	LNW1100		LNW1100			
3 Square Accent	LCW2000	30° 50°	LCW2000	30° 50°	Painted	Painted
	LNW2000		LNW2000			
	LWW2000		LWW2000			
3 Round Accent	None	L (Luminous)	None	L (Luminous)	Painted	Painted
	LCW1100		LCW1100			
	LNW1100		LNW1100			
3 Round Accent	LCW2000	30° 50°	LCW2000	30° 50°	Painted	Painted
	LNW2000		LNW2000			
	LWW2000		LWW2000			
3 Round Accent	AMB	P (Pencil Beam)	AMB	P (Pencil Beam)	Painted	Painted
	BLU		BLU			
	GRN		GRN			
3 Round Accent	LNW550	P (Pencil Beam)	LNW550	P (Pencil Beam)	Painted	Painted
	RED		RED			
Dimensions						
	W	8"	(203 mm)			
	H	18"	(457 mm)			
	D	10-5/8"	(270 mm)			

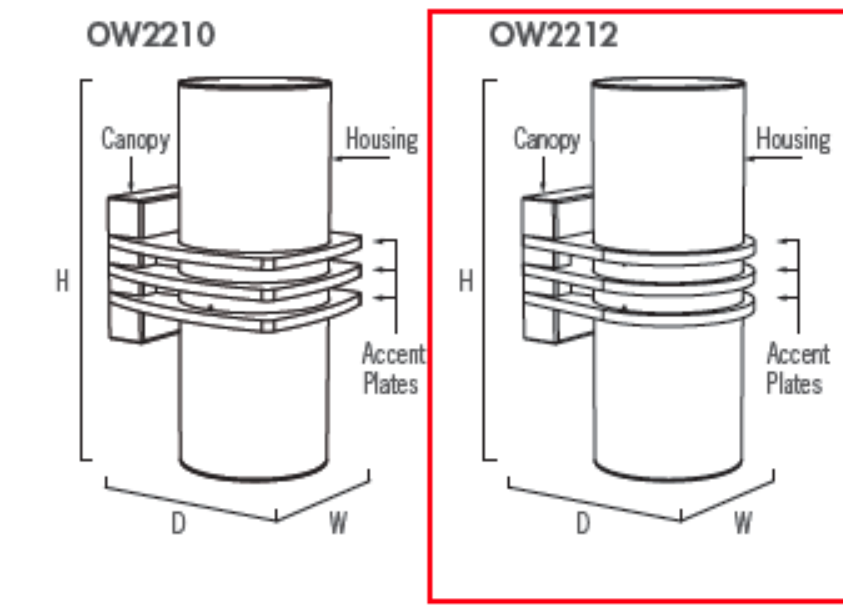
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Accessories - Order Separately (see Technical Reference Section for additional details)

EMV Remote emergency line voltage inverter Can supply up to 100w for 90 minutes - can be used with multiple fixtures

Line Drawings

Depth is measured from wall to front of fixture
W = Width H = Height D = Depth



Abbreviation Key

Source (Voltage)		
Specify Voltage or MVOLT		
LCW	Cool White, 4000K, LED	(MVOLT)
LNW	Neutral White, 3500K, LED	(MVOLT)
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AMB	Amber LED	(MVOLT)
BLU	Blue LED	(MVOLT)
GRN	Green LED	(MVOLT)
RED	Red LED	(MVOLT)

Finishes (see inside back cover)
Housing is clear acrylic with 'L' optical distribution and painted metal with all other optical distributions
(Painted) Color Code Required - see color chart



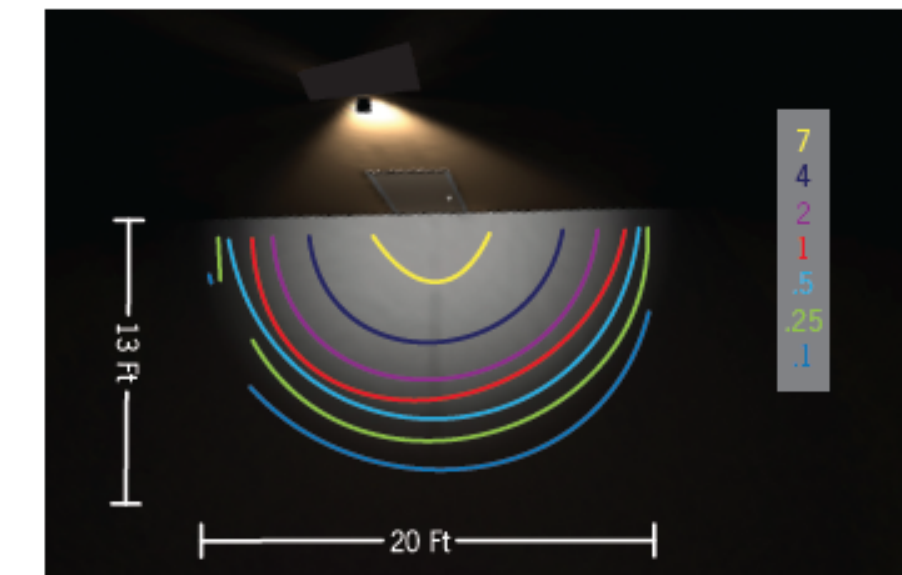
3D Modeling

Complete BIM and Sketchup files for these models can be downloaded from www.visalighting.com

Nominal LED Source / Fixture Wattage

Per direction (up or down)	
Lumens	
1100	15 / 17
2000	31 / 36
-P	11 / 12

Path of Egress
50 degree beam spread, downlight only
1408 total lumens, .070 light loss factor used



No.	Date	Revision



D-Series Size 1 LED Wall Luminaire



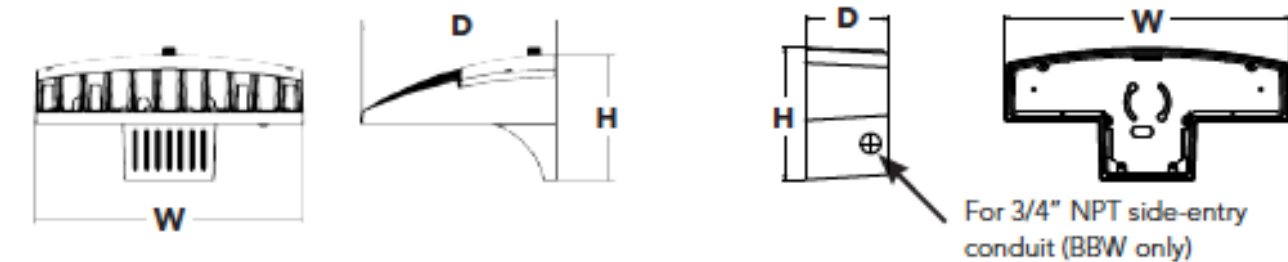
d^{series}

Specifications Luminaire

Width: 13-3/4" (34.9 cm)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)

Back Box (BBW, ELCW)

Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)



For 3/4" NPT side-entry conduit (BBW only)

Catalog Number	
Notes	
Type	XC - WALL LIGHT

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED	10C	530	40K	T4M	MVOLT					DDBXD
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options	Other Options	Finish (required)	
DSXW1 LED	10C 10 LEDs (one engine)	350 350 mA	30K 3000 K	T2S Type II Short	120 ¹	MVOLT ¹	Shipped included (blank) Surface mounting bracket	Shipped installed PE Photoelectric cell, button type ⁴	Shipped separately SF Single fuse (120, 277 or 347V) ⁷	DDBXD Dark bronze
		530 530 mA	40K 4000 K	T2M Type II Medium	208 ¹					DNAXD Natural aluminum
	20C 20 LEDs (two engines)	700 700 mA	50K 5000 K	T3S Type III Short	240 ¹	BBW Surface-mounted back box (for conduit entry) ³	DMG 0-10V dimming driver (no controls)	DF Double fuse (208, 240 or 480V) ⁷	DWHXD White	DDBTXD Textured dark bronze
		1000 1000 mA (1 A)	AMBPC Amber phosphor converted	T3M Type III Medium	277 ¹					DSSXD Sandstone
				T4M Type IV Medium	347 ²		PIR 180° motion/ambient light sensor, <15' mtg ht ³	HS House-side shield ⁴	DDBTXD Textured dark bronze	
				TFTM Forward Throw Medium	480 ²		PIRH 180° motion/ambient light sensor, 15-30' mtg ht ³	SPD Separate surge protection ⁹	DBLBXD Textured black	
				ASYDF Asym-metric diffuse			ELCW Emergency battery backup (includes external component enclosure) ⁸		DNATXD Textured natural aluminum	
								Shipped separately BSW Bird-deterrent spikes	DWHGXD Textured white	
								WG Wire guard	DSSTXD Textured sandstone	
								VG Vandal guard		
								DDL Diffused drop lens		

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocell (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocell (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR specifies the Sensor Switch SBGR-10-ODP control; PIRH specifies the Sensor Switch SBGR-6-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.

Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXWTWG U	Wire guard accessory
DSXWTVG U	Vandal guard accessory



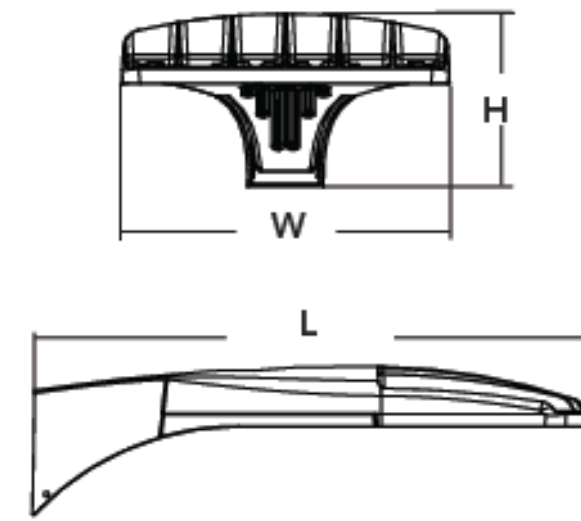
D-Series Size 0 LED Area Luminaire



d^{series}

Specifications

EPA: 0.8 ft² (0.07 m²)
Length: 26" (66.0 cm)
Width: 13" (33.0 cm)
Height: 7" (17.8 cm)
Weight (max): 16 lbs (7.25 kg)

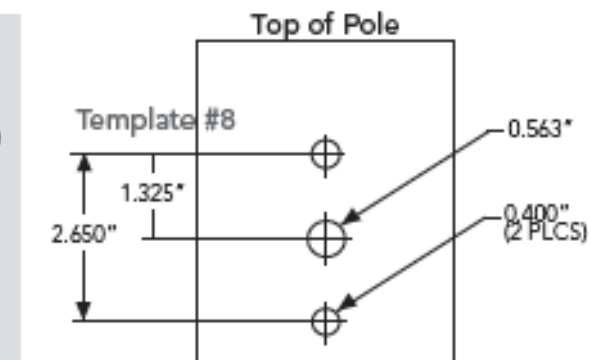


Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	20C	530	40K	TFTM	MVOLT	RPA			HS	DDBXD
Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish (required)	
DSX0 LED	Forward optics	530 530 mA	30K 3000 K (80 CRI min.)	T1S Type I short	120 ⁴	Shipped included SPA Square pole mounting	Shipped installed PER NEMA twist-lock receptacle only (no controls) ⁸	HS House-side shield ¹³	DDBXD Dark bronze	
		700 700 mA	40K 4000 K (70 CRI min.)	T2S Type II short	208 ⁴					DNAXD Natural aluminum
	20C 20 LEDs (one engine)	1000 1000 mA (1 A) ²	50K 5000 K (70 CRI)	T2M Type II medium	240 ⁴	RPA Round pole mounting	DMG 0-10V dimming driver (no controls) ⁹	SF Single fuse (120, 277, 347V) ¹⁴	DDBTXD Textured dark bronze	
	40C 40 LEDs (two engines)		AMBPC Amber phosphor converted ¹	T3S Type III short	277 ⁴	WBA Wall bracket	DCR Dimmable and controllable via ROAM® (no controls) ¹⁰	DF Double fuse (208, 240, 480V) ¹⁴	DDBTXD Textured dark bronze	
	Rotated optics ¹			T3M Type III medium	347 ⁵	SPUMBA Square pole universal mounting adaptor ⁶	PIR Motion sensor, 8-15' mounting height ¹¹	L90 Left rotated optics ¹	DBLBXD Textured black	
		30C 30 LEDs (one engine)			T4M Type IV medium	480 ⁵	RPUMBA Round pole universal mounting adaptor ⁶	PIRH Motion sensor, 15-30' mounting height ¹¹	R90 Right rotated optics ¹	DNATXD Textured natural aluminum
				TFTM Forward throw medium				DDL Diffused drop lens ¹³	DWHGXD Textured white	
				TSVS Type V very short						
				TSS Type V short						
				TSM Type V medium						
				TSW Type V wide						
							Shipped separately ⁷ KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)	BL30 Bi-level switched dimming, 30% ¹²		
								BL50 Bi-level switched dimming, 50% ¹²		

Drilling



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	DM29AS	2 at 90° *
DM28AS	2 at 180°	DM39AS	3 at 90° *
DM49AS	4 at 90° *	DM32AS	3 at 120° **

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's [POLES CENTRAL](http://www.lithonia.com) to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.

**For round pole mounting (RPA) only.

Accessories

Order and shipped separately.

DLL127F 1.5 JU	PhotoCell - SSL twist-lock (120-277V) ¹¹
DLL347F 1.5 CUL JU	PhotoCell - SSL twist-lock (347V) ¹¹
DLL480F 1.5 CUL JU	PhotoCell - SSL twist-lock (480V) ¹¹
SC U	Shorting cap ¹⁵
DSXOHS 20C U	House-side shield for 20 LED unit ¹³
DSXOHS 30C U	House-side shield for 30 LED unit ¹³
DSXOHS 40C U	House-side shield for 40 LED unit ¹³
DSXOODL U	Diffused drop lens (polycarbonate) ¹³
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁷

For more control options, visit [CUL](http://www.lithonia.com) and [ROAM](http://www.lithonia.com) online.

Tenon Mounting Slipfitter **

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

NOTES

- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
- 1000mA is not available with AMBPC.
- AMBPC only available with 530mA or 700mA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
- Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
- PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
- Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
- Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.



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ASSUMPTION GREEK ORTHODOX CHURCH ADDITION

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 Project No. H1511

No.	Date	Revision

DATE: 01420 4/6/15

Project No. Date

SHEET NO.

SL4



D-Series Size 1 LED Wall Luminaire



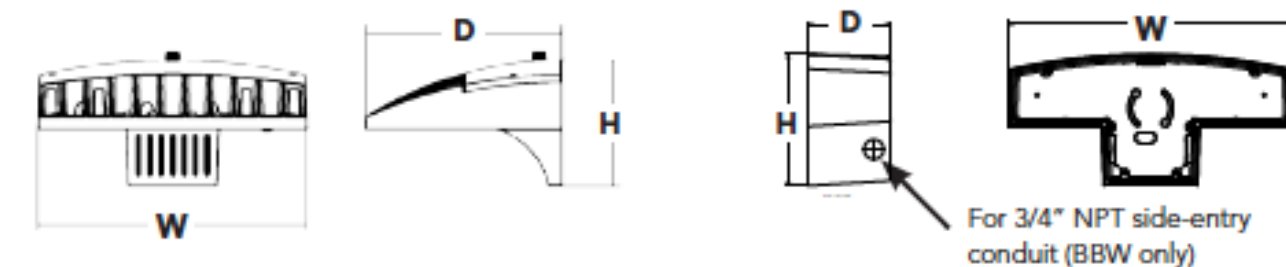
d¹series

Specifications Luminaire

Width: 13-3/4" (34.9 cm) Weight: 12 lbs (5.4 kg)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)

Back Box (BBW, ELCW)

Width: 13-3/4" (34.9 cm) BBW Weight: 5 lbs (2.3 kg)
Depth: 4" (10.2 cm) ELCW Weight: 10 lbs (4.5 kg)
Height: 6-3/8" (16.2 cm)



Catalog Number, Notes, Type: XA - WALL LIGHT

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

Ordering information table with columns for Series, LEDs, Drive Current, Color temperature, Distribution, Voltage, Mounting, Control Options, Other Options, and Finish.

- NOTES: 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).

Accessories table listing DSXWHS U, DSXWBSW U, DSXWTWG U, and DSXWTVG U with descriptions like House-side shield, Bird-deterrent spikes, Wire guard accessory, and Vandal guard accessory.



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D-Series Size 1 LED Wall Luminaire



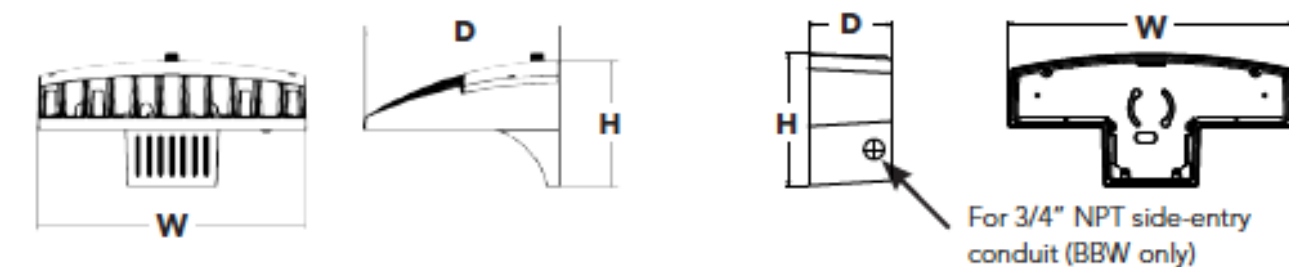
d¹series

Specifications Luminaire

Width: 13-3/4" (34.9 cm) Weight: 12 lbs (5.4 kg)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)

Back Box (BBW, ELCW)

Width: 13-3/4" (34.9 cm) BBW Weight: 5 lbs (2.3 kg)
Depth: 4" (10.2 cm) ELCW Weight: 10 lbs (4.5 kg)
Height: 6-3/8" (16.2 cm)



Catalog Number, Notes, Type: XB - WALL LIGHT

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

Ordering information table with columns for Series, LEDs, Drive Current, Color temperature, Distribution, Voltage, Mounting, Control Options, Other Options, and Finish.

- NOTES: 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).

Accessories table listing DSXWHS U, DSXWBSW U, DSXWTWG U, and DSXWTVG U with descriptions like House-side shield, Bird-deterrent spikes, Wire guard accessory, and Vandal guard accessory.



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ASSUMPTION GREEK ORTHODOX CHURCH ADDITION

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Project No. H1511

Table with columns No., Date, and Revision.

DATE 01420 4/6/15

Project No. Date SHEET NO.

SL3

PROJECT

ASSUMPTION GREEK ORTHODOX CHURCH ADDITION


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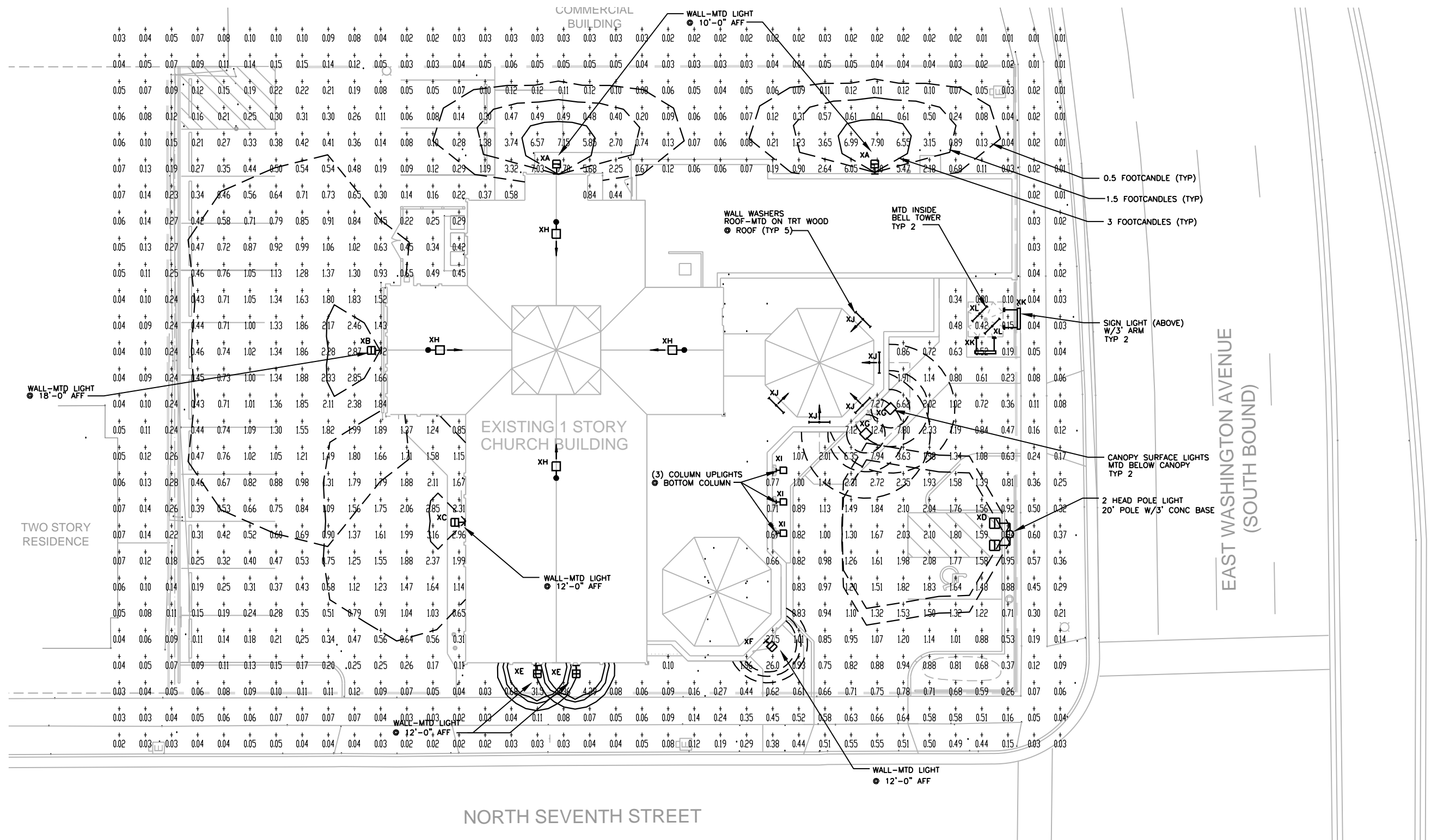
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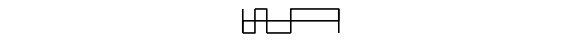


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Project No. H1511



Assumption Greek Orthodox Church (H1511) LUMINAIRE SCHEDULE						
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
XA	☐	Lithonia Lighting DSXW1 LED 10C 530 40K T2S MVQLT	LED-40K	1956	WALL	0.95 2
XB	☐	Lithonia Lighting DSXW1 LED 20C 700 40K T3M MVQLT	LED-40K	4675	WALL	0.95 1
XC	☐	Lithonia Lighting DSXW1 LED 10C 530 40K T4M MVQLT	LED-40K	1876	WALL	0.95 1
XD	☐	Lithonia Lighti DSXO LED 20C 530 40K TFTM MVQLT HS	LED-40K	(2)3653	POLE TANDEM HD	0.95 1
XE	☐	VISA LIGHTING DW2212-LCW2000-30-LCW2000-50	LED-40K	1493	WALL	0.95 2
XF	☐	VISA LIGHTING DW2212-LCW1100-L-LCW2000-50	LED-40K	1493	WALL	0.95 1
XG	○	Lithonia Lighting DLCFM 15 DDB	LED-40K	1043		0.95 2

1 SITE LIGHTING ILLUMINATION PLAN - TRESSPASS



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CALCULATION SUMMARY										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
Area1	213.60x172.00ft	tresspass / H-H	744	5.00	{+}	0.87	31.54	0.01	5281.9	145.92

No.	Date	Revision

DATE 01420 4/2/15

Project No. Date

SHEET NO.

SL2

ASSUMPTION GREEK ORTHODOX CHURCH ADDITION

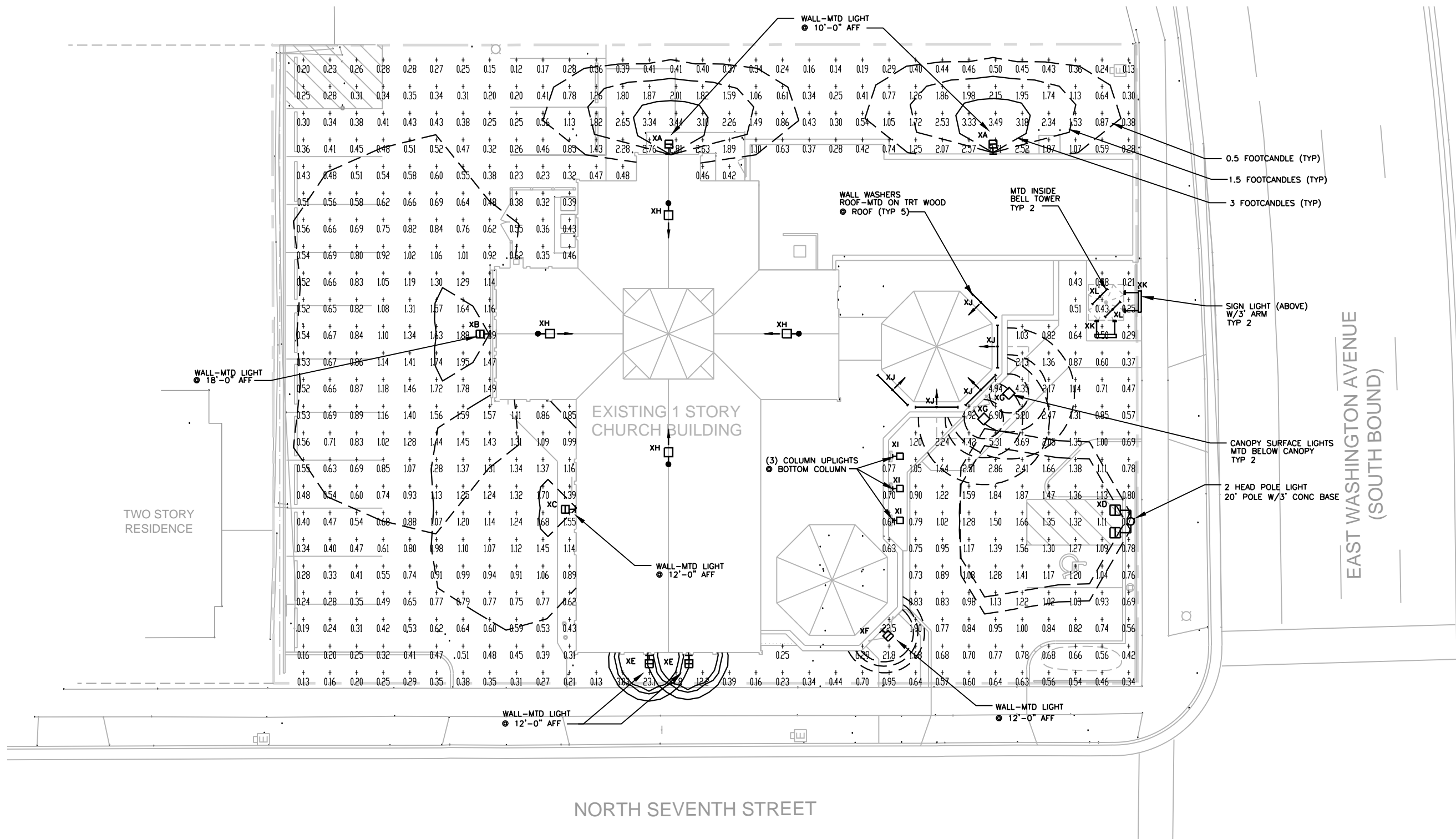
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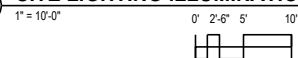


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Assumption Greek Orthodox Church (H1511) LUMINAIRE SCHEDULE						
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
XA	☐	Lithonia Lighting DSXW1 LED 10C 530 40K T2S MVQLT	LED-40K	1956	WALL	0.95 2
XB	☐	Lithonia Lighting DSXW1 LED 20C 700 40K T3M MVQLT	LED-40K	4675	WALL	0.95 1
XC	☐	Lithonia Lighting DSXW1 LED 10C 530 40K T4M MVQLT	LED-40K	1876	WALL	0.95 1
XD	☐	Lithonia Lighti DSXO LED 20C 530 40K TFTM MVQLT HS	LED-40K	(2)3653	POLE TANDEM HD	0.95 1
XE	☐	VISA LIGHTING DW2212-LCW2000-30-LCW2000-50	LED-40K	1493	WALL	0.95 2
XF	☐	VISA LIGHTING DW2212-LCW1100-L-LCW2000-50	LED-40K	1493	WALL	0.95 1
XG	○	Lithonia Lighting DLCFM 15 DOB	LED-40K	1043		0.95 2

1 SITE LIGHTING ILLUMINATION PLAN - GRADE



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CALCULATION SUMMARY									
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN AVE/MIN
Area1	213.60x172.00ft	Grade / H-H	476	5.00	(<+>)	1.18	23.07	0.12	198.82 10.13

No.	Date	Revision

DATE
01420 4/2/15

Project No. Date

SHEET NO.

SL1

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GREEK
ORTHODOX
CHURCH
ADDITION

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608-995-1510
oia@outdoorartslandscape.com

Symbol	Quantity	LATIN PLANT NAME	COMMON PLANT NAME	B&B or Cont.	PLANT SIZE	Points
Ornamental Trees						
AA	2	Amelanchier alnifolia 'Obelisk'	Standing Ovation Serviceberry	B&B	1.5" cal.	30
BR	1	Betula 'Royal Frost'	Royal Frost Birch	B&B	2" Cal.	15
HM	1	Heptacodium miconioides	Seven Son Flower Tree	B&B	1.5" Cal. Multi-Stem	15
MJ	1	Magnolia x Jame	Jane Magnolia	B&B	1.5" Cal. Multi-Stem	15
MT	1	Malus sargentii 'Tina'	Sargent Tina Crabapple	B&B	2" cal.	15
Evergreens						
Js	2	Juniperus scopulorum 'Moonglow'	Moonglow Juniper	B&B	5' ht.	20
Tm	4	Taxus x media 'Hicksii'	Hicks Yew	B&B	36"	40
Shrubs						
Am	16	Aronia melanocarpa 'Morton'	Innocent Beauty Black Chokeberry	cont.	3 Gallon	48
Fi	2	Fothergilla x intermedia 'Blue Shadow'	Blue Shadow Fothergilla	cont.	3 Gallon	6
Po	8	Physocarpus opulifolius 'Little Devil'	Little Devil Ninebark	cont.	3 Gallon	24
Ss	11	Spiraea 'Sundrop'	Sundrop Spiraea	cont.	3 Gallon	33
Sp	5	Syringa x Penda	Bloomingang Lilac	cont.	3 Gallon	15
Wf	15	Weiheia florida 'Dark Horse'	Dark Horse Weiheia	cont.	3 Gallon	45
Perennials						
ca	3	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	cont.	1 Gallon	6
hg	30	Hemerocallis 'Going Bananas'	Going Bananas Daylily	cont.	1 Gallon	60
hb	5	Heuchera 'Blackout'	Blackout Alumroot	cont.	1 Gallon	10
pf	5	Phlox 'Forever Pink'	Forever Pink Phlox	cont.	1 Gallon	10
Sediment Basin						
at	10	Asclepias tuberosa	Butterflyweed	cont.	Plug	
ce	14	Carex elata 'Aurea'	Bowles Golden Sedge	cont.	Plug	
iv	14	Iris versicolor	Blue Flag Iris	cont.	Plug	
Existing Trees To Remain						
	1	Magnolia sp.	Magnolia		15' Clump	42
	1	Malus sp.	Crabapple		25' Clump	140
	3	Syringa	Japanese Tree Lilac		5" Cal.	
Totals						
	87	Total New Plants and Points				407
	2	Total Existing Plants and Points (max at 30% of total required points)				118
		Total Points Required for 8,670 SF of Developed area				145
		Point Differential				+380

Notes:

- All trees in lawn areas to include 3' dia. bark mulch ring min. including existing trees
- All beds to be shredded hardwood bark mulch at 3" depth unless noted otherwise
- All edges between bark mulch and turf to be shovel or machine cut, min. 4" depth
- All plants to include one year warranty from acceptance
- Protect existing trees with 4' snow fence at dripline

No. Date Revision
1 4/28/15 Per Arch. Notes

DATE 3/27/15
Project No. 01420
SHEET NO. _____

L2

EAST WASHINGTON AVENUE
(SOUTH BOUND)

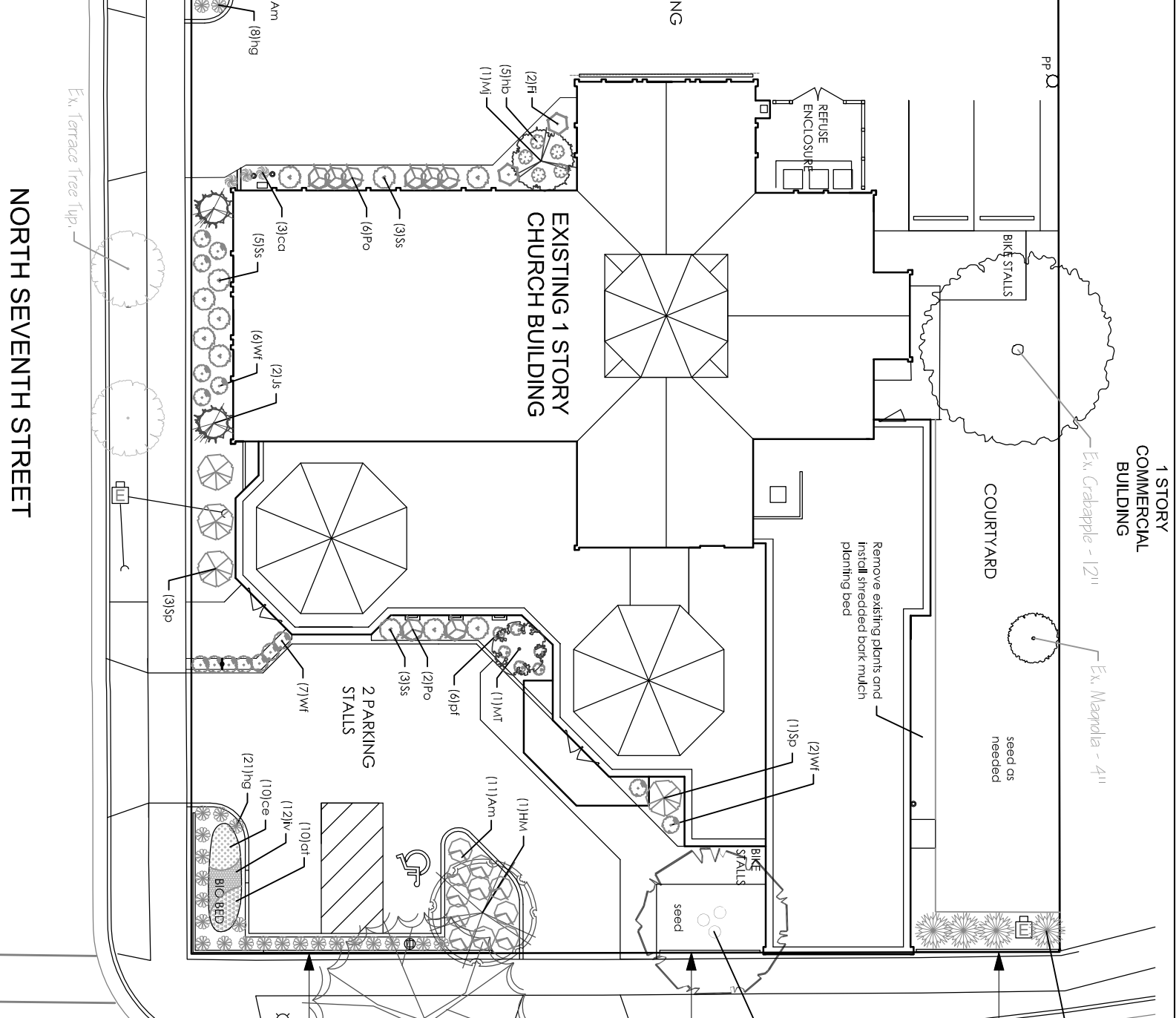
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No.	Date	Revision
1	4-28-15	Per Arch. Notes

DATE **3/27/15**
Project No. _____
SHEET NO. **L1**



LANDSCAPE PLAN

