

City of Madison

Conditional Use

Location 734 Holy Cross Way

Project Name

Holy Cross Lutheran Building Addition

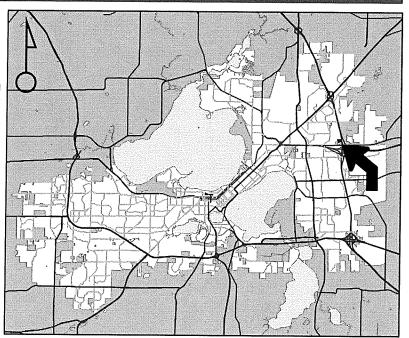
Applicant Pastor Mark Bartels, Jason Daye, Excel Engineering

Existing Use Church

Proposed Use

Construct addition to place of worship and school exceeding 10,000 sq. ft.

Public Hearing Date Plan Commission 05 June 2017

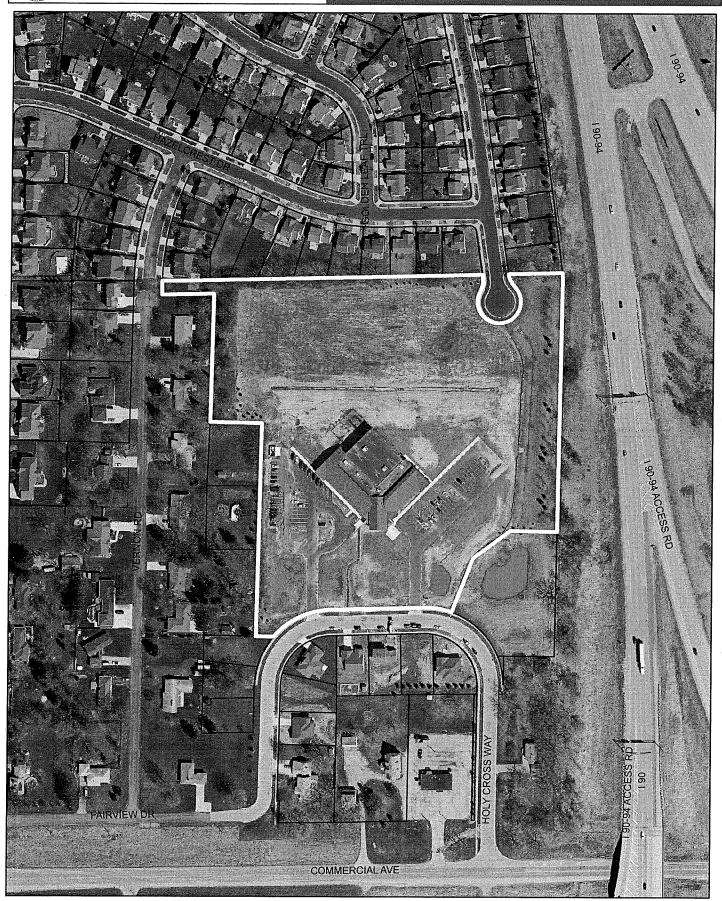


For Questions Contact: Tim Parks at: 261-9632 or tparks@cityofmadison.com or City Planning at 266-4635 HAZELORESTOR SR-C2 WINTERGREEN DR \$R-C2 SR-C1 SR-C1 CN Town of Burke 90 FAIRVIEW DR COMMERCIAL AVE Α

Scale: 1" = 400'



City of Madison



Date of Aerial Photography: Spring 2016

Street address Telephone



FF ZZ	Coning Office a This completed applications fo ubdivisions or iled using the he City's web	pplications must be filed with the at the above address. I form is required for all r Plan Commission review except land divisions, which should be Subdivision Application found on	Date received Received by Parcel # Aldermanic district Zoning district	Receipt # 029191-0006 4/19/17
	•	ation 734 Holy Cross Way		
Т	itle: _	Holy Cross Lutheran Building Addition		
	Zoning Major Am Major Am Review of Conditional		opment-General Develor opment-Specific Implem (by Plan Commission)	
3. A	pplicant, Age	nt and Property Owner Information		
A	pplicant nam		CompanyHoly Cros	ss Lutheran Church
S	treet address	2670 Milwaukee Street	City/State/Zip <u>Madis</u>	son, WI 53704
To	elephone	608-249-3101	Email <u>mbartels@hol</u>	ycrossmadison.org
P	roject contact	person Jason Daye	Company _Excel Eng	gineering, Inc.
S	treet address	100 Camelot Drive	City/State/Zip <u>Fond</u>	du Lac, WI 54935
Te	elephone	920-926-9800	Email jason.d@excel	engineer.com
P	roperty owne	r (if not applicant) Same as applicant		
St	treet address		City/State/Zip	

requirement or waive the pre-application notification requirement altogether. Evidence of the pre-application notification is required as part of the application materials. A copy of the notification letters or any correspondence granting a waiver is required as part of the application materials.

The applicant attests that this form is accurately completed and all required materials are submitted:

Name of applicant Pastor Mark Barto	els	Relationship to property	Owner	
Authorizing signature of property owner	Porto Mul Ba	Date	3/30/17	

April 18, 2017

City of Madison 215 Martin Luther King Jr. Blvd. Madison, WI 53701-2985

Attn: Kevin Firchow

Re: Holy Cross Lutheran Church Building Addition - Letter of Intent

Mr. Firchow,

The following is a brief Narrative of the proposed project for Holy Cross Lutheran Church on Holy Cross Way.

Holy Cross Lutheran Church is requesting approval of a building addition totaling 13,660s.f. with a canopy and new drive up entrance. The 12.29 acre site is located at 734 Holy Cross Way in Madison, Wisconsin. Excel Engineering is acting as the architect and engineers for the project. Catalyst Construction will perform the construction. Below is the contact information each party.

Land Owner: Holy Cross Lutheran Pastor Mark Bartels P: 602.249.3101 2370 Milwaukee St Madison, WI 53704

Contractor: Catalyst Construction Contact: Jeff Wheeler P: 414.727.6840 833 E. Michigan St Milwaukee, WI 53202 Architect/Engineer
Excel Engineering, Inc.
Engineer: Elizabeth LeRoy
P: 920.322.1692
Architect: David Vanden Avond
P: 920.322.1674
100 Camelot Drive
Fond du Lac, WI 54935

The existing site was recently developed with a school, gymnasium, and a temporary worship space with plans to provide a building expansion to house the permanent sanctuary in the near future. The existing site provides 86 parking stalls located on the eastern and western sides of the existing 29,812s.f. building. Two drive entrances off of Holy Cross Way provides access to the site. In addition to the sanctuary addition, the existing site was developed with plans to provide two additional building additions off of the existing structure.

The proposed building addition will provide a large worship space along with a conference room, gathering space, and fireside room. The building addition exterior materials will be cohesive with the existing structure. A drop off lane will be provided under the canopy of the west side of the building near the main entrance. Two pedestrian sidewalks will be extended from the site to the public sidewalk along Holy Cross Way. In addition to the existing 86 parking stalls onsite, 14 bike stalls will be

ARCHITECTS · ENGINEERS · SURVEYORS

provided. Additionally, site landscaping will be provided to enhance the overall site appearance.

Existing Site Data						
	Area (ac)	Area (sf)	Ratio			
Project Site	12.29	535,428				
Building Floor Area	0.68	29,812	5.6%			
Pavement	1.60	69,540	13.0%			
Total Impervious	2.28	99,352	18.6%			
Landscape/Open Space	10.01	436,076	81.4%			
Proposed	d Site Data					
	Area (ac)	Area (sf)	Ratio			
Project Site	12.29	535,428				
Building Floor Area	1.00	43,472	8.1%			
Pavement	1.69	73,554	13.7%			
Total Impervious	2.69	117,026	21.9%			
Landscape/Open Space	9.61	418,402	78.1%			

A regional stormwater management pond located to the east of the site was designed to include the proposed development and provides water quality and peak discharge reduction. The regional pond does not provide infiltration therefore, the original site design provides two biofiltration basins to meet this requirement. The biofiltration basins are located on the north and southeastern corner of the site and were sized to include all future developments. All post construction stormwater management requirements are met. The storm sewer was designed per DCOMM requirements and using Manning's Equation. The basin map, DCOMM calculations, and pipe sizing schedule is enclosed for reference.

The construction for the development is planned to commence on August 1, 2017 and completed by July 21, 2018. The estimated project cost is \$3,000,000.

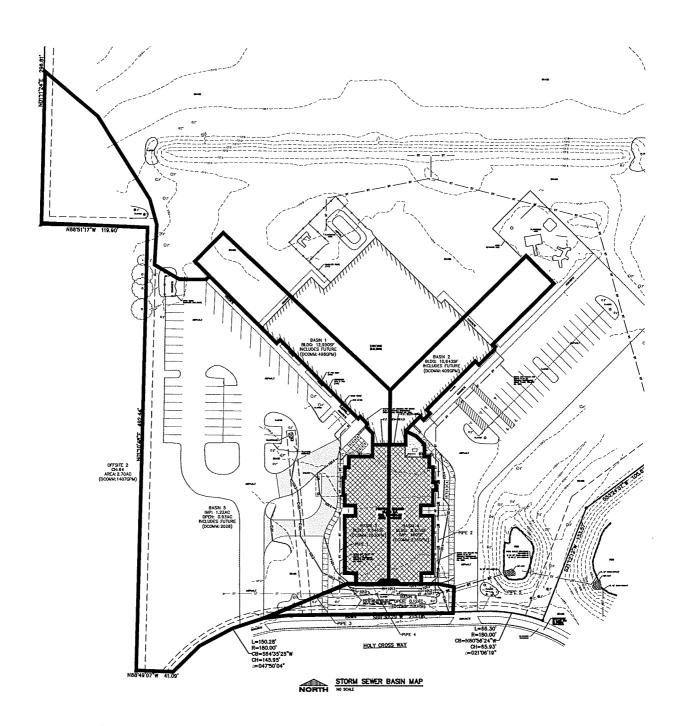
If you have any questions or need any additional information please contact me at any time.

Sincerely,

Excel Engineering, Inc.

Elinabeth Lifax

Elizabeth LeRoy



Basin	1	2	3	4	5	6	Offsite 2
Bldg Area (ac)	12950	10643	6846	6811	0	0	9583
Imp Area (ac)	0	0	0	460	53255	0	0
Open Area (ac)	0	0	0	0	40471	5392	108028
DCOMM GPM	498	409	263	276	2028	52	1407

Basin	Sized Per	Discharge (gpm)	Discharge (cfs)
1	DCOMM	498	1.11
2	DCOMM	409	0.91
3	DCOMM	263	0.59
4	DCOMM	276	0.61
5	DCOMM	2028	4.52
6	DCOMM	52	0.12
Offsite 2	DCOMM	1407	3.14

All basins includes future

Pipe	Basin's to pipe	Size	Slope	Total Flow (gpm)	Total Flow (cfs)	Pipe Capacity (gpm)	Pipe Capacity (cfs)
1	1,3	10	0.50%	761	1.70	930	2.07
2	4	8	1.00%	276	0.61	595	1.33
3	5, offiste 2	18	0.70%	3435	7.65	4273	9.52
4	1,3,5, offsite 2	18	0.70%	4196	9.35	4273	9.52
5	1,2,3,4,5,6, offsite 2	24	0.56%	4933	10.99	8007	17.84

PROPOSED BUILDING ADDITION FOR: **HOLY CROSS LUTHERAN**

MADISON,

PLAN SPECIFICATIONS (BASED ON CSI FORMAT)

LEGEND

			··· ·
[000.00]	PROPOSED SPOT ELEVATIONS (FLOW LINE OF CURB UNLESS OTHERWISE SPECIFIED)	*	EXISTING CONIFEROUS TREE
[200 00]		8	EXISTING SHRUB
000.00	TR PROPOSED SPOT ELEVATIONS BR (TOP OF RETAINING WALL, TOP OF SU AT BOTTOM OF WALL)	JRFACE GRADE	EXISTING STUMP
000.00		₽.	SOIL BORING
000.00	BC (TOP OF CURB, BOTTOM OF CURB)	0	EXISTING WELL
000.00	TW PROPOSED SPOT ELEVATIONS BW (TOP OF WALK, BOTTOM OF WALK)	8	PROPOSED WELL
0	EXISTING WATER VALVE IN BOX	ф	EXISTING LIGHT POLE
8	PROPOSED WATER VALVE IN BOX	-	EXISTING SIGN
3	EXISTING WATER VALVE IN MANHOLE	Q.	CENTER LINE
×	EXISTING WATER SERVICE VALVE	<u>.</u>	EXISTING HANDICAP PARKING STALL
①	EXISTING TELEPHONE MANHOLE	ě.	PROPOSED HANDICAP PARKING STALL
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III	EXISTING SQUARE CATCH BASIN		EXISTING WOODED AREA
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-	PROPOSED CURB INLET		EXISTING CHAINLINK FENCE
ø	EXISTING UTILITY POLE		EXISTING WOOD FENCE
ø→	EXISTING UTILITY POLE WITH GUY WIRE	***************************************	EXISTING BARBED WIRE FENCE
~	EXISTING STREET LIGHT		PROPERTY LINE
_	ENSTRING STREET COTT		EXISTING GUARD RAIL
m	EXISTING TELEPHONE PEDESTAL	st	EXISTING STORM SEWER AND MANHOLE
©	EXISTING ELECTRIC PEDESTAL		PROPOSED STORM SEWER AND MANHOLE
\bowtie	EXISTING ELECTRIC BOX		EXISTING SANITARY SEWER AND MANHOLE
0	EXISTING CABLE TV PEDESTAL		PROPOSED SANITARY SEWER AND MANHOLE
<u> </u>	THE SHOEL IV LEBESINE		EXISTING WATER LINE AND HYDRANT
\longrightarrow	PROPOSED DRAINAGE FLOW	—— w **	PROPOSED WATER LINE AND HYDRANT
=	1-1/4" REBAR SET WEIGHING 4.30 LB/FT.	ou	EXISTING OVERHEAD UTILITY LINE
•	3/4" REBAR SET	FO	EXISTING UNDERGROUND FIBER OPTIC LINE
	WEIGHING 1.50 LB/FT.	ε	EXISTING UNDERGROUND ELECTRIC CABLE
	1-1/4" REBAR FOUND	— T —	EXISTING UNDERGROUND TELEPHONE CABLE
0	3/4" REBAR FOUND	c	EXISTING UNDERGROUND GAS LINE
6	2" IRON PIPE FOUND		PROPOSED CURB AND GUTTER
•	1" IRON PIPE FOUND	2000/40	EXISTING CURB AND GUTTER
€	EXISTING FLOOD LIGHT		GRADING/SEEDING LIMITS
�	SECTION CORNER		RIGHT-OF-WAY LINE
>'s	PROPOSED APRON ENDWALL		PROPERTY LINE RAILROAD TRACKS
A	EXISTING MARSH AREA		HOLDIOND INNONS
\odot	EXISTING DECIDUOUS TREE		EXISTING GROUND CONTOUR
	WITH TRUNK DIAMETER	800	PROPOSED GROUND CONTOUR

CONSTRUCTION STAKING SERVICES

CONSTRUCTION STAKING SHALL BE COMPLETED BY EXCEL ENGINEERING AS REQUESTED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. CONTRACTOR TO CONTACT RYAN WILGREEN AT 920-926-9800 TO GET STAKING PRIGE TO INCLUDE IN BID TO OWNER. PAYMENT OF STAKING COSTS ABOVE AND BEYOND THE BASE PRICE DUE TO RESTAKING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR, NOT THE OWNER. CAD DRAWING FILES AND SURVEY CONTROL, WILL NOT BE PROVIDED FOR STAKING PURPOSES.

GENERAL PROJECT NOTES

- ALL DRIVEWAYS AND CURB CUTS TO BE CONSTRUCTED ACCORDING TO LOCAL ORDINANCES. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL WORK IN ROW PERMITS.

CIVIL SHEET INDEX

SHEET	SHEET TITLE	
C1.0	CIVIL COVER AND SPECIFICATION SHEET	
C1.1	EXISTING SITE AND DEMOLITION PLAN	
C1.2A	SITE PLAN - OVERALL	
C1.2B	SITE PLAN	
C1.3	GRADING AND EROSION CONTROL PLAN	
C1.4	UTILITY PLAN	
C1.5	FIRE PROTECTION PLAN	
C1.6	DETAILS	
L1.0	LANDSCAPE PLAN	
L1.1	LANDSCAPE PLAN	
L1.2	LANDSCAPE DETAILS	
PXP1	SITE PLAN - PHOTOMETRIC	
PXP2	LIGHT FIXTURE CUT SHEETS	



WISCONSIN

31 10 00 SITE CLEARING (DEMOLITION)

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- OF MIBIT RECURRENTS. THE DESIGN ENGINEER SHULL PREPARE ALL PROSENCIACHTROL PLANTO DEET IN 15.105 CONSTRUCTION SITE PERFORMANCE STANDARDS FOR NOXI-PERMITTED SITES.

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PROJECT LOCATION MAP

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DIVISION 33 LITILITIES

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 AND VERBY PROPOSED UTILITY ROUTES ARE CLEAR (PER CODE) OF ALL EXSTING UTILITIES AND OTHER OBSTRUCTIONS RIGHT TO CONSTRUCTION. COSTS ROUTHED FOR FAILURE TO DO.
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	CONSTRUCTION SEQUENCE						
PHASE	TYPE OF ACTION						
1. PRE-CONSTRUCTION	1. CONTRACTOR TO CALL DIGGERS HOTUNE AT A MINIMUM OF 3 DAYS PRIOR TO CONSTRUCTION.						
ACTION	2. PLACE ALL SILT FENCE.						
	3. CONSTRUCT TRACKING STONE ENTRANCES AND ANY TEMPORARY CONSTRUCTION ROADWAYS AS REQUIRED.						
	4. CONSTRUCT PERMANENT STORMWATER CONVEYANCE SYSTEMS.						
	5. CONSTRUCT ANY TEMPORARY STORMWATER CONVEYANCE SYSTEMS AS NEEDED.						
	6. STABILIZE ALL TEMPORARY AND PERMANENT EROSION CONTROL AND STORMWATER CONVEYANCE SYSTEMS BEFORE TOPSOIL CAN BE STRIPPED						
2. CONSTRUCTION	1. SITE DEMOUTION AS REQUIRED.						
ACTION	2. STRIP AND RELOCATE TOPSOIL TO THE DESIGNATED TOPSOIL STOCKPILE, LOCATION BY OWNER.						
	3. BEGIN MASS EARTH WORK FOR THE BUILDING PAD AND PAVEMENT AREAS.						
	4. CONSTRUCT ANY REMAINING STORMWATER CONVEYANCE SYSTEMS, AND INSTALL ALL OTHER UTILITIES ON SITE.						
	5. DIG AND POUR ALL BUILDING FOOTINGS.						
	6. PLACE GRAVEL FOR ALL PROPOSED PAVEMENT AREAS.						
	7. TOPSOIL, SEED, AND MULCH ALL DISTURBED AREAS OUTSIDE THE BUILDING AND PROPOSED PAYEMENT AREAS.						
	8. CONSTRUCT BUILDING ADDITION,						
	9. PAVE DRIVEWAYS AND PARKING AREAS.						
	10. TOPSOIL, SEED, AND MULCH ALL OTHER DISTURBED AREAS. PLACE EROSION MATTING.						
3. POST CONSTRUCTION	1. CONTRACTOR TO REMOVE TEMPORARY EROSION CONTROL MEASURES UPON SITE STABILIZATION.						
ACTION							

CONTRACTOR TO FOLLOW THE EROSION CONTROL SPECIFICATIONS FOR CONSTRUCTION EROSION CONTROL INSPECTION AND MAINTENANCE.



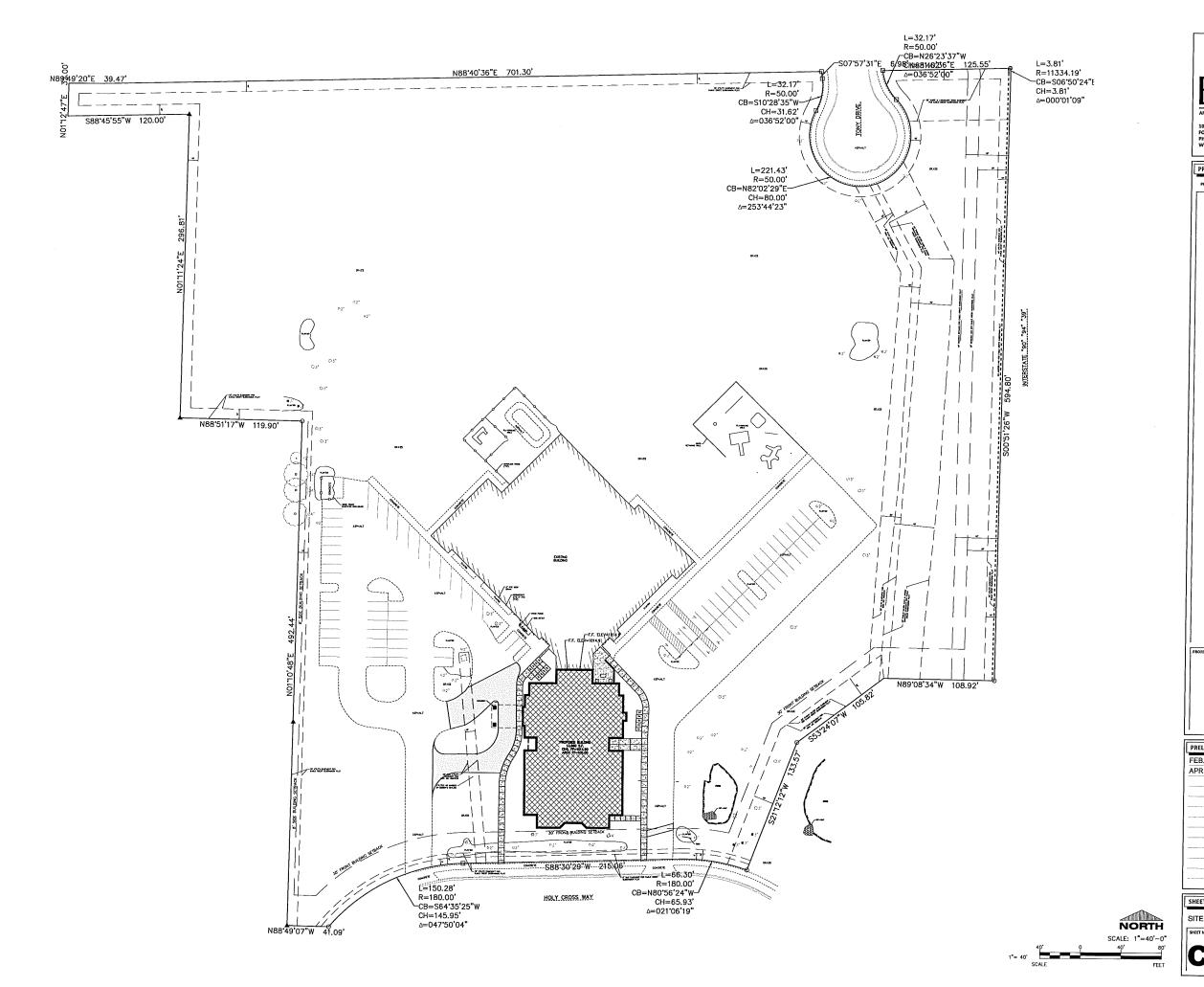
PROJECT INFORMATION 1626620

LUTHERAN MADISON, WI

ADDITION BULDING S CRO OLY 734 HOLY

38777-006

CIVIL COVER AND SPECIFICATION SHEET



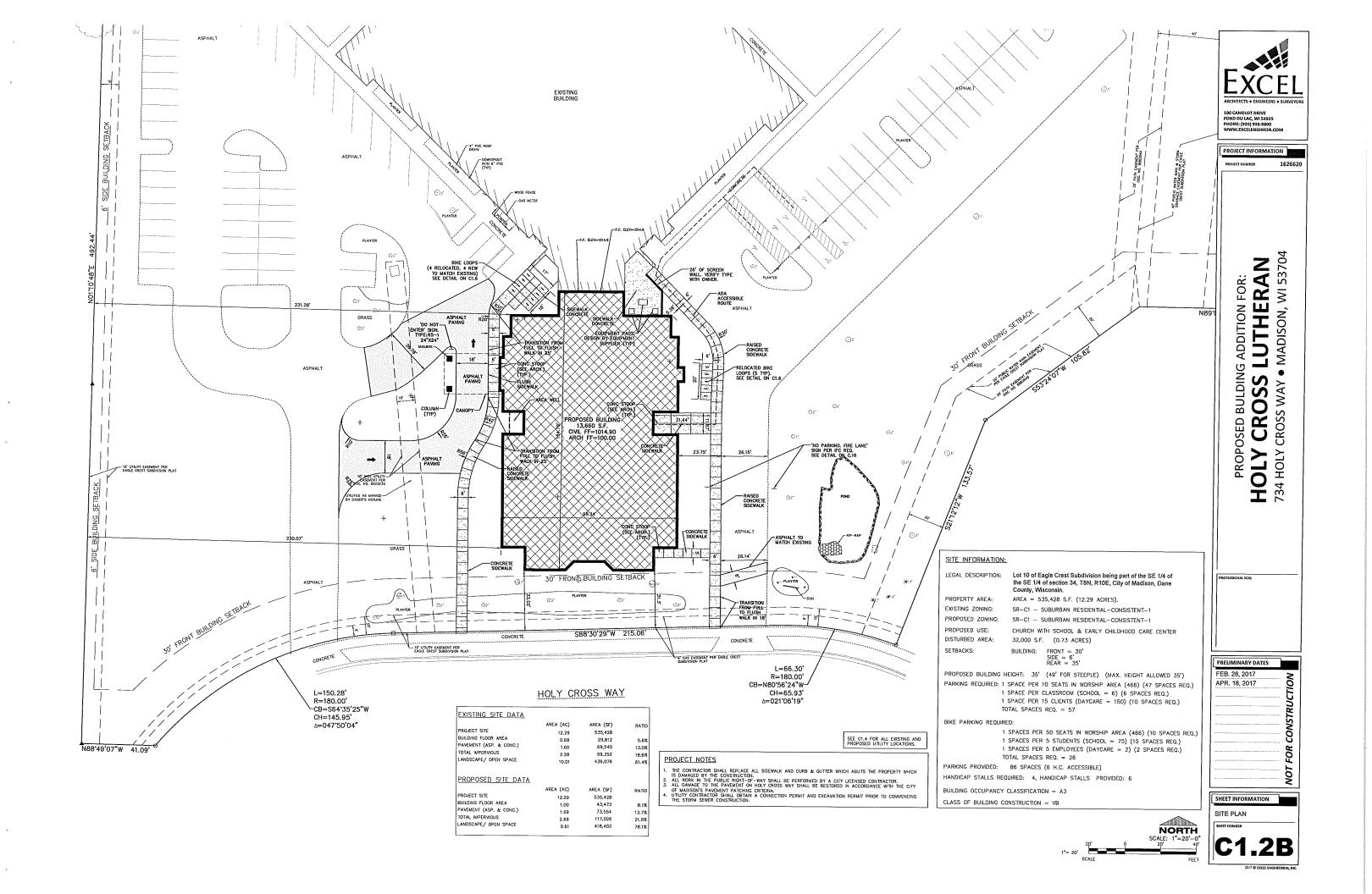


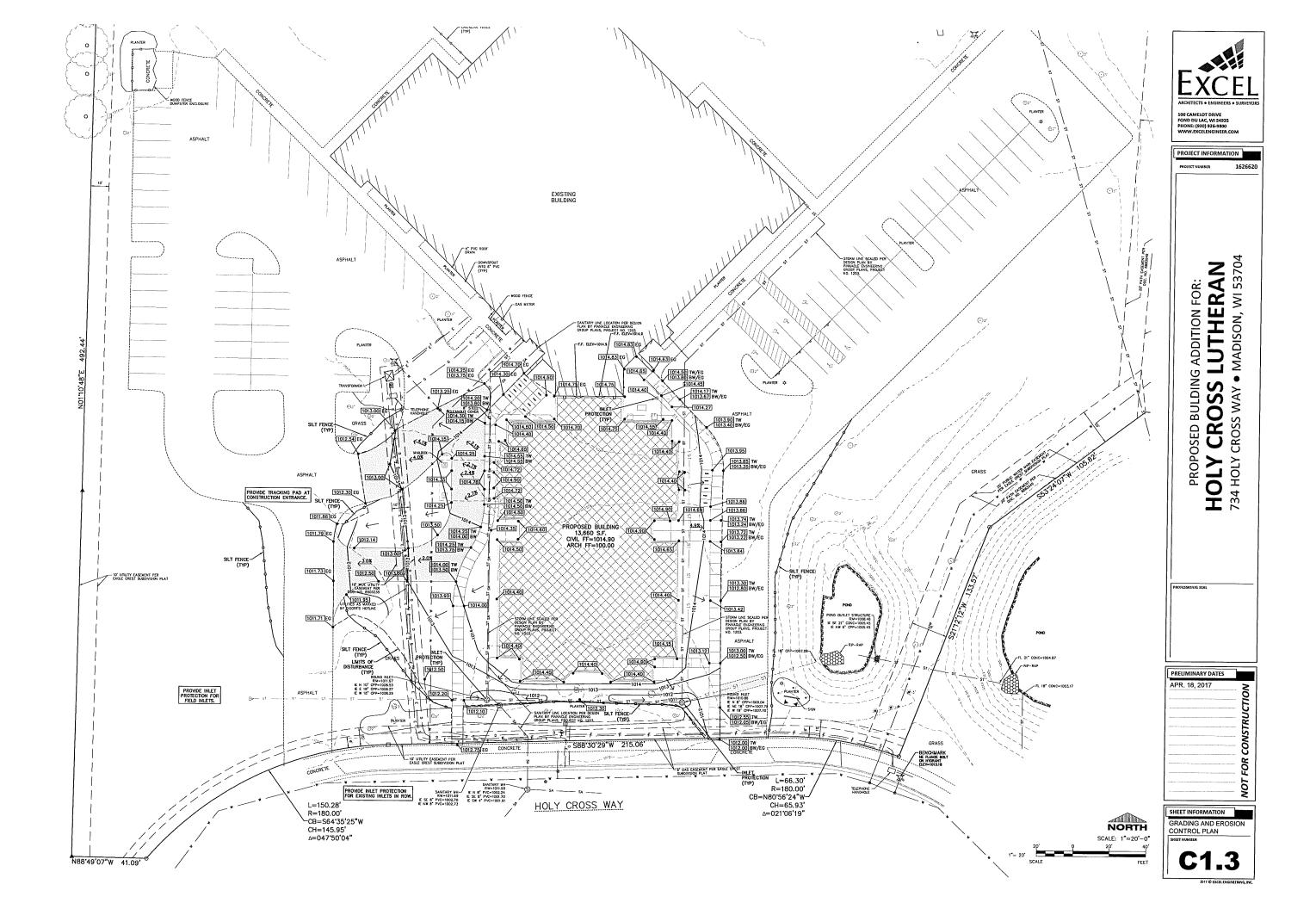
PROJECT INFORMATION 1626620

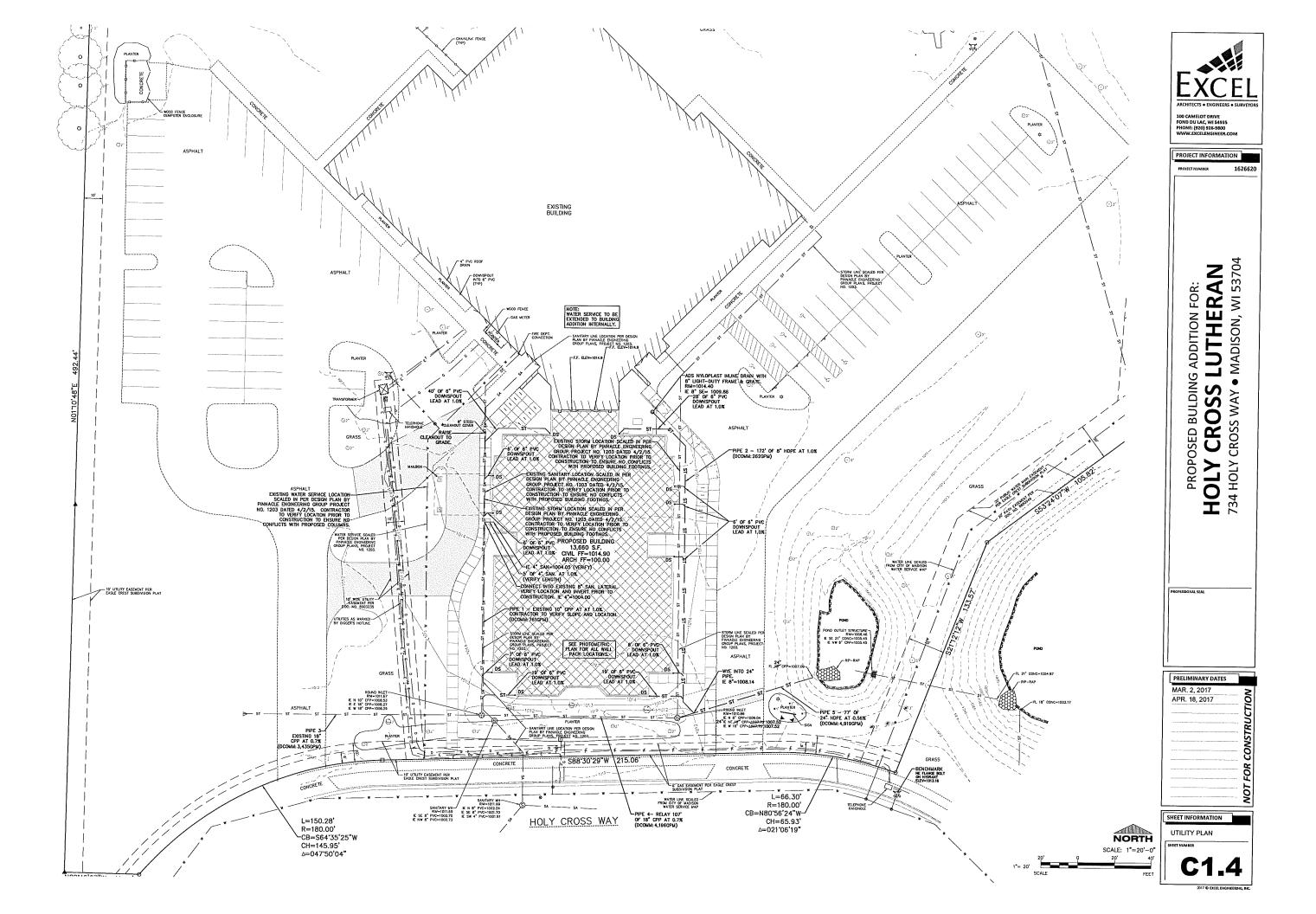
PROPOSED BULDING ADDITION FOR:
HOLY CROSS LUTHERAN
734 HOLY CROSS WAY • MADISON, WI 53704

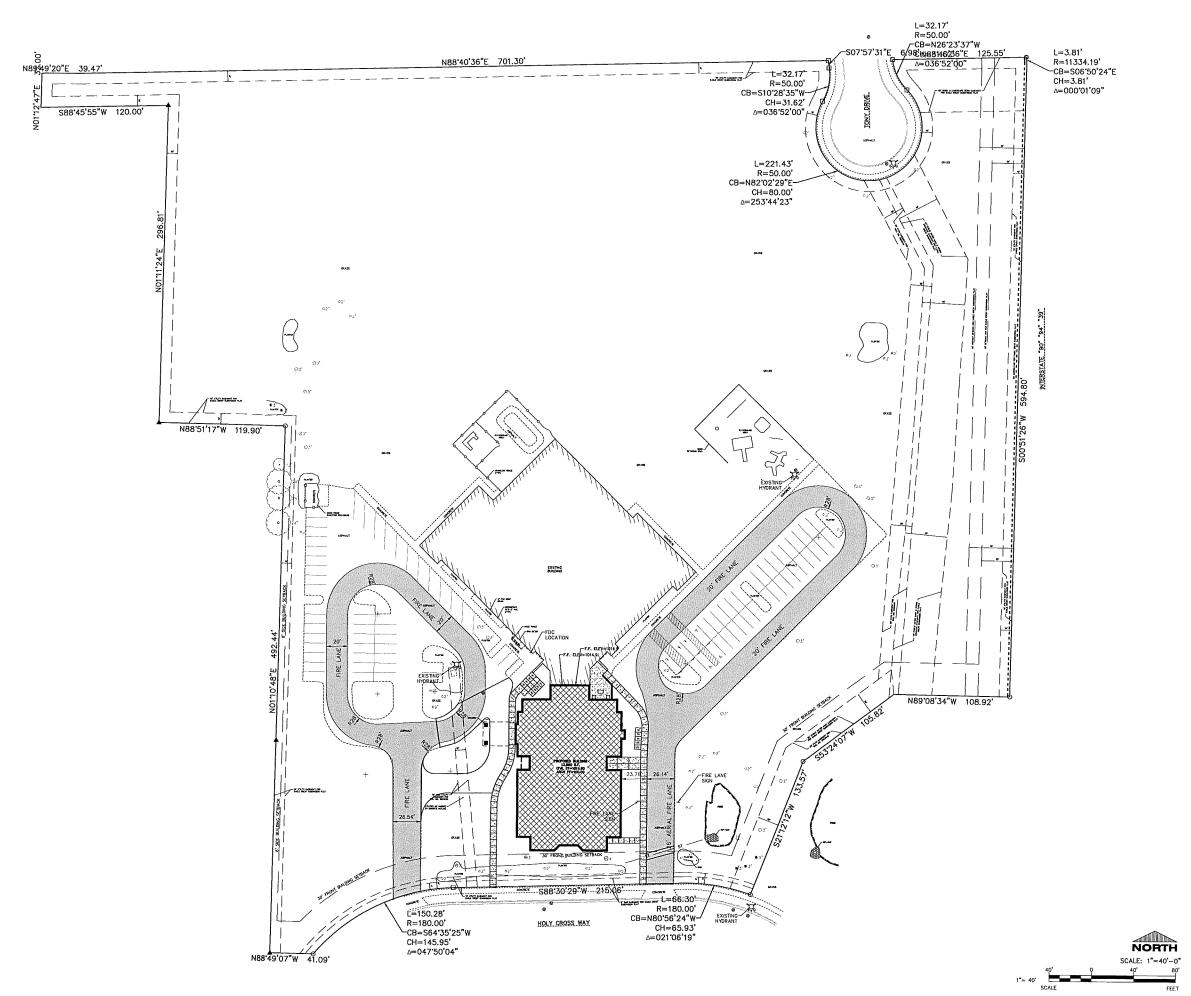
PRELIMINARY DATES FEB. 28, 2017 APR. 18, 2017

SHEET INFORMATION SITE PLAN - OVERALL







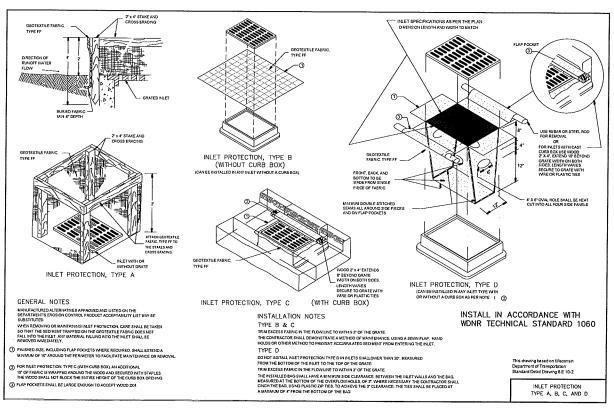


PROJECT INFORMATION 1626620

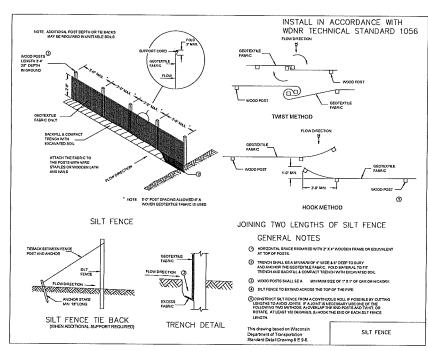
PROPOSED BULDING ADDITION FOR:
HOLY CROSS LUTHERAN
734 HOLY CROSS WAY • MADISON, WI 53704

PRELIMINARY DATES FEB. 28, 2017 NOT FOR CONSTRUCTION APR. 18, 2017

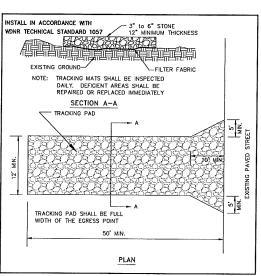
SHEET INFORMATION FIRE PROTECTION PLAN



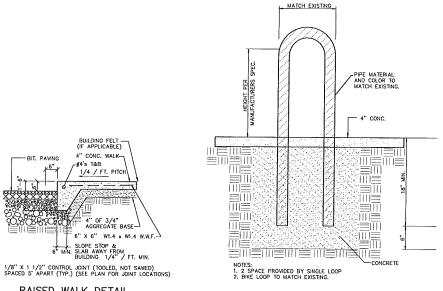
INLET PROTECTION DETAILS



SILT FENCE - INSTALLATION DETAIL



TRACKPAD DETAILS



BUILDING FELT — (IF APPLICABLE)

4" CONC. WALK--#4's T&B

1/4 / FT. PITCH

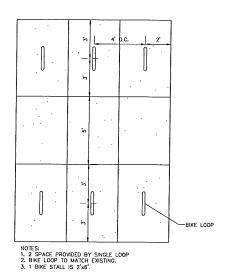
SLOPE STOP &
6 MIN. SLAB AWAY FROM
BUILDING 1/4" / FT. MIN

RAISED WALK DETAIL

NO PARKING

FIRE LANE SIGNAGE DETAIL

SINGLE LOOP BIKE RACK NO SCALE

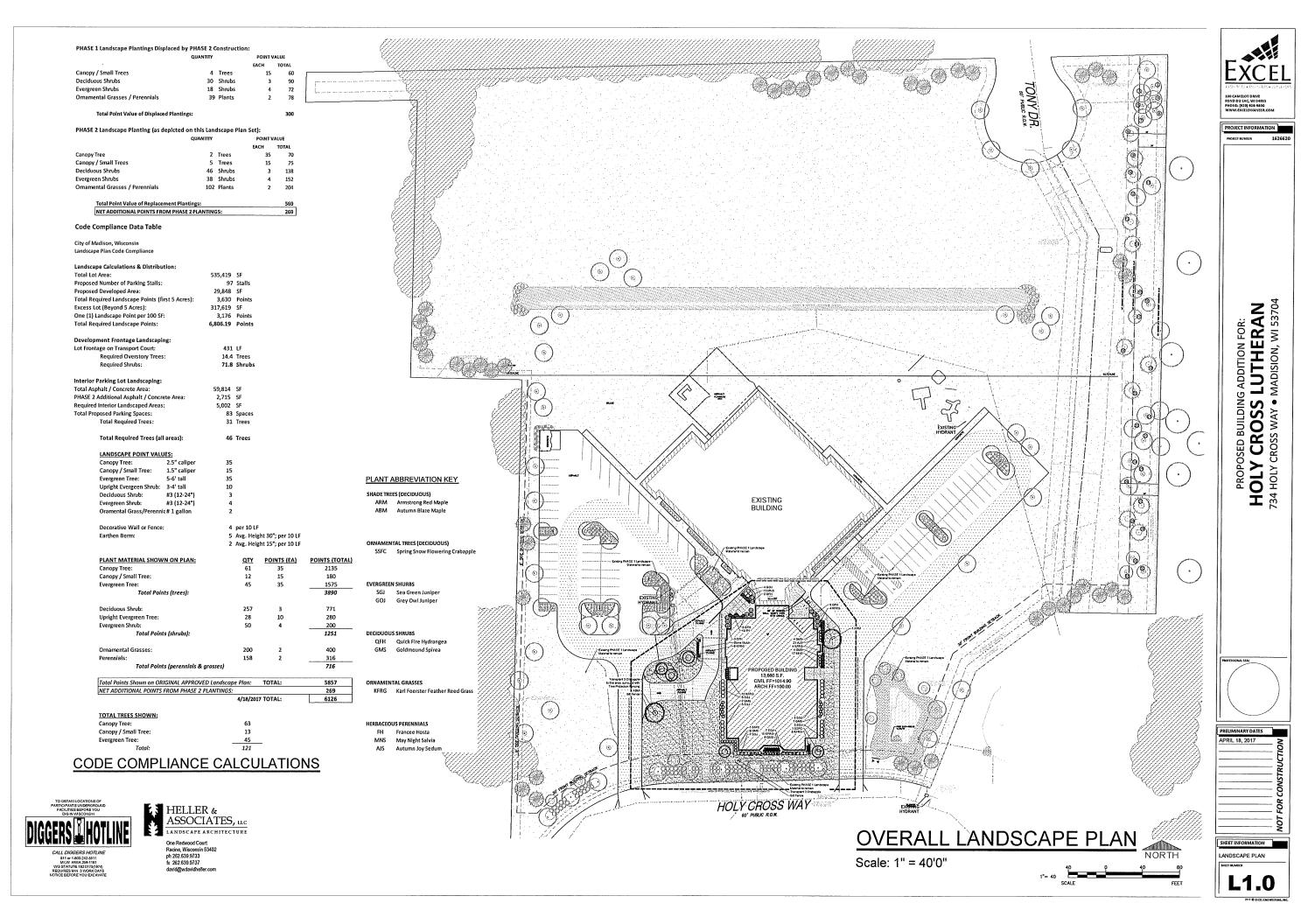


TYPICAL BIKE STALL LAYOUT NO SCALE



PRELIMINARY DATES APR. 18, 2017

SHEET INFORMATION	
DETAILS	
SHEET NUMBER	
C1.6)





ARM Armstrong Red Maple ABM Autumn Blaze Maple

SSFC Spring Snow Flowering Crabapp

GOJ Grey Owl Juniper

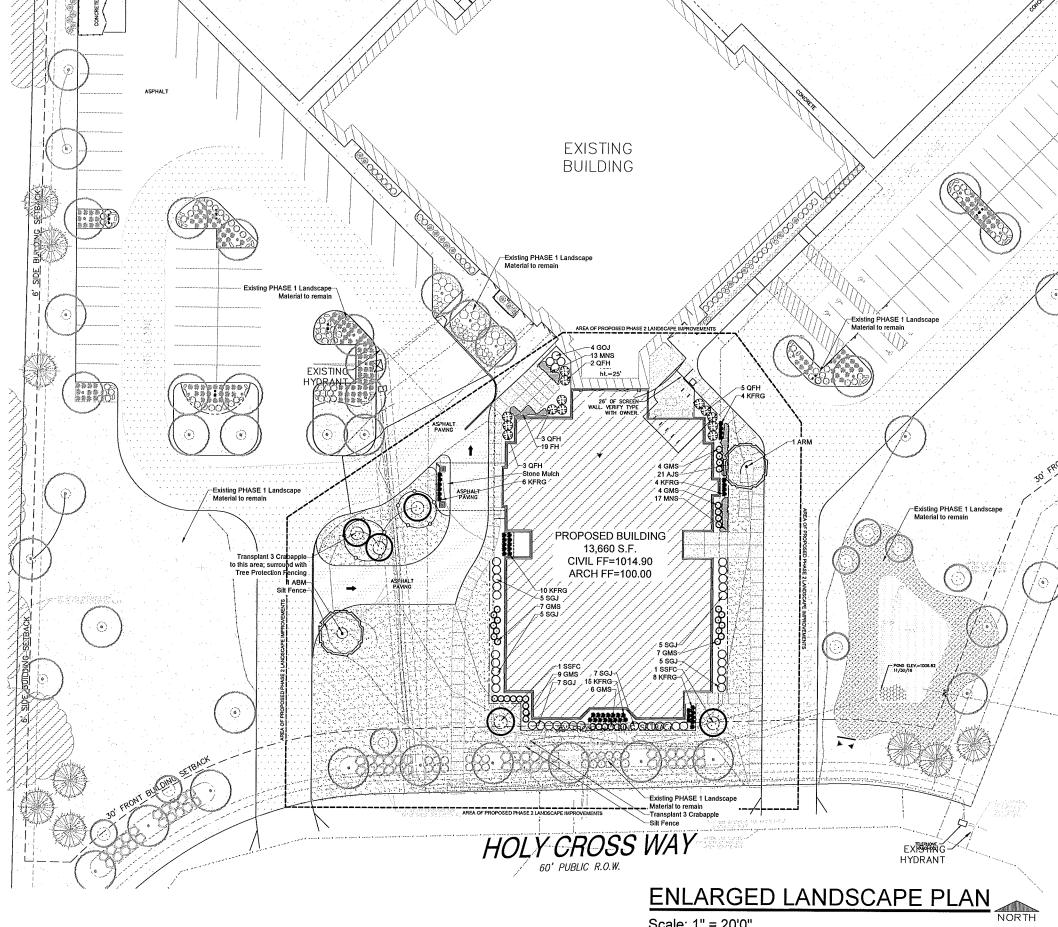
QFH Quick Fire Hydrange GMS Goldmound Spirea

HERBACEOUS PERENNIALS

Francee Hosta May Night Salvia

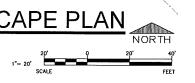
AJS Autumn Joy Sedum

PLANT ABBREVIATION KEY





One Redwood Court Racine, Wisconsin 53402 ph 262.639.9733 fx 262.639.9737 david@wdavidheller.com



Scale: 1" = 20'0"



HYDRANT

PROJECT NUMBER 1626620

PROPOSED BUILDING ADDITION FOR:
HOLY CROSS LUTHERAN
734 HOLY CROSS WAY • MADISION, WI 53704





LANDSCAPE PLAN L1.1 1. Contractor responsible for contacting Diggers Holline (811 or 800-242-8511) to have site marked prior to excavation or planting

Per 100 SF of bed area (Soil Amendment composition): 3/4 CY Peat Moss or Mushroom Compost

In roto-tilled beds only, also include in above mixture:

2 Ibs Starter Fertilizer

An acceptable quality seed installation is defined as having: No bare spots larger than one (1) square foot

A uniform coverage through all turf areas

No more than 10% of the total area with bare areas larger than one (1) square foot

3/4 CY blended/pulverized Topsoil

depth of approximately 8"-10". Containerized and balled & burlapped plant material should be back-filled with amended soil:

2. Contractor to verify all plant quantities shown on Plant & Material List and landscape planting symbols and report any discrepancies to Landscape Architect or

3. All plantings shall comply with standards as described in American Standard of Nursery Stock - Z60.1 ANSI (latest version). Landscape Architect reserves the right to inspect, and potentially reject any plants that are inferior, compromised, undersized, diseased, improperly transported, installed incorrectly or damaged. No sub-standard "B Grade" or "Park Grade" plant material shall be accepted. Plant material shall originate from nursery(ies) with a similar climate as

4. Any potential plant substitutions must be approved by Landscape Architect or Owner. All plants must be installed as per sizes indicated on Plant & Material Schedule, unless approved by Landscape Architect. Any changes to sizes shown on plan must be submitted in writing to the Landscape Architect prior to

10. Edging: All planting beds shall be edged with a 4" deep spade edge using a flat landscape spade or a mechanical edger. Bedlines are to be cut crisp, smooth as per plan. A clean definition between landscape beds and lawn is required. Pack mulch against lawn edge to hold in place.

11. Plant bed preparation/Soil Amendment composition: All perennial, groundcover and annual areas (if applicable) are required to receive a blend of organic soil (Soil Amendments) amendments prior to installation. Roto-till the following materials at the following ratio, into existing soil beds or installed topsoil beds to a

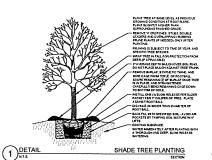
12. Installation preparation for all seeded areas: remove/kill off any existing unwanted vegetation prior to seeding. Prepare the topsoil (if adequate or provide as in item #6 above) and seed bed by removing all surface stones 1" or larger. Apply a starter fertilizer (20-10-5, or approved comparable) and specified seed uniformly at the specified rate, and provide mulch covering suitable to germinate and establish turf. Provide seed and fertilizer specifications to Landscape Architect and Owner prior to installation. Erosion control measures are to be used in swales and on slopes in excess of 1:3 and where applicable (see Civil Engineering Drawings). Methods of installation may vary are the discretion of the Landscape Contractor on his/her responsibility to establish and guarantee a smooth, uniform, quality turf. A minimum of 2" of blended, prepared and non-compacted topsoil is required for all lawn areas. If straw mulch is used as a mulch covering, a tackifier may be necessary to avoid wind dispersal of mulch covering. Marsh hay containing reed canary grass is NOT acceptable as a mulch

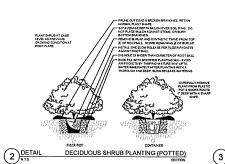
13. Warranty and Replacements: All plantings are to be watered thoroughly at the time of planting, through construction and upon completion of project as required. Trees, Evergreens, and Shrubs (deciduous and evergreen) shall be guaranteed (100% replacement) for a minimum of one (1) year from the date of project completion. Perennials, groundcovers, and ornamental grasses shall be guaranteed for a minimum of one (1) growing season. Perennials, groundcovers, and ornamental grasses planted after September 15th shall be guaranteed through May 31st of the following year. Only one replacement per plant will be required during the warranty period, except for losses or replacements due to failure to comply with specified requirements. Watering and general ongoing maintenance instructions are to be supplied by the Landscape Contractor to the Owner upon completion of the project.

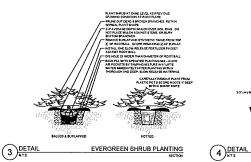
14. The Landscape Contractor is responsible for the watering and maintenance of all landscape areas for a period of 45 days after the substantial completion of

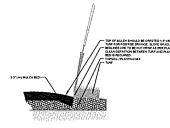
the landscape installation. This shall include all trees, shrubs, evergreens, perennials, ornamental grasses, turf grass, no-mow grass, and native prairie seed mix / stormwater seed mix. Work also includes weeding, edging, mulching (only if required), fertilizing, trimming, sweeping up grass clippings, pruning and

15. Project Completion: Landscape Contractor is responsible to conduct a final review of the project, upon completion, with the Landscape Architect, Client or Owner / Client Representative, and the General Contractor to answer questions, provide written care instructions for new plantings and turf, and insure that all specifications have been met.



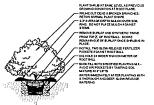


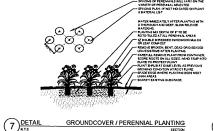


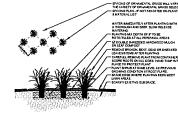


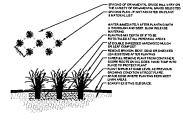




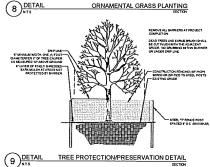








SPADE EDGE PLANT BED EDGE DETAIL



5 DETAIL STONE MAINTENANCE DRIP EDGE DETAIL
SECTION

6 DETAIL DECIDUOUS SHRUB PLANTING (B&B)

LANDSCAPE & HARDSCAPE DETAILS

	IL./ \11 \						
5. Topspoil in Parking Lot Islands (if applicable): All parking lot islands to be backfilled with topsoil to a minimum depth of 18" to insure long-term plant health.							
Topsoil should be placed within 3" of finish grade by General Contractor / Excavation Contractor during rough grading operations/activity. The landscape	PLANT		PLANT MATERIAL PROPOSED		CAUPER	TT	V-100
contractor shall be responsible for the fine grading of all disturbed areas, planting bed areas, and lawn areas. Crown all parking lot islands a minimum of 6" to	KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPECIFICATION / NOTES
provide proper drainage, unless otherwise specified.	Proposed	Landscape Co	enstruction Preparation		-		
6. Tree Planting: Plant all trees slightly higher than finished grade at the root flare. Remove excess soil from the top of the root ball, if needed. Remove and	TRANS	3	Transplant Existing Ornamental Flowering Tree	es (Crabappie)	6-7*		SEE OVERALL LANDSCAPE PLAN FOR AREA OF REPLANTING
discard non-biodegradable ball wrapping and support wire. Removed biodegradable burlap and wire cage (if present) from the top 1/3 of the rootball and carefully	PLANT		PLANT MATERIAL PROPOSED		CAUPER/HEIGHT	r	
bend remaining wire down to the bottom of the hole. Once the tree has been placed into the hole and will no longer be moved, score the remaining $\frac{2}{3}$ of the	KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPECIFICATION / NOTES
burlap and remove the twine. Provide one slow release fertilizer packets (per 1" caliper) for each tree planted.	Proposed	Landscape M	aterials				*
7. Tree Plantings Bealett tree planting halos 000 minutes at 1000 a 1000							
7. Tree Planting: Backfill tree planting holes 80% existing soils removed from excavation and 20% Soil Amendments (see Note 11). Avoid air pockets and do		EES (DECIDUO	•				
not tamp soil down. Discard any gravel, rocks, heavy clay, or concrete pieces. When hole is 🖁 full, trees shall be watered thoroughly, and water left to soak in	ARM	1	Acer xfreemanii 'Armstrong'	Armstrong Red Maple	2.5*	8&8	Straight central leader, full and even crown. Prune only after planting
before proceeding to fill the remainder of the hole. Water again to full soak in the new planting. Each tree shall receive a 3" deep, 4-5' diameter (see planting	ABM	1	Acer xfreemanii 'Autumn Blaze'	Autumn Blaze Maple	2.5"	8&B	Straight central leader, full and even crown. Prune only after planting
details or planting plan) shredded hardwood bark mulch ring / saucer around all trees. Do not build up any mulch onto the trunk of any tree. Trees that are							
installed incorrectly will be replaced at the time and expense of the Landscape Contractor.	PLANT	1	PLANT MATERIAL PROPOSED		CAUPER/HEIGHT	1	
			BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPECIFICATION / NOTES
8. Shrub Planting: All shrubs to be planted in groupings as indicated on the Landscape Plan. Install with the planting of shrubs a 5% mix of Soil Amendments	ORNAMEN	ITAL TREES (D	ECIDUOUS)				
with blended, pulverized topsoil. Install topsoil into all plant beds as needed to achieve proper grade and displace undesirable soils (see planting detail).	SSFC	2	Malus x 'Spring Snow'	Spring Snow Flowering Crabapple	7-8' H	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
Remove all excessive gravel, clay and stones from plant beds prior to planting. When hole(s) are ¾ full, shrubs shall be watered thoroughly, and water left to							
soak in before proceeding. Provide slow-release fertilizer packets at the rater of 1 per 24" height/diamter of shrub at planting.	PLANT	l.	PLANT MATERIAL PROPOSED		SHRUB	ROOT/	
	KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE (HEIGHT)	CONT.	SPECIFICATION / NOTES
9. Mulching: All tree rings to receive a 3" deep layer of high quality shredded hardwood bark mulch (not pigment dyed or enviro-mulch). All shrub planting and	EVERGREE	N SHURBS		7920777392000			
perennial planting bed areas (groupings) shall receive a 2-3" layer of shredded hardwood bark mulch, and groundcover areas a 1-2" layer of the same mulch.	SGJ	34	Juniperus chinensis 'Sea Green'	Sea Green Juniper	24°W	Cont.	Full rounded well branched shrub
Do not mulch annual flower beds (if applicable). Do not allow mulch to contact plant stems and tree trunks.	GOJ	4	Juniperus virginiana 'Grey Owl'	Grey Owl Juniper	24"W	Cont.	Full rounded well branched shrub
10. Edging: All planting beds shall be edged with a 4" deep spade edge using a flat landscape spade or a mechanical edger. Bedlines are to be cut crisp,	PLANT		PLANT MATERIAL PROPOSED		SHRUB	ROOT/	
smooth as per plan. A clean definition between landscape beds and lawn is required. Pack mulch against lawn edge to hold in place	KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE (HEIGHT)	CONT.	SPECIFICATION / NOTES

DRNAME	NTAL TREES (DI	ECIDUOUS)				
SSFC	2	Malus x 'Spring Snow'	Spring Snow Flowering Crabapple	7-8' H	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appears
PLANT		PLANT MATERIAL PROPOSED		SHRUB	ROOT/	
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE (HEIGHT)	CONT.	SPECIFICATION / NOTES
EVERGREE	N SHURBS					
SGJ	34	Juniperus chinensis 'Sea Green'	Sea Green Juniper	24"W	Cont.	Full rounded well branched shrub
GOJ	4	Juniperus virginiana 'Grey Owl'	Grey Owl Juniper	24"W	Cont.	Full rounded well branched shrub
PLANT	1	PLANT MATERIAL PROPOSED		SHRUB	ROOT/	
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE (HEIGHT)	CONT.	Antalia may Ayana
	JS SHRUBS	BOTANICALIYAME	COMMON NAME	SIZE (HEIGHT)	CON1.	SPECIFICATION / NOTES
QFH	13	Hydrangea paniculata 'Quick Fire'	Quick Fire Hydrangea	36*	c	F.D
GMS	33	Spirea xbumaida 'Goldmound'	Goldmound Spirea	36 24*	Cont. Cont.	Full, well rooted plant, evenly shaped
GIVIS	33	Spirea xourinarea Continuone	Goldmound Spirea	24	cont.	Full, well rooted plant, evenly shaped
PLANT		PLANT MATERIAL PROPOSED		CONTAINER		
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE		SPECIFICATION / NOTES
ORNAME	NTAL GRASSES					
KFRG	32	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1	Cont.	Full, well rooted plant
PLANT		PLANT MATERIAL PROPOSED		CONTAINER		
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE		SPECIFICATION / NOTES
HERBACEC	OUS PERENNIA	LS				
FH	19	Hosta fortunei 'Francee'	Francee Hosta	#1	Cont.	Full, well rooted plant, evenly shaped
MNS	30	Salvia xsupeba 'May Night'	May Night Salvia	#1	Cont.	Full, well rooted plant, evenly shaped
AJS	21	Sedum spectable 'Autumn Joy'	Autumn Joy Sedum	#1	Cont.	Full, well rooted plant, evenly shaped
LAWN	1315	Lawn Establishment Area / Grading Area			SY	Cedar Creek Premium Blue Tag Seed Mix (Ph: 888-313-6807)
	11817	Erosion Matting for sloped seeded areas	see plan for area delineation		SF	EroTex DS75 Erosion Control Blanket (or approved equal)
Hardscape	Materials					
	2	Heritage River Gravel Mulch (1.0-1.5" pieces)	150 SF		TN	2" depth
	35	Aluminum Edge Restraint (gravel areas)	Permaloc ProSlide 3/16"x5.5" Black Du	rafley Finish	LF	- acpti
	150	Landscape Fabric	SF		SF	
	40	Tree Protection Fencing	see plan for area delineation		LF	
	23	Shredded Hardwood Mulch (3" depth)	2,500 SF		CY	Bark Mulch; apply Preemergent after installation of mulch
	15	Soil Amendments (2" depth)	2,500 SF		CY	
	36	Pulverized Topsoil (Lawn Area)	11,850 SF		CY	
	15	Pulverized Topsoil (2" over bed areas)	2.500 SF		CY	

*Landscape counts & quantities are provided as a service to the Landscape Contractor; Landscape Contractor is responsible for verifying these counts and quantities in order to provide a complete landscape installation as outlined on this Landscape Master Plan. In the event that a discrepancy occurs between this schedule and the Landscape Master Plan, the Landscape Master Plan including the graphic and notations depicted therein-shall govern.

Cedar Creek Premium Blue Tag (Ph: 888-313-6807): 10% Mid Atlantic Kentucky Bluegrass

10% Atlantis Kentucky Bluegrass 10% Dragon Kentucky Bluegrass 10% Palmer III Fine Perennial Ryego Seed at rate of 3# per 1000 Sf

20% Merit Kentucky Bluegrass 20% Boreal Red Fescue

PLANT & MATERIAL SCHEDULE

HELLER & ASSOCIATES, LLC LANDSCAPE ARCHITECTURE Racine, Wisconsin 53402 ph 262,639,9733

fx 262 639 9737

LANDSCAPE GENERAL NOTES

LUTHERAN MADISION, WI 53704 OSS WAY • 2 PROPOSED E
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ANDSCAPE DETAILS

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PROPOSED BULDING ADDITION FOR: HOLY CROSS LUTHERAN 734 HOLY CROSS WAY • MADISON, WI 53704

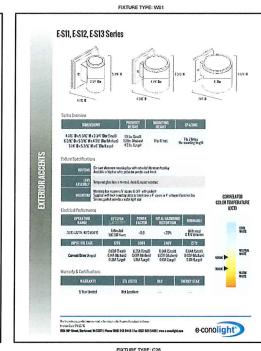
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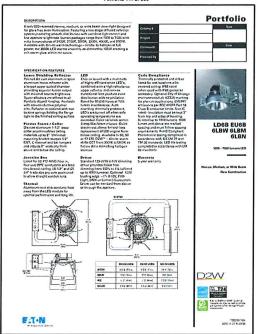
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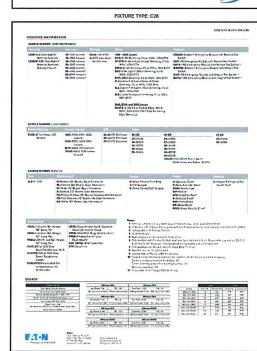










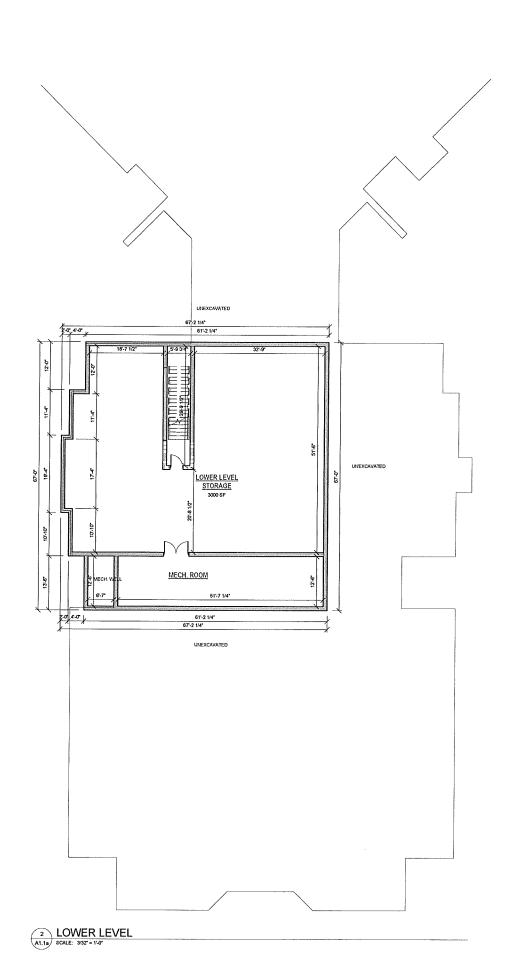


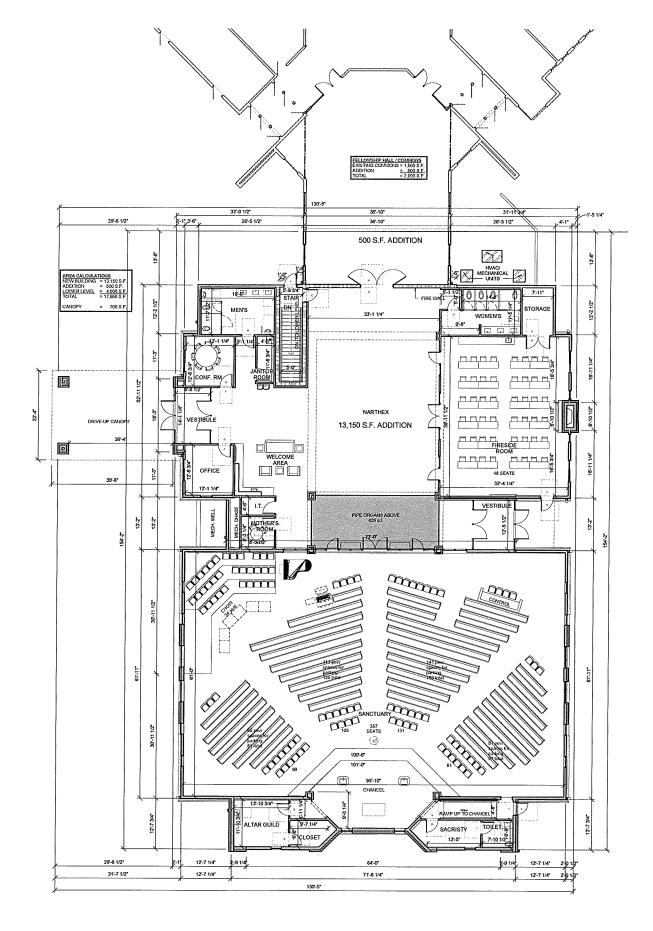


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PROPOSED BULDING ADDITION FOR: HOLY CROSS LUTHERAN	734 HOLY CROSS WAY • MADISON, WI 53704

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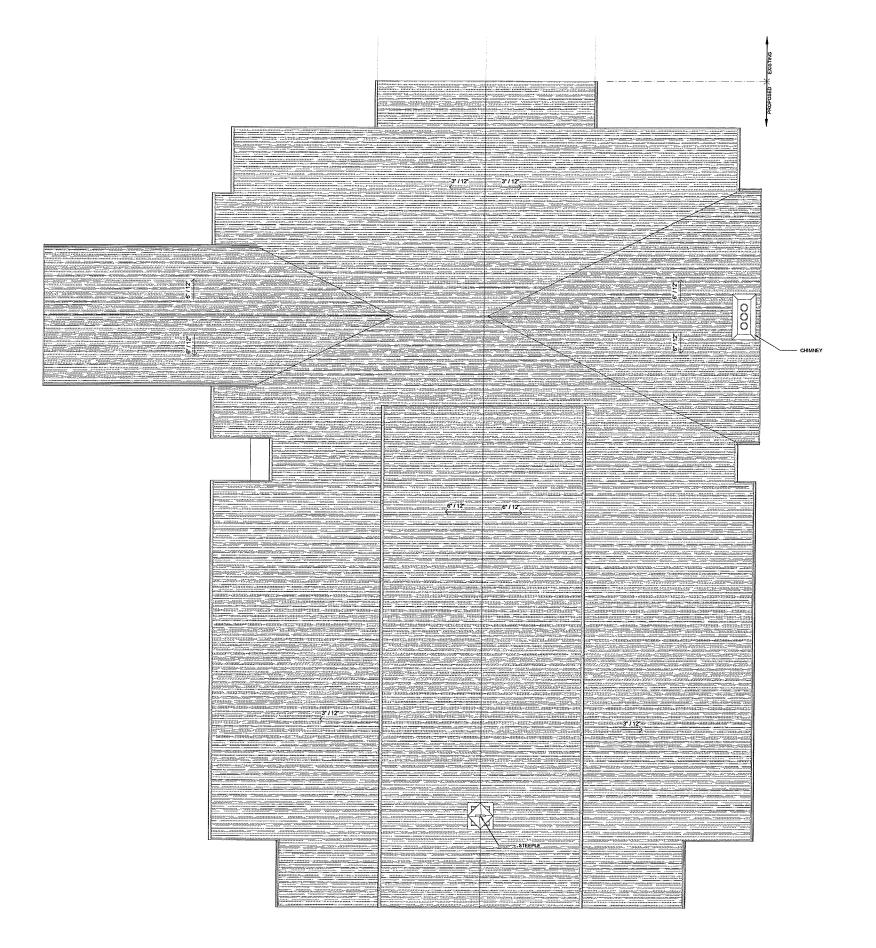
PROJECT INFORMATION 1626620

HOLY CROSS LUTHERAN 734 HOLY CROSS WAY • MADISON, WI 53704

PRELIMINARY DATES APR. 05, 2017 NOT FOR CONSTRUCTION

SHEET INFORMATION FIRST FLOOR PLAN

FIRST FLOOR
A1.1a SCALE: 332" = 1"-0"



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PROJECT INFORMATION

HOLY CROSS LUTHERAN 734 HOLY CROSS WAY • MADISON, WI 53704

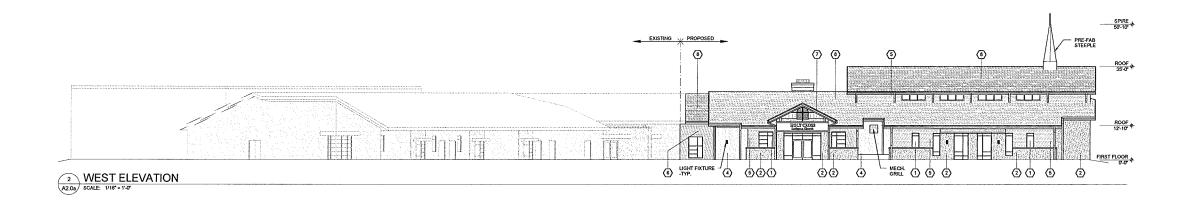
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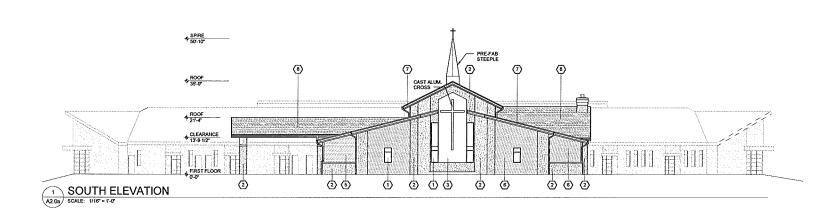
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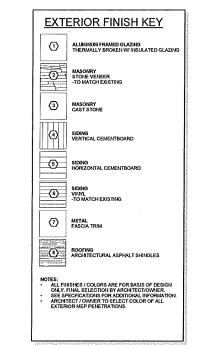
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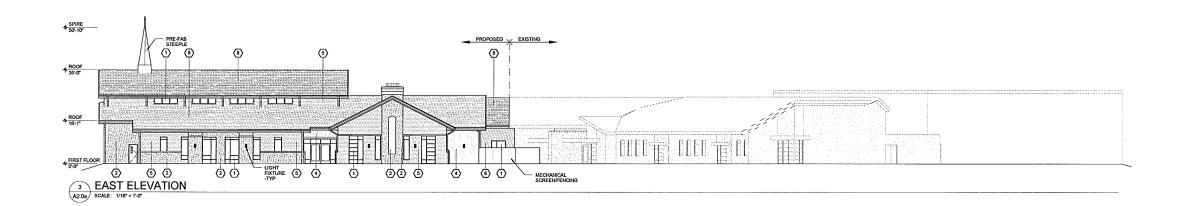
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1 ROOF PLAN 8CALE: 1/8" = 1'-0"











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HOLY CROSS LUTHERAN 734 HOLY CROSS WAY • MADISON, WI 53704

PRELIMINARY DATES NOT FOR CONSTRUCTION

EXTERIOR ELEVATIONS **A2.0**a



AXON VIEW 1a



PERSPECTIVE VIEW 1a



PERSPECTIVE VIEW 2a



AXON VIEW 2a



PERSPECTIVE VIEW 3a



HOLY CROSS LUTHERAN
734 HOLY CROSS WAY • MADISON, WI 53704

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SHEET INFORMATION EXTERIOR VIEWS