DIMENSION IV
Madison Design Group

architecture · interior design · planning

6515 Grand Teton Plaza, Suite 120, Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

Kind & Joyful Daycare

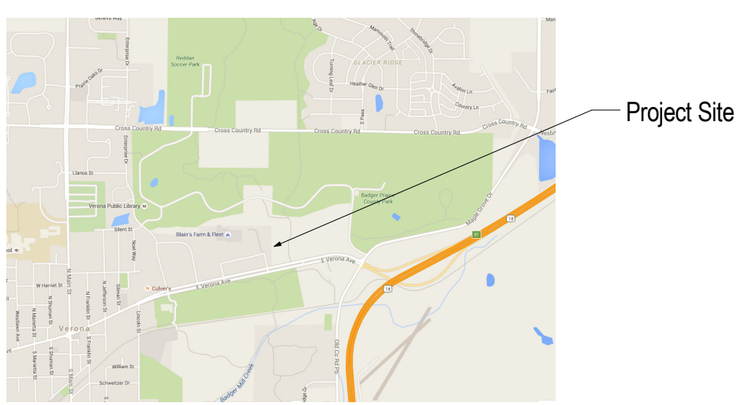
Verona, WI

RENDERING IS REPRESENTATIVE ONLY - SEE DOCUMENTS FOR ALL BUILDING INFORMATION

PROJECT RENDERING/PERSPECTIVE/ELEVATION

Architecture : **Dimension IV - Madison Design Group**
6515 Grand Teton Plaza, Suite 120, Madison, WI 53719
p: 608.829.4444 www.dimensionivmadison.com

Civil Engineering: **Professional Engineering**
Address,818 Meadowbrook Ln, Waunakee, WI 53597
p: 608-849-9378



SITE MAP

PROJECT/BUILDING DATA

NEW 1 STORY BUILDING

BUILDING AREAS
BASEMENT TOTAL AREA = 2,708 SQFT
FIRST FLOOR TOTAL AREA= 2,708 SQFT
TOTAL BUILDING AREA = 5,416 SQFT +/-

PARKING COUNTS
TOTAL PARKING SPACES = 19

CODE INFORMATION SUMMARY:

APPLICABLE CODE
2009 WISCONSIN COMMERCIAL BUILDING CODE

CONSTRUCTION TYPE
TYPE VB = 1 STORY BUILDING
TYPE VB = BASEMENT

OCCUPANCY
I4 - DAYCARE

FIRE SPRINKLER
BUILDING IS NOT SPRINKLERED

ALLOWABLE AREA AND HEIGHT SUMMARY
TYPE VB CONSTRUCTION = 1 STORY ALLOWED (1 STORY ACTUAL)
9,500 S.F. / FLOOR (TABULAR)
(FRONTAGE INCREASE NOT TAKEN)
(SPRINKLER INCREASE NOT TAKEN)
2,708 S.F. MAX ACTUAL = 9,500 S.F. = 29% (0.29 OF ALLOWED)

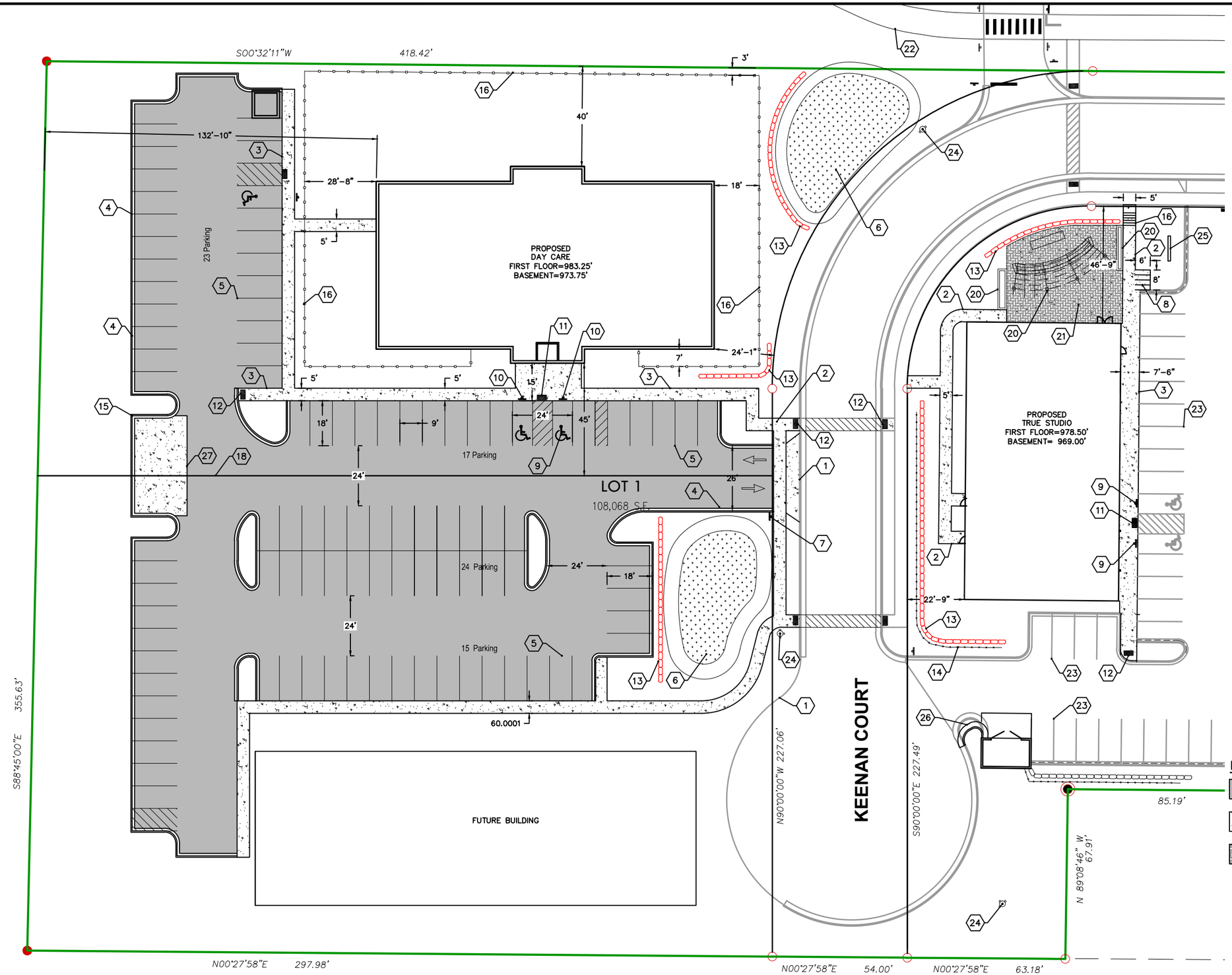
LIST OF DRAWINGS

G0.1 Cover Sheet
C101 Site Plan
C201 Grading Plan
C300 Erosion Control Plan
C400 Utility Plan
C500 Storm Sewer Schedule
L1.1 Landscape Plan
E1.1 Lighting Plan
A1.0 Ground Floor Plan
A1.1 Basement Floor Plan
A2.0 Elevations
A3.0 Perspective View
Trash Enclosure

PROJECT # 16036

4/20/2016

G0.1



PLAN KEY

1. NEW DRIVEWAY APPROACH IN ACCORDANCE WITH CITY STANDARDS.
2. CONCRETE SIDEWALK
3. RAISED CONCRETE SIDEWALK
4. 18" CURB AND GUTTER
5. 4" PAVEMENT STRIPING WITH TWO COATS OF TRAFFIC GRADE LATEX PAINT, TYP
6. BIORETENTION AREA
7. 7' HIGH STOP SIGN
8. U-SHAPED SURFACE MOUNTED BICYCLE RACKS (MADRAX U190-SF-G) ACCESSIBLE STALL, TYP.
9. ACCESSIBLE PARKING STALL
10. ACCESSIBLE PARKING SIGN, TYP.
11. CURB RAMP, TYPE 1 WITH DETECTABLE WARNING FIELD, TYP.
12. CURB RAMP, TYPE 2 WITH DETECTABLE WARNING FIELD, TYP.
13. LIMESTONE RETAINING WALL, TYP.
14. SPLIT RAIL FENCE
15. DUMPSTER ENCLOSURE, SEE ARCHITECTURAL PLANS
16. FENCE, SEE ARCHITECTURAL PLANS
17. STAIRS
18. PROPOSED LOT LINE
19. PLANTERS, SEE ARCHITECTURAL PLANS
20. PERGOLA, SEE ARCHITECTURAL PLANS
21. STAMPED CONCRETE
22. EX BIKE PATH
23. EX STRIPING (PARKING), TYP.
24. EX HYDRANT
25. MONUMENT SIGN
26. REWORK CURB AND GUTTER/ENTRANCE
27. CONCRETE APRON

KEY

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- CONCRETE SIDEWALK
- BIORETENTION
- LIMESTONE RETAINING WALL

N E S W

0 20 40 60

SCALE : 1" = 20' (24 X 36)
1" = 40' (11 X 17)

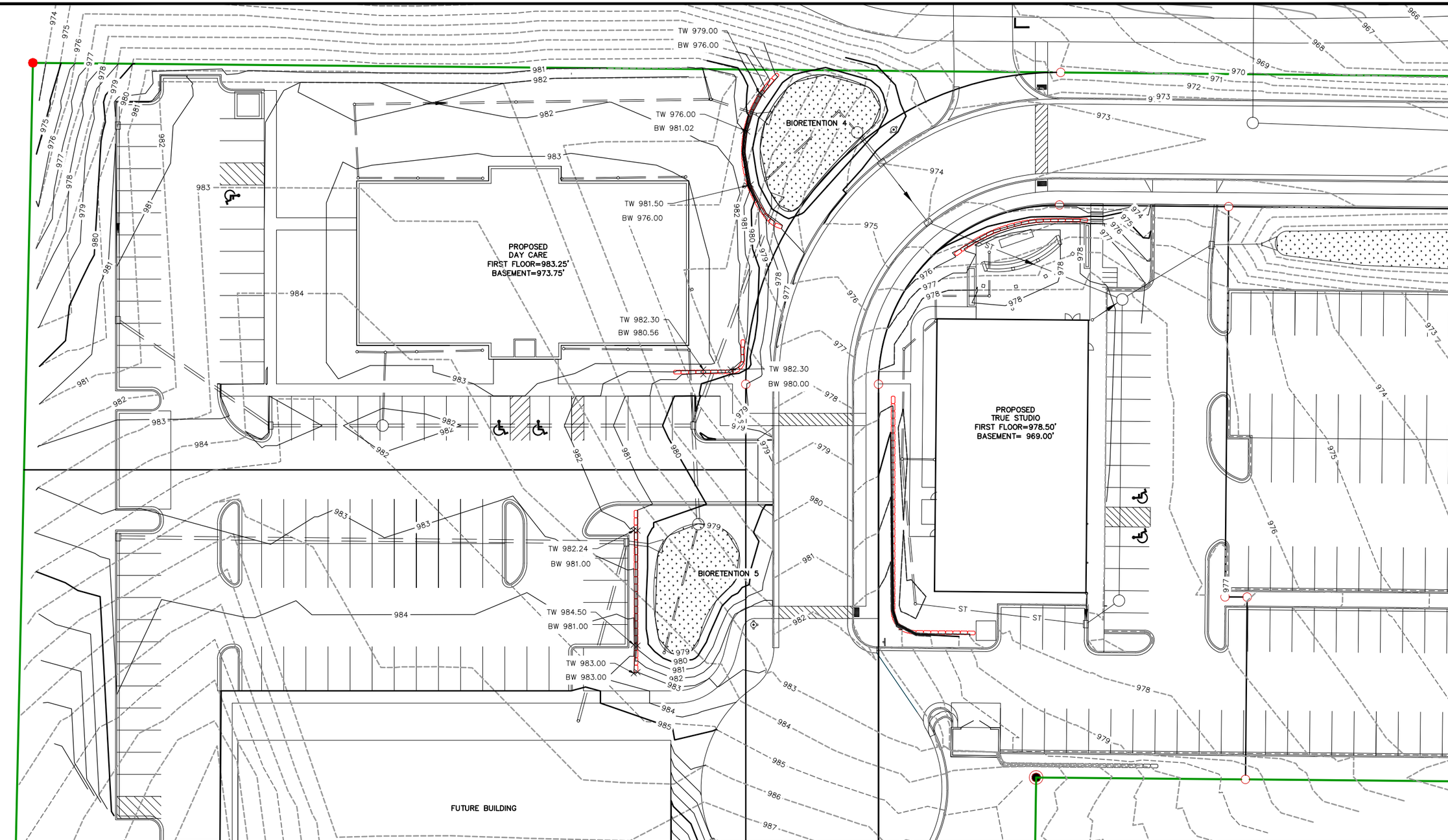
ISSUANCE/REVISION	DATE
SITE PLAN REVIEW	04-19-16

PROFESSIONAL ENGINEERING LLC
818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
fax (608) 237-2129

KIND & JOYFUL DAYCARE SITE PLAN

KEENAN COURT
VERONA, WISCONSIN

C101



GRADING NOTES

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
3. ALL MATCHING PAVEMENT AND STORM SEWER ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE.
4. CONTOUR AND SPOT ELEVATIONS SHOWN ARE FINISH GRADE ELEVATIONS.
5. ALL LAWN AND PLANTING AREAS WHICH HAVE BEEN COMPACTED DUE TO CONSTRUCTION SHALL BE LOOSENED PRIOR TO ADDITION OF TOPSOIL.

GRADING LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- LIMESTONE RETAINING WALL

N S E W

0 20 40 60

SCALE : 1" = 20' (24 X 36)
1" = 40' (11 X 17)

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SITE PLAN REVIEW	04-07-16

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Waunakee, WI 53597
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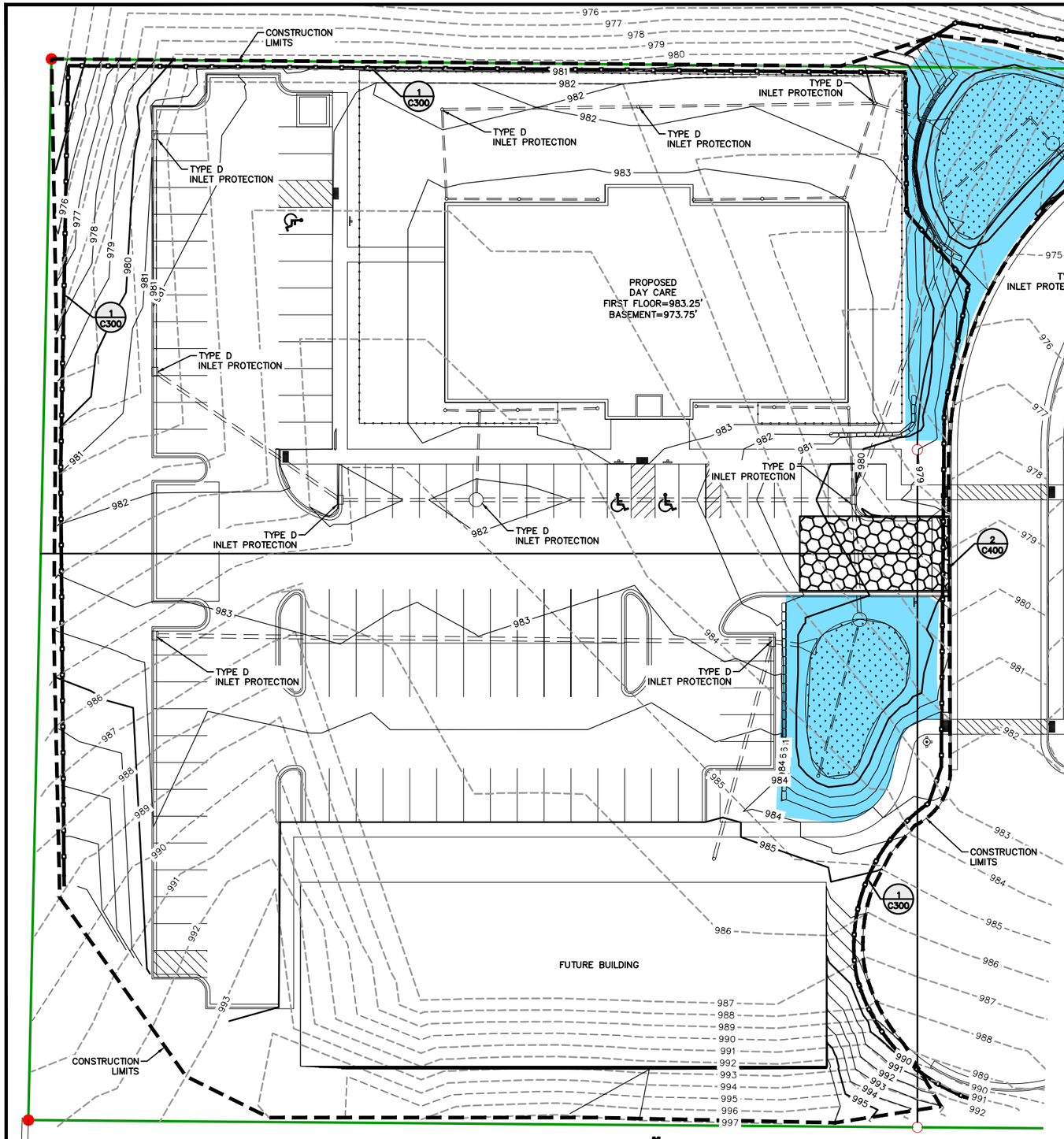
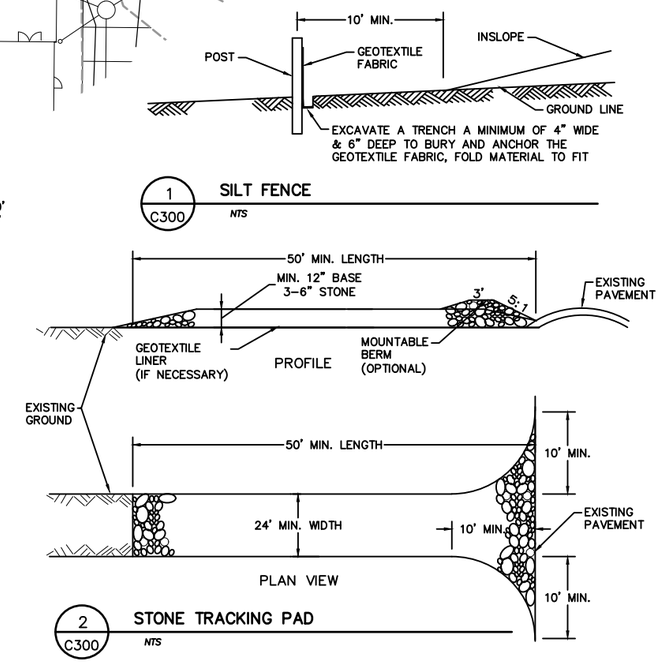
KIND & JOYFUL DAYCARE GRADING PLAN

KEENAN COURT
VERONA, WISCONSIN

C201





KEY

WISCONSIN DOT CLASS 1, TYPE B, EROSION MAT

SCALE : 1" = 20' (24 X 36)
1" = 40' (11 X 17)

EROSION CONTROL NOTES

(1) THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL DEVICES FROM THE START OF LAND DISTURBING CONSTRUCTION ACTIVITIES UNTIL FINAL STABILIZATION OF THE CONSTRUCTION SITE.

(2) ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY ORDINANCE AND THE APPROPRIATE WISCONSIN DNR CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS. THE CITY RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES AS CONDITIONS WARRANT.

(3) CLEANING. RIGHT-OF-WAY SURFACES SHALL BE THOROUGHLY CLEANED BEFORE THE END OF EACH WORKING DAY.

(4) RESTORATION. RESTORATION SHALL BE COMPLETED AS NOTED IN THE CONSTRUCTION SCHEDULE UNLESS OTHERWISE AUTHORIZED BY THE TOWN.

(5) INSPECTION. THE CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. DOCUMENTATION OF EACH INSPECTION SHALL INCLUDE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF LAND DISTURBANCE AT THE CONSTRUCTION SITE, PERSON CONDUCTING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND A DESCRIPTION OF ANY EROSION OR SEDIMENT CONTROL MEASURE INSTALLATION.

(6) STONE TRACKING PAD. BEFORE BEGINNING CONSTRUCTION, CONTRACTOR SHALL INSTALL A STONE TRACKING PAD AT EACH POINT WHERE VEHICLES ENTERS/EXITS THE CONSTRUCTION SITE. STONE TRACKING PADS SHOULD BE AT LEAST 24 FEET WIDE AND 50 FEET LONG, AND CONSTRUCTED OF 3-6 INCH WASHED STONE WITH A DEPTH OF AT LEAST 12 INCHES. ON SITES WITH CLAY SOILS, STONE TRACKING PADS MUST BE UNDERLAIN WITH A GEOTEXTILE LINER TO PREVENT THE STONE FROM SINKING INTO THE SOIL.

(7) INLET PROTECTION. ALL INLETS SUBJECT TO DRAINAGE SHALL BE PROTECTED WITH TYPE D INLET PROTECTION OR APPROVED EQUAL. ANY DEPOSITS OF DIRT, MUD, ROCK, DEBRIS, OR OTHER MATERIAL ENTERING THE STORM SEWER SYSTEM SHALL BE PROMPTLY AND THOROUGHLY CLEANED OUT.

(8) EROSION MAT. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 4H:1V SHALL BE STABILIZED WITH WISCONSIN DOT CLASS 1, URBAN, TYPE B, EROSION MAT.

(9) TEMPORARY EROSION CONTROL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

(10) STABILIZATION. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.

(11) TOPSOIL. A MINIMUM OF 4 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.

(12) SEEDING. SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2 LBS PER 1,000 SF OF AREA OR AS NOTED ON THE LANDSCAPE PLAN.

(13) STOCKPILES. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.

(14) POLYMER. BARE SOILS TO BE EXPOSED OVER WINTER SHALL BE SPRAYED WITH POLYMER IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARD 1050.

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KIND & JOYFUL DAYCARE
EROSION CONTROL PLAN

KEENAN COURT
VERONA, WISCONSIN

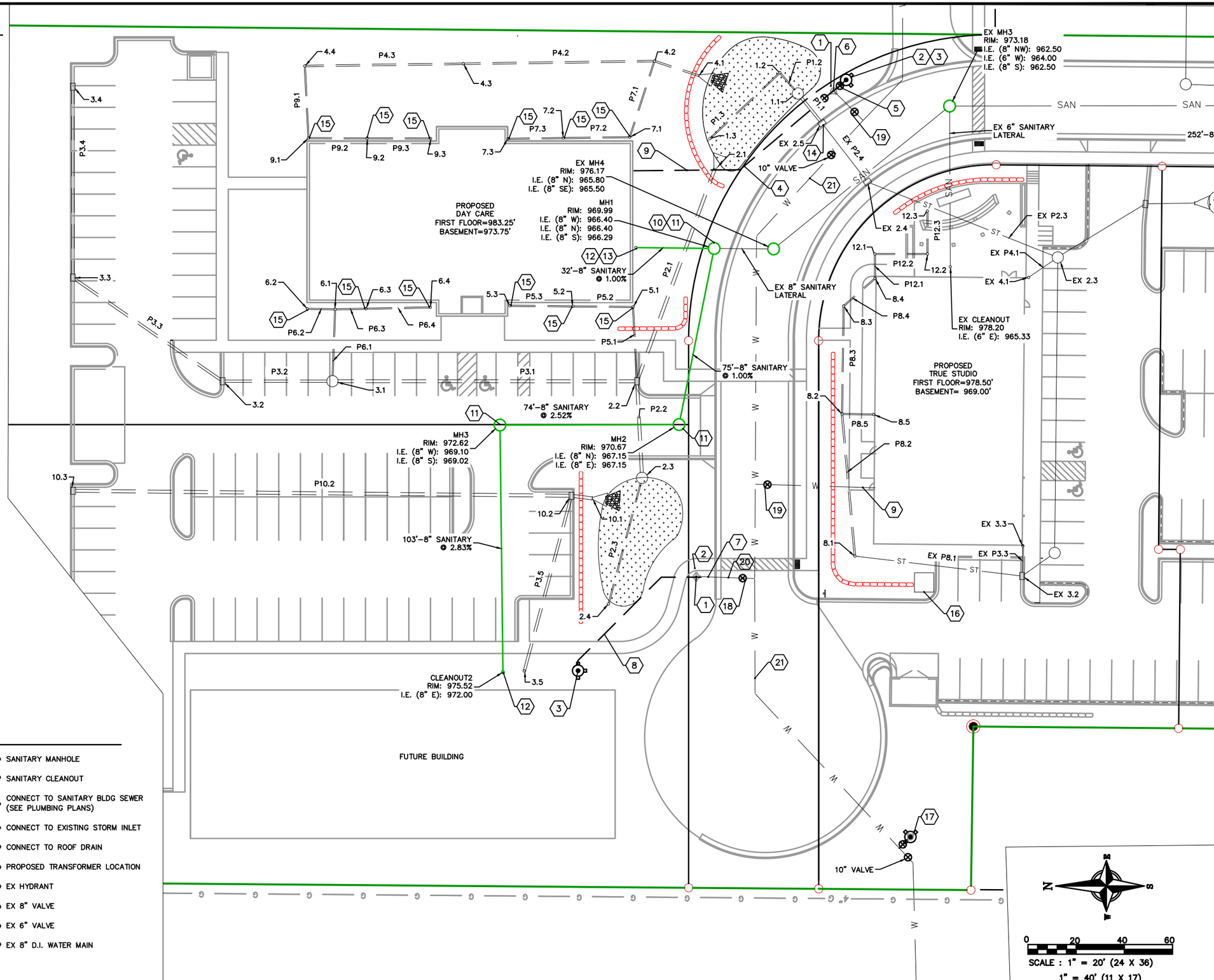
C300

UTILITY NOTES

1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
2. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR UTILITY PLANS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
3. ALL SITE UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF VERONA CONSTRUCTION STANDARDS FOR SANITARY SEWER, WATER MAIN AND STORM SEWER CONSTRUCTION, DECEMBER 2014 EDITION AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION.
4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FOR ANY WORK TO BE DONE WITHIN THE RIGHT-OF-WAY.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE CITY PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
6. RESTORATION OF PAVEMENT, CURB & GUTTER, AND SIDEWALK WITHIN THE STREET RIGHT OF WAY IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE UNDERGROUND IMPROVEMENTS.
7. ALL STORM SEWER PIPE TO BE ADS N-12 OR RCP CLASS III REINFORCED CONCRETE WITH RUBBER GASKETS AS NOTED ON THE STORM SEWER SCHEDULE.
8. CONTRACTOR SHALL CONFIRM CONNECTION ELEVATION GRADES OF ALL PIPES PRIOR TO BEGINNING CONSTRUCTION.
9. WATER SERVICES 4" AND LARGER SHALL BE DUCTILE IRON, CLASS 52. WATER SERVICES 2" AND SMALLER SHALL BE TYPE "K" COPPER.
10. SANITARY SEWER SERVICES SHALL BE SDR-35 PVC.
11. ANY PERSON WHO INSTALLS A NONCONDUCTIVE WATER OR SEWER LATERAL MUST ALSO INSTALL A LOCATION WIRE OR OTHER EQUALLY EFFECTIVE MEANS FOR MARKING THE LOCATION OF THE LATERAL. METHOD SHALL BE APPROVED BY THE CITY.
12. CONTRACTOR TO COORDINATE NEW, RELOCATED AND/OR ABANDONED GAS, ELECTRIC, TELEPHONE, AND CABLE WITH APPROPRIATE UTILITY COMPANIES.
13. UTILITIES SERVING PROPOSED BUILDINGS SHALL BE STUBBED INTO THE PROPOSED BUILDING(S) A MIN. OF 5' AND STAKED.
14. ALL WATER MAIN PIPE AND FITTINGS SHALL BE INSTALLED TO A MIN. DEPTH OF COVER OF 6.5'. AFTER REGRADING, EXISTING WATER MAIN PIPE WHICH DOES NOT MEET THIS REQUIREMENT SHALL BE INSULATED.
15. STORM SEWERS WHICH CROSS AN ACTIVE SEWER OR WATER MAIN OR LATERAL SHALL HAVE A MINIMUM CLEAR VERTICAL CLEARANCE OF THREE (3) FEET. CROSSINGS WITH LESSER VERTICAL CLEARANCE SHALL BE PROTECTED FROM FROST DAMAGE BY PLACEMENT OF 2-INCH THICK POLYSTYRENE BOARD INSULATION.
16. BUILDING PLUMBER SHALL VERIFY SIZE, SLOPE, AND EXACT LOCATION OF PROPOSED SANITARY LATERALS AND WATER SERVICES PRIOR TO INSTALLATION.

PLAN KEY

1	CONNECT TO EXISTING WATER MAIN. COORDINATE INSTALLATION WITH VILLAGE WATER UTILITY	11	SANITARY MANHOLE
2	REMOVE AND SALVAGE EXISTING HYDRANT	12	SANITARY CLEANOUT
3	RELOCATED HYDRANT	13	CONNECT TO SANITARY BLDG SEWER (SEE PLUMBING PLANS)
4	BEND	14	CONNECT TO EXISTING STORM INLET
5	6" WATER VALVE	15	CONNECT TO ROOF DRAIN
6	6"X6"X6" TEE	16	PROPOSED TRANSFORMER LOCATION
7	RELOCATE EXISTING 8"X6" REDUCER	17	EX HYDRANT
8	8" D.I. PRIVATE WATER MAIN	18	EX 8" VALVE
9	6" D.I. PRIVATE WATER MAIN	19	EX 6" VALVE
10	CONNECT TO EXISTING SANITARY SEWER LATERAL	20	EX 8" D.I. WATER MAIN



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818 N Meadowbrook Ln
Waunakee, WI 53597
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KIND & JOYFUL DAYCARE UTILITY PLAN

KEENAN COURT
VERONA, WISCONSIN

C400

STRUCTURE TABLE					
STRUCTURE NAME:	SIZE	TOP OF CASTING	PIPES IN:	PIPES OUT	CASTING:
1.1	3' DIA. CB	974.50	P1.2, 6" INV IN =971.50	P1.1, 12" INV OUT =971.39	HAALA #CG36TM
1.2	BEND	974.00	P1.3, 6" INV IN =971.61	P1.2, 6" INV OUT =971.61	
1.3	CLEAN OUT	974.00		P1.3, 6" INV OUT =972.01	
2.1	RCP A.E.	975.38	P2.1, 15" INV IN =974.25		
2.2	2X3-FT	979.82	P2.2, 15" INV IN =974.90 P3.1, 15" INV IN =975.00 P5.1, 6" INV IN =975.15	P2.1, 15" INV OUT =974.81	NEENAH R-3067
2.3	3' DIA. CB	979.50	P2.3, 6" INV IN =975.61	P2.2, 15" INV OUT =975.36	HAALA #CG36TM
2.4	CLEAN OUT	979.45		P2.3, 6" INV OUT =976.16	
3.1	3' DIA. CB	981.68	P3.2, 12" INV IN =976.80 P6.1, 6" INV IN =977.25	P3.1, 15" INV OUT =976.76	NEENAH R-2050
3.2	2X3-FT	982.21	P3.3, 12" INV IN =977.26	P3.2, 12" INV OUT =977.26	NEENAH R-3067
3.3	2X3-FT	981.66	P3.4, 12" INV IN =978.02	P3.3, 12" INV OUT =978.02	NEENAH R-3067
3.4	2X3-FT	980.88		P3.4, 12" INV OUT =978.42	NEENAH R-3067
3.5	PLUG & MARK	985.67		P3.5, 12" INV OUT =979.63	
4.1	A.E.	975.25	P4.1, 8" INV IN =974.00		
4.2	12" YARD DRAIN	980.99	P4.2, 8" INV IN =976.00 P7.1, 6" INV IN =977.00	P4.1, 8" INV OUT =974.58	12" GRATE
4.3	10" YARD DRAIN	981.60	P4.3, 8" INV IN =976.79	P4.2, 8" INV OUT =976.79	10" GRATE
4.4	10" YARD DRAIN	981.65	P9.1, 6" INV IN =977.75	P4.3, 8" INV OUT =977.45	10" GRATE

STRUCTURE TABLE					
STRUCTURE NAME:	SIZE	TOP OF CASTING	PIPES IN:	PIPES OUT	CASTING:
5.1	CONNECT TO ROOF DRAIN	983.21	P5.2, 6" INV IN =975.50	P5.1, 6" INV OUT =975.46	
5.2	CONNECT TO ROOF DRAIN	983.21	P5.3, 6" INV IN =975.75	P5.2, 6" INV OUT =975.75	
5.3	CONNECT TO ROOF DRAIN	983.24		P5.3, 6" INV OUT =976.01	
6.1	TEE	983.16	P6.2, 6" INV IN =977.55 P6.3, 6" INV IN =977.55	P6.1, 6" INV OUT =977.55	
6.2	CONNECT TO ROOF DRAIN	983.19		P6.2, 6" INV OUT =977.67	
6.3	CONNECT TO ROOF DRAIN	983.17	P6.4, 6" INV IN =977.68	P6.3, 6" INV OUT =977.68	
6.4	CONNECT TO ROOF DRAIN	983.22		P6.4, 6" INV OUT =977.95	
7.1	CONNECT TO ROOF DRAIN	982.95	P7.2, 6" INV IN =978.00	P7.1, 6" INV OUT =978.00	
7.2	CONNECT TO ROOF DRAIN	983.25	P7.3, 6" INV IN =978.83	P7.2, 6" INV OUT =978.83	
7.3	CONNECT TO ROOF DRAIN	983.25		P7.3, 6" INV OUT =979.52	
8.1	8" YARD DRAIN	977.47	P8.2, 8" INV IN =973.04	EX P8.1, 8" INV OUT =973.04	8" GRATE
8.2	8" YARD DRAIN	977.50	P8.3, 6" INV IN =973.60 P8.5, 6" INV IN =973.60	P8.2, 8" INV OUT =973.40	8" GRATE
8.3	45° BEND	978.17	P8.4, 6" INV IN =974.05	P8.3, 6" INV OUT =974.05	
8.4	CONNECT TO ROOF DRAIN	978.48	P12.1, 6" INV IN =974.22	P8.4, 6" INV OUT =974.22	
8.5	CONNECT TO ROOF DRAIN	978.48		P8.5, 6" INV OUT =973.73	
9.1	CONNECT TO ROOF DRAIN	983.20	P9.2, 6" INV IN =978.35	P9.1, 6" INV OUT =978.35	

STRUCTURE TABLE					
STRUCTURE NAME:	SIZE	TOP OF CASTING	PIPES IN:	PIPES OUT	CASTING:
9.2	CONNECT TO ROOF DRAIN	983.25	P9.3, 6" INV IN =978.84	P9.2, 6" INV OUT =978.84	
9.3	CONNECT TO ROOF DRAIN	983.25		P9.3, 6" INV OUT =979.37	
10.1	RCP A.E.	980.52	P10.1, 15" INV IN =979.00		
10.2	2X3-FT	982.89	P10.2, 15" INV IN =979.10 P3.5, 12" INV IN =979.25	P10.1, 15" INV OUT =979.04	NEENAH R-3067
10.3	2X3-FT	983.73		P10.2, 15" INV OUT =980.13	NEENAH R-3067
12.1	TEE	978.09	P12.2, 6" INV IN =974.32	P12.1, 6" INV OUT =974.32	
12.2	8" YARD DRAIN	977.75	P12.3, 6" INV IN =974.54	P12.2, 6" INV OUT =974.54	8" GRATE
12.3	8" YARD DRAIN	977.70		P12.3, 6" INV OUT =974.72	8" GRATE
EX 2.3	EXISTING INLET	977.28	EX P2.3, 12" INV IN =970.78 EX P4.1, 6" INV IN =972.00		
EX 2.4	EXISTING INLET	974.40	EX P2.4, 12" INV IN =971.16	EX P2.3, 12" INV OUT =971.16	
EX 2.5	EXISTING INLET	974.39	P1.1, 12" INV IN =971.30	EX P2.4, 12" INV OUT =971.30	
EX 3.2	EXISTING INLET	977.93	EX P8.1, 8" INV IN =972.62 EX P3.3, 6" INV IN =972.60		
EX 3.3	EXISTING INLET	978.43		EX P3.3, 6" INV OUT =972.71	
EX 4.1	EXISTING INLET	978.48		EX P4.1, 6" INV OUT =972.41	

PIPE TABLE						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	START INVERT ELEVATION	END INVERT ELEVATION
EX P2.3	12"	85'	0.45%	ADS N-12	971.16'	970.78'
EX P2.4	12"	31'	0.45%	ADS N-12	971.30'	971.16'
EX P3.3	6"	13'	0.91%	ADS N-12	972.71'	972.60'
EX P4.1	6"	15'	2.76%	ADS N-12	972.41'	972.00'
EX P8.1	8"	70'	0.60%	ADS N-12	973.04'	972.62'
P1.1	12"	16'	0.60%	ADS N-12	971.39'	971.30'
P1.2	6"	12'	1.00%	ADS N-12	971.61'	971.50'
P1.3	6"	40'	1.00%	ADS N-12	972.01'	971.61'
P2.1	15"	94'	0.60%	ADS N-12	974.81'	974.25'
P2.2	15"	41'	1.14%	ADS N-12	975.36'	974.90'
P2.3	6"	55'	1.02%	ADS N-12	976.16'	975.61'
P3.1	15"	127'	1.39%	ADS N-12	976.76'	975.00'
P3.2	12"	46'	1.00%	ADS N-12	977.26'	976.80'
P3.3	12"	76'	1.01%	ADS N-12	978.02'	977.26'
P3.4	12"	80'	0.50%	ADS N-12	978.42'	978.02'
P3.5	12"	76'	0.50%	ADS N-12	979.63'	979.25'
P4.1	8"	20'	3.00%	ADS N-12	974.58'	974.00'
P4.2	8"	80'	1.00%	ADS N-12	976.79'	976.00'
P4.3	8"	66'	1.00%	ADS N-12	977.45'	976.79'
P5.1	6"	31'	1.00%	ADS N-12	975.46'	975.15'

PIPE TABLE						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	START INVERT ELEVATION	END INVERT ELEVATION
P5.2	6"	25'	1.00%	ADS N-12	975.75'	975.50'
P5.3	6"	27'	1.00%	ADS N-12	976.01'	975.75'
P6.1	6"	30'	1.00%	ADS N-12	977.55'	977.25'
P6.2	6"	12'	1.00%	ADS N-12	977.67'	977.55'
P6.3	6"	13'	1.00%	ADS N-12	977.68'	977.55'
P6.4	6"	27'	1.00%	ADS N-12	977.95'	977.68'
P7.1	6"	34'	3.00%	ADS N-12	978.00'	977.00'
P7.2	6"	28'	3.00%	ADS N-12	978.83'	978.00'
P7.3	6"	23'	3.00%	ADS N-12	979.52'	978.83'
P8.2	8"	60'	0.61%	ADS N-12	973.40'	973.04'
P8.3	6"	45'	1.00%	ADS N-12	974.05'	973.60'
P8.4	6"	18'	1.00%	ADS N-12	974.22'	974.05'
P8.5	6"	14'	0.96%	ADS N-12	973.73'	973.60'
P9.1	6"	31'	2.00%	ADS N-12	978.35'	977.75'
P9.2	6"	25'	2.00%	ADS N-12	978.84'	978.35'
P9.3	6"	27'	2.00%	ADS N-12	979.37'	978.84'
P10.1	15"	9'	0.50%	ADS N-12	979.04'	979.00'
P10.2	15"	207'	0.50%	ADS N-12	980.13'	979.10'
P12.1	6"	11'	1.00%	ADS N-12	974.32'	974.22'
P12.2	6"	22'	1.00%	ADS N-12	974.54'	974.32'

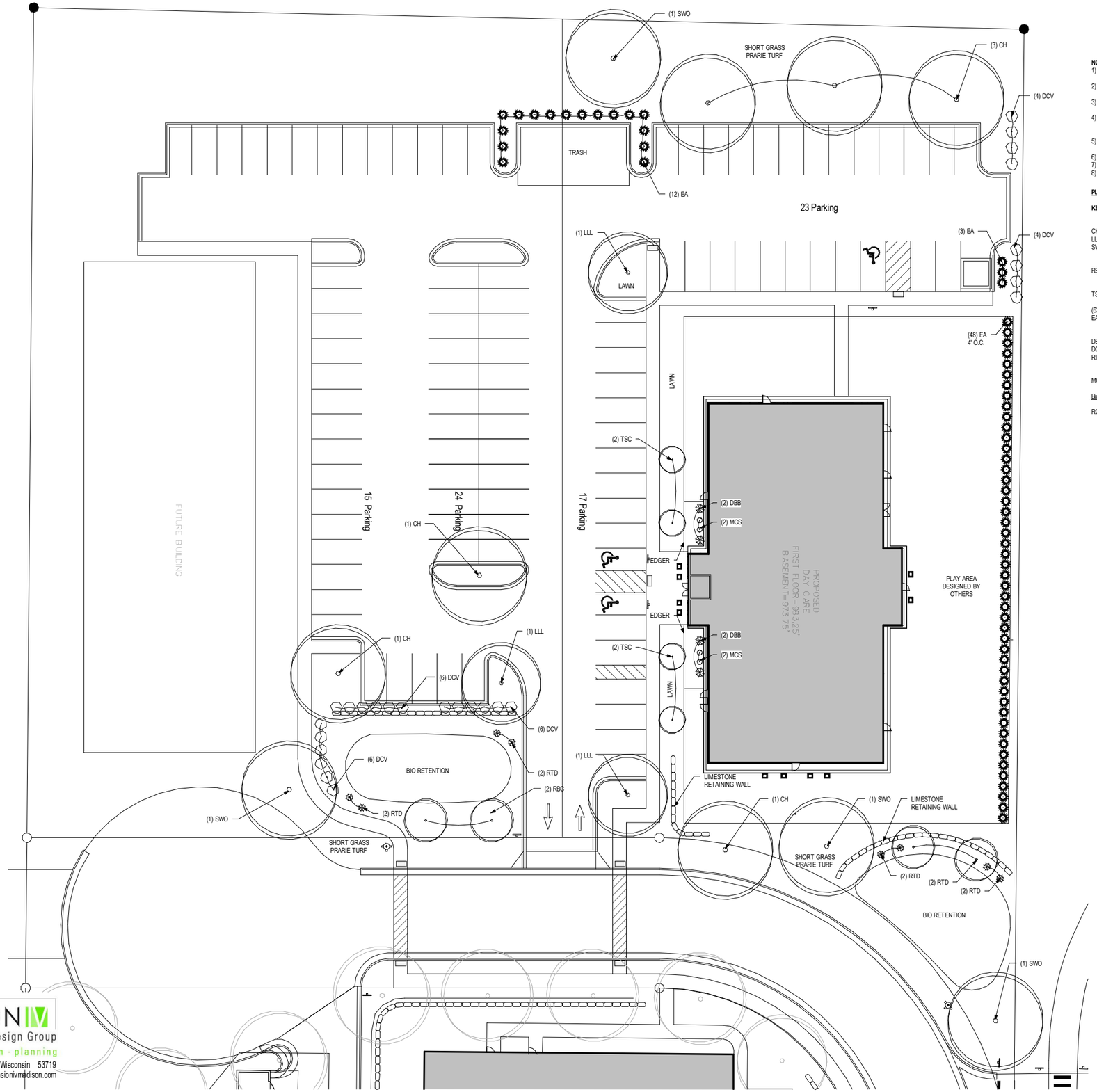
ISSUANCE/REVISION	DATE
SITE PLAN REVIEW	04-07-16

PROFESSIONAL ENGINEERING LLC
818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
fax (608) 237-2129

KIND & JOYFUL DAYCARE
STORM SEWER SCHEDULE

KEENAN COURT
VERONA, WISCONSIN

C401



NOTES:

1) Lawn areas around building and parking lot to be fine graded, seeded (Madison Parks seed mix), fertilized, and mulched with straw.
2) Designated turf areas to be fine graded seeded (Short Grass Prairie seed mix), fertilized, and mulched with straw.
3) Planting beds to be mulched with #1 washed stone to a depth of 3" over weed barrier fabric.
4) Individual trees and shrub groupings in lawn areas to receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3"
5) Designated planting beds to be separated from lawn areas with 5" black vinyl edge.
6) Rain garden to receive cocoa fiber erosion mat.
7) Rain garden plants (RGP) to be installed 12" on center.
8) Rain garden to be constructed per WDNR specifications.

PLANT LIST

KEY	QUAN	SIZE	COMMON NAME	ROOT
	(9)		Canopy Deciduous Trees	
CH	4	2 ½"	Common Hackberry	BB
LLL	2	2 ½"	Little Leaf Linden	BB
SWO	3	2 ½"	Swamp White Oak	BB
	(2)		Tall Deciduous Trees	
RBC	2	10'	River Birch Clump	BB
	(4)		Low Deciduous Trees	
TSC	4	2"	Tina Sergeant Crab	BB
(63)			Tall Evergreen Shrubs	
EA	67	4'	Emerald Arborvitae	BB
	(10)		Medium Deciduous Shrubs	
DBB	4	24"	Dwarf Burning Bush	Pot
DCV	8	24	Dwarf Cranberrybush Viburnum	Pot
RTD	4	24"	Bailey's Red Twig Dogwood	Pot
	(6)		Low Deciduous Shrubs	
MCS	6	18"	Gold Flame Spirea	Pot
Bio-retention Plantings				
RGP	?	12 ½"	(Planted 12' on center)	plug
			Common Blue Star	
			Bottle Gentine	
			Obedient Plant	
			Columbine	
			Switchgrass	
			Foxsedge	
			Black Eyed Susan	
			Wild Iris	
			Swamp Mildweed	
			White Turtlehead	
			Cardinal Flower	
			Turk's Cap Lily	
			Little Bluestem	
			Canada Wild Rye	
			Nodding Onion	

LANDSCAPE WORKSHEET

Zoning District: SC (Suburban Commercial)

Building Area = 9,400 SF
Building Area Points required: 10/1,000 SF = **94 points**

Building Perimeter = 426 LF
Building Perimeter Points required: 40/100 LF = **170 points**

Impervious Area = 17,525SF
Impervious Area Points required: 80/10,000 SF = **140 points**

Lot Street Frontage = 191 LF
Lot Street Frontage Points required 40/100 LF = **76 points**

Total Landscape Points Required **480 points**

Landscape Points Supplied

Canopy trees - 9 @ 70 =	630 points
Tall trees - 2 @ 30 =	60 points
Medium trees - 0 @ 15 =	0 points
Low trees - 4 @10 =	40 points
Tall evergreen trees - 0 @ 40 =	0 points
Medium evergreen trees - 0 @ 20 =	0 points
Low evergreen trees - 0 @ 12 =	0 points
Tall evergreen shrubs – 67 @ 3 =	201 points
Low evergreen shrubs – 0 @ 3 =	0 points
Tall deciduous shrubs - 0 @ 5 =	0 points
Medium deciduous shrubs - 10 @ 3 =	10 points
Low deciduous shrubs - 6 @ 1 =	6 points
Total landscape points supplied	**947 points**

1 **FLOOR PLAN**
1" = 20'-0"

0' 5' 10' 20' NORTH

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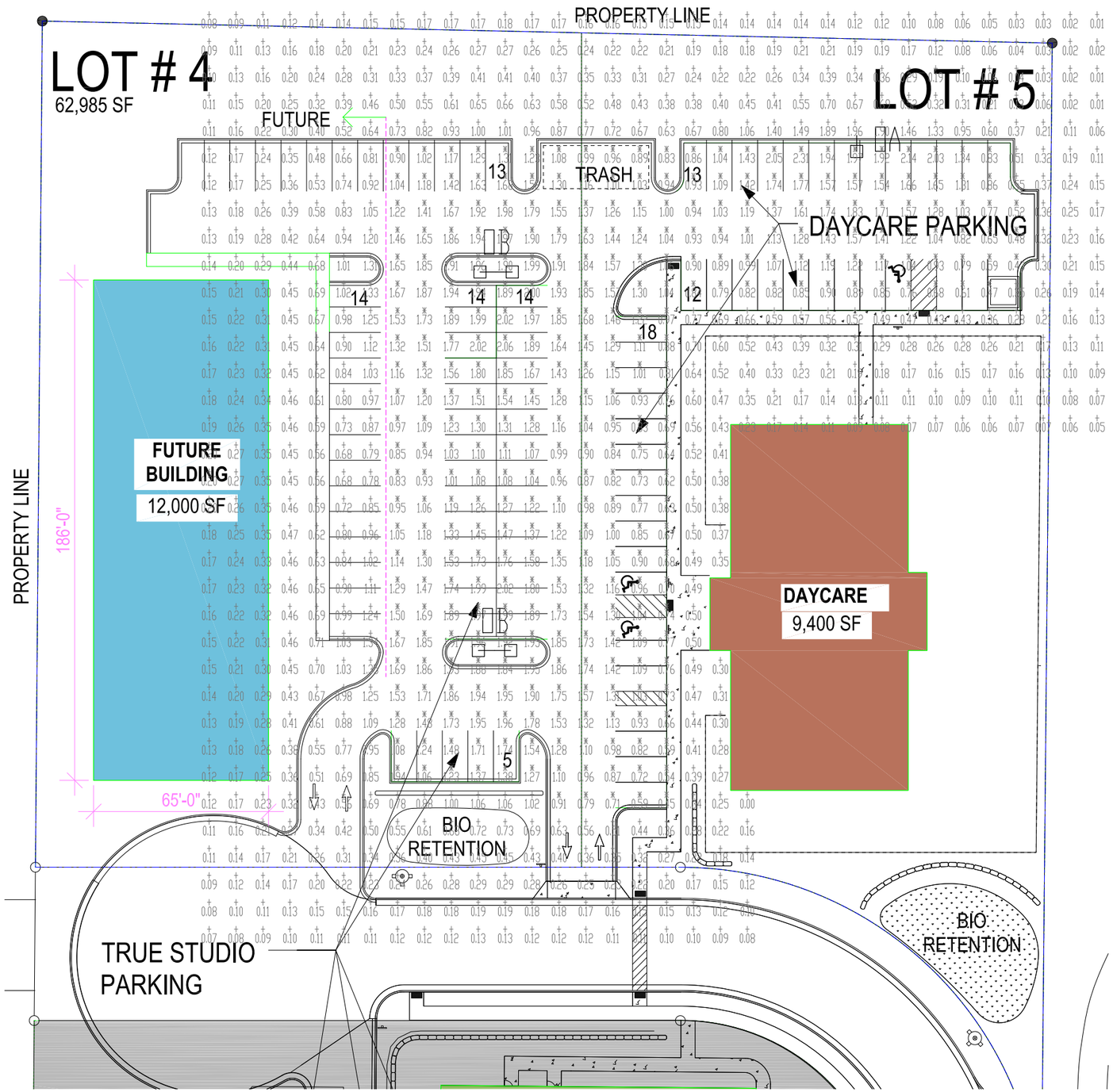
Kind & Joyful Daycare

Verona, WI

Landscape Plan

16036



CALCULATION SUMMARY						
GRID HEIGHT	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
At Grade	<+> MISC	0.36	1.96	0.00	N/A	N/A
	<*> PARKING	1.31	2.31	0.43	5.41	3.08

Kind & Joyful Daycare LUMINAIRE SCHEDULE						
TYPE	DESCRIPTION	LAMP	LUMENS	MOUNTING	LLF	QTY
DA	Lumark Prevail (1) PRV-A40-D-UNV-T4-SA-BZ	143w LED	15483	25' POLE 2' BASE	0.95	1
DB	Lumark Prevail (2) PRV-A40-D-UNV-T5-SA-BZ	(2) 143w LED	15692	25' POLE 2' BASE	0.95	2

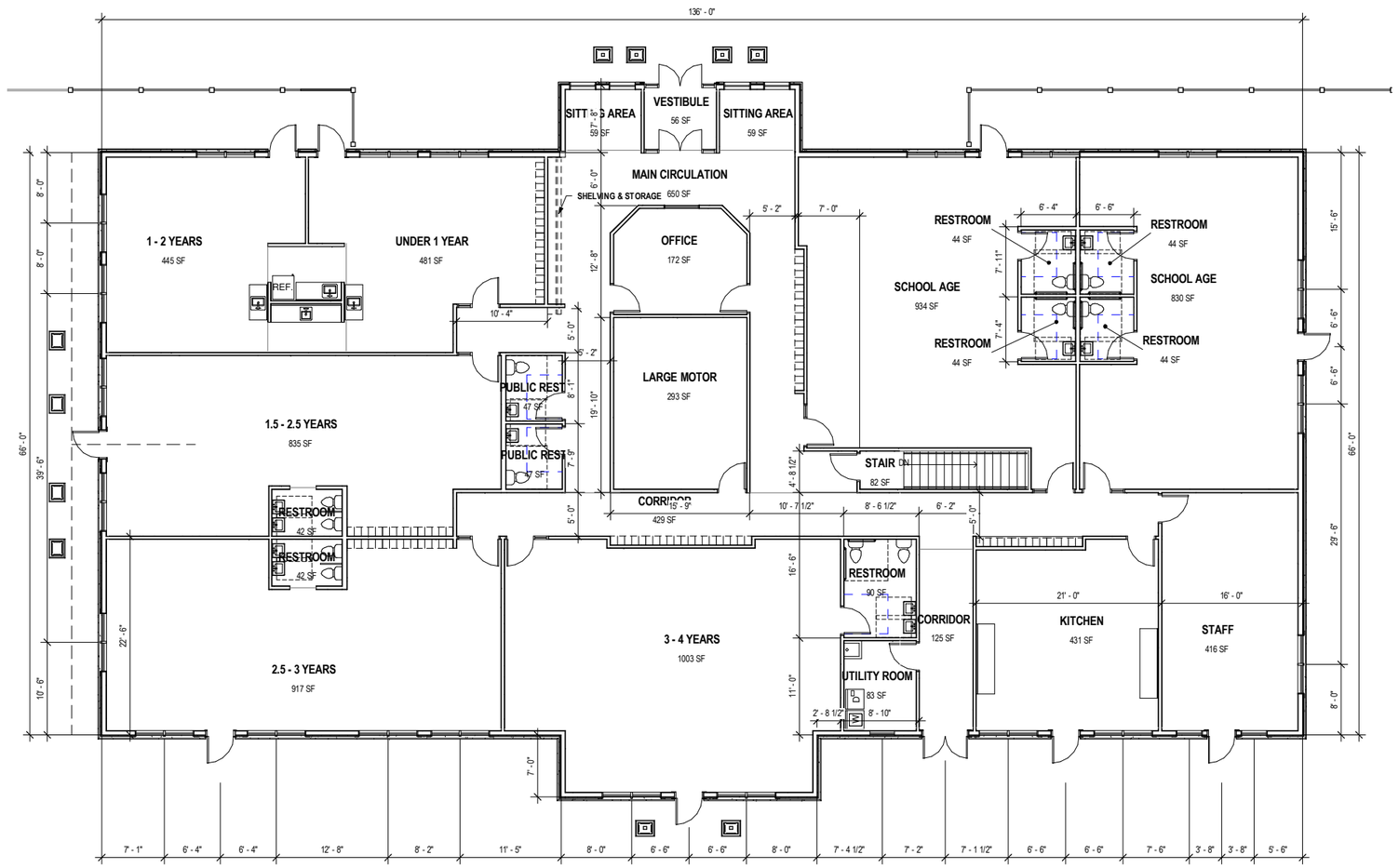
1 LED SITE CALCULATIONS
NTS

N

REVISIONS

SCHULTZ ELECTRIC
8491 MURPHY DR.
MIDDLETON, WI 53562
(608)836-7072
WWW.PIEPERPOWER.COM

ES
SITE LED CALCULATIONS
PROJECT: KIND & JOYFUL DAYCARE
JOB #
PM: CAD: AM



A1.0

1 **FLOOR PLAN**
1/8" = 1'-0"

0' 2' 4' 8'

NORTH

Kind & Joyful Daycare

Verona, WI

Ground Floor
20 April 2016
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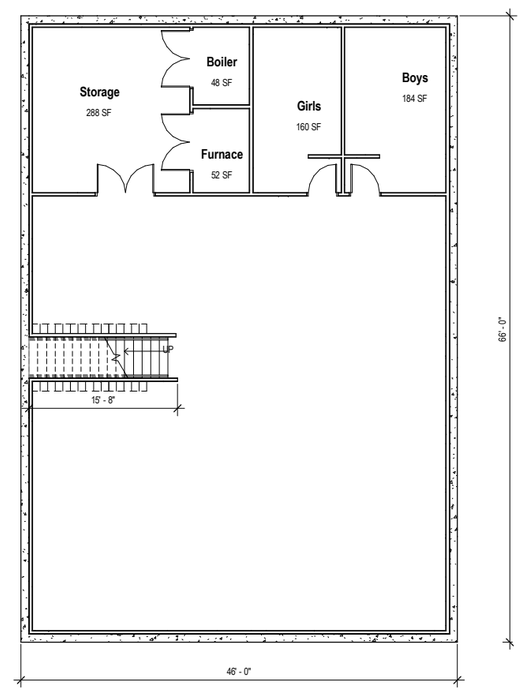

1 **00-BASEMENT**
1/8" = 1'-0"

A1.1

0' 2' 4' 8'

NORTH

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Verona, WI

Basement Plan
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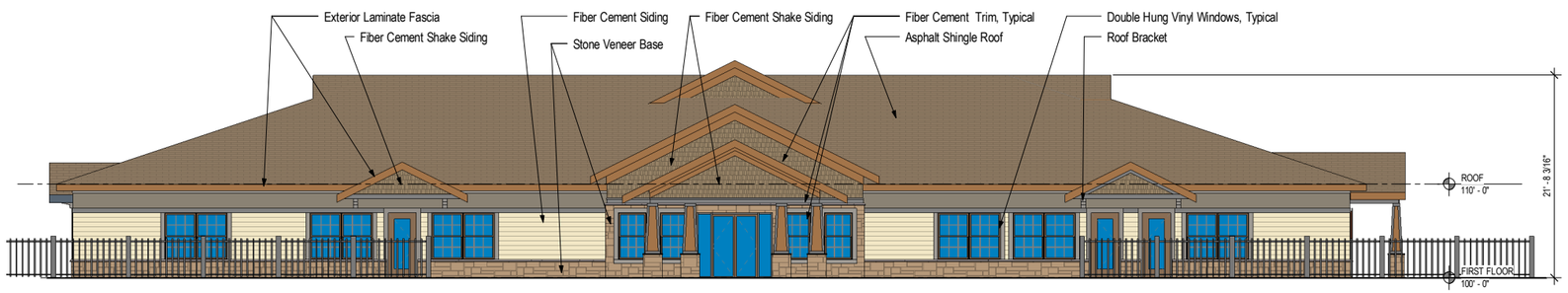
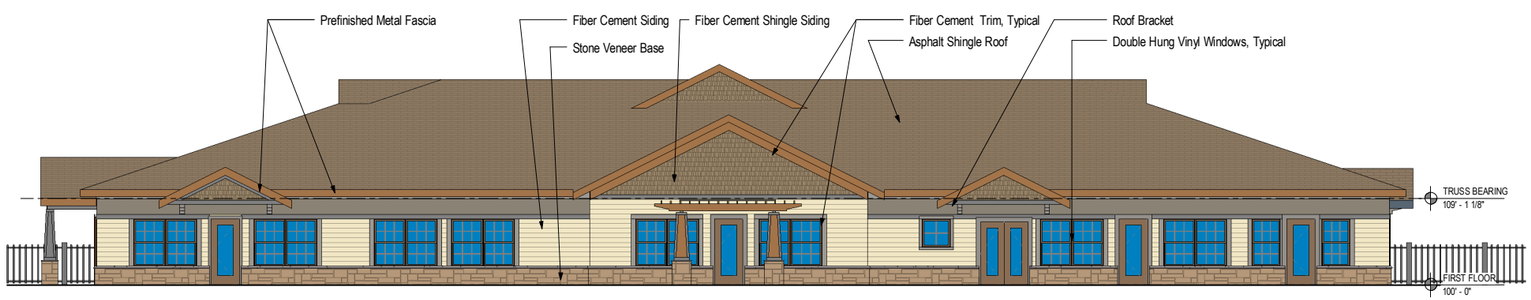
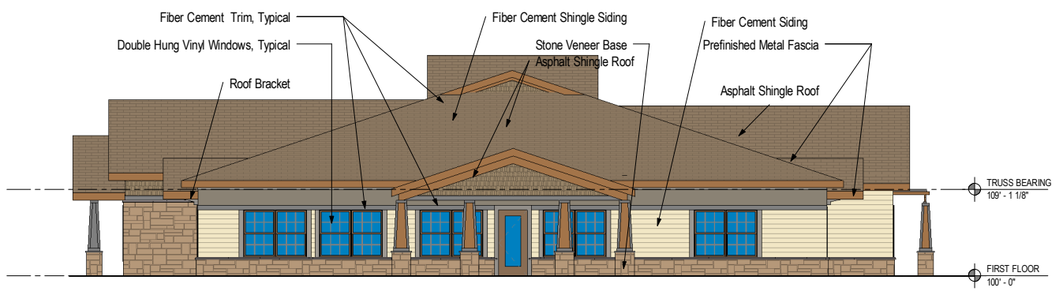


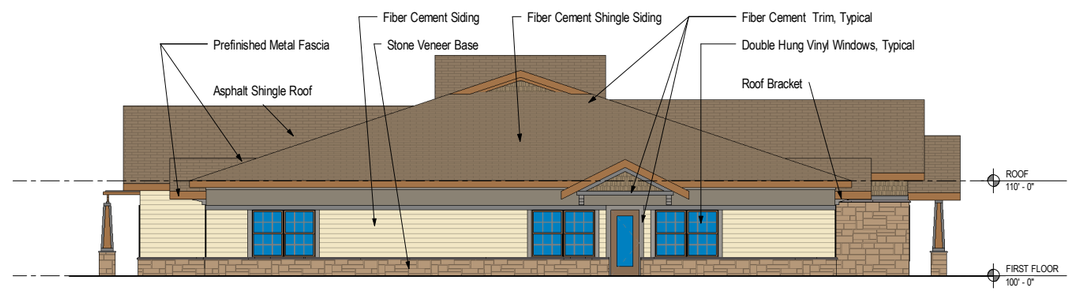
4 **WEST ELEVATION**
1/8" = 1'-0"



2 **EAST ELEVATION**
1/8" = 1'-0"



3 **SOUTH ELEVATION**
1/8" = 1'-0"



1 **NORTH ELEVATION**
1/8" = 1'-0"

0' 2' 4' 8'

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Verona, WI

EXTERIOR ELEVATIONS

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1 **Perspective View**
1/4" = 1'-0"

A3.0

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Verona, WI

Perspective View
20 April 2016
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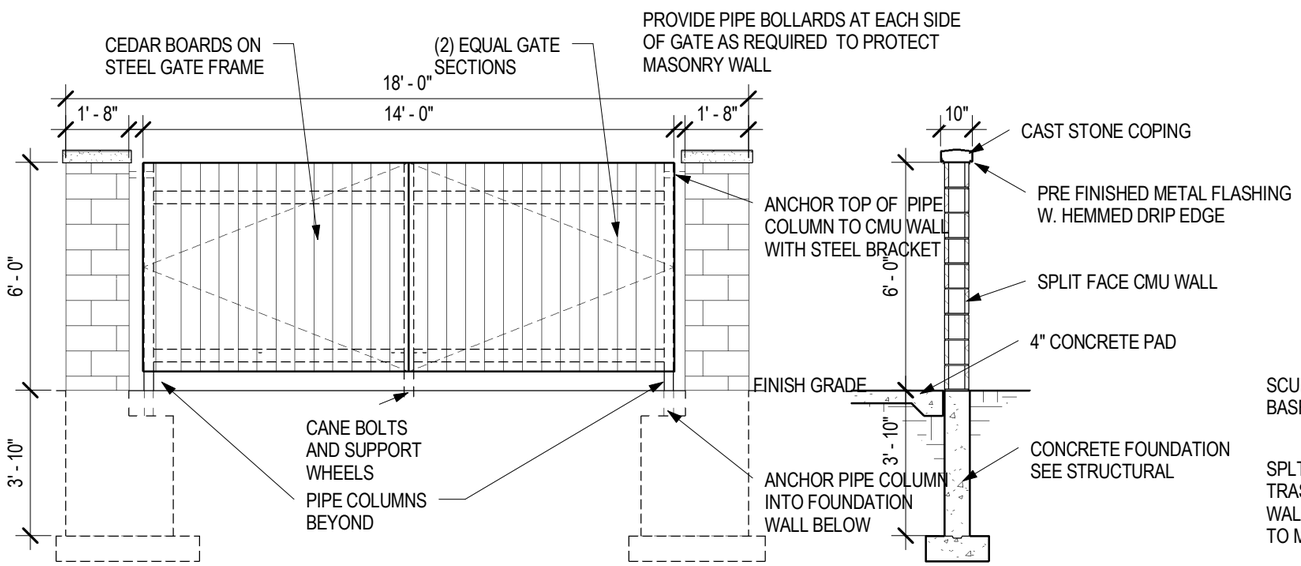

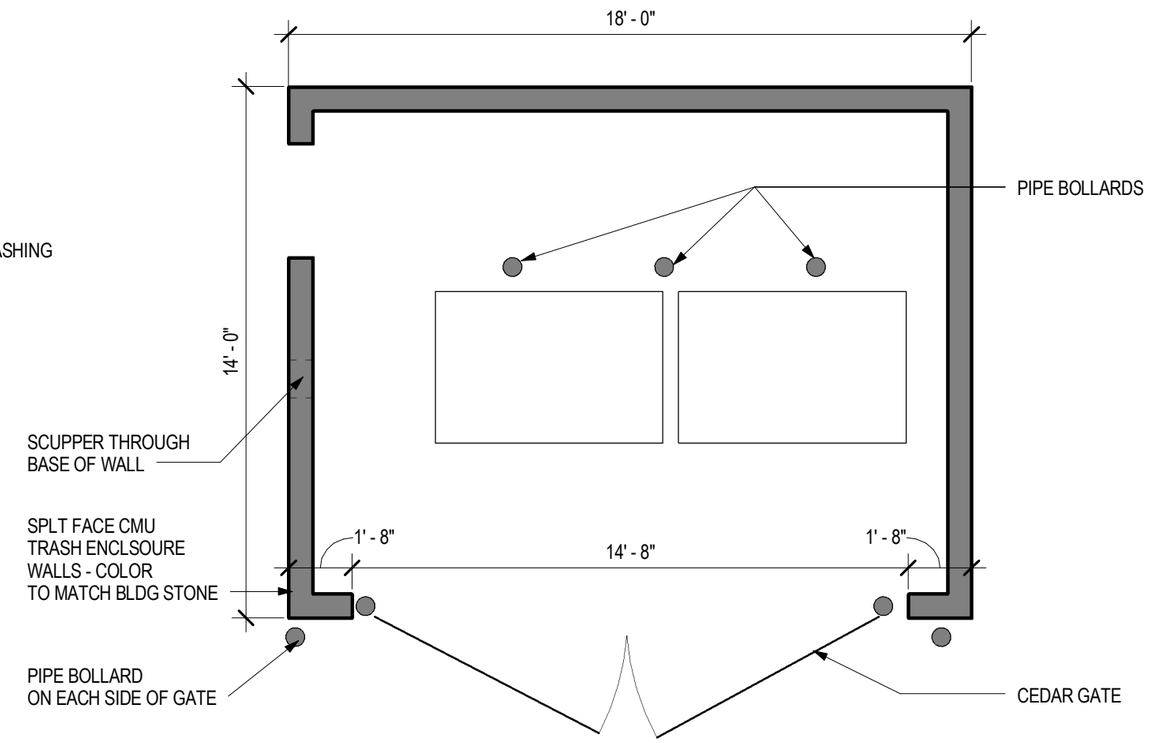

1 TRASH ENCLOSURE

1/4" = 1'-0"

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Verona, WI

Trash Enclosure

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