

**NOTICE OF MEETING
VILLAGE OF FOX POINT
JOINT BUILDING BOARD &
PLAN COMMISSION**

SCHWEMER HALL - MUNICIPAL BLDG.
7200 N. SANTA MONICA BLVD
FOX POINT, WI 53217

MONDAY
JUNE 1, 2020
5:45 P.M.

AGENDA

Join Zoom Meeting

<https://us02web.zoom.us/j/84973392308>

Phone (312) 626-6799

Meeting ID: 849 7339 2308

1. Roll Call.
2. Approval of the minutes of the March 2, 2020 Plan Commission meeting. (For Plan Commission action alone.)
3. Review and recommendation to Village Board RE: **Fox Point Lutheran Church**. The Building Board and Plan Commission will discuss, and the Plan Commission may make a recommendation to the Village Board concerning the application of Fox Point Lutheran Church, 7510 N Santa Monica Blvd., Fox Point, for modifications to their previously approved site plan, floor plans, proposed addition and parking lot changes per Section 745-20 B.(2) of the Village Code.
4. Review and possible recommendation to Village Board RE: The Building Board and Plan Commission will discuss, and the Plan Commission may make a recommendation to the Village Board concerning the proposed installation of an art sculpture, entitled **Little Dancer, Aged Fourteen** by Richard Edelman proposed to be located on Village Property either at N. Lake Drive and N. Bell Road (southwest corner) or N. Lake Drive and E. Bradley Road (southwest corner), in the Village of Fox Point, per Section 745-20 B.(2) of the Village Code.
5. Adjourn

NEXT PLAN COMMISSION MEETING:

July 6, 2020

PLEASE NOTE: Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aids. For additional information or to request these services, contact the Village Clerk at 351-8900. It is possible that members of, and possibly a quorum of members of, other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information; no action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice.

**VILLAGE OF FOX POINT
PLAN COMMISSION MEETING MINUTES
MARCH 2, 2020**

A meeting of the Fox Point Plan Commission was held in Schwemer Hall, 7200 N. Santa Monica Blvd. on Monday, March 2, 2020. Chairman Frazer called the meeting to order at 5:45 p.m. and noted there was a quorum of Plan Commission members present.

The Plan Commission roll call was taken by Deputy Clerk Treasurer, Jeanne O'Brien. Roll call of Plan Commission present included:

President Douglas H. Frazer, Chairman
Carol Wilkins, Commissioner
John Crichton, Commissioner
Donald Zien, Commissioner
Scott Yauck, Commissioner (arrived 5:55 p.m.)
Jay Craig, Commissioner

Absent: Eric Fonstad, Commissioner

Staff present included Village Manager, Scott Botcher, and Deputy Clerk Treasurer, Jeanne O'Brien. Also present was Village Attorney, Eric Larson.

Notice of the meeting was provided to the North Shore Now as necessary, and to all others as required by State open meetings laws and posted on the official bulletin board at 7200 N Santa Monica Boulevard, as well as the village website at www.villageoffoxpoint.com, as per 2015 Wisconsin Act 79 and as described in Village Ordinance Chapter 116-2, 116-2(C).

Approval of the Minutes of the January 6, 2020 Plan Commission Meeting

On motion of Crichton, seconded by Zien, and carried unanimously, the Commission approved the minutes of the January 6, 2020 Plan Commission meeting.

Review and Recommendation to Village Board re: Consideration of an Ordinance to Amend Section 745-2 and to Create Section 745-7. G. of the Village of Fox Point Zoning Ordinance, to Regulate Solar Energy Systems in the Village of Fox Point.

Discussion began with Attorney Larson stating that solar applications have come up in the recent past, and while the review went to the Building Board, this ordinance provides clarification of what is allowed/disallowed with respect to solar panels, etc. Without the ordinance, it leaves the Building Board asking what is their authority. This helps to clarify that, eliminate confusion and offer support to the public. President Frazer agrees and stated the cost of solar energy has come down, this may be a more cost-effective alternative, and applications may increase. Commissioner Crichton feels this is a reasonable ordinance and is not opposed.

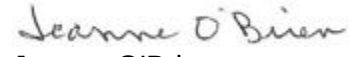
On motion of Frazer, seconded by Crichton, and carried unanimously, the Commission recommended to the Village Board approval of the Ordinance to Amend Section 745-2 and to Create Section 745-7. G. of the Village of Fox Point Village Code, as written.

**VILLAGE OF FOX POINT
PLAN COMMISSION MEETING MINUTES
MARCH 2, 2020**

Adjourn

On motion of Zien, seconded by Yauck, and carried unanimously, the Plan Commission meeting adjourned at 6:05 p.m.

Respectfully Submitted,



Jeanne O'Brien
Deputy Clerk/Treasurer

DRAFT

PROPOSED EXPANSION TO FOX POINT LUTHERAN CHURCH



5-8-2020

ADDITION AND RENOVATION

FOX POINT LUTHERAN CHURCH

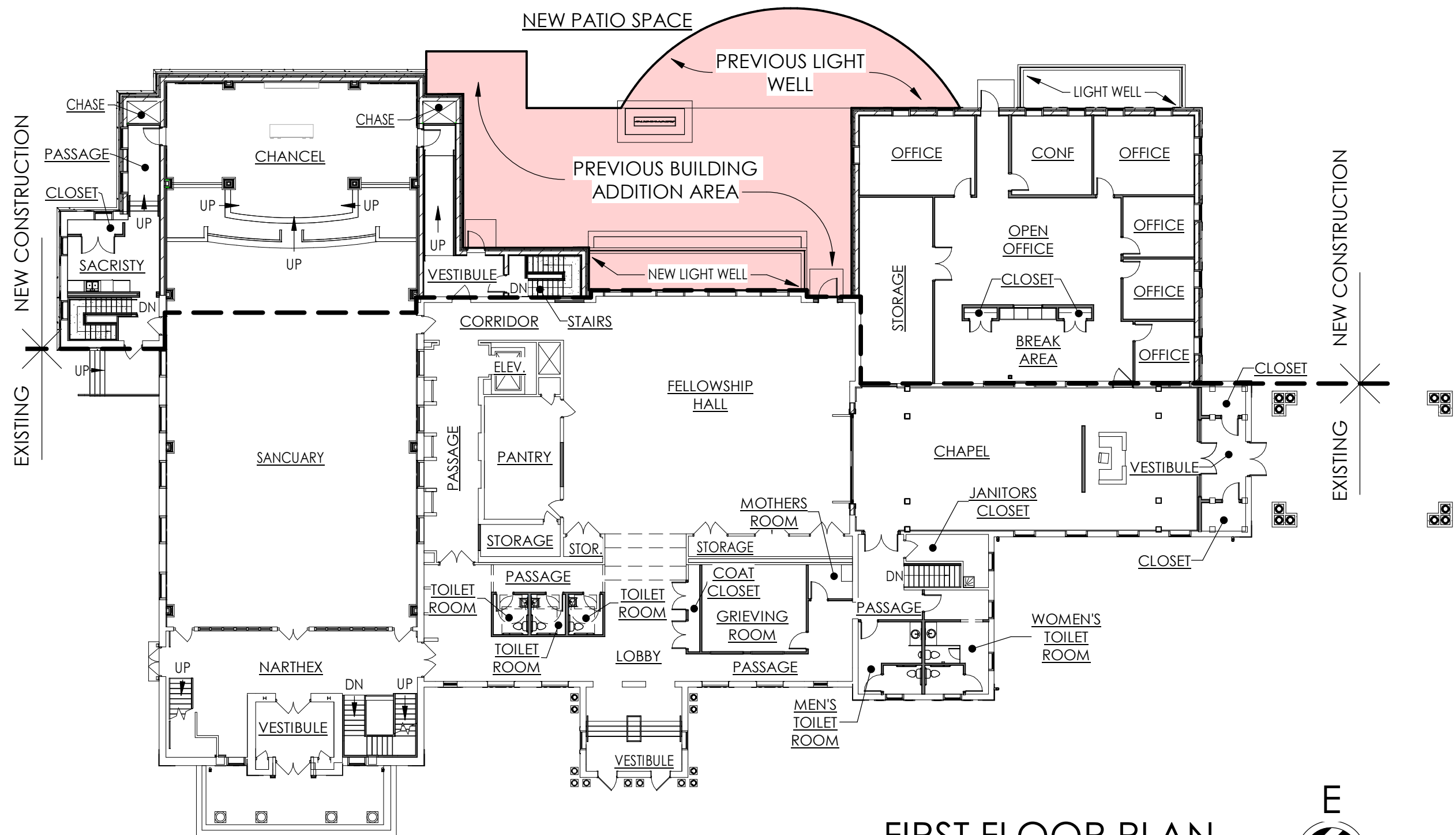
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PROJ. NO. 2016-93

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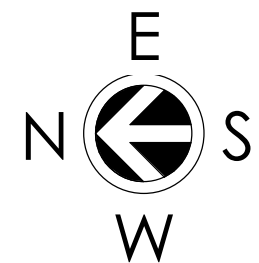






FIRST FLOOR PLAN

SCALE: 1" = 20'-0"



5-8-2020

ADDITION AND RENOVATION

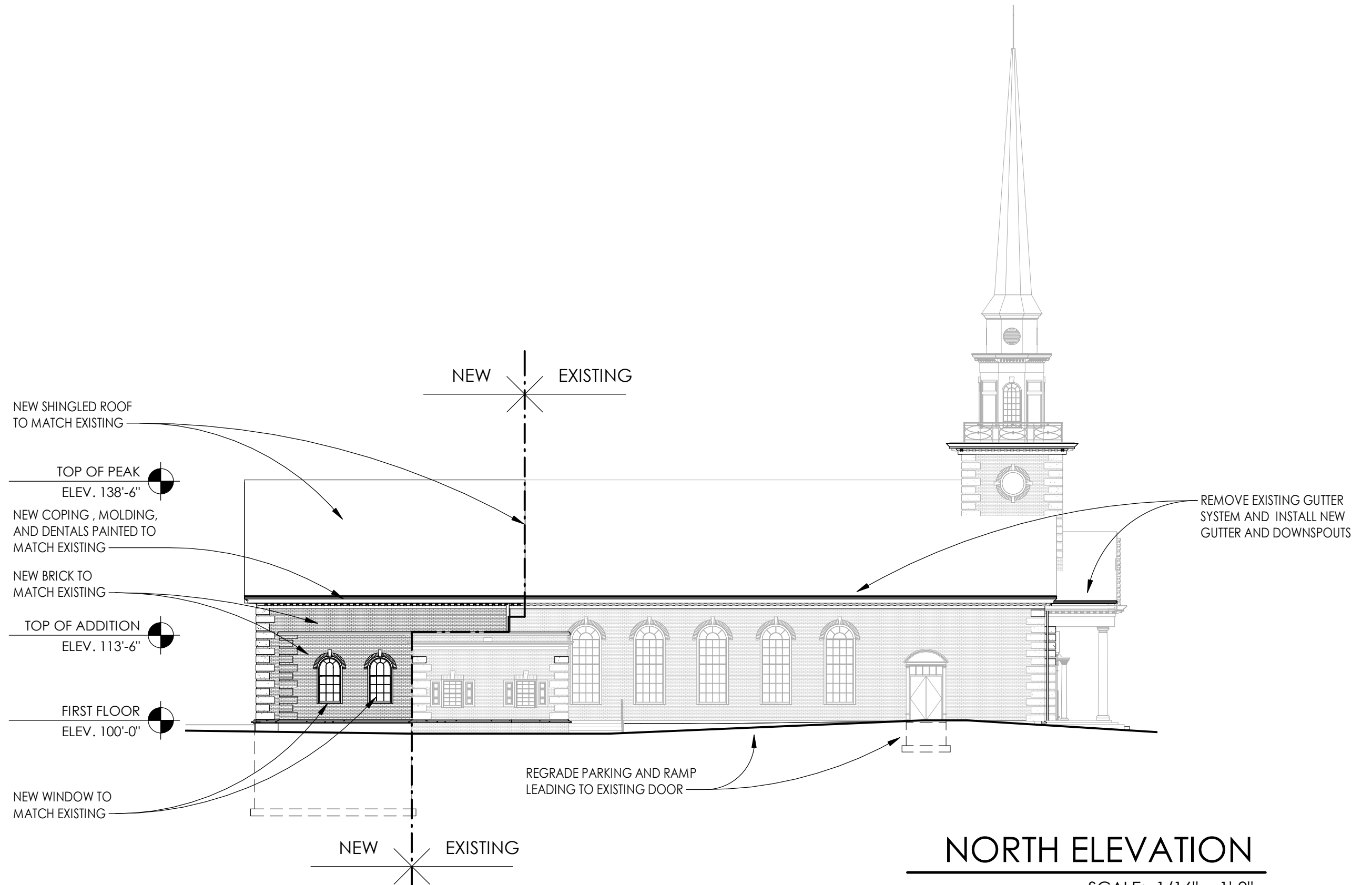
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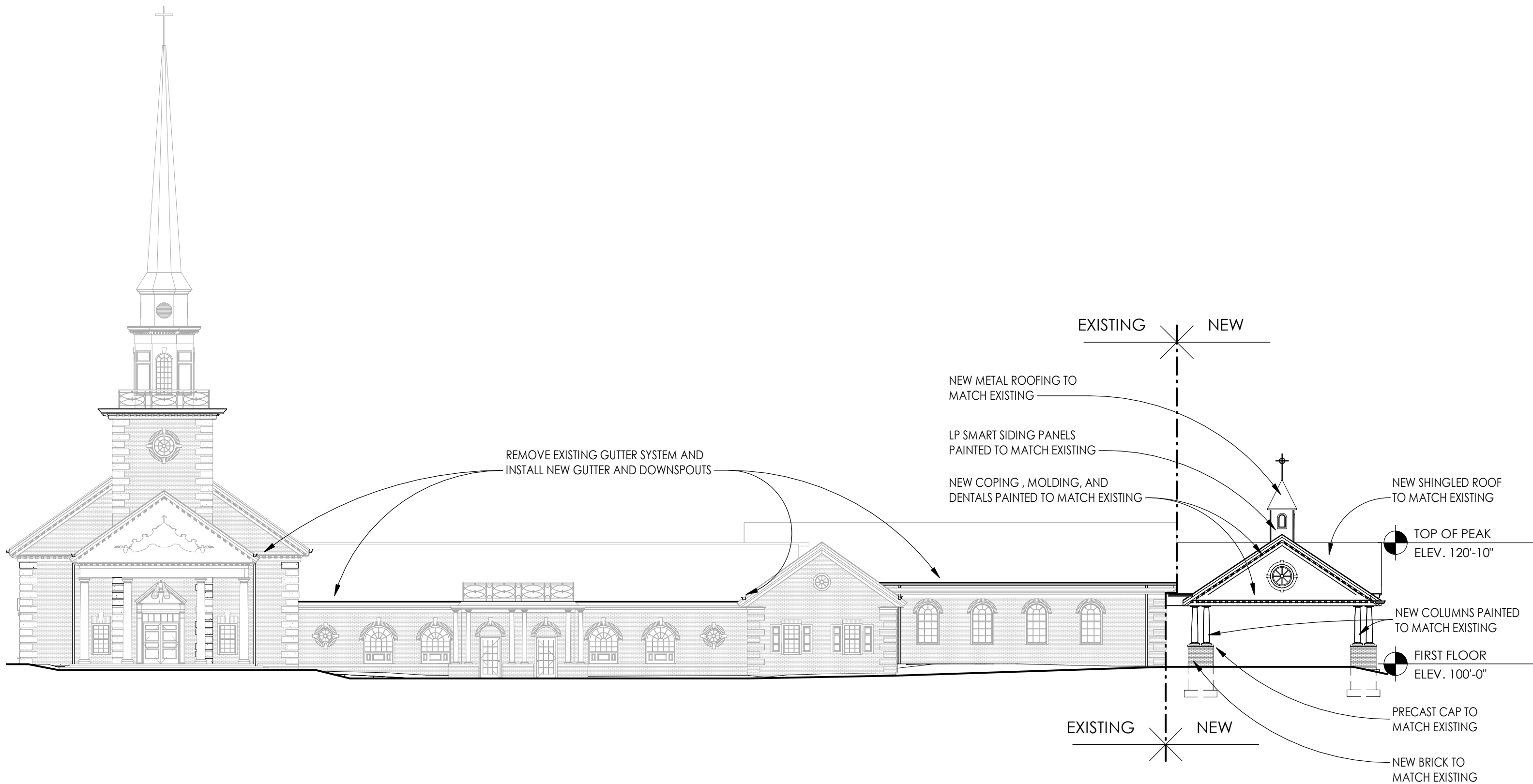
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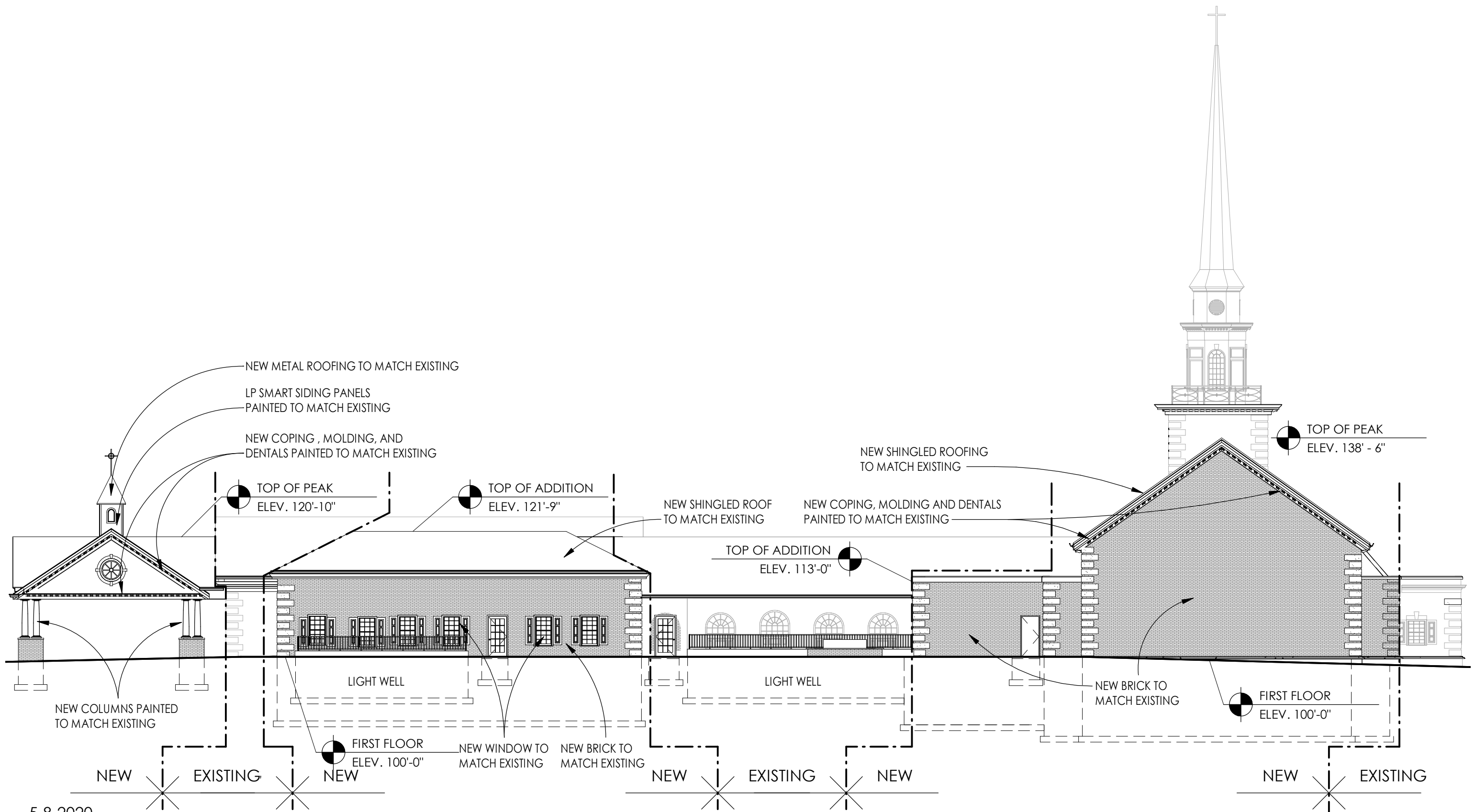




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 ADDITION AND RENOVATION
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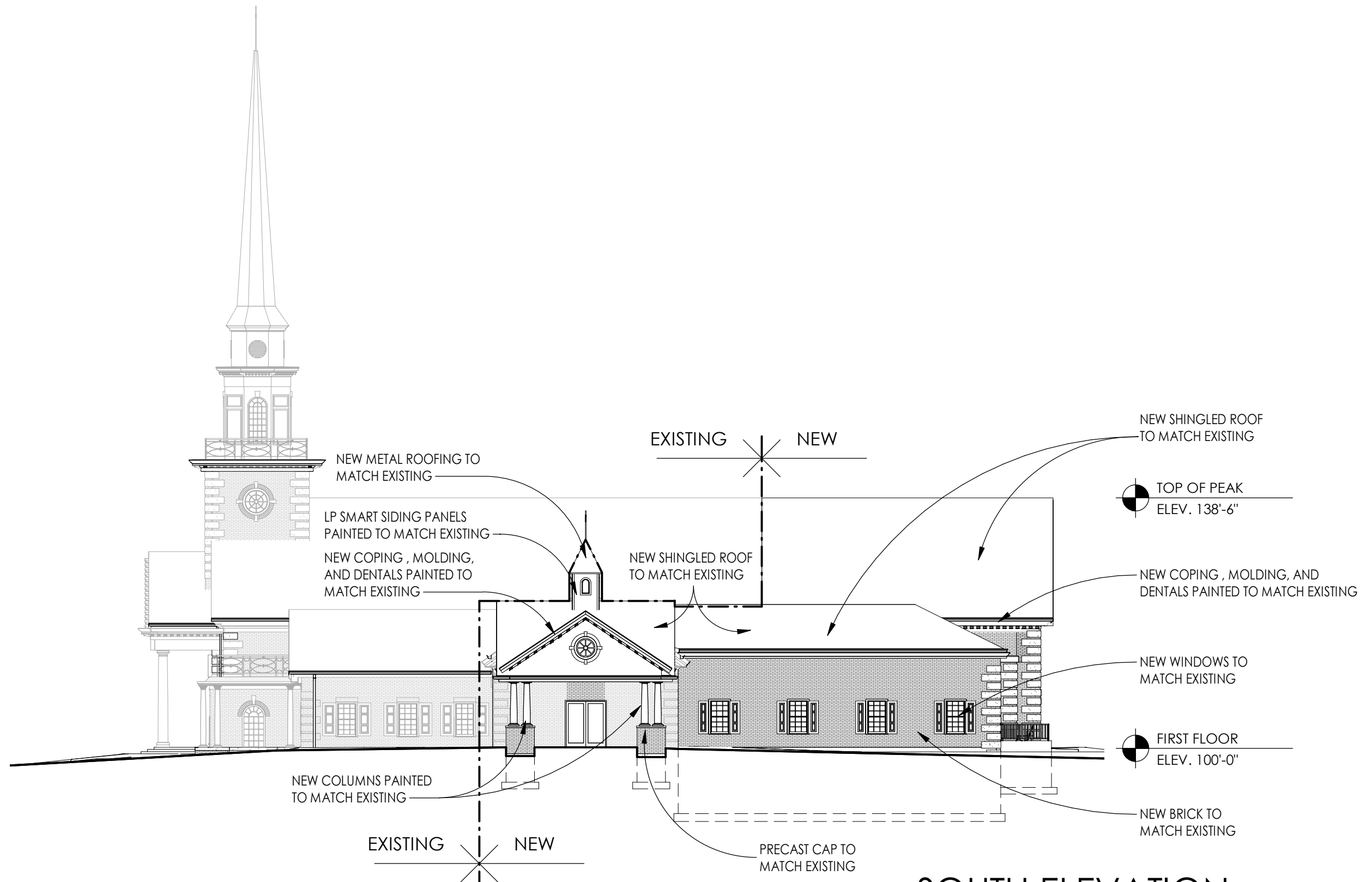
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SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

5-8-2020

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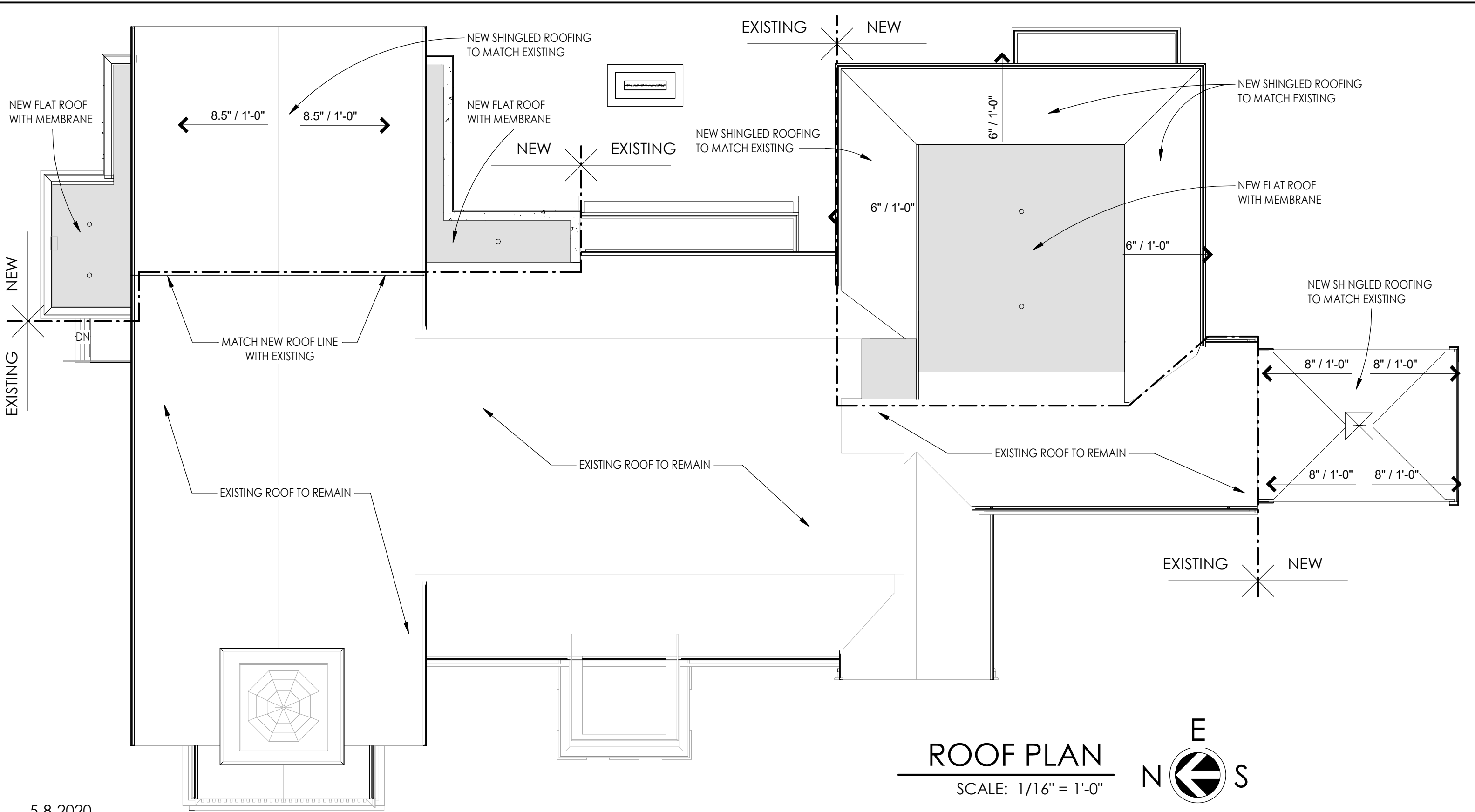
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ROOF PLAN
SCALE: 1/16" = 1'-0"

N E S W

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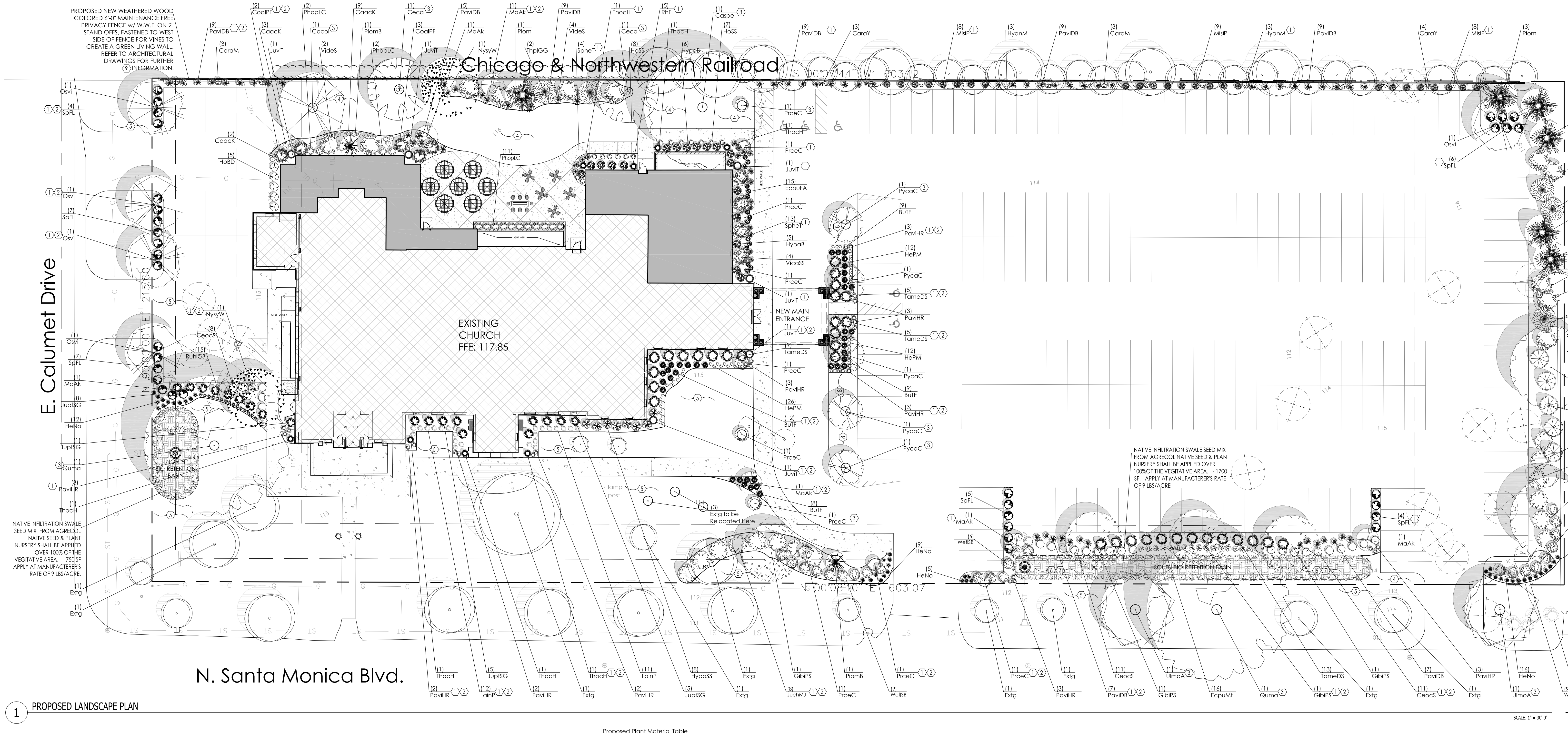
Project:

**FOX POINT
LUTHERAN
CHURCH**
7510 N. Santa Monica Blvd
Fox Point, WI 53217

Issuance and Revisions:

Date	Number	Description
07/10/19		Client Review Submittal
07/16/19		Plan Commission Submittal
03/05/20		Construction Document Submittal
05/20/20		Plan Commission Re-Submittal

CONSTRUCTION SET USE NO OTHER - DO NOT SCALE THESE DRAWINGS-



1 PROPOSED LANDSCAPE PLAN

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	Cospe		Catalpa speciosa	Western catalpa	2 1/2" - Cal - B&B	1
2	Ceca		Cercis canadensis	Eastern redbud	10 - 12" - Clump B&B	2
4	GLBPS		Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	3" - Cal - B&B	1.8
2	GydlE		Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffee Tree	2 1/2" - Cal - B&B	1.8
6	MAAK		Molus 'Adirondack'	Adirondack Flowering Crab	1 1/2" - Cal - B&B	1
2	NysyW		Nyssa sylvatica 'Wildfire'	Wildfire Black Gum	2" - Cal - B&B	1
5	Osvi		Ostrya virginiana	American Hophornbeam (Ironwood)	2 1/2" - Cal - B&B	1
10	PiceC		Pinus cerasifera 'Ciprazam'	Crimson Point Flowering Plum	2" - Cal - B&B	1
5	PycCa		Pyrus cerasifera 'Chanticleer'	Chanticleer Pear	2 1/2" - Cal - B&B	1
2	Quma		Quercus macrocarpa	Bur oak	2" - Cal - B&B	1.9
2	UmoA		Ulmus 'Morton' Accolade	Accolade Elm	2 1/2" - Cal - B&B	1.9
-	Extg		Existing to Remain	Existing to Remain	Existing	3
3	Extg		Existing to be Relocated	Existing to be Relocated	Existing	-
22	Extg		Existing to be Removed	Existing to be Removed	Existing	4

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
5	JusCM		Juniperus scopulorum 'Moonglow'	Moonglow Juniper	6" - 7" - B&B	5
6	JuvM		Juniperus virginiana Taylor	Taylor Redcedar	5" - 6" - B&B	5
6	Piom		Picea omorika	Serbian Spruce	6" - 7" - B&B	5
2	PiomB		Picea omorika 'Brun'	Brun Serbian Spruce	6" - 7" - B&B	5
5	ThpIGG		Thuja plicata 'Green Giant'	Green Giant Arborvitae	6" - 7" - B&B	5
-	Extg		Existing to Remain	Existing to Remain	Existing	3
1	Extg		Existing to be Removed	Existing to be Removed	Existing	4

SITE INFORMATION

USDA PLANT HARDNESS ZONE	5a (15 to 10 Degrees F)
LOT ZONING	F - Institutional
LOT AREA	129,809 SQ. FT. (2.98 Acres)
SITE BUILDING AREA	22,245 SQ. FT.
TOTAL IMPERVIOUS	94,961 SQ. FT. (2.18 Acres)
TOTAL GREENSPACE	34,848 SQ. FT. (0.80 Acres)
SITE LANDSCAPE PERCENTAGE	38%
TOTAL PARKING STALLS	195 STALLS

DESIGN COMPLIANCE: THIS LANDSCAPE PLAN IS ACCURATE AND IN COMPLIANCE WITH THE VILLAGE OF FOX POINT LANDSCAPE REQUIREMENTS SET FOR IN SECTIONS 310 TREES, SHRUBS AND OTHER PLANT MATERIAL. VILLAGE OF FOX POINT COMPREHENSIVE PLAN IMPLEMENTATION RECOMMENDATIONS, AND INPUT FROM VILLAGE STAFF AND NEIGHBORHOOD INPUT.

CONTRACTOR NOTE: THE LANDSCAPE CONTRACTOR/GENERAL CONTRACTOR ARE RESPONSIBLE TO INSTALL THE LANDSCAPE AS PER THE APPROVED PLAN. IF ANY CHANGES OR DEVIATIONS ARE MADE FROM THE THIS APPROVED PLAN, THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE RESPONSIBLE FOR UPDATING THE PLAN ACCORDINGLY AND SUBMITTING THOSE REVISED PLANS FOR APPROVAL AND "SIGN OFF" WITH THE VILLAGE OF FOX POINT. THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE ALSO RESPONSIBLE FOR VERIFYING THAT ANY PLANT MATERIAL SUBSTITUTIONS OR MODIFICATIONS THAT ARE MADE TO THE APPROVED LANDSCAPE DESIGN DOCUMENTS WILL NOT CHANGE OR ALTER ANY OF THE REQUIRED SUPPORTING LANDSCAPE REQUIREMENT CALCULATIONS. UPON COMPLETION OF THE CONSTRUCTION PROJECT AND FILE THAT AFFIDAVIT WITH THE VILLAGE OF FOX POINT.

LANDSCAPE PLAN GENERAL NOTES

- * PLANT MATERIAL SHOWN ON LANDSCAPE PLAN IS DEPICTED AT MATURE GROWTH. ** AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES, UTILITIES OR ENTITIES. REVIEW WITH OWNERS REPRESENTATIVE SITE MECHANICAL, SITE ELECTRICAL AND LIGHTING, SITE GRADING AND DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNERS REPRESENTATIVE. ALSO REVIEW OWNERS "MARK SETS" OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LANDSCAPE CONTRACTOR AT NO COST TO OWNER.
- ALL PLANTINGS SPECIFIED FOR THE FOX POINT LUTHERAN CHURCH PROJECT PLANTING TABLES SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1 2014 and ANSI STANDARD FOR PLANTING 2012.
- ALL DEVIATIONS FROM THE APPROVED FOX POINT LUTHERAN CHURCH PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWINGS BY THE CONTRACTOR AND MAY BE EXECUTED ONLY WITH PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WITHOUT A CHANGE ORDER WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.
- ALL PLANTS WILL BE BRED AND SELECTED FOR THE SPECIES SPECIFIED ON THE PLANS. ANY SPECIES SUBSTITUTIONS MUST BE APPROVED IN WRITING BY LANDSCAPE ARCHITECT. THE SIZES OF PLANT MATERIAL LISTED HEREIN IS A MINIMUM ACCEPTABLE SIZE. ADDITIONALLY, EXCESSIVE PRUNING REDUCES THE CROWN THE PLANT SHALL BE REPLACED. PROTECT PUBLIC FROM CONSTRUCTION WITH BARRIERS AND BARRICADES.
- ALL AREAS THAT WERE DESTROYED DURING CONSTRUCTION AND AREAS NOT COVERED WITH PAVEMENT, BUILDING, PLANTING BEDS, OR TREE PITS ARE TO BE TOPSOILED 3" DEEP (MIN.) AND SHALL BE SOILED/SEED/ED WITH SPECIFIED LAWN GRASS. LANDSCAPE CONTRACTOR SHALL INCLUDE COST PER SQUARE YARD FOR ADDITIONAL SEED OPERATIONS AS MAY BE POSSIBLY REQUIRED TO REESTABLISH ADJACENT TURF GRASS AREAS WHICH MAY BECOME DAMAGED DURING THE CONSTRUCTION PROCESS OR TO REPAIR DAMAGE DONE BY OTHERS.
- CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, AND PLANTS NECESSARY FOR PROPER PLANTING AND INSTALLATION OF ALL LANDSCAPE MATERIAL.
- QUANTITIES ON PLANT MATERIALS LIST ARE FOR CONVENIENCE OF BIDDING ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON LANDSCAPE PLANS AND COVERAGE OF ALL AREAS DELINEATED. THE PLANS ARE TO SUPERSEDE THE PLANT LIST IN ALL CASES.
- CONTRACTOR IS RESPONSIBLE FOR ALL ESTIMATING AND BIDDING. ALL AREAS, QUANTITIES MATERIALS SHOULD BE FIELD VERIFIED WITH SITE CONDITIONS.
- WHERE DISCREPANCIES OCCUR BETWEEN THE LANDSCAPE PLANS AND/OR ARCHITECTURAL AND/OR THE CIVIL DRAWINGS (AND ANY OTHER SITE DRAWINGS) THE DISCREPANCIES MUST BE BROUGHT TO THE LANDSCAPE ARCHITECTS ATTENTION FOR COORDINATION AND RESOLUTION.
- ALL DEAD, DISEASED, NOXIOUS OR INAPPROPRIATE MATERIALS SHALL BE REMOVED PRIOR TO THE PROPOSED SITE PRIOR TO THE START OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.

Proposed Plant Material Table

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
38	ButF		Buddleja x 'Podaras13'	Butterfly Petite Tuff Full Pink Butterfly Bush	18" - Cont	6
30	CeacS		Cephalanthus occidentalis 'SMCOS'	Sugar Snap Butterflybush	18" - 24" - Cont	6
5	CoalPF		Cornus alba 'Pralie Fire'	Pralie Fire Dogwood	18" - 24" - Cont	6
1	Cocal		Corylus columa	Turkish Hazel	24" - 36" - Cont	6
13	HypaB		Hydrangea paniculata 'Bobo'	Bobo Hardy Hydrangea	18" - Cont	6
8	HypaCS		Hydrangea paniculata 'SMHPCW'	Shawberry Shake Hydrangea	18" - 24" - Cont	6
15	PhopLC		Physocarpus opulifolius 'Podaras 3'	Lemon Candy Ninebark	18" - Cont	6
34	SpFL		Spirea x 'Fire Light'	Fire Light Spirea	18" - Cont	6
4	VicaS		Viburnum Carolaei 'J.N.Select S'	Sugar N' Spice Karoonscape Viburnum	18" - 24" - Cont	6
11	VicaS		Viburnum dentatum 'Synnvested'	Chicago Lustre Arrowwood Viburnum	3" - B&B	6
24	WeilSB		Weigela florida 'Bokrasopin'	Sonic Bloom Pink Reblooming Weigela	18" - 24" - Cont	6

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
23	LainP		Lavandula x 'Intermedia Provence'	Provence French Lavander	18" - Cont	6
5	RHF		Rhododendron x 'Firestorm'	Firestorm Rhododendron	18" - Cont	6

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
15	EcpuFA		Echinacea purpurea 'Fragrant Angel'	Fragrant Angel Coneflower	4 1/2" pot	7
16	EcpuMT		Echinacea purpurea 'Merlot'	Merlot Coneflower	4 1/2" pot	7
43	HeMa		Hemerocallis x 'Nasteria'	Traphytoket Nasteria Daylily	4 1/2" pot	7
50	HePM		Hemerocallis x 'Pardon Me'	Pardon Me Dwarf Daylily	4 1/2" pot	7
5	HoBd		Hosta x 'Big Daddy'	Big Daddy Plantain Lily	1-Gal - Cont	7
15	HoSS		Hosta x 'So Sweet'	So Sweet Hosta	1-Gal - Cont	7
15	RuHCB		Rutadeckia hirta 'Cherry Brandy'	Cherry Brandy Gloriosa Day	4 1/2" pot	7

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
17	CoacK		Calamagrostis acutiflora 'Karl Forester'	Karl Forester Feather Reed Grass	1-Gal - Cont	7
25	MiaP		Miscanthus sinensis 'Purpureus'	Purple Silver Grass	1-Gal - Cont	7
64	PavIDB		Panicum virgatum 'Dallas Blues'	Dallas Blues Switch Grass	1-Gal - Cont	7
30	PavHR		Panicum virgatum 'Hot Rod'	Hot Rod Switch Grass	1-Gal - Cont	7
17	SpheT		Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	1-Gal - Cont	7

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
7	Caray		Campsis radicans 'Flava'	Yellow Trumpet Creeper	2" - 3" - Cont	7
6	Carom		Campsis radicans 'Monbal'	Monbal Sunset Trumpet Creeper	2" - 3" - Cont	7
6	HyamM		Hydrangea anomala petalata 'Miranda'	Miranda Climbing Hydrangea	2" - 3" - Cont	7

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
14	JuchMJ		Juniperus chinensis 'Mint Julep'	Mint Julep Juniper	18" - 24" - B&B	6
19	JupISG		Juniperus x pfitzeriana 'Morsano'	Sea of Gold Juniper	18" - 24" - B&B	6
33	TameDS		Toxus x media 'Densiformis Select'	Select Dense Spreading Yew	18" - 24" - B&B	6
8	Thoch		Thuja occidentalis 'Holmsport'	Holmsport Dwarf Arborvitae	2" - 3" - B&B	6

Comments

- STRAIGHT CENTRAL LEADER, FULL & EVEN CROWN. PRUNE ONLY AFTER PLANTING.
- WELL-BRANCHED, MULTISTEMMED TREE WITH A MINIMUM OF 3 STRONG CANES AND FULL APPEARANCE.
- PRUNE EXISTING TREE REMOVE ANY DEAD, DISEASED OR HAZARDOUS LIMBS. THIN OUT AS REQUIRED & RAISE CANOPY FOR SAFETY & VISIBILITY FOR BOTH PEDESTRIANS & MOTORISTS.
- SHOULDER TREE DENSITY AND GROUND COVER TO A MINIMUM OF 1" BELOW ADJACENT GRADE. REMOVE GRASSING OVER A FULL ROW OF TOPSOIL & SOW TURF GRASS SEED AS REQUIRED.
- EVENLY SHAPED UPRIGHT TREE WITH FULL BRANCHING TO THE GROUND.
- FULL WELL ROOTED PLANT, EVENLY SHAPED.
- FULL WELL ROOTED PLANT.
- MAIL ONLY.
- REPLACEMENT STREET TREE.

LANDSCAPE PLAN CODED CONSTRUCTION NOTES

- MULCH BED AREA. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
- EARTHEN BED EDGE (SHOVEL POINT) LANDSCAPE EDGE. TYPICAL ALL PLANT MATERIAL AREAS. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. (FOR BROWN ENVIRONMENTAL). REFER TO GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
- MULCHED 4'x3' DIRT TREE RING BED AREA w/ EARTHEN BED EDGE (SHOVEL POINT) LANDSCAPE EDGE AS REQUIRED. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. REFER TO LSP1.2.
- SEEDED AREAS OF TURF GRASS. REPAIR ANY AND ALL TURF DAMAGE FROM THE CONSTRUCTION PROCESS. IT IS VERY IMPORTANT TO FOLLOW THE MANUFACTURERS INSTALLATION INSTRUCTIONS REGARDING THE TURF GRASS FOR PROPER GERMINATION AND SURVIVABILITY OF THE SEED MIX. ALSO REFER TO GENERAL NOTES FOR PREPARATION OF TOP SOIL AND SEED INSTALLATION. REFER TO GRADING PLAN, GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
- THE PROJECT HAS ESTABLISHED TURF. REPAIR ANY AND ALL TURF DAMAGE FROM THE CONSTRUCTION PROCESS. RE-ESTABLISH TURF IN ANY AREAS WHERE EXISTING TURF IS DEAD. PROPERLY SEED EFFECTED AREAS OF TURF GRASS. IT IS VERY IMPORTANT TO FOLLOW THE MANUFACTURERS INSTALLATION INSTRUCTIONS REGARDING THE TURF GRASS FOR PROPER GERMINATION AND SURVIVABILITY OF THE SEED MIX. ALSO REFER TO GENERAL NOTES FOR PREPARATION OF TOP SOIL AND SEED INSTALLATION. REFER TO GRADING PLAN, GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
- SEEDED AREAS OF NO-GROW LOW GROW GRASS SEED MIX FROM REINDEER'S. REPAIR ANY AND ALL TURF DAMAGE FROM THE CONSTRUCTION PROCESS. IT IS VERY IMPORTANT TO FOLLOW THE MANUFACTURERS INSTALLATION INSTRUCTIONS REGARDING THE SEED MIXES FOR PROPER GERMINATION AND SURVIVABILITY. ALSO REFER TO GENERAL NOTES FOR PREPARATION OF TOP SOIL AND SEED INSTALLATION.
- BIONET - 3150SM-SHORT-TERM BIODEGRADABLE DOUBLE-NET STRAIN BLANKET (0.23 INCHES) INSTALLED AT BIO RETENTION BASINS ABOVE INFILTRATION SWALE SEED MIX AND BELOW PROPOSED RIPRAP. - INSTALL WITH 4 INCH BIODEGRADABLE NORTH AMERICAN GREEN BASTAKE.
- SODDED AREAS OF TURF GRASS TO REPAIR AND RESTORE DAMAGE FROM THE CONSTRUCTION PROCESS IN REMOVING EXISTING CURB CUT. SODDED AREAS OF CERTIFIED TURF GRASS SOD QUALITY WITH STRONG FIBROUS ROOT SYSTEM. FREE OF STONES, BURNED OR BARE SPOTS; CONTAINING NO MORE THAN 5 WEEDS PER 1000 SQ. FT. MINIMUM AGE OF 18 MONTHS, WITH ROOT DEVELOPMENT THAT WILL SUPPORT ITS OWN WEIGHT WITHOUT LEAVING. WHEN SUBSIDED VERTICALLY BY HOLDING THE UPPER TWO CORNERS. REFER TO GENERAL NOTES FOR PREPARATION OF TOP SOIL AND TURF AREA. AND ALSO REFER TO GRADING PLAN FOR FURTHER INFORMATION.
- 6'-0" TALL TREX SECTIONS COMPOSITE FENCING IN WINCHHESTER GRAY COLOR. REFER TOMANUFACTURERS INSTALLATION INSTRUCTIONS AND SPECIFICATIONS FOR FURTHER INFORMATION. REFER DETAILS TO LSP1.3 AND LSP1.3 FOR FURTHER INFORMATION.

Date of Drawing: 05/20/20
Scale: 1" = 20'-0"
Drawn By: MCB
Job Number: L19-071
Sheet Number:

LSP1.1

Project:

FOX POINT
LUTHERAN
CHURCH
7510 N. Santa Monica Blvd
Fox Point, WI 53217

Issuance and Revisions:

Date	Number	Description
07/10/19		Client Review Submittal
07/16/19		Plan Commission Submittal
03/05/20		Construction Document Submittal
05/20/20		Plan Commission Re-Submittal

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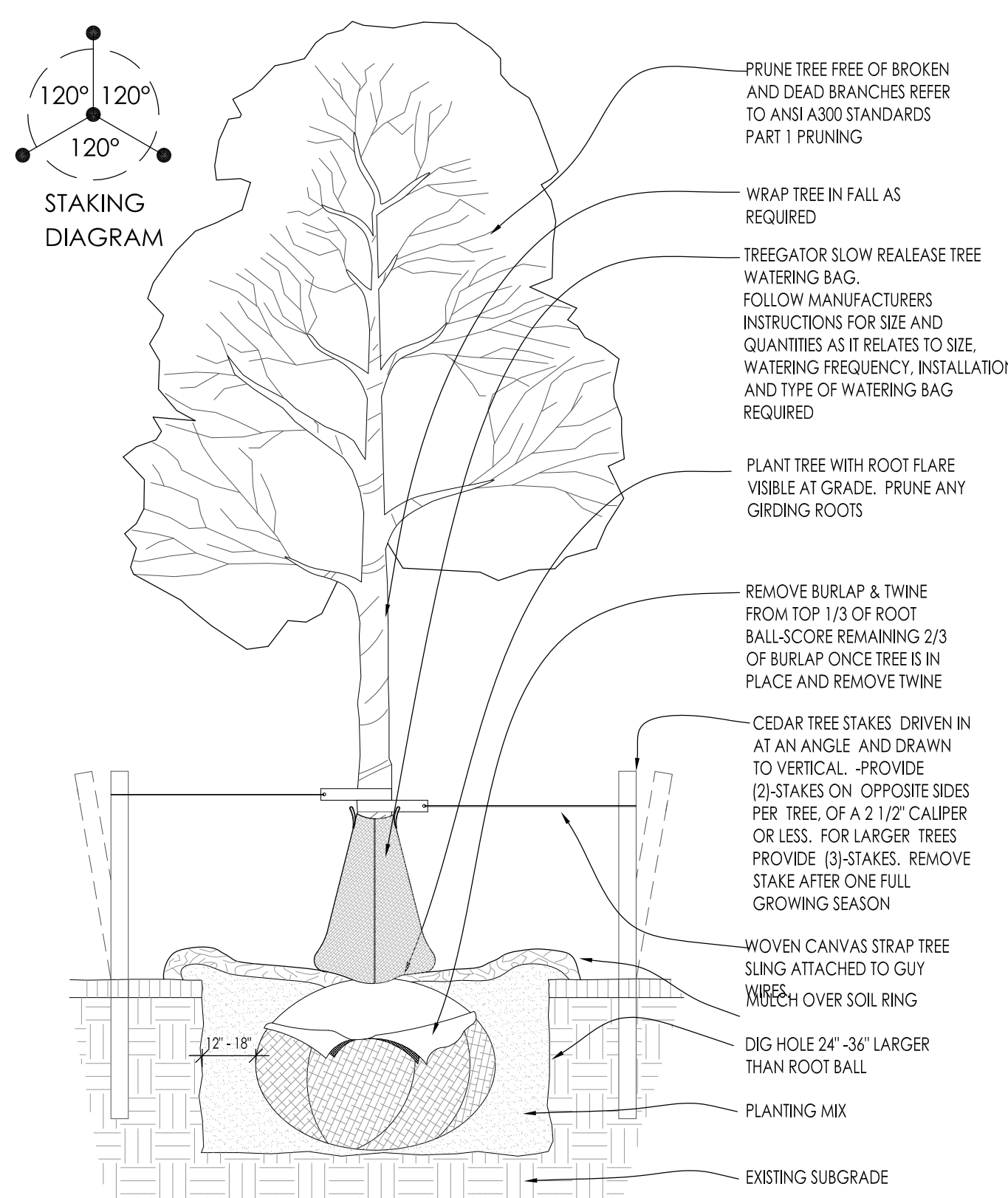
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PROPOSED LANDSCAPE PLAN,
PLANTING DETAILS

Date of Drawing:	05/20/20
Scale:	As Noted
Drawn By:	MCD
Job Number:	L19-071
Sheet Number:	

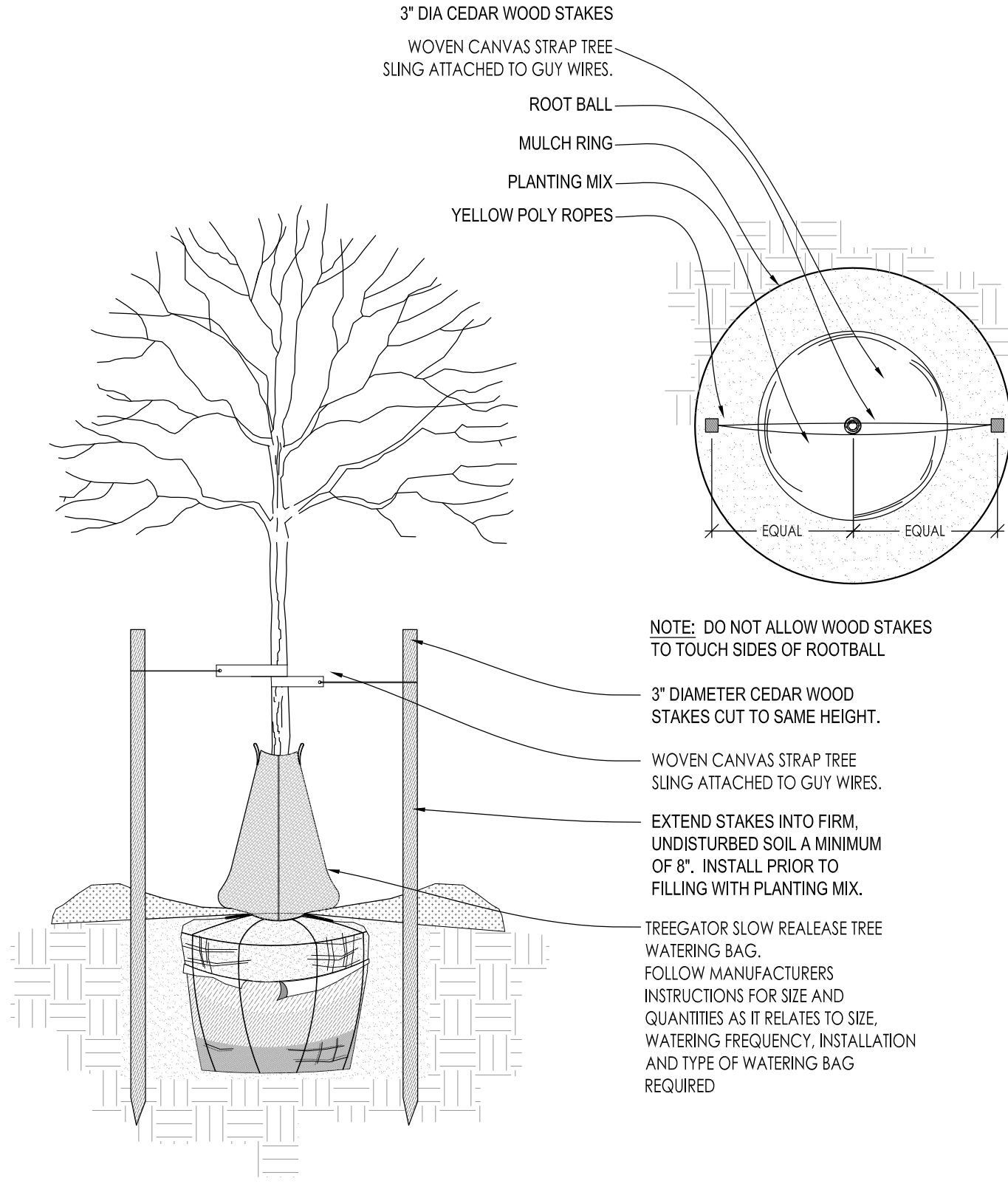
LSP1.2

CONSTRUCTION SET USE NO OTHER- DO NOT SCALE THESE DRAWINGS-



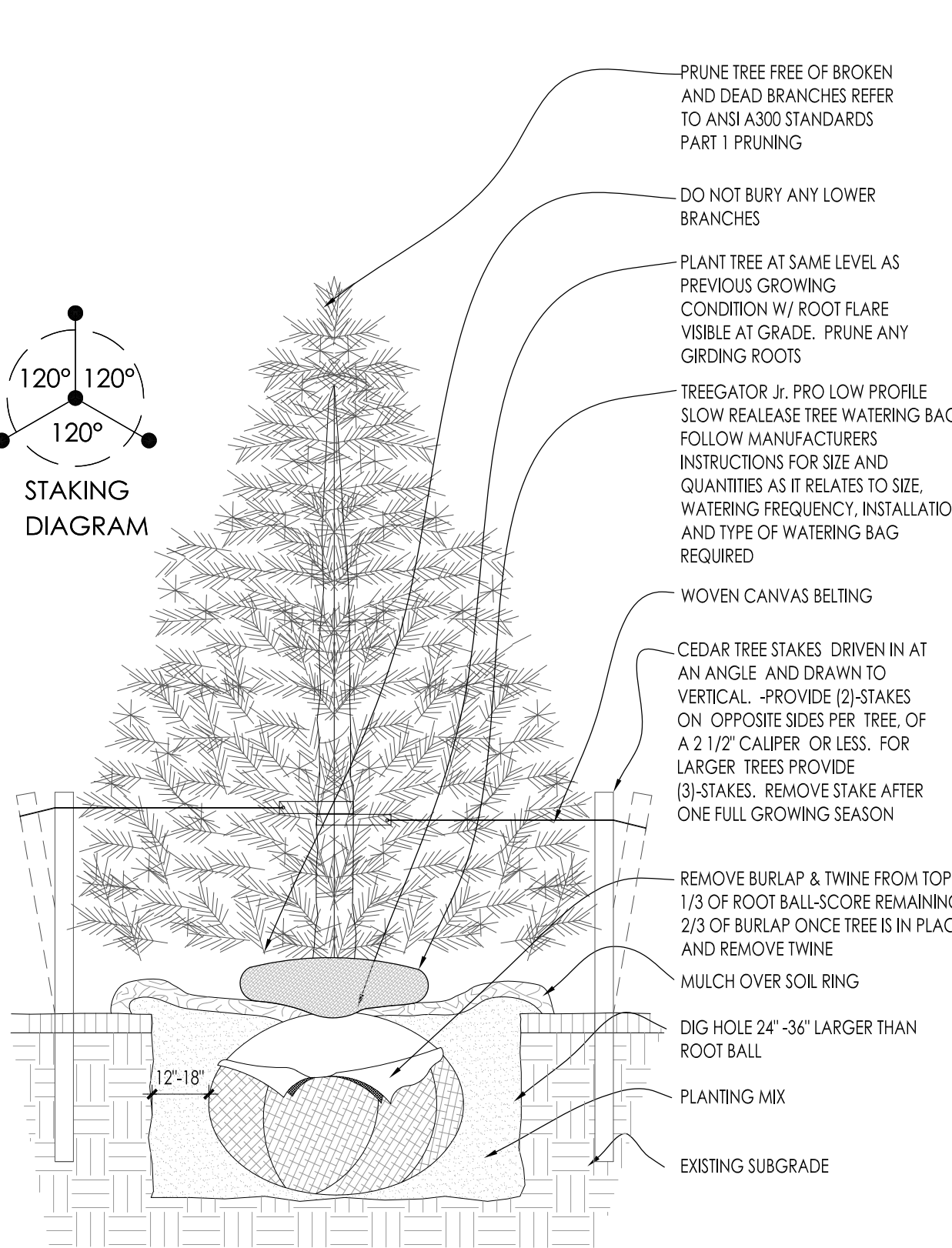
1 DECIDUOUS TREE PLANTING DETAIL

SCALE: NONE



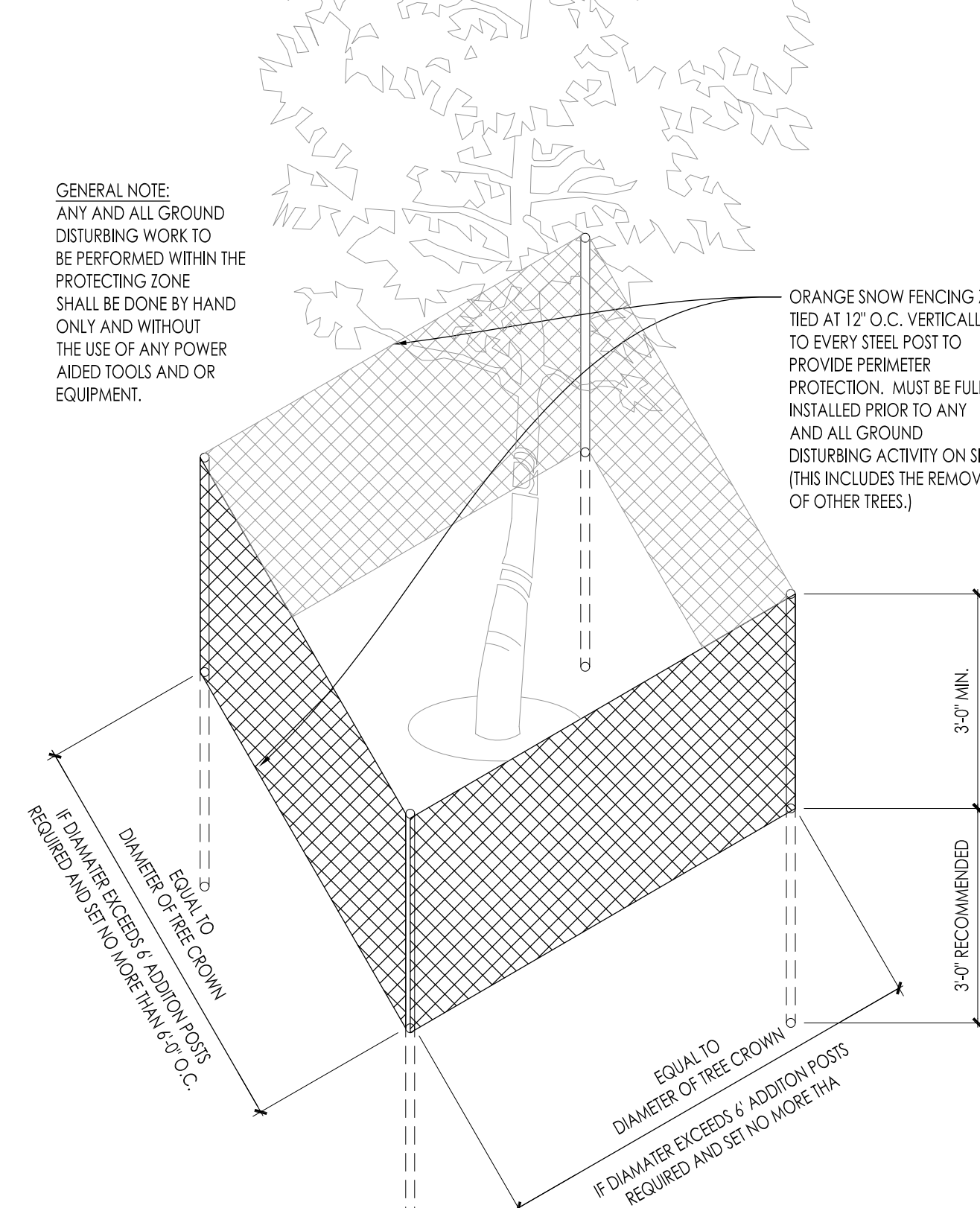
2 DECIDUOUS TREE STAKING
PARKING ISLAND/RESTRICTED AREAS

SCALE: NONE



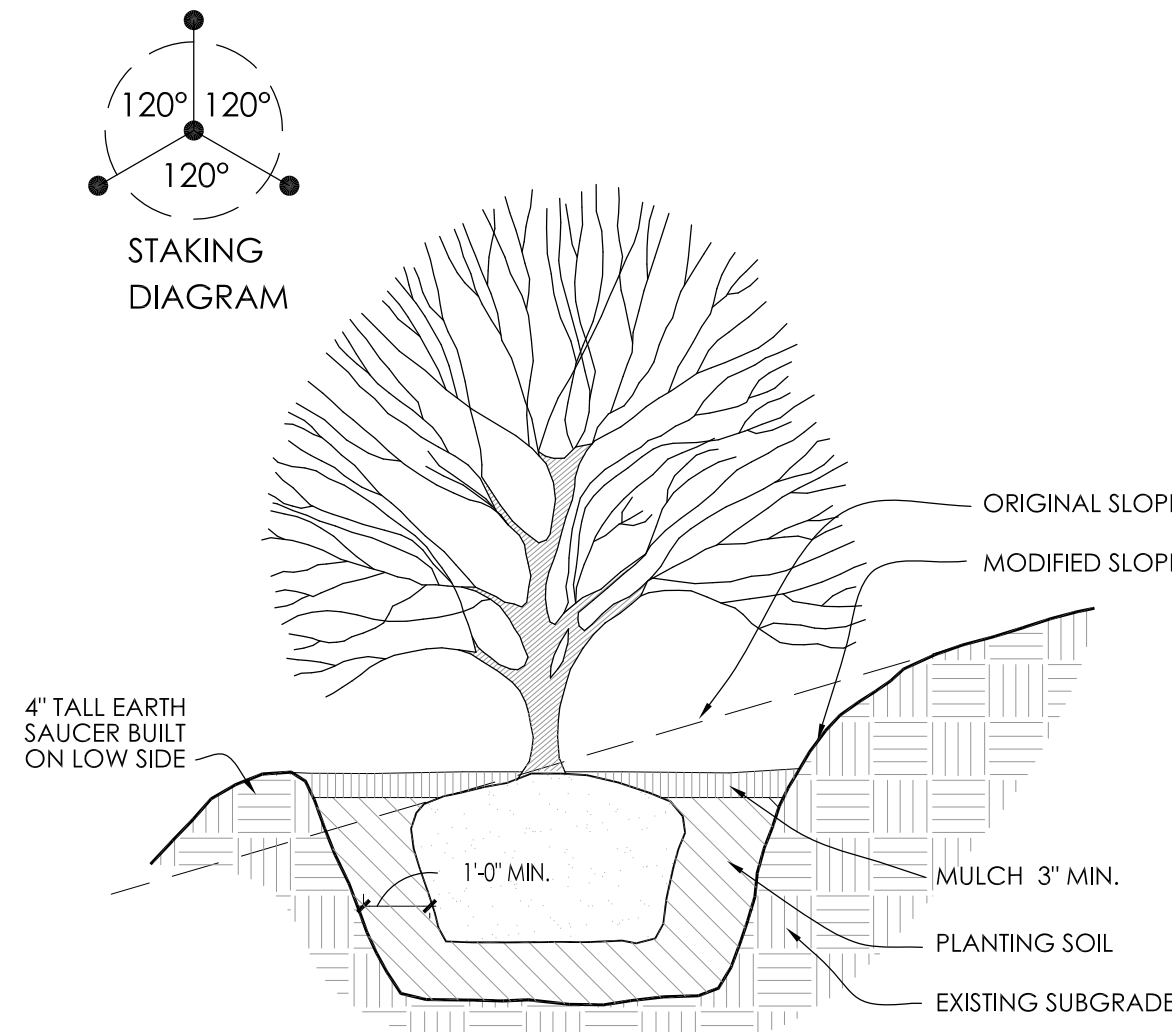
3 CONIFEROUS TREE PLANTING DETAIL

SCALE: NONE



4 EXISTING TREE PROTECTION DETAIL

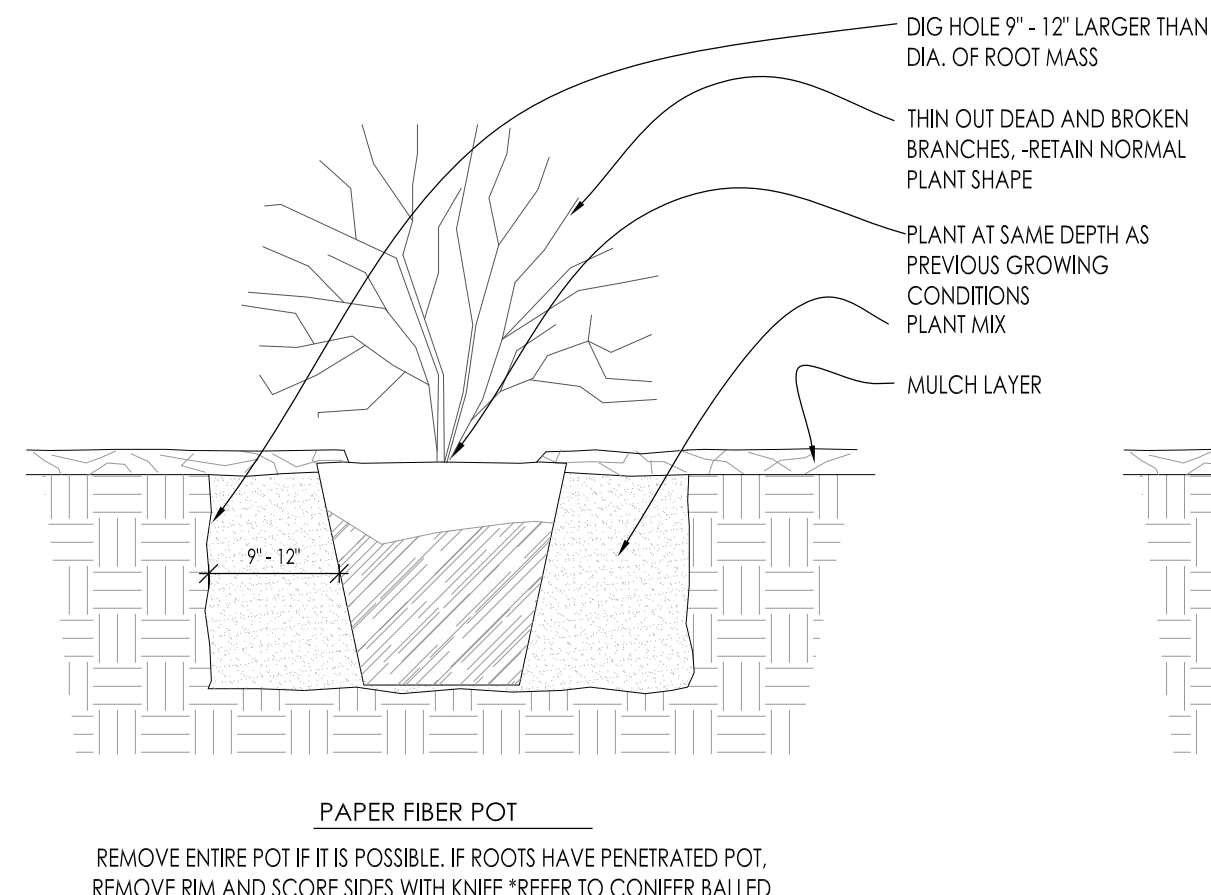
SCALE: NONE



5 SLOPE PLANTING DETAIL

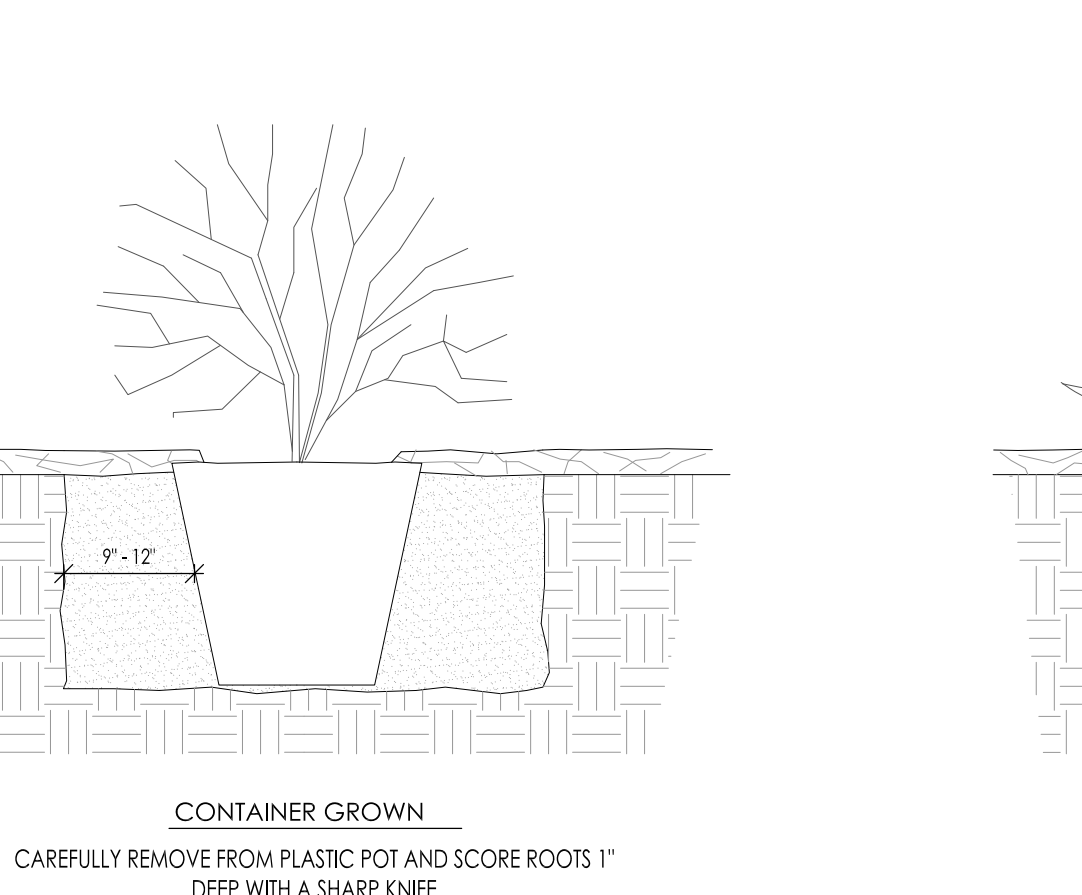
REFER TO TYPICAL DECIDUOUS TREE DETAIL FOR STAKING

SCALE: NONE



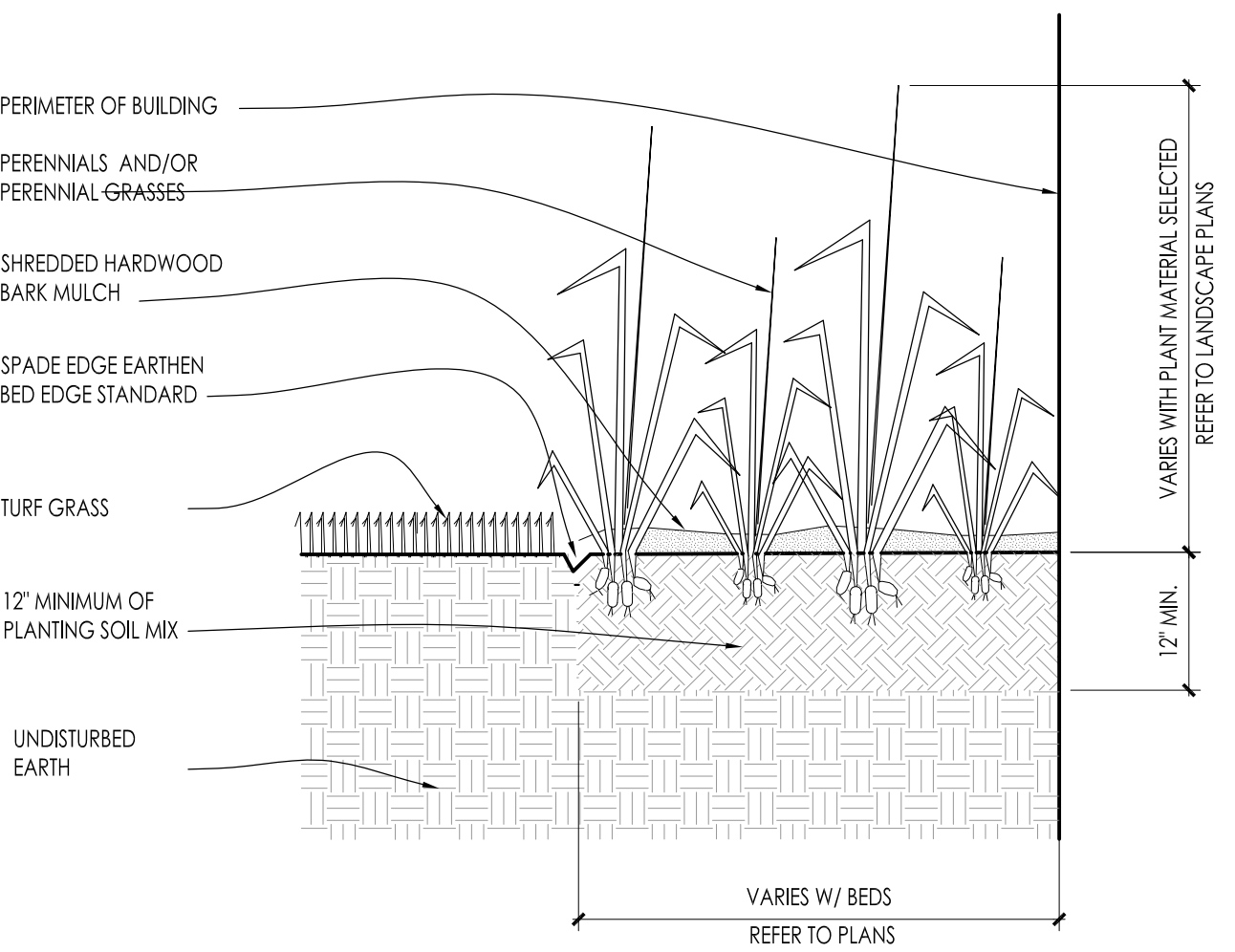
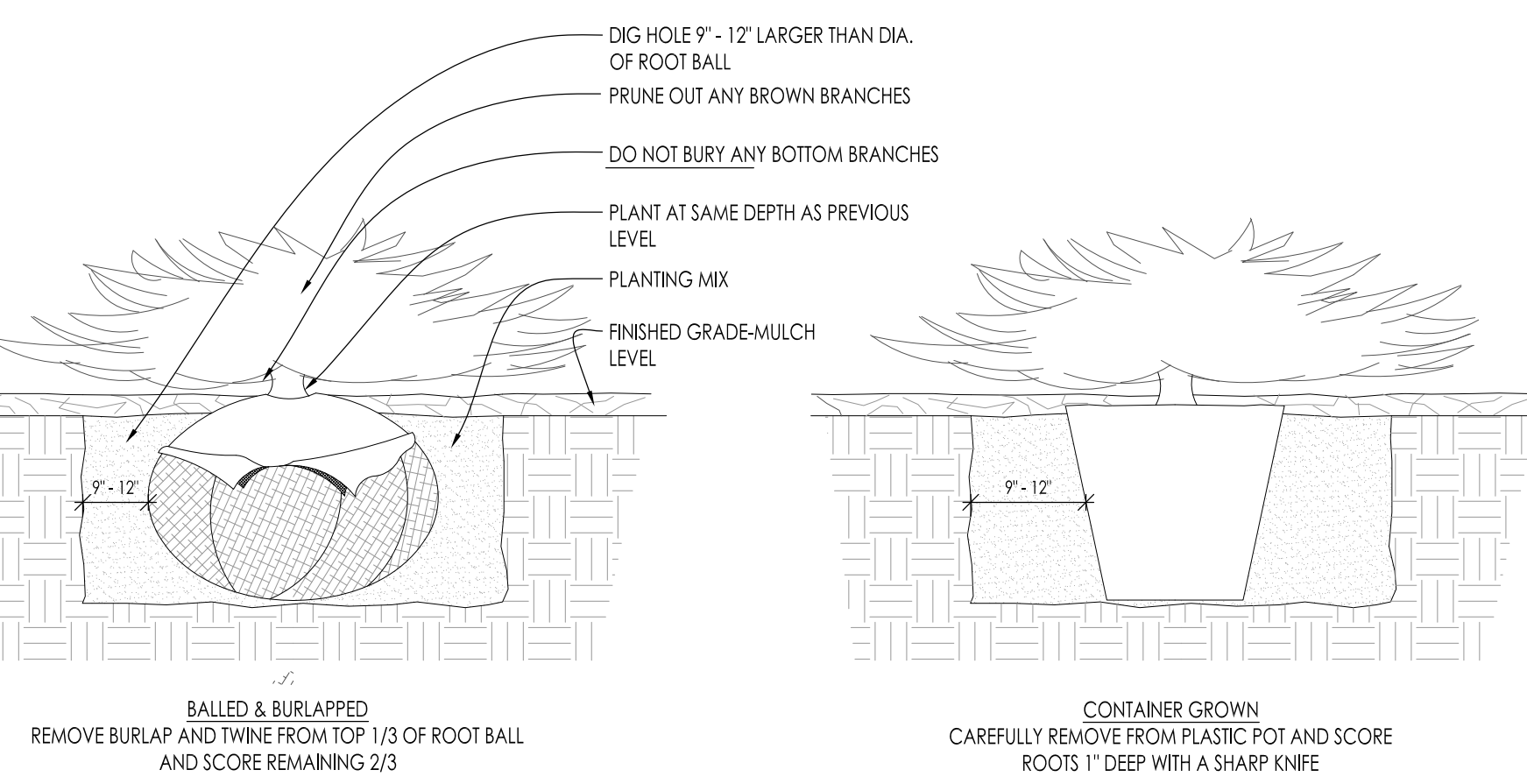
6 DECIDUOUS SHRUB PLANTING DETAIL

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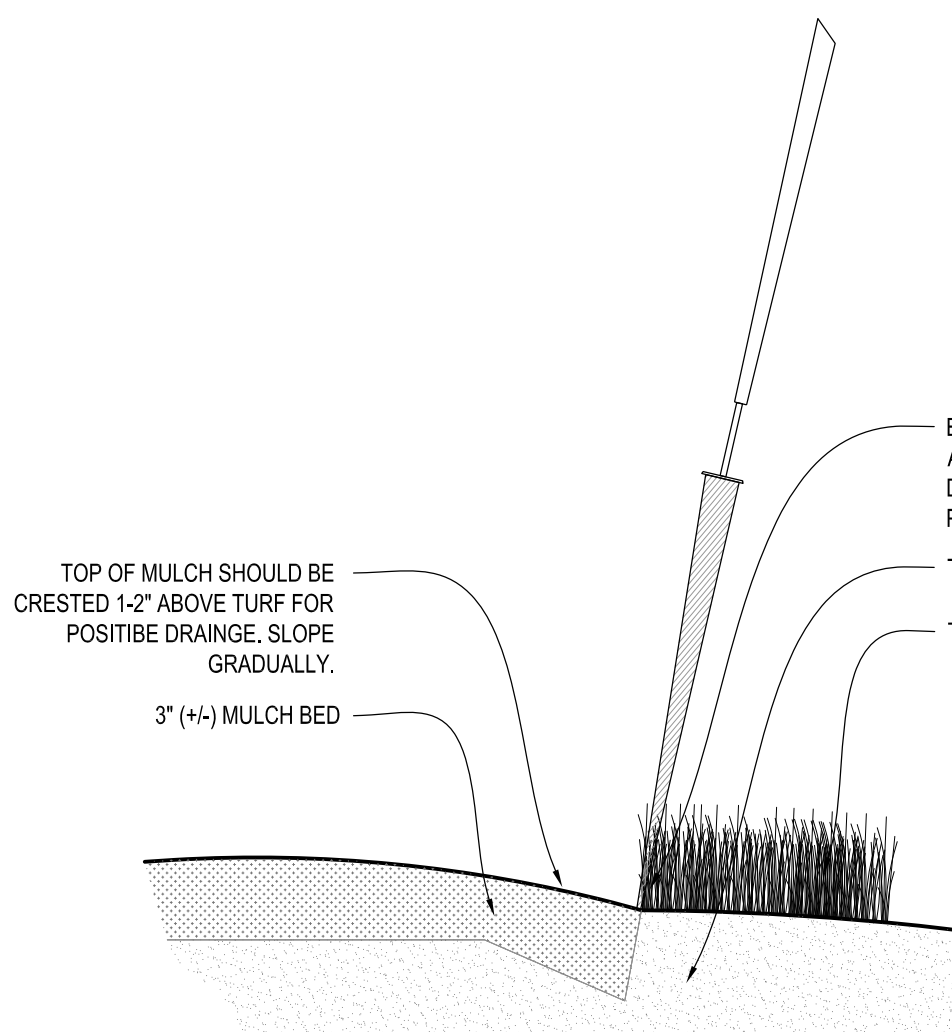
7 CONIFEROUS SHRUB PLANTING DETAIL

SCALE: NONE



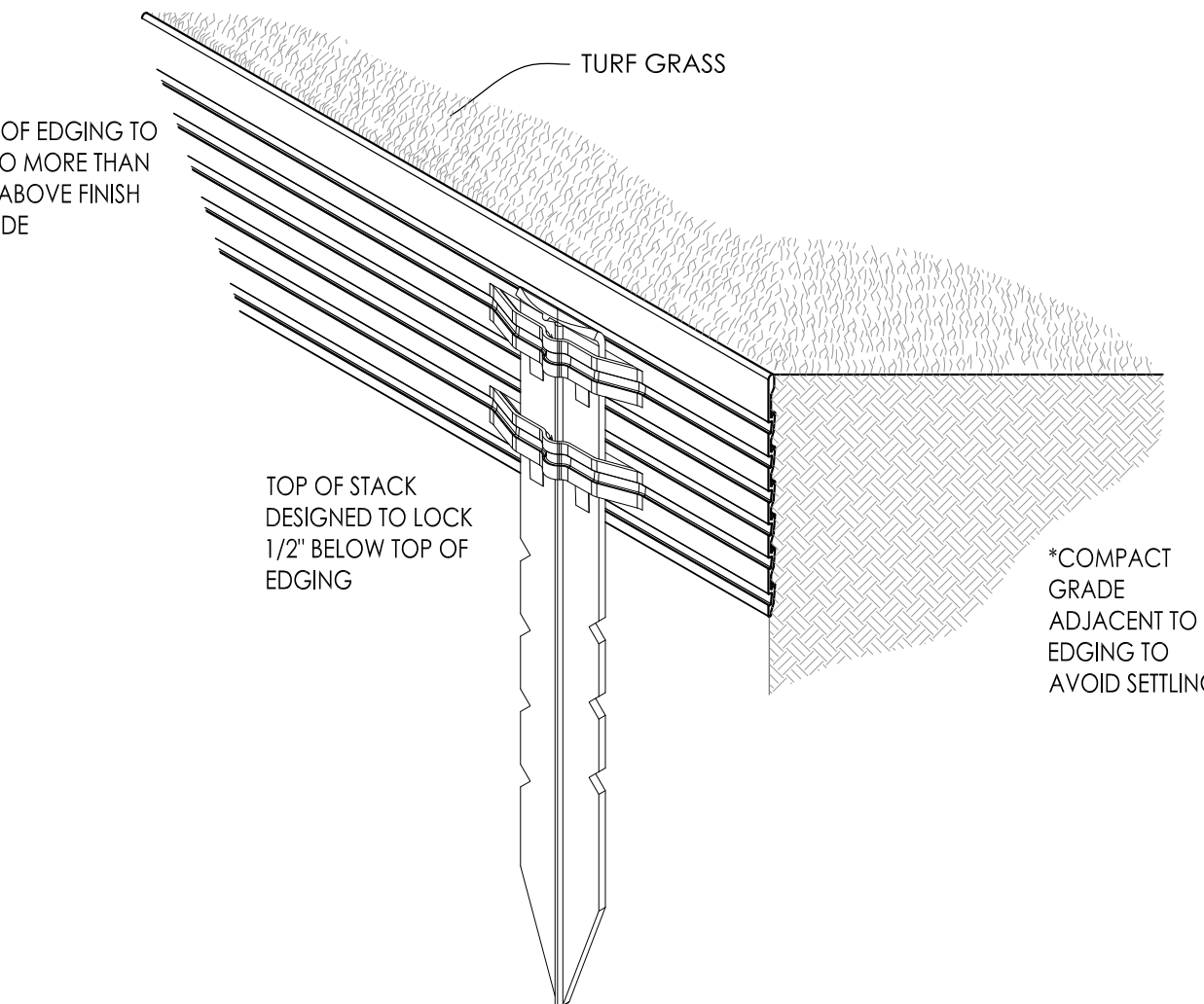
8 PERENNIAL BED PLANTING DETAIL

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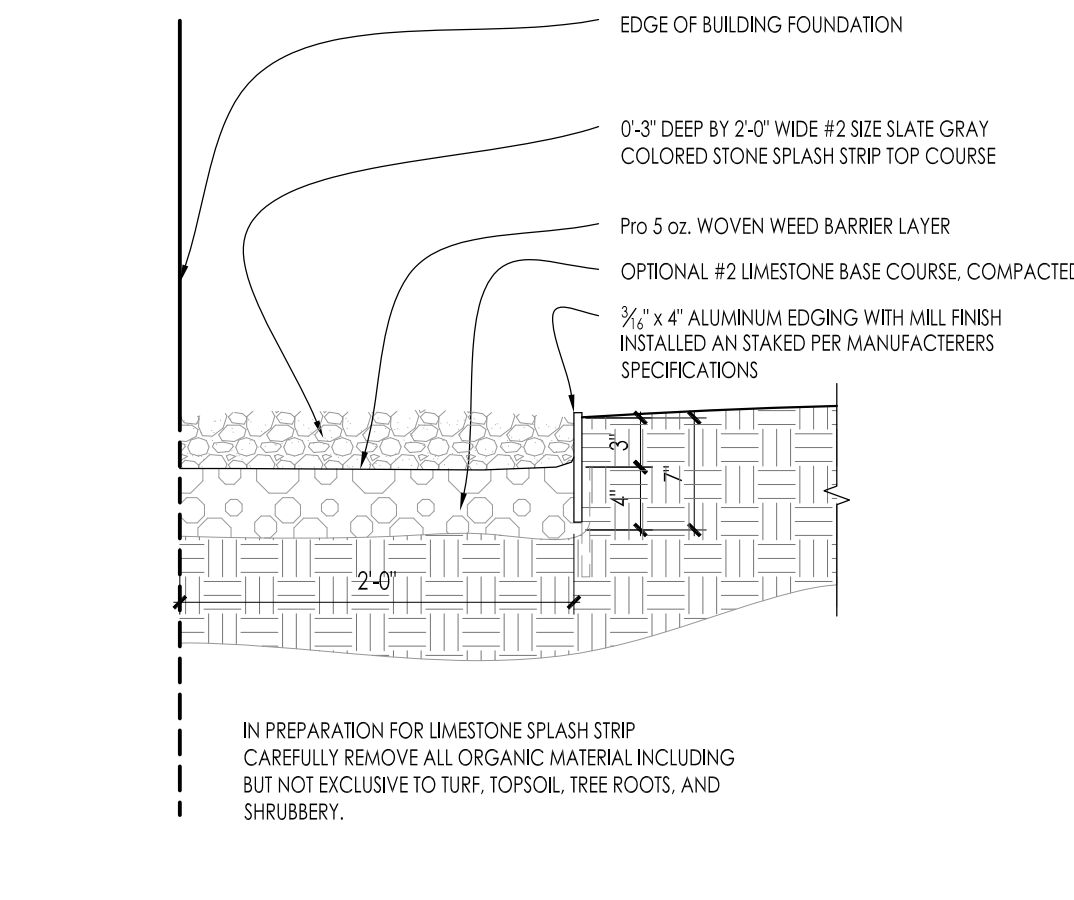
9 SPADE EDGE PLANT BED EDGE DETAIL

SCALE: NONE



10 METAL LANDSCAPE EDGING DETAIL

SCALE: 1/2" = 1'-0"



11 COMPACTED GRAVEL SPLASH STRIP

SCALE: 1" = 1'-0"

Project:

FOX POINT
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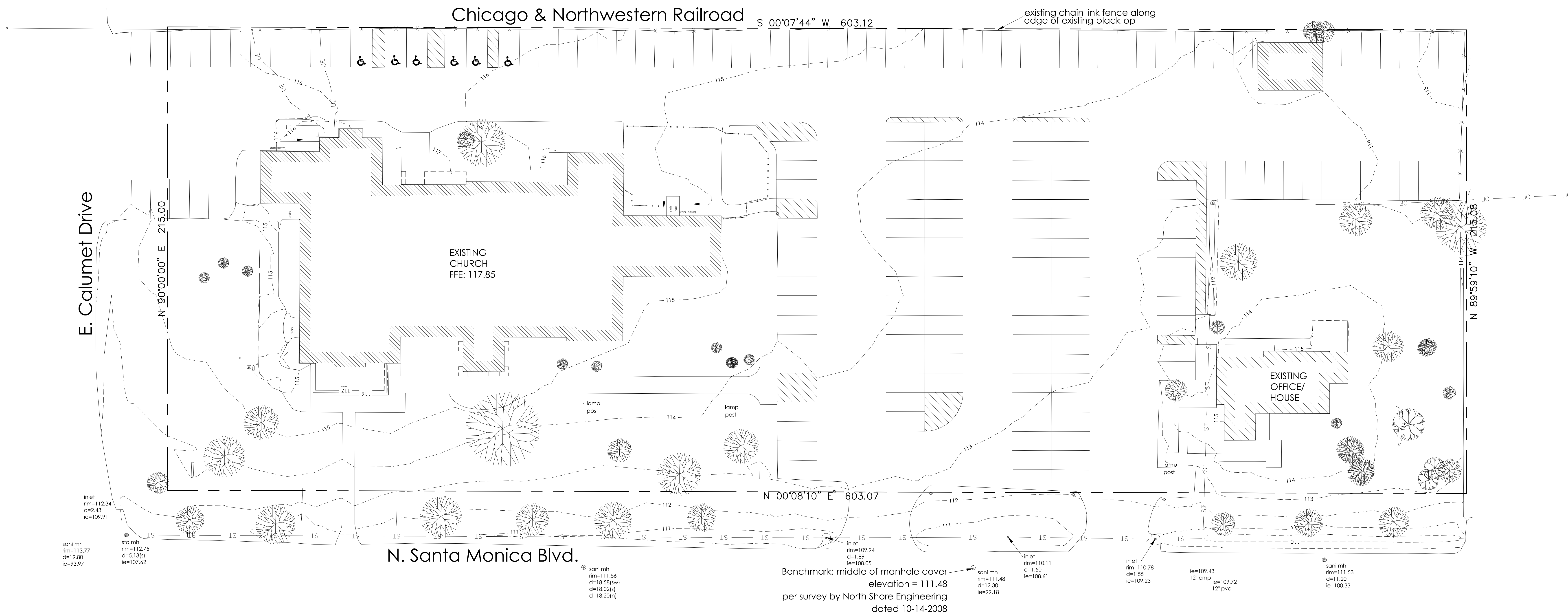
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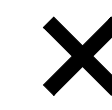
Date of Drawing:	05/20/20
Scale:	As Noted
Drawn By:	MCD
Job Number:	L19-071
Sheet Number:	

LSP1.3

CONSTRUCTION SET USE NO OTHER- DO NOT SCALE THESE DRAWINGS-



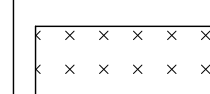
DEMOLITION LEGEND



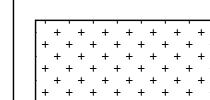
APPROXIMATE LOCATION OF TREE TO BE EITHER REMOVED AND
DISPOSED OF OFFSITE OR RELOCATED.



HATCH TYPE INDICATES BUILDING TO BE REMOVED AND
DISPOSED OF OFFSITE



HATCH TYPE INDICATES ASPHALT PAVEMENT TO BE REMOVED AND
DISPOSED OF OFFSITE



HATCH TYPE INDICATES CONCRETE PAVEMENT TO BE REMOVED
AND DISPOSED OF OFFSITE



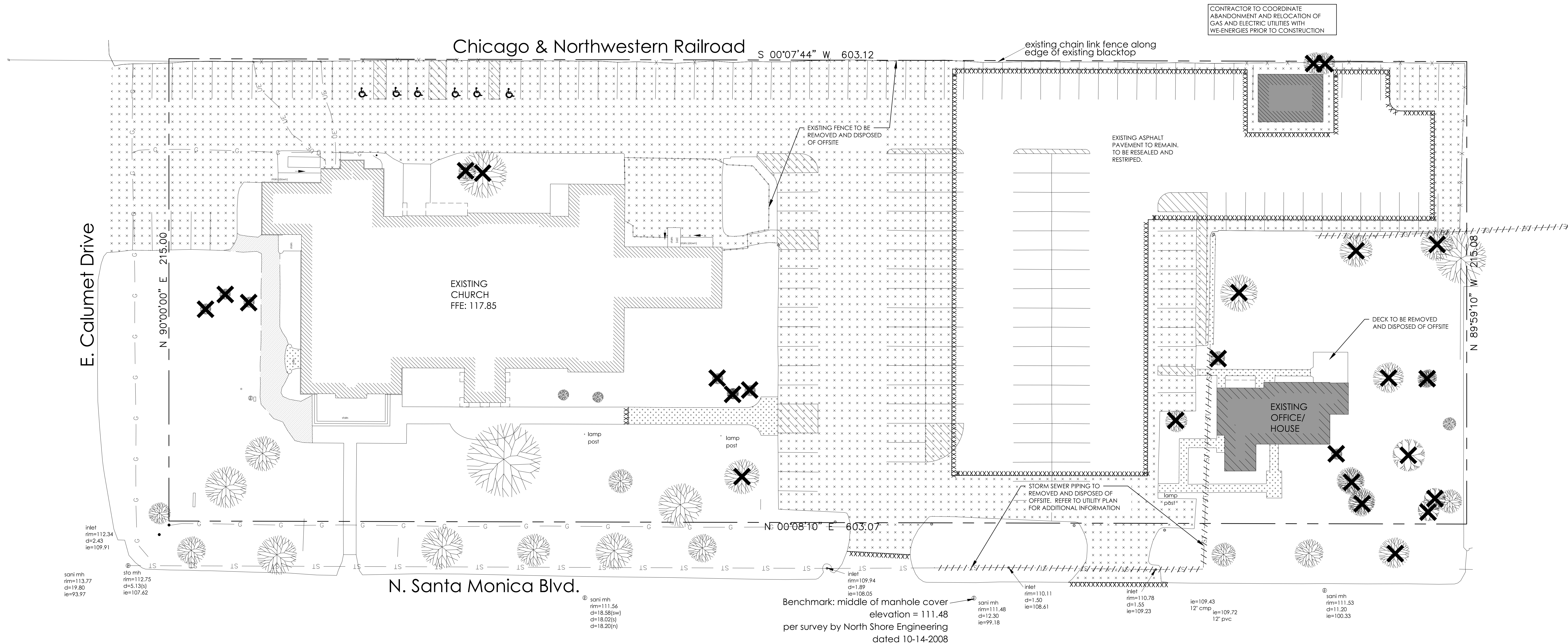
HATCH TYPE INDICATES GRAVEL TO BE REMOVED AND DISPOSED OF
OFFSITE



SYMBOL INDICATES LOCATIONS WHERE ADDITIONAL CAUTION IS
ADVISED AS A RESULT OF POTENTIAL UTILITY CONFLICTS

XXXXXXXXXXXX LINE TYPE INDICATES FULL-DEPTH SAWCUT TO BE PERFORMED

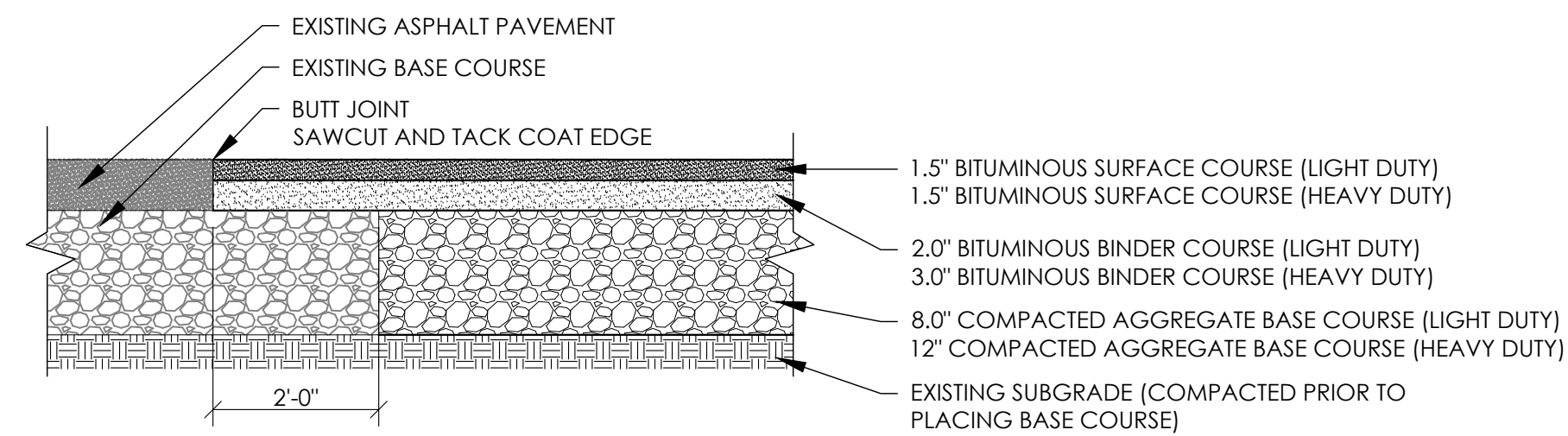
----- LINE TYPE INDICATES UTILITIES TO BE ABANDONED



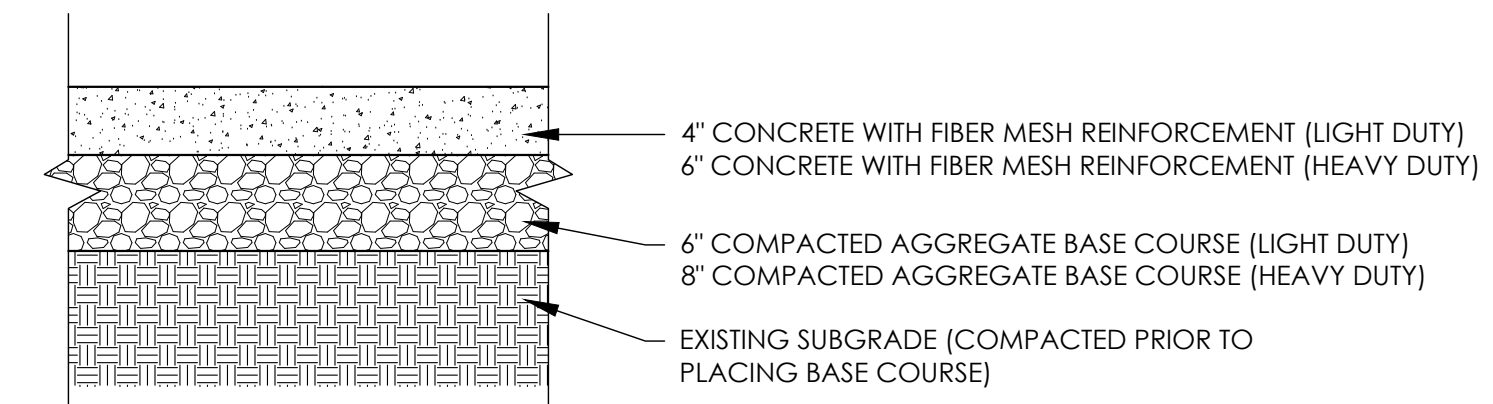
SITE DEMOLITION PLAN

SCALE: 1"=20'

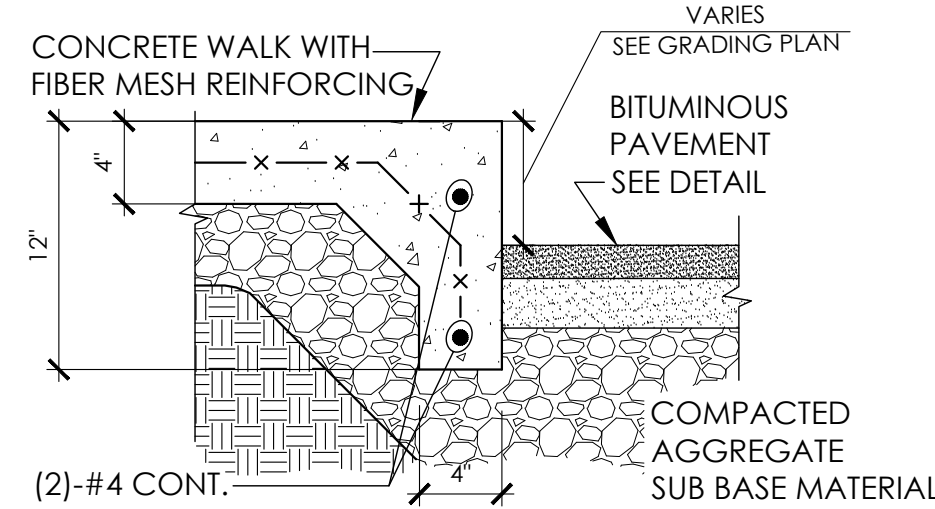




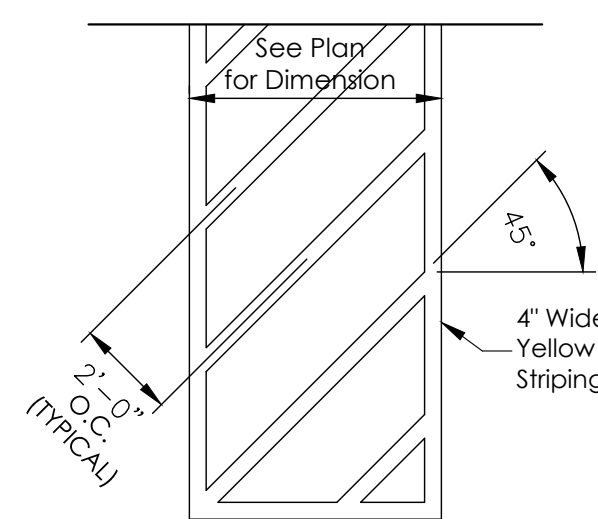
ASPHALT PAVEMENT CROSS SECTION



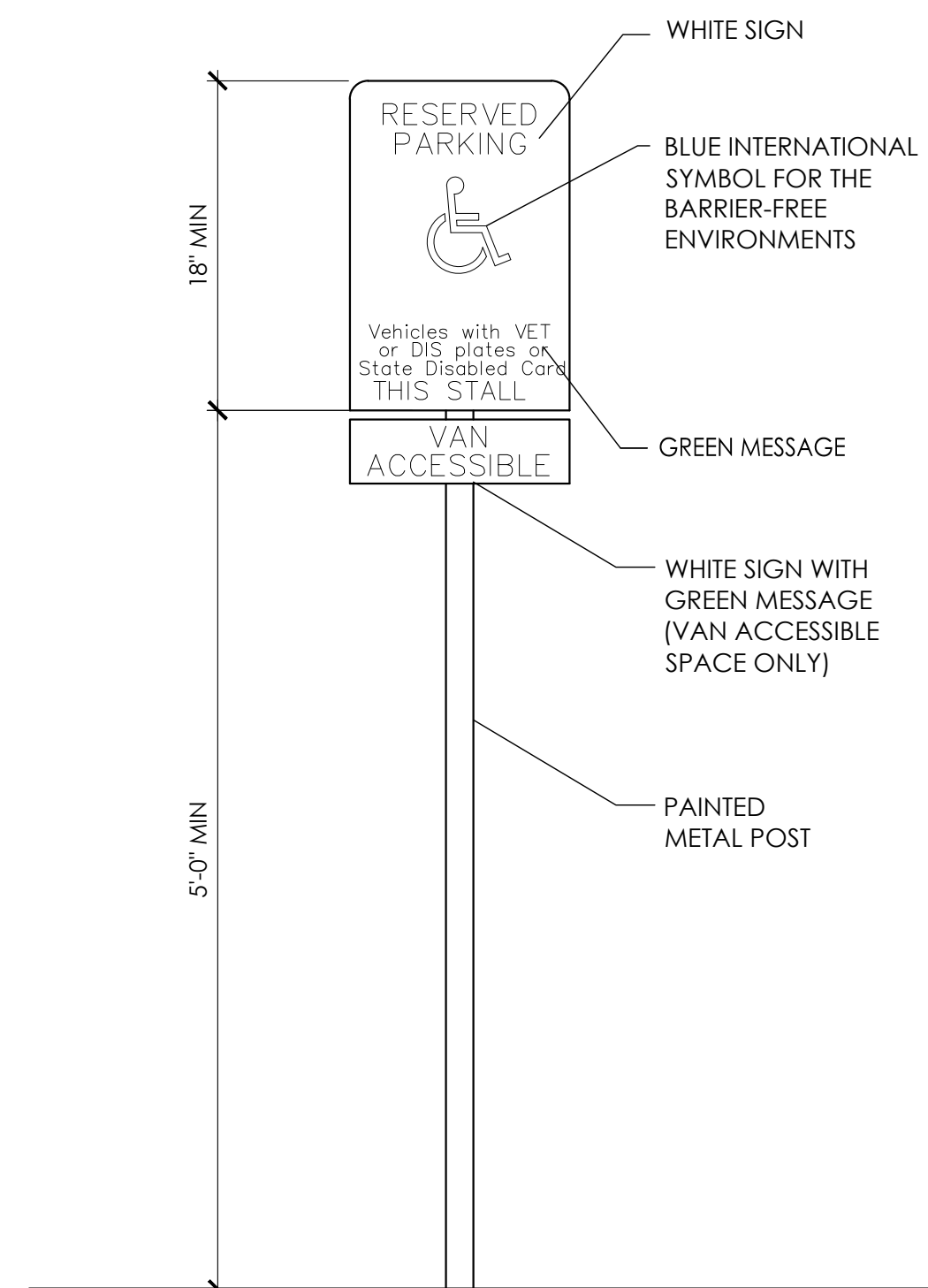
CONCRETE CROSS SECTION



CONCRETE CURB & SIDEWALK SECTION



ACCESS AISLE STRIPING

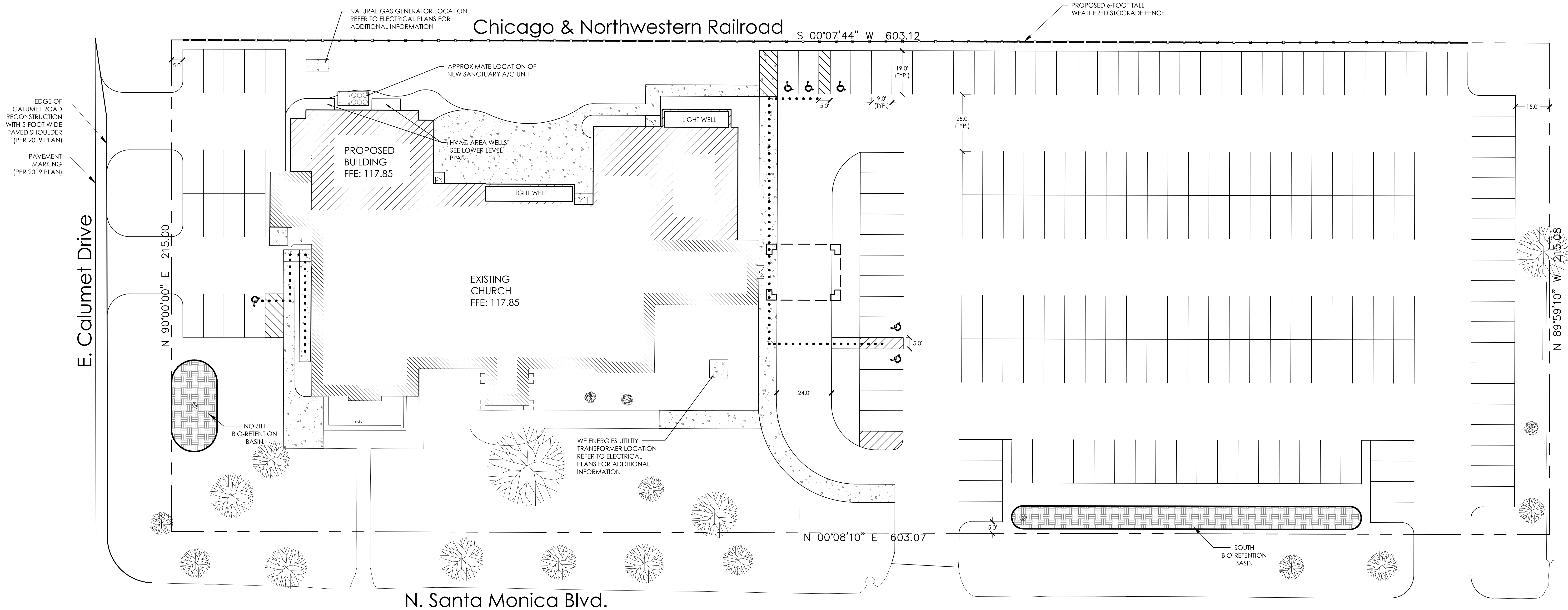


HANDICAPPED PARKING SIGNAGE DETAIL

SITE LEGEND	
	EXTENTS OF PROPOSED BUILDING. REFER TO ARCHITECTURAL DRAWINGS.
	PROPOSED LIGHT DUTY PAVEMENT HATCH. SEE DETAIL.
	PROPOSED HEAVY DUTY PAVEMENT HATCH. SEE DETAIL.
	PROPOSED LIGHT DUTY CONCRETE HATCH. SEE DETAIL.
	PROPOSED HEAVY DUTY CONCRETE HATCH. SEE DETAIL.
	PROPOSED 18\"/>
	PROPOSED 18\"/>
	ADA ACCESSIBLE ROUTE

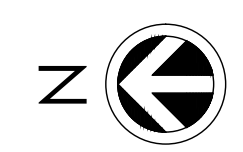


NOTE TO BIDDERS
BIDDERS SHALL REVIEW ALL DRAWINGS AND ALL SPECIFICATION SECTIONS TO DETERMINE THE IMPACT OF OTHER SECTIONS OF WORK ON THEIR OWN WORK.



N. Santa Monica Blvd.

SITE PLAN
SCALE: 1"=20'

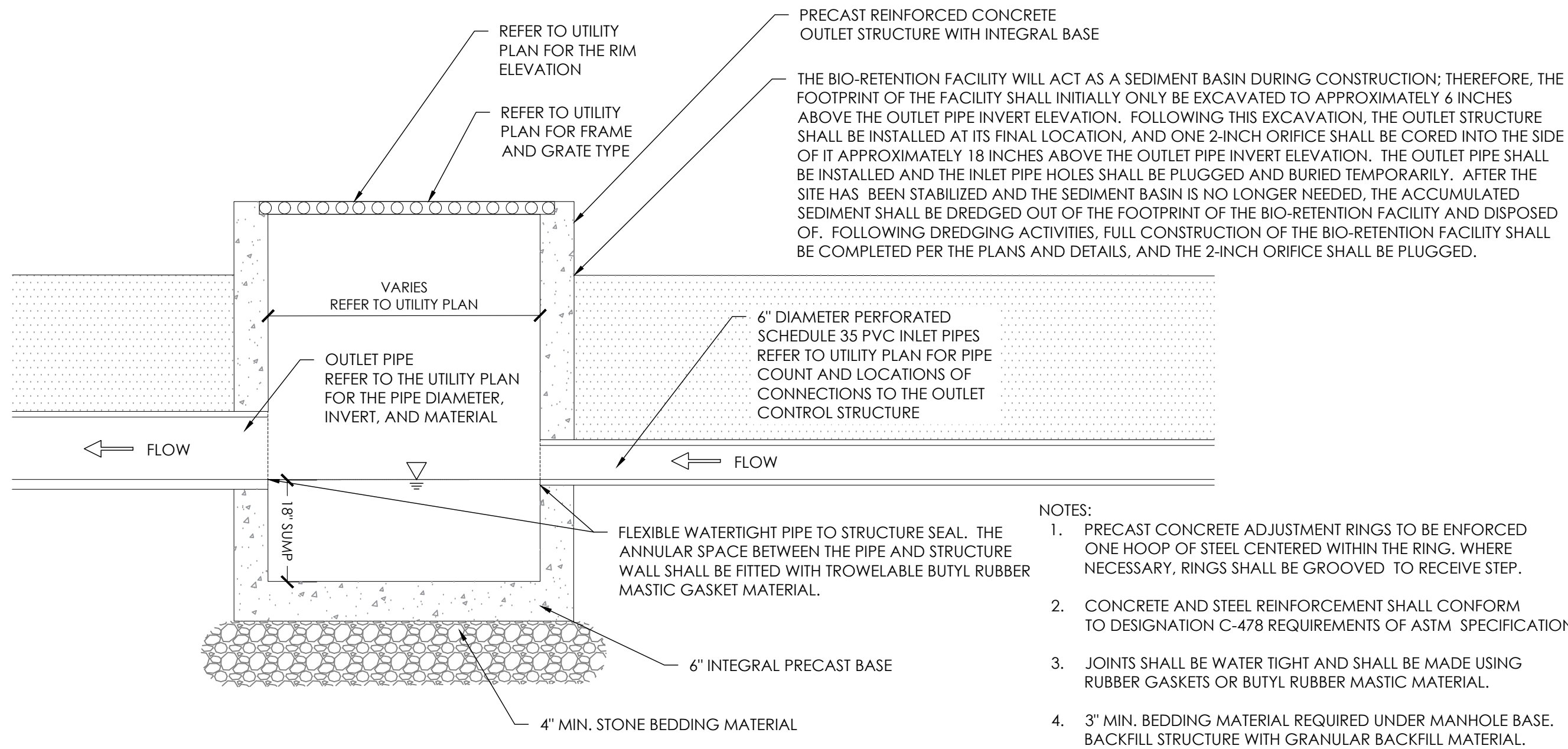


DRAWN BY: MDW
CHECKED BY: JRV

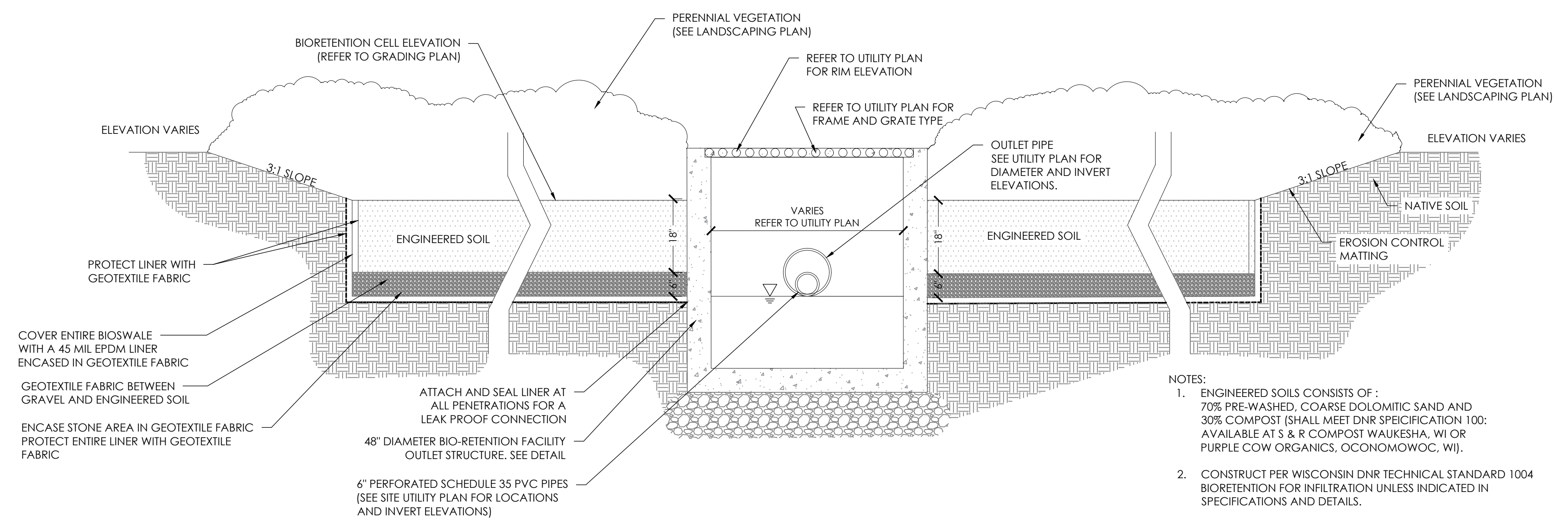
A
202

PROJ. NO. 2016-93

5/20/2020
ADDITION AND RENOVATION
FOX POINT LUTHERAN CHURCH
7510 N SANTA MONICA BLVD, FOX POINT, WI 53217
1135A MICHIGAN AVE. SHEBOYGAN, WI 53081 PH. 920-452-444 / 225 EAST ST. PAULI AVE. MILWAUKEE, WI 53202 (414) 837-6450
PRELIMINARY - NOT FOR CONSTRUCTION



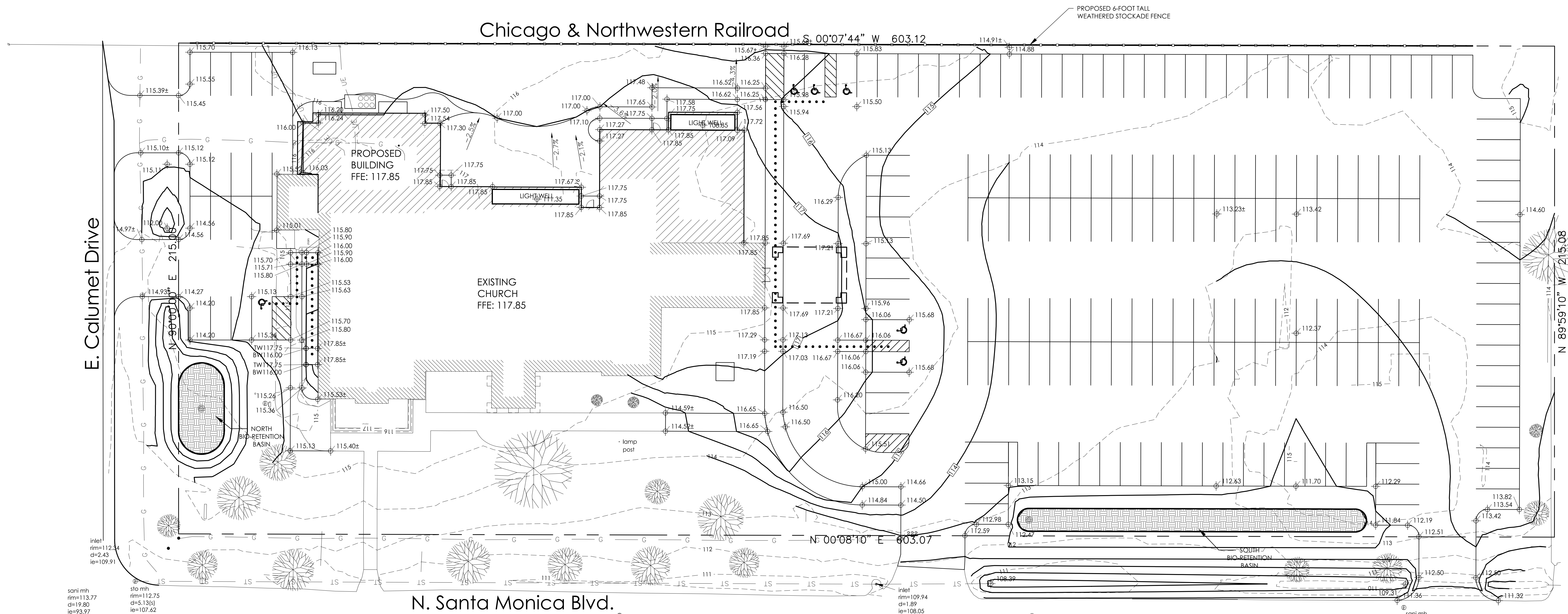
TYPICAL BIO-RETENTION OUTLET STRUCTURE DETAIL



TYPICAL BIO-RETENTION FACILITY DETAIL

GRADING LEGEND

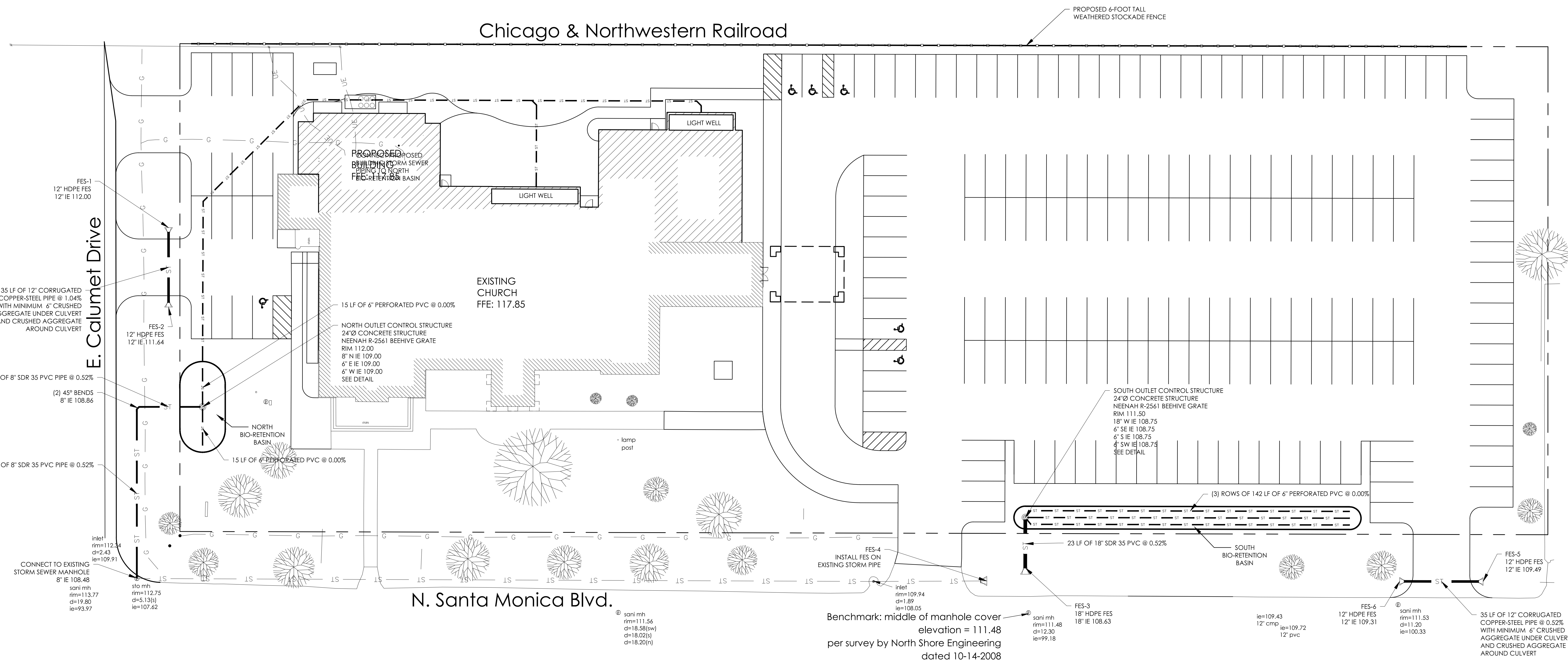
— 595 —	PROPOSED CONTOUR
- 595 -	EXISTING CONTOUR
⊕ 595.00	PROPOSED SPOT ELEVATION
⊕ 595.00±	MATCH EXISTING ELEVATION
TC 595.00	PROPOSED TOP OF CURB ELEVATION
BC 595.50	PROPOSED BOTTOM OF CURB ELEVATION



SITE GRADING PLAN

SCALE: 1"=20'

NOTE TO BIDDERS
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SITE UTILITY PLAN
SCALE: 1"=20'



EROSION CONTROL NOTES

1. POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
2. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
3. SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
5. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
6. WHEN POSSIBLE, PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE SOIL.
7. REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html
8. INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE **WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057** FOR ROCK CONSTRUCTION ENTRANCE(S)
9. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH **WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060**.
10. SLOPE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA, CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER **WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067**.
11. PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE. (Rev. February 2017)
12. PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH **WDNR TECHNICAL STANDARD DE-WATERING #1061**. (Rev. February 2017)
13. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 528). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER **WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064** AND **SEDIMENT TRAP #1063**.
14. INSTALL AND MAINTAIN SILT FENCING PER **WDNR TECHNICAL STANDARD SILT FENCE #1056**. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
15. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRA BALES PER **WDNR TECHNICAL STANDARD DITCH CHECKS #1062**.
16. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH **WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071**.
17. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
18. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15, STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER, STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FO REGION AND SOIL TYPE. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
19. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE MUNICIPALITY. SEPARATE SWEEP MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.

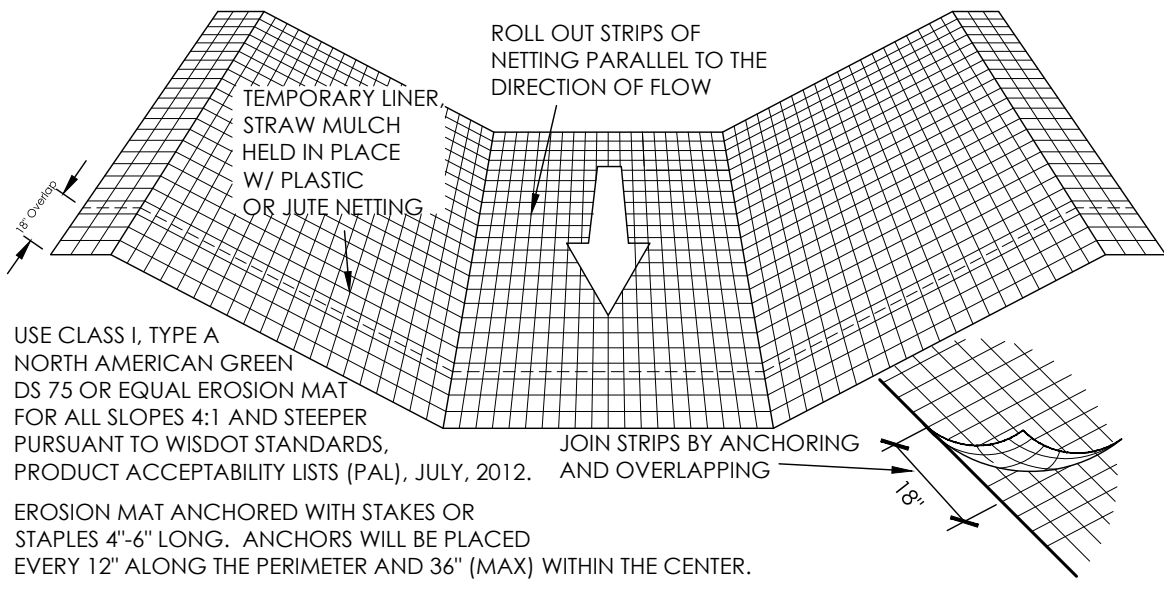
EROSION CONTROL NOTES (CONT.)

21. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER **WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068**.
22. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
23. COORDINATE WITH THE CONTRACTOR TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERM).
24. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE APPROPRIATE EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER **WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052**.
25. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE APPROPRIATE EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER **WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053**.
26. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
27. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATLES, SWALES, ETC.) OR AS DIRECTED BY THE MUNICIPALITY.
28. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT <http://dnr.wi.gov/botw/>.

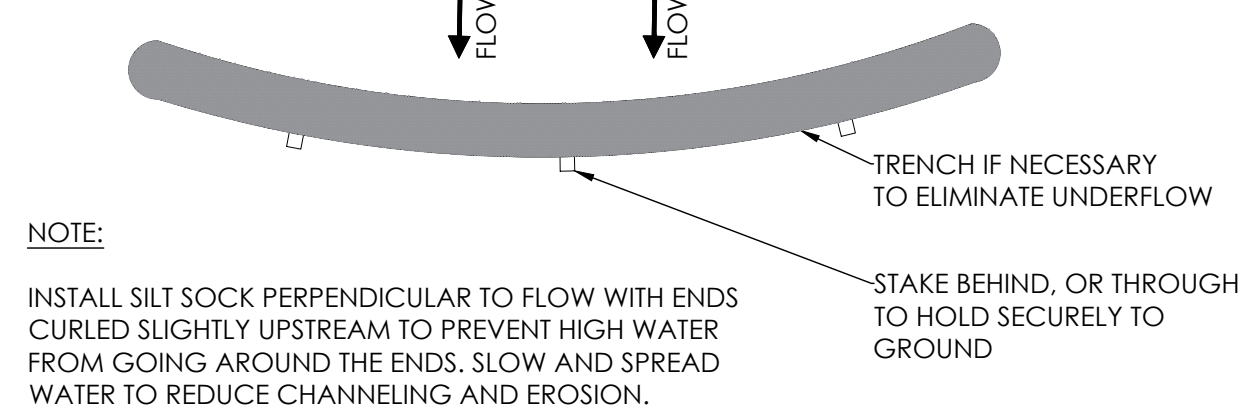
EROSION CONTROL NOTES PROVIDED BY WDNR BUREAU OF WATERSHED MANAGEMENT PROGRAM GUIDANCE #3800-2015-03

SEQUENCE OF CONSTRUCTION ACTIVITIES

1. INSTALL SILT FENCING ALONG PERIMETER OF CONSTRUCTION LIMITS AS IDENTIFIED ON THE 'EROSION CONTROL PLAN'. INSTALL STONE TRACKING PAD AS IDENTIFIED.
2. CLEAR AND GRUB WHERE REQUIRED.
3. MOBILIZE GRADING EQUIPMENT.
4. STRIP TOPSOIL FROM REMAINDER OF THE SITE AS NEEDED TO PERFORM GRADING ACTIVITIES AS SHOWN IN THE SITE GRADING PLANS (A203 SHEET).
5. ALL PIPING TO BE INSTALLED STARTING WITH THE DOWNSTREAM END.
6. INSTALL REMAINING STRUCTURES AND PIPING ON SITE. PERFORM PROPOSED GRADING THROUGHOUT SITE AND CONSTRUCT ALL PROPOSED CONCRETE SURFACES AND PROPOSED ASPHALT SURFACES UP TO THE BINDER COURSE.
7. RESPREAD TOPSOIL AND SEED THE BASIN. STABILIZE THE RESPREAD TOPSOIL WITH EROSION MAT TO ALL SLOPES 4:1 AND STEEPER OR AS IDENTIFIED ON THE SITE GRADING AND EROSION CONTROL PLAN.
8. INSTALL ASPHALT PAVEMENT SURFACE COURSE AFTER GRADING ACTIVITIES HAVE BEEN FINALIZED.
9. STRIPE PARKING LOT IN ACCORDANCE WITH THE A/202 - SITE PLAN.
10. AFTER A SUFFICIENT STAND OF GRASS HAS BEEN ESTABLISHED, CONTRACTOR IS TO CONTACT ENGINEER FOR PUNCH LISTING OF SITE TO BE PERFORMED.
11. AN AS-BUILT SURVEY IS TO BE PERFORMED AND PROVIDED TO THE CITY OF SHEBOYGAN AFTER COMPLETION OF PROJECT.



EROSION MATTING DETAIL (FOR SIDE SLOPES ONLY - NOT FOR CHANNELIZED FLOW)



SILT SOCK DITCH CHECK

EROSION CONTROL LEGEND

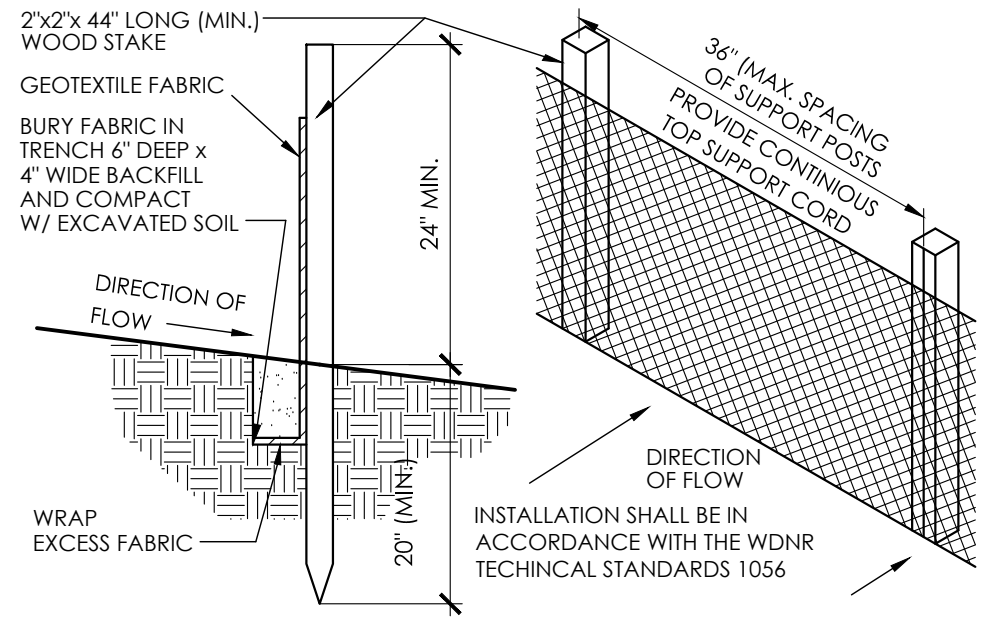
EXTENTS OF EROSION MAT AS SPECIFIED. INSTALL ON DISTURBED AREAS WITH SLOPE GREATER THAN 4H:1V. SEE DETAIL.

PROPOSED SILT FENCING TO BE PLACED AROUND THE PERIMETER OF THE PROPOSED GRADING LIMITS. SEE DETAIL.

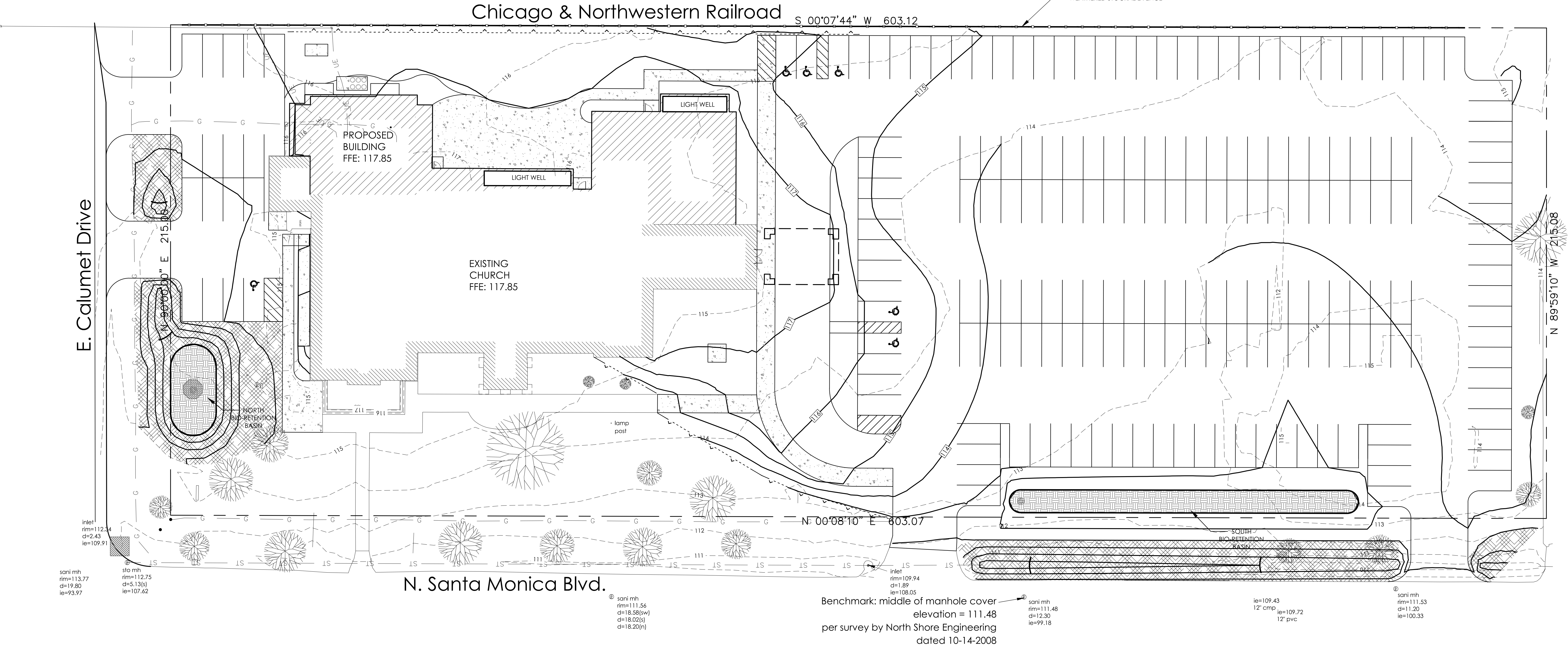
INLET PROTECTION TO BE INSTALLED IN EXISTING STORM SEWER INLETS PRIOR TO ANY CONSTRUCTION ACTIVITIES BEING PERFORMED. SEE DETAIL.

INLET PROTECTION TO BE INSTALLED AFTER INSTALLATION OF PROPOSED STORM SEWER INLETS. SEE DETAIL.

SILT SOCK DITCH CHECK



SILT FENCE SECTION & DETAIL



ABACUS ARCHITECTS

NOTE TO BIDDERS

BEFORE BIDDING, REVIEW ALL DRAWINGS AND SPECIFICATION SECTIONS TO DETERMINE THE IMPACT OF OTHER SECTIONS OF WORK ON THEIR OWN WORK.

5/20/2020

ADDITION AND RENOVATION

FOX POINT LUTHERAN CHURCH

7510 N SANTA MONICA BLVD, FOX POINT, WI 53217

1135A MICHIGAN AVE., SHEBOYGAN, WI 53081 PH. 920-452-444 / 225 EAST ST. PAUL AVE. MILWAUKEE, WI 53202 (414) 837-6450

PRELIMINARY - NOT FOR CONSTRUCTION

DRAWN BY: MDW

CHECKED BY: JRV

A 205

PROJ. NO. 2016-93

PROPERTY INFORMATION
ZONING: F INSTITUTIONAL DISTRICT

EXISTING
TOTAL PERVIOUS: 0.93 ACRES
TOTAL IMPERVIOUS AREA: 2.05 ACRES
TOTAL AREA: 2.98 ACRES

PROPOSED
TOTAL PERVIOUS: 0.82 ACRES
TOTAL IMPERVIOUS AREA: 2.16 ACRES
TOTAL AREA: 2.98 ACRES

PARKING COUNTS		
PROPOSED:	195	(6 ADA STALLS)
EXISTING:	174	(6 ADA STALLS)
NET	22	

VILLAGE ORDINANCE PARKING REQUIREMENTS:

EXISTING
117 S.F. OF PARKING AREA REQUIRED PER SEAT
325 EXISTING SEATS
= 38,025 S.F. OF PARKING AREA REQUIRED

EXISTING 65,978 S.F OF PARKING AREA

PROPOSED
117 S.F. OF PARKING AREA REQUIRED PER SEAT
436 PROPOSED SEATS
= 51,012 S.F. OF PARKING AREA REQUIRED

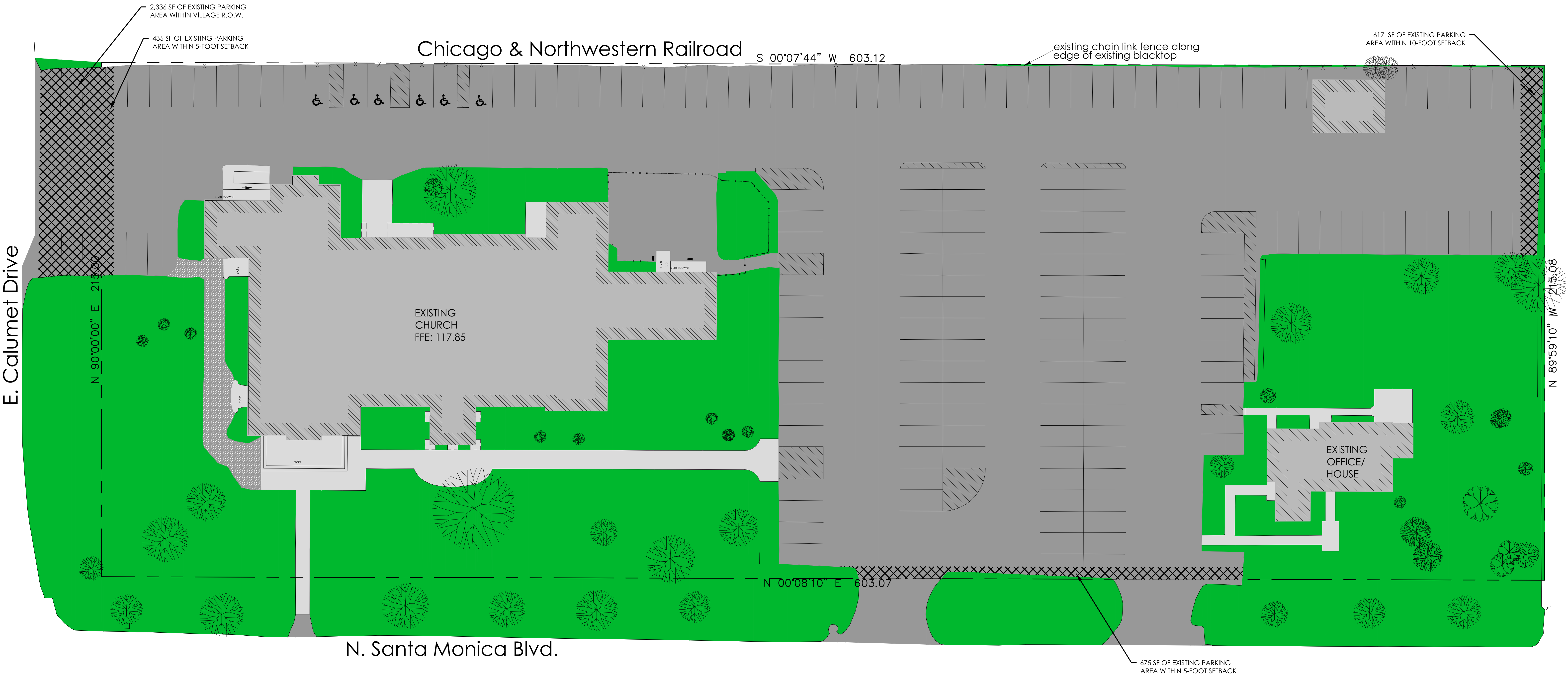
PLAN SHOWS 62,616 S.F OF PARKING AREA

HATCH LEGEND	
	EXISTING BUILDING HATCH
	EXISTING ASPHALT HATCH
	EXISTING CONCRETE HATCH
	EXISTING GREENSPACE HATCH



ABACUS
ARCHITECTS

NOTE TO BIDDERS
BIDDERS SHALL REVIEW ALL DRAWINGS AND ALL SPECIFICATION SECTIONS TO DETERMINE THE IMPACT OF OTHER SECTIONS OF WORK ON THEIR OWN WORK.



5/20/2020
ADDITION AND RENOVATION
FOX POINT LUTHERAN CHURCH
7510 N SANTA MONICA BLVD, FOX POINT, WI 53217
1135A MICHIGAN AVE. - SHEBOYGAN, WI 53081 PH. 920-452-444 / 225 EAST ST. PAULI AVE. MILWAUKEE, WI 53202 (414) 837-6450

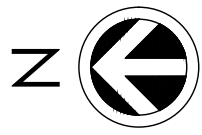
PRELIMINARY - NOT FOR CONSTRUCTION

DRAWN BY: MDW
CHECKED BY: JRV

A
206

PROJ. NO. 2016-93

EXISTING LAND USE
SCALE: 1"=20'



PROPERTY INFORMATION
ZONING: F INSTITUTIONAL DISTRICT

EXISTING
TOTAL PERVIOUS: 0.93 ACRES
TOTAL IMPERVIOUS AREA: 2.05 ACRES
TOTAL AREA: 2.98 ACRES

PROPOSED
TOTAL PERVIOUS: 0.82 ACRES
TOTAL IMPERVIOUS AREA: 2.16 ACRES
TOTAL AREA: 2.98 ACRES

PARKING COUNTS
PROPOSED: 196 (6 ADA STALLS)
EXISTING: 174 (6 ADA STALLS)
NET 22

VILLAGE ORDINANCE PARKING REQUIREMENTS:

EXISTING
117 S.F. OF PARKING AREA REQUIRED PER SEAT
325 EXISTING SEATS
= 38,025 S.F. OF PARKING AREA REQUIRED

EXISTING 65,978 S.F OF PARKING AREA

PROPOSED
117 S.F. OF PARKING AREA REQUIRED PER SEAT
436 PROPOSED SEATS
= 51,012 S.F. OF PARKING AREA REQUIRED

PLAN SHOWS 62,616 S.F OF PARKING AREA

HATCH LEGEND

EXTENTS OF PROPOSED BUILDING.
REFER TO ARCHITECTURAL DRAWINGS.

EXISTING BUILDING HATCH

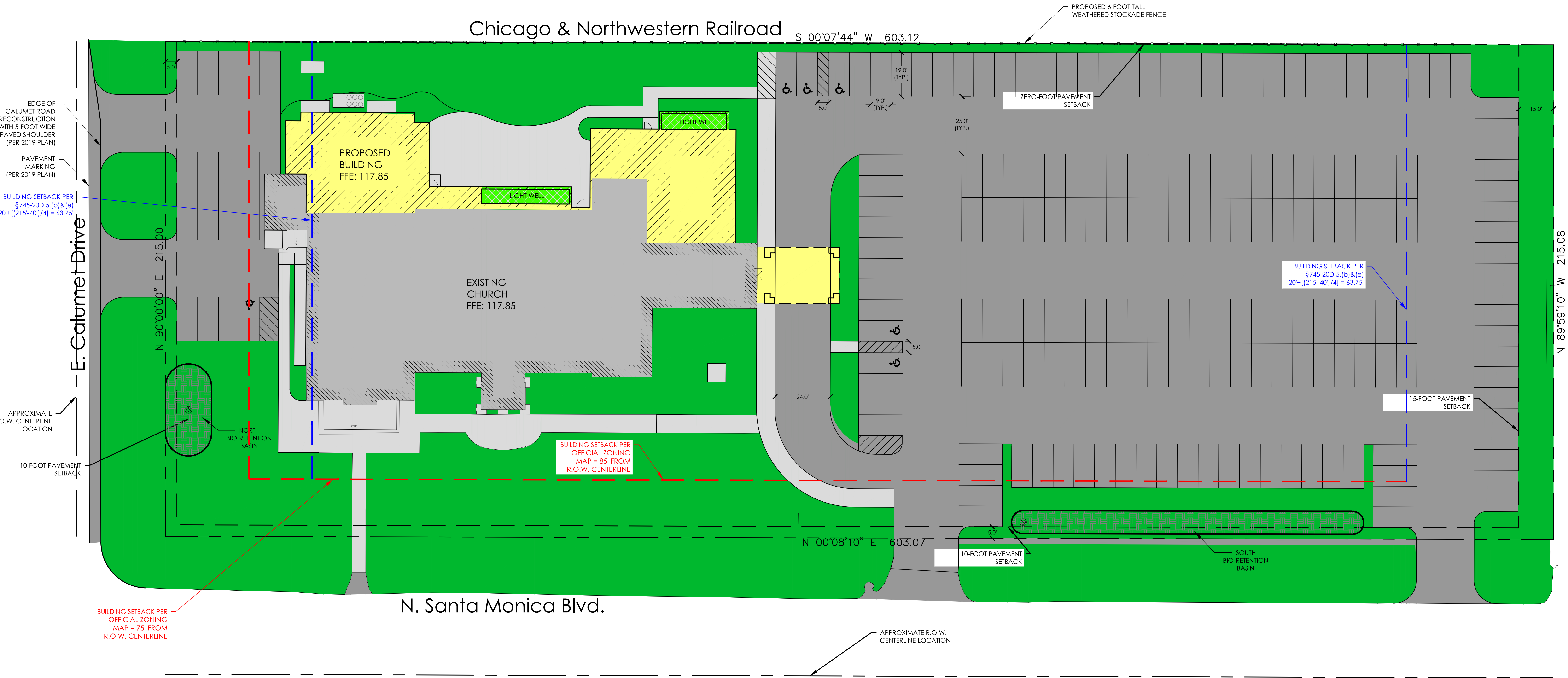
ASPHALT HATCH

CONCRETE HATCH

GREENSPACE HATCH



NOTE TO BIDDERS
BIDDERS SHALL REVIEW ALL DRAWINGS AND ALL SPECIFICATION SECTIONS TO DETERMINE THE IMPACT OF OTHER SECTIONS OF WORK ON THEIR OWN WORK.



5/20/2020
ADDITION AND RENOVATION
FOX POINT LUTHERAN CHURCH
7510 N SANTA MONICA BLVD, FOX POINT, WI 53217
1135A MICHIGAN AVE., SHEBOYGAN, WI 53081 PH. 920-452-444 / 225 EAST ST. PAULI AVE. MILWAUKEE, WI 53202 414 837-6450

PRELIMINARY - NOT FOR CONSTRUCTION

DRAWN BY: MDW
CHECKED BY: JRV

A
207

PROJ. NO. 2016-93

PROPOSED LAND USE z

SCALE: 1"=20'

VILLAGE
SUBMITAL
05-20-2020



REVISIONS

NO.	DESCRIPTION	DATE

FIRM NAME AND ADDRESS:

LYONS ELECTRIC
75 ENTERPRISE ROAD
DELAFIELD, WI 53018

CONTACT INFORMATION:

TIM CARGILL
MAIN: (262)-646-6828
FAX: (262)-646-6829

PROJECT NAME:

PROPOSED BUILDING ADDITION FOR:
**FOX POINT LUTHERAN CHURCH
ADDITION AND RENOVATION**
7510 NORTH SANTA MONICA BOULEVARD
FOX POINT, WI 53217

SHEET TITLE:

ELECTRICAL SITE PLAN

DRAWN BY: DMG
DATE DRAWN: 07-15-19

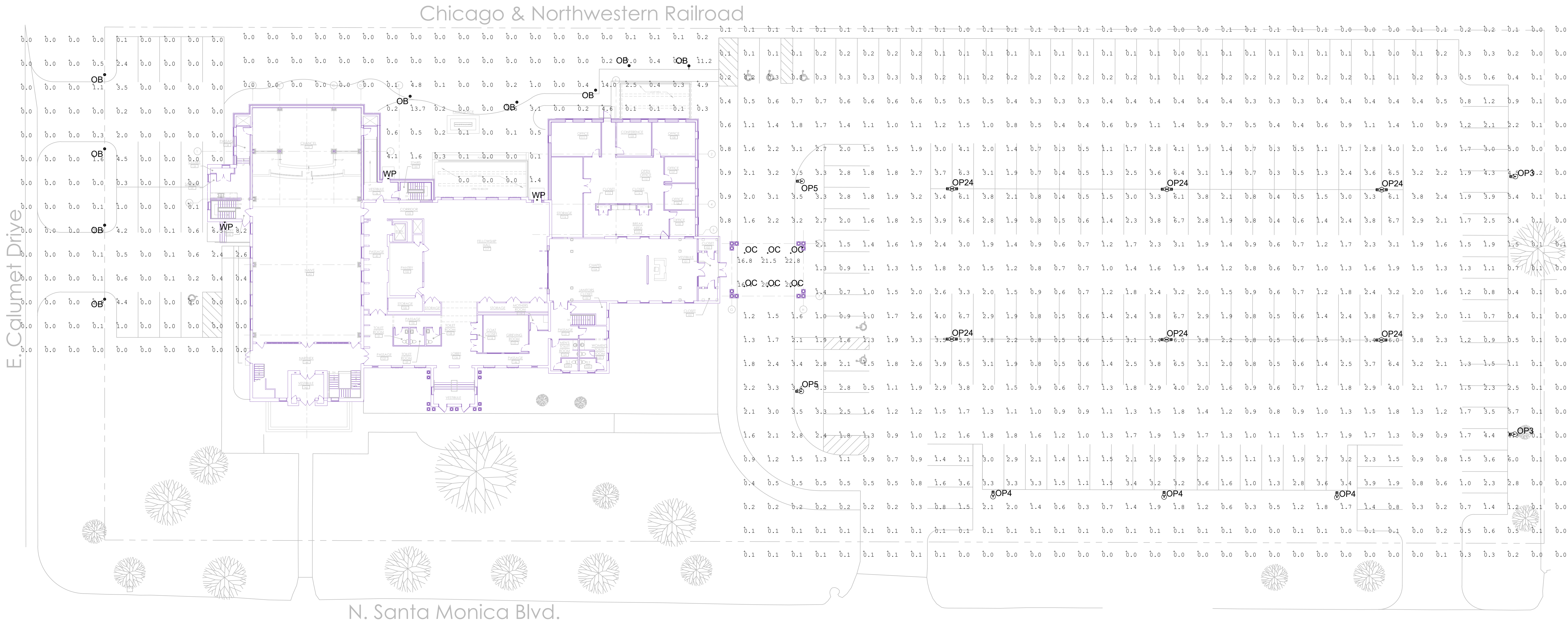
JOB NUMBER: 2381
APPROVED BY: KRK

SHEET OF

1 -

SHEET #

ES100



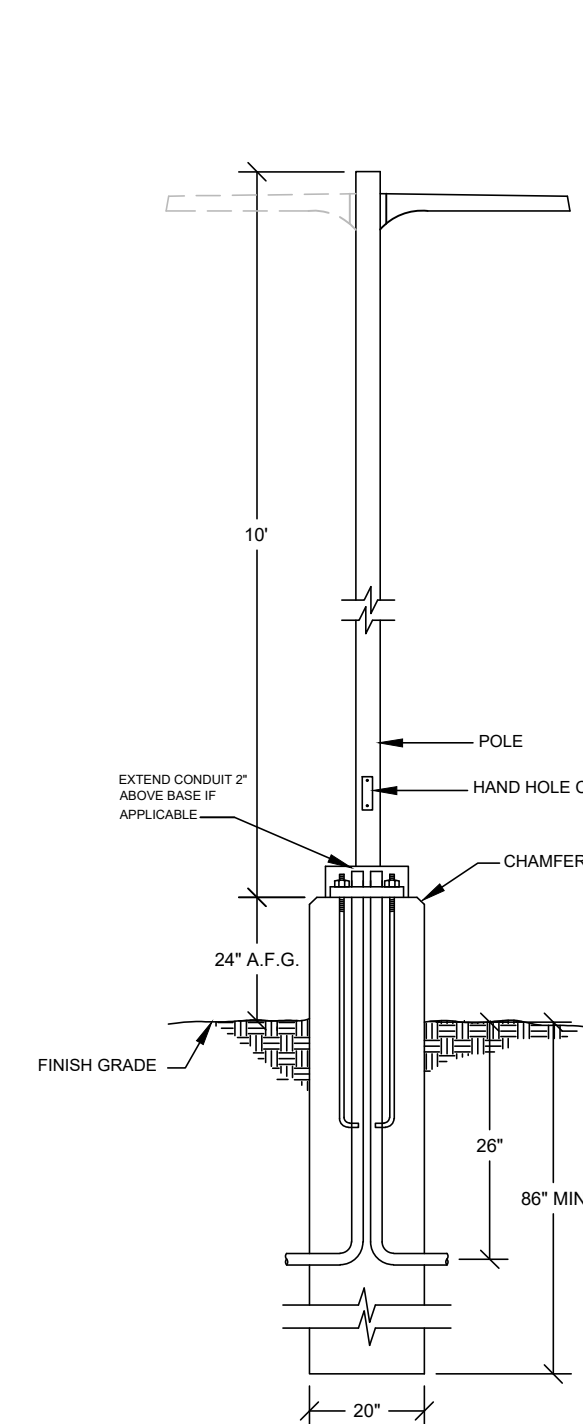
ELECTRICAL SITE PLAN

1" = 20'-0"

LUMINARE SCHEDULE							
QTY	TYPE	DESCRIPTION	#	LAMP DATA	PART NUMBERS	MOUNTING	VOLTAGE
9	OB	LIGHT BOLLARD	LED	22 WATT LED-4000K-70CRI-1,369 LUMENS	CRREE PWV-EDG-3M-P3-42-E-4L-8Z-350-4K	BOLLARD	120
6	OC	6" RECESSED CAN	LED	19.9 WATT LED-4000K-80CRI-2,351 LUMENS	HALO PDG2D010B/PDMM8B406/VC/RMB22	RECESSED	120
6	OP24	DUAL HEAD 10'-0" POLE	LED	57 WATT LED-4000K-70CRI-6,173 LUMENS	LUMARK PRVA15DUN/V74SABZHS/SS5A410SFMI1XG	POLE	208
2	OP3	SINGLE HEAD 10'-0" POLE	LED	57 WATT LED-4000K-70CRI-6,192 LUMENS	LUMARK PRVA15DUN/V74SABZHS/SS5A410SFMI1XG	POLE	208
3	OP4	SINGLE HEAD 10'-0" POLE	LED	57 WATT LED-4000K-70CRI-6,192 LUMENS	LUMARK PRVA15DUN/V74SABZHS/SS5A410SFMI1XG	POLE	208
2	OP5	SINGLE HEAD 10'-0" POLE	LED	87 WATT LED-4000K-70CRI-10,261 LUMENS	LUMARK PRVA25DUN/V74SABZHS/SS5A410SFMI1XG	POLE	208
3	WP	WALL PACK	LED	21 WATT LED-4000K-70CRI-2,561 LUMENS	LUMARK AXCS2A	SURFACE	120
-	-	-	-	-	-	-	-

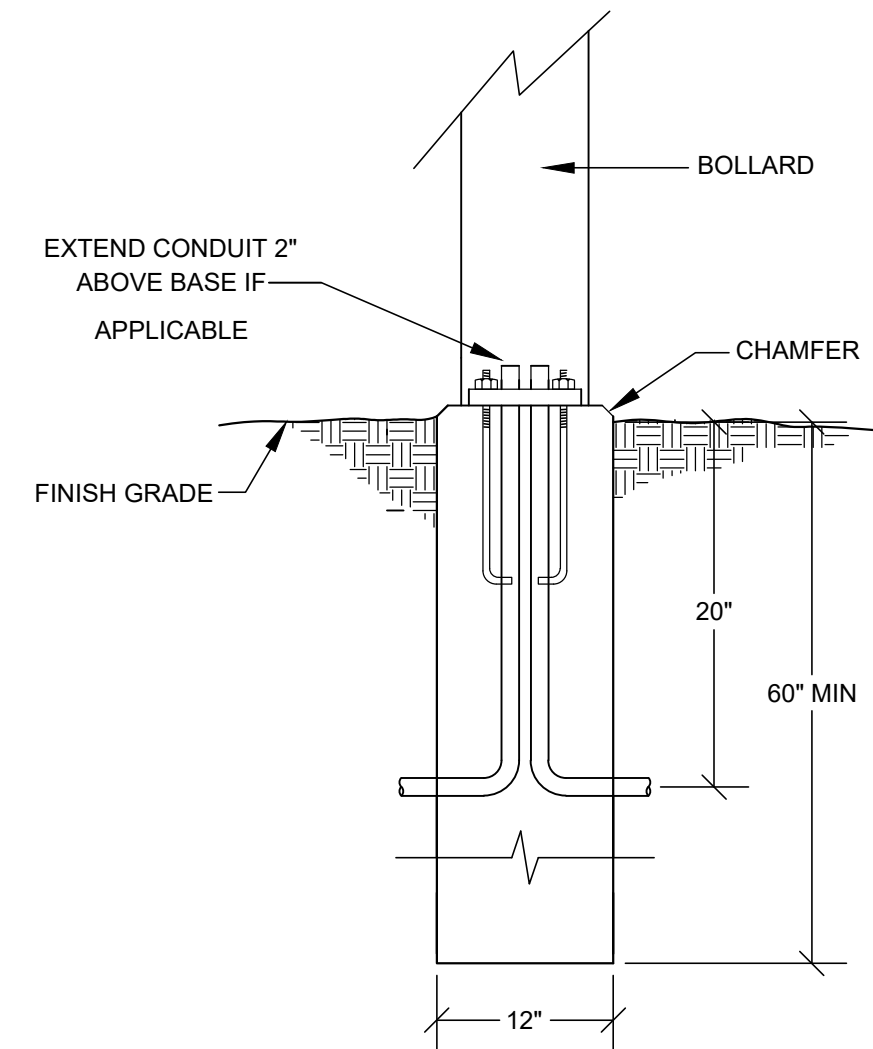
NOTES:
1. CLEAR VERTICAL REFLECTOR.
2. POLISHED FLANGE.
3. FACTORY FURNISHED WITH RMB 22" MOUNTING LEGS.
4. TYPE III DISTRIBUTION.
5. BRONZE FINISH.
6. 10'0" TALL POLE.
7. MOUNTED TO 20" DIAMETER CONCRETE BASE RAISED 24" ABOVE FINISH GRADE.
8. TYPE III DISTRIBUTION.
9. TYPE V DISTRIBUTION.
10. WALL MOUNTED FURNITURE STYLE.
11. CARBON BRONZE FINISH.
12. FACTORY INSTALLED HOUSING SIDE SHIELD.
13. 30" TALL.
14. MOUNTED TO 12" DIAMETER CONCRETE BASE FLUSH WITH GRADE.

CALCULATION SUMMARY							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
NORTH PARKING LOT	Illuminance	Fc	0.51	8.20	0.00	0.00	0.00
BACK YARD PATIO	Illuminance	Fc	0.92	14.00	0.10	0.00	0.00
SOUTH PARKING LOT	Illuminance	Fc	1.49	6.70	0.10	14.90	67.00
PORTE COCHERE	Illuminance	Fc	19.83	22.80	16.40	1.21	1.39



TYPICAL POLE BASE DETAIL

NTS



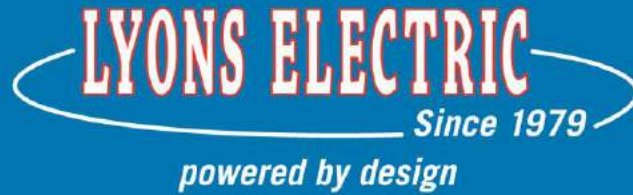
BOLLARD BASE DETAIL

NTS

GENERAL NOTES:

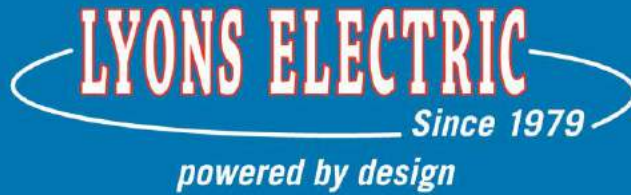
- SWITCH ARC IS DRAWN FOR REFERENCE ONLY AND DOES NOT REPRESENT ACTUAL BRANCH WIRING.
- ALL NIGHT LIGHTS, EXIT LIGHTS, EBUS AND OCCUPANCY SENSORS SHALL BE WIRED AHEAD OF ANY LIGHTING CONTROL SYSTEM THE PROJECT MAY CONTAIN.
- REFER TO SHEET E000 FOR MOUNTING STYLES, HEIGHTS AND FIXTURE PART NUMBERS.
- RECORD ANY AND ALL CHANGES TO THIS SHEET IN RED PEN FOR AS BUILT PURPOSES. SUBMIT AS BUILTS TO SUPERINTENDENT AT THE END OF THE PROJECT. MAKE REVISIONS AS JOB PROGRESSES NOT ALL AT ONCE IN THE END PLEASE WRITE LEGIBLY.
- TEST LIGHTS, EXITS, EBUS AND ALL SWITCHES PRIOR TO THE END OF THE PROJECT AND REPORT ANY FAILED COMPONENTS.
- PROGRAM AND TEST ALL OCCUPANCY SENSORS AND TIME CLOCKS AND LIGHTING CONTACTORS PRIOR TO THE END OF THE PROJECT AND REPORT ANY FAILED COMPONENTS.
- INSTALL TYPED PANEL SCHEDULES UPON COMPLETION OF THE PROJECT.
- INSTALL ALL WALL PLATES LEVEL WITH THE SLOTS OF THE SCREW HEAD IN A VERTICAL POSITION.
- INSTALL ARC FLASH STICKERS AND PANEL IDENTIFICATION PER NEC.
- ALL NEW DEVICES MUST MATCH COLOR OF EXISTING DEVICES.

ALL DRAWINGS ARE SCHEMATIC ONLY. THE INSTALLING ELECTRICAL CONTRACTOR SHALL BE THE ENGINEER OF RECORD. THE INSTALLING ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CALCULATIONS, SIZING, ENGINEERING AND MEETING OF NEC.



Fox Point Church
7510 North Santa Monica Boulevard
Fox Point, WI 53217

Exterior Lighting Submittal to Village of Fox Point



ELECTRICAL LIGHTING SUBMITTAL

To: Village of Fox Point

Project: Fox Point Church
7510 North Santa Monica Boulevard
Fox Point, WI 53217

Submittal Number: (1)

Division: 26
Specification Section: 26 50 00
Description: Exterior Lighting Submittal

LYONS ELECTRIC APPROVAL STAMP

☒ **APPROVED**
☐ APPROVED AS NOTED
☐ REVISE & RESUBMIT

*Please review and send this submittal back as product will not be ordered
until submittal is APPROVED*

Date: July 15th, 2019

By: *Kevin Konkel*
Kevin Konkel
Design/Estimating Department Manager
Certified Master Electrician
Lyons Electric

75 Enterprise Rd.
262-646-6828

Delafield, WI 53018
262-646-6829

www.lyons-electric.com

Cree Edge™ Series

LED Pathway Luminaire

Type OB

PWY-EDG-3M-P3-02-E-UL-BZ-350-4K

Fox Point Lutheran Church

Product Description

Durable die-cast aluminum luminaire housing mounts directly to 4" (102mm) diameter pole (included) without visible mounting hardware for clean appearance. Pole mounts to rugged die cast aluminum internal flange secured by three 3/8" - 16x6" anchor bolts with 1-1/4" hook (provided). **Note:** T45 Torx 3/8" socket required for head installation. Top mounted LEDs for superior optical performance and light control.

Applications: Landscape, walk-ways and general site lighting

Performance Summary

Patented NanoOptic® Product Technology

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

CRI: Minimum 70 CRI

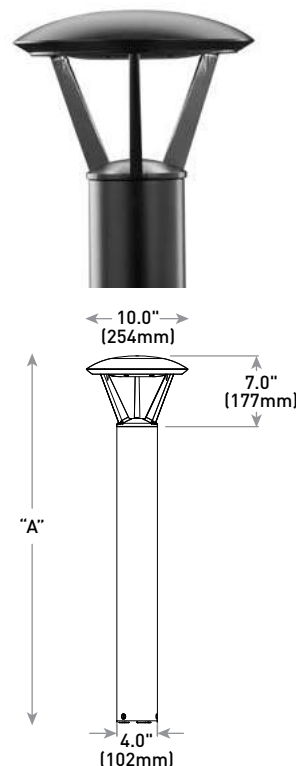
CCT: 4000K (+/- 300K), 5700K (+/- 500K) standard

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

* See <http://lighting.cree.com/warranty> for warranty terms

Accessories

Field-Installed
Upgrade Kit - Used for replacement of existing bollards with a bolt hole circle of 5.75" (146mm) XA-XBP8RSV XA-XBP8RWH XA-XBP8RBK XA-XBP8RBZ



Model	Dim. "A"	Weight*
Landscape (P0)	13" (330mm)	12.7 lbs. (5.8kg)
Landscape (P1)	18" (457mm)	13.3 lbs. (6.0kg)
Pathway (P3)	36" (914mm)	17.9 lbs. (8.1kg)
Pathway (P4)	42" (1067mm)	18.6 lbs. (8.4kg)
Pedestrian (P8)	96" (2438mm)	28.4 lbs. (12.9kg)

* Add 4.5 lbs. (2.0kg) for 347-480V

Ordering Information

Example: PWY-EDG-2M-P0-02-E-UL-SV-350

PWY-EDG			02	E				
Product	Optic	Mounting	LED Count (x9)	Series	Voltage	Color Options	Drive Current	Options
PWY-EDG	2M Type II Medium	P0 13" (330mm) landscape	02	E	UL Universal 120-277V	BK Black	350 350mA	F Fuse - When code dictates fusing, use time delay fuse - Available for U.S. applications only
	3M Type III Medium	P1 18" (457mm) landscape			UH* Universal 347-480V - Available with P3, P4, and P8 mounts only	BZ Bronze	525 525mA - Available with P1, P3, P4, and P8 mounts only	TL Two-Level (175/525 w/integrated sensor control) - Available with 12 or 27 voltages only - Refer to TL spec sheet for details
	5M Type V Medium	P3 36" (914mm) pathway			12 120V - Available only with TL option	SV Silver		WB Welded Base Plate - Standard on P8 mount option, available with P3 and P4 mount - Includes welded base cover
	5S Type V Short	P4 42" (1067mm) pathway			27 277V - Available only with TL option	WH White		40K 4000K Color Temperature - Minimum 70 CRI - Color temperature per luminaire
		P8 96" (2438mm) pedestrian						

* 347-480V utilizes magnetic step-down transformer. For input power for 347-480V, refer to the Electrical Data table



US: lighting.cree.com

T (800) 236-6800 F (262) 504-5415

Rev. Date: V6 12/10/2018

Canada: www.cree.com/canada



T (800) 473-1234 F (800) 890-7507

Product Specifications

CONSTRUCTION & MATERIALS

- Durable die-cast aluminum luminaire housing mounts directly to 4" (102mm) diameter pole (included) without visible mounting hardware for clean appearance
- Pole mounts to rugged die cast aluminum internal flange secured by three 3/8"-16x6" anchor bolts with 1-1/4" hook (provided).
Note: T45 Torx 3/8" socket required for head installation
- Top mounted LEDs for superior optical performance and light control
- Open design, passive thermal management for superior lumen maintenance
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultradurable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available
- Weight:** See Dimension and Weight Chart on pages 1 and 4

ELECTRICAL SYSTEM

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

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- RoHS compliant. Consult factory for additional details
-  **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

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

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

Cree Edge™ Series Ambient Adjusted Lumen Maintenance ¹					
Ambient	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Calculated ³ LMF	100K hr Calculated ³ LMF
5°C (41°F)	1.04	1.01	0.99	0.98	0.96
10°C (50°F)	1.03	1.00	0.98	0.97	0.95
15°C (59°F)	1.02	0.99	0.97	0.96	0.94
20°C (68°F)	1.01	0.98	0.96	0.95	0.93
25°C (77°F)	1.00	0.97	0.95	0.94	0.92

¹ Lumen maintenance values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors. Please refer to the [Temperature Zone Reference Document](#) for outdoor average nighttime ambient conditions.

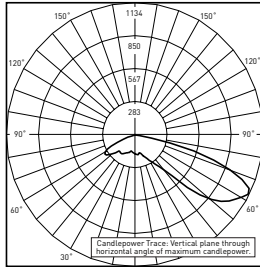
² In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (IDUT) i.e. the packaged LED chip

³ In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (IDUT) i.e. the packaged LED chip

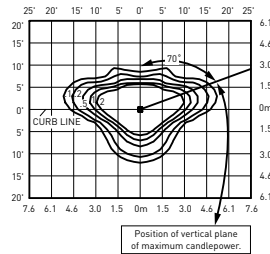
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: <http://lighting.cree.com/products/outdoor/bollards-and-pathway/cree-edge-pathway>

2M



RESTL Test Report #: PL5758-001
PWY-EDG-2M-**-02-E-UL-350-40K
Initial Delivered Lumens: 1,549



PWY-EDG-2M-**-02-E-UL-350-40K
Mounting Height: 3' (0.9m) A.F.G.
Initial Delivered Lumens: 1,565
Initial FC at grade

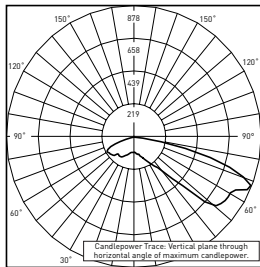
Type II Medium Distribution

LED Count (x9)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,565	B1 U0 G1	1,625	B1 U0 G1
525mA				
02	2,191	B1 U0 G1	2,276	B1 U0 G1

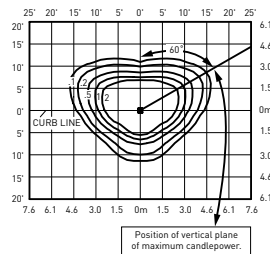
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

3M



RESTL Test Report #: PL5698-001
PWY-EDG-3M-**-02-E-UL-350-40K
Initial Delivered Lumens: 1,470



PWY-EDG-3M-**-02-E-UL-350-40K
Mounting Height: 3' (0.9m) A.F.G.
Initial Delivered Lumens: 1,389
Initial FC at grade

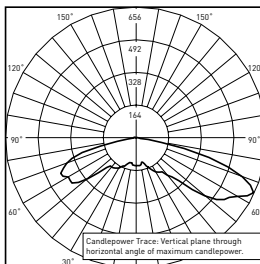
Type III Medium Distribution

LED Count (x9)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,389	B1 U0 G1	1,442	B1 U0 G1
525mA				
02	1,944	B1 U0 G1	2,019	B1 U0 G1

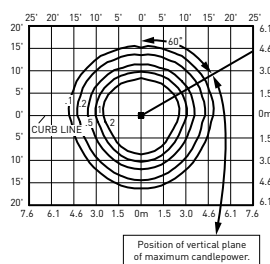
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

5M



RESTL Test Report #: PL5798-001
PWY-EDG-5M-**-02-E-UL-350-40K
Initial Delivered Lumens: 1,780



PWY-EDG-5M-**-02-E-UL-350-40K
Mounting Height: 3' (0.9m) A.F.G.
Initial Delivered Lumens: 1,666
Initial FC at grade

Type V Medium Distribution

LED Count (x9)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,666	B1 U2 G1	1,730	B1 U2 G1
525mA				
02	2,333	B2 U2 G2	2,422	B2 U2 G2

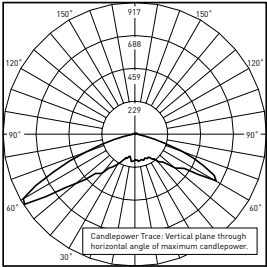
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

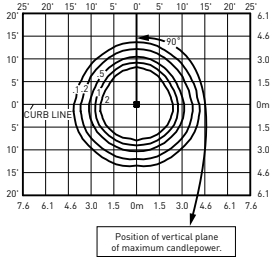
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: <http://lighting.cree.com/products/outdoor/bollards-and-pathway/cree-edge-pathway>

55



RESTL Test Report #: PL5759-001
PWY-EDG-5S-**-02-E-UL-350-40K
Initial Delivered Lumens: 1,897

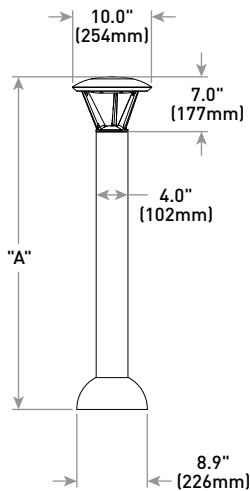


PWY-EDG-5S-**-02-E-UL-350-40K
Mounting Height: 3' (0.9m) A.F.G.
Initial Delivered Lumens: 1,868
Initial FC at grade

Type V Short Distribution				
LED Count (x9)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,868	B1 U2 G1	1,940	B1 U2 G1
525mA				
02	2,615	B1 U2 G1	2,716	B1 U2 G1

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

with Welded Base



Model	Dim. "A"	Weight*
Pathway (P3)	36" (914mm)	17.9 lbs. (8.1kg)
Pathway (P4)	42" (1068mm)	18.6 lbs. (8.4kg)
Pedestrian (P8)	96" (2438mm)	28.4 lbs (12.9kg)

* Add 4.5 lbs. (2.0kg) for 347-480V

DESCRIPTION

Recessed 6-inch LED lens downlight is available in various distributions, lumen and CRI/CCT options. Suitable for commercial construction and can be used for both new or renovation work. Use for general area lighting where high efficiency and visual comfort are required.

Catalog #	PD620D010B/PDM6B840/61VC/RMB22	Type
Project	Fox Point Lutheran Church	OC
Comments		Date
Prepared by		

SPECIFICATION FEATURES

MECHANICAL

Frame

Boat shaped galvanized steel frame with adjustable plaster lip accommodates ceilings up to 1/2 - 2" thick. May be used for new construction or remodeling installations. Provided with (2) remodel clips to secure frame when installed from below the ceiling.

Mounting Brackets

Bar hanger receivers adjust 2" vertically from above the ceiling or thru the aperture. Use with No Fuss™ bar hangers or with 1/2" EMT. Removable to facilitate installation from below the ceiling.

No Fuss™ Bar Hangers

Captive preinstalled bar hanger locks to tee grid with a screwdriver or pliers. Centering mechanism allows consistent positioning of fixtures.

OPTICAL

LED Module

Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation. Available in 80 or 90 CRI minimum, accuracy within 3 SDCM provides color uniformity. See ordering information for available CRI / CCT options. Passive thermal management achieves L70 at 50,000 hours in non IC applications. Integral diffuse lens provides visual shielding. Integral connector allows quick connection to housing flex.

Reflector

One piece parabolic aluminum reflector provides cutoff for a visually comfortable optic. Attaches to LED module with (3) speed clamps minimizing light leaks to lens. Self-flanged standard with an optional white painted flange.

Trim Retention

Reflectors are retained with two torsion springs holding the flange tightly to the finished ceiling surface.

ELECTRICAL

Junction Box

(6) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Listed for (12) #12 AWG (six in, six out) 90°C conductors and feed thru branch wiring.

Driver

Integral UNV 120 - 277V 50/60 Hz constant current driver provides noise free operation. For 347V input use Halo transformer H347 or H347200. Continuous, flicker-free dimming from 100% to 1% with 0 -10V analog control. Optional low voltage DC driver for use with Eaton's distributed low voltage power system.

Emergency Option

Provides 90 minutes of standby lighting meeting most life safety codes for egress lighting. Available with both integral or remote charge indicator and test switch.

Compliance

- cULus listed for wet location.
- IP66 Ingress Protection Rated.
- Non-IC rated for 2000 and 3000 Lumen fixtures. Insulation must be kept 3" from top and sides.
- IC rated for 1000 and 1500 Lumen fixtures.
- Airtight per ASTM-E283.
- Optional City of Chicago environmental air (CCEA) marking for plenum applications.
- EMI/RFI emissions per FCC 47CFR Part 18 non-consumer limits.
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08.
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- 80 CRI:
- Can be used to comply with California Title 24 Non-Residential Lighting Controls requirements as a LED Luminaire.
- ENERGY STAR® listed for commercial applications, reference database for current listings.

WARRANTY

Limited 5-year warranty, see website for details.
www.eaton.com/lighting/legal



PD610

PD615

PD620

PD630

PDM6B

61V

**1000, 1500,
2000 & 3000
Lumen Series**

**LED
6-Inch Aperture
Lens Downlight**

THD: ≤ 20%
PF: ≥ 0.90
T Ambient -30 - +40°C
Sound Rating ≤ 20 dba

Lumens	1000 Series	
Input Voltage	120V	277V
Input Current	0.083A	0.041 A
Input Power	9.9 W	10.8 W
Efficacy	120 LPW	120 LPW
Inrush Current	0.53 A	1.3 A

Lumens	1500 Series	
Input Voltage	120V	277V
Input Current	0.114 A	0.053 A
Input Power	13.7 W	14.3 W
Efficacy	120 LPW	120 LPW
Inrush Current	0.63 A	1.7 A

Lumens	2000 Series	
Input Voltage	120V	277V
Input Current	0.166 A	0.079 A
Input Power	19.9 W	20.5 W
Efficacy	115 LPW	115 LPW
Inrush Current	0.59 A	2.7 A

Lumens	3000 Series	
Input Voltage	120V	277V
Input Current	0.232 A	0.103 A
Input Power	27.7 W	27.5 W
Efficacy	110 LPW	110 LPW
Inrush Current	0.73 A	2.9 A

ORDERING INFORMATION

SAMPLE NUMBER: PD610D010BREM-PDM6B827-61VC

A complete luminaire consists of a housing, LED module and reflector, order separately.

Housing	Lumens	Driver	Options
PD6 = 6" aperture LED downlight PD6CP = 6" aperture LED downlight, CCEA listed for City of Chicago plenum requirements	10 = 1,000 lumens (nominal) 15 = 1,500 lumens (nominal) 20 = 2,000 lumens (nominal) 30 = 3,000 lumens (nominal)	D010B = 120-277V 50/60Hz, 0-10V dimming DLV = Low voltage dimming driver. For use with Eaton DLVP system only.	REM = 7W Emergency operation with remote indicator and test switch (D010B only) ¹ IEM = 7W Emergency operation with integral indicator and test switch (D010B only) ¹ REMV7 = 7W low voltage emergency module with remote test switch (DLV only) ^{1,2} REMV14 = 14W low voltage emergency module with remote test switch (DLV only) ^{1,2} IEMV7 = 7W low voltage emergency module with integral test switch (DLV only) ^{1,2} IEMV14 = 14W low voltage emergency module with integral test switch (DLV only) ^{1,2} LWTPD1 = Factory installed LumaWatt Pro Wireless Sensor Kit (D010B only) ¹ SWPD1 = Factory installed WaveLinX tilemount daylight sensor includes control module, sensor, cable and tile mount (D010B only) ¹

LED Module

PDM6B = Downlight LED module for PD6 housing, provides 1,000, 1,500, 2,000, or 3,000 lumens (nominal) depending on connected housing type

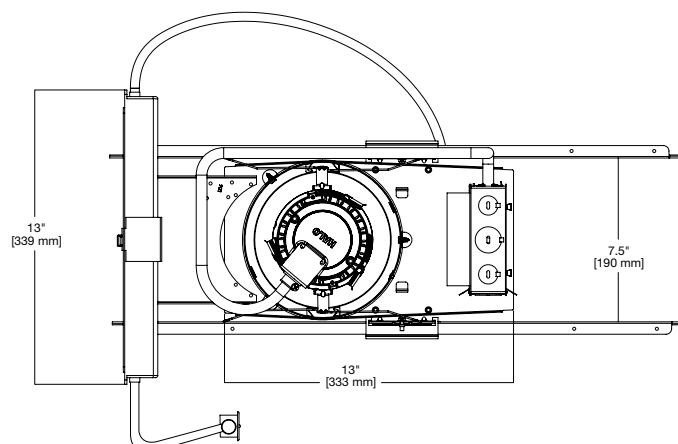
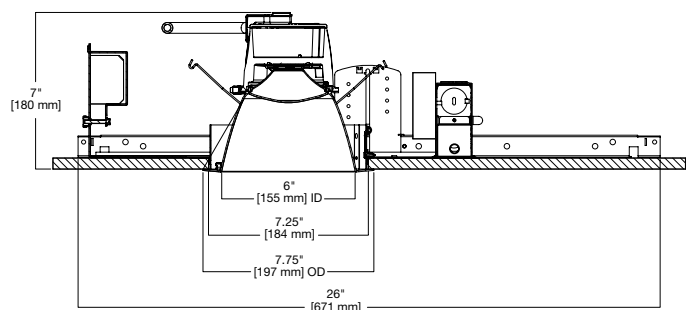
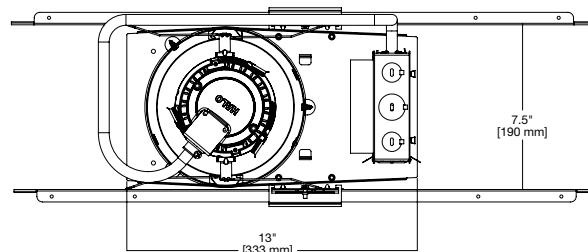
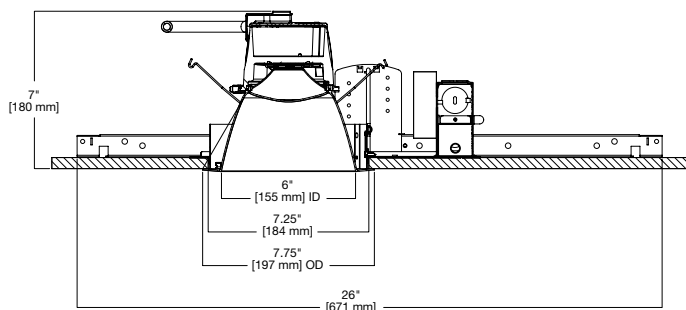
CRI/CCT

827 = 80 CRI, 2700K CCT
927 = 90 CRI, 2700K CCT
830 = 80 CRI, 3000K CCT
930 = 90 CRI, 3000K CCT
835 = 80 CRI, 3500K CCT
935 = 90 CRI, 3500K CCT
840 = 80 CRI, 4000K CCT
940 = 90 CRI, 4000K CCT

Reflector	Finish Option	Flange Option	Accessories
61V = 6" vertical parabolic reflector 61VEM = 6" vertical parabolic reflector for IEM	C = Specular clear G = Specular gold H = Semi-specular clear W = White (white flange) BB = Black baffle (white flange) WB = White baffle (white flange)	Blank = Polished flange standard with C, G & H reflector finishes Blank = White flange standard with W, BB, & WB WF = White flange option available with C, G, & H reflector finishes	HR128APK = L channel hanger bar, 26", "No-Fuss", pair (replacement) RMB22 = Adjustable wood joist mounting bars, pair extend 22" long H347 = Step down transformer for 347V input H347 = Step down transformer for 347V input, 75VA max H347200 = Step down transformer for 347V input, 200VA max PORLWTPD1 = LumaWatt Pro Wireless Sensor Kit (D010B only) ¹ TMSWPD1 = WaveLinX tilemount daylight sensor, includes control module, sensor, cable and tile mount (D010B only) ¹

Notes: 1. Not available with CP version.
 2. ULus for U.S. only.

DIMENSIONS



COMPLIANCE TABLE

1000 LUMEN

80 CRI								
Catalog #	PD610D010B-PDM6B827		PD610D010B-PDM6B830		PD610D010B-PDM6B835		PD610D010B-PDM6B840	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	1102	111	1169	118	1200	121	1223	124
61VCWF	1078	109	1143	115	1174	119	1196	121
61VG	1077	109	1142	115	1172	118	1195	121
61VGWF	1033	104	1095	111	1125	114	1146	116
61VH	1009	102	1069	108	1098	111	1119	113
61VHWF	1007	102	1067	108	1096	111	1117	113
61VW	1113	112	1181	119	1212	122	1235	125
61VBB	946	96	1003	101	1030	104	1050	106
61VWB	1066	108	1131	114	1161	117	1183	119

90 CRI								
Catalog #	PD610D010B-PDM6B927		PD610D010B-PDM6B930		PD610D010B-PDM6B935		PD610D010B-PDM6B940	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	941	95	995	100	1053	106	1069	108
61VCWF	920	93	973	98	1030	104	1045	106
61VG	919	93	972	98	1029	104	1044	105
61VGWF	881	89	932	94	987	100	1002	101
61VH	861	87	910	92	963	97	978	99
61VHWF	859	87	908	92	962	97	976	99
61VW	950	96	1005	101	1063	107	1080	109
61VBB	807	82	854	86	904	91	918	93
61VWB	910	92	962	97	1019	103	1034	104

1500 LUMEN

80 CRI								
Catalog #	PD615D010B-PDM6B827		PD615D010B-PDM6B830		PD615D010B-PDM6B835		PD615D010B-PDM6B840	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	1497	109	1587	116	1630	119	1660	121
61VCWF	1464	107	1552	113	1593	116	1624	119
61VG	1462	107	1550	113	1592	116	1622	118
61VGWF	1402	102	1487	109	1527	111	1556	114
61VH	1369	100	1452	106	1491	109	1519	111
61VHWF	1367	100	1449	106	1488	109	1516	111
61VW	1512	110	1603	117	1646	120	1677	122
61VBB	1285	94	1362	99	1399	102	1425	104
61VWB	1448	106	1535	112	1576	115	1606	117

90 CRI								
Catalog #	PD615D010B-PDM6B927		PD615D010B-PDM6B930		PD615D010B-PDM6B935		PD615D010B-PDM6B940	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	1277	93	1350	99	1429	104	1451	106
61VCWF	1249	91	1321	96	1398	102	1419	104
61VG	1247	91	1319	96	1396	102	1417	103
61VGWF	1197	87	1265	92	1339	98	1360	99
61VH	1168	85	1235	90	1308	95	1328	97
61VHWF	1166	85	1233	90	1305	95	1325	97
61VW	1290	94	1364	100	1444	105	1466	107
61VBB	1096	80	1159	85	1227	90	1246	91
61VWB	1235	90	1306	95	1383	101	1404	102

COMPLIANCE TABLE continued

2000 LUMEN

80 CRI								
Catalog #	PD620D010B-PDM6B827		PD620D010B-PDM6B830		PD620D010B-PDM6B835		PD620D010B-PDM6B840	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	2119	106	2247	113	2307	116	2351	118
61VCWF	2072	104	2197	110	2256	113	2299	116
61VG	2070	104	2194	110	2253	113	2296	115
61VGWF	1985	100	2105	106	2162	109	2202	111
61VH	1938	97	2055	103	2111	106	2150	108
61VHWF	1935	97	2052	103	2107	106	2147	108
61VW	2140	108	2269	114	2330	117	2374	119
61VBB	1819	91	1929	97	1980	100	2018	101
61VWB	2050	103	2173	109	2232	112	2274	114

90 CRI								
Catalog #	PD620D010B-PDM6B927		PD620D010B-PDM6B930		PD620D010B-PDM6B935		PD620D010B-PDM6B940	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	1808	91	1912	96	2024	102	2055	103
61VCWF	1768	89	1870	94	1979	99	2009	101
61VG	1766	89	1868	94	1977	99	2007	101
61VGWF	1694	85	1791	90	1896	95	1925	97
61VH	1654	83	1749	88	1852	93	1880	94
61VHWF	1651	83	1746	88	1848	93	1876	94
61VW	1826	92	1931	97	2044	103	2075	104
61VBB	1552	78	1641	82	1737	87	1764	89
61VWB	1749	88	1850	93	1958	98	1988	100

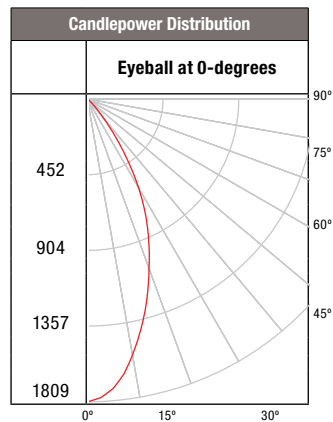
3000 LUMEN

80 CRI								
Catalog #	PD630D010B-PDM6B827		PD630D010B-PDM6B830		PD630D010B-PDM6B835		PD630D010B-PDM6B840	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	2763	100	2929	107	3008	109	3065	111
61VCWF	2701	98	2864	104	2941	107	2997	109
61VG	2698	98	2861	104	2938	107	2993	109
61VGWF	2588	94	2744	100	2818	102	2871	104
61VH	2527	92	2680	97	2752	100	2804	102
61VHWF	2523	92	2675	97	2747	100	2798	102
61VW	2790	101	2958	108	3038	110	3095	113
61VBB	2371	86	2514	91	2582	94	2631	96
61VWB	2672	97	2833	103	2910	106	2965	108

90 CRI								
Catalog #	PD630D010B-PDM6B927		PD630D010B-PDM6B930		PD630D010B-PDM6B935		PD630D010B-PDM6B940	
	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
61VC	2357	86	2493	91	2639	96	2679	97
61VCWF	2305	84	2438	89	2580	94	2619	95
61VG	2302	84	2435	89	2577	94	2616	95
61VGWF	2209	80	2336	85	2472	90	2510	91
61VH	2156	78	2280	83	2414	88	2450	89
61VHWF	2152	78	2276	83	2409	88	2446	89
61VW	2381	87	2518	92	2665	97	2705	98
61VBB	2023	74	2140	78	2265	82	2299	84
61VWB	2280	83	2411	88	2552	93	2591	94

PHOTOMETRY - 1000 lumen / 80 CRI

PD610D010B-PDM6B835-61VC Spacing Criteria = 0.72 Lumens per Watt = 121.2 Lm/W Test No. P215328 Test Model: PD610D010B-PDM6B835-61VC
--



Candela Distribution	
Degrees Vertical	Candela
0*	1809
5	1739
10	1553
20	1077
30	611
40	160
50	18
60	3
70	1
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	4528
55	507
65	169
75	148
85	0

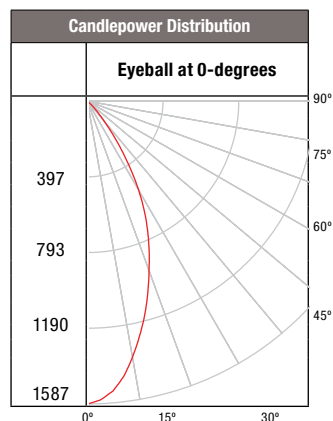
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	59.8	3.8	3.8
7'	36.9	5	5
8'	28.3	5.6	5.6
9'	22.3	6.4	6.4
10'	18.1	7.2	7.2
12'	12.6	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	914	76.1
0-40	1139	94.9
0-60	1198	99.8
0-90	1200	100

PHOTOMETRY - 1000 lumen / 90 CRI

PD610D010B-PDM6B935-61VC Spacing Criteria = 0.72 Lumens per Watt = 106.4 Lm/W Test No. P215332 Test Model: PD610D010B-PDM6B935-61VC
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Candela Distribution	
Degrees Vertical	Candela
0*	1587
5	1526
10	1363
20	945
30	536
40	140
50	16
60	2
70	1
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	3969
55	449
65	156
75	127
85	0

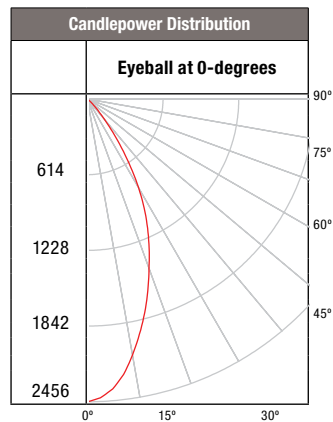
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	52.5	3.8	3.8
7'	32.4	5	5
8'	24.8	5.6	5.6
9'	19.6	6.4	6.4
10'	15.9	7.2	7.2
12'	11	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	802	76.1
0-40	999	94.9
0-60	1051	99.8
0-90	1053	100

PHOTOMETRY - 1500 lumen / 80 CRI

PD615D010B-PDM6B835-61VC Spacing Criteria = 0.72 Lumens per Watt = 118.9 Lm/W Test No. P215312 Test Model: PD615D010B-PDM6B835-61VC
--



Candela Distribution	
Degrees Vertical	Candela
0*	2456
5	2361
10	2109
20	1463
30	830
40	217
50	24
60	4
70	1
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	6148
55	688
65	233
75	191
85	0

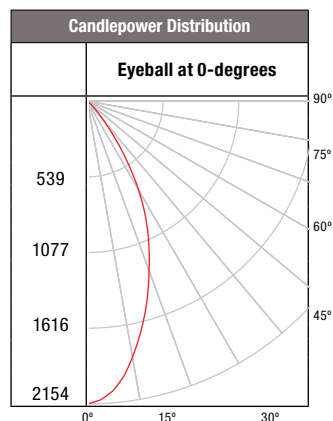
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	81.2	3.8	3.8
7'	50.1	5	5
8'	38.4	5.6	5.6
9'	30.3	6.4	6.4
10'	24.6	7.2	7.2
12'	17.1	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	1241	76.1
0-40	1546	94.9
0-60	1627	99.8
0-90	1629	100

PHOTOMETRY - 1500 lumen / 90 CRI

PD615D010B-PDM6B935-61VC Spacing Criteria = 0.72 Lumens per Watt = 104.3 Lm/W Test No. P215316 Test Model: PD615D010B-PDM6B935-61VC
--



Candela Distribution	
Degrees Vertical	Candela
0*	2154
5	2071
10	1850
20	1283
30	728
40	190
50	21
60	3
70	1
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	5396
55	602
65	208
75	169
85	0

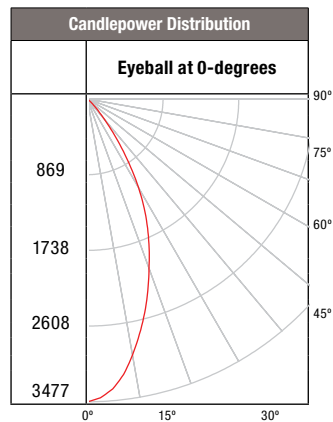
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	71.2	3.8	3.8
7'	44	5	5
8'	33.7	5.6	5.6
9'	26.6	6.4	6.4
10'	21.5	7.2	7.2
12'	15	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	1088	76.1
0-40	1356	94.9
0-60	1427	99.8
0-90	1429	100

PHOTOMETRY - 2000 lumen / 80 CRI

PD620D010B-PDM6B835-61VC
Spacing Criteria = 0.72
Lumens per Watt = 115.9 Lm/W
Test No. P215296
Test Model: PD620D010B-PDM6B835-61VC



Candela Distribution	
Degrees Vertical	Candela
0*	3477
5	3343
10	2986
20	2071
30	1175
40	308
50	34
60	5
70	1
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	8706
55	975
65	337
75	275
85	0

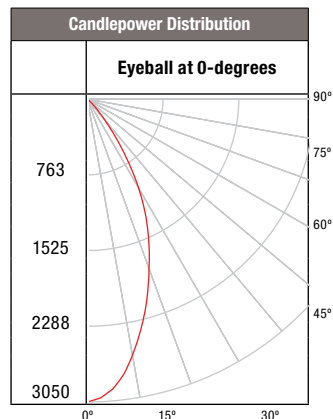
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	114.9	3.8	3.8
7'	71	5	5
8'	54.3	5.6	5.6
9'	42.9	6.4	6.4
10'	34.8	7.2	7.2
12'	24.1	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	1757	76.1
0-40	2189	94.9
0-60	2303	99.8
0-90	2307	100

PHOTOMETRY - 2000 lumen / 90 CRI

PD620D010B-PDM6B935-61VC
Spacing Criteria = 0.72
Lumens per Watt = 101.7 Lm/W
Test No. P215300
Test Model: PD620D010B-PDM6B935-61VC



Candela Distribution	
Degrees Vertical	Candela
0*	3050
5	2932
10	2619
20	1817
30	1031
40	270
50	30
60	4
70	1
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	7636
55	860
65	285
75	233
85	0

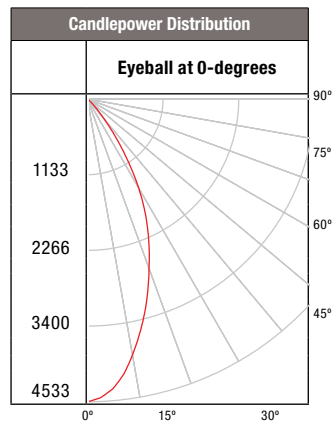
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	100.8	3.8	3.8
7'	62.2	5	5
8'	47.7	5.6	5.6
9'	37.7	6.4	6.4
10'	30.5	7.2	7.2
12'	21.2	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	1541	76.1
0-40	1920	94.9
0-60	2020	99.8
0-90	2024	100

PHOTOMETRY - 3000 lumen / 80 CRI

PD630D010B-PDM6B835-61VC
Spacing Criteria = 0.72
Lumens per Watt = 109.4 Lm/W
Test No. P215344
Test Model: PD630D010B-PDM6B835-61VC



Candela Distribution	
Degrees Vertical	Candela
0*	4533
5	4358
10	3892
20	2700
30	1532
40	401
50	45
60	7
70	2
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	11350
55	1271
65	428
75	360
85	0

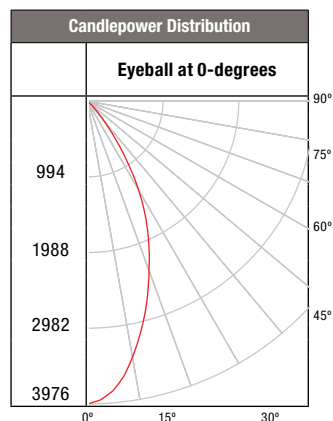
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	149.8	3.8	3.8
7'	92.5	5	5
8'	70.8	5.6	5.6
9'	56	6.4	6.4
10'	45.3	7.2	7.2
12'	31.5	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	2290	76.1
0-40	2854	94.9
0-60	3002	99.8
0-90	3008	100

PHOTOMETRY - 3000 lumen / 90 CRI

PD630D010B-PDM6B935-61VC
Spacing Criteria = 0.72
Lumens per Watt = 95.9 Lm/W
Test No. P215348
Test Model: PD630D010B-PDM6B935-61VC



Candela Distribution	
Degrees Vertical	Candela
0*	3976
5	3823
10	3415
20	2368
30	1344
40	352
50	39
60	6
70	2
80	0
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	9955
55	1118
65	376
75	318
85	0

Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	131.5	3.8	3.8
7'	81.2	5	5
8'	62.1	5.6	5.6
9'	49.1	6.4	6.4
10'	39.8	7.2	7.2
12'	27.6	8.6	8.6

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0-30	2009	76.1
0-40	2504	94.9
0-60	2634	99.8
0-90	2639	100

DESCRIPTION

The Prevail LED area, site luminaire combines optical performance, energy efficiency and long term reliability in an advanced, patent pending modern design. Utilizing the latest LED technology, the Prevail luminaire delivers unparalleled uniformity resulting in greater pole spacing. A versatile mount standard arm facilitates ease of installation for both retrofit and new installations. With energy savings greater than 62%, the Prevail fixture replaces 150-450W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadways and building areas.

SPECIFICATION FEATURES

Construction

Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. The die-cast aluminum door is tethered to provide easy access to the driver if replacement is required. A one-piece silicone gasket seals the door to the fixture housing. The optics is mounted on a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and 3G vibration rated (ANSI C136.31) to insure strength of construction and longevity in the selected application.

Optics

Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application spacing. Available in Type II, III, IV and V distributions with lumen packages ranging from 6,100 to 18,900 nominal lumens. Light engine configurations consist of 1 or 2 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/60,000 hours at 25°C) per IESNA TM-21. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.

Electrical

LED drivers are mounted to the fixture for optimal heat sinking and ease of maintenance. Thermal management incorporates both conduction and convection to transfer heat rapidly away from the LED source for optimal efficiency and light output. Class 1 electronic drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Available in 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. 10kV/10 kA surge protection standard. 0-10V dimming driver is standard with leads external to the fixture. Suitable for ambient temperatures from -40°C to 40°C. Optional 50°C HA (high ambient) available. Standard NEMA 3-PIN twistlock photocontrol receptacle and NEMA 7-PIN twistlock photocontrol receptacles are available as options.

Mounting

Standard pole mount arm is bolted directly to the pole and the fixture slides onto the arm and locks in place with a bolt facilitating quick and easy installation. The versatile, patented, standard mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the standard mounting arm enables wiring of the fixture without having to access the driver compartment. A knock-out on the standard mounting arm enables round pole mounting. Wall mount and mast arm mounting options are available. Mast arm adapter fits 2-3/8" O.D. tenon.

Finish

Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, black, dark platinum and graphite metallic.

Warranty

Five-year warranty.



PRV PREVAIL

LED

AREA / SITE / ROADWAY
LUMINAIRE



CERTIFICATION DATA

UL and cUL Wet Location Listed
IP66-Rated
3G Vibration Rated
ISO 9001
DesignLights Consortium® Qualified*
Dark Sky Approved (3000K CCT and warmer only)

ENERGY DATA

Electronic LED Driver
0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 and 60Hz,
347V/60Hz, 480V/60Hz
-40°C Minimum Temperature Rating
+40°C Ambient Temperature Rating

EPA

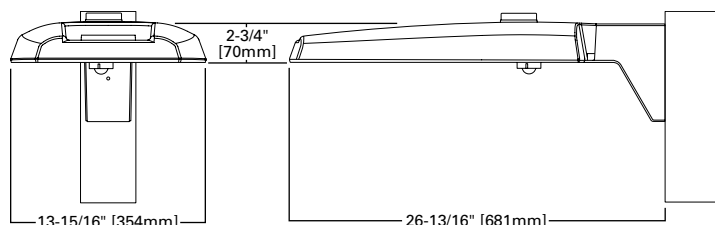
Effective Projected Area (Sq. Ft.): 0.75

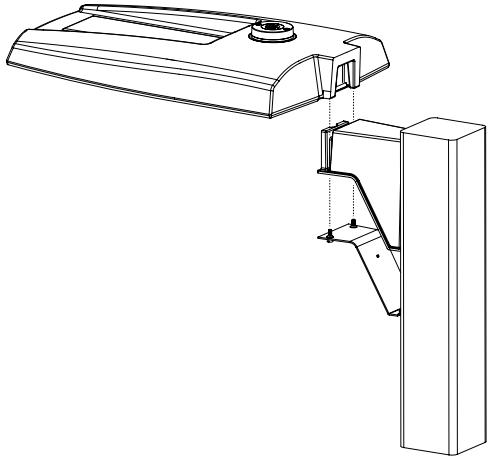
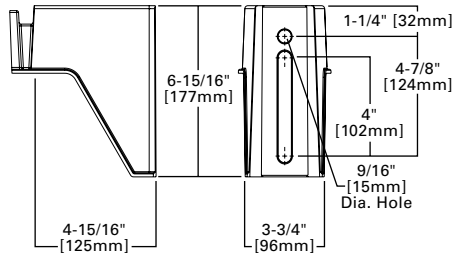
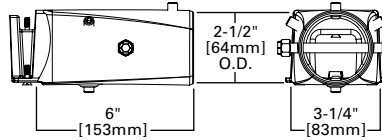
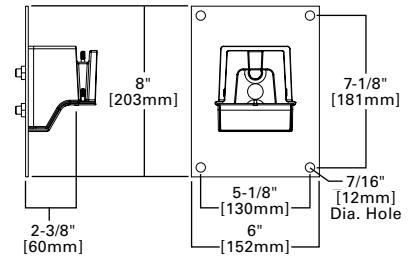
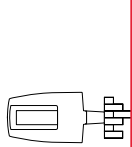
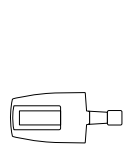
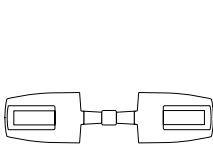
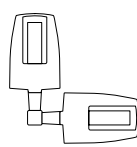
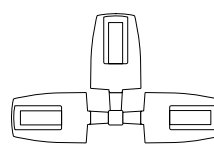
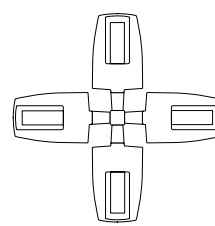
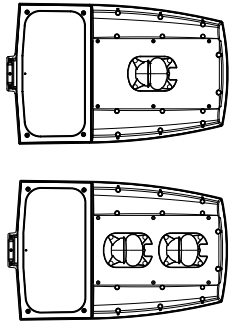
SHIPPING DATA

Approximate Net Weight:
20 lbs. (9.09 kgs.)



DIMENSIONS



VERSATILE MOUNT SYSTEM**POLE MOUNT ARM****MAST ARM MOUNT****WALL MOUNT****MOUNTING CONFIGURATIONS AND EPAS****Wall Mount****Arm Mount Single**
EPA 0.75**Arm Mount 2 @ 180°**
EPA 1.50**Arm Mount 2 @ 90°**
EPA 1.50**Arm Mount 3 @ 90°**
EPA 2.25**Arm Mount 4 @ 90°**
EPA 3.00**OPTICAL CONFIGURATIONS****POWER AND LUMENS**

Light Engine	A15	A25	A40	A60
Nominal Power (Watts)	57W	87W	143W	163W
Input Current @ 120V (A)	0.49	0.76	1.23	1.34
Input Current @ 277V (A)	0.22	0.35	0.54	0.60
Input Current @ 347V (A)	0.18	0.28	0.45	0.49
Input Current @ 480V (A)	0.13	0.21	0.33	0.35
Type II	Lumens	6,139	10,204	15,073
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3
Type III	Lumens	6,192	10,292	15,203
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4
Type IV	Lumens	6,173	10,261	15,157
	BUG Rating	B1-U0-G3	B2-U0-G3	B2-U0-G4
Type V	Lumens	6,393	10,627	15,697
	BUG Rating	B3-U0-G3	B4-U0-G3	B5-U0-G4

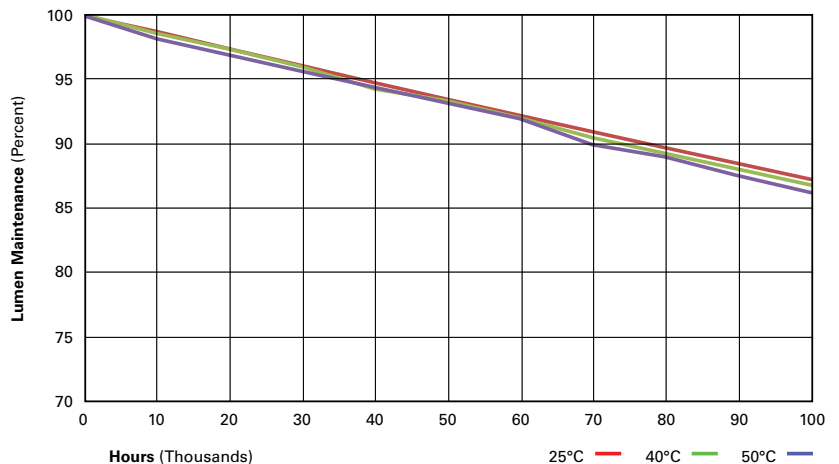
NOTE: Lumen output for standard bronze fixture color. Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
25°C	> 96%	> 93%	> 92%	> 87%	> 260,000
40°C	> 96%	> 93%	> 92%	> 87%	> 255,000
50°C	> 95%	> 92%	> 91%	> 86%	> 250,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99



CONTROL OPTIONS

0-10V (D)

This fixture is offered standard with 0-10V dimming driver(s). The dimming option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

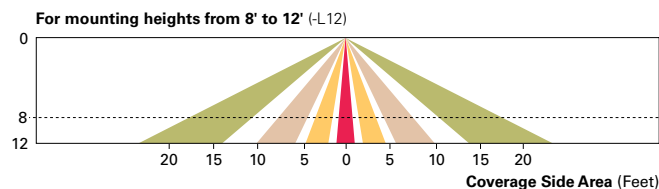
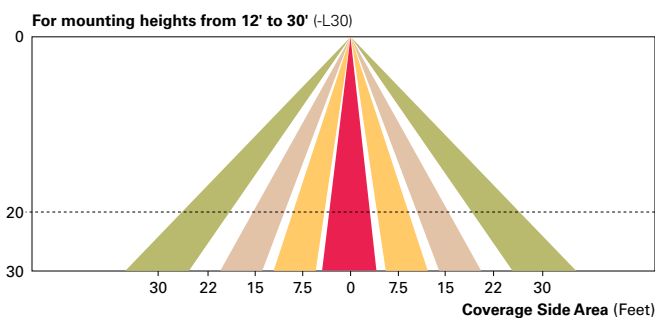
Photocontrol (PER and PER7)

Photocontrol receptacles (PER and PER7) provide a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MSP/DIM-LXX, MSP/X-LXX and MSP-LXX)

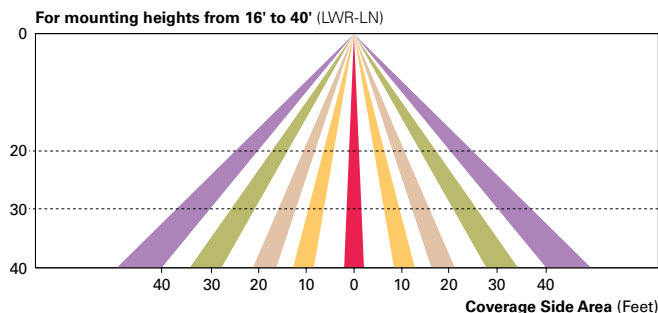
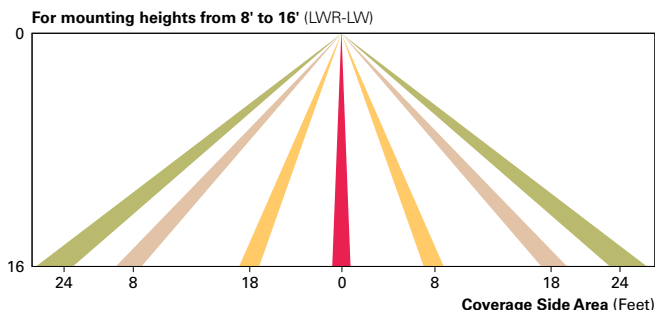
These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

These occupancy sensors includes an integral photocell that can be activated with the ISHH-01 accessory for “dusk-to-dawn” control or daylight harvesting -- the factory preset is OFF. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters. A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.



LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The Eaton's LumaWatt Pro powered by Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

ORDERING INFORMATION

Sample Number: PRV-A25-D-UNV-T3-SA-BZ

Product Family ^{1,2}	Light Engine ³	Driver ⁴	Voltage	Distribution	Mounting	Color ⁶
PRV=Prevail	A15=(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	D=Dimming (0-10V)	UNV=Universal (120-277V) 347=347V 480=480V ⁵	T2=Type II T3=Type III T4=Type IV T5=Type V	SA=Standard Versatile Arm MA=Mast Arm WM=Wall Mount Arm	AP=Grey BZ=Bronze (Standard) BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
Options (Add as Suffix)				Accessories (Order Separately) ¹²		
7030=70 CRI / 3000K CCT ⁷ 7050=70 CRI / 5000K CCT ⁷ 10K=10kV/10kA UL 1449 Fused Surge Protective Device LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{8, 9, 10} LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{8, 9, 10} MSP/DIM-L12=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height MSP/DIM-L30=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height MSP-L12=Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height MSP-L30=Integrated Sensor for ON/OFF Operation, 12' - 30' Mounting Height PER=NEMA 3-PIN Twistlock Photocontrol Receptacle ¹¹ PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ¹¹ HSS=House Side Shield ¹⁴ HA=50°C High Ambient Temperature L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right				PRVWM-XX=Wall Mount Kit PRVMA-XX=Mast Arm Mounting Kit PRVSA-XX=Standard Arm Mounting Kit HS/VERD=House Side Shield ¹⁴ MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1011-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1012-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1013-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1014-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1015-XX=2@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1016-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1019-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1045-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1048-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1049-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon OA/RA1013=Photocontrol Shorting Cap OA/RA1014=NEMA Photocontrol - 120V OA/RA1016=NEMA Photocontrol - Multi-Tap 105-285V OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V ISHH-01=Integrated Sensor Programming Remote WOLC-7P-10A=WaveLinX Outdoor Control Module (7-pin) ¹³		

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to installation instructions IB500002EN and pole white paper WVP513001EN for additional support information.
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details.
- Standard 4000K CCT and 70 CRI.
- Consult factory for driver surge protection values.
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
- Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.
- Extended lead times apply. Use dedicated IES files for 3000K and 5000K when performing layouts. These files are published on the Prevail luminaire product page on the website.
- LumaWatt Pro wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See website for LumaWatt Pro application information.
- LumaWatt Pro wireless system is not available with photocontrol receptacle (Not needed).
- Not available in conjunction with A60 lumen package at HA (High Ambient).
- Not available with MSP or LWR options.
- Replace XX with paint color.
- Requires 7-pin NEMA twistlock photocontrol receptacle. The WOLC-7 cannot be used in conjunction with additional sensors or controls.
- Option will come factory-installed. Must order one per optic as an accessory. House Side Shield not suitable for T5 distribution.

STOCK ORDERING INFORMATION

Stock Sample Number: PRVS-A25-UNV-T3

Product Family	Light Engine	Voltage	Distribution	Options (Add as Suffix)
PRVS=Prevail	A15=(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	UNV=Universal (120-277V) 347=347V	T3=Type III T4=Type IV	MSP/DIM-L30=Integrated Sensor for Dimming Operation, Maximum 30' Mounting Height

NOTE: Bronze only, 4000K CCT, 120-277V, 347V, standard mounting arm, standard non-fused 10kV MOV and 0-10V dimming.

Steel Poles



SSS SQUARE STRAIGHT STEEL

Catalog #	SSS4A10SFM1XG	Type
Project	Fox Point Lutheran Church	OP3
Comments		Date
Prepared by		

FEATURES

- ASTM Grade steel base plate with ASTM A366 base cover
- Hand hole assembly 3" x 5" on 5" and 6" pole; and 2" x 4" on 4" pole
- 10'-39' mounting heights
- Drilled or tenon (specify)

DESIGN CONSIDERATIONS

Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grounded mounted installations (e.g., installations on bridges or buildings) are not included in this document. The information contained herein is for general guidance only and is not a replacement for professional judgement. Consult with a professional, and local and federal standards, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Eaton's Light Pole White Paper for risk factors and design considerations. [Learn more.](#)

Specifications and dimensions subject to change without notice. Consult your lighting representative at Eaton or visit www.eaton.com/lighting for available options, accessories and ordering information.

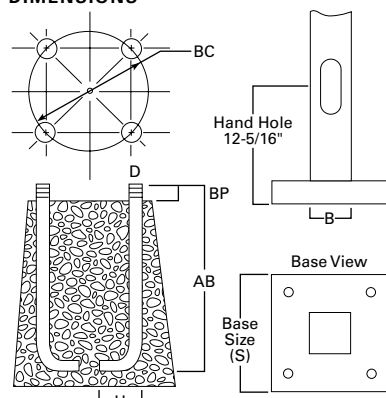
ORDERING INFORMATION

SAMPLE NUMBER: SSA5A20SFM1XG

Product Family	Shaft Size (Inches) ¹	Wall Thickness (Inches)	Mounting Height (Feet)	Base Type	Finish	Mounting Type	Number and Location of Arms	Arm Lengths (Feet)	Options (Add as Suffix)
SSS=Square Straight Steel	4=4" 5=5" 6=6"	A=0.120" M=0.188" X=0.250"	10=10' 15=15' 20=20' 25=25' 30=30' 35=35' 39=39'	S=Square Steel Base	F=Dark Bronze G=Galvanized Steel J=Summit White K=Carbon Bronze L=Dark Platinum R=Hartford Green S=Silver T=Graphite Metallic V=Grey W=White X=Custom Color Y=Black	2=2-3/8" O.D. Tenon (4" Long) 3=3-1/2" O.D. Tenon (5" Long) 4=4" O.D. Tenon (6" Long) 9=3" O.D. Tenon (4" Long) 6=2-3/8" O.D. Tenon (6" Long) 7=4" O.D. Tenon (10" Long) A=Type A Drilling C=Type C Drilling E=Type E Drilling F=Type F Drilling G=Type G Drilling J=Type J Drilling K=Type K Drilling M=Type M Drilling N=Type N Drilling R=Type R Drilling S=Standard Upsweep Arm Z=Type Z Drilling	1=Single 2=2 at 180° 3=Triple ² 4=4 at 90° 5=2 at 90° X=None	X=None 2=2' 3=2.5' 4=4' 6=6' 8=8'	A=1/2" Tapped Hub ³ B=3/4" Tapped Hub ³ C=Convenience Outlet ⁴ E=GFCI Convenience Outlet ⁴ G=Ground Lug H=Additional Hand Hole ⁵ V=Vibration Dampener

NOTES: 1. All shaft sizes nominal. 2. Square poles are 3 at 90°, round poles are 3 at 120°. 3. Tapped Hub is located 5' below the pole top and on the same side of pole as hand hole, unless specified otherwise. 4. Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. 5. Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified.

DIMENSIONS



See technical information.

Effective Projected Area (At Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	30.0	22.0	17.0	13.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	15.0	11.5	8.7	6.5	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	8.7	5.9	3.9	2.5	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	15.4	11.1	7.9	5.5	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.7	1.7	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	9.3	6.0	3.5	1.6	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.9	6.1	3.5	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	4.7	2.1	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	10.4	6.4	3.5	1.5	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.3	1.4	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	19.0	13.0	8.7	5.6	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.8	2.8	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	12.8	7.2	3.7	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.5	11.0	6.8	3.5	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.3	3.0	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	13.0	7.0	3.7	0.8	300

Effective Projected Area (Two Feet Above Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	23.0	17.5	14.0	11.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	13.4	10.0	7.5	5.7	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	7.6	5.2	3.4	2.1	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	13.8	9.9	7.1	4.9	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.4	1.6	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	8.5	5.5	3.2	1.5	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.1	5.6	3.0	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	1.8	--	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	9.6	5.9	1.9	0.2	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.1	1.3	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	18.5	12.5	8.4	5.3	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.5	2.4	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	11.8	7.0	3.5	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.0	10.5	6.4	3.4	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.0	2.4	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	12.0	6.7	3.0	0.5	300

NOTES:

1. Catalog number includes pole with hardware kit. Anchor bolts not included. Before installing, make sure proper anchor bolts and templates are obtained.
2. Tenon size or machining for rectangular arms must be specified. Hand hole position relative to drill location.
3. Shaft size, base square, anchor bolts and projections may vary slightly. All dimensions nominal.
4. EPAs based on shaft properties with wind normal to flat. EPAs calculated using base wind velocity as indicated plus 30% gust factor.

DESCRIPTION

The Prevail LED area, site luminaire combines optical performance, energy efficiency and long term reliability in an advanced, patent pending modern design. Utilizing the latest LED technology, the Prevail luminaire delivers unparalleled uniformity resulting in greater pole spacing. A versatile mount standard arm facilitates ease of installation for both retrofit and new installations. With energy savings greater than 62%, the Prevail fixture replaces 150-450W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadways and building areas.

SPECIFICATION FEATURES

Construction

Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. The die-cast aluminum door is tethered to provide easy access to the driver if replacement is required. A one-piece silicone gasket seals the door to the fixture housing. The optics is mounted on a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and 3G vibration rated (ANSI C136.31) to insure strength of construction and longevity in the selected application.

Optics

Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application spacing. Available in Type II, III, IV and V distributions with lumen packages ranging from 6,100 to 18,900 nominal lumens. Light engine configurations consist of 1 or 2 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/60,000 hours at 25°C) per IESNA TM-21. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.

Electrical

LED drivers are mounted to the fixture for optimal heat sinking and ease of maintenance. Thermal management incorporates both conduction and convection to transfer heat rapidly away from the LED source for optimal efficiency and light output. Class 1 electronic drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Available in 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. 10kV/10 kA surge protection standard. 0-10V dimming driver is standard with leads external to the fixture. Suitable for ambient temperatures from -40°C to 40°C. Optional 50°C HA (high ambient) available. Standard NEMA 3-PIN twistlock photocontrol receptacle and NEMA 7-PIN twistlock photocontrol receptacles are available as options.

Mounting

Standard pole mount arm is bolted directly to the pole and the fixture slides onto the arm and locks in place with a bolt facilitating quick and easy installation. The versatile, patented, standard mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the standard mounting arm enables wiring of the fixture without having to access the driver compartment. A knock-out on the standard mounting arm enables round pole mounting. Wall mount and mast arm mounting options are available. Mast arm adapter fits 2-3/8" O.D. tenon.

Finish

Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, black, dark platinum and graphite metallic.

Warranty

Five-year warranty.



PRV PREVAIL

LED

AREA / SITE / ROADWAY
LUMINAIRE



CERTIFICATION DATA

UL and cUL Wet Location Listed
IP66-Rated
3G Vibration Rated
ISO 9001
DesignLights Consortium® Qualified*
Dark Sky Approved (3000K CCT and warmer only)

ENERGY DATA

Electronic LED Driver
0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 and 60Hz,
347V/60Hz, 480V/60Hz
-40°C Minimum Temperature Rating
+40°C Ambient Temperature Rating

EPA

Effective Projected Area (Sq. Ft.): 0.75

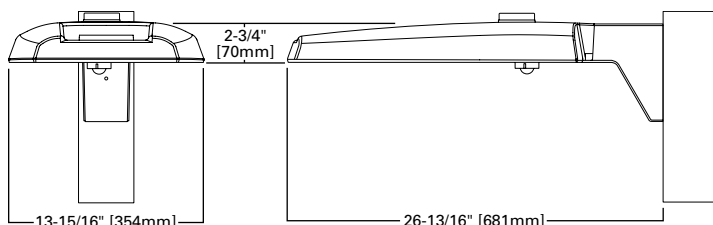
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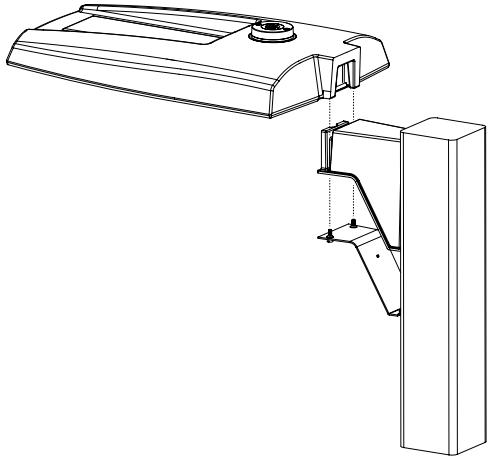
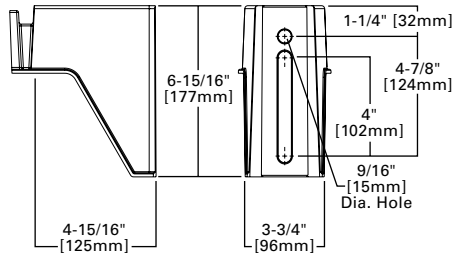
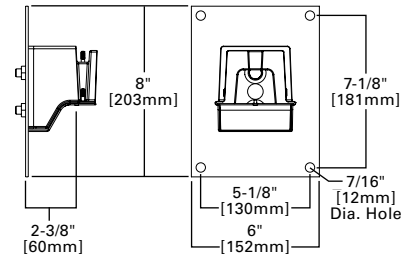
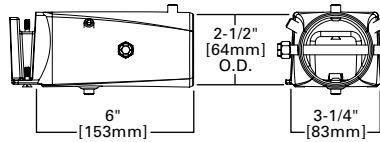
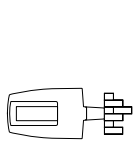
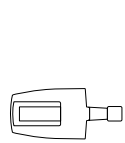
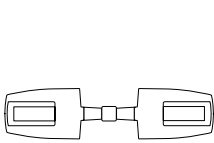
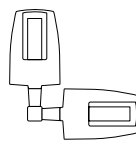
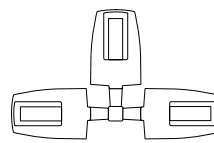
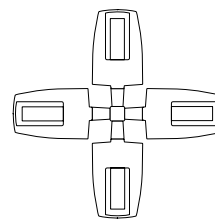
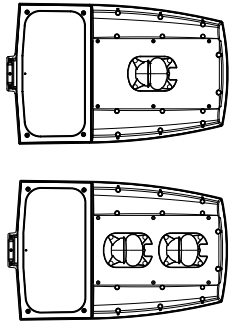
Approximate Net Weight:
20 lbs. (9.09 kgs.)



TD500065EN
February 21, 2019 8:46 AM

DIMENSIONS



VERSATILE MOUNT SYSTEM**POLE MOUNT ARM****WALL MOUNT****MAST ARM MOUNT****MOUNTING CONFIGURATIONS AND EPAS****Wall Mount****Arm Mount Single**
EPA 0.75**Arm Mount 2 @ 180°**
EPA 1.50**Arm Mount 2 @ 90°**
EPA 1.50**Arm Mount 3 @ 90°**
EPA 2.25**Arm Mount 4 @ 90°**
EPA 3.00**OPTICAL CONFIGURATIONS****POWER AND LUMENS**

Light Engine	A15	A25	A40	A60
Nominal Power (Watts)	57W	87W	143W	163W
Input Current @ 120V (A)	0.49	0.76	1.23	1.34
Input Current @ 277V (A)	0.22	0.35	0.54	0.60
Input Current @ 347V (A)	0.18	0.28	0.45	0.49
Input Current @ 480V (A)	0.13	0.21	0.33	0.35
Type II	Lumens	6,139	10,204	15,073
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3
Type III	Lumens	6,192	10,292	15,203
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4
Type IV	Lumens	6,173	10,261	15,157
	BUG Rating	B1-U0-G3	B2-U0-G3	B2-U0-G5
Type V	Lumens	6,393	10,627	15,697
	BUG Rating	B3-U0-G3	B4-U0-G3	B5-U0-G4

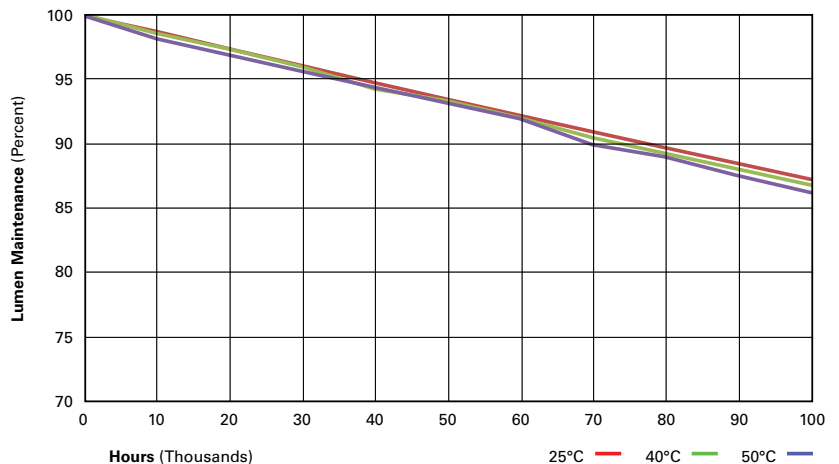
NOTE: Lumen output for standard bronze fixture color. Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
25°C	> 96%	> 93%	> 92%	> 87%	> 260,000
40°C	> 96%	> 93%	> 92%	> 87%	> 255,000
50°C	> 95%	> 92%	> 91%	> 86%	> 250,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99



CONTROL OPTIONS

0-10V (D)

This fixture is offered standard with 0-10V dimming driver(s). The dimming option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

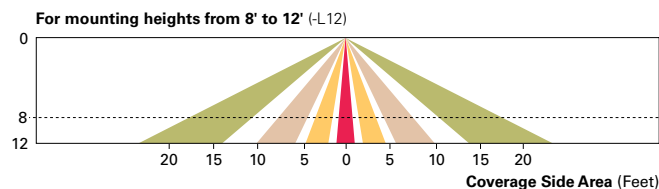
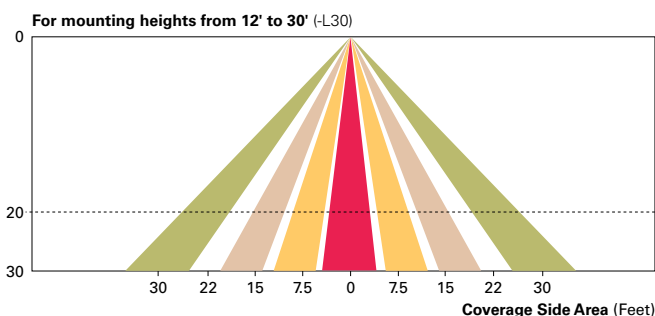
Photocontrol (PER and PER7)

Photocontrol receptacles (PER and PER7) provide a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MSP/DIM-LXX, MSP/X-LXX and MSP-LXX)

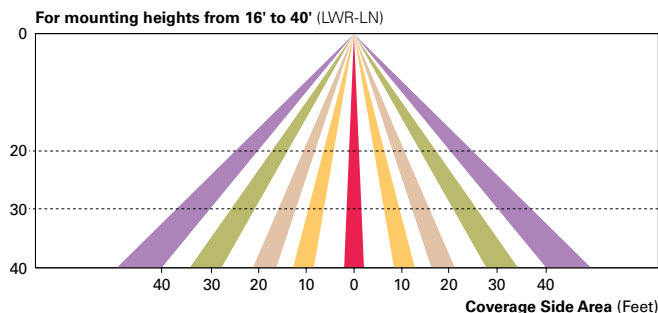
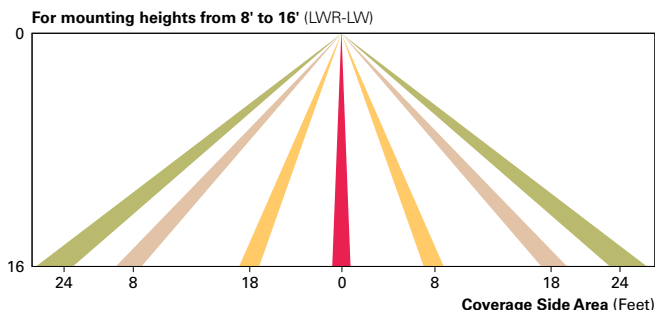
These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

These occupancy sensors includes an integral photocell that can be activated with the ISHH-01 accessory for “dusk-to-dawn” control or daylight harvesting -- the factory preset is OFF. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters. A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.



LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The Eaton's LumaWatt Pro powered by Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

ORDERING INFORMATION

Sample Number: PRV-A25-D-UNV-T3-SA-BZ

Product Family ^{1,2}	Light Engine ³	Driver ⁴	Voltage	Distribution	Mounting	Color ⁶
PRV=Prevail	A15=(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	D=Dimming (0-10V)	UNV=Universal (120-277V) 347=347V 480=480V ⁵	T2=Type II T3=Type III T4=Type IV T5=Type V	SA=Standard Versatile Arm MA=Mast Arm WM=Wall Mount Arm	AP=Grey BZ=Bronze (Standard) BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
Options (Add as Suffix)				Accessories (Order Separately) ¹²		
7030 =70 CRI / 3000K CCT ⁷ 7050 =70 CRI / 5000K CCT ⁷ 10K =10kV/10kA UL 1449 Fused Surge Protective Device LWR-LW =LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{8, 9, 10} LWR-LN =LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{8, 9, 10} MSP/DIM-L12 =Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height MSP/DIM-L30 =Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height MSP-L12 =Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height MSP-L30 =Integrated Sensor for ON/OFF Operation, 12' - 30' Mounting Height PER =NEMA 3-PIN Twistlock Photocontrol Receptacle ¹¹ PER7 =NEMA 7-PIN Twistlock Photocontrol Receptacle ¹¹ HSS =House Side Shield ¹⁴ HA =50°C High Ambient Temperature L90 =Optics Rotated 90° Left R90 =Optics Rotated 90° Right				PRVWM-XX =Wall Mount Kit PRVMA-XX =Mast Arm Mounting Kit PRVSA-XX =Standard Arm Mounting Kit HS/VERD =House Side Shield ¹⁴ MA1010-XX =Single Tenon Adapter for 3-1/2" O.D. Tenon MA1011-XX =2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1012-XX =3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1013-XX =4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1014-XX =2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1015-XX =2@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1016-XX =3@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1017-XX =Single Tenon Adapter for 2-3/8" O.D. Tenon MA1018-XX =2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1019-XX =3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1045-XX =4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1048-XX =2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1049-XX =3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX =2@120° Tenon Adapter for 2-3/8" O.D. Tenon OA/RA1013 =Photocontrol Shorting Cap OA/RA1014 =NEMA Photocontrol - 120V OA/RA1016 =NEMA Photocontrol - Multi-Tap 105-285V OA/RA1027 =NEMA Photocontrol - 480V OA/RA1201 =NEMA Photocontrol - 347V ISHH-01 =Integrated Sensor Programming Remote WOLC-7P-10A =WaveLinX Outdoor Control Module (7-pin) ¹³		

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to installation instructions IB500002EN and pole white paper WVP513001EN for additional support information.
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details.
- Standard 4000K CCT and 70 CRI.
- Consult factory for driver surge protection values.
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
- Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.
- Extended lead times apply. Use dedicated IES files for 3000K and 5000K when performing layouts. These files are published on the Prevail luminaire product page on the website.
- LumaWatt Pro wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See website for LumaWatt Pro application information.
- LumaWatt Pro wireless system is not available with photocontrol receptacle (Not needed).
- Not available in conjunction with A60 lumen package at HA (High Ambient).
- Not available with MSP or LWR options.
- Replace XX with paint color.
- Requires 7-pin NEMA twistlock photocontrol receptacle. The WOLC-7 cannot be used in conjunction with additional sensors or controls.
- Option will come factory-installed. Must order one per optic as an accessory. House Side Shield not suitable for T5 distribution.

STOCK ORDERING INFORMATION

Stock Sample Number: PRVS-A25-UNV-T3

Product Family	Light Engine	Voltage	Distribution	Options (Add as Suffix)
PRVS=Prevail	A15=(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	UNV=Universal (120-277V) 347=347V	T3=Type III T4=Type IV	MSP/DIM-L30=Integrated Sensor for Dimming Operation, Maximum 30' Mounting Height

NOTE: Bronze only, 4000K CCT, 120-277V, 347V, standard mounting arm, standard non-fused 10kV MOV and 0-10V dimming.

Steel Poles



SSS SQUARE STRAIGHT STEEL

Catalog #	SSS4A10SFM1XG	Type
Project	Fox Point Lutheran Church	OP4
Comments		Date
Prepared by		

FEATURES

- ASTM Grade steel base plate with ASTM A366 base cover
- Hand hole assembly 3" x 5" on 5" and 6" pole; and 2" x 4" on 4" pole
- 10'-39' mounting heights
- Drilled or tenon (specify)

DESIGN CONSIDERATIONS

Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grounded mounted installations (e.g., installations on bridges or buildings) are not included in this document. The information contained herein is for general guidance only and is not a replacement for professional judgement. Consult with a professional, and local and federal standards, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Eaton's Light Pole White Paper for risk factors and design considerations. [Learn more.](#)

Specifications and dimensions subject to change without notice. Consult your lighting representative at Eaton or visit www.eaton.com/lighting for available options, accessories and ordering information.

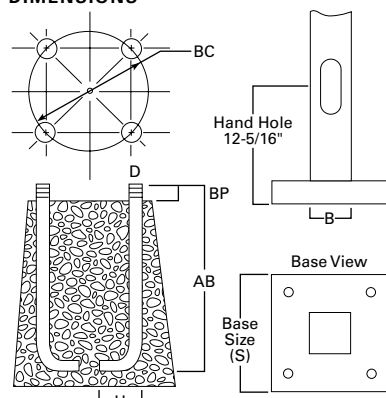
ORDERING INFORMATION

SAMPLE NUMBER: SSA5A20SFM1XG

Product Family	Shaft Size (Inches) ¹	Wall Thickness (Inches)	Mounting Height (Feet)	Base Type	Finish	Mounting Type	Number and Location of Arms	Arm Lengths (Feet)	Options (Add as Suffix)
SSS=Square Straight Steel	4=4" 5=5" 6=6"	A=0.120" M=0.188" X=0.250"	10=10' 15=15' 20=20' 25=25' 30=30' 35=35' 39=39'	S=Square Steel Base	F=Dark Bronze G=Galvanized Steel J=Summit White K=Carbon Bronze L=Dark Platinum R=Hartford Green S=Silver T=Graphite Metallic V=Grey W=White X=Custom Color Y=Black	2=2-3/8" O.D. Tenon (4" Long) 3=3-1/2" O.D. Tenon (5" Long) 4=4" O.D. Tenon (6" Long) 9=3" O.D. Tenon (4" Long) 6=2-3/8" O.D. Tenon (6" Long) 7=4" O.D. Tenon (10" Long) A=Type A Drilling C=Type C Drilling E=Type E Drilling F=Type F Drilling G=Type G Drilling J=Type J Drilling K=Type K Drilling M=Type M Drilling N=Type N Drilling R=Type R Drilling S=Standard Upsweep Arm Z=Type Z Drilling	1=Single 2=2 at 180° 3=Triple ² 4=4 at 90° 5=2 at 90° X=None	X=None 2=2' 3=2.5' 4=4' 6=6' 8=8'	A=1/2" Tapped Hub ³ B=3/4" Tapped Hub ³ C=Convenience Outlet ⁴ E=GFCI Convenience Outlet ⁴ G=Ground Lug H=Additional Hand Hole ⁵ V=Vibration Dampener

NOTES: 1. All shaft sizes nominal. 2. Square poles are 3 at 90°, round poles are 3 at 120°. 3. Tapped Hub is located 5' below the pole top and on the same side of pole as hand hole, unless specified otherwise. 4. Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. 5. Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified.

DIMENSIONS



See technical information.

Effective Projected Area (At Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	30.0	22.0	17.0	13.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	15.0	11.5	8.7	6.5	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	8.7	5.9	3.9	2.5	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	15.4	11.1	7.9	5.5	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.7	1.7	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	9.3	6.0	3.5	1.6	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.9	6.1	3.5	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	4.7	2.1	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	10.4	6.4	3.5	1.5	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.3	1.4	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	19.0	13.0	8.7	5.6	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.8	2.8	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	12.8	7.2	3.7	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.5	11.0	6.8	3.5	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.3	3.0	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	13.0	7.0	3.7	0.8	300

Effective Projected Area (Two Feet Above Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	23.0	17.5	14.0	11.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	13.4	10.0	7.5	5.7	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	7.6	5.2	3.4	2.1	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	13.8	9.9	7.1	4.9	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.4	1.6	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	8.5	5.5	3.2	1.5	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.1	5.6	3.0	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	1.8	--	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	9.6	5.9	1.9	0.2	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.1	1.3	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	18.5	12.5	8.4	5.3	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.5	2.4	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	11.8	7.0	3.5	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.0	10.5	6.4	3.4	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.0	2.4	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	12.0	6.7	3.0	0.5	300

NOTES:

1. Catalog number includes pole with hardware kit. Anchor bolts not included. Before installing, make sure proper anchor bolts and templates are obtained.
2. Tenon size or machining for rectangular arms must be specified. Hand hole position relative to drill location.
3. Shaft size, base square, anchor bolts and projections may vary slightly. All dimensions nominal.
4. EPAs based on shaft properties with wind normal to flat. EPAs calculated using base wind velocity as indicated plus 30% gust factor.

DESCRIPTION

The Prevail LED area, site luminaire combines optical performance, energy efficiency and long term reliability in an advanced, patent pending modern design. Utilizing the latest LED technology, the Prevail luminaire delivers unparalleled uniformity resulting in greater pole spacing. A versatile mount standard arm facilitates ease of installation for both retrofit and new installations. With energy savings greater than 62%, the Prevail fixture replaces 150-450W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadways and building areas.

SPECIFICATION FEATURES

Construction

Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. The die-cast aluminum door is tethered to provide easy access to the driver if replacement is required. A one-piece silicone gasket seals the door to the fixture housing. The optics is mounted on a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and 3G vibration rated (ANSI C136.31) to insure strength of construction and longevity in the selected application.

Optics

Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application spacing. Available in Type II, III, IV and V distributions with lumen packages ranging from 6,100 to 18,900 nominal lumens. Light engine configurations consist of 1 or 2 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/60,000 hours at 25°C) per IESNA TM-21. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.

Electrical

LED drivers are mounted to the fixture for optimal heat sinking and ease of maintenance. Thermal management incorporates both conduction and convection to transfer heat rapidly away from the LED source for optimal efficiency and light output. Class 1 electronic drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Available in 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. 10kV/10 kA surge protection standard. 0-10V dimming driver is standard with leads external to the fixture. Suitable for ambient temperatures from -40°C to 40°C. Optional 50°C HA (high ambient) available. Standard NEMA 3-PIN twistlock photocontrol receptacle and NEMA 7-PIN twistlock photocontrol receptacles are available as options.

Mounting

Standard pole mount arm is bolted directly to the pole and the fixture slides onto the arm and locks in place with a bolt facilitating quick and easy installation. The versatile, patented, standard mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the standard mounting arm enables wiring of the fixture without having to access the driver compartment. A knock-out on the standard mounting arm enables round pole mounting. Wall mount and mast arm mounting options are available. Mast arm adapter fits 2-3/8" O.D. tenon.

Finish

Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, black, dark platinum and graphite metallic.

Warranty

Five-year warranty.



PRV PREVAIL

LED

AREA / SITE / ROADWAY
LUMINAIRE



CERTIFICATION DATA

UL and cUL Wet Location Listed
IP66-Rated
3G Vibration Rated
ISO 9001
DesignLights Consortium® Qualified*
Dark Sky Approved (3000K CCT and warmer only)

ENERGY DATA

Electronic LED Driver
0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 and 60Hz,
347V/60Hz, 480V/60Hz
-40°C Minimum Temperature Rating
+40°C Ambient Temperature Rating

EPA

Effective Projected Area (Sq. Ft.): 0.75

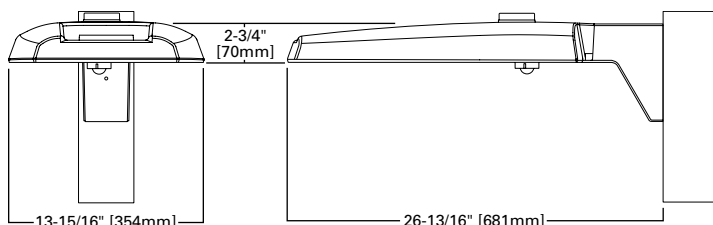
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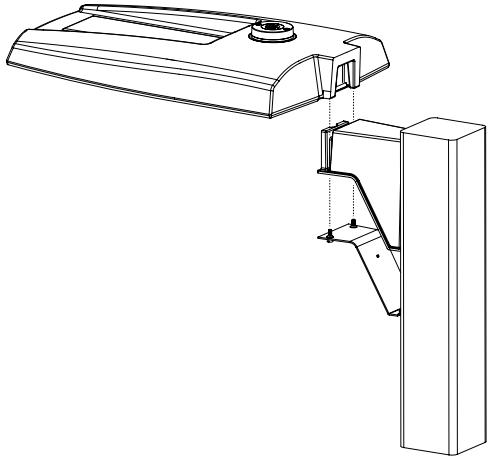
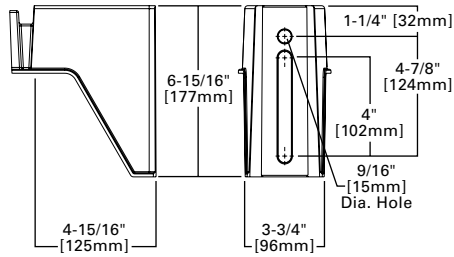
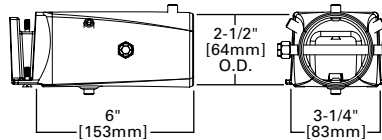
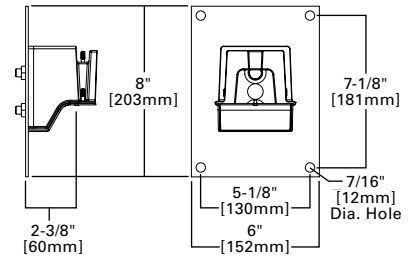
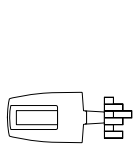
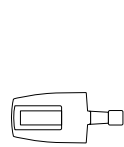
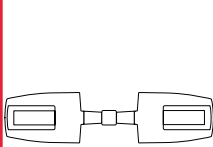
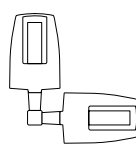
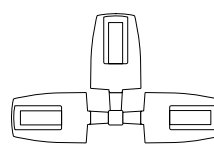
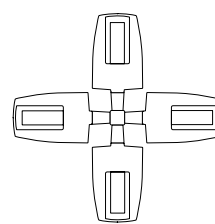
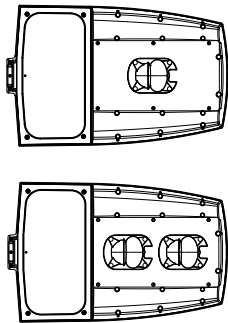
Approximate Net Weight:
20 lbs. (9.09 kgs.)



TD500065EN
February 21, 2019 8:46 AM

DIMENSIONS



VERSATILE MOUNT SYSTEM**POLE MOUNT ARM****MAST ARM MOUNT****WALL MOUNT****MOUNTING CONFIGURATIONS AND EPAS****Wall Mount****Arm Mount Single**
EPA 0.75**Arm Mount 2 @ 180°**
EPA 1.50**Arm Mount 2 @ 90°**
EPA 1.50**Arm Mount 3 @ 90°**
EPA 2.25**Arm Mount 4 @ 90°**
EPA 3.00**OPTICAL CONFIGURATIONS****POWER AND LUMENS**

Light Engine		A15	A25	A40	A60
Nominal Power (Watts)		57W	87W	143W	163W
Input Current @ 120V (A)		0.49	0.76	1.23	1.34
Input Current @ 277V (A)		0.22	0.35	0.54	0.60
Input Current @ 347V (A)		0.18	0.28	0.45	0.49
Input Current @ 480V (A)		0.13	0.21	0.33	0.35
Type II	Lumens	6,139	10,204	15,073	18,830
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3
Type III	Lumens	6,192	10,292	15,203	18,992
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4
Type IV	Lumens	6,173	10,261	15,157	18,935
	BUG Rating	B1-U0-G3	B2-U0-G3	B2-U0-G4	B2-U0-G5
Type V	Lumens	6,393	10,627	15,697	19,610
	BUG Rating	B3-U0-G3	B4-U0-G3	B4-U0-G4	B5-U0-G4

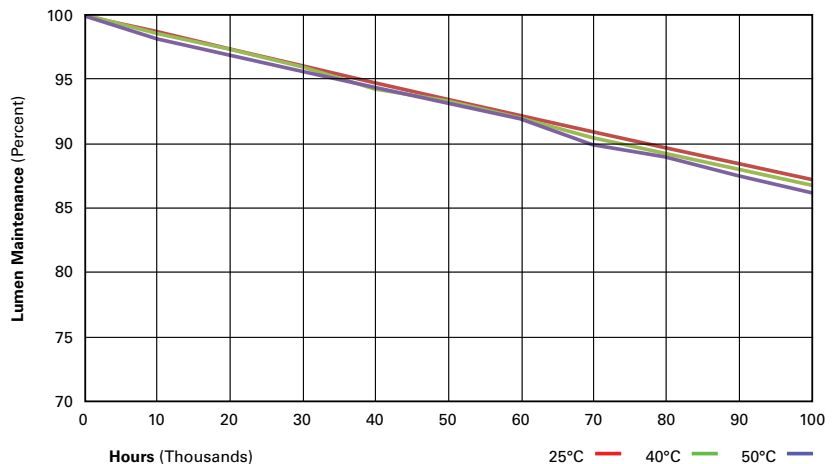
NOTE: Lumen output for standard bronze fixture color. Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
25°C	> 96%	> 93%	> 92%	> 87%	> 260,000
40°C	> 96%	> 93%	> 92%	> 87%	> 255,000
50°C	> 95%	> 92%	> 91%	> 86%	> 250,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99



CONTROL OPTIONS

0-10V (D)

This fixture is offered standard with 0-10V dimming driver(s). The dimming option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

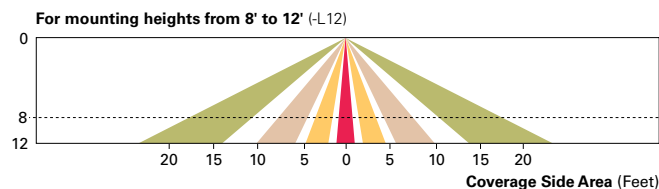
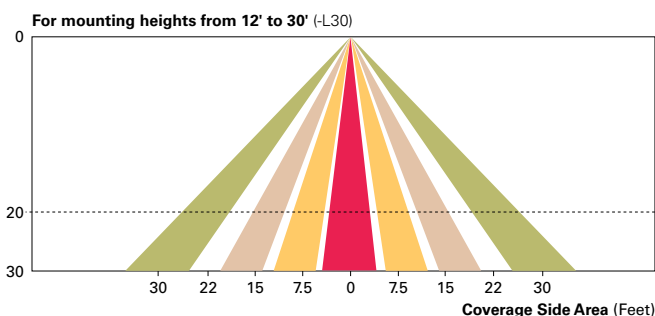
Photocontrol (PER and PER7)

Photocontrol receptacles (PER and PER7) provide a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MSP/DIM-LXX, MSP/X-LXX and MSP-LXX)

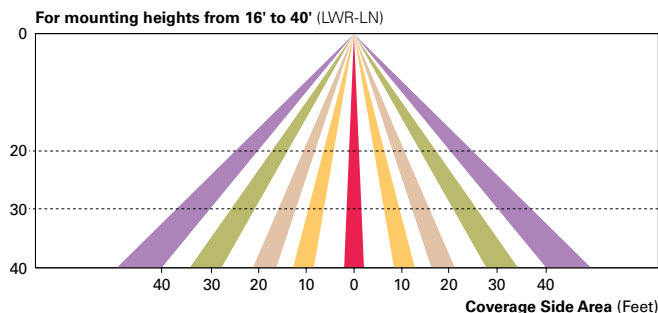
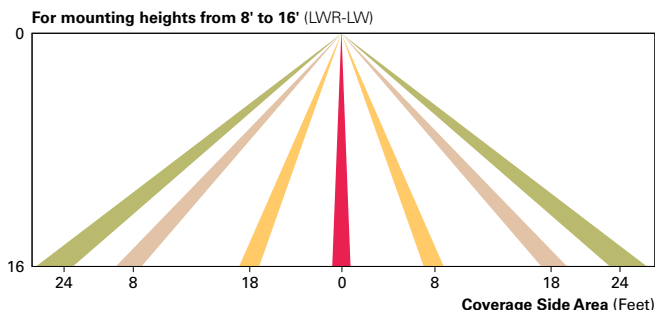
These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

These occupancy sensors includes an integral photocell that can be activated with the ISHH-01 accessory for “dusk-to-dawn” control or daylight harvesting -- the factory preset is OFF. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters. A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.



LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The Eaton's LumaWatt Pro powered by Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

ORDERING INFORMATION

Sample Number: PRV-A25-D-UNV-T3-SA-BZ

Product Family ^{1,2}	Light Engine ³	Driver ⁴	Voltage	Distribution	Mounting	Color ⁶
PRV=Prevail	A15 =(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	D=Dimming (0-10V)	UNV=Universal (120-277V) 347=347V 480=480V ⁵	T2=Type II T3=Type III T4=Type IV T5=Type V	SA=Standard Versatile Arm MA=Mast Arm WM=Wall Mount Arm	AP=Grey BZ=Bronze (Standard) BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
Options (Add as Suffix)				Accessories (Order Separately) ¹²		
7030=70 CRI / 3000K CCT ⁷ 7050=70 CRI / 5000K CCT ⁷ 10K=10kV/10kA UL 1449 Fused Surge Protective Device LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{8, 9, 10} LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{8, 9, 10} MSP/DIM-L12=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height MSP/DIM-L30=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height MSP-L12=Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height MSP-L30=Integrated Sensor for ON/OFF Operation, 12' - 30' Mounting Height PER=NEMA 3-PIN Twistlock Photocontrol Receptacle ¹¹ PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ¹¹ HSS=House Side Shield ¹⁴ HA=50°C High Ambient Temperature L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right				PRVWM-XX=Wall Mount Kit PRVMA-XX=Mast Arm Mounting Kit PRVSA-XX=Standard Arm Mounting Kit HS/VERD=House Side Shield ¹⁴ MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1011-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1012-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1013-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1014-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1015-XX=2@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1016-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1019-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1045-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1048-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1049-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon OA/RA1013=Photocontrol Shorting Cap OA/RA1014=NEMA Photocontrol - 120V OA/RA1016=NEMA Photocontrol - Multi-Tap 105-285V OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V ISHH-01=Integrated Sensor Programming Remote WOLC-7P-10A=WaveLinX Outdoor Control Module (7-pin) ¹³		

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to installation instructions IB500002EN and pole white paper WVP513001EN for additional support information.
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details.
- Standard 4000K CCT and 70 CRI.
- Consult factory for driver surge protection values.
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
- Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.
- Extended lead times apply. Use dedicated IES files for 3000K and 5000K when performing layouts. These files are published on the Prevail luminaire product page on the website.
- LumaWatt Pro wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See website for LumaWatt Pro application information.
- LumaWatt Pro wireless system is not available with photocontrol receptacle (Not needed).
- Not available in conjunction with A60 lumen package at HA (High Ambient).
- Not available with MSP or LWR options.
- Replace XX with paint color.
- Requires 7-pin NEMA twistlock photocontrol receptacle. The WOLC-7 cannot be used in conjunction with additional sensors or controls.
- Option will come factory-installed. Must order one per optic as an accessory. House Side Shield not suitable for T5 distribution.

STOCK ORDERING INFORMATION

Stock Sample Number: PRVS-A25-UNV-T3

Product Family	Light Engine	Voltage	Distribution	Options (Add as Suffix)
PRVS=Prevail	A15=(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	UNV=Universal (120-277V) 347=347V	T3=Type III T4=Type IV	MSP/DIM-L30=Integrated Sensor for Dimming Operation, Maximum 30' Mounting Height

NOTE: Bronze only, 4000K CCT, 120-277V, 347V, standard mounting arm, standard non-fused 10kV MOV and 0-10V dimming.

Steel Poles



SSS SQUARE STRAIGHT STEEL

Catalog #	SSS4A10SFM1XG	Type
Project	Fox Point Lutheran Church	OP5
Comments		Date
Prepared by		

FEATURES

- ASTM Grade steel base plate with ASTM A366 base cover
- Hand hole assembly 3" x 5" on 5" and 6" pole; and 2" x 4" on 4" pole
- 10'-39" mounting heights
- Drilled or tenon (specify)

DESIGN CONSIDERATIONS

Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grounded mounted installations (e.g., installations on bridges or buildings) are not included in this document. The information contained herein is for general guidance only and is not a replacement for professional judgement. Consult with a professional, and local and federal standards, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Eaton's Light Pole White Paper for risk factors and design considerations. [Learn more.](#)

Specifications and dimensions subject to change without notice. Consult your lighting representative at Eaton or visit www.eaton.com/lighting for available options, accessories and ordering information.

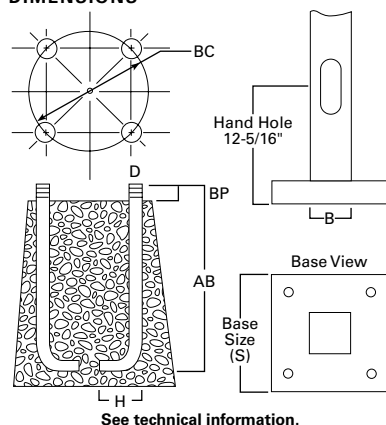
ORDERING INFORMATION

SAMPLE NUMBER: SSA5A20SFM1XG

Product Family	Shaft Size (Inches) ¹	Wall Thickness (Inches)	Mounting Height (Feet)	Base Type	Finish	Mounting Type	Number and Location of Arms	Arm Lengths (Feet)	Options (Add as Suffix)
SSS=Square Straight Steel	4=4" 5=5" 6=6"	A=0.120" M=0.188" X=0.250"	10=10' 15=15' 20=20' 25=25' 30=30' 35=35' 39=39'	S=Square Steel Base	F=Dark Bronze G=Galvanized Steel J=Summit White K=Carbon Bronze L=Dark Platinum R=Hartford Green S=Silver T=Graphite Metallic V=Grey W=White X=Custom Color Y=Black	2=2-3/8" O.D. Tenon (4" Long) 3=3-1/2" O.D. Tenon (5" Long) 4=4" O.D. Tenon (6" Long) 9=3" O.D. Tenon (4" Long) 6=2-3/8" O.D. Tenon (6" Long) 7=4" O.D. Tenon (10" Long) A=Type A Drilling C=Type C Drilling E=Type E Drilling F=Type F Drilling G=Type G Drilling J=Type J Drilling K=Type K Drilling M=Type M Drilling N=Type N Drilling R=Type R Drilling S=Standard Upsweep Arm Z=Type Z Drilling	1=Single 2=2 at 180° 3=Triple ² 4=4 at 90° 5=2 at 90° X=None	X=None 2=2' 3=2.5' 4=4' 6=6' 8=8'	A=1/2" Tapped Hub ³ B=3/4" Tapped Hub ³ C=Convenience Outlet ⁴ E=GFCI Convenience Outlet ⁴ G=Ground Lug H=Additional Hand Hole ⁵ V=Vibration Dampener

NOTES: 1. All shaft sizes nominal. 2. Square poles are 3 at 90°, round poles are 3 at 120°. 3. Tapped Hub is located 5' below the pole top and on the same side of pole as hand hole, unless specified otherwise. 4. Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. 5. Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified.

DIMENSIONS



See technical information.

Effective Projected Area (At Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	30.0	22.0	17.0	13.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	15.0	11.5	8.7	6.5	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	8.7	5.9	3.9	2.5	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	15.4	11.1	7.9	5.5	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.7	1.7	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	9.3	6.0	3.5	1.6	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.9	6.1	3.5	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	4.7	2.1	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	10.4	6.4	3.5	1.5	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.3	1.4	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	19.0	13.0	8.7	5.6	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.8	2.8	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	12.8	7.2	3.7	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.5	11.0	6.8	3.5	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.3	3.0	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	13.0	7.0	3.7	0.8	300

Effective Projected Area (Two Feet Above Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	23.0	17.5	14.0	11.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	13.4	10.0	7.5	5.7	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	7.6	5.2	3.4	2.1	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	13.8	9.9	7.1	4.9	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.4	1.6	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	8.5	5.5	3.2	1.5	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.1	5.6	3.0	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	1.8	--	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	9.6	5.9	1.9	0.2	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.1	1.3	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	18.5	12.5	8.4	5.3	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.5	2.4	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	11.8	7.0	3.5	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.0	10.5	6.4	3.4	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.0	2.4	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	12.0	6.7	3.0	0.5	300

NOTES:

1. Catalog number includes pole with hardware kit. Anchor bolts not included. Before installing, make sure proper anchor bolts and templates are obtained.
2. Tenon size or machining for rectangular arms must be specified. Hand hole position relative to drill location.
3. Shaft size, base square, anchor bolts and projections may vary slightly. All dimensions nominal.
4. EPAs based on shaft properties with wind normal to flat. EPAs calculated using base wind velocity as indicated plus 30% gust factor.

DESCRIPTION

The Prevail LED area, site luminaire combines optical performance, energy efficiency and long term reliability in an advanced, patent pending modern design. Utilizing the latest LED technology, the Prevail luminaire delivers unparalleled uniformity resulting in greater pole spacing. A versatile mount standard arm facilitates ease of installation for both retrofit and new installations. With energy savings greater than 62%, the Prevail fixture replaces 150-450W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadways and building areas.

SPECIFICATION FEATURES

Construction

Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. The die-cast aluminum door is tethered to provide easy access to the driver if replacement is required. A one-piece silicone gasket seals the door to the fixture housing. The optics is mounted on a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and 3G vibration rated (ANSI C136.31) to insure strength of construction and longevity in the selected application.

Optics

Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application spacing. Available in Type II, III, IV and V distributions with lumen packages ranging from 6,100 to 18,900 nominal lumens. Light engine configurations consist of 1 or 2 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/60,000 hours at 25°C) per IESNA TM-21. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.

Electrical

LED drivers are mounted to the fixture for optimal heat sinking and ease of maintenance. Thermal management incorporates both conduction and convection to transfer heat rapidly away from the LED source for optimal efficiency and light output. Class 1 electronic drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Available in 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. 10kV/10 kA surge protection standard. 0-10V dimming driver is standard with leads external to the fixture. Suitable for ambient temperatures from -40°C to 40°C. Optional 50°C HA (high ambient) available. Standard NEMA 3-PIN twistlock photocontrol receptacle and NEMA 7-PIN twistlock photocontrol receptacles are available as options.

Mounting

Standard pole mount arm is bolted directly to the pole and the fixture slides onto the arm and locks in place with a bolt facilitating quick and easy installation. The versatile, patented, standard mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the standard mounting arm enables wiring of the fixture without having to access the driver compartment. A knock-out on the standard mounting arm enables round pole mounting. Wall mount and mast arm mounting options are available. Mast arm adapter fits 2-3/8" O.D. tenon.

Finish

Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, black, dark platinum and graphite metallic.

Warranty

Five-year warranty.



PRV PREVAIL

LED

AREA / SITE / ROADWAY
LUMINAIRE



CERTIFICATION DATA

UL and cUL Wet Location Listed
IP66-Rated
3G Vibration Rated
ISO 9001
DesignLights Consortium® Qualified*
Dark Sky Approved (3000K CCT and warmer only)

ENERGY DATA

Electronic LED Driver
0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 and 60Hz,
347V/60Hz, 480V/60Hz
-40°C Minimum Temperature Rating
+40°C Ambient Temperature Rating

EPA

Effective Projected Area (Sq. Ft.): 0.75

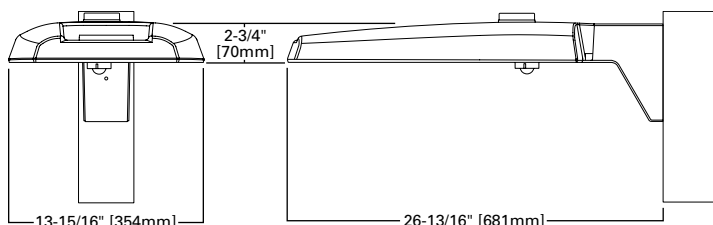
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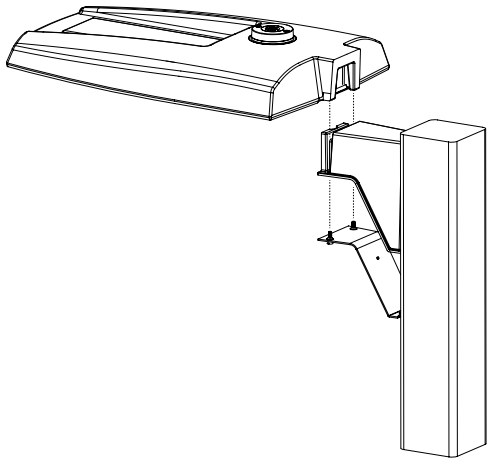
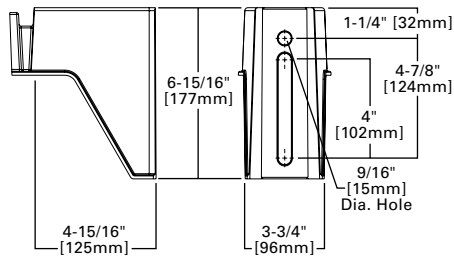
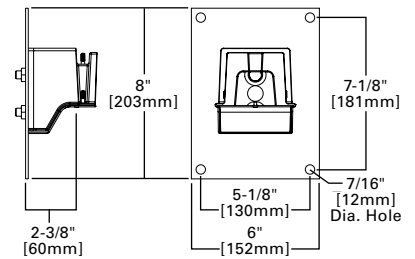
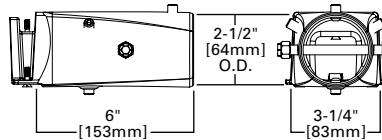
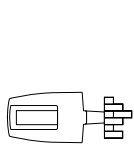
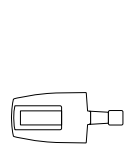
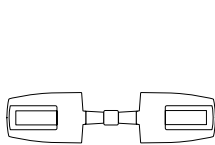
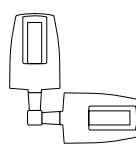
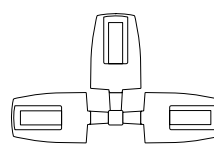
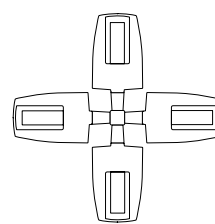
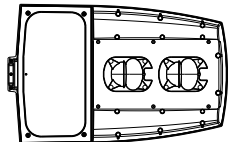
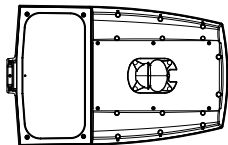
Approximate Net Weight:
20 lbs. (9.09 kgs.)



TD500065EN
February 21, 2019 8:46 AM

DIMENSIONS



VERSATILE MOUNT SYSTEM**POLE MOUNT ARM****WALL MOUNT****MAST ARM MOUNT****MOUNTING CONFIGURATIONS AND EPAS****Wall Mount****Arm Mount Single**
EPA 0.75**Arm Mount 2 @ 180°**
EPA 1.50**Arm Mount 2 @ 90°**
EPA 1.50**Arm Mount 3 @ 90°**
EPA 2.25**Arm Mount 4 @ 90°**
EPA 3.00**OPTICAL CONFIGURATIONS****POWER AND LUMENS**

Light Engine	A15	A25	A40	A60
Nominal Power (Watts)	57W	87W	143W	163W
Input Current @ 120V (A)	0.49	0.76	1.23	1.34
Input Current @ 277V (A)	0.22	0.35	0.54	0.60
Input Current @ 347V (A)	0.18	0.28	0.45	0.49
Input Current @ 480V (A)	0.13	0.21	0.33	0.35
Type II	Lumens	6,139	10,204	15,073
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3
Type III	Lumens	6,192	10,292	15,203
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4
Type IV	Lumens	6,173	10,261	15,157
	BUG Rating	B1-U0-G3	B2-U0-G3	B2-U0-G5
Type V	Lumens	6,393	10,627	15,697
	BUG Rating	B3-U0-G3	B4-U0-G3	B5-U0-G4

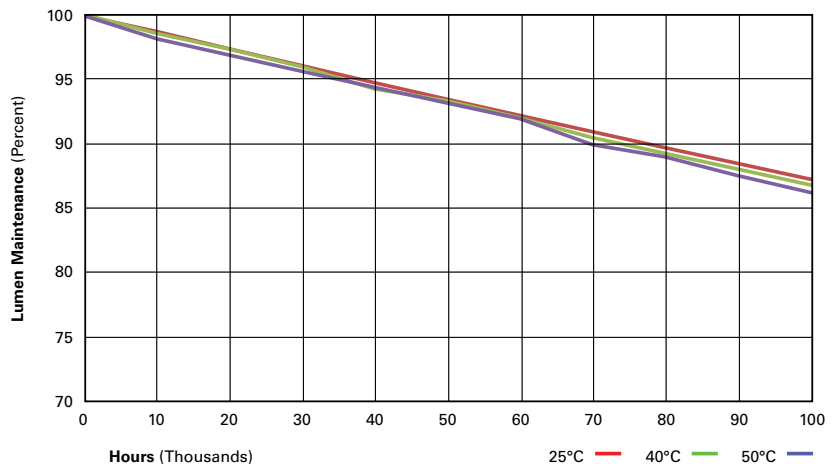
NOTE: Lumen output for standard bronze fixture color. Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
25°C	> 96%	> 93%	> 92%	> 87%	> 260,000
40°C	> 96%	> 93%	> 92%	> 87%	> 255,000
50°C	> 95%	> 92%	> 91%	> 86%	> 250,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99



CONTROL OPTIONS

0-10V (D)

This fixture is offered standard with 0-10V dimming driver(s). The dimming option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

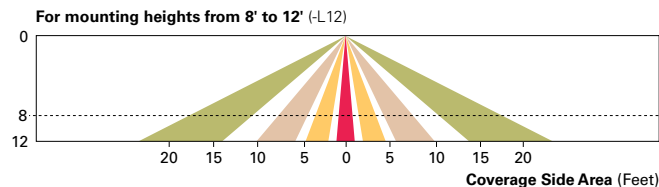
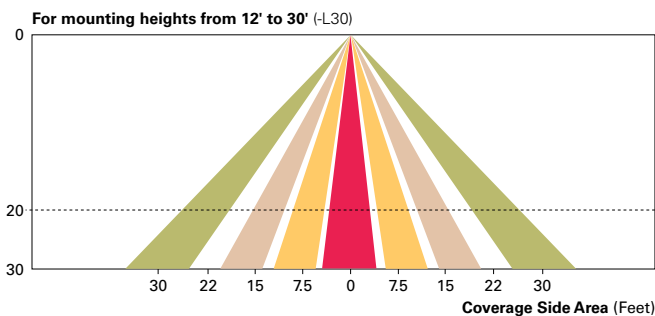
Photocontrol (PER and PER7)

Photocontrol receptacles (PER and PER7) provide a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MSP/DIM-LXX, MSP/X-LXX and MSP-LXX)

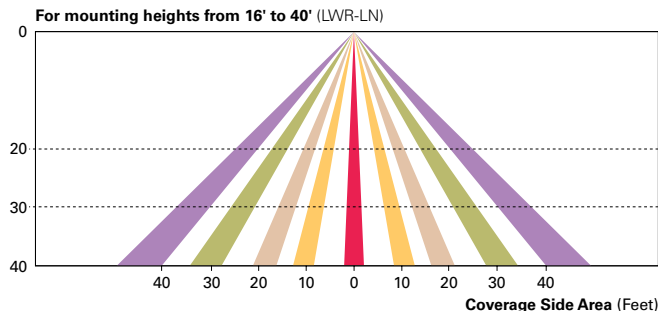
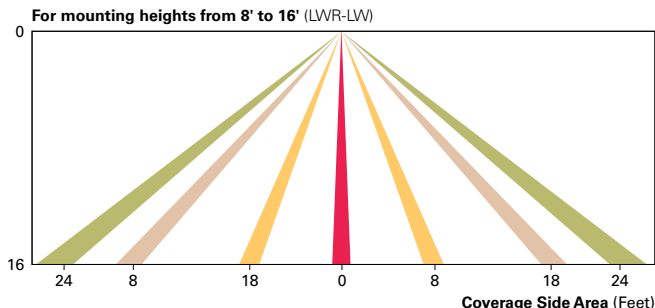
These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

These occupancy sensors includes an integral photocell that can be activated with the ISHH-01 accessory for “dusk-to-dawn” control or daylight harvesting -- the factory preset is OFF. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters. A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.



LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The Eaton's LumaWatt Pro powered by Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

ORDERING INFORMATION

Sample Number: PRV-A25-D-UNV-T3-SA-BZ

Product Family ^{1,2}	Light Engine ³	Driver ⁴	Voltage	Distribution	Mounting	Color ⁶
PRV=Prevail	A15=(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	D=Dimming (0-10V)	UNV=Universal (120-277V) 347=347V 480=480V ⁵	T2=Type II T3=Type III T4=Type IV T5=Type V	SA=Standard Versatile Arm MA=Mast Arm WM=Wall Mount Arm	AP=Grey BZ=Bronze (Standard) BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
Options (Add as Suffix)				Accessories (Order Separately) ¹²		
7030=70 CRI / 3000K CCT ⁷ 7050=70 CRI / 5000K CCT ⁷ 10K=10kV/10kA UL 1449 Fused Surge Protective Device LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{8, 9, 10} LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{8, 9, 10} MSP/DIM-L12=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height MSP/DIM-L30=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height MSP-L12=Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height MSP-L30=Integrated Sensor for ON/OFF Operation, 12' - 30' Mounting Height PER=NEMA 3-PIN Twistlock Photocontrol Receptacle ¹¹ PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ¹¹ HSS=House Side Shield ¹⁴ HA=50°C High Ambient Temperature L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right				PRVWM-XX=Wall Mount Kit PRVMA-XX=Mast Arm Mounting Kit PRVSA-XX=Standard Arm Mounting Kit HS/VERD=House Side Shield ¹⁴ MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1011-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1012-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1013-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1014-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1015-XX=2@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1016-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1019-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1045-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1048-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1049-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon OA/RA1013=Photocontrol Shorting Cap OA/RA1014=NEMA Photocontrol - 120V OA/RA1016=NEMA Photocontrol - Multi-Tap 105-285V OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V ISHH-01=Integrated Sensor Programming Remote WOLC-7P-10A=WaveLinX Outdoor Control Module (7-pin) ¹³		

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to installation instructions IB500002EN and pole white paper WVP513001EN for additional support information.
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details.
- Standard 4000K CCT and 70 CRI.
- Consult factory for driver surge protection values.
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
- Different housing colors impact lumen output. IES files for the non-standard colors are available upon request.
- Extended lead times apply. Use dedicated IES files for 3000K and 5000K when performing layouts. These files are published on the Prevail luminaire product page on the website.
- LumaWatt Pro wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See website for LumaWatt Pro application information.
- LumaWatt Pro wireless system is not available with photocontrol receptacle (Not needed).
- Not available in conjunction with A60 lumen package at HA (High Ambient).
- Not available with MSP or LWR options.
- Replace XX with paint color.
- Requires 7-pin NEMA twistlock photocontrol receptacle. The WOLC-7 cannot be used in conjunction with additional sensors or controls.
- Option will come factory-installed. Must order one per optic as an accessory. House Side Shield not suitable for T5 distribution.

STOCK ORDERING INFORMATION

Stock Sample Number: PRVS-A25-UNV-T3

Product Family	Light Engine	Voltage	Distribution	Options (Add as Suffix)
PRVS=Prevail	A15=(1 LED) 6,100 Nominal Lumens A25=(2 LEDs) 10,200 Nominal Lumens A40=(2 LEDs) 15,100 Nominal Lumens A60=(2 LEDs) 18,900 Nominal Lumens	UNV=Universal (120-277V) 347=347V	T3=Type III T4=Type IV	MSP/DIM-L30=Integrated Sensor for Dimming Operation, Maximum 30' Mounting Height

NOTE: Bronze only, 4000K CCT, 120-277V, 347V, standard mounting arm, standard non-fused 10kV MOV and 0-10V dimming.

Steel Poles



SSS SQUARE STRAIGHT STEEL

Catalog #	SSS4A10SFM2XG	Type
Project	Fox Point Lutheran Church	OP24
Comments		Date
Prepared by		

FEATURES

- ASTM Grade steel base plate with ASTM A366 base cover
- Hand hole assembly 3" x 5" on 5" and 6" pole; and 2" x 4" on 4" pole
- 10'-39' mounting heights
- Drilled or tenon (specify)

DESIGN CONSIDERATIONS

Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grounded mounted installations (e.g., installations on bridges or buildings) are not included in this document. The information contained herein is for general guidance only and is not a replacement for professional judgement. Consult with a professional, and local and federal standards, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Eaton's Light Pole White Paper for risk factors and design considerations. [Learn more.](#)

Specifications and dimensions subject to change without notice. Consult your lighting representative at Eaton or visit www.eaton.com/lighting for available options, accessories and ordering information.

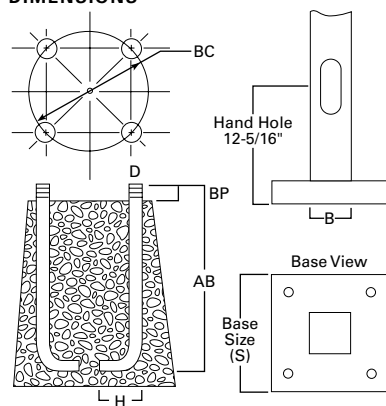
ORDERING INFORMATION

SAMPLE NUMBER: SSA5A20SFM1XG

Product Family	Shaft Size (Inches) ¹	Wall Thickness (Inches)	Mounting Height (Feet)	Base Type	Finish	Mounting Type	Number and Location of Arms	Arm Lengths (Feet)	Options (Add as Suffix)
SSS=Square Straight Steel	4=4" 5=5" 6=6"	A=0.120" M=0.188" X=0.250"	10=10' 15=15' 20=20' 25=25' 30=30' 35=35' 39=39'	S=Square Steel Base	F=Dark Bronze G=Galvanized Steel J=Summit White K=Carbon Bronze L=Dark Platinum R=Hartford Green S=Silver T=Graphite Metallic V=Grey W=White X=Custom Color Y=Black	2=2-3/8" O.D. Tenon (4" Long) 3=3-1/2" O.D. Tenon (5" Long) 4=4" O.D. Tenon (6" Long) 9=3" O.D. Tenon (4" Long) 6=2-3/8" O.D. Tenon (6" Long) 7=4" O.D. Tenon (10" Long) A=Type A Drilling C=Type C Drilling E=Type E Drilling F=Type F Drilling G=Type G Drilling J=Type J Drilling K=Type K Drilling M=Type M Drilling N=Type N Drilling R=Type R Drilling S=Standard Upsweep Arm Z=Type Z Drilling	1=Single 2=2 at 180° 3=Triple ² 4=4 at 90° 5=2 at 90° X=None	X=None 2=2' 3=2.5' 4=4' 6=6' 8=8'	A=1/2" Tapped Hub ³ B=3/4" Tapped Hub ³ C=Convenience Outlet ⁴ E=GFCI Convenience Outlet ⁴ G=Ground Lug H=Additional Hand Hole ⁵ V=Vibration Dampener

NOTES: 1. All shaft sizes nominal. 2. Square poles are 3 at 90°, round poles are 3 at 120°. 3. Tapped Hub is located 5' below the pole top and on the same side of pole as hand hole, unless specified otherwise. 4. Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. 5. Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified.

DIMENSIONS



See technical information.

Effective Projected Area (At Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	30.0	22.0	17.0	13.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	15.0	11.5	8.7	6.5	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	8.7	5.9	3.9	2.5	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	15.4	11.1	7.9	5.5	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.7	1.7	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	9.3	6.0	3.5	1.6	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.9	6.1	3.5	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	4.7	2.1	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	10.4	6.4	3.5	1.5	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.3	1.4	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	19.0	13.0	8.7	5.6	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.8	2.8	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	12.8	7.2	3.7	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.5	11.0	6.8	3.5	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.3	3.0	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	13.0	7.0	3.7	0.8	300

Effective Projected Area (Two Feet Above Pole Top)

Mounting Height (Feet)	Catalog Number ^{1,2}	Wall Thickness (Inches)	Base Square ³ (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection ³ (Inches)	Shaft Size ³ (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) ⁴				Max. Fixture Load - Includes Bracket (Pounds)
MH			S	BC	BP	B	D x AB x H		80 mph	90 mph	100 mph	110 mph	
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	23.0	17.5	14.0	11.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	13.4	10.0	7.5	5.7	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	7.6	5.2	3.4	2.1	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	13.8	9.9	7.1	4.9	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.4	1.6	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	8.5	5.5	3.2	1.5	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.1	5.6	3.0	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	1.8	--	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	9.6	5.9	1.9	0.2	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.1	1.3	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	18.5	12.5	8.4	5.3	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.5	2.4	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	11.8	7.0	3.5	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.0	10.5	6.4	3.4	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.0	2.4	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	12.0	6.7	3.0	0.5	300

NOTES:

1. Catalog number includes pole with hardware kit. Anchor bolts not included. Before installing, make sure proper anchor bolts and templates are obtained.
2. Tenon size or machining for rectangular arms must be specified. Hand hole position relative to drill location.
3. Shaft size, base square, anchor bolts and projections may vary slightly. All dimensions nominal.
4. EPAs based on shaft properties with wind normal to flat. EPAs calculated using base wind velocity as indicated plus 30% gust factor.

DESCRIPTION

The Lumark Axcent LED wall mount luminaire provides a flush-mounted, architectural design with high performing, energy-efficient illumination resulting in up to 95% energy and maintenance savings over traditional sources. The die-cast aluminum construction along with stainless steel hardware, gasketed housing, and sealed optical compartment make the Axcent impervious to contaminants. The Axcent replaces 70W to 450W metal halide equivalents making it ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways, loading docks and floodlighting applications.

SPECIFICATION FEATURES

Construction

Low-profile LED design with rugged die-cast aluminum housing. Matching housing styles incorporate both a full cutoff and refractive lens design. External fin design on the back of the fixture extracts heat from the surface resulting in a thermally optimize design for longer luminaire life. One-piece silicone gasket seals the fixture, keeping out moisture and dusts in compliance with IP66 rating. The fixture is 3G vibration rated (ANSI C136.31) and UL/cUL listed ensuring reliability and durability in wall mount applications.

Optical

Silicone-sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Refractive lens models incorporate a molded lens assembly designed for maximum forward throw. Optional glare free lens is available for visual comfort at reduced lumen values. Available in Type IV distribution with lumen packages ranging from 1,800 to 17,300 nominal lumens. Light engine configurations consist of high-efficiency, discrete LEDs mounted to metal-core circuit boards to maximize heat

dissipation and promote long life. Offered in standard 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 5000K CCT / 70CRI min and 3000K / 80CRI min are available.

Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. Integral LED electronic driver incorporates 6kV surge protection. Class 1 electronic drivers have a power factor >90% and THD<20%. 120-277V 50/60Hz standard operation with optional 347V 60Hz or 480V 60Hz options available. 480V is compatible for use with 480V Wye systems only. 0-10V dimming driver is standard with leads external to the fixture to accommodate controls capability such a dimming and occupancy. 10kV/10kA surge protection option is available.

Mounting

Steel wedge mounting plate fits directly to 4" standard j-box or directly to wall with the "Hook-N-Lock" mechanism for quick installation. Secure with two captive, corrosion resistant, stainless steel set screws, which are concealed but accessible from bottom of fixture. Optional floodlight kits available in slipfitter,

knuckle and trunnion mount configurations. Optional pole mount configuration provides a quick-mount solution to round and square poles. The easy installation arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8".

Emergency Egress

Optional integral cold weather battery emergency egress includes emergency operation test switch, an AC-ON indicator light and a premium, maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provided redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

Finish

The Axcent is protected with five state super TGIC polyester powder coat paint in carbon bronze and five other color finishes. Super TGIC power coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

Warranty

Five-year warranty.



AXCS / AXCL AXCENT

14-123W
LED

APPLICATIONS:
WALL / SURFACE / INVERTED
FLOODLIGHTING / PATHWAY /
SITE LIGHTING



CERTIFICATION DATA

3G Vibration Rated
DesignLights Consortium® Qualified*
FCC Class A
IP66 Rated
ISO9001, UL/cUL Wet Location Listed
LM79/LM80 Compliant
ROHS Compliant
Title 24 Compliant
UL924 Listed (CBP Models)

TECHNICAL DATA

-40°C Minimum Ambient Temperature
+40°C Maximum Ambient Temperature
External Supply Wiring 90°C Minimum

SHIPPING DATA:

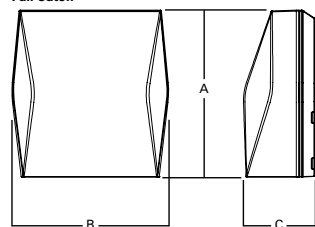
Approximate Net Weight:
Small fixture=5 lbs. [2.36 kgs.]
Small with sensor or CBP=10 lbs. [4.40 kgs.]
Large fixture=12 lbs. [5.45 kgs.]
Large with sensor or CBP=17 lbs. [7.73 kgs.]
Large with sensor & CBP=21 lbs. [9.54 kgs.]



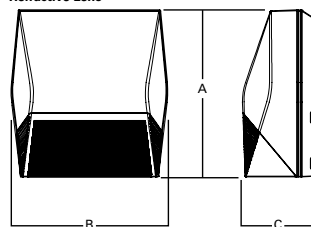
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DIMENSIONS

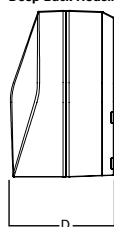
Full Cutoff



Refractive Lens



Deep Back Housing

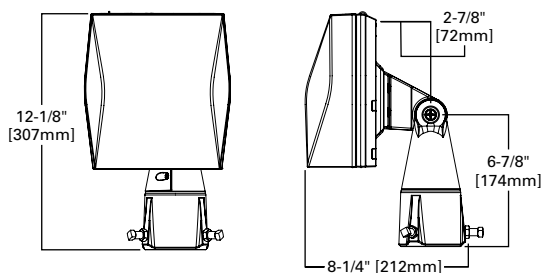
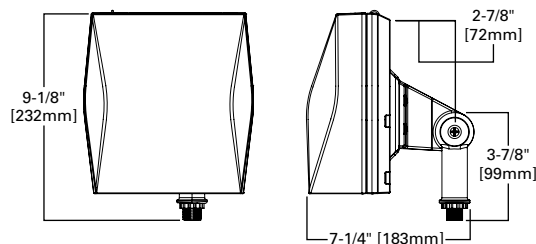
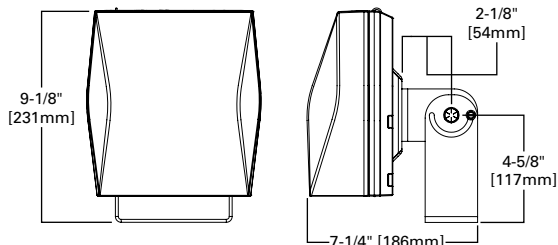


Dimensional Data

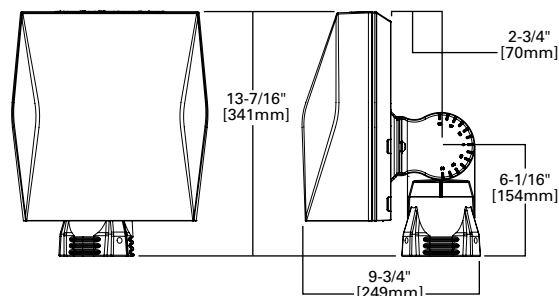
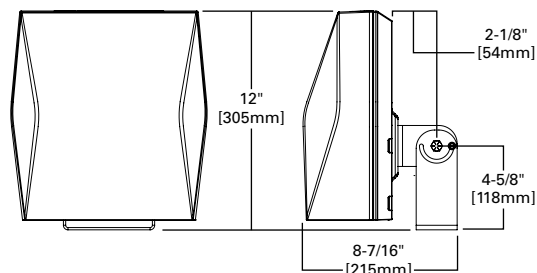
	AXCS Small	AXCL Large
A	8" [202mm]	11-1/2" [292mm]
B	7-1/2" [190mm]	10-3/4" [273mm]
C	3-5/8" [94mm]	4-7/8" [124mm]
D	6-1/8" [155mm]	7-1/8" [181mm]

MOUNTING OPTIONS**Slipfitter Mount (Small)**

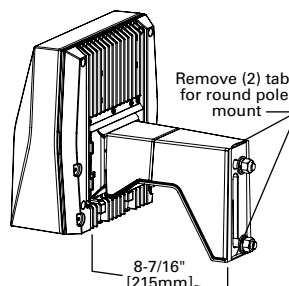
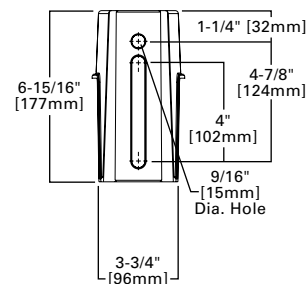
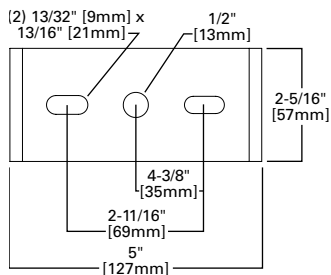
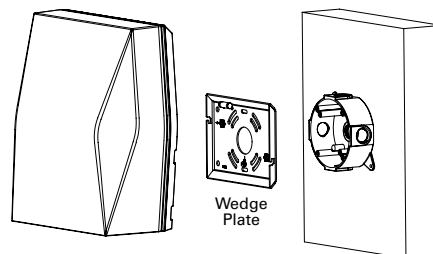
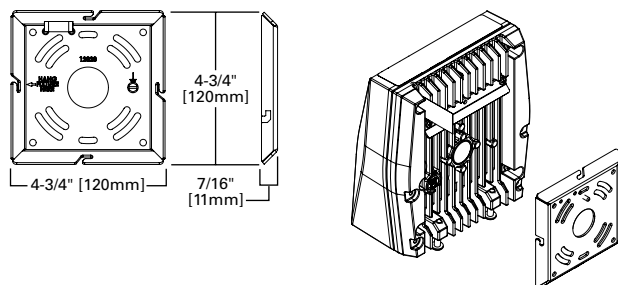
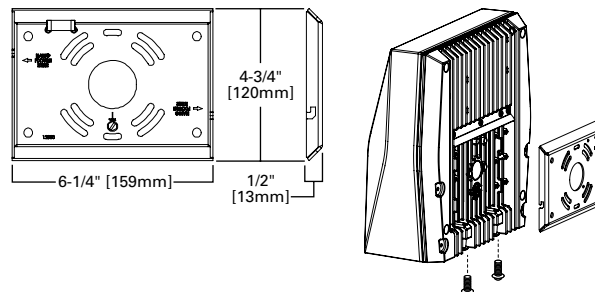
Tenon OD: 2-3/8" | EPA: 0.60

**Knuckle Mount (Small)****Trunnion Mount (Small)****Slipfitter Mount (Large)**

Tenon OD: 2-3/8" to 2-7/8" | EPA: 1.10

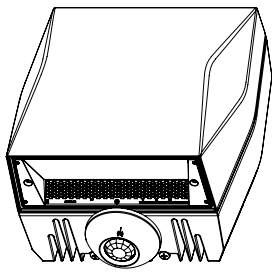
**Trunnion Mount (Large)****Pole Mount Arm (Large)**

EPA: 1.1

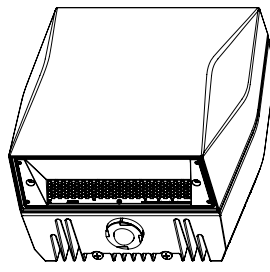
**Drill Pattern****Trunnion Mount Detail****Through-branch Wiring** (Available through rated junction box - supplied by others)**Wall Mount Plate Detail (Small)****Wall Mount Plate Detail (Large)**

CONTROL OPTIONS

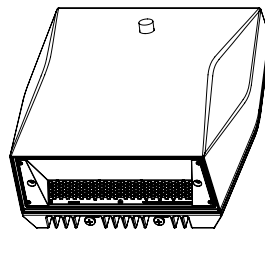
LumaWatt Pro Sensor



Occupancy Sensor

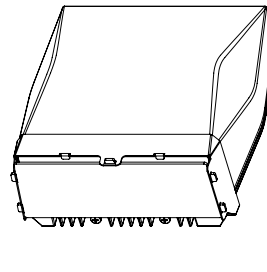


Button Photocontrol

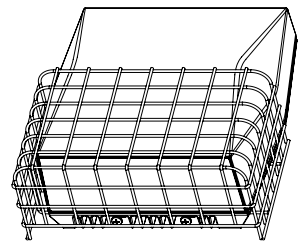


VANDAL SHIELD AND WIRE GUARD OPTIONS

Vandal Shield



Wire Guard



CONTROL OPTIONS

0-10V

This fixture is offered standard with 0-10V dimming driver(s) for use with a lighting control panel or other control method.

Photocontrol (PC1, PC2, and PC)

Optional button-type photocontrol provides a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels.

After Hours Dim (AHD)

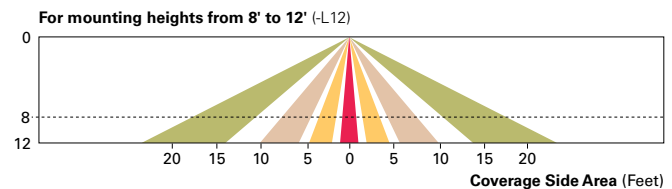
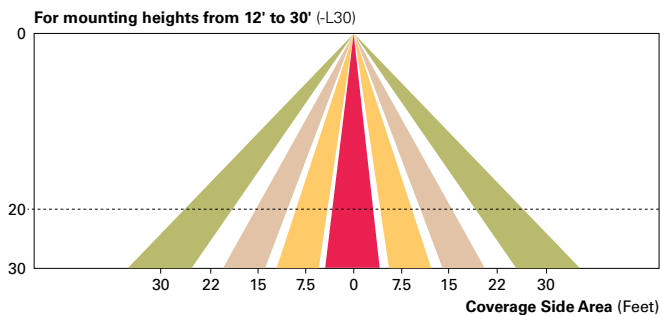
This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a “dusk-to-dawn” period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (MSP/DIM-LXX and MSP-LXX)

These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

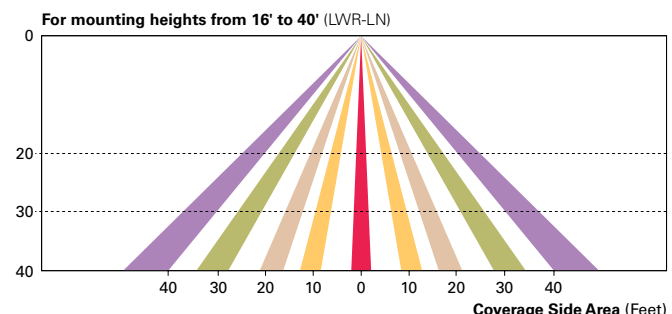
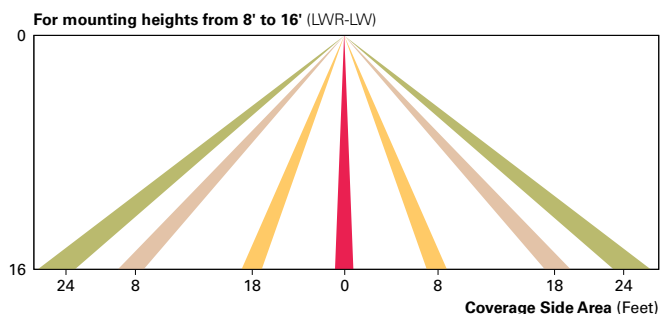
These occupancy sensors includes an integrated photocell that can be activated with the ISHH-01 accessory for “dusk-to-dawn” control or daylight harvesting - the factory preset is OFF. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.

**LumaWatt Pro Wireless Control and Monitoring System** (LWR-LW and LWR-LN)

The LumaWatt Pro system is a peer-to-peer wireless network of luminaire-integral sensors for any sized project. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication. The end-user can securely create and manage sensor profiles with browser-based management software. The software will automatically broadcast to the sensors via wireless gateways for zone-based and individual luminaire control. The LumaWatt Pro software provides smart building solutions by utilizing the sensor to provide easy-to-use dashboard and analytic capabilities such as improved energy savings, traffic flow analysis, building management software integration and more.

For additional details, refer to the LumaWatt Pro product guides.



POWER AND LUMENS (AXCENT SMALL)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A	AXCS5A
Power (Watts)		14	21	27	44	52
Input Current @ 120V (A)		0.12	0.18	0.23	0.37	0.43
Input Current @ 240V (A)		0.06	0.09	0.11	0.18	0.22
Input Current @ 277V (A)		0.05	0.08	0.10	0.16	0.19
Input Current @ 347V (A)		0.04	0.06	0.08	0.13	0.15
Input Current @ 480V (A)		0.03	0.04	0.06	0.09	0.11
Configuration						
Full Cutoff	4000K/5000K Lumens	1,806	2,561	3,537	5,520	6,300
	3000K Lumens	1,526	2,164	2,989	4,665	5,324
	BUG Rating	B1-U0-G0	B1-U0-G0	B1-U0-G0	B2-U0-G1	B2-U0-G1
Refractive Lens	4000K/5000K Lumens	1,915	2,716	3,704	5,858	6,699
	3000K Lumens	1,618	2,295	3,130	4,950	5,661
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U4-G3	B1-U4-G3

POWER AND LUMENS (AXCENT LARGE)

Light Engine		AXCL6A	AXCL8A	AXCL10A	AXCL12A
Power (Watts)		56	72	102	123
Input Current @ 120V (A)		0.44	0.60	0.83	1.01
Input Current @ 240V (A)		0.22	0.31	0.41	0.51
Input Current @ 277V (A)		0.20	0.27	0.36	0.45
Input Current @ 347V (A)		0.17	0.22	0.30	0.37
Input Current @ 480V (A)		0.13	0.16	0.22	0.27
Configuration					
Full Cutoff	4000K Lumens	7,594	9,696	13,283	16,823
	5000K Rating	7,465	9,531	13,058	16,538
	3000K Lumens	6,619	8,450	11,577	14,662
	BUG Rating	B1-U0-G1	B1-U0-G1	B3-U0-G2	B3-U0-G2
Refractive Lens	4000K Lumens	7,809	9,970	13,641	17,346
	5000K Rating	7,689	9,817	13,450	17,034
	3000K Lumens	6,817	8,704	11,924	15,102
	BUG Rating	B1-U4-G4	B2-U5-G5	B2-U5-G5	B2-U5-G5

POWER AND LUMENS (SMALL + CBP)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A
Power (Watts)		18	25	31	48
Input Current @ 120V (A)		0.15	0.21	0.26	0.40
Input Current @ 240V (A)		0.08	0.11	0.13	0.20
Input Current @ 277V (A)		0.07	0.09	0.11	0.18
Configuration					
Full Cutoff	4000K/5000K Lumens	629	587	647	570
	3000K Lumens	531	496	547	482
Refractive Lens	4000K/5000K Lumens	667	623	686	605
	3000K Lumens	563	526	580	511

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.

LUMEN MAINTENANCE (AXCENT SMALL)

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (72,000 Hours)
Up to 3A		
25°C	90%	246,000
40°C	90%	225,000
50°C	89%	195,000
Up to 5A		
25°C	89%	240,000
40°C	88%	223,000
50°C	87%	186,000

LUMEN MAINTENANCE (AXCENT LARGE)

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (72,000 Hours)
Up to 8A		
25°C	94%	556,000
40°C	94%	556,000
50°C	92%	340,000
Up to 10A		
25°C	94%	556,000
40°C	94%	478,000
50°C	87%	207,000
Up to 12A		
25°C	94%	151,000
40°C	81%	125,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.97

POWER AND LUMENS (LARGE + CBP)

Light Engine		AXCL6A	AXCL8A	AXCL10A
Power (Watts)		81	97	127
Input Current @ 120V (A)		0.65	0.81	1.04
Input Current @ 240V (A)		0.33	0.41	0.52
Input Current @ 277V (A)		0.29	0.36	0.45
Configuration				
Full Cutoff	4000K/5000K Lumens	1,340		
	3000K Lumens	1,168		
Refractive Lens	4000K/5000K Lumens	1,380		
	3000K Lumens	1,203		

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.

ORDERING INFORMATION

Sample Number: AXCS1A-AP-347V

Model Series ¹	LED Color Temperature	Color	Options (Add as Suffix)
Full Cutoff AXCS1A=14W AXCS2A=21W AXCS3A=27W AXCS4A=44W AXCS5A=52W AXCL6A=56W AXCL8A=72W AXCL10A=102W AXCL12A=123W Refractive Lens AXCS1ARL=14W AXCS2ARL=21W AXCS3ARL=27W AXCS4ARL=44W AXCS5ARL=52W AXCL6ARL=56W AXCL8ARL=72W AXCL10ARL=102W AXCL12ARL=123W	[Blank]=4000K, Neutral C=5000K, Cool W=3000K, Warm	[Blank]=Carbon Bronze (Standard) WT=Summit White BK=Black AP=Grey GM=Graphite Metallic DP=Dark Platinum	347V=347V ² 480V=480V ² PC1=Photocontrol 120V ^{3,4,5} PC2=Photocontrol 208-277V, 347V, 480V ^{4,5,6} PC=Photocontrol 120-277V, 347V, 480V ^{4,7} KKIT=Knuckle Floodlight Mount ⁷ TRNKIT=Trunnion Floodlight Mount SFKIT=Slipfitter Floodlight Mount PMakit=Pole Mount Arm LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{4,8} LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{4,8} MSP/DIM-L12=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height ^{4,8,9} MSP/DIM-L30=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height ^{4,8,9} MSP-L12=Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height ^{4,8,9} MSP-L30=Integrated Sensor for ON/OFF Operation, 12' - 30' Mounting Height ^{4,8,9} CBP=Cold Weather Battery Pack ^{3,10,11,12,13,14} 10K=10kV/10kA Surge Protection HA=50°C High Ambient ^{11,15} GRF=Glare Reducing Lens ¹⁶ AHD145=After Hours Dim, 5 Hours ^{5,17} AHD245=After Hours Dim, 6 Hours ^{5,17} AHD255=After Hours Dim, 7 Hours ^{5,17} AHD355=After Hours Dim, 8 Hours ^{5,17}

Accessories (Order Separately) ¹⁸

VS/AXCS=Vandal Shield Axcent Small ^{7,19}
VS/AXCS-MS=Vandal Shield Axcent Small (With Motion Sensor) ^{7,19}
WG/AXCS=Wire Guard Axcent Small ⁷
WG/AXCS-MS=Wire Guard Axcent Small (With Motion Sensor) ⁷
VS/AXCL=Vandal Shield Axcent Large ^{5,19}
VS/AXCL-MS=Vandal Shield Axcent (With Motion Sensor) ^{5,19}
WG/AXCL=Wire Guard Axcent Large ⁵
WG/AXCL-MS=Wire Guard Axcent (With Motion Sensor) ⁵
KKIT/AXCS-XX=Knuckle and Visor Floodlight Kit (For Axcent Small) ⁷
SFKIT/AXCS-XX=Slipfitter Floodlight Kit (For Axcent Small) ⁷
TRNKIT/AXCS-XX=Trunnion and Visor Floodlight Kit (For Axcent Small) ⁷
TRNKIT-XX=Trunnion Floodlight Kit (For Axcent Large) ⁵
SFKIT-XX=Slipfitter Floodlight Kit (For Axcent Large) ⁵
PMakit-XX=Pole Mount Kit (For Axcent Large) ⁵
ISHH-01=Integrated Sensor Programming Remote ²⁰
MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon
MA1011-XX=2 @ 180° Tenon Adapter for 3-1/2" O.D. Tenon
MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon
MA1018-XX=2 @ 180° Tenon Adapter for 2-3/8" O.D. Tenon

NOTES:

- DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
- Transformer used only when ordered with motion sensor or AXCS1 through AXCS5 or AXCL6 fixture wattages.
- Not available in 347 or 480 VAC.
- Button photocontrol and any motion sensor not offered together.
- Only available on AXCL6-AXCL12 models.
- Used with 277, 347, and 480 VAC options.
- Only available on AXCS1-AXCS5 models.
- Uses deep back housing.
- The ISHH-01 accessory is required to adjust parameters.
- Ambient operating temperature -20°C to 25°C for AXCL6 through AXCL10. Ambient operating temperature -20°C to 30°C on AXCS4 models. Ambient operating temperature -20°C to 40°C on AXCS1 through AXCS3 models.
- Not available with AXCS5 or AXCL12 models.
- Uses deep back housing for AXCS1, AXCL2, AXCS3, and AXCS4 models.
- Not to be mounted in upwards / inverted orientation. Downlight wall mount only for AXCS1 through AXCS4.
- In AXCS1, AXCS2, AXCS3, and AXCS4 models, CBP cannot be used with any sensor option (PC, MSP, LWR).
- Can not be ordered with CBP or PC options.
- Use dedicated IES files on product website for lumen values and distributions.
- Requires the use of PC1 or PC2 button photocontrol. See After Hours Dim supplemental guide for additional information.
- Replace XX with color designation.
- For use with full cutoff lens configurations only.
- This tool enables adjustment to parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.

STOCK ORDERING INFORMATION

Model Series ¹			
Full Cutoff		Refractive Lens	
AXCS1A=14W	AXCL10A=102W	AXCS1ARL=14W	AXCL10ARL=102W
AXCS2A=21W	AXCL12A=123W	AXCS2ARL=21W	AXCL12ARL=123W
AXCS3A=27W	AXCL6A-347V=56W	AXCS3ARL=27W	AXCL6ARL-347V=56W
AXCS4A=44W	AXCL8A-347V=72W	AXCS4ARL=44W	AXCL8ARL-347V=72W
AXCS5A=52W	AXCL10A-347V=102W	AXCS5ARL=52W	AXCL10ARL-347V=102W
AXCL6A=56W	AXCL12A-347V=123W	AXCL6ARL=56W	AXCL12ARL-347V=123W
AXCL8A=72W		AXCL8ARL=72W	

NOTES:

- All stock configurations are 4000K color temperatures, standard Carbon Bronze finish, and wall mount configuration.

May 7, 2020

Procedure guidance for Consideration of gift or loan to Village of sculpture

1. Building Inspector determination concerning Village Zoning Code. The appeals provisions arise from the Building Inspector's interpretations.

§ 745-29 Enforcement by Building Inspector.

It shall be among the duties of the Building Inspector of the Village of Fox Point to see that the requirements of this chapter are met and the provisions thereof enforced insofar as lies within his power under the laws of the State of Wisconsin and the ordinances of the Village of Fox Point. Appeals from the decisions of the Building Inspector involving this chapter shall be taken to the Board of Appeals as provided for in § 62.23(7)(e), Wis. Stats., and acts amendatory thereof and supplementary thereto.

Village property is zoned as an F Institutional District. It is uncertain whether the statue installation triggers the F-District approval process because it is probably not a new use or an alteration to a use, and it is not a building. § 745-20.

2. Even if our code did not require Plan Commission involvement, it would need to go to the Plan Commission per Section 62.23(5), Stats. (which is applicable to villages per 61.35, Stats.):

(5) Matters referred to city plan commission. The council, or other public body or officer of the city having final authority thereon, shall refer to the city plan commission, for its consideration and report before final action is taken by the council, public body or officer, the following matters: The location and architectural design of any public building; the location of any statue or other memorial; the location, acceptance, extension, alteration, vacation, abandonment, change of use, sale, acquisition of land for or lease of land for any street, alley or other public way, park, playground, airport, area for parking vehicles, or other memorial or public grounds; the location, extension, abandonment or authorization for any public utility whether publicly or privately owned; all plats of lands in the city or within the territory over which the city is given platting jurisdiction by ch. 236; the location, character and extent or acquisition, leasing or sale of lands for public or semipublic housing, slum clearance, relief of congestion, or vacation camps for children; and the amendment or repeal of any ordinance adopted pursuant to this section. Unless such report is made within 30 days, or such longer period as may be stipulated by the common council, the council or other public body or officer, may take final action without it.

If it were only this statutory reason, though, note that the Plan Commission role is quite limited: The Plan Commission considers only the location. It does not consider the art itself, the advisability of the art, the terms of the installation agreement, etc. The Plan Commission, also, only makes an advisory report, and only if they do so within 30 days of the referral.






LITTLE DANCER
Pigmented and welded common steel electrostatically painted
RICHARD EDELMAN
2013
The Dubliner Bruce "The Little Dancer Aged 14" helped set the direction for all modern sculpture. It captures perfect balance. It is not a human figure as Abraham Lincoln. It is about a child, innocent and pure, taking the stage in the world. There is something in that face, what had a little girl of 14 known and seen as a dancer on the Park Street Lane continually inspired by the artist and here created my Little Dancer in many scales and colors.

www.richardedelman.com





DRAFT 5-5-20
FOR DISCUSSION ONLY
ARTWORK LOAN AND EXHIBITION AGREEMENT

This Artwork Loan and Exhibition Agreement (“Agreement”), having an effective date as of the date of the last signature hereto, is entered into by and between the Village of Fox Point, a municipal corporation (“Village”), and Richard Edelman, an individual having an address of 7630 N. Links Way (“Artist”).

Background

- A. The subject artwork is a sculpture called Little Dancer, Aged Fourteen, pictured and described in Attachment A. The Village will site the artwork on village property at a location (Site) to be agreed to by the Artist, the Village Manager, the Director of Public Works, and the Village President. If the Village Board does not approve the agreed-upon site, the Artist may terminate the agreement.
- B. Artist is the creator of and title holder to the artwork.
- C. Artist wishes to loan the Artwork to the Village, at no charge, and the Village wishes to borrow the Artwork, so that the Village may display it outdoors, year-round for the term of this Agreement, at the Site in accordance with the terms of this Agreement.

NOW, THEREFORE, the parties agree as follows:

1. Loan and License Grant

- 1.1. Loan.** Artist grants to the Village a loan of the Artwork, at no charge, subject to the terms of this Agreement.
- 1.2. Copyright Permission.** Artist grants to the Village: (a) the right to display the Artwork at the Site; and (b) the irrevocable right to use images of the Artwork in materials about or relating to the exhibition of the Artwork and/or the Site and the Village, and to allow others to do so, in all media now known or later developed and including the Internet and the World Wide Web, provided that such use shall not be for commercial purposes. This grant shall survive the termination of this Agreement.
- 1.3. Personality Rights.** Artist grants the Village the irrevocable right to use Artist’s name, photograph, likeness, and biography in connection with the Village’s exercise of the rights granted in this Agreement. The grant shall survive the termination of this Agreement.

2. **Artist's Warranties and Representations.** Artist represents and warrants that he or she: (a) is the sole creator of the Artwork; (b) is the owner of the Artwork and all of the rights under copyright in the Artwork; (c) has full authority to loan the Artwork and grant the rights provided in this Agreement. Artist further represents and warrants that nothing in the Artwork defames any person or entity, infringes any copyright, or otherwise violates the rights of any third party.
3. **Credit and Sale Information**
 - 3.1. **Credit.** The Village shall include, in conjunction with the display of the Artwork, information identifying Artist as the creator of the Artwork. Artist may indicate in Attachment A Artist's preferred form for such information.
 - 3.2. **Sale of the Artwork.** In conjunction with the credit information about the Artwork, the Village may, at Artist's request, include contact information for persons interested in purchasing the Artwork. All sales and related negotiations are the sole responsibility of Artist.
4. **Transfer, Installation, Care, and Removal of Artwork**
 - 4.1. **Condition of Artwork upon Transfer to the Village.** Artist and the Village will make mutually agreeable arrangements for the Artwork to be delivered to the Site, which shall be done at Artist's sole cost and expense. The absence of any notation on this Agreement or its attachments as to the condition of the Artwork at the time it was received by the Village shall not mean it was in good condition on receipt. Attributions, data, valuations, or price, and any other information shown on the attachments are as given by Artist unless otherwise specified.
 - 4.2. **Engineering Considerations.** The Director of Public Works will approve siting and installation only after considering—from a structural integrity and safety point of view—matters concerning soil conditions, the pedestal, anchoring, and wind load. If he deems it necessary, the Director of Public works will commission a third-party engineering study and report, the expense of which will be borne by the Artist. If the Artist, in the Artist's sole discretion, deems the cost of a third-party report excessive, the Artist may withdraw from this Agreement.
 - 4.3. **Shipping and Installation.** Artist shall arrange and pay any cost for shipping the Artwork to and from the Site, installation of the Artwork, and removal of the Artwork including all Site restoration to the satisfaction of the Village
 - 4.4. **Care of Artwork.** The Artist, at Artist's sole expense, will maintain the Artwork in the condition it is in upon delivery to the Site. The Village shall not be held responsible or liable for any failure to maintain the Artwork, regardless of

circumstances, including complete failure to maintain, and negligent maintenance. Except with the Artist's permission, the Village shall not (i) remove the Artwork from any foundation, mount, or base, or (ii) attempt repairs to the Artwork. The Village has the right to execute any emergency preservation measure without Artist's permission if such measure, in the sole discretion of the Village, is required to protect the Artwork or other property, or to protect the health and safety of the Village personnel or the public.

- 4.5. Surrender and Removal.** The Artwork will be returned only to Artist or to Artist's authorized agent or representative, or, in the event of the death of Artist, to the authorized legal representative of the estate of Artist. The Village may request removal of the Artwork at any time by sending written notice by certified mail to Artist at the address of Artist as shown in this agreement (or to the last change of address sent by Artist to the Village).

5. Duration of Loan and Term of this Agreement

- 5.1. Duration of Loan.** The term of this Agreement is for three (3) years, unless terminated earlier as described in Section 5.2, and begins on the Effective Date. The Artwork may not be removed from the Village by Artist during the term of the Agreement, except as may be otherwise mutually agreed by the parties.
- 5.2. Termination.** Either Party has a right to terminate this Agreement for convenience by giving the other Party ninety (90) days' written notice. "Termination Date" means the ninetieth (90th) day after the date of the terminating party's written notice, unless the parties mutually agree otherwise. In the event of termination, the Artist shall de-install the Artwork, remove it from the Site and fully restore the Site, including removal of any foundation or base related to the Artwork, and restoration of the Site to the satisfaction of the Village. Artist shall complete such removal within thirty (30) days of the Termination Date. Artist shall place on deposit with the Village a sum of \$500 to ensure proper restoration of the Site upon removal of the Artwork. Should the Site not be restored satisfactorily, Village may draw upon the deposit to properly restore the Site.
- 5.3. Post-Termination Rights.** If Artist does not remove the Artwork within thirty days of the Termination Date, then the Village has an absolute right to keep the Artwork at the Site or remove the Artwork and place the Artwork in storage, and in either case to charge regular storage fees and any related insurance cost, and to perfect and enforce a lien for these fees and costs. If Artist does not remove the Artwork within ninety (90) days after the Termination Date, and in consideration for the Village's storage and safeguarding of the Artwork during this period, the Artwork shall be deemed an unrestricted gift to the Village.

6. Security, Risk, and Indemnification

6.1. Security and Risk. The Village shall have no obligation to safeguard the Artwork. The Artist recognizes the Site is an outdoor location, adjacent to heavily traveled roads, open to the elements and to all manner of public access. Among the possible risks, without limitation, are risks of vandalism. Artist acknowledges and agrees that the Village will provide no security for the Artwork. Artist bears sole responsibility for obtaining and maintaining insurance for the Artwork while it is in transit to or from the Site, being installed or deinstalled, and on exhibit. Artist agrees that the value he selects for insurance purposes is the true value of the Artwork. Artist agrees to submit the Certificate of Insurance to the Village which shall name the Village as an additional insured.

6.2. Indemnification and Release. Artist agrees to indemnify, defend and hold the Village harmless from any liability (including attorney's fees and the costs of defending any actions) arising out of any claim by any individual, institution, or other person claiming full or partial title or copyright to the Artwork, or for any claims of damages or injury arising out of this Agreement. Artist accepts all risk associated with the Artwork being on display or stored at the Site, and hereby releases all claims and subrogation against the Village for any loss or damage to the Artwork, however caused.

7. Village Discretion. The Village retains sole and complete discretion regarding the Village's exercise of the rights granted in this Agreement, including but not limited to whether the Village will accept physical delivery or display of the Artwork, where the Artwork will be displayed within the Site, the manner of installation and removal of the Artwork, how long the Artwork will be exhibited (within the duration of this Agreement), and whether the Village will use in any way images of the Artwork. Artist shall not install or remove the Artwork, or modify the Artwork's display, except with the permission and in conjunction with authorized Village representatives.

8. Notices and Change of Artist's Address

8.1. Notices. All notices and communications pertaining to this Agreement may be directed as follows:

For Village of Fox Point:

Scott Botcher, Village Manager
7200 N. Santa Monica Blvd.
Fox Point, WI 53217
(414) 351-8900 (main)
(414) 351-8909 (fax)
sbotcher@villageoffoxpoint.com

For Artist:

Richard Edelman
7630 N Links Way
Fox Point WI 53217
(414) 352-7630
richarde7630@gmail.com

- 8.2. Change of Address.** It is the sole responsibility of Artist to notify the Village of any change of address. In case of death of Artist, the legal representative of Artist is requested to contact the Village in writing to provide information regarding the disposition of the Artwork and as to whom and where notices should be sent.
- 8.3. No Joint Venture.** Nothing contained in this Agreement creates a joint venture, partnership, or agency relationship between the parties.
- 8.4. Severability.** If a court of competent jurisdiction determines any Agreement provision to any extent to be invalid or unenforceable, the remainder of this Agreement will not be affected, and each remaining Agreement provision will be valid and enforceable to the fullest extent permitted by law. If any Agreement provision is capable of more than one construction, one of which would render the provision void and any other of which would render the provision valid, the provision has the meaning that renders it valid.
- 8.5. Governing Law and Venue.** The laws of the state of Wisconsin, except its conflicts of law provisions, will govern this Agreement. The venue for any action arising under this Agreement will be the state or federal courts located in Milwaukee County, Wisconsin, and each party hereby submits to the jurisdiction of those courts.
- 8.6. Headings.** The headings used in this Agreement are for convenience only and shall not be used for purposes of interpreting any provision of this Agreement.
- 8.7. Waiver.** A party's waiver of any provision, right or remedy under this Agreement must be in writing and signed by an authorized representative of the waiving party to be effective. If a party does waive any provision, right, or remedy under this Agreement, such waiver will not preclude the party from enforcing any other provision, right, or remedy. A party's failure, neglect, or delay to enforce the provisions, rights, or remedies of this Agreement will not be construed or deemed to be a waiver of such party's rights to do so and will not affect the validity or all or any part of this Agreement or prejudice such party's right to take subsequent action.
- 8.8. Entire Agreement.** This Agreement, including its attachments hereto, contains the entire agreement between the parties with respect to the subject matter, and supersedes all previous communications, representations, understandings, and agreements, either oral or written, between the parties with respect to the subject

matter. This Agreement may not be modified or amended except in writing and signed by a duly authorized representative of each party.

The parties have signed below to indicate their acceptance of the terms of this Agreement.

Dated this _____ day of _____, 20____.

Village of Fox Point

Douglas H. Frazer, Village President

ATTEST:

Kelly A. Meyer, Village Clerk/Treasurer

Dated this _____ day of _____, 20____.

ARTIST

Richard Edelman

Dated this _____ day of _____, 20____.

ATTACHMENT A
ARTWORK LOAN AND EXHIBITION AGREEMENT

Title of Artwork:

Description of Artwork:

Artist's Credit Information:

Other Data:

[attach additional sheets as needed]

ATTACHMENT B

Special Care Instructions:

Google Maps 7399 WI-32



Fox Point, Wisconsin



Street View

Lake and Bell

Image capture: Jul 2019 © 2020 Google

Google Maps 7950 WI-32



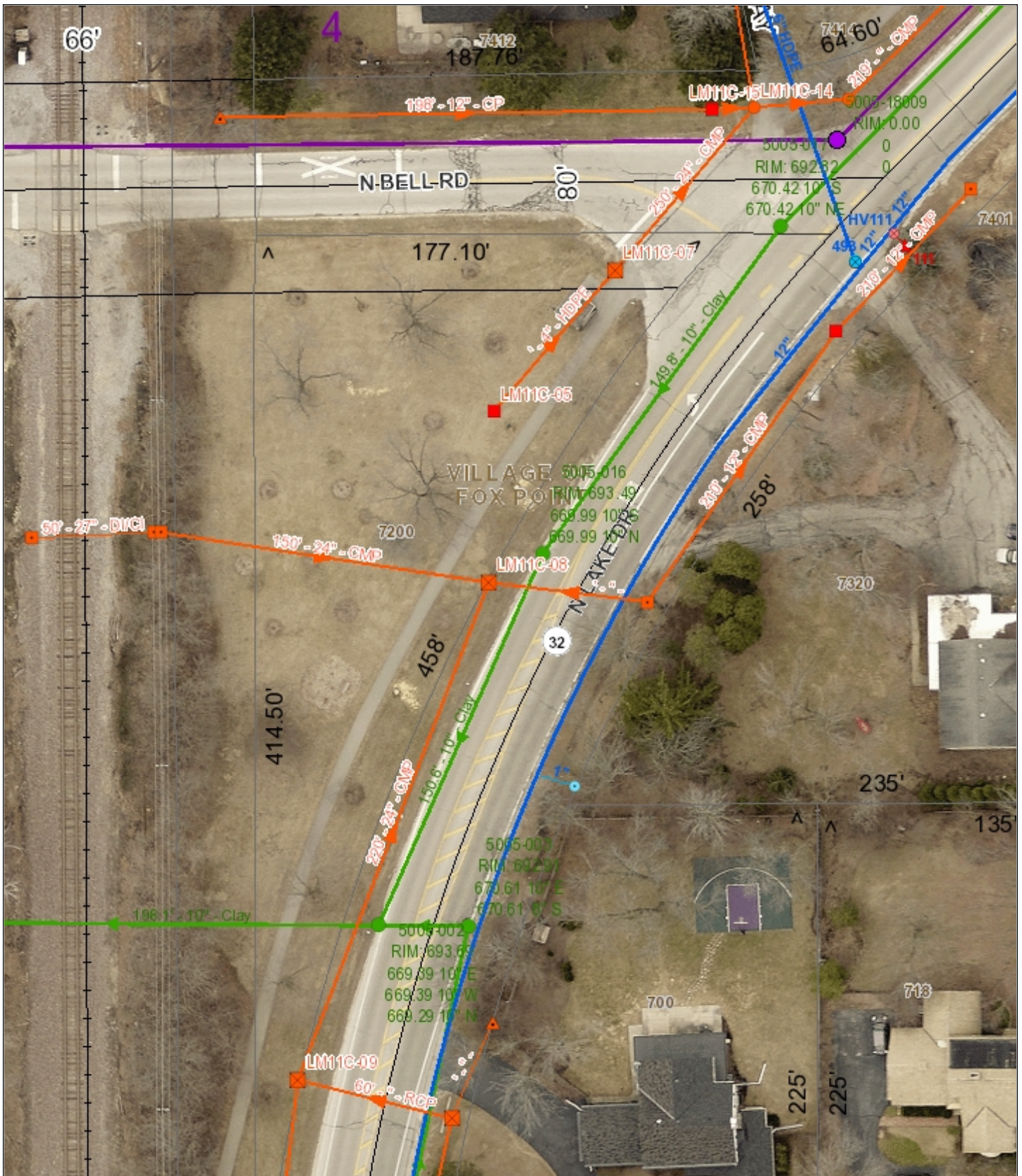
Fox Point, Wisconsin



Street View

Image capture: Jul 2019 © 2020 Google

Lake and Bradley



Little Dancer
Bell and Lake Drive



VILLAGE OF FOX POINT
7200 North Santa Monica Blvd
Fox Point, WI 53217
(414) 351-8900

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SCALE: 1" = 50'

Print Date: 6/1/2020

Little Dancer
Bradley and Lake Drive

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SCALE: 1" =



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