

CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK DURING THE CONTRACTOR'S BEST JUDGMENT AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR THE CONTRACTOR'S WORK, METHODS, PROCESSES, TECHNIQUES, SEQUENCE, AND JOBSITE SAFETY.

C. CONTRACTOR MUST INSTALL ALL DUCTS, REFRIGERATION, AND EQUIPMENT. CONTRACTOR'S WORKS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.

D. VERBAL REPRESENTATION HAS NO VALUE AND ALL CONTRACTS, AGREEMENTS, AND DOCUMENTS MUST BE IN WRITING. CONTRACTS, AGREEMENTS, AND DOCUMENTS MUST BE SUBMITTED IN WRITING TO THE ARCHITECT & THE CONTRACTOR FOR APPROVAL.



Jarmel Kizel
ARCHITECTS AND ENGINEERS INC.
42 ORKIN PARKWAY
LAWNTON, NEW JERSEY 07039
TEL: 973-394-0000
FAX: 973-394-0009
www.jarmelkizel.com
Architecture
Engineering
Interior Design
Implementation Services

THE LEARNING EXPERIENCE
ACADEMY OF
EARLY EDUCATION
652 BURNY SIENNA DRIVE
MIDDLETON, WISCONSIN



ISSUE

NO.	DATE	DESCRIPTION	INT.

REVISION

NO.	DATE	DESCRIPTION	INT.

PROFESSIONAL CERTIFICATION

NAME OF LICENSEE:
MATTHEW B. JARMEL
LICENSE NUMBER: 12809

Project No.: TLEW22-114 Scale: 1/8" = 1'-0"
Owner: Approved By:
CS MBJ

Drawing Name:

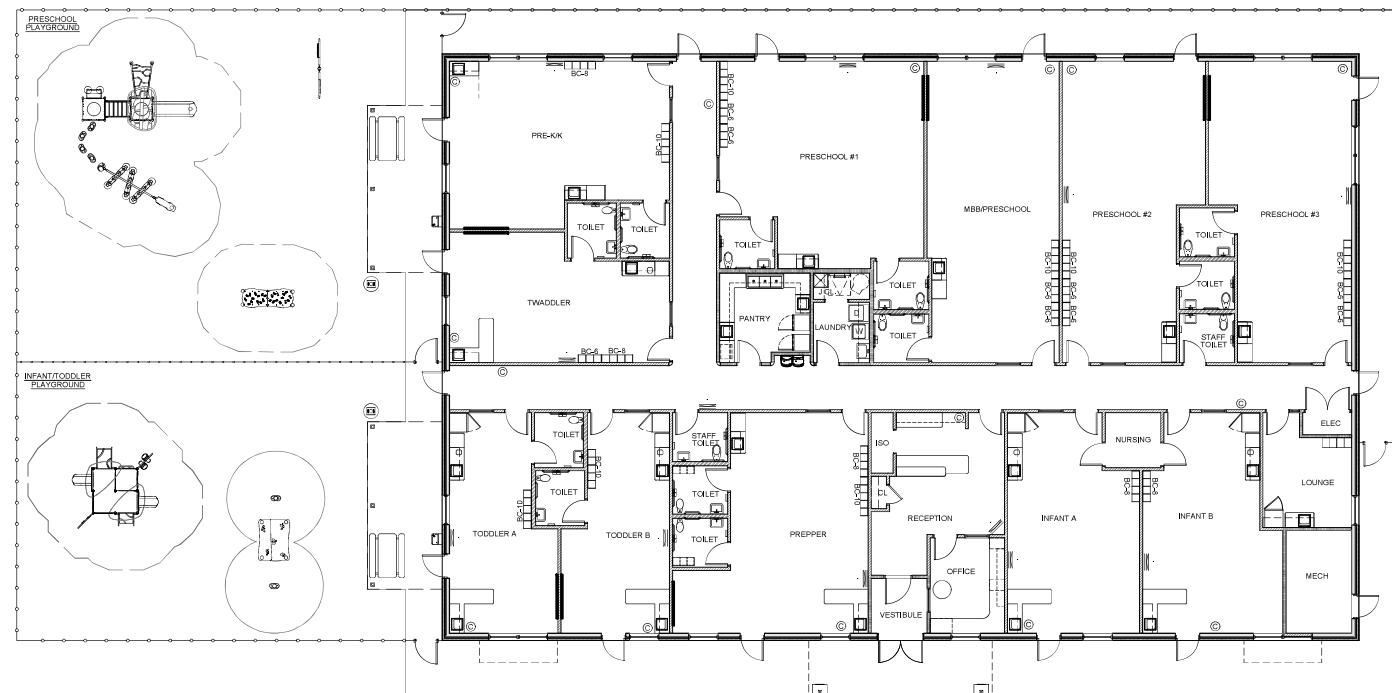
PROPOSED
FLOOR PLAN

Drawing Number:

SA-1.1

LICENSING CALCULATIONS							
The Learning Experience, Madison, WI							
ROOM NAME	STATE REQUIRED AREA (S.F. SEE RATIO)	NET* S.F.	ACTUAL S.F.	RATIO (CHILD PER S.F.)	# OF CHILDREN	# OF TEACHERS	TEACHER RATIO (TEACHERS PER CHILDREN)
INFANT A	440	447	501	1/55	8	2	1/4
INFANT B	440	447	501	1/55	8	2	1/4
TODDLER A	280	333	387	1/35	8	2	1/4
TODDLER B	280	333	387	1/35	8	2	1/4
TWADDLER	420	428	477	1/35	12	2	1/6
PREPPER	560	583	631	1/60	16	2	1/8
PRESCHOOL #1	700	709	721	1/35	20	2	1/10
PRESCHOOL #2	700	704	716	1/35	20	2	1/10
PRESCHOOL #3	700	704	716	1/35	20	2	1/12
PRE-KK	595	609	629	1/35	17	1	1/17
MBB/PRESCHOOL	700	719	731	1/35	20	2	VARIABLES
TOTALS	-	-	-	-	157	21	-
				+2 ADMIN. STAFF			
				TOTAL	180		

*CALCULATED LESS BUILT-IN ITEMS
FIRST FLOOR 10,000 S.F.
PLAY AREA 4,988 S.F.





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Architecture
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Implementation Services



ISSUE	
NO.	DATE DESCRIPTION INT.

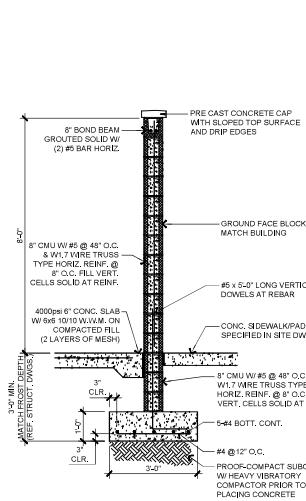
REVISION	
NO.	DATE DESCRIPTION INT.

PROFESSIONAL CERTIFICATION	
NAME OF LICENSEE: MATTHEW R. JARMEL LICENSE NUMBER: 12809	

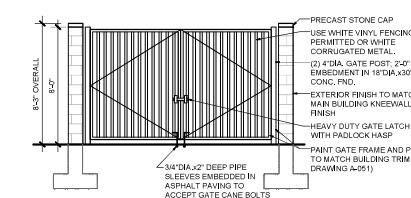
PROPOSED SITE DETAILS	
Drawing Number: TEW122-114	Scale: 1/4"=1'-0"

SA-1.3

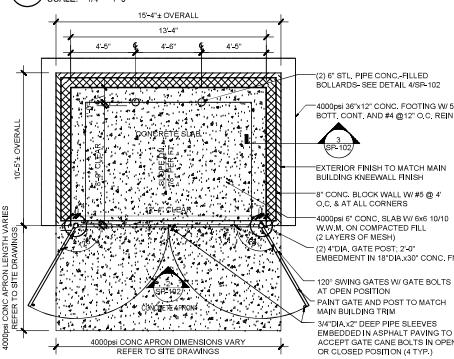
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HNDING THE CONTRACTOR BEST QUALITY AND ATTENTION.
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND
WILL BE HELD LIABLE FOR THE SELECTION OF METHODS
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SUBMITTED TO THE ARCHITECT FOR APPROVAL
UNLESS CONSTRUCTION PRODUCTS HAVE BEEN
SUBMITTED TO THE ARCHITECT FOR APPROVAL
VERBAL REPRESENTATION HAS NO VALUE AND ALL
SPECIFICATIONS FOR CONSTRUCTION PRODUCTS
SPECIFICATIONS FOR PLANS, MUST BE SUBMITTED IN
WRITING TO THE ARCHITECT & CEE FOR APPROVAL



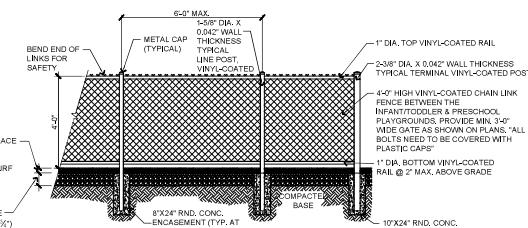
3 TRASH ENCLOSURE
TYPICAL WALL SECTION



2 TRASH ENCLOSURE ELEVATION

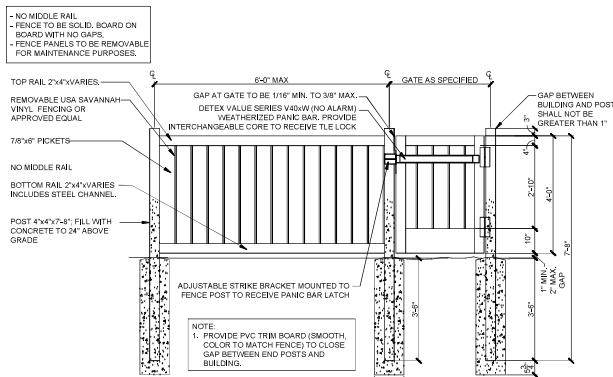


1 TRASH ENCLOSURE PLAN



6 4'-0" CHAIN LINK FENCE DETAIL

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

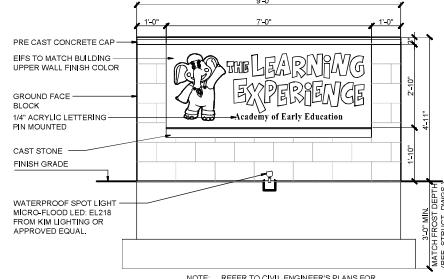


5 4'-0" PVC FENCE AND GATE DETAIL

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

8 MONUMENT SIGNAGE ELEVATION

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



7 MONUMENT SIGNAGE ELEVATION

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

6 6'-0" PVC FENCE AND GATE
WITH PANIC HARDWARE

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

4 6'-0" PVC FENCE AND GATE
WITH PANIC HARDWARE

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

3 4'-0" PVC FENCE AND GATE
WITH PANIC HARDWARE

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

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WITH PANIC HARDWARE

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WITH PANIC HARDWARE

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1. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK
USING THE CONTRACTOR'S BEST SKILL AND ATTENTION.
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND
HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS,
TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.
2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER
PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO BE
SUBMITTED TO THE ARCHITECT FOR APPROVAL.
UNAPPROVED SUBSTITUTIONS WILL BE REPAID AT
THE EXPENSE OF THE GC.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL

JK

Jarmel Kizel

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652 BURNT SIENNA DRIVE
MIDDLETON, WISCONSIN

ISSUE

REVISION

PROFESSIONAL CERTIFICATION

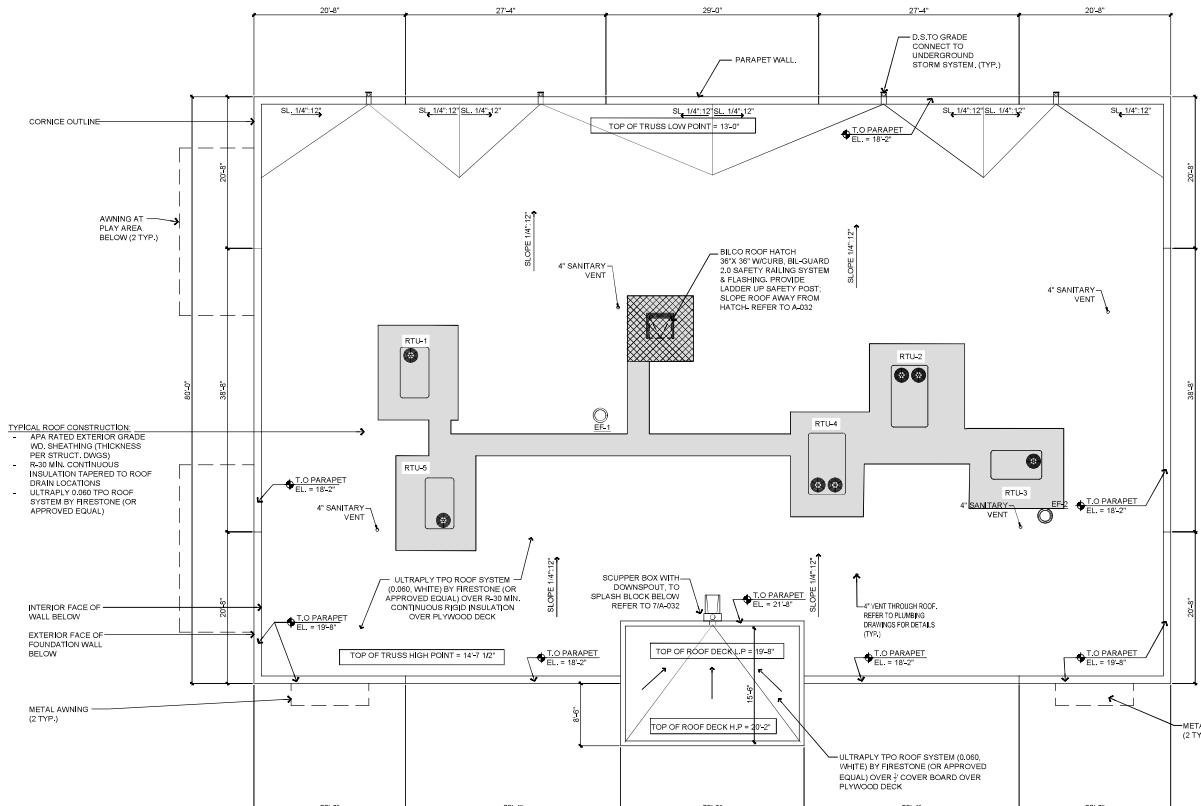
Project Number: TLEW122-114	Scale: 1/8" = 1'-0"
Drawn By: CS	Approved By: MBJ
Drawing Name:	

PROPOSED

PROPOSED ROOF PLAN

Drawing Number:

SA-1.4



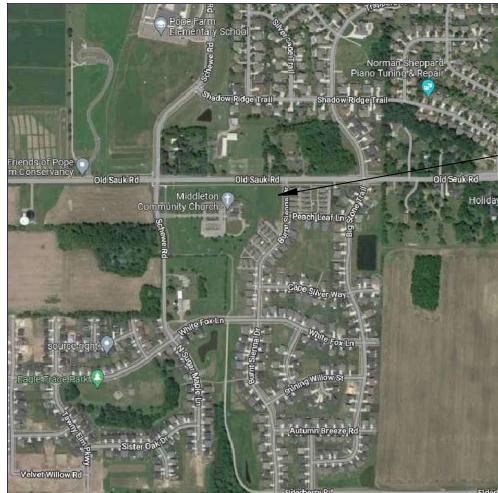
1 ROOF PLAN

SCAIF: 1/8" = 1'-0"

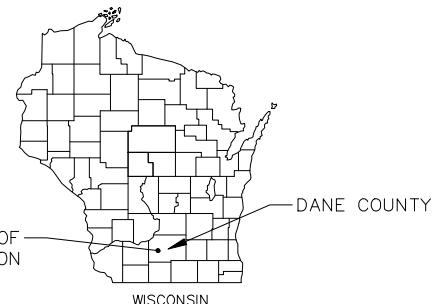
THE LEARNING EXPERIENCE - MIDDLETON

BRADFORD REAL ESTATE COMPANIES

652 BURNT SIENNA DRIVE, MIDDLETON, WI



PROJECT LOCATION
CITY OF
MIDDLETON



THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN OR NOT ON THIS MAP. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

Title Sheet			
SHEET NO.	DESCRIPTION	REVISIONS	REMARKS
C000	TITLE SHEET		
C100	EXISTING CONDITIONS PLAN		
C200	SITE PLAN		
C300	GRADING PLAN		
C400	UTILITY PLAN		

REVISIONS	REMARKS	NO.	DATE
			1/30/2023

DRAFTER	AGEH	CHECKED	CNA

PROJECT NO.
220335

NOT FOR CONSTRUCTION

C000



BEARINGS ARE REFERENCED TO THE
WISCONSIN STATE PLANE COORDINATE
DANE COUNTY, WISCONSIN. THE WESTERLY
LINE OF LOT 46 OF CHAPEL VIEW
MEASURED AS BEARING N 007°21' E

0 10 20 40
SCALE: ONE INCH = TWENTY FEET

SURVEY LEGEND

- BENCHMARK
- FOUND 1 1/4" ♂ IRON ROD
- FOUND 3/4" ♂ IRON ROD
- SET CHISELED "X"
- SET NAIL
- SET P.K. NAIL
- SET 3/4" ♂ IRON ROD

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING SIGN (TYPE NOTED)
- EXISTING CURB INLET
- EXISTING ENDWALL
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER MAIN VALVE
- EXISTING CURB STOP
- EXISTING GAS VALVE
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC PEDESTAL
- EXISTING TELEPHONE PEDESTAL

DRAFT

BENCHMARK TABLE:

● BENCHMARK #1 - ELEV. 1114.93' - TAP BOLT ON
HYDRANT AT NE CORNER OF BURNET SIENNA DR.
AND PEACH LEAF LN.

● BENCHMARK #2 - ELEV. 1120.15' - TOP OPERATING
HYDRANT AT SW CORNER OF OLD SAUK RD.
AND BURNET SIENNA DR.

Description as provided in Title Commitment No.
3148635, dated October 19, 2022, from First
American Title Insurance Company (Issuing
Office of 1350 University Avenue, 3rd Floor,
P.O. Box 5512, Madison, WI 53705-5512).

The Land referred to herein below is situated in the
County of Dane, State of Wisconsin, and is described as follows:

Lot Forty-Six (46), Chapel View, in the City of Madison,
Dane County, Wisconsin.

APN 251/0708-212-0108-8

SURVEYED FOR:
THE BRADFORD REAL ESTATE COMPANIES
108 BARRINGTON COMMONS COURT,
SUITE 726
BARRINGTON, IL 60010

SURVEYED BY:
Ovibicher Associates, Inc.
BY: BABI ROZIT, PLS
600 W. MILWAUKEE STREET, SUITE 601
(262) 542-1000
www.Ovibicher.com

NOT FOR CONSTRUCTION



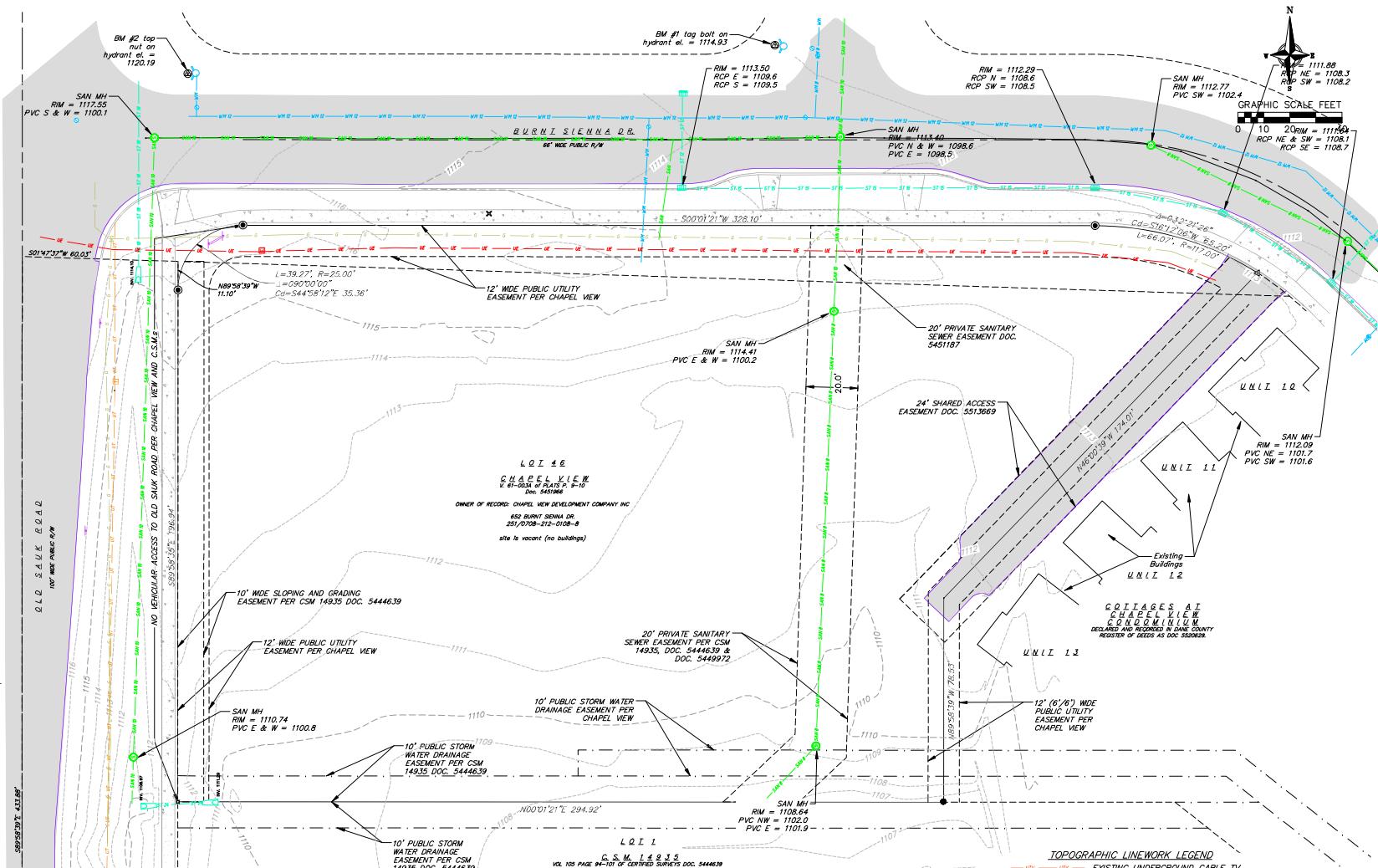
THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND
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INVESTIGATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING
THE EXACT LOCATION OF UTILITIES. FOR INVESTIGATION, REQUESTS FOR INFORMATION
ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL
BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT
BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE
AND PRESERVE ANY AND ALL UTILITIES.

Before excavation, appropriate utility companies should be contacted. For exact location of underground utilities, contact Digger's Hotline at 800-242-8511.

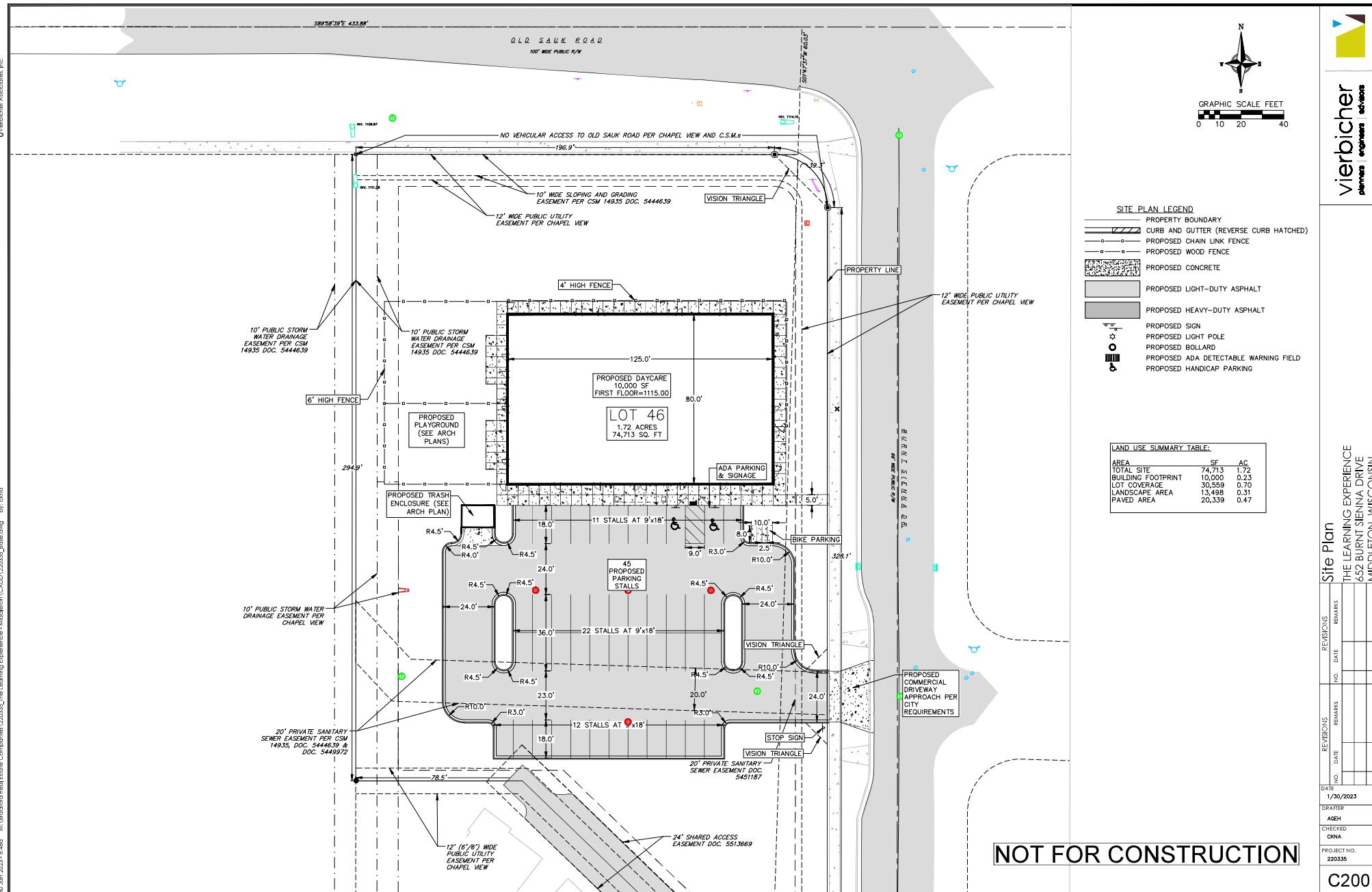
This survey was prepared based upon information provided in the Title Commitment 3148635, dated October 19, 2022 from First American Title Insurance Company (Issuing Office of 1350 University Ave., Suite 310, Madison, WI 53705).

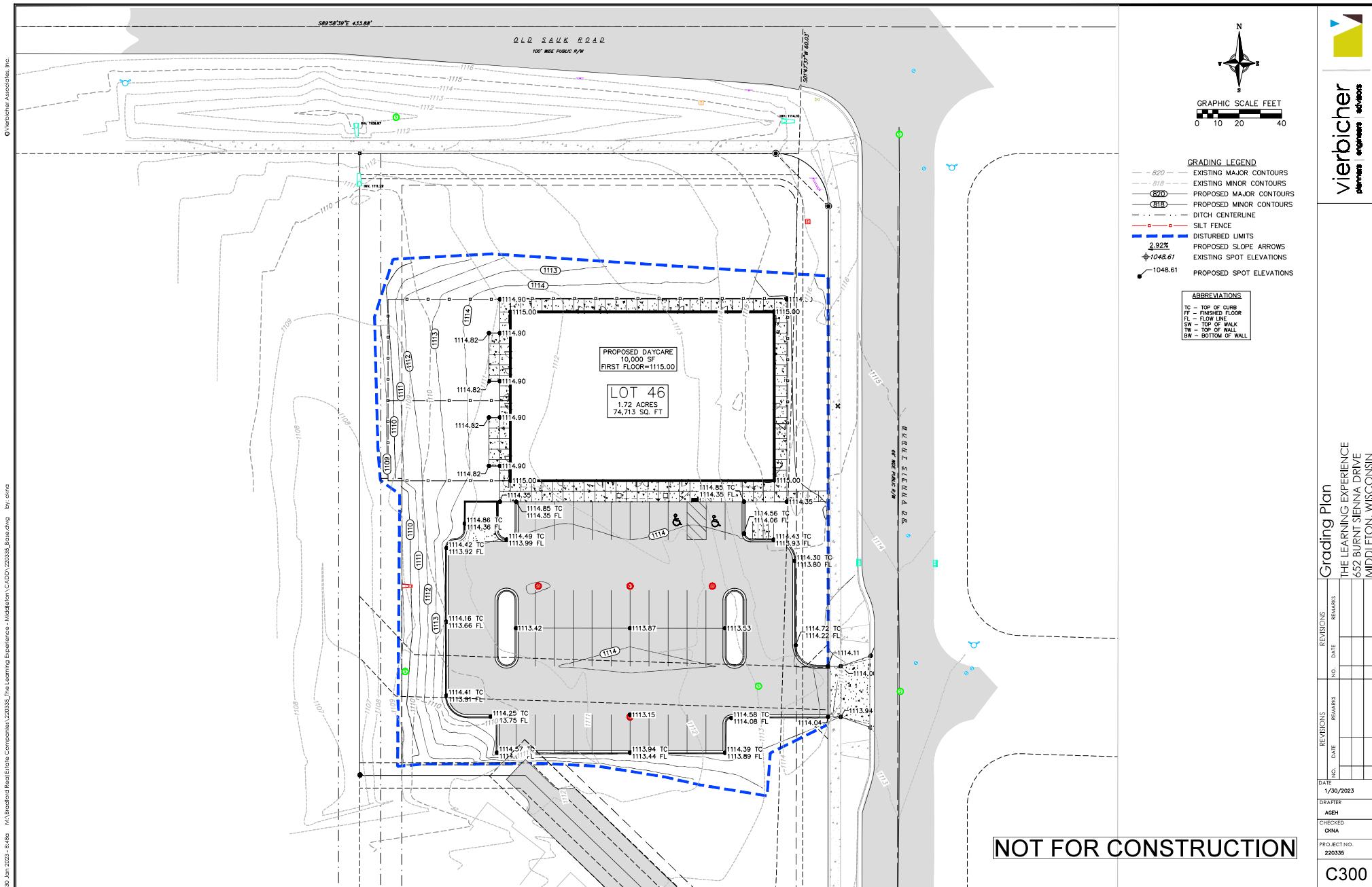
Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that the current title search may disclose.

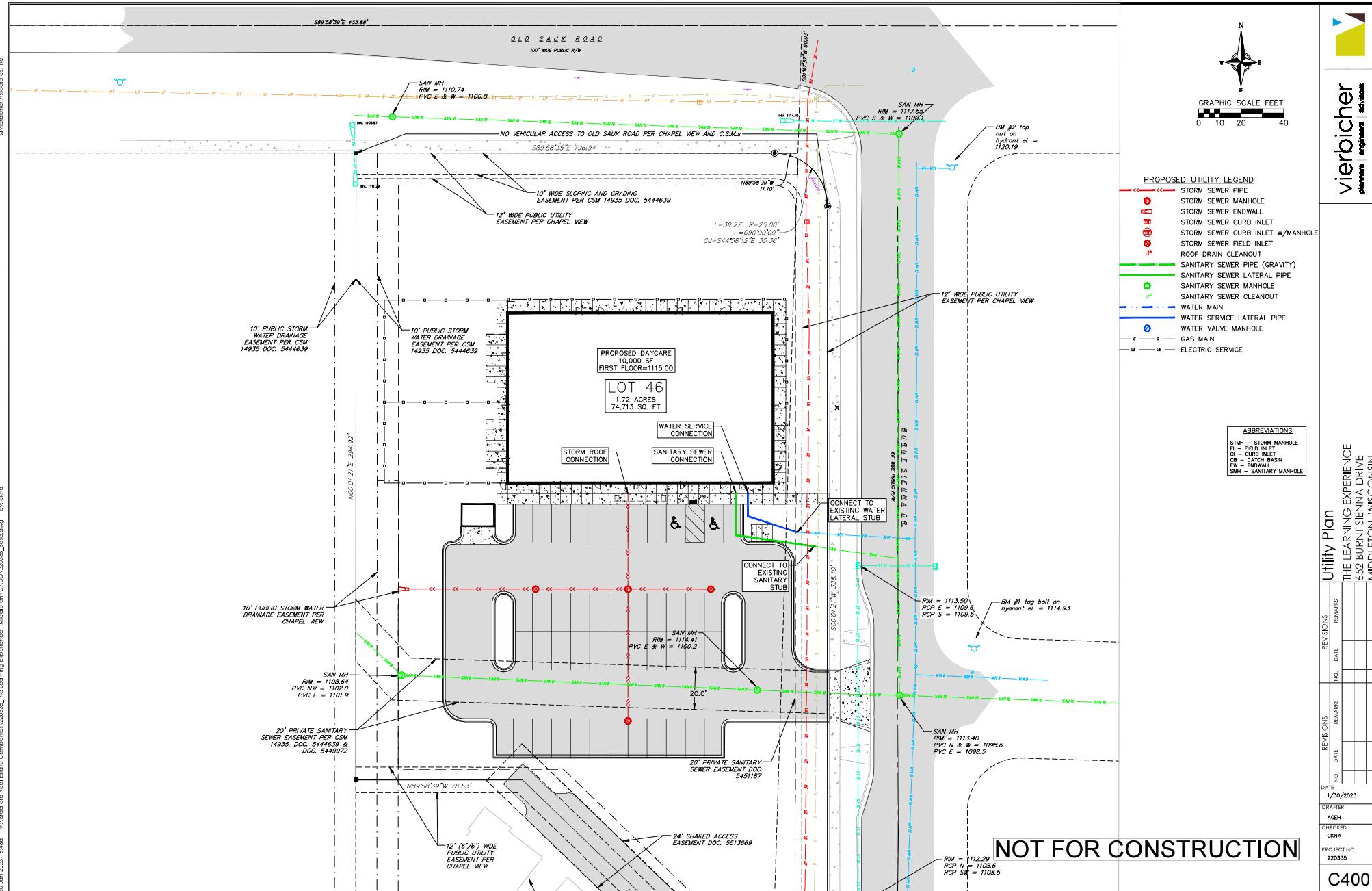
CALL DIGGER'S HOTLINE
1-800-242-8511



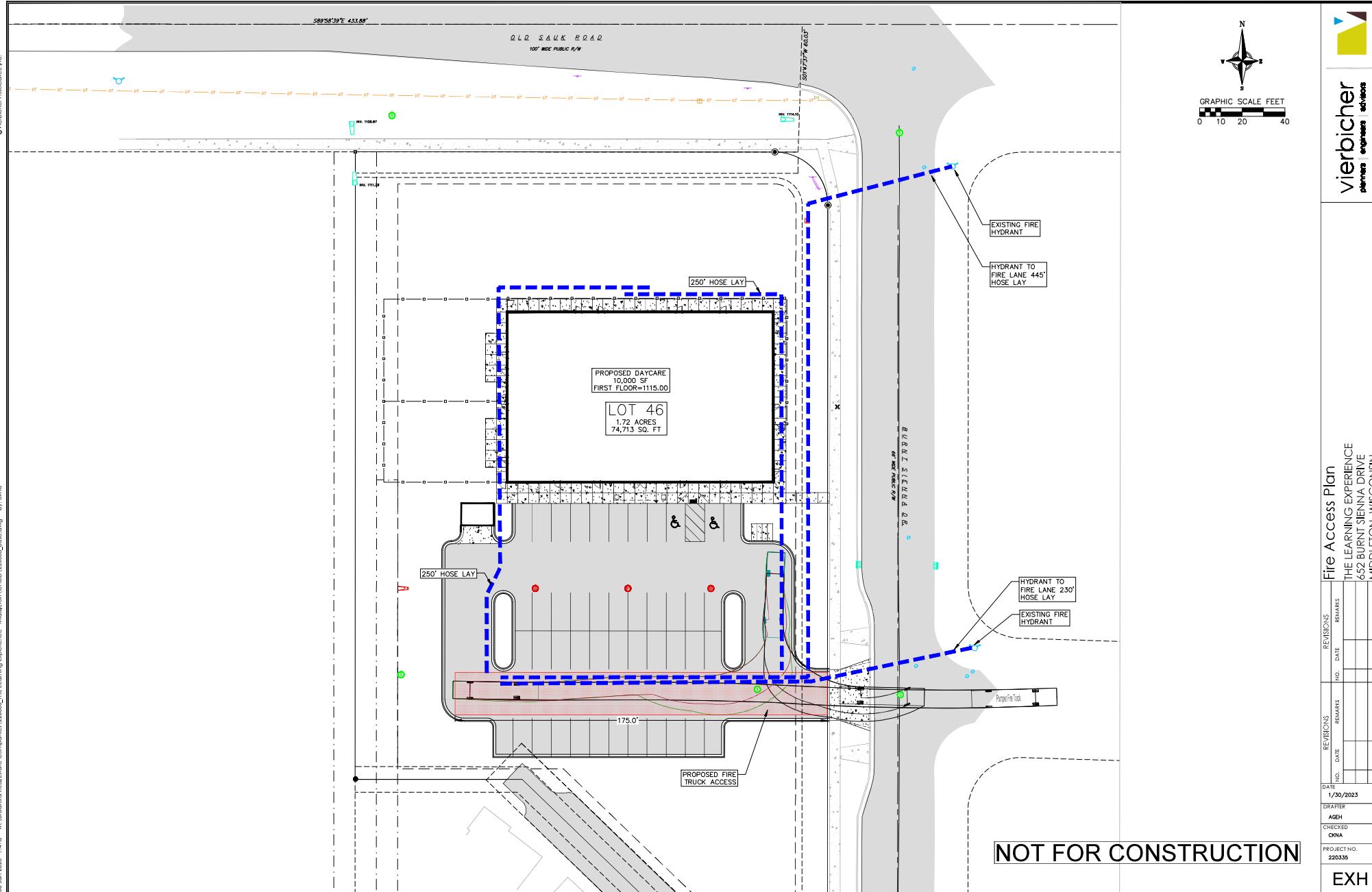
REVISIONS	NO.	DATE	REMARKS
		1/12/2023	

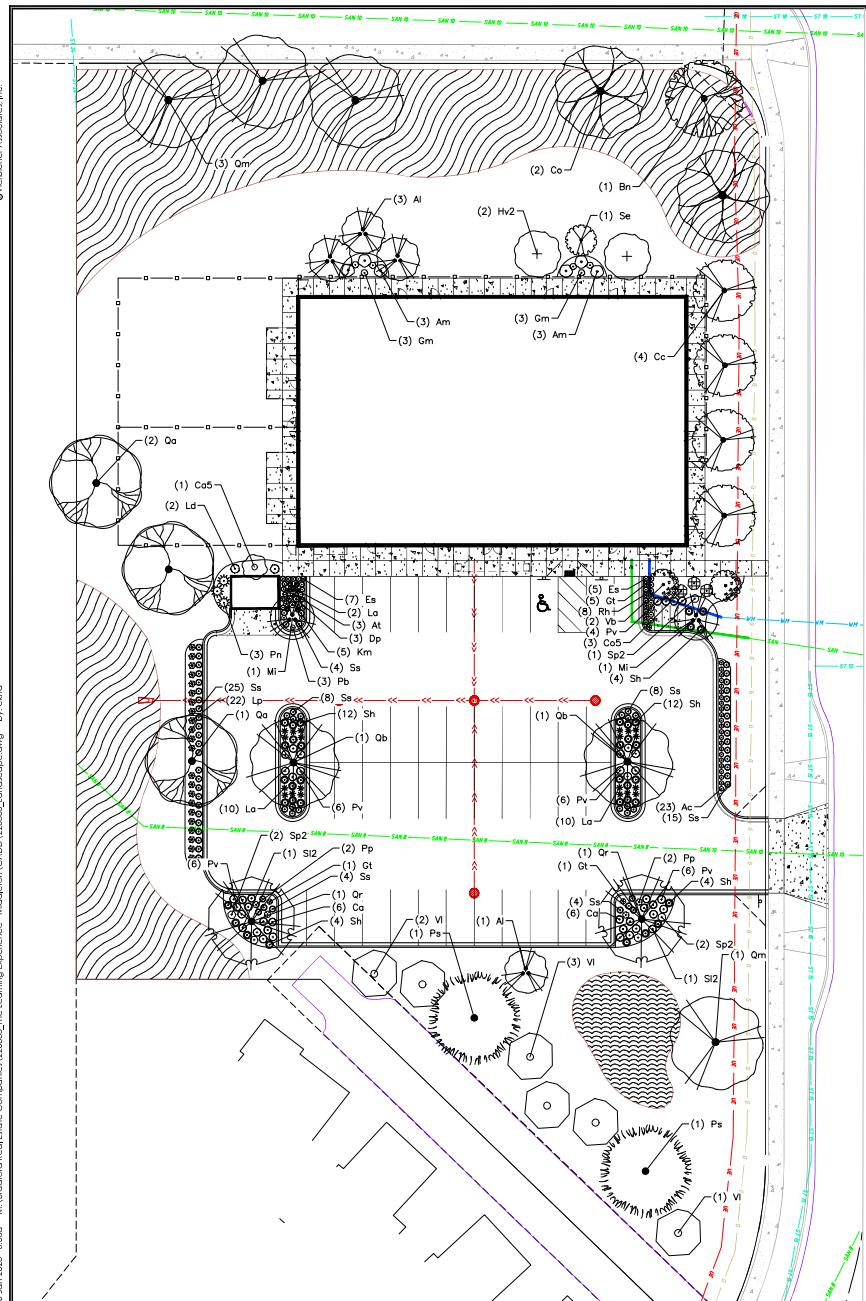






30 Jan 2023 - 9:49a M:\\Bardfield Real Estate Companies\\220335 - The Learning Experience - Middleton\\CADD\\220335 Base.dwg by: ckn





PLANT SCHEDULE

DECIDUOUS TREES		BOTANICAL / COMMON NAME		ROOT COND.		SIZE	NOTES	QTY
Bn	Burke's River Birch	Betula nigra	Mult-Trunk	B & B	7" ht.	7" ht.		2
Ca	Celtis occidentalis	Celtis	Common Hackberry	B & B	2.5" Cal	2.5" Cal		3
Qa	Quercus alba	White Oak		B & B	2.5" Cal	2.5" Cal		2
Qb	Quercus bicolor	Swamp	White Oak	B & B	2.5" Cal	2.5" Cal		2
Qm	Quercus macrocarpa	Burr	Oak	B & B	2.5" Cal	2.5" Cal		4
Or	Quercus rubra	Red	Oak	B & B	2.5" Cal	2.5" Cal		2
EVERGREEN TREES		BOTANICAL / COMMON NAME		ROOT COND.		SIZE	NOTES	QTY
Ps	Pinus strobus	White	Pine	B & B	6" ht.	6" ht.		2
UNDERSTORY TREES		BOTANICAL / COMMON NAME		ROOT COND.		SIZE	NOTES	QTY
Al	Amelanchier laevis	Allegany	Sorrelberry	B & B	7" ht.	7" ht.	Multi-Stem	4
Cc	Carpinus caroliniana	American	Hornbeam	B & B	7" ht.	7" ht.		2
H2	Hamamelis virginiana	Common	Witch Hazel	B & B	5' ht.	5' ht.		2
Mi	Melis leonata	Prairie	Crabapple		15 gal	4"		2
DECIDUOUS SHRUBS		BOTANICAL / COMMON NAME		ROOT COND.		SIZE	NOTES	QTY
Am	Aronia melanocarpa	New	Chokeberry	Part	5 Gal.	5 Gal.		6
Cd	Corylus avellana	New	Growth	Cont.	5 Gal.	5 Gal.		12
Co5	Cephaelanthus occidentalis	Buttonbush		Cont.	5 Gal.	5 Gal.		1
Co5	Corylus americana	American	Hazelnut	B & B	4" ht.	4" ht.		2
Ld	Lonicera diervilla	Honeysuckle		Cont.	3 Gal.	3 Gal.		1
Pn	Physocarpus opulifolius	Ninebark		Cont.	5 Gal.	5 Gal.		3
Se	Sambucus canadensis	American	Elderberry	Cont.	3 Gal.	3 Gal.		1
Vi	Viburnum dentatum	Nannyberry		B & B	7' ht.	7' ht.		6
Vb	Viburnum prunifolium	Blackhaw	Viburnum	Cont.	5 Gal.	5 Gal.		2
PERENNIALS SAVANNA		BOTANICAL / COMMON NAME		ROOT COND.		SIZE	NOTES	QTY
Gm	Geranium maculatum	Spotted	Geranium	Cont.	1 Gal.	1 Gal.		6
PERENNIALS SUN		BOTANICAL / COMMON NAME		ROOT COND.		SIZE	NOTES	QTY
Ac	Allium cernuum	Nodding	Onion	Cont.	1 Gal.	1 Gal.		23
At	Asclepias tuberosa	Butterfly	Milkweed	Cont.	1 Gal.	1 Gal.		3
Bc	Bouteloua curtipendula	Sideoats	Gramma	Cont.	Pint	Pint		8
Dp	Dactylis glomerata	Dwarf	Purple	Cont.	1 Gal.	1 Gal.		3
Ep	Erigeron pumilum	Purple	Clover	Cont.	1 Gal.	1 Gal.		7
Ja	Eryngium leavenworthii	Prairie	Lovage	Cont.	1 Gal.	1 Gal.		1
Km	Keeleria macrocarpa	Prairie	Junegrass	Cont.	Pint	Pint		5
Lo	Liatris aspera	Rough	Blazing Star	Cont.	1 Gal.	1 Gal.		22
Lp	Liatris pycnostachya	Go	Yeafer	Cont.	1 Gal.	1 Gal.		22
Pv	Panicum virgatum	Switch	Grass	Cont.	1 Gal.	1 Gal.		28
Pb	Polygonatum multiflorum	Downy	Solomon's Seal	Cont.	Pint	Pint		3
Pb	Phlox pilosa	Downy	Phlox	Cont.	1 Gal.	1 Gal.		8
Rh	Rubus hispida	Black-	eyed	Cont.	Pint	Pint		75
Ss	Schizachyrium scoparium	Little	Bluestem	Cont.	1 Gal.	1 Gal.		2
Sl2	Silphium laciniatum	Compass	Plant	Cont.	1 Gal.	1 Gal.		5
Sp2	Silphium terebinthinaeum	Prairie	Dock	Cont.	1 Gal.	1 Gal.		36
Sh	Sporobolus heterolepis	Prairie	Dropseed	Cont.	1 Gal.	1 Gal.		

CONCEPT PLANT SCHEDULE

SHORT PRAIRIE SEED MIX	12,156 sf
<hr/>	
BUTTERFLY GARDEN PLUGS	1,091 sf
<i>Alnus glutinosa</i> / Nodding Onion	25
<i>Asclepias speciosa</i> / Butter Milkweed	42
<i>Aster novae-angliae</i> / Whorled Milkweed	25
<i>Baptisia alba</i> / White Wild Indigo	34
<i>Bouteloua curtipendula</i> / Side Oats Grama	59
<i>Carex bicknellii</i> / Prairie Sedge	25
<i>Corynepis polystachya</i> / Stiff Tickseed	17
<i>Dalea candida</i> / White Prairie Clover	17
<i>Dalea candida</i> / Purple Prairie Clover	17
<i>Echinacea pallida</i> / Pale Purple Coneflower	25
<i>Echinacea purpurea</i> / Coneflower	17
<i>Eryngium spectabile</i> / Purple Lovegrass	34
<i>Eryngium yuccifolium</i> / Rattlesnake Master	25
<i>Keckiella cordifolia</i> / Blue Oatgrass	14
<i>Liatris spicata</i> / Rough Blazing Star	50
<i>Liatris pycnostachya</i> / Gayfeather	34
<i>Lobelia cardinalis</i> / Cardinal Flower	17
<i>Monarda fistulosa</i> / Bergamot	17
<i>Monarda fistulosa</i> / Horsemint	25
<i>Phlox pilosa</i> / Downy Phlox	25
<i>Ratibida pinnata</i> / Yellow Coneflower	9
<i>Rudbeckia hirta</i> / Black-eyed Susan	25
<i>Ruellia humilis</i> / Wild Petunia	17
<i>Scirpus americanus</i> / Common Bluestem	84
<i>Solidago missouriensis</i> / Ohio Goldenrod	25
<i>Sporobolus heterolepis</i> / Prairie Dropseed	84
<i>Sympathetrum erraticum</i> / Heath Aster	17
<i>Vernonia fasciculata</i> / Ironweed	9

City of Madison Landscape Worksheet							
The Learning Experience - Middleton				Date: 1/26/2023			
Total Square Footage of Developed Area:		(Site Area)		- (Building Footprint at Grade)		= 64713 sf	
Total Landscape Points Required <5 ac:		64,713		74713		10000	
Landscape Points Required >5 ac:		/ 300 =		216		x 5 = 1,079	
		/ 100 =		0		x 1 = -	
				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	0	13	455	
Tall Evergreen Tree	5.6 feet tall	35	0	0	2	70	
Ornamental tree	1.5" cal	15	0	0	12	180	
Upright evergreen shrub	3-4 feet tall	10	0	0	0	0	
Shrub, deciduous	#3 gallon	3	0	0	36	108	
Shrub, evergreen	#3 gallon	4	0	0	0	0	
Ornamental grasses/ perennials	#1 gallon	2	0	0	242	484	
Ornamental/Decorative Fencing or wall	n/a	4 per 10 LF	0	0		0	
Existing significant specimen tree	Min. Size 2.5" cal.	14 per caliper inch.	0	0		0	
Landscape Furniture for public seating and/or transit connections		5 points per "seat"	0	0		0	
Sub-Total:				0		1297	
Total Points Provided: 1297							

PLANT MATERIAL NOTES:

1. ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z60.1.
2. PLANT MATERIAL SHALL BE THE SPECIES, VARIETY AND SIZE SPECIFIED, NURTURED CORRECTLY ACCORDING TO GOOD AGRICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
3. CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
4. 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.

LANDSCAPE MATERIAL NOTES:

1. 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." PROVIDED A MINIMUM OF 18" OF TOPSOIL IN ALL PLANTING AREAS AND 6" OF TOPSOIL IN AREAS TO BE SEEDED/SODDED.
2. SUBSOIL UNDER TURF AND PLANTING BEDS MUST BE FREE DRAINING AND LOOSE TO ALLOW ROOT PENETRATION AND DRAINAGE. LANDSCAPE CONTRACTOR SHOULD NOTIFY GENERAL CONTRACTOR IF SUBSURFACE COMPACTION IS UNFIT FOR PLANTING. LANDSCAPE CONTRACTOR IS NOT RESPONSIBLE FOR SUBSURFACE SOIL PREPARATION.
3. LANDSCAPE BEDS TO BE MULCHED WITH UNDYED SHREDDED HARDWOOD BARK MULCH TO 3" DEPTH MIN.
4. LANDSCAPE BEDS AND STONE BORDERS ARE SEPARATED FROM SEEDED AREAS WITH COMMERCIAL GRADE ALUMINUM LANDSCAPE EDGING, PERMALOC CLEANLINE $\frac{1}{2}''$ X4" OR EQUAL COLOR BLACK ANODIZED.
5. ALL TREES AND/OR SHRUBS PLANTED IN SEEDED AREAS TO BE INSTALLED WITH A 5" DIAMETER MULCH RING AND SHOVEL CUT EDGE. A SLOW RELEASE FERTILIZER AND MYCORRHIZAL INOCULANT SHOULD BE APPLIED TOPICALLY AT TIME OF PLANTING PRIOR TO MULCH APPLICATION. APPLICATION RATES TO REFLECT MANUFACTURER SPECIFICATIONS.

SEEDING AND PLUG PLANTING NOTES:

1. ALL AREAS LABELED "SHORT PRAIRIE" TO BE SEEDED WITH "SHORTGRASS PRAIRIE FOR MEDIUM SOILS" BY AGRECOL OR EQUIVALENT, PER MANUFACTURER'S SPECIFICATIONS. ALL NATIVE SEEDINGS BETWEEN JUNE 15TH AND OCTOBER 15TH TO RECEIVE AT LEAST 1" WATER TWICE WEEKLY. NATIVE SEEDING PRIOR TO JUNE 15TH AND AFTER OCTOBER 15TH DO NOT REQUIRE WATERING. PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
2. AREAS SHOWN AS TURF GRASS TO BE SEEDED WITH "WEAR-N-TEAR" SEED MIX BY LA CROSSE SEED OR EQUIVALENT. ALL SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE MOISTURE FOR SEEDING. AFTER SEEDING, GROW OUT FOR 10-12 WEEKS. ESTABLISHED, APPLY 1" WATER TWICE WEEKLY UNTIL PLANT ACCEPTANCE. (PRIOR TO ROUTINE MAINTENANCE SCHEDULE ESTABLISHMENT, MOWING SHOULD OCCUR TO MAINTAIN A TURF HEIGHT OF 3"-6") PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
3. INSTALL BUTTERFLY GARDEN PLUG PLANTINGS AS 2" X 2" X 4" OR 2.25" X 2.25" X 5" DEEP PLUGS AS SUPPLIED BY AGRECOL, MIDWEST GROUNDCOVERS OR EQUAL. BIURETENTION PLUGS TO BE INSTALLED 14" ON CENTER IN A TRIANGULAR GRID PATTERN. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING AN EVEN RATIO OF GRASSES/SEDGES/TO FORBS (WILDFLOWERS) THROUGHOUT PLANTING. APPLY 1" WATER DAILY FOR 3 WEEKS FOLLOWING INSTALLATION.
4. ALL UNLABELED DISTURBED AREAS, AND AREAS LABELED LOW MAINTENANCE LAWN BLEND TO BE SEEDED WITH "LOW MAINTENANCE LAWN BLEND" BY LA CROSSE SEED OR EQUIVALENT, PER MANUFACTURER'S SPECIFICATIONS. ALL TURF PLANTED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY 1" WATER TWICE WEEKLY UNTIL PLANT ACCEPTANCE. PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.

GENERAL LANDSCAPE NOTES:

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ANY RIGHT OF WAY WORK.
2. CONTRACTOR SHALL VERIFY ALL UTILITIES WITHIN SCOPE OF CONTRACT.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS AT SITE AND COMPLETE WORK PER SCHEDULE.
4. CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS WITHIN SITE AFTER COMPLETION. CONTRACTOR SHALL CLEAN ANY Affected PAVED AREAS OUTSIDE OF DISTURBANCE DELINEATION DAILY.

PRAIRIE AREAS PLANTING AND MAINTENANCE THROUGH YEAR 2

Remove weeds from the prairie planting using one or a combination of the following methods:
 1. Apply a vegetation killing herbicide (such as glyphosate) at least two times spaced two weeks apart. Apply spot or plug after two weeks from the second herbicide application.
 2. Cover the area entirely with black plastic or cardboard for one growing season.
 3. Roto-till or disk the area at least every month for at least one entire growing season.

PLANTING THE SEED

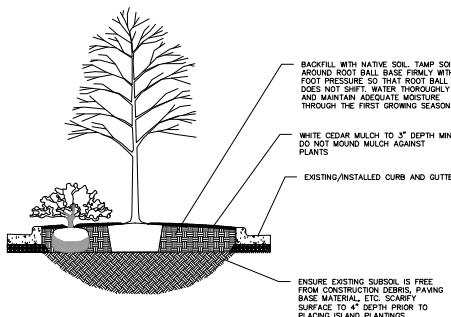
Plant seed mix before June 15 or after October 15 for best results. Soil/seed contact is necessary for seeds to germinate; either hand sow or use a special drill for no-till seeding. Incorporate any necessary soil amendments before sowing. Do not plant seed deeper than one inch. Watering and mulching may help support germination, but watering must be done consistently until germination is complete.

CARING FOR THE PLANTING THROUGH YEAR 2
 Weeds control is critical while the native plants are becoming established. Weeds may be controlled via moving, spot herbicide application, or hand pulling. During the first growing season, mow at a height no less than 6" in late June, late July and late August. In the second year, mow at a height of no less than 6" in late June and mid August. Spot invasive weed treatment should be completed at least once a year with a selective herbicide. Refer to resources provided by the DNR for specific invasive species to be targeted.

PRIMAIRE AREAS PLANTING AND MAINTENANCE AFTER YEAR 2
 After two growing seasons, prairie can be controlled via burning. Burning is best done in late spring (late April) for maximum inhibition of weeds and to preserve winter nesting habitat. Burning should be done biennially. In areas where burning is not feasible, remaining vegetation should be mowed to a height of 6" in late fall or early spring every other year. Spot herbicide treatment should be considered as annual maintenance. Initial invasive species elimination effort results in lower maintenance efforts following treatments.

NOTES:

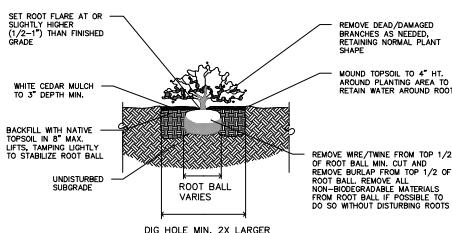
1. PARKING ISLAND TO BE FREE OF AGGREGATE TO A MINIMUM DEPTH OF 24".
2. ANY PAVEMENT BASE MATERIALS REMAINING FROM PAVEMENT INSTALLATION WITHIN PLANTING AREA SHALL BE REMOVED AND REPLACED WITH NATIVE SOIL PRIOR TO PLANTING.



1 PARKING ISLAND PLANTING AREA
1 NOT TO SCALE

NOTES:

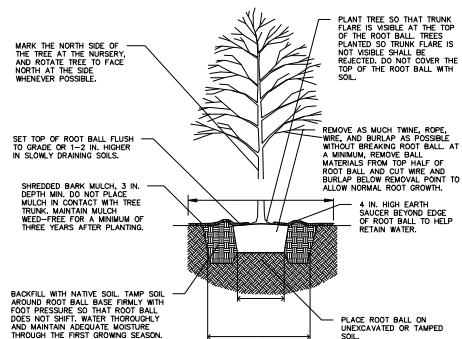
1. KEEP CONTAINERS ON PLANTS UNTIL READY TO INSTALL TO MINIMIZE ROOT DAMAGE FROM EXPOSURE TO AIR. GENTLY LOOSEN ROOTS ON ROOTBOUND PLANTS. SEVERELY ROOTBOUND PLANTS WILL BE REJECTED.
2. APPLY BALANCED SLOW RELEASE FERTILIZER PELLETS TO SOIL SURFACE PRIOR TO MULCHING, PER SPECIFIED APPLICATION RATES.
3. WATER PLANTS THOROUGHLY AFTER PLANTING TO SETTLE SOIL.



1 SHRUB PLANTING DETAIL
1 NOT TO SCALE

NOTES:

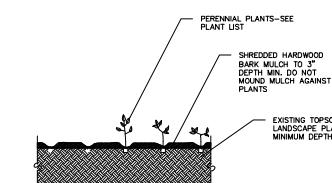
1. DO NOT HEAVILY PRUNE TREE AT PLANTING. PRUNE ONLY CROSSING LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
2. STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
3. WRAP TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.



1 B&B TREE PLANTING DETAIL
1 NOT TO SCALE

NOTES:

1. KEEP CONTAINERS ON PLANTS UNTIL READY TO INSTALL TO MINIMIZE ROOT DAMAGE FROM EXPOSURE TO AIR. GENTLY LOOSEN ROOTS ON ROOTBOUND PLANTS. SEVERELY ROOTBOUND PLANTS WILL BE REJECTED.
2. APPLY BALANCED SLOW RELEASE FERTILIZER PELLETS TO SOIL SURFACE PRIOR TO MULCHING, PER SPECIFIED APPLICATION RATES.
3. WATER PLANTS THOROUGHLY AFTER PLANTING TO SETTLE SOIL.



1 PERENNIAL PLANTING DETAIL
1 NOT TO SCALE

Landscape Notes & Details
The Learning Experience
652 BURN SIENA DRIVE
MIDDLETON, WISCONSIN

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CITY OF MADISON LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 652 Burnt Sienna Drive, Middleton, WI

Name of Project The Learning Experience

Owner / Contact Gary Wendt (The Bradford Real Estate Companies)

Contact Phone 312-493-6256 Contact Email wendt@bradfordchicago.com

**** Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size
MUST be prepared by a registered landscape architect. ****

Applicability

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

- (a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.
- (b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.
- (c) No demolition of a principal building is involved.
- (d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

- (a) For all lots except those described in (b) and (c) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area 64,713

Total landscape points required 1,079

- (b) **For lots larger than five (5) acres**, points shall be provided at five (5) points per three hundred (300) square feet for the first five (5) developed acres, and one (1) point per one hundred (100) square feet for all additional acres.

Total square footage of developed area _____

Five (5) acres = 217,800 square feet

First five (5) developed acres = 3,630 points

Remainder of developed area _____

Total landscape points required _____

- (c) **For the Industrial – Limited (IL) and Industrial – General (IG) districts**, one (1) point shall be provided per one hundred (100) square feet of developed area.

Total square footage of developed area _____

Total landscape points required _____

Tabulation of Points and Credits

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2½ inch caliper measured diameter at breast height (dbh)	35			13	455
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35			2	70
Ornamental tree	1 1/2 inch caliper	15			12	180
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10			0	0
Shrub, deciduous	#3 gallon container size, Min. 12"-24"	3			36	108
Shrub, evergreen	#3 gallon container size, Min. 12"-24"	4			0	0
Ornamental grasses/ perennials	#1 gallon container size, Min. 8"-18"	2			242	484
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.			0	0
Existing significant specimen tree	Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch dbh. Maximum points per tree: 200			0	0
Landscape furniture for public seating and/or transit connections	* Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points.	5 points per "seat"			0	0
Sub Totals						1297

Total Number of Points Provided 1297

* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.

Landscaping shall be distributed throughout the property along street frontages, within parking lot interiors, as foundation plantings, or as general site landscaping. The total number of landscape points provided shall be distributed on the property as follows.

Total Developed Area

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot.

Development Frontage Landscaping

Landscaping and/or ornamental fencing shall be provided between buildings or parking areas and the adjacent street(s), except where buildings are placed at the sidewalk. Landscape material shall include a mix of plant materials.

Interior Parking Lot Landscaping

The purpose of interior parking lot landscaping is to improve the appearance of parking lots, provide shade, and improve stormwater infiltration. **All parking lots with twenty (20) or more parking spaces** shall be landscaped in accordance with the interior parking lot standards.

Foundation Plantings

Foundation plantings shall be installed along building facades, except where building facades directly abut the sidewalk, plaza, or other hardscape features. Foundation plantings shall consist primarily of shrubs, perennials, and native grasses.

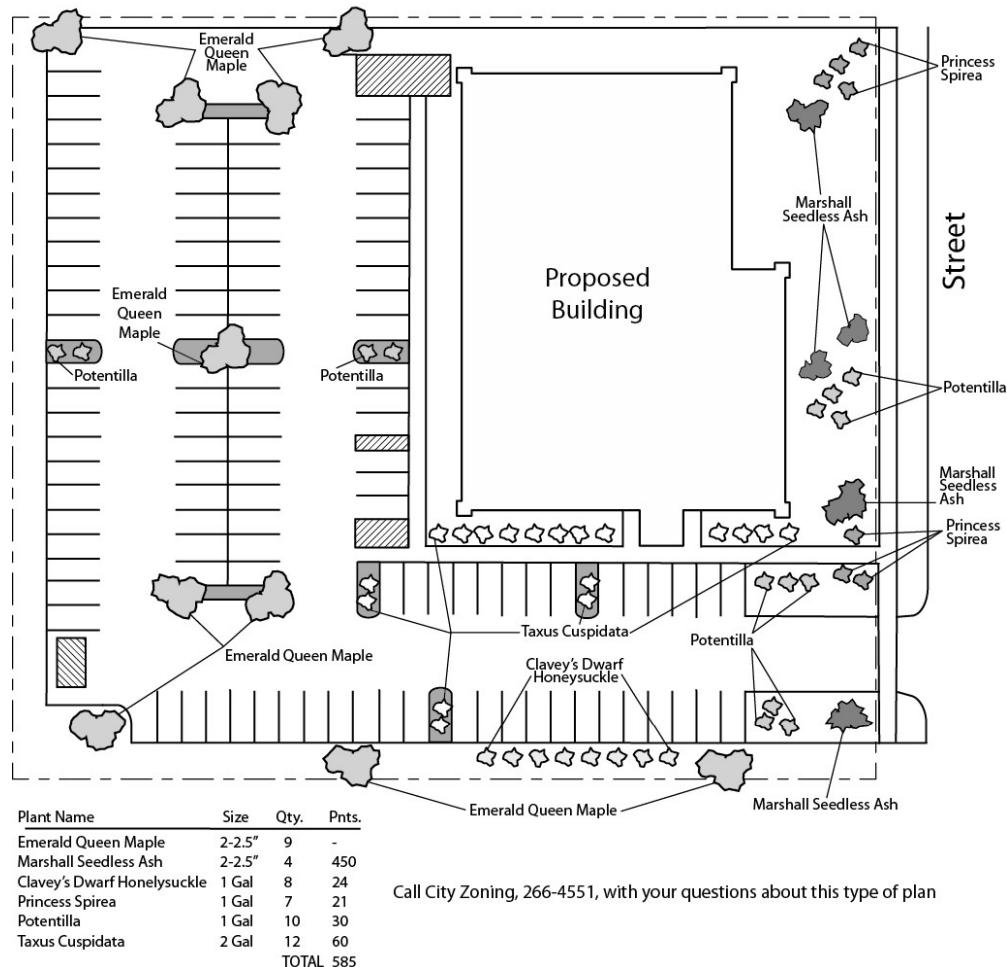
Screening Along District Boundaries

Screening shall be provided along side and rear property boundaries between commercial, mixed use or industrial districts and residential districts.

Screening of Other Site Elements

The following site elements shall be screened in compatibility with the design elements, materials and colors used elsewhere on the site: refuse disposal areas, outdoor storage areas, loading areas, and mechanical equipment.

Example Landscape Plan



LANDSCAPE PLAN AND LANDSCAPE WORKSHEET INSTRUCTIONS

Refer to Zoning Code Section 28.142 LANDSCAPING AND SCREENING REQUIREMENTS for the complete requirements for preparing and submitting a Landscape Plan and Landscape Worksheet.

Applicability.

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless all of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

- (a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.
- (b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.
- (c) No demolition of a principal building is involved.
- (d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Landscape Plan and Design Standards.

Landscape plans shall be submitted as a component of a site plan, where required, or as a component of applications for other actions, including zoning permits, where applicable. Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size must be prepared by a registered landscape architect.

- (a) Elements of the landscape plan shall include the following:
 1. Plant list including common and Latin names, size and root condition (i.e. container or ball & burlap).
 2. Site amenities, including bike racks, benches, trash receptacles, etc.
 3. Storage areas including trash and loading.
 4. Lighting (landscape, pedestrian or parking area).
 5. Irrigation.
 6. Hard surface materials.
 7. Labeling of mulching, edging and curbing.
 8. Areas of seeding or sodding.
 9. Areas to remain undisturbed and limits of land disturbance.
 10. Plants shall be depicted at their size at sixty percent (60%) of growth.
 11. Existing trees eight (8) inches or more in diameter.
 12. Site grading plan, including stormwater management, if applicable.
- (b) Plant Selection. Plant materials provided in conformance with the provisions of this section shall be nursery quality and tolerant of individual site microclimates.
- (c) Mulch shall consist of shredded bark, chipped wood or other organic material installed at a minimum depth of two (2) inches.

Landscape Calculations and Distribution.

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area, for the purpose of this requirement, is defined as that area within a single contiguous boundary which is made up of structures, parking driveways and docking/loading facilities, but **excluding** the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot.

- (a) Landscaping shall be distributed throughout the property along street frontages, within parking lot interiors, and as foundation plantings, or as general site landscaping.
- (b) Planting beds or planted areas must have at least seventy-five percent (75%) vegetative cover.
- (c) Canopy tree diversity requirements for new trees:
 1. If the development site has fewer than 5 canopy trees, no tree diversity is required.
 2. If the development site has between 5 and 50 canopy trees, no single species may comprise more than 33% of trees.
 3. If the development site has more than 50 canopy trees, no single species may comprise more than 20% of trees.

Development Frontage Landscaping.

Landscaping and/or ornamental fencing shall be provided between buildings or parking areas and the adjacent street(s), except where buildings are placed at the sidewalk. Landscape material shall include a mix of plant material meeting the following minimum requirements:

- (a) One (1) overstory deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may be used in place of one (1) overstory deciduous tree.
- (b) In cases where building facades directly abut the sidewalk, required frontage landscaping shall be deducted from the required point total.
- (c) In cases where development frontage landscaping cannot be provided due to site constraints, the zoning administrator may waive the requirement or substitute alternative screening methods for the required landscaping.
- (d) Fencing shall be a minimum of three (3) feet in height, and shall be constructed of metal, masonry, stone or equivalent material. Chain link or temporary fencing is prohibited.

Interior Parking Lot Landscaping.

The purpose of interior parking lot landscaping is to improve the appearance of parking lots, provide shade, and improve stormwater infiltration. **All parking lots with twenty (20) or more parking spaces** shall be landscaped in accordance with the following interior parking lot standards.

- (a) For new development on sites previously undeveloped or where all improvements have been removed, a minimum of eight percent (8%) of the asphalt or concrete area of the parking lot shall be devoted to interior planting islands, peninsulas, or landscaped strips. For changes to a developed site, a minimum of five percent (5%) of the asphalt or concrete area shall be interior planting islands, peninsulas, or landscaped strips. A planting island shall be located at least every twelve (12) contiguous stalls with no break or alternatively, landscaped strips at least seven (7) feet wide between parking bays.
- (b) The primary plant materials shall be shade trees with at least one (1) deciduous canopy tree for every one hundred sixty (160) square feet of required landscaped area. Two (2) ornamental deciduous trees may be substituted for one (1) canopy tree, but ornamental trees shall constitute no more than twenty-five percent (25%) of the required trees. No light poles shall be located within the area of sixty percent (60%) of mature growth from the center of any tree.
- (c) Islands may be curbed or may be designed as uncurbed bio-retention areas as part of an approved low impact stormwater management design approved by the Director of Public Works. The ability to maintain these areas over time must be demonstrated. (See Chapter 37, Madison General Ordinances, Erosion and Stormwater Runoff Control.)

Foundation Plantings.

Foundation plantings shall be installed along building facades, except where building facades directly abut the sidewalk, plaza, or other hardscape features. Foundation plantings shall consist primarily of shrubs, perennials, and native grasses. The Zoning Administrator may modify this requirement for development existing prior to the effective date of this ordinance, as long as improvements achieve an equivalent or greater level of landscaping for the site.

Screening Along District Boundaries.

Screening shall be provided along side and rear property boundaries between commercial, mixed use or industrial districts and residential districts. Screening shall consist of a solid wall, solid fence, or hedge with year-round foliage, between six (6) and eight (8) feet in height, except that within the front yard setback area, screening shall not exceed four (4) feet in height. Height of screening shall be measured from natural or approved grade. Berms and retaining walls shall not be used to increase grade relative to screening height.

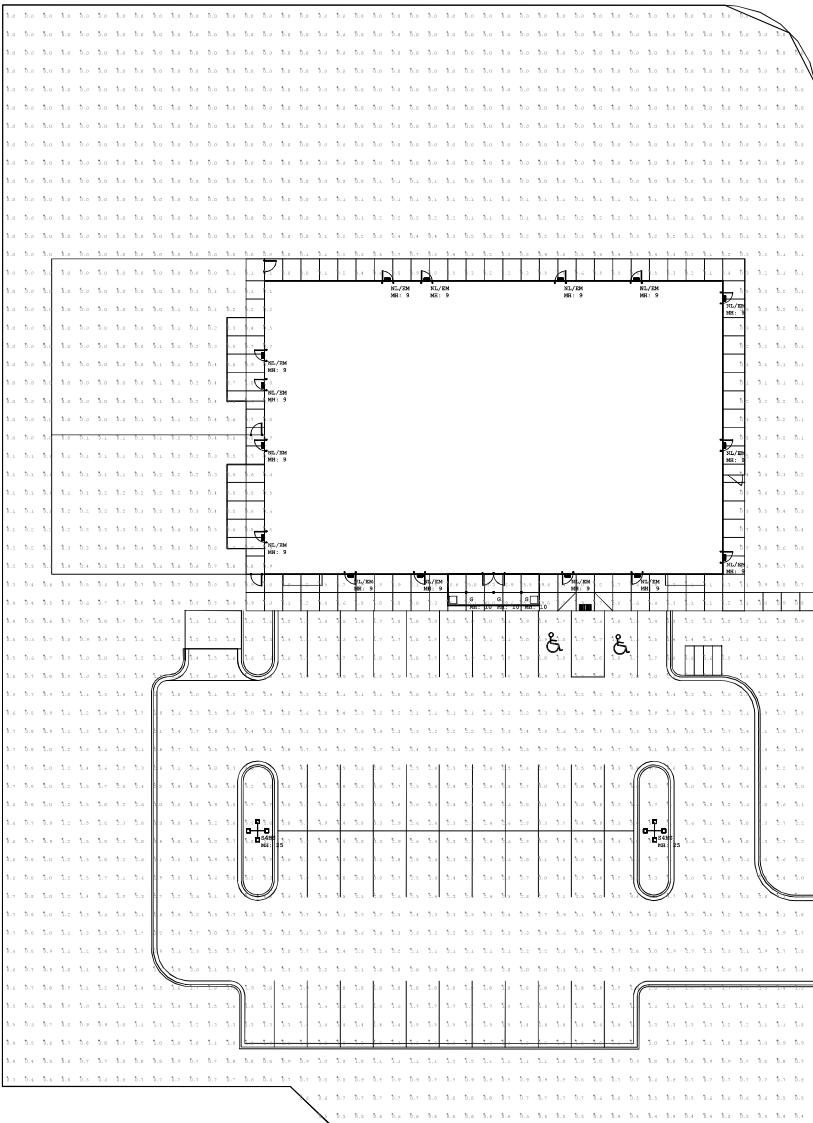
Screening of Other Site Elements.

The following site elements shall be screened in compatibility with the design elements, materials and colors used elsewhere on the site, as follows:

- (a) **Refuse Disposal Areas.** All developments, except single family and two family developments, shall provide a refuse disposal area. Such area shall be screened on four (4) sides (including a gate for access) by a solid, commercial-grade wood fence, wall, or equivalent material with a minimum height of six (6) feet and not greater than seven (7) feet.
- (b) **Outdoor Storage Areas.** Outdoor storage areas shall be screened from abutting residential uses with a by a building wall or solid, commercial-grade wood fence, wall, year-round hedge, or equivalent material, with a minimum height of six (6) feet and not greater than seven (7) feet. Screening along district boundaries, where present, may provide all or part of the required screening.
- (c) **Loading Areas.** Loading areas shall be screened from abutting residential uses and from street view to the extent feasible by a building wall or solid, commercial-grade wood fence, or equivalent material, with a minimum height of six (6) feet and not greater than seven (7) feet. Screening along district boundaries, where present, may provide all or part of the required screening.
- (d) **Mechanical Equipment.** All rooftop and ground level mechanical equipment and utilities shall be fully screened from view from any street or residential district, as viewed from six (6) feet above ground level. Screening may consist of a building wall or fence and/or landscaping as approved by the Zoning Administrator.

Maintenance.

The owner of the premises is responsible for the watering, maintenance, repair and replacement of all landscaping, fences, and other landscape architectural features on the site. All planting beds shall be kept weed free. Plant material that has died shall be replaced no later than the upcoming June 1.



Symbol	Qty	Label	Arrangement	Description	Ext	Int	Luminance	Luminance	Total	Mounting
1	1	VNP-120-120-120-120-120-120	Single	VNP-120-120-120-120-120-120	120/2M	1,000	300	300	1,600	Surface
2	1	EDP-120-120-120-120-120-120	8.8.100 Degrees	EDP-120-120-120-120-120-120	120/2S	0,000	111,03	111,03	922,03	CS
Implementation Schedule										
Phase Activity Start Date End Date Key Min Max										
EDP-120-120-120-120-120-120										

CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK
IN THE CONTRACTOR'S BEST JUDGMENT AND ATTENTION.
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND
WILL BE HELD LIABLE FOR THE CONTRACTOR'S WORKING
TECHNIQUES, SEQUENCE, AND JOBSITE SAFETY.
CONTRACTOR MUST INSTALL ALL PRODUCTS PER
DRAWINGS, BUT THE CONTRACTOR IS REQUESTED TO BE
SUBMITTED TO THE ARCHITECT FOR APPROVAL.
VERBAL REPRESENTATION HAS NO VALUE AND ALL
COMMUNICATIONS, WHETHER ORAL OR WRITTEN,
SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN
WRITING TO THE ARCHITECT & FOR APPROVAL



Jarmel Kizel
ARCHITECTS AND ENGINEERS INC.

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FAX: 973-399-0099
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MIDDLETON, WISCONSIN



ISSUE	NO.	DATE	DESCRIPTION	Int.
REVISION	NO.	DATE	DESCRIPTION	Int.

PROFESSIONAL CERTIFICATION
NAME OF LICENSEE:
MATTHEW B. JARMEI
LICENSE NUMBER: 12809

Prepared by: **TEW22-114** Sent by: **MMJ**
Owner by: **CS** Approved by: **MMJ**

Drawing Name:

SITE PHOTOMETRICS

Drawing Number:	SA-1.6
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City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703

Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 652 BURNT SIENNA DRIVE, MIDDLETON, WI

Contact Name & Phone #: Gary Wendt 312-493-6256

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If non-sprinklered , fire lanes extend to within 150-feet of all portions of the exterior wall?			
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
If sprinklered , fire lanes are within 250-feet of all portions of the exterior wall?			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
a) Is the fire lane a minimum unobstructed width of at least 20-feet?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
c) Is the minimum inside turning radius of the fire lane at least 28-feet?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
d) Is the grade of the fire lane not more than a slope of 8%?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
e) Is the fire lane posted as fire lane? (Provide detail of signage.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
a) Is the gate a minimum of 20-feet clear opening?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, does the area for turning around fire apparatus comply with IFC D103?			
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, see IFC 3206.6 for further requirements.			
6. Is any part of the building <u>greater than 30-feet</u> above the grade plane?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, answer the following questions:			
a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<i>Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.</i>			
a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is there at least 40' between a hydrant and the building?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
c) Are the hydrant(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the street or fire lane?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1½-feet, within 5-feet of a fire hydrant?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<i>Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.</i>			

Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on **MGO 34.503** and **IFC 2021 Edition Chapter 5 and Appendix D**; please see the codes for further information.