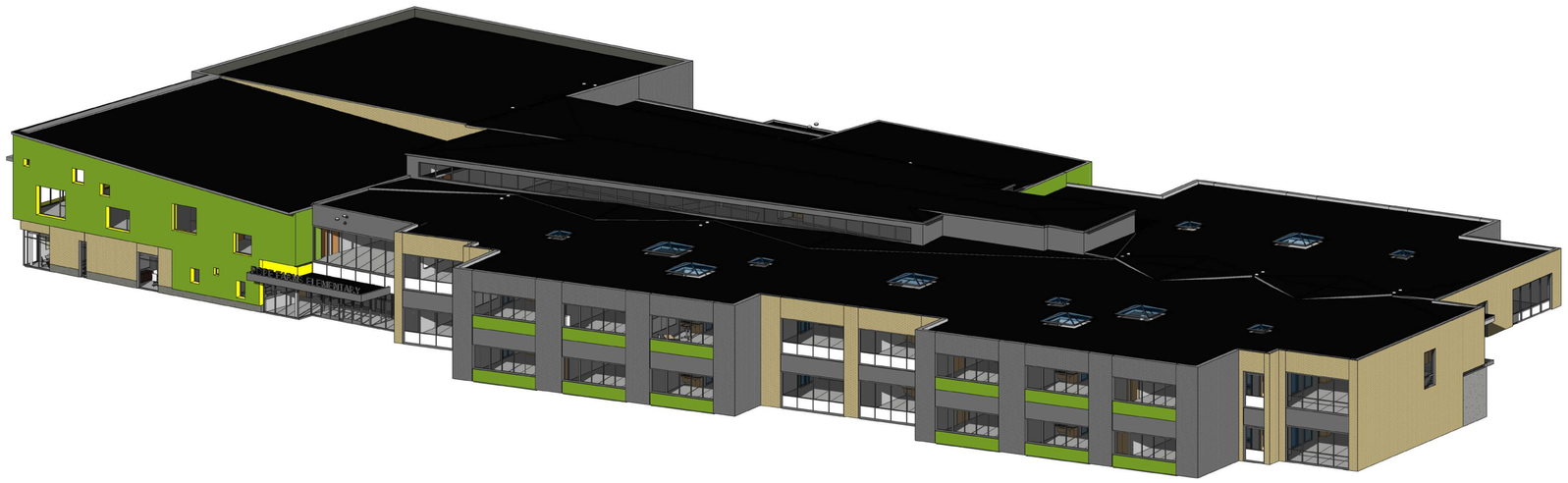


MIDDLETON - CROSS PLAINS AREA SCHOOL DISTRICT - POPE FARM ELEMENTARY SCHOOL

MADISON, WI

eppstein uhen : architects

CUP SUBMITTAL

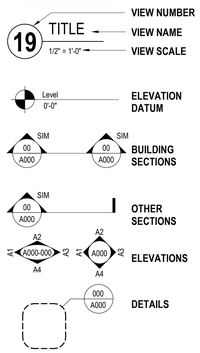
FEBRUARY 6, 2019 **PROJECT NUMBER: 316517-01**

ABBREVIATIONS

A		**C**		**F**		**I**		**P**		**T**	
A/C	air condition	CLR	clear	F	female	ID	inside diameter	PJ	panel joint	T&M	time & materials
A/E	Architect/Engineer	CM	construction management	F	filler	INSUL	insulation	PLAM	plastic laminate	TEMP	temperature
ACT	acoudical ceiling tile	CM	construction manager	FA	fire alarm	INT	interior	PLYWD	plywood	TEMP	temporary
ADDL	additional	CMU	concrete masonry unit	FA	fluid-applied			PNL	panel	TER	terrazzo
ADDM	addendum	CO	cleanout	FAB	fabric	**J**		PREFAB	prefabricated	TERB	terrazzo base
ADJ	adjustable	COL	column	FC	file cabinet	JS	janitor sink	PREFIN	prefinished	TFF	top of finished floor
AFC	above finished floor	CONC	concrete	FD	floor drain			PSI	pounds per square inch	TKBD	tackboard
AFF	above finished floor	CORR	corridor	FE	fire extinguisher	**L**				TO	top of
AFG	above finished grade	CPT	carpet	FEC	fire extinguisher cabinet	LAM	laminate	PT	paint	TOB	top of beam
AFS	above finished slab	CSWK	casework	FHC	fire hose cabinet	LAV	lavatory	PTN	partition	TOC	top of concrete
ALT	alternate	CT	ceramic tile	FLR	floor	LL	live load			TOJ	top of joist
ALUM	aluminum	CW	cold water	FM	factory mutual			**Q**		TOPO	topography
APPD	approved	CTB	ceramic tile base	FM	floor mat	**M**		QT	quarry tile	TOS	top of slab
APT	apartment			FO	finished opening	MAX	maximum	QTB	quarry tile base	TOS	top of steel
AP	acoustical panel	**D**		FP	fire protection	MC	modular carpet tile			TYP	typical
ASC	above suspended ceiling	DEMO	demolition	FP	fireproof	MECH	mechacnical	**R**			
		DEPT	department	FPL	fireplace	MFR	manufacturer	RB	resilient base	**U**	
B		DF	drinking fountain	FT	fire treated	MICRO	microwave	RCP	reflected ceiling plan	UNO	unless noted otherwise
BB	baseboard	DIA	diameter	FTG	footing	MIN	minimum	RD	roof drain		
BLDG	building	DP	decorative panel			MIN	minute	REBAR	reinforcing steel bars	**V**	
BLT	borrowed lite	DR	door	**G**		MISC	miscellaneous	REC	recess	VERT	vertical
BLW	below	DR FR	door frame	GA	guage	MJ	movement joint	REF	reference	VF/CI	vendor furnished, contractor installed
BPL	base plate	DTL	detail	GALV	galvanized	MO	masonry opening	REF	refrigerator	VF/OI	vendor furnished, owner installed
BO	bottom of	DS	downspout	GB	grab bar	MS	mop sink	RF	resilient flooring	VF/VI	vendor furnished, vendor installed
BOS	bottom of steel	DW	dishwasher	GC	general contractor	MTL	metal	REV	revision	VNR	veneer
		DWG	drawing	GL	glass			RFS	room finish schedule	VIF	verify in field
C				GLU LAM	glue laminated	**N**		RO	rough opening		
CB	catch basin, construction bulletin	**E**		GR	wood	N	north			**W**	
CF/CI	contractor furnished, contractor installed	E	east	GT	grade, grading	NA	not applicable	**S**		W	west
CF/OI	contractor furnished, owner installed	EIFS	exterior insulation & finish system	GYP BD	grout	NIC	not in contract	S	south	WI	with
CF/VI	contractor furnished, vendor installed	EL	elevation		gypsum	NO	number	SAN	sanitary	WO	without
CG	corner guard	EJ	expansion joint	**H**		NM	nominal	SC	sealed concrete	WC	water closet
CIP	cast-in-place	ELEC	electric	HB	hose bibb	NS	no scale	SC	solid core	WC	wall covering
CNTR	counter	ELEC	electrical	HC	hollow core	NTS	not to scale	SF	square foot	WD	wood
CL	centerline	ELEV	elevator	HM	hollow metal			SIM	sim	WDB	wood base
CLG	ceiling	EP	epoxy	HORIZ	horizontal	**O**		SS	solid surface	WDV	wood veneer
		EPS	expanded polystyrene board	HSKP	housekeeping	OC	on center	SST	stainless steel	WH	water heater
		EQ	equal	HGT	height	OD	outside diameter	ST	stain	WP	wall protection
		ETR	existing to remain	HVAC	heating, ventilating & air conditioning	OF/CI	owner furnished, owner installed	ST	stair	WDV	wood veneer
		EXIST	existing	HW	hot water	OF/VI	owner furnished, vendor installed	STN	stone	WH	water heater
		EXT	exterior	HWY	highway	OH DR	overhead door	STNB	stone base	WP	wall protection
						OPH	opposite hand	STRUCT	structure	WP	work point
						OPNG	opening			WT	window treatment
										X	
										XPS	extruded polystyrene board (insulated)

SYMBOL LEGEND

CALLOUTS



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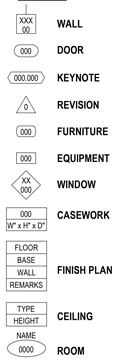
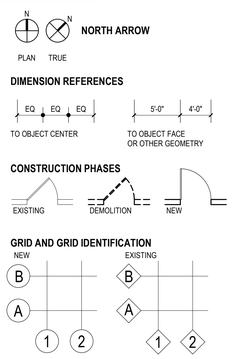
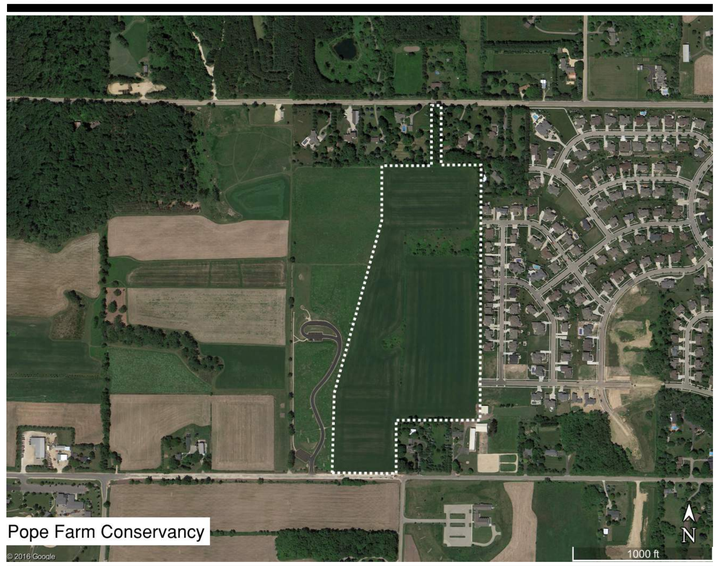


GRAPHICS



VICINITY MAP



PROJECT TEAM

OWNER
MIDDLETON-CROSS PLAINS AREA SCHOOL DISTRICT

7106 South Avenue
Middleton, WI 53562
PHONE: (608) 829-9005

PROJECT CONTACT: GEORGE MAVROULIS
DIRECT PHONE: (608) 829-9005
EMAIL ADDRESS: gmavroulis@mcpasd.k12.wi.us

CONSTRUCTION MANAGER
J.H. FINDORFF & SON, INC.

300 South Bedford Street
Madison, WI 53703
PHONE: (608) 257-5321

PROJECT CONTACT: Matt Premo
DIRECT PHONE: (608)442-7076
EMAIL ADDRESS: mnpremo@findorff.com

ARCHITECTURAL
EPPSTEIN UHEN ARCHITECTS, INC.

333 East Chicago Street
Milwaukee, WI 53202
Phone: (414) 271-5350
www.eua.com

PROJECT CONTACT: Robin Savola
DIRECT PHONE: (414) 291-8193
EMAIL ADDRESS: robins@eua.com

CIVIL
VIERBICHER ASSOCIATES, INC.

999 Fourier Drive, Suite 201
Madison, WI 53717
PHONE: (608) 826-0532
www.vierbicher.com

PROJECT CONTACT: Matt Schreiner
DIRECT PHONE: (608) 821-3961
EMAIL ADDRESS: msch@vierbicher.com

STRUCTURAL
R. A. SMITH NATIONAL

16745 West Bluemound Road
Brookfield, WI 53005
PHONE: (262) 781-1000
rasmith.com

PROJECT CONTACT: Steve Roloff
DIRECT PHONE: (262) 317-3334
EMAIL ADDRESS: Steve.Roloff@rasmithnational.com

MECHANICAL/ ELECTRICAL/ PLUMBING/ FIRE PROTECTION
MEP ASSOCIATES

901 Whalen Road, Suite A
Verona, WI 53593
PHONE: (608) 848-9556
mepassociates.com

PROJECT CONTACT: Josh Hinson
DIRECT PHONE: (608) 848-9556
EMAIL ADDRESS: joshh@mepassociates.com

FOOD SERVICE
THE BOELTER COMPANIES, INC.

4200 North Port Washington Road
Glendale, WI 53212
PHONE: (414) 967-4200
boelter.com

PROJECT CONTACT: Steve Stern
DIRECT PHONE: (414) 967-4226
EMAIL ADDRESS: sstern@boelter.com

SHEET INDEX

OWNER SIGN-OFF
SCHEMATIC DESIGN DOCUMENTS

THE UNDERSIGNED CLIENT APPROVES THE OVERALL DESIGN CONCEPT OF THE BUILDING PROGRAM, UNIT MIX, UNIT COUNT, PARKING RATIO, FLOOR-TO-FLOOR HEIGHTS, ARCHITECTURAL CHARACTER, SITE PLAN, AND PRELIMINARY FLOOR AND UNIT PLAN DESIGN.

IF THERE ARE SUBSTANTIAL CHANGES TO THE PROJECT SCOPE AFTER CLIENT SIGN-OFF, CHANGES WILL BE SUBJECT TO ADDITIONAL SERVICES.

THE ARCHITECT IS HEREBY AUTHORIZED TO PROCEED TO DESIGN DEVELOPMENT.

EPPSTEIN UHEN ARCHITECTS, INC.

CLIENT SIGNATURE **DATE**

eppstein uhen : architects

milwaukee 333 East Chicago Street, Milwaukee, Wisconsin 53202, 414.271.5350
madison 309 West Johnson Street, Suite 202, Madison, Wisconsin 53703, 608.442.5350
des moines 699 Walnut Street, Suite 400, Des Moines, Iowa 50309, 515.724.5840
denver 1899 Wynkoop Street, Suite 300, Denver, Colorado 80202, 303.595.4500

PROJECT INFORMATION

MIDDLETON - CROSS PLAINS AREA SCHOOL DISTRICT - POPE FARM ELEMENTARY SCHOOL

MADISON, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and shall not be used for final bidding or construction-related purposes.

PROJECT MANAGER RS

PROJECT NUMBER 316517-01

INDEX

G000


APPROXIMATE
BUILDING LOCATION
Blackhawk Ski
Area West Chalet
Blackhawk Ski Club
Blackhawk Rd
Blackhawk Rd
Blackhawk Rd
Blackhawk Rd
Blackhawk Rd
Rose Ct
Blackstone Ct
Twin Valley Rd
Sandhill Rd
Winding Way
Bear Claw Way
Red Sky Dr
Meadow Mist Rd
Settlers Rd
Sandhill Rd
Blue Heron Dr
River Birch Rd
Fallen Leaf Dr
Winding Way
Trappers Trail
Bear Claw Way
Blue Aster Trail
Silver Sage Trail
Cricket Ln
Norman Sheppard
Piano Tuning & Repair
Shadow Ridge Trail
Big Stone Trail
Pope Farm Conservancy
Twin Valley Free
Will Baptist Church
Friends of Pope
Farm Conservancy
K & M Concrete, Inc
Old Sauk Rd
Old Sauk Rd
Old Sauk Rd
Old Sauk Rd
Middleton
Building Inspector
Middleton Town Hall
Pioneer Park
Pioneer
Schewe Rd
Middleton Community
Church-United Church...
Peach Tree Ln
Peach Leaf Ln
Sew Biz Plus
The Jefferson
Google

LOCATOR MAP

AERIAL VIEW - LOOKING EAST

VIEW - LOOKING EAST

AERIAL VIEW - LOOKING WEST

VIEW - LOOKING WEST

CONTEXTUAL SITE INFORMATION

BEARINGS ARE BASED UPON THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY ZONE, THE SOUTH LINE OF THE SE 1/4 OF SECTION 17-07-08 MEASURED AS BEARING S89°40'20"W

GRAPHIC SCALE FEET
0 50 100 200
SCALE: 1"=100'

SURVEY LEGEND
- PUBLIC LAND CORNER AS NOTED
- FOUND 1" ø IRON PIPE
- FOUND 1 1/4" ø IRON ROD
- FOUND 3/4" ø IRON ROD
- BENCHMARK
- ( ) "RECORDED AS" INFORMATION
- NO VEHICULAR ACCESS

TOPOGRAPHIC SYMBOL LEGEND
- EXISTING BOLLARD
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING MONITORING WELL
- EXISTING POST
- EXISTING SIGN (TYPE NOTED)
- EXISTING PARKING METER
- EXISTING CURB INLET
- EXISTING ENDWALL
- EXISTING FIELD INLET RECTANGULAR
- EXISTING FIELD INLET
- EXISTING ROOF DRAIN CLEANOUT
- EXISTING ROOF DRAIN
- EXISTING STORM MANHOLE
- EXISTING STORM MANHOLE RECTANGULAR
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY MANHOLE
- EXISTING SEPTIC VENT
- EXISTING FIRE HYDRANT
- EXISTING FIRE DEPARTMENT CONNECTION
- EXISTING WATER MAIN VALVE
- EXISTING CURB STOP
- EXISTING WELL
- EXISTING WATER MANHOLE
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING AIR CONDITIONING PEDESTAL
- EXISTING DOWN GUY
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC RECTANGULAR MANHOLE
- EXISTING ELECTRIC PEDESTAL
- EXISTING TRANSFORMER
- EXISTING ELECTRIC METER
- EXISTING GUY POLE
- EXISTING LIGHT POLE
- EXISTING GENERIC LIGHT
- EXISTING UTILITY POLE
- EXISTING TV MANHOLE
- EXISTING TV RECTANGULAR MANHOLE
- EXISTING TV PEDESTAL
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED MANHOLE
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING HANDICAP PARKING
- EXISTING TRAFFIC SIGNAL
- EXISTING SHRUB
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING BORING

TOPOGRAPHIC LINEWORK LEGEND
- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD CABLE TV
- EXISTING FIBER OPTIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING RETAINING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING GENERAL FENCE
- EXISTING WIRE FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING GUY LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD GENERAL UTILITIES
- EXISTING SANITARY FORCE MAIN
- EXISTING SANITARY SEWER LINE
- EXISTING STORM SEWER LINE
- EXISTING EDGE OF TREES
- EXISTING WATER MAIN
- EXISTING WETLAND DELINEATION
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

LOCATION MAP
1" = 1/2 MILE

NOTES:

1) This plat is referenced to the Wisconsin County Coordinate System, Dane Zone NAD 83 (1991). Elevations are referenced to NAVD 88 (1991) datum. Project benchmark is a found 1-1/4" rebar at the East 1/4 Corner of Section 17, T7N, R8E, Elevation=1132.05 Field data was obtained using Robotic Total Station and GPS.

2) All underground utilities have been located per markings placed on the ground or maps provided by the utilities (owners) and or their authorized representatives. Markings are per Digger's Hotline Ticket No's 20182911441, 20182911678, 20182911764, 20182911896, 20182911942, 20182911978, 20182911999 and 20182912012. Vierbicher does not warrant the locations marked or mapped by others.

3) This plat lies within Zone X – Area of Minimal Flood Hazard per FEMA's FIRM Map Numbers 55025C0383G and 55025C0379G, effective date January 2, 2009.

4) Lands within this plat are zoned Suburban Residential–Consistent District 1 (SR–C1).

5) The total area including the Old Sauk Road right–of–way is 1,735,947 square feet or 39.852 acres, more or less. The total area excluding the Old Sauk Road right–of–way is 1,720,564 square feet or 39.499 acres, more or less.

6) The lands within this plat are subject to easements, restrictions and covenants as listed in the Title Report, NCS–923403–MAD, dated September 5, 2018 as provided by First American Title Insurance Company.

7) The lands within this plat are subject to a Declaration of Restrictions and Covenants per Document Number 4233006.

8) Outlot 4 is a private outlot to be maintained by the Middleton–Cross Plains Area School District.

9) The lands within this plat are not subject to a Deed Restriction per Document Number 3699021 as a result of the Partial Releases as Document Numbers 4233001 and 4233003.

10) The lands within this plat are not subject to a Declaration of Easement per Document Number 3759258 as a result of the Partial Releases as Document Numbers 4233004 and 4233006.

11) See the final plat for the proposed public easements that will serve this development.

LEGAL DESCRIPTION PER DEED (DOCUMENT NO. 4233008)

Being part of the SE ¼ of the SE ¼ and the NE ¼ of the SE ¼, all in Section 17, T 7 N, R 8 E, Town of Middleton, Dane County, Wisconsin, described as follows:

Commencing at the Southeast Corner of said Section 17; thence S 89°34'27" W, along the South line of the said SE ¼ and the centerline of West Old Sauk Road, 566.48 feet to the Southwest corner of Dane County Certified Survey Map Number 517 and the point of beginning; thence continuing S 89°34'27" W, along the said South line and centerline, 466.14 feet; thence N 00°58'03" E, 590.00 feet; thence N 14°51'06" E, 1304.73 feet; thence N 00°12'35" W, 359.31 feet; thence N 89°47'25" E, 330.53 feet; thence N 00°09'51" E, parallel with and 365.30 feet west of the East line of the said SE ¼, 417.52 (recorded as 417.60') feet to the intersection with the South line of Blackhawk Road; thence N 89°43'34" E, along the said South line of Blackhawk Road, 66.00 feet; thence S 00°09'51" W, parallel with and 299.30 feet west of the said East line of the SE ¼, 417.60 feet; thence N 89°47'25" E, 299.31 feet to the intersection with the said East line of the SE ¼; thence S 00°09'51" W, along said East line of the SE 1/4, 1800.99 feet; thence S 89°36'37" W, 560.79 feet, (recorded as S 85°23'40" E) along the Northerly lines of Lot 2, Dane County Certified Survey Map Number 3977 and Lot 1, Dane County Certified Survey Map Number 517 to the Northwest corner of said Lot 1; thence S 00°58'03" W, along the Westerly line of said Lot 1, 404.71 feet (recorded as N 05°56'20" E, 406.00 feet) to the point of beginning.

Subject to public right–of–way of West Old Sauk Road over the southerly 33 feet thereof;

Containing 39.5000 acres, more or less, exclusive West Old Sauk Road public right of way or 39.8531 acres including West Old Sauk Road public right of way.

PREPARED FOR:

MIDDLETON–CROSS PLAINS
AREA SCHOOL DISTRICT – OWNER & SUBDIVIDER
7106 SOUTH AVENUE
MIDDLETON, WI 53562

PREPARED BY:

VIERBICHER – SURVEYOR & ENGINEER
999 FOURIER DRIVE
MADISON, WI 53717

PROJECT NO.	DESIGNED	DRAWN	CHECKED	DATE	SCALE
180222	MSCH	PKNU	DRAFTER	12-19-2018	1"=100'

REVISIONS			REVISIONS		
NO.	DATE	REMARKS	NO.	DATE	REMARKS

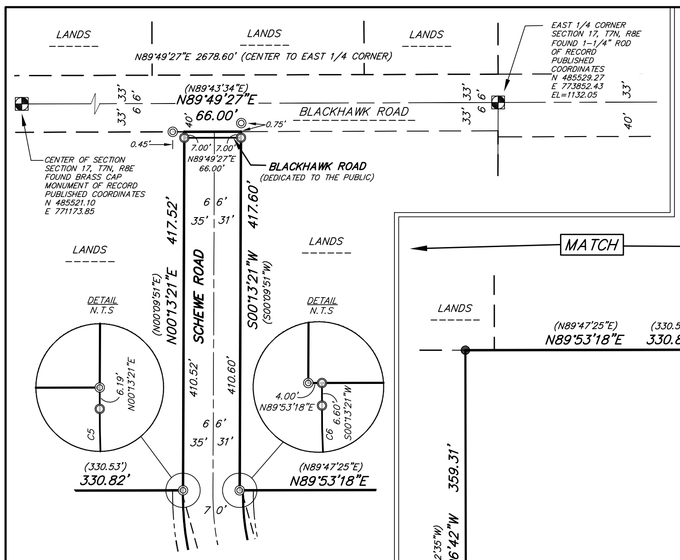
PRELIMINARY PLAT - POPE FARM ESTATES

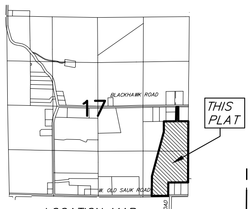
MIDDLETON CROSS PLAINS AREA SCHOOL DISTRICT
PART OF THE NE 1/4-SE 1/4 AND THE SE 1/4-SE 1/4 OF SECTION 17, T7N, R8E,
CITY OF MADISON, DANE COUNTY, WISCONSIN

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

POPE FARM ESTATES

PART OF THE SE 1/4 OF THE SE 1/4 AND THE NE 1/4 OF THE SE 1/4 OF SECTION 17, TOWNSHIP 7 NORTH, RANGE 8 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN





LOCATION MAP
1" = 1/2 MILE

BEARINGS ARE BASED UPON THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY ZONE, THE SOUTH LINE OF THE SE 1/4 OF SECTION 17-07-08 MEASURED AS BEARING S89°40'20"W

GRAPHIC SCALE FEET
0 50 100 200
SCALE: 1"=100'

LEGEND

- FOUND SECTION CORNER OF RECORD, TYPE OF MONUMENT AS NOTED
- FOUND 1 1/4" ø REBAR
- FOUND 3/4" ø REBAR
- FOUND 1" ø IRON PIPE
- SET 1 1/4" ø SOLID ROUND IRON ROD, 18" LONG, 4.17 LBS. PER LINEAL FOOT WEIGHT

ALL OTHER LOT AND OUTLOT CORNERS ARE MONUMENTED WITH 3/4" X 18" SOLID ROUND IRON RODS, 1.50 LBS. PER LINEAL FOOT WEIGHT

- NO VEHICULAR ACCESS
- ( ) "RECORDED AS" INFORMATION

EASEMENT WIDTHS AS DIMENSIONED ON PLAT

PUBLIC UTILITY EASEMENTS UNLESS OTHERWISE NOTED. NO POLES OR BURIED CABLES ARE TO BE PLACED SUCH THAT THE INSTALLATION WOULD DISTURB ANY SURVEY MONUMENT. THE DISTURBANCE OF A SURVEY MONUMENT BY ANYONE IS A VIOLATION OF SECTION 236.32 OF THE WISCONSIN STATUTES. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE PUBLIC UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

THE FINAL GRADE ESTABLISHED BY THE SUBDIVIDER ON THE UTILITY EASEMENTS SHALL NOT BE ALTERED BY MORE THAN SIX (6) INCHES BY THE SUBDIVIDER, HIS AGENT, OR BY SUBSEQUENT OWNERS OF THE LOTS WHICH SUCH UTILITY EASEMENTS ARE LOCATED, EXCEPT WITH THE WRITTEN CONSENT OF THE UTILITY OR UTILITIES INVOLVED.

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified _____, 20____

Department of Administration

NOTES:

1) ALL LOTS CREATED BY THIS PLAT ARE INDIVIDUALLY RESPONSIBLE FOR COMPLIANCE WITH CHAPTER 37 OF THE MADISON GENERAL ORDINANCES IN REGARD TO STORM WATER MANAGEMENT AT THE TIME THEY DEVELOP.

2) LOTS/BUILDINGS WITHIN THIS SUBDIVISION/DEVELOPMENT ARE SUBJECT TO IMPACT FEES THAT ARE DUE AND PAYABLE AT THE TIME BUILDING PERMIT(S) ARE ISSUED.

3) OUTLOT 1 IS DEDICATED TO THE PUBLIC FOR PARK PURPOSES. OUTLOTS 2 AND 3 ARE DEDICATED TO THE PUBLIC FOR PUBLIC STORM WATER MANAGEMENT PURPOSES. OUTLOT 4 IS A PRIVATE OUTLOT TO BE MAINTAINED BY THE MIDDLETON-CROSS PLAINS AREA SCHOOL DISTRICT.

4) ALL LOTS WITHIN THIS PLAT ARE SUBJECT TO PUBLIC EASEMENTS FOR DRAINAGE PURPOSES WHICH SHALL BE A MINIMUM OF 6-FEET IN WIDTH MEASURED FROM THE PROPERTY LINE TO THE INTERIOR OF EACH LOT EXCEPT THAT THE EASEMENTS SHALL BE 12-FEET IN WIDTH ON THE PERIMETER OF THE PLAT, EXCEPT WHERE SHOWN AND NOTED OTHERWISE. FOR PURPOSES OF TWO (2) OR MORE LOTS COMBINED FOR A SINGLE DEVELOPMENT SITE, OR WHERE TWO (2) OR MORE LOTS HAVE A SHARED DRIVEWAY AGREEMENT, THE PUBLIC EASEMENT FOR DRAINAGE PURPOSES SHALL BE A MINIMUM OF SIX (6) FEET IN WIDTH AND SHALL BE MEASURED ONLY FROM THE EXTERIOR PROPERTY LINES OF THE COMBINED LOTS THAT CREATE A SINGLE DEVELOPMENT SITE, OR HAVE A SHARED DRIVEWAY AGREEMENT, EXCEPT THAT THE EASEMENT SHALL BE TWELVE (12) FEET IN WIDTH ALONG THE PERIMETER OF THE PLAT. EASEMENTS SHALL NOT BE REQUIRED ON PROPERTY LINES SHARED WITH GREENWAYS OR PUBLIC STREETS. NO BUILDINGS, DRIVEWAYS, OR RETAINING WALLS SHALL BE PLACED IN ANY EASEMENT FOR DRAINAGE PURPOSES. FENCES MAY BE PLACED IN THE EASEMENT ONLY IF THEY DO NOT IMPEDE THE ANTICIPATED FLOW OF WATER.

NOTE: IN THE EVENT OF A CITY OF MADISON PLAN COMMISSION AND/OR COMMON COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

5) THE INTRA-BLOCK DRAINAGE EASEMENTS SHALL BE GRADED WITH THE CONSTRUCTION OF EACH PRINCIPLE STRUCTURE IN ACCORDANCE WITH THE APPROVED STORM WATER DRAINAGE PLAN ON FILE WITH THE CITY ENGINEER AND THE ZONING ADMINISTRATOR, AS AMENDED IN ACCORDANCE WITH THE MADISON GENERAL ORDINANCES.

6) NO CHANGES IN DRAINAGE PATTERNS ASSOCIATED WITH DEVELOPMENT ON ANY OR ALL LOTS WITHIN THIS PLAT SHALL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER.

7) ALL LANDS WITHIN THIS PLAT SUBJECT TO DECLARATION OF RESTRICTIONS AND COVENANTS RECORDED AS DOCUMENT NUMBER 4233006.

8) SEE SHEET 2 FOR ADDITIONAL NOTES IN REGARD TO PUBLIC EASEMENTS.

LOT TABLE		
LOT NUMBER	AREA (sf)	AREA (ACRES)
LOT 1	1137121	26.10
LOT 2	65788	1.51
LOT 3	12369	0.28
LOT 4	11050	0.25
LOT 5	11050	0.25
LOT 6	11050	0.25
LOT 7	11050	0.25
LOT 8	11050	0.25
LOT 9	11050	0.25

LOT TABLE		
LOT NUMBER	AREA (sf)	AREA (ACRES)
LOT 10	11050	0.25
LOT 11	11310	0.26
LOT 12	13894	0.32
LOT 13	12908	0.30
LOT 14	13394	0.31
LOT 15	13896	0.32
LOT 16	11700	0.27
LOT 17	11700	0.27
LOT 18	15283	0.35

OUTLOT TABLE		
OUTLOT NUMBER	AREA (sf)	AREA (ACRES)
OL 1	17302	0.40
OL 2	9897	0.23

OUTLOT TABLE		
OUTLOT NUMBER	AREA (sf)	AREA (ACRES)
OL 3	72329	1.66
OL 4	1128	0.03

Curve Table						
Curve #	Radius	Length	Delta	Chord Bearing	Chord Length	Tangent Bearing
C1	25.00	38.66	088°36'24"	N45°22'08"E	34.92	
C2	290.00	245.75	048°33'13"	N25°20'32"E	238.46	
C3	270.00	232.59	049°21'25"	N24°56'26"E	225.46	
C4	270.00	147.22	031°14'31"	N15°21'31"W	145.41	
C5	320.00	174.26	031°12'07"	N15°22'43"W	172.12	
C6	250.00	136.14	031°12'07"	S15°22'43"E	134.47	
C7	340.00	96.86	016°19'19"	S22°49'07"E	96.53	S14°39'28"E
C8	15.00	19.77	075°30'45"	S52°24'50"E	18.37	S14°39'28"E
C9	15.00	23.45	089°34'03"	S45°02'46"W	21.13	
C10	340.00	254.21	042°50'18"	S21°40'53"W	248.33	S43°06'03"W
C11	340.00	2.19	000°22'10"	S00°26'49"W	2.19	
C12	340.00	85.22	014°21'41"	S07°48'45"W	85.00	
C13	340.00	85.22	014°21'41"	S22°10'27"W	85.00	
C14	340.00	81.57	013°44'45"	S36°13'40"W	81.37	
C15	15.00	23.00	087°51'08"	S00°49'32"E	20.81	S43°06'03"W
C16	170.00	133.20	044°53'34"	S67°11'53"E	129.82	S44°45'06"E
C17	230.00	184.51	045°57'45"	N66°39'47"W	179.60	N43°40'55"W
C18	230.00	60.68	015°06'55"	N82°05'12"W	60.50	
C19	230.00	123.83	030°50'50"	N59°06'20"W	122.34	
C20	15.00	22.70	086°41'57"	N87°01'53"W	20.59	N43°40'55"W
C21	220.00	186.43	048°33'13"	S25°20'32"W	180.90	
C22	220.00	160.22	041°43'38"	S28°45'20"W	156.70	
C23	220.00	26.21	006°49'35"	S04°28'44"W	26.20	

vierbicher
planners | engineers | advisors
REEDSBURG - MADISON - PRAIRIE DU CHIEN
999 Fourier Drive, Suite 201 Madison, Wisconsin 53717
Phone: (608) 826-0532 Fax: (608) 826-0530

DRAFTED BY: PKNU
CHECKED BY: MSCH
FN: 180222
DATE: December 19, 2018
REV:
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PREPARED FOR:
Middleton-Cross Plains Area School District
7106 South Avenue
Middleton, WI 53562

SHEET 1 OF 2

M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Finall Plat Elementary.dwg by: pknu

POPE FARM ESTATES

PART OF THE SE 1/4 OF THE SE 1/4 AND THE NE 1/4 OF THE SE 1/4 OF SECTION 17, TOWNSHIP 7 NORTH, RANGE 8 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE

I, Paul R. Knudson, professional land surveyor, hereby certify: That in full compliance with the provisions of Section 236 of the Wisconsin Statutes and the subdivision regulations of the City of Madison, and under the direction of the Middleton–Cross Plains Area School District, Owner, I have surveyed, divided and mapped POPE FARM ESTATES; that such plat correctly represents all exterior boundaries and the subdivision of the land surveyed; and that this land is Part of the NE 1/4 of the SE 1/4 and the SE 1/4 of the SE 1/4 of Section 17, All in Township 7 North, Range 8 East, City Of Madison, Dane County, Wisconsin, described as follows:

Commencing at the Southeast Corner of said Section 17; thence S89°40'20"W, 566.31 feet along the south line of said SE 1/4 to the southwest corner of Certified Survey Map Number 9607 and the Point of Beginning; thence continuing S89°40'20"W, 466.14 feet along the south line of said SE 1/4; thence N01°03'56"E, 590.00 feet; thence N14°56'59"E, 1304.73 feet; thence N00°06'42"W, 359.31 feet; thence N89°53'18"E, 330.82 feet; thence N00°13'21"E, 417.52 feet to the south right–of–way of Blackhawk Road; thence N89°49'27"E, 66.00 feet along said south right–of–way; thence S00°13'21"W, 417.60 feet; thence N89°53'18"E, 299.02 feet to the east line of said SE 1/4; thence S00°15'44"W, 1800.96 feet along the east line of said SE 1/4 to a north line of Lot 2, Certified Survey Map Number 3977; thence S89°43'21"W, 560.79 feet along the north lines of Lot 2, Certified Survey Map Number 3977 and Lots 1 and 2, Certified Survey Map Number 9607 to the northwest corner of Certified Survey Map Number 9607; thence S01°03'56"W, 404.88 feet along the west line of said Certified Survey Map Number 9607 to the Point of Beginning.

Containing 1,735,947 square feet or 39.8519 acres, more or less.

Vierbicher Associates, Inc.
By Paul R. Knudson

Dated this _____day of _____, _____.

Revised this _____ day of _____, _____.

_____
Paul R. Knudson, P.L.S. No. 1556

CITY OF MADISON TREASURER'S CERTIFICATE

As the duly appointed City Treasurer of the City of Madison, Dane County, Wisconsin, I hereby certify that the records in my office show no unredeemed tax sales and no unpaid taxes or unpaid special assessments affecting any of the lands included in the plat of POPE FARM ESTATES as of this _____ day of _____, 20___.

_____
David M. Gawenda, City of Madison Treasurer

CITY OF MADISON PLAN COMMISSION APPROVAL

Approved for recording by the secretary of the City of Madison Plan Commission.

Dated this ___ day of _____, 20___.

_____
Natalie Erdman, Secretary of Plan Commission

CITY OF MADISON COMMON COUNCIL APPROVAL

Resolved, that the plat of POPE FARM ESTATES, located in the NE1/4–SE1/4 and SE1/4–SE1/4 of Section 17, Township 07 North, Range 08 East, City of Madison, Dane County, Wisconsin, was hereby approved by Enactment Number _____, File I.D. Number _____, adopted on this _____ day of _____, 20___, and that said enactment further provided for the acceptance of those lands dedicated and rights conveyed by said plat of Pope Farm Estates to the City of Madison for public use.

Dated this _____ day of _____, 20___.

_____
Maribeth Witzel–Behl, City Clerk
City of Madison, Dane County, Wisconsin

DANE COUNTY TREASURER'S CERTIFICATE

I, Adam Gallagher, being the duly elected, qualified, and acting Treasurer of the County of Dane, do hereby certify that the records in my office show no unredeemed tax sales and no unpaid taxes or unpaid special assessments affecting any of the lands included in the plat of POPE FARM ESTATES, as of this ___ day of _____, 20___.

_____
Adam Gallagher, Dane County Treasurer

REGISTER OF DEEDS

Received for recording this_____day of _____, 20_____, at _____ O'clock ____.M. and

recorded in Volume _____ of Plats of Dane County on Page(s)

_____,as Document Number _____.

_____
Kristi Chlebowski
Register of Deeds of Dane County, Wisconsin

OWNER'S CERTIFICATE

The Middleton–Cross Plains Area School District, a body politic, duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that it caused land described on this Plat to be surveyed, divided, mapped, and dedicated as represented on this Plat. The Middleton–Cross Plains Area School District does further certify that this Plat is required by s. 236.10 or 236.12 Wisconsin Statutes, to be submitted to the following for approval or objection:

– City of Madison, Common Council
– Wisconsin Department of Administration
– Dane County Zoning and Land Regulation Committee

IN WITNESS WHEREOF, the said Middleton–Cross Plains Area School District has caused these presents to be signed by Robert Green, its President, on this _____ day of _____, 20_____.

MIDDLETON–CROSS PLAINS AREA SCHOOL DISTRICT,
a body politic

By:_____
Robert Green, President

STATE OF WISCONSIN)
) ss.
DANE COUNTY)

Personally came before me this _____ day of _____, 20_____, the above–named Robert Green, to me known to be the President of the Middleton–Cross Plains Area School District, acting in said capacity and known by me to be the person who executed the foregoing instrument and acknowledged the same.

_____
Notary Public, Dane County, Wisconsin
My Commission Expires:_____

Public Storm Water Drainage Easements:

Creation of Easement Rights: A permanent easement over, across and within the Easement Area is established, memorialized, reserved by, granted, conveyed, transferred and assigned to City of Madison for the uses and purposes hereinafter set forth. The Easement Area may be used by City of Madison for public storm water drainage purposes. City of Madison and its employees, agents and contractors shall have the right to construct, install, maintain, operate, repair, replace and reconstruct the Storm Water Drainage Facilities within the Easement Area. City of Madison shall have the further right of ingress and egress to and from the Easement Area in order to exercise its rights and privileges hereunder, and to cut and remove trees, vegetation and other impediments in the Easement Area which may obstruct or interfere with the actual or potential use of the Easement Area for the foregoing purposes.

Property Restoration: City of Madison shall repair any damage caused to any pavement, concrete or turf located within the Easement Area and/or the Property as a result of the use of the Easement Area by or on behalf of the City of Madison as provided herein. Following completion of any excavation work, City of Madison shall promptly restore the area affected by the work to the original grade and surface condition including the repair or replacement of pavement, concrete and turf.

Limitations on Use of Easement Area: The owner of the Property shall have the right to use the Easement Area for any purpose, provided such use shall not interfere with the easement rights of the City of Madison hereunder. No buildings or structures or fences unrelated to the Storm Water Drainage Facilities shall be constructed in and no grade change shall be made to the Easement Area without the written consent of the City of Madison's Engineering Division City Engineer.

Binding Effect: This Easement shall run with the land described herein and shall be binding upon the owners of the Property, and their successors in interest.

Release of Rights to Easements Created by Plat: Any release of rights that were placed on platted land which was required by a public body or which names a public body or public utility as grantee shall be released by recording a separate easement release document with the Dane County Register of Deeds in accordance with ss236.293.

Public Utility Easements:

Creation of Easement Rights: A permanent easement over, across and within the Easement Area is established, memorialized, reserved by, granted, conveyed, transferred and assigned to the City of Madison, and all other public utility companies registered to do business in the City of Madison, for the uses and purposes hereinafter set forth. The Easement Area may be used by City of Madison, and all other public utility companies registered to do business in the City of Madison, for the transmission of electrical, gas, telephone, cable, communication, video, and information services, together with the right of ingress and egress across the Easement Areas for the purpose of access to and use of these facilities. The City of Madison, and all other public utility companies registered to do business in the City of Madison, and their employees, agents and contractors shall have the right to construct, install, maintain, operate, repair, replace and reconstruct the utility facilities within the Easement Area. City of Madison, and all other public utility companies registered to do business in the City of Madison, shall have the further right of ingress and egress to and from the Easement Area in order to exercise its rights and privileges hereunder, and to cut and remove trees, vegetation and other impediments in the Easement Area which may obstruct or interfere with the actual or potential use of the Easement Area for the foregoing purposes.

Property Restoration: City of Madison shall repair any damage caused to any pavement, concrete or turf located within the Easement Area and/or the Property as a result of the use of the Easement Area by or on behalf of the City of Madison as provided herein. Following completion of any excavation work, City of Madison shall promptly restore the area affected by the work to the original grade and surface condition including the repair or replacement of pavement, concrete and turf.

Limitations on Use of Easement Area: The owner of the Property shall have the right to use the Easement Area for any purpose, provided such use shall not interfere with the easement rights of the City of Madison, and all other public utility companies registered to do business in the City of Madison, hereunder. No buildings or structures or fences unrelated to the public utility facilities shall be constructed in and no grade change shall be made to the Easement Area without the written consent of the City of Madison, and all other public utility companies registered to do business in the City of Madison, having rights to the easement area.

Binding Effect: This Easement shall run with the land described herein and shall be binding upon the owners of the Property, and their successors in interest.

Release of Rights to Easements Created by Plat: Any release of rights that were placed on platted land which was required by a public body or which names a public body or public utility as grantee shall be released by recording a separate easement release document with the Dane County Register of Deeds in accordance with ss236.293.

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified _____, 20_____

Department of Administration

vierbicher
planners | engineers | advisors
REEDSBURG - MADISON - PRAIRIE DU CHIEN
999 Fourier Drive, Suite 201 Madison, Wisconsin 53717
Phone: (608) 826-0532 Fax: (608) 826-0530

DRAFTED BY: PKNU
CHECKED BY: MSCH
FN: 180222
DATE: December 19, 2018
REV:
REV:
REV:
REV:

PREPARED FOR:
Middleton–Cross Plains Area School District
7106 South Avenue
Middleton, WI 53562

M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Final Plat Elementary.dwg by: pknu

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING MONITORING WELL
- EXISTING POST
- EXISTING SIGN (TYPE NOTED)
- EXISTING PARKING METER
- EXISTING CURB INLET
- EXISTING ENDWALL
- EXISTING FIELD INLET RECTANGULAR
- EXISTING FIELD INLET
- EXISTING ROOF DRAIN CLEANOUT
- EXISTING ROOF DRAIN
- EXISTING STORM MANHOLE
- EXISTING STORM MANHOLE RECTANGULAR
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY MANHOLE
- EXISTING SEPTIC VENT
- EXISTING FIRE HYDRANT
- EXISTING FIRE DEPARTMENT CONNECTION
- EXISTING WATER MAIN VALVE
- EXISTING CURB STOP
- EXISTING WELL
- EXISTING WATER MANHOLE
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING AIR CONDITIONING PEDESTAL
- EXISTING DOWN GUY
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC RECTANGULAR MANHOLE
- EXISTING ELECTRIC PEDESTAL
- EXISTING TRANSFORMER
- EXISTING ELECTRIC METER
- EXISTING GUY POLE
- EXISTING LIGHT POLE
- EXISTING GENERIC LIGHT
- EXISTING UTILITY POLE
- EXISTING TV MANHOLE
- EXISTING TV RECTANGULAR MANHOLE
- EXISTING TV PEDESTAL
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED MANHOLE
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING HANDICAP PARKING
- EXISTING TRAFFIC SIGNAL
- EXISTING SHRUB
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING BORING

TOPOGRAPHIC LINEWORK LEGEND

- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD CABLE TV
- EXISTING FIBER OPTIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING RETAINING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING GENERAL FENCE
- EXISTING WIRE FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING GUY LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD GENERAL UTILITIES
- EXISTING SANITARY FORCE MAIN (SIZE NOTED)
- EXISTING SANITARY SEWER LINE (SIZE NOTED)
- EXISTING STORM SEWER LINE (SIZE NOTED)
- EXISTING EDGE OF TREES
- EXISTING WATER MAIN (SIZE NOTED)
- EXISTING WETLAND DELINEATION
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED CHAIN LINK FENCE
- PROPOSED WOOD FENCE
- PROPOSED CONCRETE
- PROPOSED LIGHT-DUTY ASPHALT
- PROPOSED HEAVY-DUTY ASPHALT
- PROPOSED SIGN
- PROPOSED LIGHT POLE
- PROPOSED BOLLARD
- PROPOSED ADA DETECTABLE WARNING FIELD
- PROPOSED HANDICAP PARKING

ABBREVIATIONS

TC – TOP OF CURB
FF – FINISHED FLOOR
FL – FLOW LINE
SW – TOP OF WALK
TW – TOP OF WALL
BW – BOTTOM OF WALL

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER PIPE (FORCE MAIN)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER MAIN
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- CURB STOP
- WATER VALVE MANHOLE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

GRADING LEGEND

- EXISTING MAJOR CONTOURS (820)
- EXISTING MINOR CONTOURS (818)
- PROPOSED MAJOR CONTOURS (820)
- PROPOSED MINOR CONTOURS (818)
- DITCH CENTERLINE
- SILT FENCE
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS (2.92%)
- EXISTING SPOT ELEVATIONS (1048.61)
- PROPOSED SPOT ELEVATIONS (1048.61)
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION
- EROSION MAT CLASS A TYPE 1
- EROSION MAT CLASS B TYPE 1
- TRACKING PAD
- RIP RAP

GENERAL NOTES:

1. INSTALL A 50'L X 20'W X 1.5'D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
2. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR. ALL MAINTENANCE/REPAIR WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
3. UTILITY STRUCTURE RIM AND TOP OF CURB ELEVATIONS ON PLANS ARE APPROXIMATE. UTILITY STRUCTURES SHALL BE SET TO FINAL ELEVATIONS AFTER THE CURB & GUTTER AND BASE COURSE HAVE BEEN INSTALLED.
4. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION TO PUBLIC PROPERTY, PRIVATE PROPERTY OR UTILITIES.
5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER, PRIOR TO PLACING AN ORDER OF ANY SUCH ITEM.
6. EXISTING TOPOGRAPHIC INFORMATION IS BASED ON FIELD OBSERVATIONS AND/OR PLAN OF RECORD DRAWINGS. CONTRACTOR SHALL VERIFY TOPOGRAPHIC INFORMATION PRIOR TO STARTING CONSTRUCTION.
7. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING SANITARY SEWER, STORM SEWER AND WATER MAIN PRIOR TO CONSTRUCTION TO ENSURE PROPER CLEARANCE OF THE NEW UTILITIES. CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO THE EXISTING UTILITIES AND ANY REPAIRS NEEDED AS A RESULT OF THE DAMAGE SHALL BE AT THE EXPENSE OF THE CONTRACTOR REGARDLESS OF THE LOCATION MARKED IN THE FIELD OR SHOWN ON THE PLANS.
8. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.
9. RIGHT OF WAY (ROW) AND PROPERTY LINES ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
10. CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.
11. INSTALL WATER MAIN AT ADEQUATE DEPTH (MIN 6.5' OF COVER) TO AVOID CONFLICT WITH PROPOSED SANITARY SEWER AND STORM SEWER PER DNR STANDARDS EXCEPT WHERE NOTED ON THE PLANS. MAINTAIN MINIMUM 1.5' CLEAR SEPARATION IF WATER CROSSES BELOW SEWER AND MINIMUM 0.5' IF WATER CROSSES ABOVE.
12. SANITARY MANHOLES WITH SEWER MAIN CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN EXTERNAL DROP. MANHOLES WITH SEWER LATERAL CONNECTIONS GREATER THAT 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN INTERNAL DROP.
13. INSTALL 1 SHEET OF 4'x8'x4" HIGH DENSITY STYROFOAM INSULATION AT ALL LOCATIONS WHERE STORM SEWER CROSSES WATER MAIN OR WATER LATERALS.
14. DIMENSIONS RELATING TO CURB ARE TO FACE OF CURB.
15. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADES SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
16. CROSS-SLOPE OF SIDEWALKS SHALL BE 1.5% UNLESS OTHERWISE NOTED.
17. LONGITUDINAL GRADE OF SIDEWALK RAMPS SHALL NOT EXCEED 8.33% (1:12) AND SHALL BE IN ACCORDANCE WITH ADA REQUIREMENTS.
18. LONGITUDINAL GRADE OF SIDEWALK SHALL NOT EXCEED 5.0% OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER.
19. ACCESSIBLE ROUTES SHALL BE 5% MAX LONGITUDINAL SLOPE AND 1.5% MAX CROSS SLOPE. ACCESSIBLE LOADING AREAS OR LANDINGS SHALL BE 2% MAX SLOPE IN ANY DIRECTION. RAMPS SHALL BE 8.33% MAX SLOPE.

UTILITY NOTES:

1. SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
2. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
4. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
5. FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
6. IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
7. A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
8. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
9. PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
10. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 – SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
11. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
12. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b.).
13. NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
14. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
15. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
16. PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
18. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
19. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
20. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.

AGENCIES:

EMERGENCY – FIRE, RESCUE, AMBULANCE, POLICE
DIAL 911

UNITED STATES POST OFFICE
3902 MILWAUKEE ST
MADISON, WI 53714-9998
PHONE: 608-831-5501

MADISON POLICE DEPARTMENT
211 S. CARROL ST
MADISON, WI 53703
PHONE: 608-255-2345 NON-EMERGENCY

MADISON FIRE DEPARTMENT
30 W. MIFFLIN ST.
MADISON, WI 53703
PHONE: 608-266-4420 NON-EMERGENCY

MADISON METRO
1245 E. WASHINGTON AVE.
SUITE 201
MADISON, WI 53703
TIM SOBOTA
PHONE: 608-261-4289

UTILITIES:

MG&E (GAS)
PO BOX 1231
MADISON WI 53701
SHAUN ENDRES
PHONE: 608-252-7224 (O)
608-516-7913 (C)

ALLIANT ENERGY (ELECTRIC)
2147 COUNTY HIGHWAY PB
VERONA, WI 53593
NICHOLAS DACHNIWSKY
PHONE: 608-845-1143

CHARTER COMMUNICATIONS (CABLE TV)
2701 DANIELS STREET
MADISON, WI 53718
JON MARSCHKE
PHONE: 608-225-2479

TDS (TELEPHONE + FIBER)
1912 PARMENTER ST
MIDDLETON, WI 53562
JERRY MYERS
PHONE: 608-664-4404

CITY OF MADISON – CITY ENGINEER
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING JR. BOULEVARD
MADISON, WI 53703
ROBERT F. PHILLIPS, P.E.
PHONE: 608-266-4090

CITY OF MADISON – SANITARY AND STORM SEWER ENGINEER
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING JR. BOULEVARD
MADISON, WI 53703
GREG FRIES
PHONE: 608-267-1199

CITY OF MADISON – WATER UTILITY
119 EAST OLIN AVE.
MADISON, WI 53703
TOM HEIKKINEN, GENERAL MANAGER
PHONE: 608-266-4651

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Site General Notes & Legends

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS		
NO.	DATE	REMARKS

REVISIONS		
NO.	DATE	REMARKS

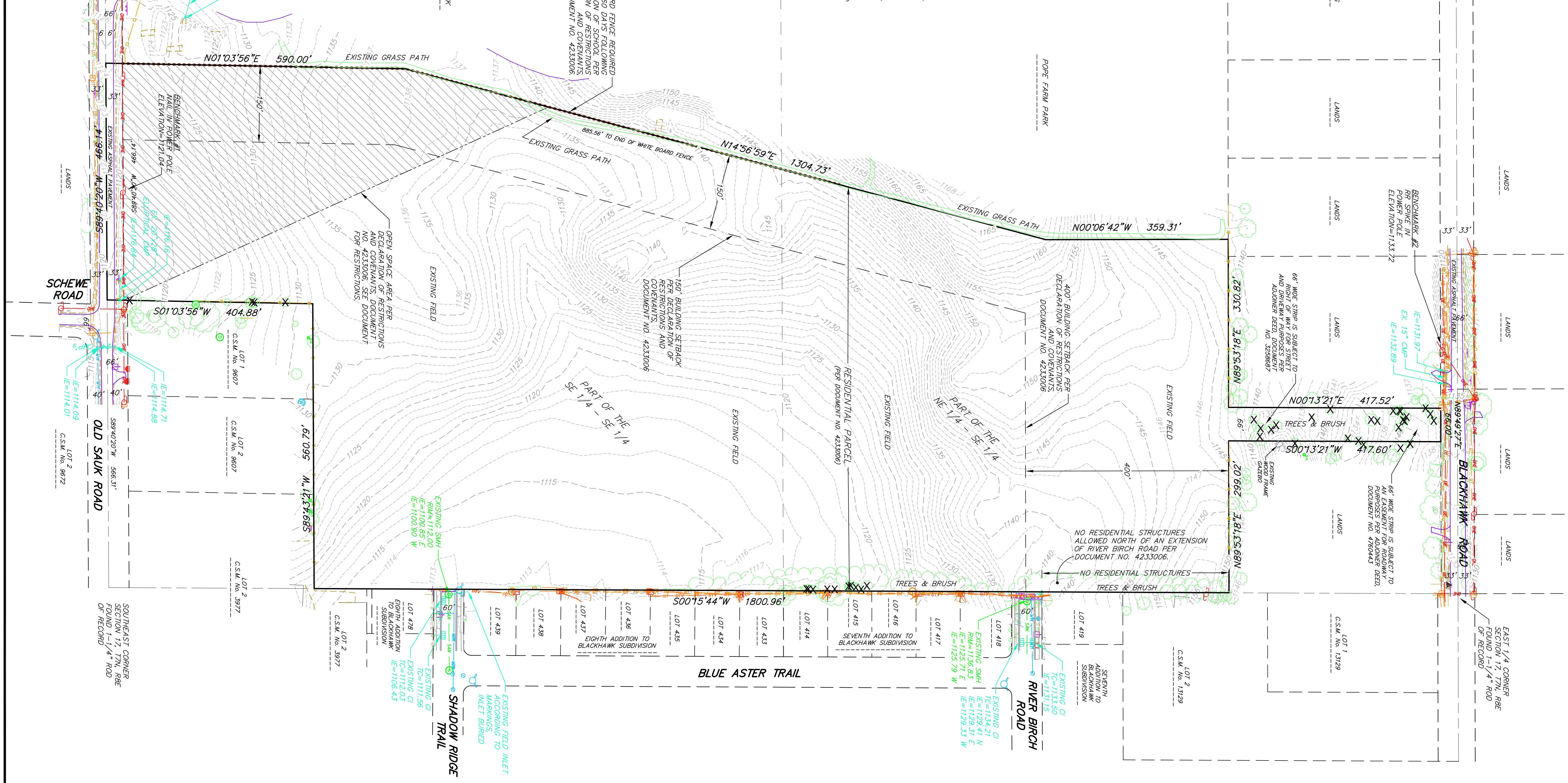
SCALE: AS SHOWN
DATE: 2/5/19
DRAFTER: BBAR/JGOL
CHECKED: MSCH/TSCH
PROJECT NO.: 180222

C
1

06 Feb 2019 - 3:18a M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Title and Details.dwg by: bbar

SURVEY NOTES:

1. All underground utilities have been located per markings placed on the ground or maps provided by the utilities (owners) and or their authorized representatives. Markings are per Digger's Hotline Ticket No's 20182911441, 20182911678, 20182911764, 20182911896, 20182911942, 20182911978, 20182911999 and 20182912012. Vierbicher does not warrant the locations marked or mapped by others.
2. Field work for this map was completed on August 2, 2018. Any physical changes after this date on the site within the survey limits are not reflected on this map.
3. This map is referenced to the Wisconsin County Coordinate System, Dane Zone NAD 83 (1991). Elevations are referenced to NAVD 88 (1991) datum. Project benchmark is a found 1–1/4" rebar at the East 1/4 Corner of Section 17, T7N, R8E, Elevation=1132.05 Field data was obtained using Robotic Total Station and GPS.
4. The property lines shown on this map are based on found property corners and the surveys of record.
5. The total area including the Old Sauk Road right–of–way is 1,735,947 square feet or 39.852 acres, more or less. The total area excluding the Old Sauk Road right–of–way is 1,720,564 square feet or 39.499 acres, more or less.
6. The property surveyed is subject to easements, restrictions and covenants as listed in the Title Report, NCS–923403–MAD, dated September 5, 2018 as provided by First American Title Insurance Company.
7. This map was prepared at the request of Middleton – Cross Plains Area School District, c/o Eppstein Uhen Architects, Inc., attn: Jackie Michaels, Project Manager, 333 East Chicago Street, Milwaukee, WI 53202.



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Existing Condtions
Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS		
NO.	DATE	REMARKS

REVISIONS		
NO.	DATE	REMARKS

SCALE AS SHOWN

DATE 2/5/19

DRAFTER BBAR/JGOL

CHECKED MSCH/TSCH

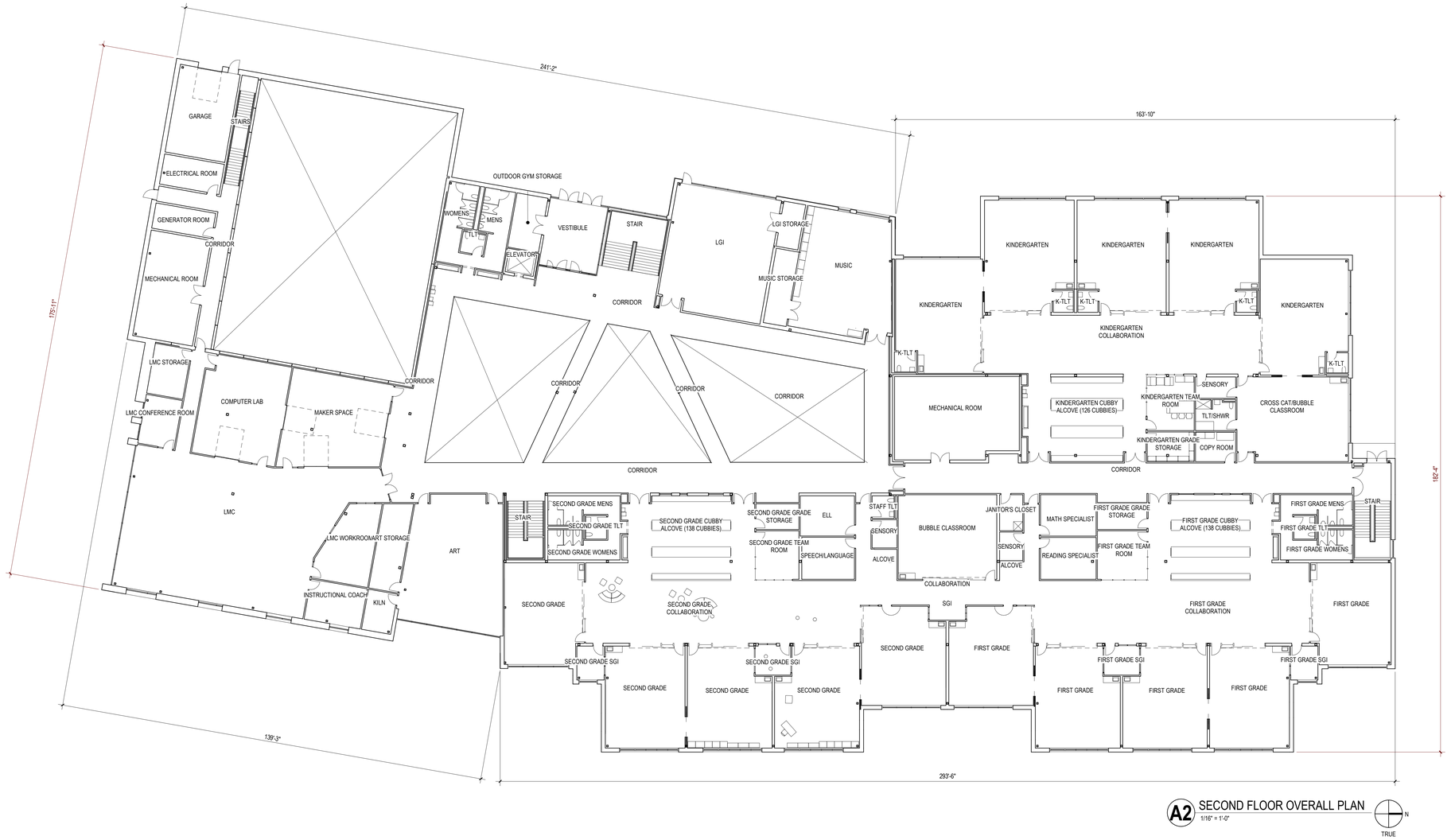
PROJECT NO. 180222

C 2

A2 FIRST FLOOR OVERALL PLAN
1/16" = 1'-0"

N
TRUE

OVERALL FIRST FLOOR PLAN



A2 SECOND FLOOR OVERALL PLAN
1/16" = 1'-0"

N
TRUE

OVERALL SECOND FLOOR PLAN

eppstein uhen : architects

MIDDLETON - CROSS PLAINS AREA SCHOOL DISTRICT - POPE FARM ELEMENTARY SCHOOL

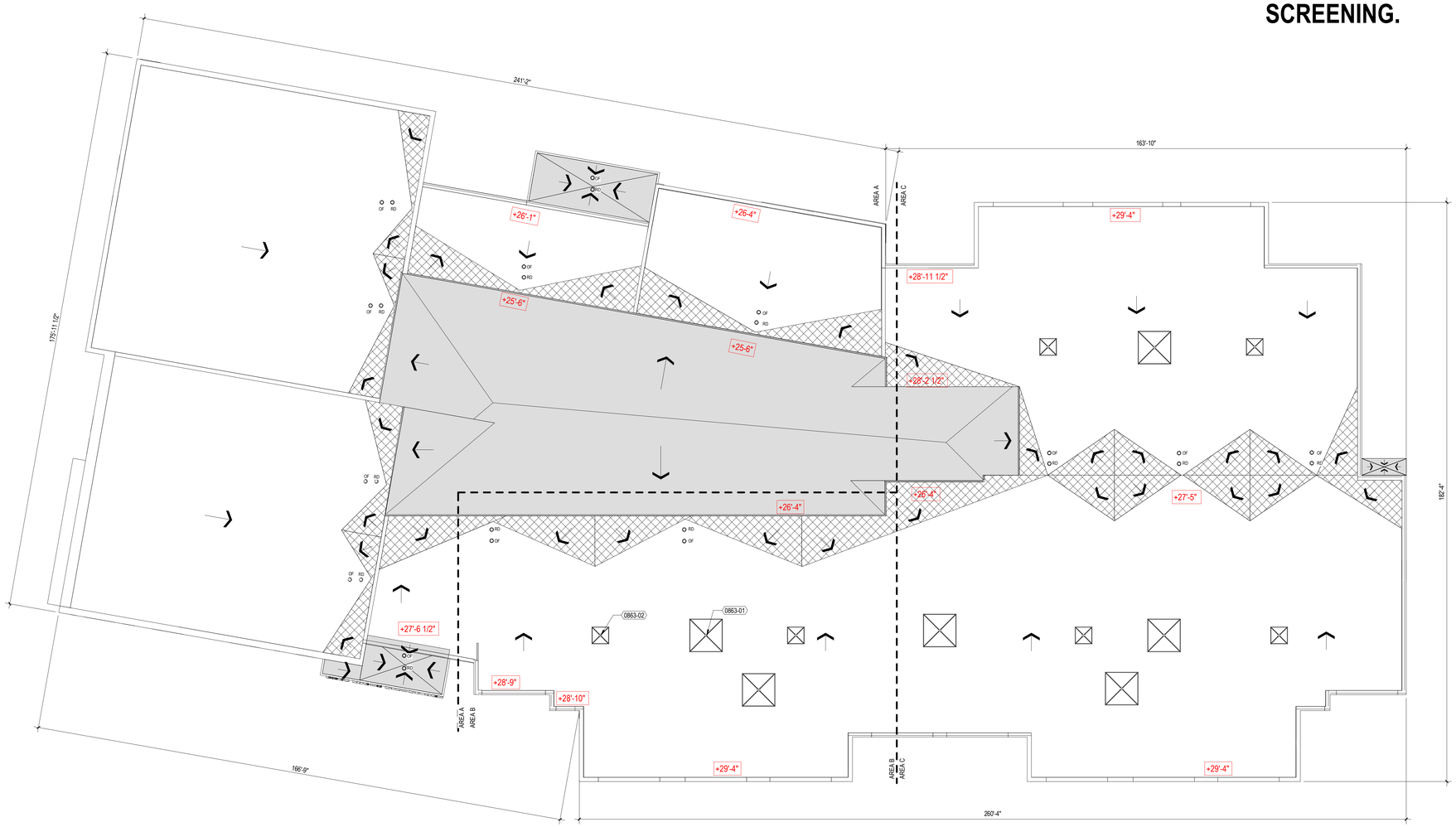
316517-01
1/9/2019

KEYNOTES PER SHEET	
0863-01	METAL-FRAMED SKYLIGHT #1 (LARGE)
0863-02	METAL-FRAMED SKYLIGHT #2 (SMALL)

ROOF PLAN LEGEND

RD	INDICATES ROOF DRAIN WITH SUMP PAN
OF	INDICATES OVERFLOW ROOF DRAIN WITH SUMP PAN
←	INDICATES SLOPE DIRECTION OF ROOF AND TAPERED INSULATION.
	NO HATCH INDICATES SLOPED STRUCTURE.
	INDICATES FLAT STRUCTURE AND TAPERED INSULATION WITH MINIMUM SLOPE OF 1/4" PER FOOT, UNLESS NOTED OTHERWISE.
	INDICATES TAPERED INSULATION/SADDLES/ CRICKETS WITH MINIMUM SLOPE OF 1/2" PER FOOT, UNLESS NOTED OTHERWISE.

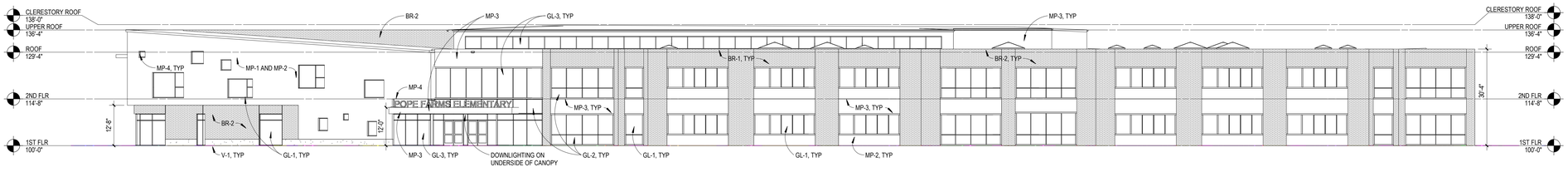
ROOF WILL NOT HOUSE MECHANICAL UNITS OR SCREENING.



A2 OVERALL ROOF PLAN
1/16" = 1'-0"

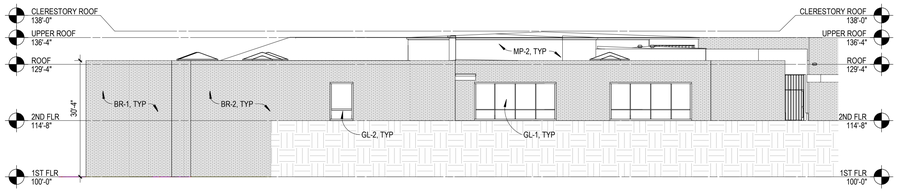
N
TRUE

OVERALL ROOF PLAN



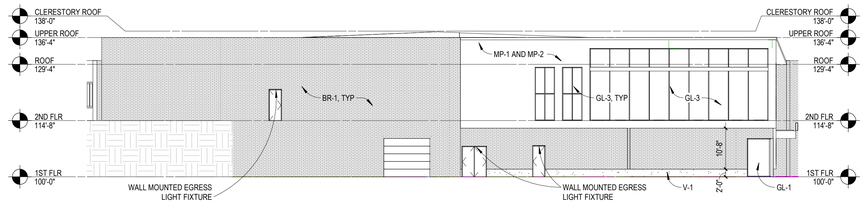
C1 EAST ELEVATION
1/16" = 1'-0"

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"



B2 NORTH ELEVATION
1/16" = 1'-0"

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"



B5 SOUTH ELEVATION
1/16" = 1'-0"

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

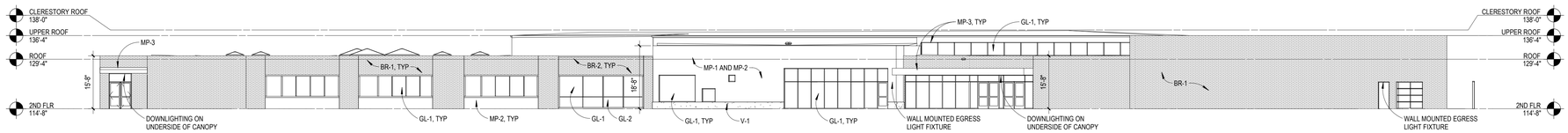
EXTERIOR MATERIAL SCHEDULE

MP-1 DARK GREEN METAL PANEL
MP-2 LIGHT GREEN METAL PANEL
MP-3 DARK GRAY METAL PANEL
MP-4 YELLOW METAL PANEL

BR-1 DARK GRAY BRICK
BR-2 TAN BRICK

GL-1 STOREFRONT
GL-2 SPANDREL
GL-3 CURTAIN WALL

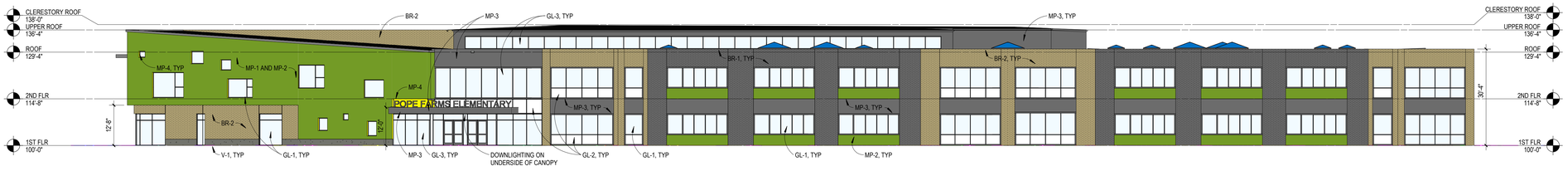
V-1 PRECAST VENEER



A2 WEST ELEVATION
1/16" = 1'-0"

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

OVERALL EXTERIOR ELEVATIONS



C1 EAST ELEVATION
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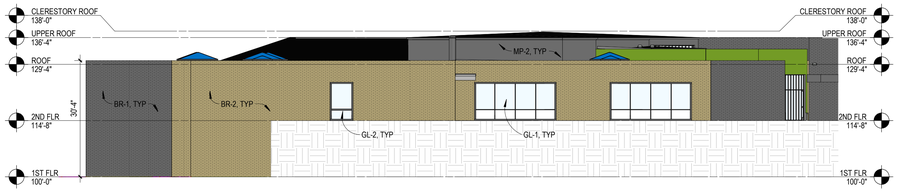
0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"



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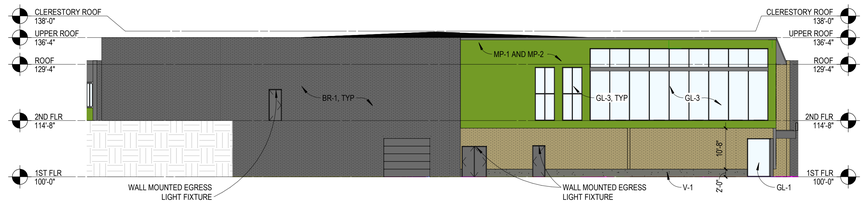
SCALE: 1/16" = 1'-0"



B5 SOUTH ELEVATION
1/16" = 1'-0"

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

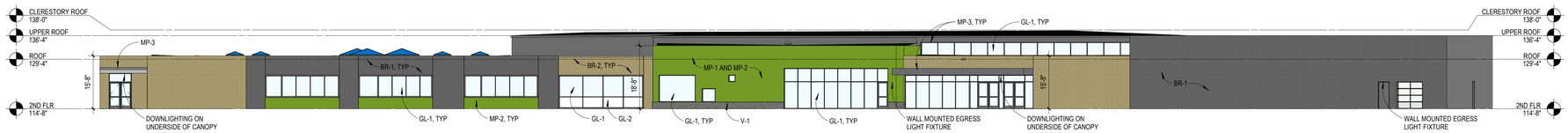
EXTERIOR MATERIAL SCHEDULE

MP-1 DARK GREEN METAL PANEL
MP-2 LIGHT GREEN METAL PANEL
MP-3 DARK GRAY METAL PANEL
MP-4 YELLOW METAL PANEL

BR-1 DARK GRAY BRICK
BR-2 TAN BRICK

GL-1 STOREFRONT
GL-2 SPANDREL
GL-3 CURTAIN WALL

V-1 PRECAST VENEER



A2 WEST ELEVATION
1/16" = 1'-0"

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

OVERALL EXTERIOR ELEVATIONS - COLOR

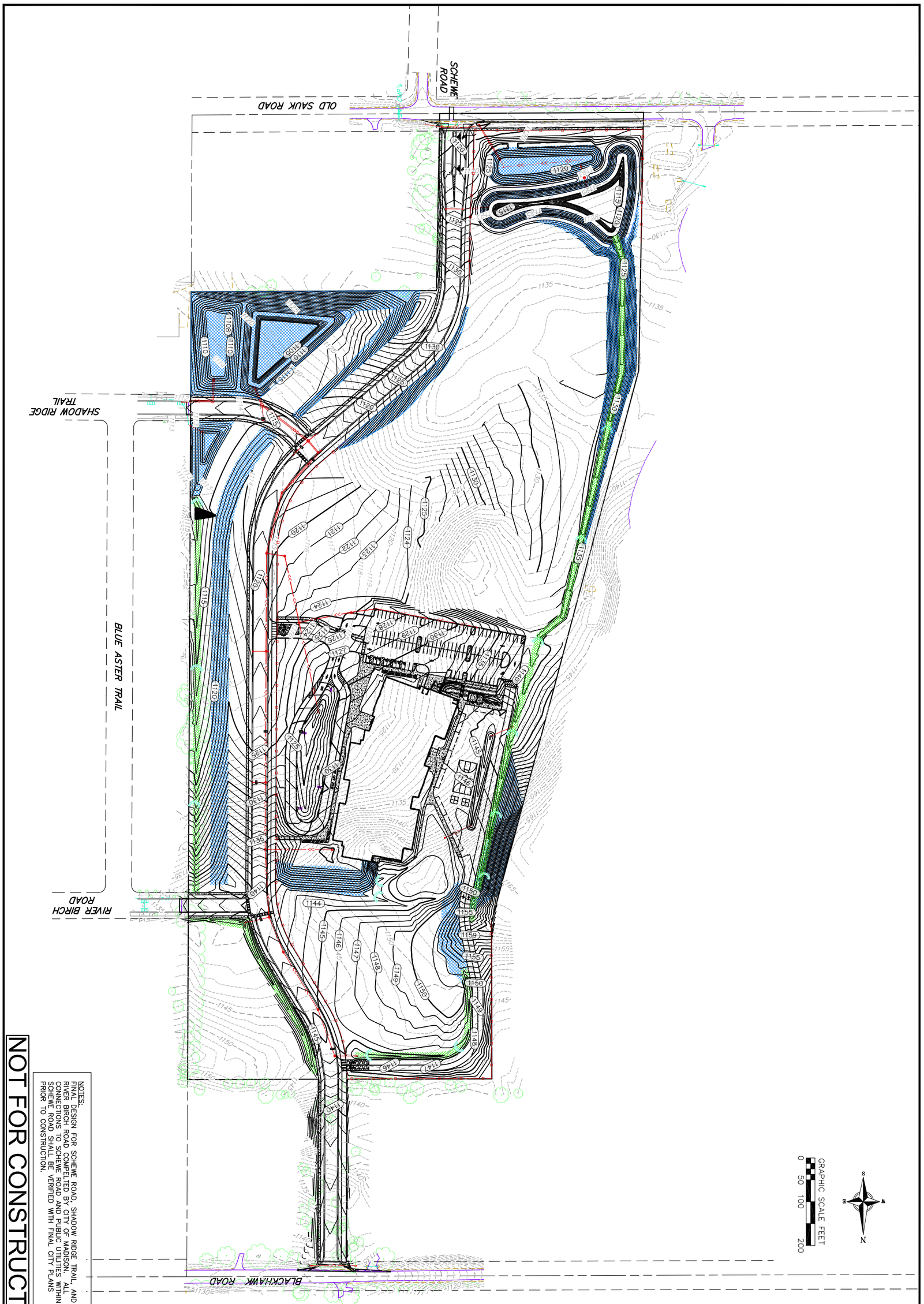
SOUTHEAST AERIAL

MAIN ENTRY

3D VIEWS OF PROPOSED DESIGN

WEST ENTRY

NORTHWEST AERIAL



NOT FOR CONSTRUCTION

NOTES:
FINAL DESIGN FOR SCHEWE ROAD, SHADOW RIDGE TRAIL, AND RIVER BIRCH ROAD COMPLETED BY CITY OF MADISON. ALL CONNECTIONS TO SCHEWE ROAD AND PUBLIC UTILITIES WITHIN SCHEWE ROAD SHALL BE VERIFIED WITH FINAL CITY PLANS PRIOR TO CONSTRUCTION.

3 | C

PROJECT NO. 180222
CHECKED MSCH/TSCH
DRAFTER BBAR/JRDL
DATE 2/5/19
SCALE AS SHOWN

REVISIONS			REVISIONS		
NO.	DATE	REMARKS	NO.	DATE	REMARKS

Lot 1 Grading and Erosion Control Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

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EROSION MAT, CLASS 1 TYPE B (TYP.)

STONE WEEPER (TYP.)

TRACKING PAD

DROP OFF ZONE

TRACKING PAD

EROSION MAT, CLASS 1 TYPE A (TYP.)

SILT FENCE (TYP.)

GRAPHIC SCALE FEET
0 25' 50' 100'

NOTES:
FINAL DESIGN WITHIN SCHEWE ROAD RIGHT OF WAY COMPELTED BY CITY OF MADISON. ALL CONNECTIONS TO SCHEWE ROAD AND PUBLIC UTILITIES WITHIN SCHEWE ROAD SHALL BE VERIFIED WITH FINAL CITY PLANS PRIOR TO CONSTRUCTION.

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Elementary Grading & Erosion Control Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS			REVISIONS		
NO.	DATE	REMARKS	NO.	DATE	REMARKS

SCALE: AS SHOWN
DATE: 2/5/19
DRAFTER: BBAR/JGOL
CHECKED: MSCH/TSCH
PROJECT NO.: 180222

C
4

FIRST FLOOR ELEVATION = 1133.00
SECOND FLOOR ELEVATION = 1147.67

GRAPHIC SCALE FEET
0 10 20 40

DROP OFF ZONE

SCHEWE ROAD

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East Grading & Erosion Control Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	
NO.	DATE	REMARKS	

SCALE: AS SHOWN
DATE: 2/5/19
DRAFTER: BBAR/JGOL
CHECKED: MSCH/TSCH
PROJECT NO.: 180222

C
5

06 Feb 2019 - 2:00p M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Grading and EC.dwg by: bbar

GRAPHIC SCALE FEET
0 10 20 40

FIRST FLOOR ELEVATION = 1133.00
SECOND FLOOR ELEVATION = 1147.67

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West Grading & Erosion Control Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS		
NO.	DATE	REMARKS

REVISIONS		
NO.	DATE	REMARKS

SCALE: AS SHOWN
DATE: 2/5/19
DRAFTER: BBAR/JGOL
CHECKED: MSCH/TSCH
PROJECT NO.: 180222

C
6

GRAPHIC SCALE FEET
0 10 20 40

1147.34 EP
1147.60 EP
1147.97 EP
1147.72 SW
1148.17 EP
1148.65 EP
1159.63 EP
1159.15 EP
1149.72 EP
1149.24 EP
1148.55 EP
1148.07 EP
1147.35 EP
1146.87 EP
1145.91 SW
1146.15 SW
1146.80 SW
1147.67 FF
1131.82 SW
1144.75 EP
1144.11 EP

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North Grading & Erosion Control Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS NO.	DATE	REMARKS

REVISIONS NO.	DATE	REMARKS

SCALE: AS SHOWN
DATE: 2/5/19
DRAFTER: BBAR/JGOL
CHECKED: MSCH/TSCH
PROJECT NO.: 180222

C
7

06 Feb 2019 - 2:18a M:\EUA\180222_WCPASD Elementary School - Pope Farm 2018\CADD\180222 - Grading and EC.dwg by: bbar

GRAPHIC SCALE FEET
0 50' 100' 200'

WET BASIN
INFILTRATION BASIN
INTERSECTION DESIGN BY OTHERS (CITY OF MADISON)
PROPOSED ROADWAY
LOT 18
LOT 17
LOT 16
LOT 15
WET BASIN
INFILTRATION BASIN
LOT 14
LOT 13
LOT 12
BIORETENTION BASIN
LOT 11
LOT 10
LOT 9
LOT 8
PROPOSED SINGLE FAMILY LOTS
LOT 7
LOT 6
LOT 5
LOT 4
LOT 3
PROPOSED WATER AND SEWER LATERALS (TYP.)
RETAINING WALL
PROPOSED WATER MAIN (TYP.)
PROPOSED STORM SEWER (TYP.)
BUS PARKING
121 PARKING STALLS
PROPOSED ELEMENTARY SCHOOL
PARENT DROP OFF
LOT 1
BUS ENTRANCE/EXIT
INTERSECTION DESIGN BY OTHERS (CITY OF MADISON)
PROPOSED STORM SEWER (TYP.)
LOT 2
PROPOSED SANITARY SEWER (TYP.)
PROPOSED WATER MAIN (TYP.)
OUTLOT 1
10' WIDE PUBLIC STORM WATER DRAINAGE EASEMENT
EIGHTH ADDITION TO BLACKHAWK SUBDIVISION
SEVENTH ADDITION TO BLACKHAWK SUBDIVISION
LANDS
TOWN OF MIDDLETON
POPE FARM PARK
C.S.M. No. 9607
C.S.M. No. 9672
C.S.M. No. 3977
C.S.M. No. 13129
OLD SAUK ROAD
SHADOW RIDGE TRAIL
RIVER BIRCH ROAD
BLACKHAWK ROAD

NOTES:
FINAL DESIGN WITHIN SCHEWE ROAD RIGHT OF WAY COMPELTED BY CITY OF MADISON. ALL CONNECTIONS TO SCHEWE ROAD AND PUBLIC UTILITIES WITHIN SCHEWE ROAD SHALL BE VERIFIED WITH FINAL CITY PLANS PRIOR TO CONSTRUCTION.

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Lot 1 Site and Utility Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

SCALE
AS SHOWN

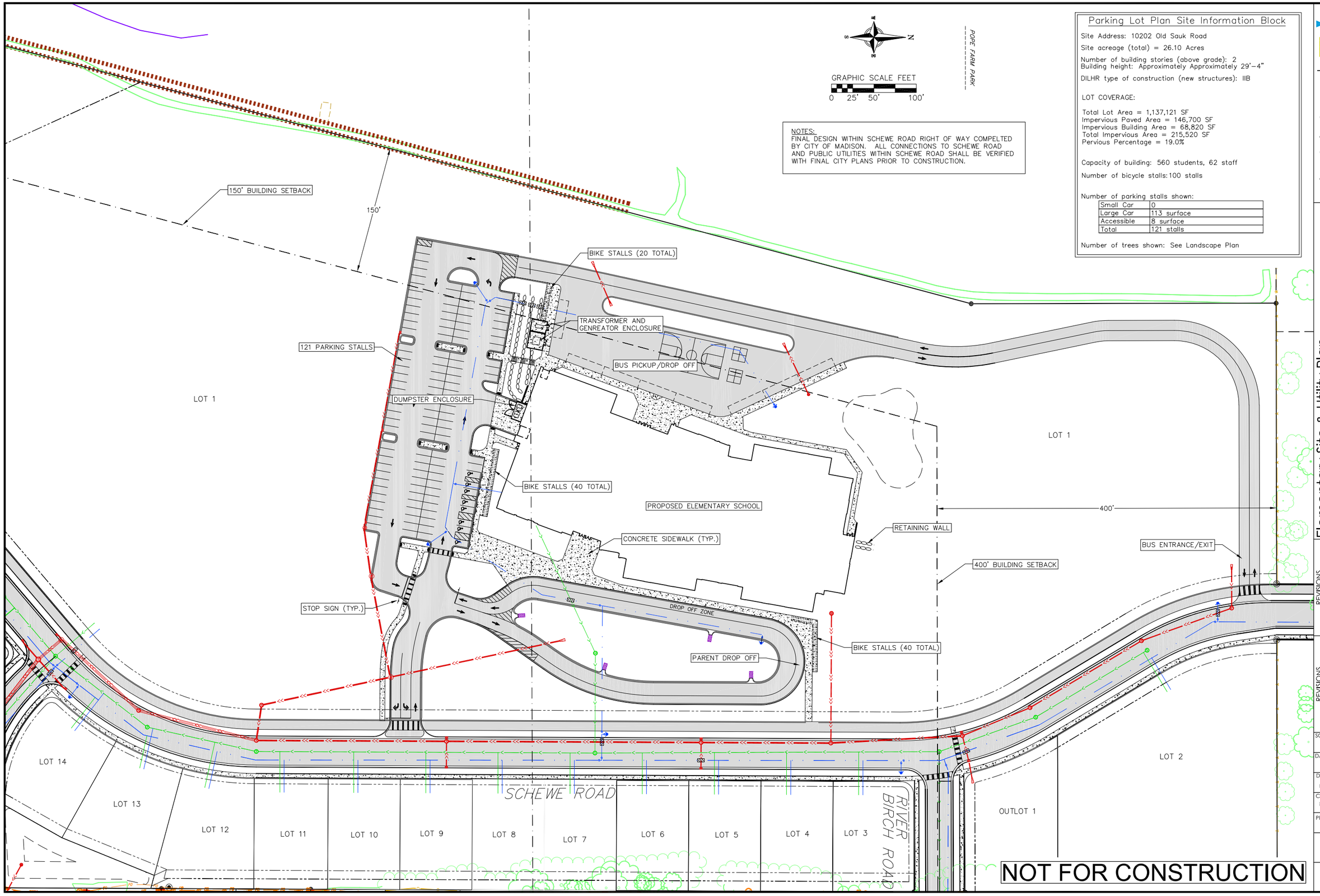
DATE
2/5/19

DRAFTER
BBAR/JGOL

CHECKED
MSCH/TSCH

PROJECT NO.
180222

C
8



NOTES:
FINAL DESIGN WITHIN SCHEWE ROAD RIGHT OF WAY COMPELTED BY CITY OF MADISON. ALL CONNECTIONS TO SCHEWE ROAD AND PUBLIC UTILITIES WITHIN SCHEWE ROAD SHALL BE VERIFIED WITH FINAL CITY PLANS PRIOR TO CONSTRUCTION.

Parking Lot Plan Site Information Block

Site Address: 10202 Old Sauk Road

Site acreage (total) = 26.10 Acres

Number of building stories (above grade): 2
Building height: Approximately Approximately 29'-4"

DILHR type of construction (new structures): IIB

LOT COVERAGE:

Total Lot Area = 1,137,121 SF
Impervious Paved Area = 146,700 SF
Impervious Building Area = 68,820 SF
Total Impervious Area = 215,520 SF
Pervious Percentage = 19.0%

Capacity of building: 560 students, 62 staff

Number of bicycle stalls: 100 stalls

Number of parking stalls shown:

Small Car	0
Large Car	113 surface
Accessible	8 surface
Total	121 stalls

Number of trees shown: See Landscape Plan

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Elementary Site & Utility Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

SCALE
AS SHOWN

DATE
2/5/19

DRAFTER
BBAR/JGOL

CHECKED
MSCH/TSCH

PROJECT NO.
180222

C
9

NOT FOR CONSTRUCTION

06 Feb 2019 - 5:46a M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Plan and Profile.dwg by: bbar

NOTES:
FINAL DESIGN WITHIN SCHEWE ROAD RIGHT OF WAY COMPELTED BY CITY OF MADISON. ALL CONNECTIONS TO SCHEWE ROAD AND PUBLIC UTILITIES WITHIN SCHEWE ROAD SHALL BE VERIFIED WITH FINAL CITY PLANS PRIOR TO CONSTRUCTION.

GRAPHIC SCALE FEET
0 10' 20' 40'

S154: 48" CONC CB
R-3067 FRAME
TYPE R GRATE
TC=1127.15
IE=1122.54 E
IE=1122.64 W

S144: 60" CONC CB
R-3067 FRAME
TYPE R GRATE
TC=1124.31
IE=1120.21 E
IE=1120.31 W

S145: 60" CONC CB
R-3067 FRAME
TYPE L GRATE
TC=1123.61
IE=1118.89 S
IE=1119.24 N
IE=1118.99 W

S165: 48" CONC SMH
RIM=1119.42
IE=1115.51 E
IE=1115.61 SW

S7: 48" CONC SMH
RIM=1123.63
CONFIRM ELEVATIONS
WITH FINAL CITY PLANS
IE=1110.53 S
IE=1110.63 N
IE=1110.80 W

6" Gate Valve
6"X6" TEE
6" D.I. WATER MAIN
57'-18" RCP STORM @ 3.90%
121'-18" RCP STORM @ 1.00%
211'-15" RCP STORM @ 1.51%
155'-18" RCP STORM @ 2.33%
166'-6" PVC SAN @ 3.86%
118'-6" PVC SAN @ 4.00%
IE=1122.43
15" EW
18" CONCRETE CURB & GUTTER
24" MOUNTABLE CONCRETE CURB & GUTTER
DROP OFF ZONE
PARENT DROP OFF LANE
FIRE HYDRANT
CONCRETE SURFACE DRAIN (TYP.)
DRY UTILITY EASEMENT (TYP.)
RIGHT OF WAY (TYP.)
FINAL DESIGN WITHIN SCHEWE ROAD RIGHT OF WAY TO BE COMPLETED BY CITY
SCHEWE ROAD
13+50 14+00 14+50 15+00 15+50 16+00 16+50 17+00 17+50 18+00 18+50 19+00

NOT FOR CONSTRUCTION

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East Site & Utility Plan
Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

SCALE
AS SHOWN

DATE
2/5/19

DRAFTER
BBAR/JGOL

CHECKED
MSCH/TSCH

PROJECT NO.
180222

C
10

06 Feb 2019 - 4:23a M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Plan and Profile.dwg by: bbar

24" MOUNTABLE CONCRETE CURB & GUTTER
PAVEMENT MARKINGS (TYP.)
12" CONCRETE BLOCK CURB
IE=1141.16
12" RCP EW
PROPERTY LINE (TYP.)
57'-12" RCP STORM @ 1.28%
20 BIKE STALLS
PAVEMENT MARKINGS (TYP.)
FIRE HYDRANT
6" Gate Valve
6" Gate Valve
6"X6" TEE
IE=1141.89
12" RCP EW
S156: 2' x 3' CI
R-3067 FRAME
TYPE L GRATE
TC=1132.37
IE=1126.66 E
24" MOUNTABLE
CONCRETE CURB
& GUTTER
CONCRETE SIDEWALK
18" CONCRETE CURB & GUTTER
BOULDER RETAINING WALL (TYP.)
IE=1143.00
12" RCP EW
BUS STALL (TYP.OF 8)
6" D.I. WATER MAIN
67'-12" RCP STORM @ 0.50%
117'-12" RCP STORM @ 1.50%
S155: 2' x 3' CI
R-3067 FRAME
TYPE L GRATE
TC=1128.91
IE=1124.65 E
IE=1124.90 W
6" D.I. WATER MAIN
CONCRETE SIDEWALK (TYP.)
S152: 30" CONC FI
IN BELL GRATE
RIM=1145.00
IE=1143.34 SW
6" Gate Valve
FIRE HYDRANT
DETECTABLE
WARNING
FIELD (TYP.)
DUMPSTER ENCLOSURE
111'-15" RCP STORM @ 1.50%
6" Gate Valve
6"X6" TEE
40 BIKE STALLS
6" D.I. WATER MAIN
18'-18" RCP STORM @ 3.90%
166'-6" PVC STORM @ 0.50%

GRAPHIC SCALE FEET
0 10' 20' 40'

NOT FOR CONSTRUCTION

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West Site & Utility Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

SCALE
AS SHOWN

DATE
2/5/19

DRAFTER
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MSCH/TSCH

PROJECT NO.
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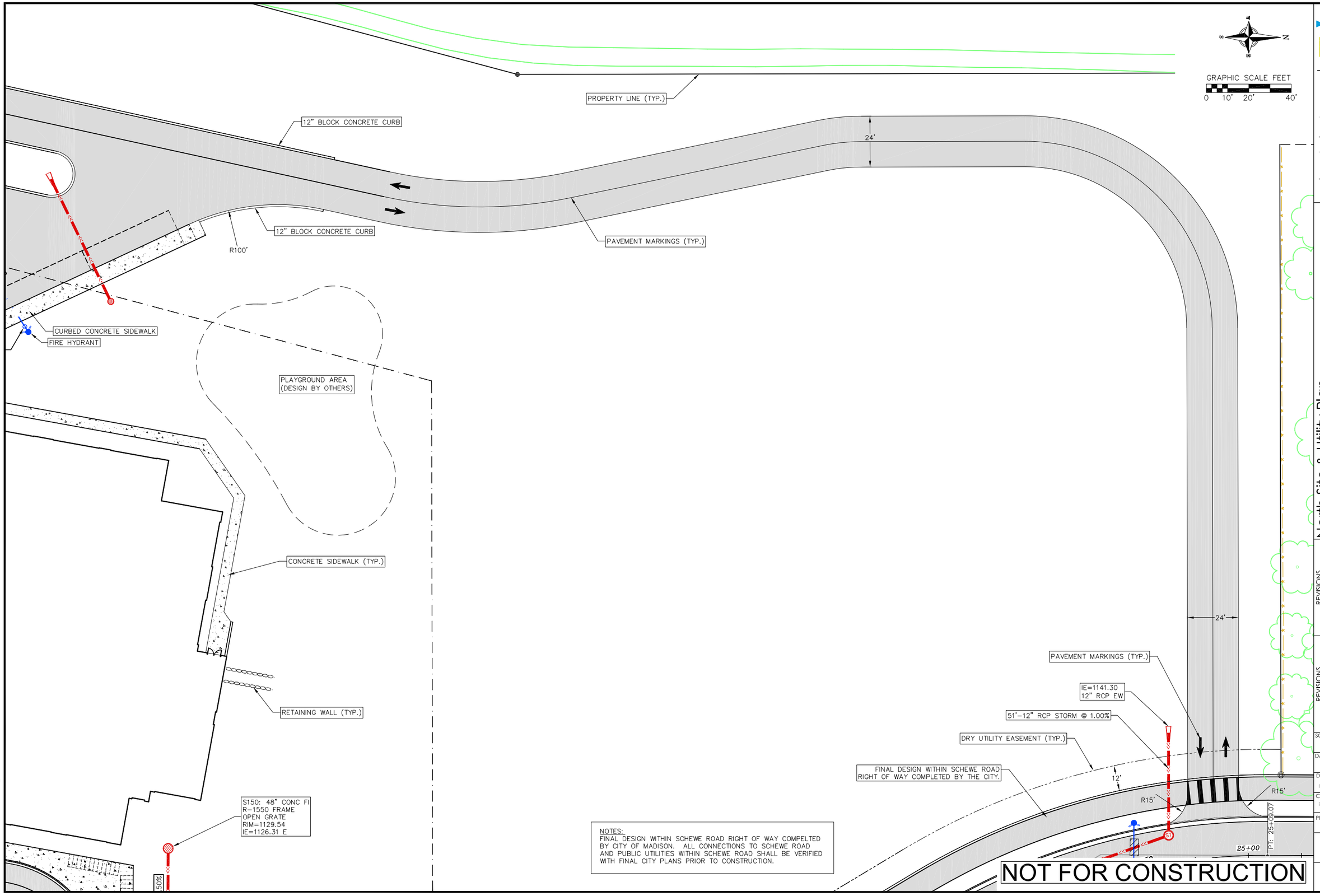

NOTES:
FINAL DESIGN WITHIN SCHEWE ROAD RIGHT OF WAY COMPELTED BY CITY OF MADISON. ALL CONNECTIONS TO SCHEWE ROAD AND PUBLIC UTILITIES WITHIN SCHEWE ROAD SHALL BE VERIFIED WITH FINAL CITY PLANS PRIOR TO CONSTRUCTION.

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North Site & Utility Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

SCALE
AS SHOWN

DATE
2/5/19

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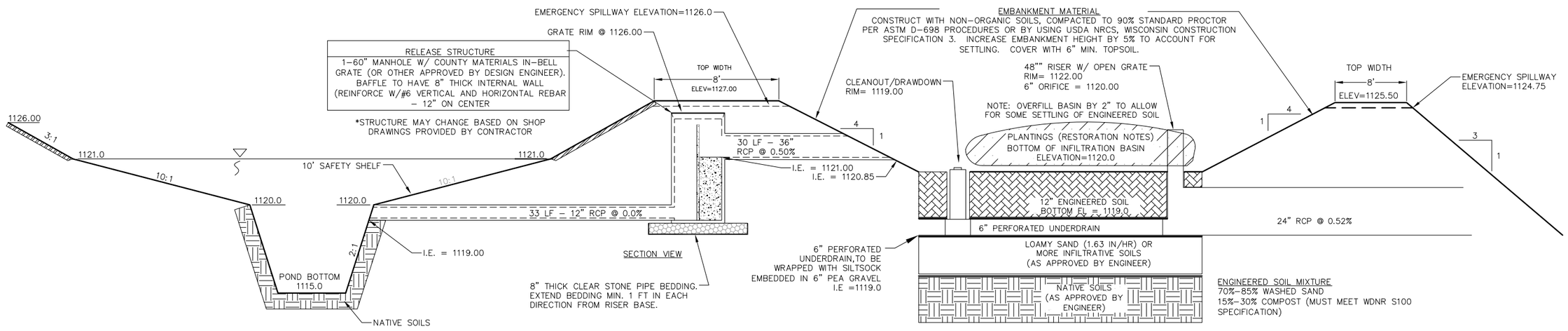
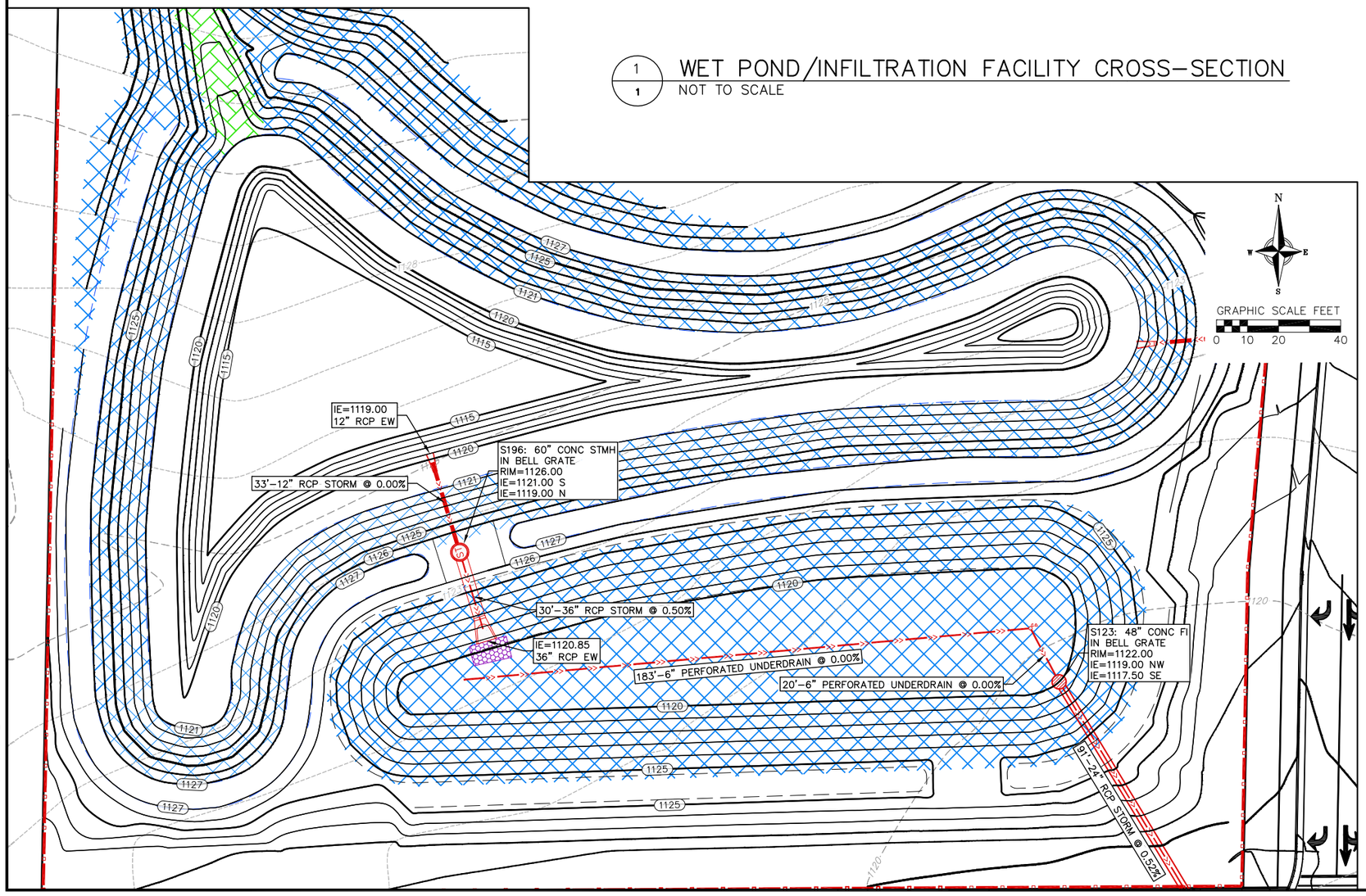
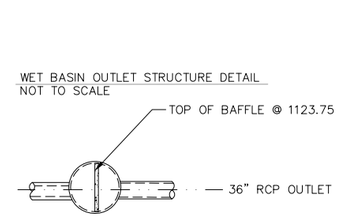


1 / 1 WET POND/INFILTRATION FACILITY CROSS-SECTION
NOT TO SCALE

RESTORATION OF THE INFILTRATION AREA (NOT INCLUDING SIDE SLOPES):
1. OVER-EXCAVATE THE AREA TO INFILTRATIVE LAYER TO BE DETERMINED IN THE FIELD, DURING EXCAVATION, BY DESIGN ENGINEER.
2. CHISEL PLOW, OR ROTO-TILL THE BASE OF THE AREA TO BREAK UP ANY HARDPAN IN THE NATIVE SOIL LAYER.
3. SEED, MULCH, WATER, AND MAINTAIN AS DIRECTED ABOVE.



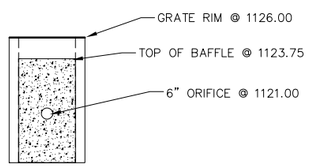
WET BASIN OUTLET STRUCTURE DETAIL
NOT TO SCALE



PLAN VIEW

RELEASE STRUCTURE
1-60" MANHOLE W/ COUNTY MATERIALS IN-BELL GRATE (OR OTHER APPROVED BY DESIGN ENGINEER). BAFFLE TO HAVE 8" THICK INTERNAL WALL (REINFORCE W/#6 VERTICAL AND HORIZONTAL REBAR - 12" ON CENTER

*STRUCTURE MAY CHANGE BASED ON SHOP DRAWINGS PROVIDED BY CONTRACTOR



SIDE VIEW - BAFFLE DETAIL

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Basin Detail
Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

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EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE **CITY OF MADISON** EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (http://dnr.wi.gov/runoff/stormwater/techstds.htm) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR **CITY**. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WisDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
11. SEE DETAIL SHEETS FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
12. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE **CLIENT** HAS ACCEPTED THE BINDER COURSE OF ASPHALT.
13. USE DETENTION BASINS AS SEDIMENT BASINS DURING CONSTRUCTION (DO NOT USE INFILTRATION AREAS). AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
14. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN OR THE DETENTION BASIN DETAIL SHEET.
15. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.
16. AFTER DETENTION BASIN GRADING IS COMPLETE, THE BOTTOM OF DRY BASINS SHALL RECEIVE 6" TOPSOIL AND SHALL BE CHISEL-PLOWED TO A MINIMUM DEPTH OF 12" PRIOR TO RESTORATION.
17. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
18. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
19. EROSION MAT (CLASS I, TYPE A URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1.
20. EROSION MAT (CLASS I, TYPE B URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON THE BOTTOM (INVERT) OF ROADSIDE DITCHES/SWALES AS SHOWN ON THIS PLAN, 1 ROLL WIDTH.
21. SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER **MANUFACTURER**. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.
22. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
23. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
24. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
25. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
26. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
27. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY DANE COUNTY LAND CONSERVATION OR PERMITTING MUNICIPALITY.
28. THE **CITY**, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

CONSTRUCTION SEQUENCE:

1. INSTALL SILT FENCE AND TRACKING PAD
2. GRADE WEST AND SOUTH DRAINAGE DITCH. CONSTRUCT BIORETENTION BASIN AS A TEMPORARY SEDIEMENT BASIN.
3. STRIP TOPSOIL
4. ROUGH GRADE SITE
5. SEED LOT AREAS AND INSTALL DRIVE-OVER STONE WEEPERS
6. CONSTRUCT UNDERGROUND UTILITIES
7. INSTALL INLET PROTECTION
8. CONSTRUCT ROADS (STONE BASE, CURB & GUTTER, AND SIDEWALK).
9. RESTORE TERRACES
10. REMOVE TRACKING PAD, SILT FENCE AND DIVERSION BERM MEASURES AFTER DISTURBED AREAS ARE RESTORED
11. REMOVE SEDIMENT FROM BIORETENTION BASINS AND RESTORE PER DETAIL AND PLANS.

SEEDING RATES:

TEMPORARY:
1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
2. USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED

   AFTER SEPTEMBER 15.

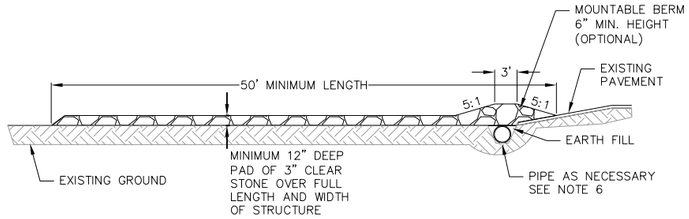
PERMANENT:
1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

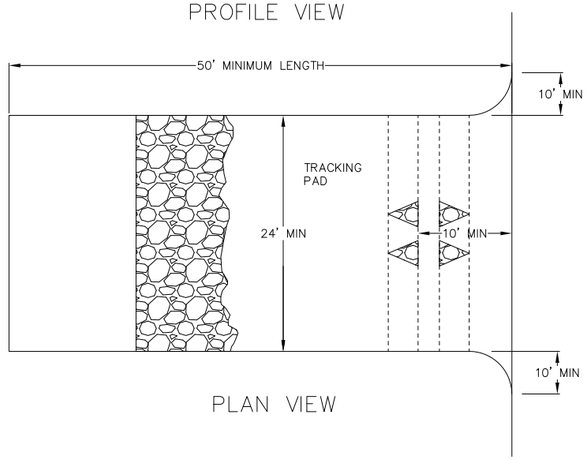
TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

TEMPORARY AND PERMANENT:
USE ½" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION



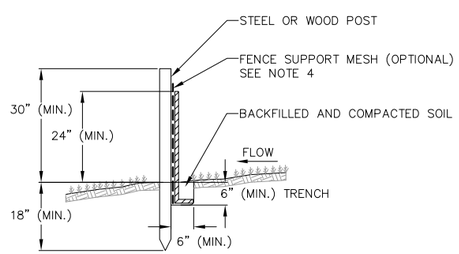
PROFILE VIEW



PLAN VIEW

1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
2. LENGTH – MINIMUM OF 50'
3. WIDTH – 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
4. ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
5. STONE – CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
7. LOCATION – A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

1/1 TRACKING PAD
NOT TO SCALE



NOTES:

1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)

   POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
4. SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

1/1 SILT FENCE
NOT TO SCALE

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Site Construction Details
Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

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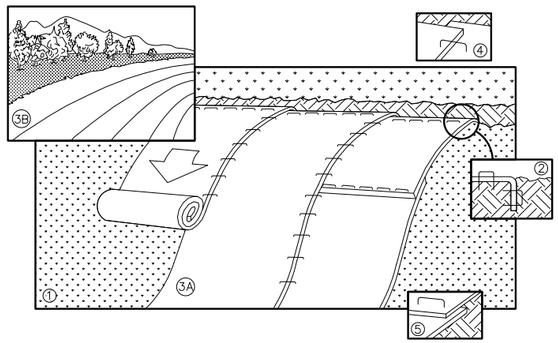
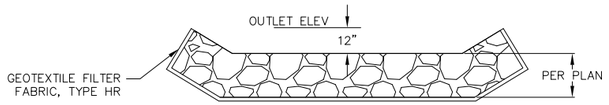


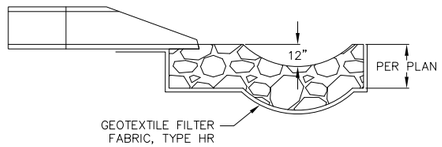
NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
   NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS <A.> DOWN, OR <B.> HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

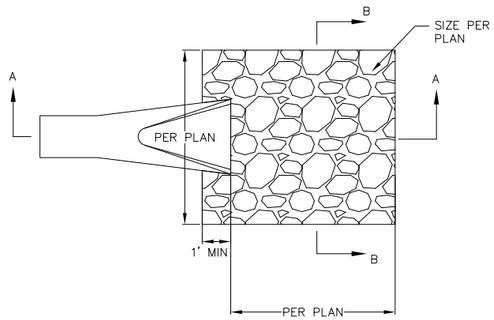
1/1 EROSION MAT
NOT TO SCALE



CROSS SECTION B-B

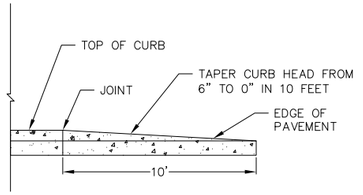


CROSS SECTION A-A



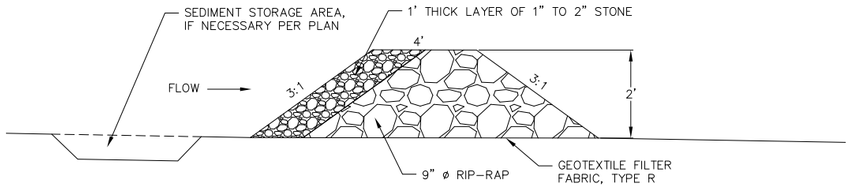
PLAN VIEW

1/1 RIP-RAP OUTLET
NOT TO SCALE

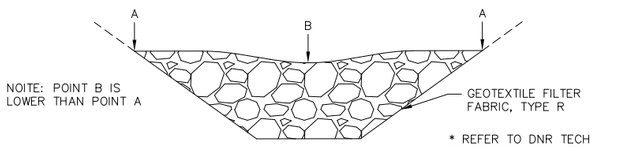


PROFILE VIEW

1/1 CURB & GUTTER TERMINATION
NOT TO SCALE



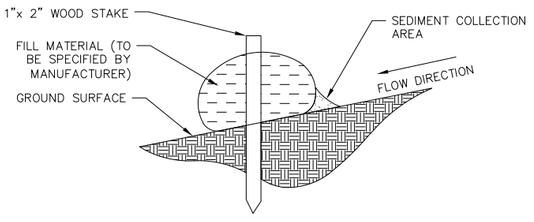
SECTION VIEW



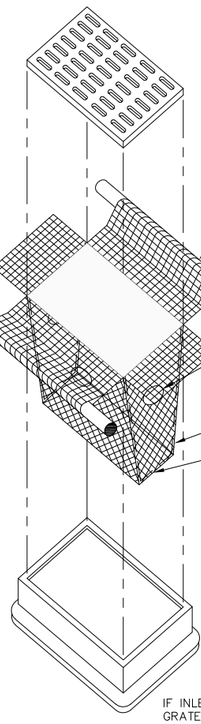
* REFER TO DNR TECH STANDARD #1062 FOR FURTHER DETAILS AND MAINTENANCE REQUIREMENTS

FRONT VIEW

1/1 WEEPER
NOT TO SCALE



1/1 SILT SOCK
NOT TO SCALE



BAG TO BE CONSTRUCTED USING GEOTEXTILE FABRIC, WisDOT TYPE FF.

DIMENSIONS OF TOP OPENING OF BAG TO MATCH INLET GRATE.

FRONT, BACK AND BOTTOM PANEL TO BE MADE FROM SINGLE PIECE OF FABRIC (NO SEAMS).

FLAP POCKET TO BE FITTED WITH REBAR OR STEEL ROD FOR REMOVAL. IF USED WITH CURB BOX, FLAP POCKETS TO BE FITTED WITH WOOD 2" x 4", EXTENDED 10" BEYOND GRATE WIDTH AND SECURED TO GRATE WITH TIES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

4" x 6" OVAL HOLE CUT INTO ALL FOUR SIDE PANELS. HOLES TO BE POSITIONED MIN. 8" BELOW INLET GRATE AND MIN. 12" ABOVE BOTTOM PANEL.

DOUBLE STITCHED SEAMS AROUND SIDE PANELS AND AT FLAP POCKETS.

BOTTOM DIMENSION = 12"

INSTALLED BAD SHALL HAVE A MIN. SIDE CLEARANCE OF 3" FROM THE INLET WALLS, MEASURED AT THE HOLES. IF NECESSARY, CONTRACTOR SHALL CINCH THE BAG (MAX. 4" FROM BAG BOTTOM) TO ACHIEVE CLEARANCE.

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, ANY TRAPPED MATERIAL THAT FALLS INTO THE INLET SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

IF INLET DEPTH FROM TOP OF GRATE TO BOTTOM OF INLET IS LESS THAN 30", CONTRACTOR SHALL SUBSTITUTE WisDOT TYPE C INLET PROTECTION.

1/1 INLET PROTECTION TYPE D
NOT TO SCALE

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Site Construction Details
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City of Madison
Dane County, Wisconsin

REVISIONS
NO. DATE REMARKS

REVISIONS
NO. DATE REMARKS

SCALE: AS SHOWN
DATE: 2/5/19
DRAFTER: BBAR/JGOL
CHECKED: MSCH/TSCH
PROJECT NO.: 180222

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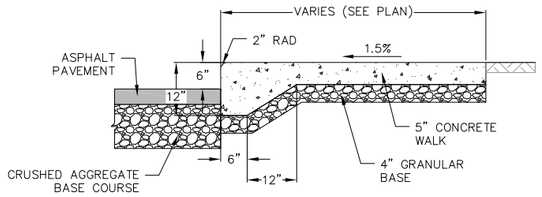
15

06 Feb 2019 - 3:20a M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Title and Details.dwg by: bbar



1/1 CURBED SIDEWALK SITE DETAIL
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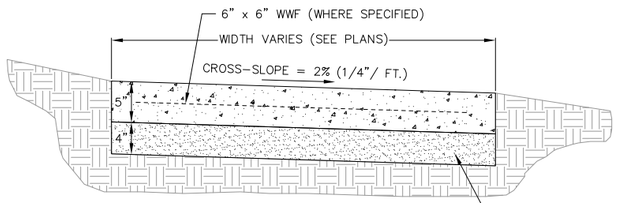
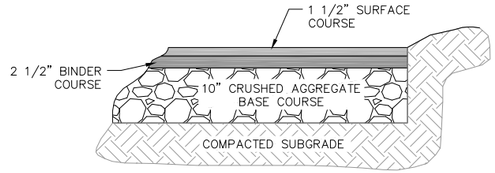
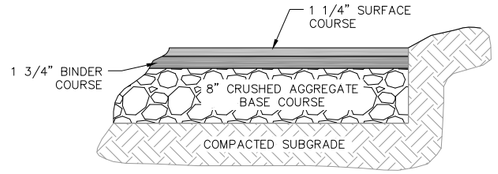


5" SITE SIDEWALK

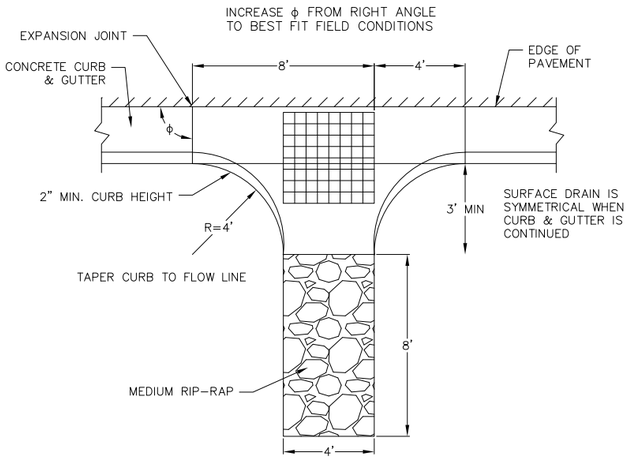


BITUMINOUS PAVEMENT DRIVES



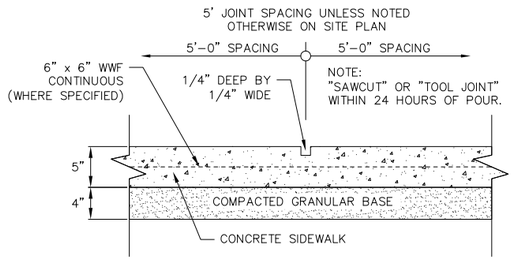
BITUMINOUS PAVEMENT PARKING LOT

1/1 SITE PAVEMENT
NOT TO SCALE

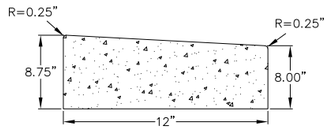


CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.

1/1 CONCRETE SURFACE DRAIN
NOT TO SCALE

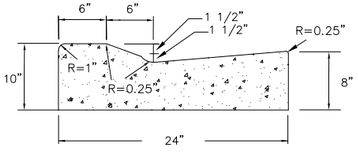


SIDEWALK CONTROL JOINT

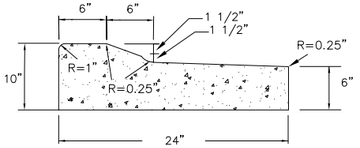


12" BLOCK CURB
CROSS SECTION

1/1 12" BLOCK CURB
NOT TO SCALE

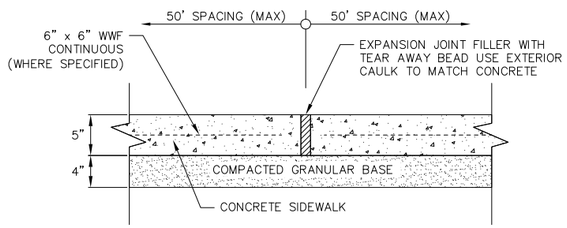


MOUNTABLE CURB AND GUTTER
CROSS SECTION

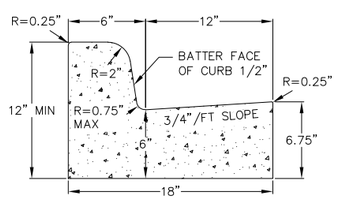


MOUNTABLE CURB AND GUTTER
REJECT – CROSS SECTION

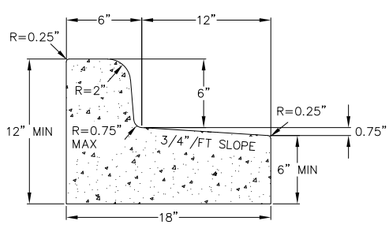
1/1 24" MOUNTABLE CONCRETE CURB AND GUTTER
NOT TO SCALE



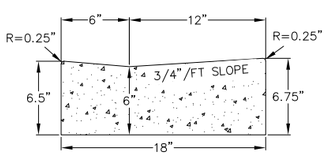
SIDEWALK EXPANSION JOINT



CURB AND GUTTER
CROSS SECTION



CURB AND GUTTER
REJECT SECTION



HANDICAP RAMP
GUTTER CROSS SECTION

1/1 5" SIDEWALK
NOT TO SCALE

1/1 18" CONCRETE CURB AND GUTTER
NOT TO SCALE

NOT FOR CONSTRUCTION

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

Site Construction Details
Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

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PROJECT NO.
180222

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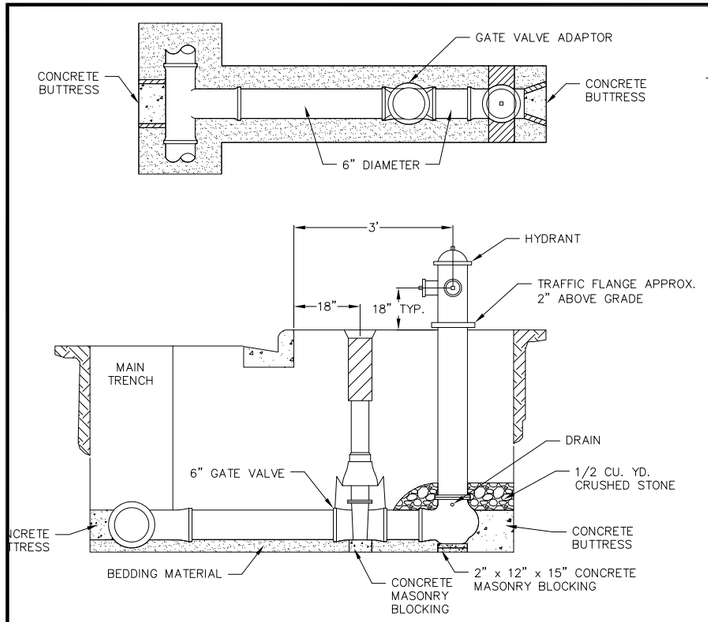
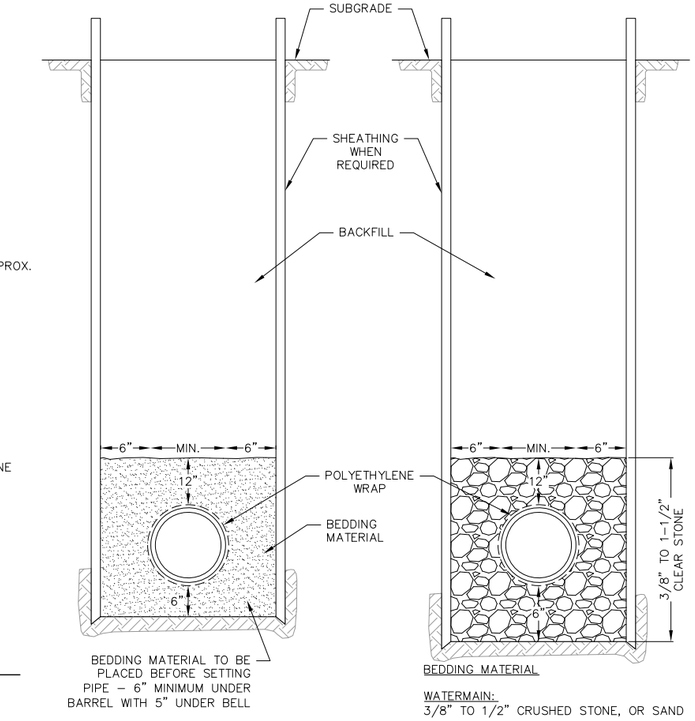


1/1 STANDARD HYDRANT SETTING
NOT TO SCALE



BEDDING MATERIAL TO BE PLACED BEFORE SETTING PIPE – 6" MINIMUM UNDER BARREL WITH 5" UNDER BELL

BEDDING MATERIAL

WATERMAIN:
3/8" TO 1/2" CRUSHED STONE, OR SAND

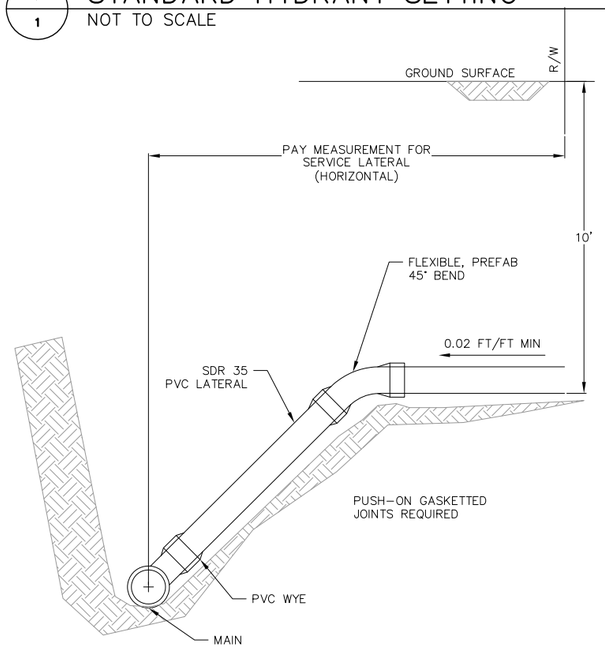
SANITARY SEWER:
3/8" TO 1–1/2" CLEAR STONE

STORM SEWER:
3/4" TO 1–1/2" CRUSHED STONE

DRY TRENCH CONDITION

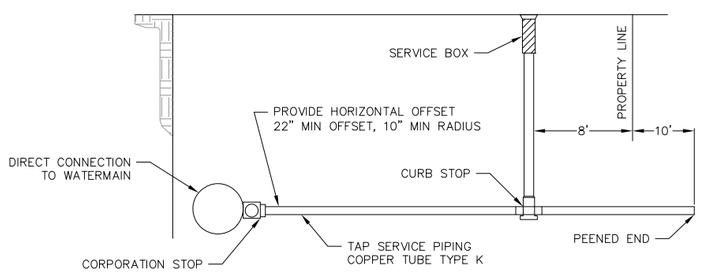
WET OR UNSTABLE CONDITION

1/1 STANDARD TRENCH SECTION
NOT TO SCALE



NOTE:
UNLESS OTHERWISE STATED BY THE ENGINEER OR REQUIRED BY THE LOCAL GOVERNING BODY, ALL LATERALS SHALL BE INSTALLED TO A POINT 10 BEYOND THE BACK OF ANY PROPOSED SIDEWALK OR 5 FEET BEYOND THE LIMITS OF ANY UTILITY EASEMENTS IMMEDIATELY ADJACENT TO THE RIGHT–OF–WAY, WHICHEVER IS GREATER. CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE LENGTH OF LATERAL REQUIRED FOR INSTALLATION AND THE REQUIRED TERMINATION POINT.

1/1 SANITARY SEWER LATERAL
NOT TO SCALE



1/1 WATER SERVICE
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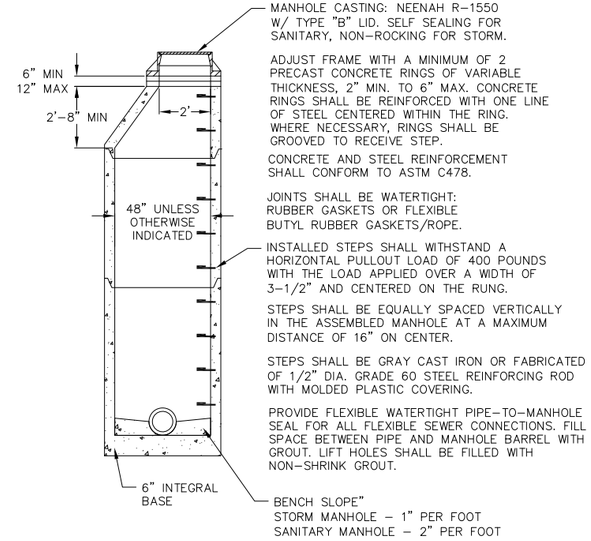
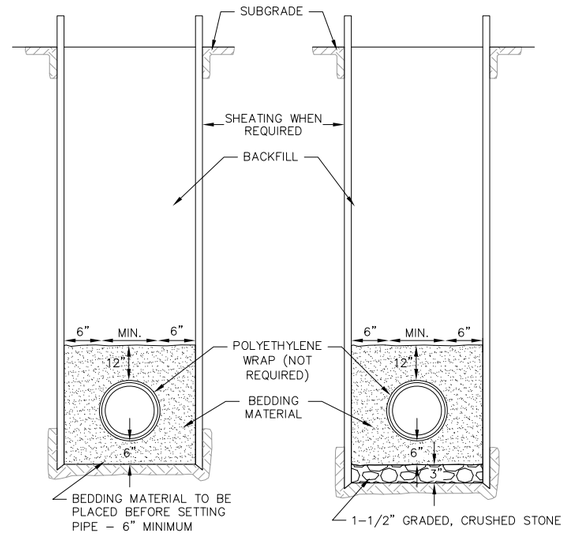
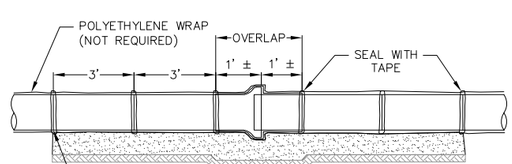


1/1 PRECAST CONCRETE MANHOLE
NOT TO SCALE



DRY TRENCH CONDITION

WET OR UNSTABLE CONDITION



REF: CHAP. 4.2.0, 4.3.0 & SEC. 4.4.4

1/1 STANDARD WATERMAIN TRENCH SECTION
NOT TO SCALE

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Site Construction Details
Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

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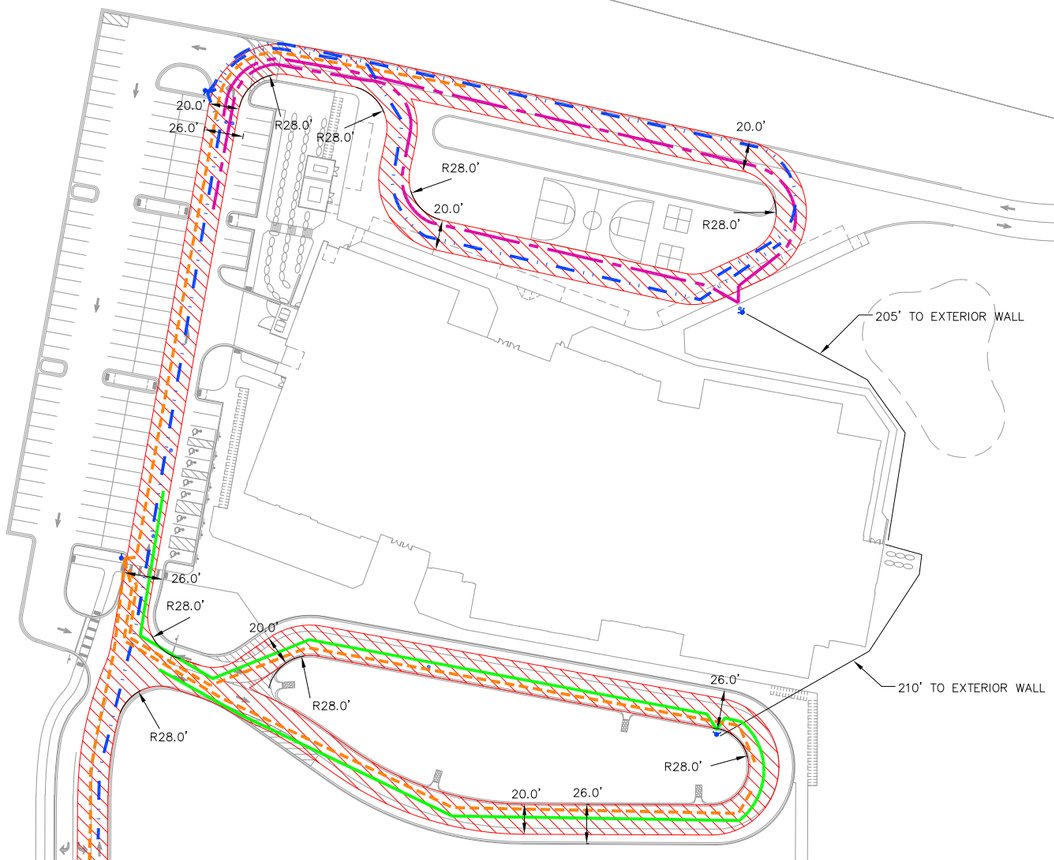
LEGEND

- 500' HOSE LAY FROM PROPOSED HYDRANT 1
- 500' HOSE LAY FROM PROPOSED HYDRANT 2
- 500' HOSE LAY FROM PROPOSED HYDRANT 3
- 500' HOSE LAY FROM PROPOSED HYDRANT 4
- PROPOSED FIRE LANE
- PROPOSED HYDRANT
- NO PARKING / FIRE LANE — FIRE LANE NO PARKING SIGN (12"X18") LOCATIONS TO BE DETERMINED BY CITY

NOTE: ALL AREAS OF FIRE LANE WITHIN 250' HOSE LAY FROM BUILDING



SCHEWE ROAD

GRAPHIC SCALE FEET
0 25 50 100

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planners | engineers | advisors
Phone: (800) 261-3898

Fire Access Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS

NO.	DATE	REMARKS

REVISIONS

NO.	DATE	REMARKS

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PROJECT NO.: 180222

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STATISTICS					
ZONE	DESCRIPTION	AVERAGE	MAXIMUM	MINIMUM	AVG:MIN
ZONE 1	WEST DRIVES/BUS LANES	0.8 FC	1.4 FC	0.3 FC	2.7:1
ZONE 2	EAST DRIVES	1 FC	2.6 FC	0.2 FC	5:1
ZONE 3	SOUTH PARKING	0.9 FC	1.6 FC	0.2 FC	4.5:1

1 SITE PHOTOMETRICS PLAN - NORTH

1" = 30'-0"

NORTH

eppstein uhen : architects

milwaukee 333 East Chicago Street, Milwaukee, Wisconsin 53202, 414.271.5350

madison 309 West Johnson Street, Suite 202, Madison, Wisconsin 53703, 608.442.5350

des moines 699 Walnut Street, Suite 400, Des Moines, Iowa 50309, 515.724.5840

denver 1899 Wynkoop Street, Suite 300, Denver, Colorado 80202, 303.595.4500

CONSULTANTS

MEP ASSOCIATES, LLC
engineers | consultants | commissioning
901 Whalen Road, Suite A | Verona, WI 53593
P: 608.848.9556 | mepassociates.com

PROJECT INFORMATION

MIDDLETON - CROSS PLAINS ELEMENTARY SCHOOL

MADISON, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and shall not be used for final bidding or construction-related purposes.

PROJECT MANAGER JKH

PROJECT NUMBER E08.18.02

SITE PHOTOMETRICS PLAN - NORTH

E002

STATISTICS					
ZONE	DESCRIPTION	AVERAGE	MAXIMUM	MINIMUM	AVG:MIN
ZONE 1	WEST DRIVES/BUS LANES	0.8 FC	1.4 FC	0.3 FC	2.7:1
ZONE 2	EAST DRIVES	1 FC	2.6 FC	0.2 FC	5:1
ZONE 3	SOUTH PARKING	0.9 FC	1.6 FC	0.2 FC	4.5:1

1 SITE PHOTOMETRICS PLAN - CENTRAL

1" = 30'-0"

NORTH

eppstein uhen : architects

milwaukee 333 East Chicago Street Milwaukee, Wisconsin 53202 414.271.5350

madison 309 West Johnson Street, Suite 202 Madison, Wisconsin 53703 608.442.5350

des moines 699 Walnut Street, Suite 400 Des Moines, Iowa 50309 515.724.5840

denver 1899 Wynkoop Street, Suite 300 Denver, Colorado 80202 303.595.4500

CONSULTANTS

MEP ASSOCIATES, LLC
engineers | consultants | commissioning
901 Whalen Road, Suite A | Verona, WI 53593
P: 608.848.9566 | mepassociates.com

PROJECT INFORMATION

MIDDLETON - CROSS PLAINS ELEMENTARY SCHOOL

MADISON, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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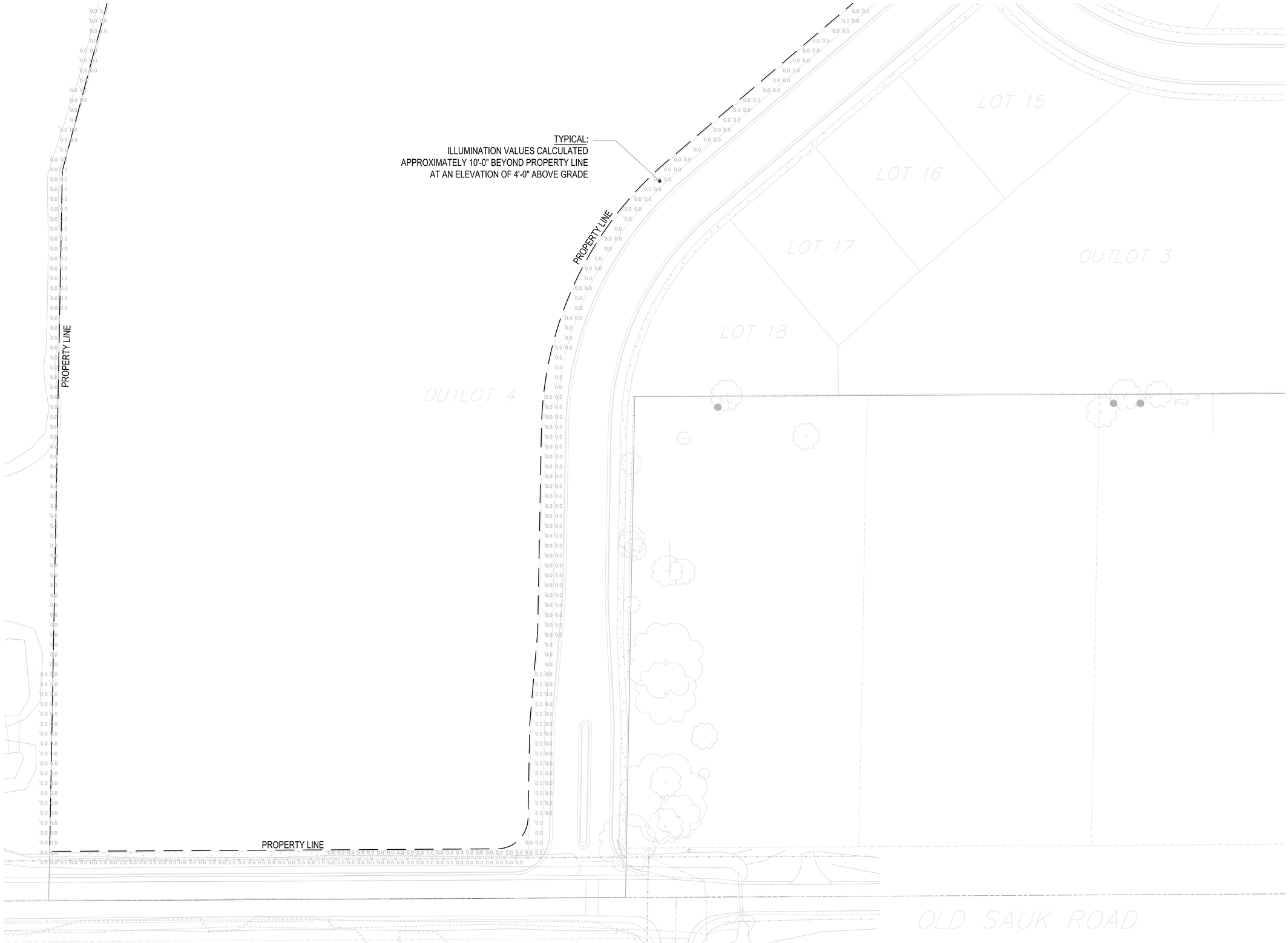
PROJECT MANAGER	JKH
PROJECT NUMBER	E08.18.02

SITE PHOTOMETRICS PLAN - CENTRAL

E003



1 SITE PHOTOMETRICS PLAN - SOUTH

1" = 30'-0"

NORTH

eppstein uhen : architects

milwaukee 333 East Chicago Street Milwaukee, Wisconsin 53202 414.271.5350

madison 309 West Johnson Street, Suite 202 Madison, Wisconsin 53703 608.442.5350

des moines 699 Walnut Street, Suite 400 Des Moines, Iowa 50309 515.724.5840

denver 1899 Wynkoop Street, Suite 300 Denver, Colorado 80202 303.595.4500

CONSULTANTS

MEP ASSOCIATES, LLC
engineers | consultants | commissioning
901 Whalen Road, Suite A | Verona, WI 53593
P: 608.848.9556 | mepassociates.com

PROJECT INFORMATION

MIDDLETON - CROSS PLAINS ELEMENTARY SCHOOL

MADISON, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN

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PROJECT MANAGER	JKH
PROJECT NUMBER	E08.18.02

SITE PHOTOMETRICS PLAN - SOUTH

E004

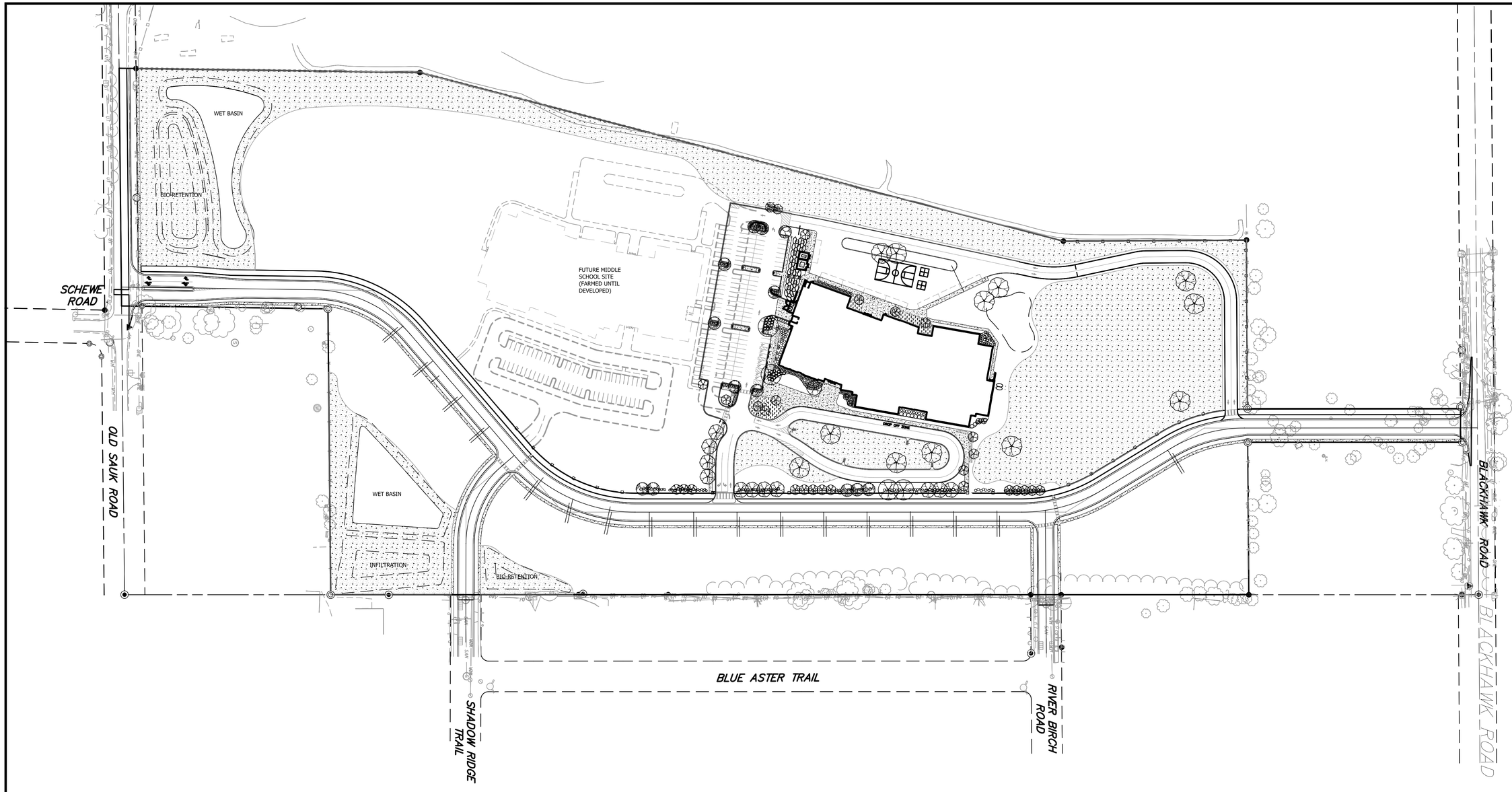
LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	REFERENCE CATALOG #	LAMPS	WATTS	VOLTS	NOTES
A	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II SHORT DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2S MVOLT RPA HS	LED 6,450 LUMENS	54	MVOLT	1
B	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II MEDIUM DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2M MVOLT RPA HS	LED 6,480 LUMENS	54	MVOLT	1
C	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II MEDIUM DISTRIBUTION, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2M MVOLT RPA HS	LED 6,480 LUMENS	54	MVOLT	1
D	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE V MEDIUM DISTRIBUTION, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2M MVOLT RPA HS	LED 6,700 LUMENS	54	MVOLT	1
E	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II SHORT DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2S MVOLT RPA HS	LED 6,450 LUMENS	54	MVOLT	2
F	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II MEDIUM DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2M MVOLT RPA HS	LED 6,480 LUMENS	54	MVOLT	2
G	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II MEDIUM DISTRIBUTION, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2M MVOLT RPA HS	LED 6,480 LUMENS	54	MVOLT	2

NOTES:

1. FIXTURE SHALL BE MOUNTED ON A 27'-0" TALL, ROUND TAPERED, ANODIZED ALUMINUM (WITH OPTIONAL POWDER COAT FINISH) CONTINUOUS POLE WITH HAND HOLE AND VIBRATION DAMPENERS. POLE SHALL BE MOUNTED TO A 24" DIAMETER, 30" HIGH EXTENDED POLE BASE WITH SQUARE METAL BASE. ENTIRE ASSEMBLY SHALL BE CAPABLE OF WITHSTANDING 100 MILE PER HOUR VELOCITY. FIXTURE MOUNTING HEIGHT SHALL NOT EXCEED 30'-0" ABOVE FINISHED GRADE.

2. FIXTURE SHALL BE MOUNTED ON A 17'-0" TALL, ROUND TAPERED, ANODIZED ALUMINUM (WITH OPTIONAL POWDER COAT FINISH) CONTINUOUS POLE WITH HAND HOLE AND VIBRATION DAMPENERS. POLE SHALL BE MOUNTED TO A 24" DIAMETER, 30" HIGH EXTENDED POLE BASE WITH SQUARE METAL BASE. ENTIRE ASSEMBLY SHALL BE CAPABLE OF WITHSTANDING 100 MILE PER HOUR VELOCITY. FIXTURE MOUNTING HEIGHT SHALL NOT EXCEED 20'-0" ABOVE FINISHED GRADE.



NATIVE SEEDING SCHEDULE

	PRAIRIE SEEDING	413,837 sf

SEEDING NOTES:

1. Prairie seed mix(es) to be developed to be complementary to existing species within prairie restoration areas at adjacent Pope Farm Park.

GRAPHIC SCALE FEET

0 50 100 200

NOT FOR CONSTRUCTION

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

Landscape Overall

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS

NO.	DATE	REMARKS

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SCALE: AS SHOWN
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PLANT SCHEDULE

DECIDUOUS TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY
AL	Amelanchier laevis / Allegheny Serviceberry 25` h x 15` w	B & B		6` ht. multi stem	4
CC	Carpinus caroliniana / American Hornbeam, Musclewood 25-30` h x 25-30` w	B & B	2.5"Cal		1
CO	Celtis occidentalis / Common Hackberry 40-60` h x 40-60` w	B & B	2.5"Cal		12
CI	Crataegus crus-galli `Inermis` / Thornless Hawthorn 20-30` h x 25-35` w	B & B	1.5"Cal		2
GT	Gleditsia triacanthos inermis `Skycole` TM / Skyline Thornless Honey Locust 50-60` x 35-45`	B & B	2.5"Cal		13
GD	Gymnocladus diolca `Espresso` / Kentucky Coffeetree 50` x 35`	B & B	2.5"Cal		24
MX	Malus x `Prairie Maid` / Prairie Maid Crabapple 20` h x 25` w	B & B	1.5"Cal		2
QM	Quercus macrocarpa / Burr Oak 60-80` h x 60-80` w	B & B	2.5"Cal		12
QR	Quercus rubra / Red Oak 60-75` h x 60-75` w	B & B	2.5"Cal		4

DECIDUOUS SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
Am	Aronia melanocarpa elata / Glossy Black Chokeberry 5-6` x 4-5`	5 gal	Cont		28
Cs	Cornus sericea `Alleman`s Compact` / Dwarf Red Twig Dogwood 5-6` h x 5-6` w	5 gal	Cont		41
DI	Diervilla lonicera / Dwarf Bush Honeysuckle 3-4` h x 4-5` w	5 gal	Cont		22
Ra	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac 2-3` h x 6-8` w	5 gal	Cont		49
Sc	Sambucus canadensis / Elderberry 5-12` x 5-12`	5 gal	Cont		11
Vc	Viburnum cassinoides / Viburnum 5-6` h x 5-6` w	5 gal	Cont		23

EVERGREEN SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
JF	Juniperus chinensis `Fairview` / Fairview Juniper 15-20` h x 6-7` w	10 gal	5` ht.		3
JcK	Juniperus chinensis `Pfitzerana Kallays Compacta` / Kally Pfitzer Compact Juniper 3` h x 6-8` w	5 gal	Cont		47
Jh	Juniperus horizontalis `WIsconsin` / Wisconsin Juniper 8" h x 5` w+	5 gal	Cont		91
Tc	Taxus cuspidata `Monloo` / Emerald Spreader Japanese Yew 30" x 8-10`	5 gal	Cont		24

PERENNIALS	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
lp	Liatris pycnostachya / Gayfeather 3-5` h x 1-2` w	1 gal	Cont		59
pv	Panicum virgatum `North Wind` / Northwind Switch Grass 5-6` h x 3-4` w	1 gal	Cont		177
sh	Sporobolus heterolepis / Prairie Dropseed 2` h x 18" w	1 gal	Cont		159

GROUND COVERS	BOTANICAL NAME / COMMON NAME	CONT	FIELD2	FIELD3	SPACING	QTY
	Sporobolus heterolepis / Prairie Dropseed	flat	2" pot		12" o.c.	4,704 sf

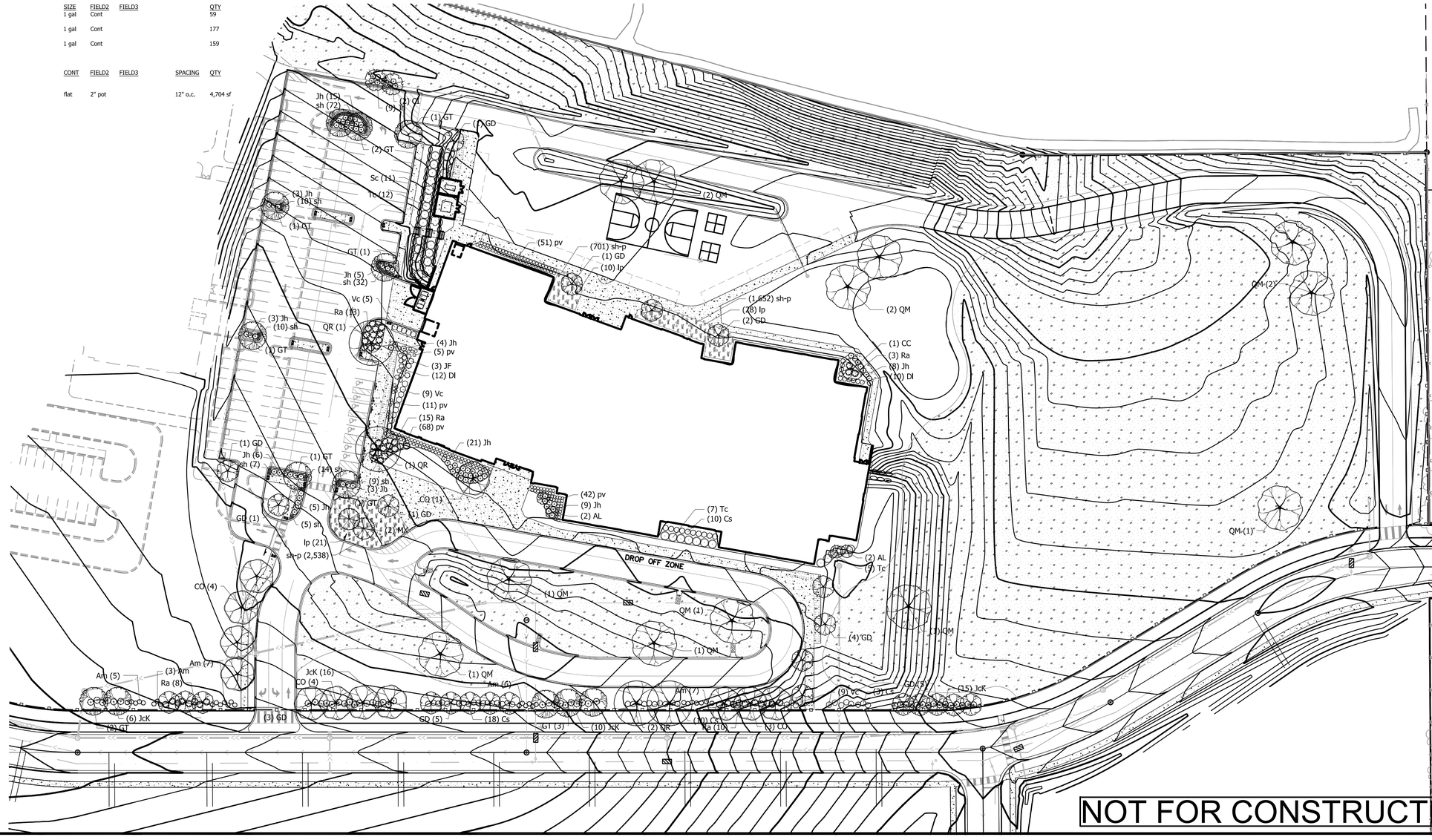
NATIVE SEEDING SCHEDULE

	PRAIRIE SEEDING -	413,837 sf

GENERAL NOTES:

1. All plantings shall conform to quality requirements as per ANSI Z60.1.
2. All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climactic conditions similar to those of the project site.
3. Contact Landscape Architect, in writing, to request and plant material substitutions due to availability issues.
4. All disturbed areas, unless otherwise noted, to be seeded with Madison Parks Mix by LaCrosse Seed Company or equal, per manufacturer's specified application rates. All seeded areas are to be watered daily to maintain adequate soil moisture for proper germination. After vigorous growth is established, apply ½" water twice weekly until final acceptance.
5. All plants shall be guaranteed to be in healthy and flourishing condition during the growing season following installation. All plant material shall be guaranteed for one year from the time of installation.
6. Contractor shall provide a suitable amended topsoil blend for all planting areas where soil conditions are unsuitable for plant growth. Topsoil shall conform to quality requirements as per Section 625.2(1) of the Standard Specifications for Highway Construction. Provide a minimum of 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
7. Landscape beds to be mulched with undyed shredded hardwood bark mulch to 3" depth min. and edged with commercial grade aluminum landscape edging, Permaloc CleanLine $\frac{3}{16}$" x 4" or equal, color black anodized .

City of Madison Landscape Worksheet											
Address:	10202 Old Sauk Road		**Date:**	02.05.2019							
Total Square Footage of Developed Area:		(Site Area)	295,612	-	(Building Footprint at Grade)			68,800	=	226,812	sf
Total Landscape Points Required:		217,800	/ 300 =	726	x 5 =	3,630	**3,720**				
		9,012	/ 100 =	90	x 1 =	90					
			Credits/ Existing Landscaping		**New/ Proposed Landscaping**						
Plant Type/ Element	**Min. Size at Installation**	**Points**	**Quantity**	**Points Achieved**	**Quantity**	**Points Achieved**					
Overstory deciduous tree	2.5" cal	35		0	66	2310					
Tall Evergreen Tree	5-6 feet tall	35		0		0					
Ornamental tree	1.5" cal	15		0	8	120					
Upright evergreen shrub	3-4 feet tall	10		0	3	30					
Shrub, deciduous	#3 gallon container size, Min. 12-24"	3		0	174	522					
Shrub, evergreen	#3 gallon container size, Min. 12-24"	4		0	162	648					
Ornamental grasses/perennials	#1 gallon container size, Min. 8-18"	2		0	59	118					
Ornamental/decorative fencing or wall	n/a	4 per 10 LF		0		0					
Existing significant specimen tree	Min. Size 2.5" cal. Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch. Max. points per tree: 200		0		0					
Landscape Furniture for public seating and/or transit connections	Furniture must be within developed area, publicly accessible, and cannot comprise more than 5% of total required points	5 points per "seat"		0		0					
Sub Totals				0		3748					
				Total Points Provided:		**3748**					



NOT FOR CONSTRUCTION

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

Landscape Plan

Middleton-Cross Plains Elementary School
City of Madison
Dane County, Wisconsin

REVISIONS			
NO.	DATE	REMARKS	
REVISIONS			
NO.	DATE	REMARKS	

SCALE
AS SHOWN

DATE
2/5/19

DRAFTER
SVIN

CHECKED
MSCH/TSCH

PROJECT NO.
180222

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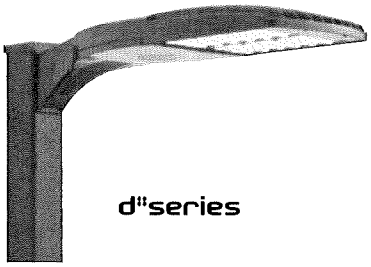
05 Feb 2019 - 5:13p M:\EUA\180222_MCPASD Elementary School - Pope Farm 2018\CADD\180222 - Landscape Elementary.dwg by: svin



d"series

D-Series Size 1
LED Area Luminaire

Catalog Number

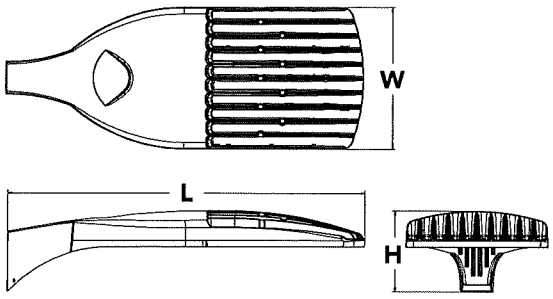
Notes MCPASD - Site Fixtures

Type A,B,C,D,E,F

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

Specifications

EPA:	1.01 ft² (0.09 m²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background[1]

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

DSX1LED

Series	Optics	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** P1 P4 P7 P2 P5 P8 P3 P6 P9 **Rotated optics** P10[1] P12[1] P11[1] P13[1]	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted[2]	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control[2,3] LCCO Left corner cutoff[2,3] RCCO Right corner cutoff[2,3]	MVOLT[4,5] 120[6] 208[5,6] 240[5,6] 277[6] 347[5,6,7] 480[5,6,7]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[8] RPUMBA Round pole universal mounting adaptor[8] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)[9]

Control option		Other option		Finish (required)	
Shipped installed		**Shipped installed**		DDBXD	Dark bronze
NLTAIR2	nLight AIR generation 2 enabled[10]	HS	House-side shield[21]	DBLXD	Black
PER	NEMA twist-lock receptacle only (controls ordered separate)[11]	SF	Single fuse (120, 277, 347V)[6]	DNAXD	Natural aluminum
PER5	Five-wire receptacle only (controls ordered separate)[11,12]	DF	Double fuse (208, 240, 480V)[6]	DWHXD	White
PER7	Seven-wire receptacle only (controls ordered separate)[11,12]	L90	Left rotated optics[1]	DDBTXD	Textured dark bronze
DMG	0-10V dimming extend out back of housing for external control (leads exit fixture)	R90	Right rotated optics[1]	DBLBXD	Textured black
DS	Dual switching[13,14]	**Shipped separately**		DNATXD	Textured natural aluminum
PIR	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc[5,15,16]	BS	Bird spikes[22]	DWHGXD	Textured white
PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc[5,15,16]	EGS	External glare shield[22]		
PIRHN	Network, Bi-Level motion/ambient sensor[17]				
PIR1FC3V	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[5,15,16]				
PIRH1FC3V	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[5,15,16]				
BL30	Bi-level switched dimming, 30%[5,14,18]				
BL50	Bi-level switched dimming, 50%[5,14,18]				
PNMTDD3	Part night, dim till dawn[5,19]				
PNMT5D3	Part night, dim 5 hrs[5,19]				
PNMT6D3	Part night, dim 6 hrs[5,19]				
PNMT7D3	Part night, dim 7 hrs[5,19]				
FAO	Field adjustable output[20]				

Ordering Information

Accessories

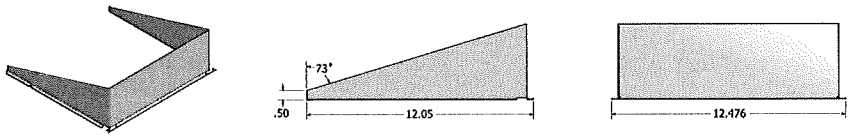
Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [23]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [23]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [23]
DSHORT SBK U	Shorting cap [23]
DSX1HS 30C U	House-side shield for 30 LED unit [21]
DSX1HS 40C U	House-side shield for 40 LED unit [21]
DSX1HS 60C U	House-side shield for 60 LED unit [21]
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) [24]
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) [8]

For more control options, visit DTL and ROAM online.

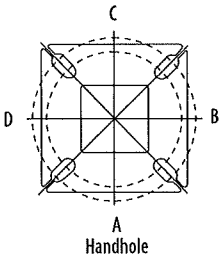
NOTES
1 P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
2 AMBPC is not available with BLC, LCCO, RCCO or P4, P7, P8, P9 or P13.
3 Not available with HS.
4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
5 Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
6 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
7 Not available in P1 or P10. Not available with BL30, BL50 or PNMT options.
8 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
9 Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
10 Must be ordered with PIRHN.
11 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
12 If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
13 Provides 50/50fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH. Not available P1, P2, P3, P4 or P5.
14 Requires (2) separately switched circuits.
15 Reference Motion Sensor table on page 3.
16 Reference PER table on page 3 to see functionality.
17 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit this link.
18 Not available with 347V, 480V, PNMT, DS. For PER5 or PER7, see PER Table on page 3. Requires isolated neutral.
19 Not available with 347V, 480V, DS, BL30, BL50. For PER5 or PER7, see PER Table on page 3. Separate Dusk to Dawn required.
20 Not available with other dimming controls options
21 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
22 Must be ordered with fixture for factory pre-drilling.
23 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
24 For retrofit use only.

External Glare Shield

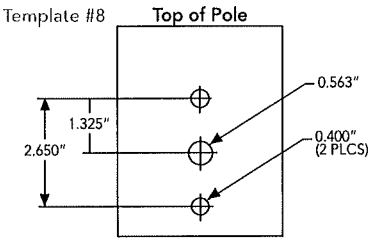


Drilling

HANDHOLE ORIENTATION



Template #8



Tenon Mounting Slipfitter**

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

Pole drilling nomenclature: # of arms at degrees from handhole (default side A)

DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

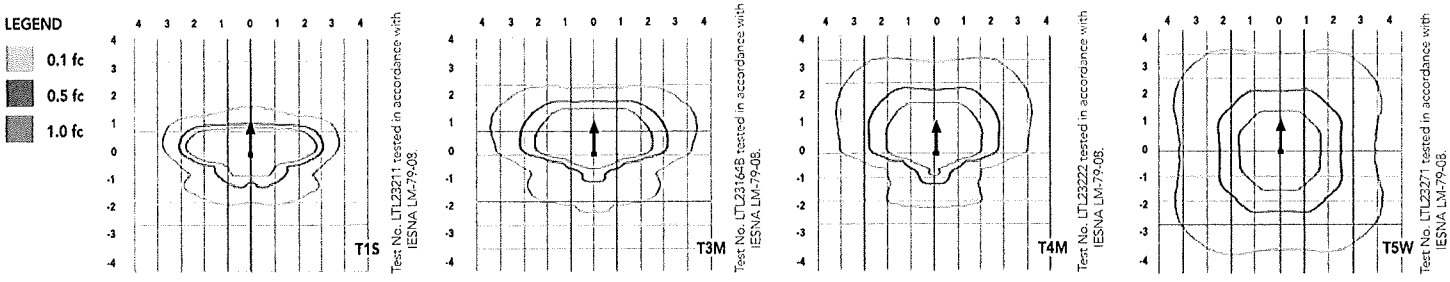
Note: Review luminaire spec sheet for specific nomenclature

Pole Operation O.D.	2@180°	2@90°	3@90°	4@90°	2@120°	3@120°	3@120°	4@120°
DSX SPA	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N
					*3 fixtures @120 require round pole top/tenon.			

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area Size 1 homepage.

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').



Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	50°F	1.02
20°C	68°F	1.01
25°C	**77°F**	**1.00**
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	100000
Lumen Maintenance Factor	1.00	0.96	0.92	0.85

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A) 120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	30	530	54	0.45	0.26	0.23	0.19	0.10	0.12
	P2	30	700	70	0.59	0.34	0.30	0.25	0.20	0.16
	P3	30	1050	102	0.86	0.50	0.44	0.38	0.30	0.22
	P4	30	1250	125	1.06	0.60	0.52	0.46	0.37	0.27
	P5	30	1400	138	1.16	0.67	0.58	0.51	0.40	0.29
	P6	40	1250	163	1.36	0.78	0.68	0.59	0.47	0.34
	P7	40	1400	183	1.53	0.88	0.76	0.66	0.53	0.38
	P8	60	1050	207	1.74	0.98	0.87	0.76	0.64	0.49
	P9	60	1250	241	2.01	1.16	1.01	0.89	0.70	0.51
Rotated Optics (Requires L90 or R90)	P10	60	530	106	0.90	0.52	0.47	0.43	0.33	0.27
	P11	60	700	137	1.15	0.67	0.60	0.53	0.42	0.32
	P12	60	1050	207	1.74	0.99	0.87	0.76	0.60	0.46
	P13	60	1250	231	1.93	1.12	0.97	0.86	0.67	0.49

Motion Sensor Default Setting						
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min
*for use with Inline Dusk to Dawn or timer.						

PER Table						
Control	PER (5 wire)	PER5 (6 wire)		PER7 (7 wire)		
			Wire 6/Wire5		Wire 6/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✔	▲	Wired to dimming leads on driver	▲	Wired to dimming leads on driver	Wires Capped Inside fixture
ROAM	⊘	✔	Wired to dimming leads on driver	▲	Wired to dimming leads on driver	Wires Capped Inside fixture
ROAM with Motion (ROAM on/off only)	⊘	▲	Wires Capped Inside fixture	▲	Wires Capped Inside fixture	Wires Capped Inside fixture
Future-proof*	⊘	▲	Wired to dimming leads on driver	✔	Wired to dimming leads on driver	Wires Capped Inside fixture
Future-proof* with Motion	⊘	▲	Wires Capped Inside fixture	✔	Wires Capped Inside fixture	Wires Capped Inside fixture

✔ Recommended
⊘ Will not work
▲ Alternate

*Future-proof means: Ability to change controls in the future.

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30	530	P1	54W	T1S	6,457	2	0	2	120	6,956	2	0	2	129	7,044	2	0	2	130	3,640	1	0	1	70
				T2S	6,450	2	0	2	119	6,949	2	0	2	129	7,037	2	0	2	130	3,813	1	0	1	73
				T2M	6,483	1	0	1	120	6,984	2	0	2	129	7,073	2	0	2	131	3,689	1	0	1	71
				T3S	6,279	2	0	2	116	6,764	2	0	2	125	6,850	2	0	2	127	3,770	1	0	1	73
				T3M	6,468	1	0	2	120	6,967	1	0	2	129	7,056	1	0	2	131	3,752	1	0	1	72
				T4M	6,327	1	0	2	117	6,816	1	0	2	126	6,902	1	0	2	128	3,758	1	0	1	72
				TFTM	6,464	1	0	2	120	6,963	1	0	2	129	7,051	1	0	2	131	3,701	1	0	1	71
				T5VS	6,722	2	0	0	124	7,242	3	0	0	134	7,334	3	0	0	136	3,928	2	0	0	76
				T5S	6,728	2	0	1	125	7,248	2	0	1	134	7,340	2	0	1	136	3,881	2	0	0	75
				T5M	6,711	3	0	1	124	7,229	3	0	1	134	7,321	3	0	2	136	3,930	2	0	1	76
				T5W	6,667	3	0	2	123	7,182	3	0	2	133	7,273	3	0	2	135	3,820	3	0	1	73
				BLC	5,299	1	0	1	98	5,709	1	0	2	106	5,781	1	0	2	107					
				LCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
				RCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80					
30	700	P2	70W	T1S	8,249	2	0	2	118	8,886	2	0	2	127	8,999	2	0	2	129	4,561	1	0	1	67
				T2S	8,240	2	0	2	118	8,877	2	0	2	127	8,989	2	0	2	128	4,777	1	0	1	70
				T2M	8,283	2	0	2	118	8,923	2	0	2	127	9,036	2	0	2	129	4,622	1	0	2	68
				T3S	8,021	2	0	2	115	8,641	2	0	2	123	8,751	2	0	2	125	4,724	1	0	1	69
				T3M	8,263	2	0	2	118	8,901	2	0	2	127	9,014	2	0	2	129	4,701	1	0	2	69
				T4M	8,083	2	0	2	115	8,708	2	0	2	124	8,818	2	0	2	126	4,709	1	0	2	69
				TFTM	8,257	2	0	2	118	8,896	2	0	2	127	9,008	2	0	2	129	4,638	1	0	2	68
				T5VS	8,588	3	0	0	123	9,252	3	0	0	132	9,369	3	0	0	134	4,922	2	0	0	72
				T5S	8,595	3	0	1	123	9,259	3	0	1	132	9,376	3	0	1	134	4,863	2	0	0	72
				T5M	8,573	3	0	2	122	9,236	3	0	2	132	9,353	3	0	2	134	4,924	3	0	1	72
				T5W	8,517	3	0	2	122	9,175	4	0	2	131	9,291	4	0	2	133	4,787	3	0	1	70
				BLC	6,770	1	0	2	97	7,293	1	0	2	104	7,386	1	0	2	106					
				LCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
				RCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79					
30	1050	P3	102W	T1S	11,661	2	0	2	114	12,562	3	0	3	123	12,721	3	0	3	125					
				T2S	11,648	2	0	2	114	12,548	3	0	3	123	12,707	3	0	3	125					
				T2M	11,708	2	0	2	115	12,613	2	0	2	124	12,773	2	0	2	125					
				T3S	11,339	2	0	2	111	12,215	3	0	3	120	12,370	3	0	3	121					
				T3M	11,680	2	0	2	115	12,582	2	0	2	123	12,742	2	0	2	125					
				T4M	11,426	2	0	3	112	12,309	2	0	3	121	12,465	2	0	3	122					
				TFTM	11,673	2	0	2	114	12,575	2	0	3	123	12,734	2	0	3	125					
				T5VS	12,140	3	0	1	119	13,078	3	0	1	128	13,244	3	0	1	130					
				T5S	12,150	3	0	1	119	13,089	3	0	1	128	13,254	3	0	1	130					
				T5M	12,119	4	0	2	119	13,056	4	0	2	128	13,221	4	0	2	130					
				T5W	12,040	4	0	3	118	12,970	4	0	3	127	13,134	4	0	3	129					
				BLC	9,570	1	0	2	94	10,310	1	0	2	101	10,440	1	0	2	102					
				LCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
				RCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76					
30	1250	P4	125W	T1S	13,435	3	0	3	107	14,473	3	0	3	116	14,657	3	0	3	117					
				T2S	13,421	3	0	3	107	14,458	3	0	3	116	14,641	3	0	3	117					
				T2M	13,490	2	0	2	108	14,532	3	0	3	116	14,716	3	0	3	118					
				T3S	13,064	3	0	3	105	14,074	3	0	3	113	14,252	3	0	3	114					
				T3M	13,457	2	0	2	108	14,497	2	0	2	116	14,681	2	0	2	117					
				T4M	13,165	2	0	3	105	14,182	2	0	3	113	14,362	2	0	3	115					
				TFTM	13,449	2	0	3	108	14,488	2	0	3	116	14,672	2	0	3	117					
				T5VS	13,987	4	0	1	112	15,068	4	0	1	121	15,259	4	0	1	122					
				T5S	13,999	3	0	1	112	15,080	3	0	1	121	15,271	3	0	1	122					
				T5M	13,963	4	0	2	112	15,042	4	0	2	120	15,233	4	0	2	122					
				T5W	13,872	4	0	3	111	14,944	4	0	3	120	15,133	4	0	3	121					
				BLC	11,027	1	0	2	88	11,879	1	0	2	95	12,029	1	0	2	96					
				LCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
				RCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72					
30	1400	P5	138W	T1S	14,679	3	0	3	106	15,814	3	0	3	115	16,014	3	0	3	116					
				T2S	14,664	3	0	3	106	15,797	3	0	3	114	15,997	3	0	3	116					
				T2M	14,739	3	0	3	107	15,878	3	0	3	115	16,079	3	0	3	117					
				T3S	14,274	3	0	3	103	15,377	3	0	3	111	15,572	3	0	3	113					
				T3M	14,704	2	0	3	107	15,840	3	0	3	115	16,040	3	0	3	116					
				T4M	14,384	2	0	3	104	15,496	3	0	3	112	15,692	3	0	3	114					
				TFTM	14,695	2	0	3	106	15,830	3	0	3	115	16,030	3	0	3	116					
				T5VS	15,283	4	0	1	111	16,464	4	0	1	119	16,672	4	0	1	121					
				T5S	15,295	3	0	1	111	16,477	4	0	1	119	16,686	4	0	1	121					
				T5M	15,257	4	0	2	111	16,435	4	0	2	119	16,644	4	0	2	121					
				T5W	15,157	4	0	3	110	16,328	4	0	3	118	16,534	4	0	3	120					
				BLC	12,048	1	0	2	87	12,979	1	0	2	94	13,143	1	0	2	95					
				LCCO	8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					
					8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71					

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LED Count	Drive Current	Power Package	System Watts	Dist. Type	10K (5000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40	1250	P6	163W	T1S	17,654	3	0	3	108	19,018	3	0	3	117	19,259	3	0	3	118					
				T2S	17,635	3	0	3	108	18,998	3	0	3	117	19,238	3	0	3	118					
				T2M	17,726	3	0	3	109	19,096	3	0	3	117	19,337	3	0	3	119					
				T3S	17,167	3	0	3	105	18,493	3	0	3	113	18,727	3	0	3	115					
				T3M	17,683	3	0	3	108	19,049	3	0	3	117	19,290	3	0	3	118					
				T4M	17,299	3	0	3	106	18,635	3	0	4	114	18,871	3	0	4	116					
				TFTM	17,672	3	0	3	108	19,038	3	0	4	117	19,279	3	0	4	118					
				T5VS	18,379	4	0	1	113	19,800	4	0	1	121	20,050	4	0	1	123					
				T5S	18,394	4	0	2	113	19,816	4	0	2	122	20,066	4	0	2	123					
				T5M	18,348	4	0	2	113	19,766	4	0	2	121	20,016	4	0	2	123					
				T5W	18,228	5	0	3	112	19,636	5	0	3	120	19,885	5	0	3	122					
				BLC	14,489	2	0	2	89	15,609	2	0	3	96	15,806	2	0	3	97					
				LCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
				RCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
40	1400	P7	183W	T1S	19,227	3	0	3	105	20,712	3	0	3	113	20,975	3	0	3	115					
				T2S	19,206	3	0	3	105	20,690	3	0	3	113	20,952	3	0	3	114					
				T2M	19,305	3	0	3	105	20,797	3	0	3	114	21,060	3	0	3	115					
				T3S	18,696	3	0	3	102	20,141	3	0	3	110	20,396	3	0	4	111					
				T3M	19,258	3	0	3	105	20,746	3	0	3	113	21,009	3	0	3	115					
				T4M	18,840	3	0	4	103	20,296	3	0	4	111	20,553	3	0	4	112					
				TFTM	19,246	3	0	4	105	20,734	3	0	4	113	20,996	3	0	4	115					
				T5VS	20,017	4	0	1	109	21,564	4	0	1	118	21,837	4	0	1	119					
				T5S	20,033	4	0	2	109	21,581	4	0	2	118	21,854	4	0	2	119					
				T5M	19,983	4	0	2	109	21,527	5	0	3	118	21,799	5	0	3	119					
				T5W	19,852	5	0	3	108	21,386	5	0	3	117	21,656	5	0	3	118					
				BLC	15,780	2	0	3	86	16,999	2	0	3	93	17,214	2	0	3	94					
				LCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
				RCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
60	1050	P8	207W	T1S	22,490	3	0	3	109	24,228	3	0	3	117	24,535	3	0	3	119					
				T2S	22,466	3	0	4	109	24,202	3	0	4	117	24,509	3	0	4	118					
				T2M	22,582	3	0	3	109	24,327	3	0	3	118	24,635	3	0	3	119					
				T3S	21,870	3	0	4	106	23,560	3	0	4	114	23,858	3	0	4	115					
				T3M	22,527	3	0	4	109	24,268	3	0	4	117	24,575	3	0	4	119					
				T4M	22,038	3	0	4	106	23,741	3	0	4	115	24,041	3	0	4	116					
				TFTM	22,513	3	0	4	109	24,253	3	0	4	117	24,560	3	0	4	119					
				T5VS	23,415	5	0	1	113	25,224	5	0	1	122	25,543	5	0	1	123					
				T5S	23,434	4	0	2	113	25,244	4	0	2	122	25,564	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				T5W	23,221	5	0	4	112	25,016	5	0	4	121	25,332	5	0	4	122					
				BLC	18,458	2	0	3	89	19,885	2	0	3	96	20,136	2	0	3	97					
				LCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
60	1250	P9	241W	T1S	25,575	3	0	3	106	27,551	3	0	3	114	27,900	3	0	3	116					
				T2S	25,548	3	0	4	106	27,522	3	0	4	114	27,871	3	0	4	116					
				T2M	25,680	3	0	3	107	27,664	3	0	3	115	28,014	3	0	3	116					
				T3S	24,870	3	0	4	103	26,791	3	0	4	111	27,130	3	0	4	113					
				T3M	25,617	3	0	4	106	27,597	3	0	4	115	27,946	3	0	4	116					
				T4M	25,061	3	0	4	104	26,997	3	0	4	112	27,339	3	0	4	113					
				TFTM	25,602	3	0	4	106	27,580	3	0	4	114	27,929	3	0	4	116					
				T5VS	26,626	5	0	1	110	28,684	5	0	1	119	29,047	5	0	1	121					
				T5S	26,648	4	0	2	111	28,707	5	0	2	119	29,070	5	0	2	121					
				T5M	26,581	5	0	3	110	28,635	5	0	3	119	28,997	5	0	3	120					
				T5W	26,406	5	0	4	110	28,447	5	0	4	118	28,807	5	0	4	120					
				BLC	20,990	2	0	3	87	22,612	2	0	3	94	22,898	2	0	3	95					
				LCCO	15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					
					15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Rotated Optics

LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000K, 70CRI)					40K (4000K, 70CRI)					50K (5000K, 70CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60	530	P10	106W	T1S	13,042	3	0	3	123	14,050	3	0	3	133	14,228	3	0	3	134	7,167	2	0	2	72
				T2S	12,967	4	0	4	122	13,969	4	0	4	132	14,146	4	0	4	133	7,507	2	0	2	76
				T2M	13,201	3	0	3	125	14,221	3	0	3	134	14,401	3	0	3	136	7,263	2	0	2	73
				T3S	12,766	4	0	4	120	13,752	4	0	4	130	13,926	4	0	4	131	7,424	2	0	2	75
				T3M	13,193	4	0	4	124	14,213	4	0	4	134	14,393	4	0	4	136	7,387	2	0	2	75
				T4M	12,944	4	0	4	122	13,945	4	0	4	132	14,121	4	0	4	133	7,400	2	0	2	75
				TFTM	13,279	4	0	4	125	14,305	4	0	4	135	14,486	4	0	4	137	7,288	1	0	2	74
				T5VS	13,372	3	0	1	126	14,405	4	0	1	136	14,588	4	0	1	138	7,734	3	0	1	78
				T5S	13,260	3	0	1	125	14,284	3	0	1	135	14,465	3	0	1	136	7,641	3	0	0	77
				T5M	13,256	4	0	2	125	14,281	4	0	2	135	14,462	4	0	2	136	7,737	3	0	2	78
				T5W	13,137	4	0	3	124	14,153	4	0	3	134	14,332	4	0	3	135	7,522	3	0	2	76
				BLC	10,906	3	0	3	103	11,749	3	0	3	111	11,898	3	0	3	112					
				LCCO	7,789	1	0	3	73	8,391	1	0	3	79	8,497	1	0	3	80					
				RCCO	7,779	4	0	4	73	8,380	4	0	4	79	8,486	4	0	4	80					
60	700	P11	137W	T1S	16,556	3	0	3	121	17,835	3	0	3	130	18,061	4	0	4	132	8,952	2	0	2	68
				T2S	16,461	4	0	4	120	17,733	4	0	4	129	17,957	4	0	4	131	9,377	2	0	2	72
				T2M	16,758	4	0	4	122	18,053	4	0	4	132	18,281	4	0	4	133	9,072	2	0	2	69
				T3S	16,205	4	0	4	118	17,457	4	0	4	127	17,678	4	0	4	129	9,273	2	0	2	71
				T3M	16,748	4	0	4	122	18,042	4	0	4	132	18,271	4	0	4	133	9,227	2	0	2	70
				T4M	16,432	4	0	4	120	17,702	4	0	4	129	17,926	4	0	4	131	9,243	2	0	2	71
				TFTM	16,857	4	0	4	123	18,159	4	0	4	133	18,389	4	0	4	134	9,103	2	0	2	69
				T5VS	16,975	4	0	1	124	18,287	4	0	1	133	18,518	4	0	1	135	9,661	3	0	1	74
				T5S	16,832	4	0	1	123	18,133	4	0	2	132	18,362	4	0	2	134	9,544	3	0	1	73
				T5M	16,828	4	0	2	123	18,128	4	0	2	132	18,358	4	0	2	134	9,665	3	0	2	74
				T5W	16,677	4	0	3	122	17,966	5	0	3	131	18,193	5	0	3	133	9,395	4	0	2	72
				BLC	13,845	3	0	3	101	14,915	3	0	3	109	15,103	3	0	3	110					
				LCCO	9,888	1	0	3	72	10,652	2	0	3	78	10,787	2	0	3	79					
				RCCO	9,875	4	0	4	72	10,638	4	0	4	78	10,773	4	0	4	79					
60	1050	P12	207W	T1S	22,996	4	0	4	111	24,773	4	0	4	120	25,087	4	0	4	121					
				T2S	22,864	4	0	4	110	24,631	5	0	5	119	24,943	5	0	5	120					
				T2M	23,277	4	0	4	112	25,075	4	0	4	121	25,393	4	0	4	123					
				T3S	22,509	4	0	4	109	24,248	5	0	5	117	24,555	5	0	5	119					
				T3M	23,263	4	0	4	112	25,061	4	0	4	121	25,378	4	0	4	123					
				T4M	22,824	5	0	5	110	24,588	5	0	5	119	24,899	5	0	5	120					
				TFTM	23,414	5	0	5	113	25,223	5	0	5	122	25,543	5	0	5	123					
				T5VS	23,579	5	0	1	114	25,401	5	0	1	123	25,722	5	0	1	124					
				T5S	23,380	4	0	2	113	25,187	4	0	2	122	25,506	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				T5W	23,165	5	0	4	112	24,955	5	0	4	121	25,271	5	0	4	122					
				BLC	19,231	4	0	4	93	20,717	4	0	4	100	20,979	4	0	4	101					
				LCCO	13,734	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,716	4	0	4	66	14,776	4	0	4	71	14,963	4	0	4	72					
60	1250	P13	231W	T1S	25,400	4	0	4	110	27,363	4	0	4	118	27,709	4	0	4	120					
				T2S	25,254	5	0	5	109	27,205	5	0	5	118	27,550	5	0	5	119					
				T2M	25,710	4	0	4	111	27,696	4	0	4	120	28,047	4	0	4	121					
				T3S	24,862	5	0	5	108	26,783	5	0	5	116	27,122	5	0	5	117					
				T3M	25,695	5	0	5	111	27,680	5	0	5	120	28,031	5	0	5	121					
				T4M	25,210	5	0	5	109	27,158	5	0	5	118	27,502	5	0	5	119					
				TFTM	25,861	5	0	5	112	27,860	5	0	5	121	28,212	5	0	5	122					
				T5VS	26,043	5	0	1	113	28,056	5	0	1	121	28,411	5	0	1	123					
				T5S	25,824	4	0	2	112	27,819	5	0	2	120	28,172	5	0	2	122					
				T5M	25,818	5	0	3	112	27,813	5	0	3	120	28,165	5	0	3	122					
				T5W	25,586	5	0	4	111	27,563	5	0	4	119	27,912	5	0	4	121					
				BLC	21,241	4	0	4	92	22,882	4	0	4	99	23,172	4	0	4	100					
				LCCO	15,170	2	0	4	66	16,342	2	0	4	71	16,549	2	0	4	72					
					15,150	5	0	5	66	16,321	5	0	5	71	16,527	5	0	5	72					

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	REFERENCE CATALOG #	LAMPS	WATTS	VOLTS	NOTES
A	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II SHORT DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2S MVOLT RPA HS	LED 6,900 LUMENS	54	MVOLT	1
B	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE II MEDIUM DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T2M MVOLT RPA HS	LED 6,900 LUMENS	54	MVOLT	1
C	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 700mA DRIVE CURRENT, 4000K CCT, TYPE III MEDIUM DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P2 40K T3M MVOLT RPA HS	LED 8,900 LUMENS	70	MVOLT	1
D	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE IV MEDIUM DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T4M MVOLT RPA HS	LED 6,800 LUMENS	54	MVOLT	1
E	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, TYPE V MEDIUM DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K T5M MVOLT RPA HS	LED 7,200 LUMENS	54	MVOLT	1
F	13"W X 8"H x 33"D AREA FIXTURE, 30 LED ENGINE, 530mA DRIVE CURRENT, 4000K CCT, FORWARD THROW MEDIUM DISTRIBUTION, HOUSE-SIDE SHIELD, ROUND POLE MOUNTING OPTION, NATURAL ALUMINUM FINISH	LITHONIA	DSX1 LED P1 40K TFTM MVOLT RPA HS	LED 6,900 LUMENS	54	MVOLT	1

NOTES:

1. FIXTURE SHALL BE MOUNTED ON A 27'-0" TALL, ROUND TAPERED, ANODIZED ALUMINUM (WITH OPTIONAL POWDER COAT FINISH) CONTINUOUS POLE WITH HAND HOLE AND VIBRATION DAMPENERS. POLE SHALL BE MOUNTED TO A 24" DIAMETER, 30" HIGH EXTENDED POLE BASE WITH SQUARE METAL BASE. ENTIRE ASSEMBLY SHALL BE CAPABLE OF WITHSTANDING 100 MILE PER HOUR VELOCITY. FIXTURE MOUNTING HEIGHT SHALL NOT EXCEED 30'-0" ABOVE FINISHED GRADE.

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION
Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft^2) for optimized pole wind loading.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS
Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION
Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

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

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.