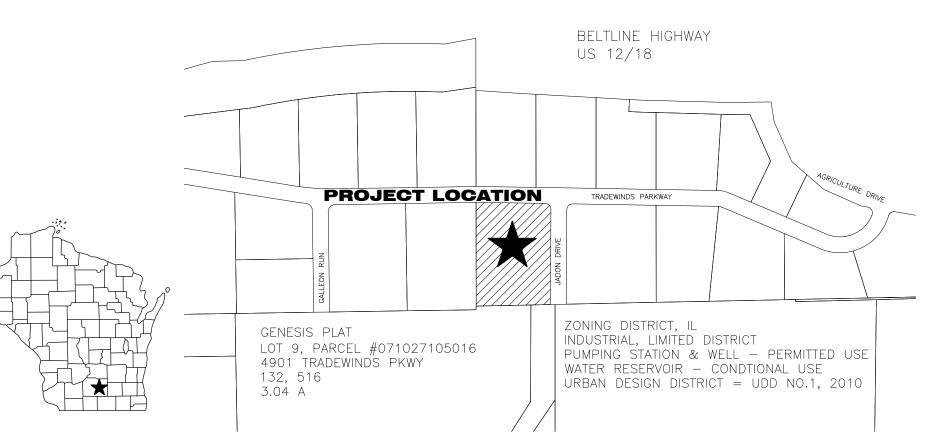
LAND USE / ZONING APPROVAL DRAWINGS FOR UNIT WELL 31 & WATER TREATMENT PLANT MADISON WATER UTILITY CITY OF MADISON, WISCONSIN



SHEET 1.....G1 - TITLE SHEET SHEET 2.....URBAN DESIGN DISTRICT NO. 1 OVERVIEW SHEET 3.....URBAN DESIGN DISTRICT NO. 1 SHEET 4.....MARSH ROAD NEIGHBORHOOD DEVELOPMENT PLAN SHEET 5.....PROJECT LOCATION IN EXISTING WATER SYSTEM SHEET 6.....PROJECT SITE SHEET 7.....SURFACE WATER DATA VIEWER MAP SHEET 8-10.....GENESIS PLAT MAP SHEET 11.....G2 - UNIT WELL 31 SITE PLAN SHEET 12.....C2 - UNIT WELL 31 GRADING PLAN SHEET 13.....C1 - UNIT WELL 31 UTILITY PLAN SHEET 14.....SL - SITE LIGHTING PHOTOMETRIC PLAN SHEET 15.....L1 - LANDSCAPE PLAN SHEET 16.....L2 - LANDSCAPE DETAILS SHEET 17.....A01 - FLOOR PLANS SHEET 18.....A02 - BUILDING ELEVATIONS SHEET 19.....A03 - BUILDING ELEVATIONS SHEET 20.....A04 - TANK ELEVATIONS, SECTIONS & DETAILS SHEET 21.....A05 - BUILDING PERSPECTIVE SHEET 22.....A06 - BUILDING PERSPECTIVE

恐

$\label{eq:madison-water-weil} \textbf{Madison Water Utility} - \textbf{Well 31 4901 Tradewinds Parkway} \\ \textbf{Existing site context photos}$



Hotel Building - looking east



Bauer & Raether building



Project site - viewed from northwest



Hotel building - looking west



Tradewinds Parkway - looking northeast



Project site - viewed from northeast

Madison Water Utility – Well 31 4901 Tradewinds Parkway Existing site context photos



Project site - view looking south

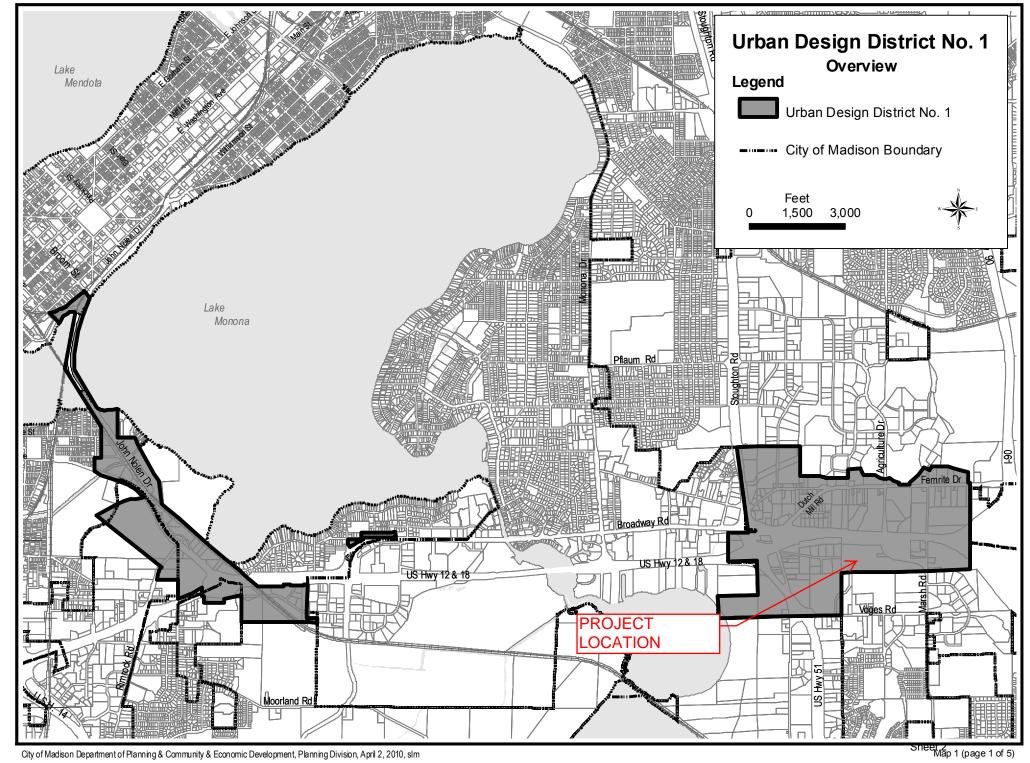


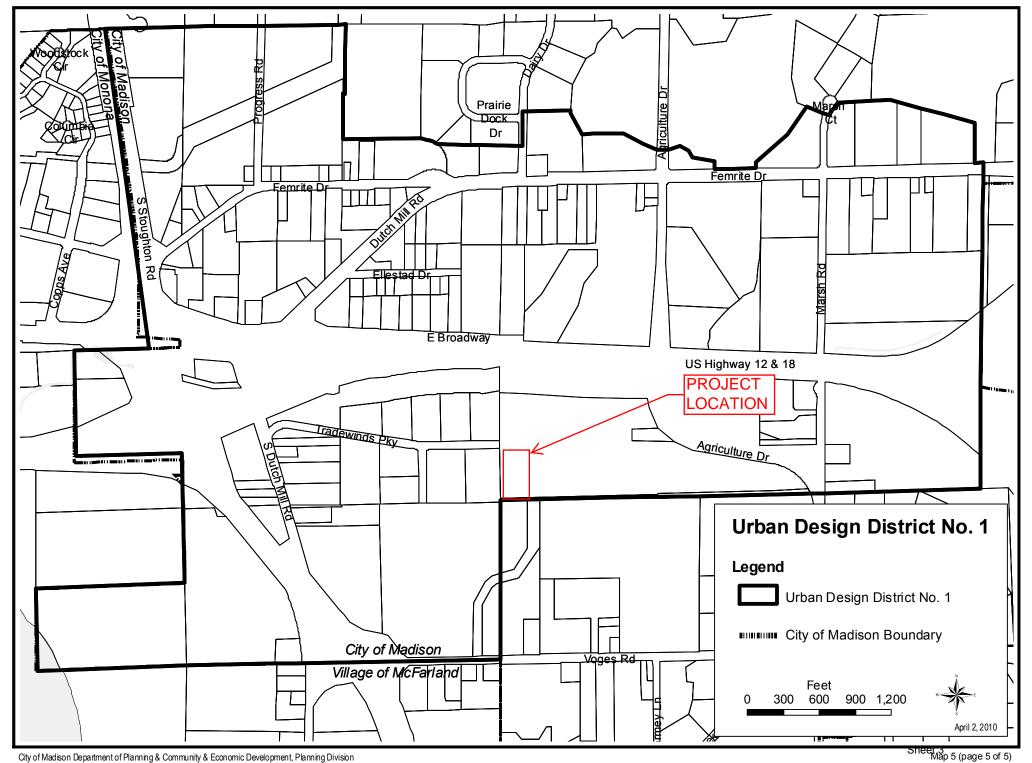


Project site - view from SW corner



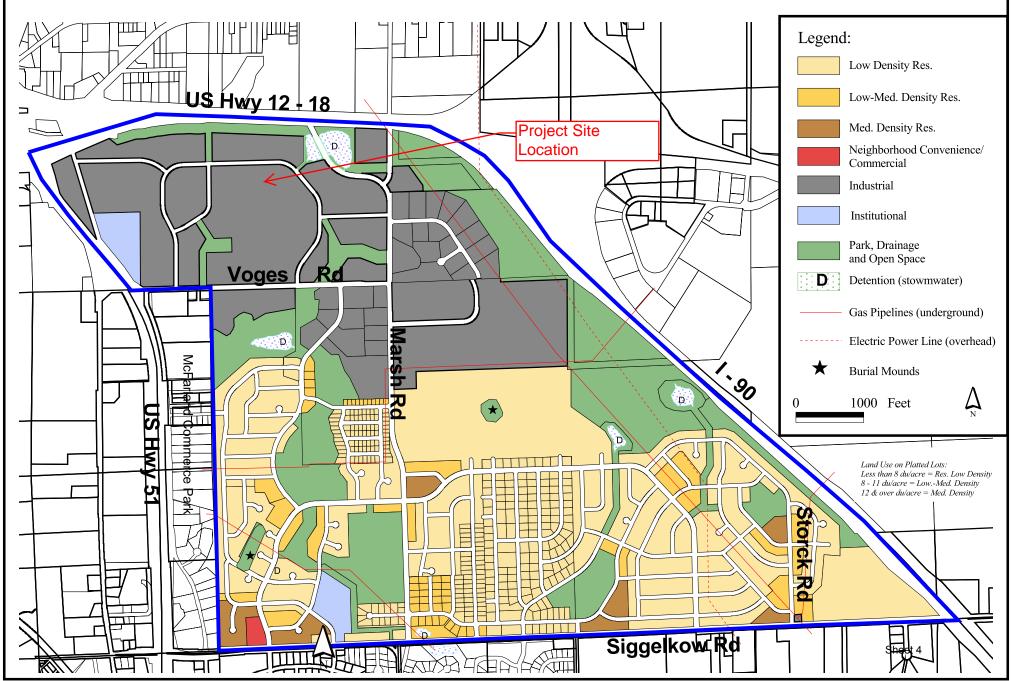
Project site - drainage swale

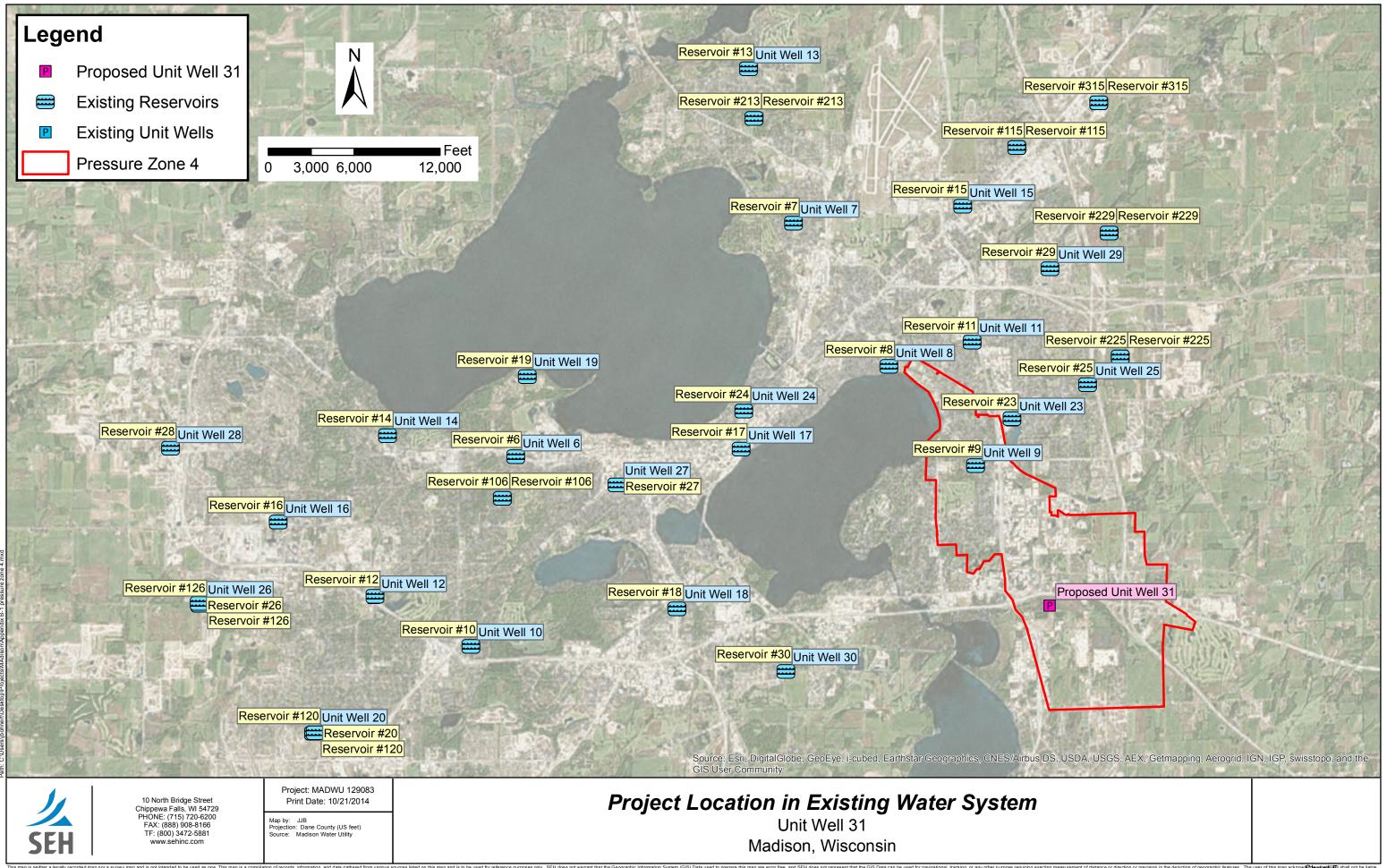




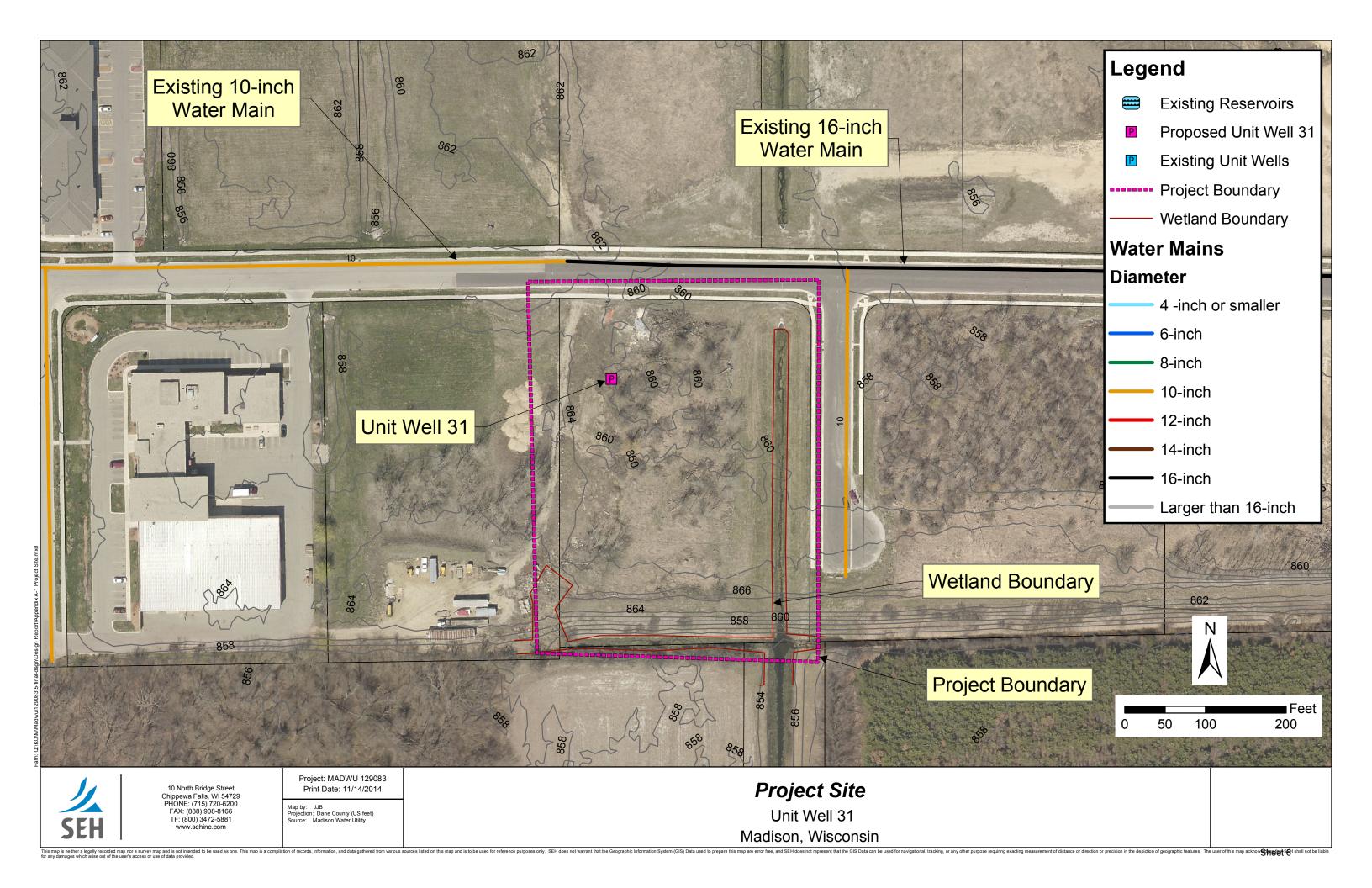
Marsh Road Neighborhood Development Plan

As Adopted October 1999 and implemented through subdivision and zoning approvals.





map is nether the GIS Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknow Sheet (GIS) Data used to prepare this map and is to be used so not represent that the Geographic features is required to prevent the the GIS Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknow Sheet (GIS) Data used to prepare this map a return of the purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknow Sheet (GIS) Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknow Sheet (GIS) Data can be used for reference purposes ently a control or precision in the depiction of geographic features. The user of this map acknow Sheet (GIS) Data can be used for reference purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknow Sheet (GIS) Data can be used for reference purposes requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknow Sheet (GIS) Data can be used for reversing the user of the





NAD_1983_HARN_Wisconsin_TM © Latitude Geographics Group Ltd.

Surface Water Data Viewer Map



Legend

- 1% Annual Chance Flood Haza
- ... 0.2% Annual Chance Flood Ha
- Cross Sections
 - Floodway
- Base Flood Elevations
- FIRM Panel Index
 - Rivers and Streams
- Open Water
- 2008 Air Photos (NAIP)

Flood Plain = 858'

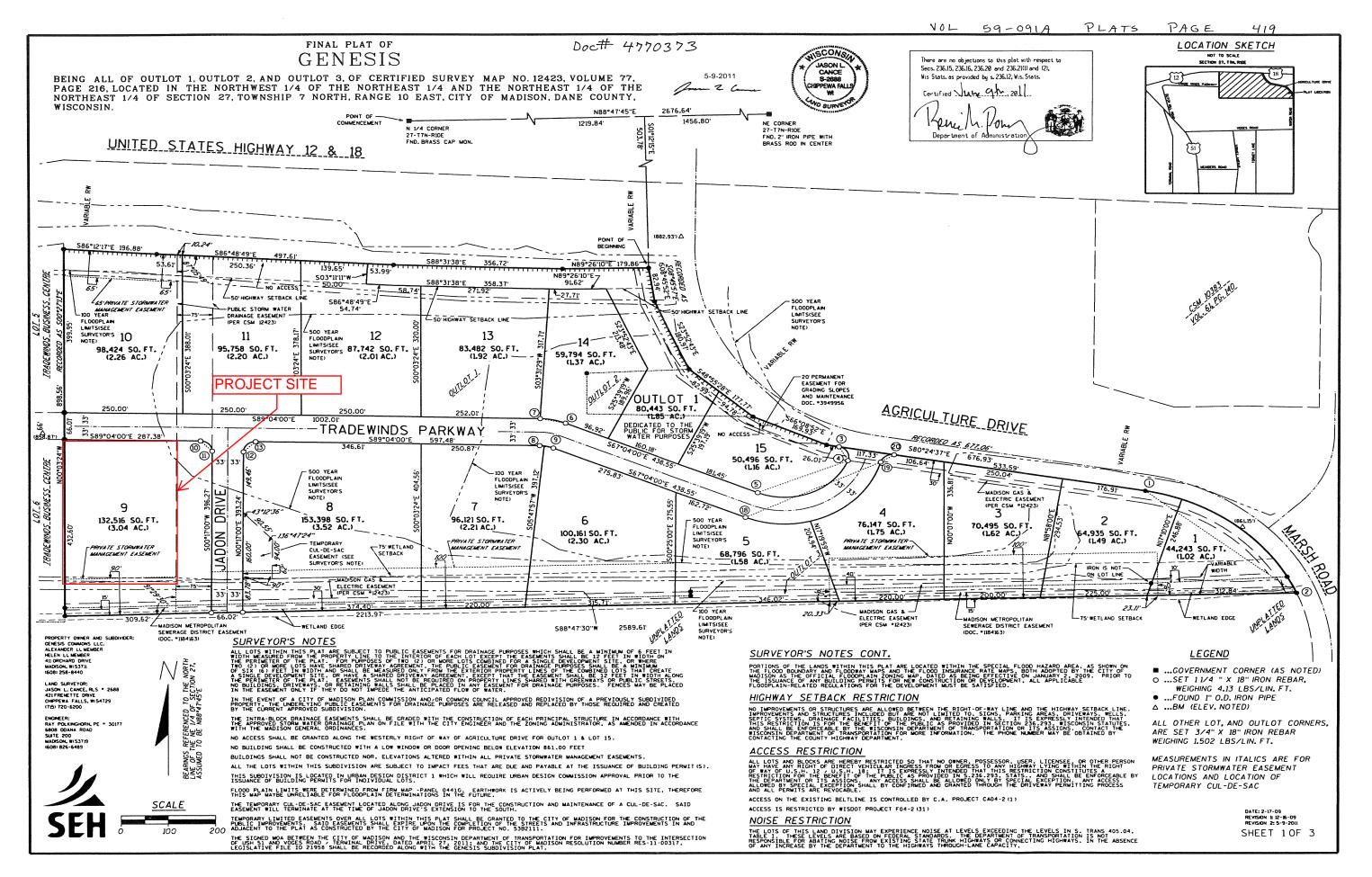
Notes

ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completemenss, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: http://dnr.wi.gov/org/legal/

Proposed Well No. 31

Appendix A-Z

Sheet 7



FINAL PLAT OF GENESIS

BEING ALL OF OUTLOT 1, OUTLOT 2, AND OUTLOT 3, OF CERTIFIED SURVEY MAP NO. 12423, VOLUME 77. PAGE 216, LOCATED IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 27, TOWNSHIP 7 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY,

SURVEYOR'S CERTIFICATE

I, JASON L. CANCE, REGISTERED WISCONSIN LAND SURVEYOR, HEREBY CERTIFY:
THAT I HAVE SURVEYED, DIVIDED, AND MAPPED THE PLAT OF GENESIS, BEING ALL OF OUTLOT 1, OUTLOT 2, OUTLOT 3 OF CERTIFIED SURVEY MAP NO. 12423,
VOLUME 77, PAGE 216, LOCATED IN THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 27, TOWNSHIP 7 NORTH, RANGE 10 EAST, CITY OF MADISON, COUNTY OF DANE, WISCONSIN.

THAT I HAVE MADE SUCH A SURVEY AT THE DIRECTION OF ALEXANDER LI, MEMBER, GENESIS COMMONS, LLC, OWNER, OF SAID LANDS CONTAINING 34.67 ACRES AND BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH 1/4 CORNER OF SAID SECTION 27; THENCE N88°47'45"E 1219.84 FEET ALONG THE NORTH LINE OF THE NORTHEAST 1/4 OF SAID SECTION 27; THENCE 503'12'15"E 503.78 FEET TO THE INTERSECTION OF THE SOUTH RIGHT OF WAY LINE OF USH 12/18 AND THE WESTERLY RIGHT OF WAY LINE OF ACRICULTURE DRIVE BEING THE POINT OF BEGINNING; THENCE SO8°45'52"E 82.94 FEET ALONG SAID WESTERLY RIGHT OF WAY; THENCE 523°52'43"E 180.97 FEET ALONG SAID WESTERLY RIGHT OF WAY; THENCE 566'08'52"E 169.93 FEET ALONG SAID WESTERLY RIGHT OF WAY; THENCE 566'08'52"E 169.93 FEET ALONG SAID WESTERLY RIGHT OF WAY; THENCE 566'08'52"E 169.93 FEET ALONG SAID WESTERLY RIGHT OF WAY; THENCE SOB°24'37"E 676.93 FEET ALONG SAID WESTERLY RIGHT OF WAY; THENCE SOB°24'37"E 676.93 FEET ALONG SAID WESTERLY RIGHT OF WAY; THENCE SOB'08'24'37"E 676.93 FEET ALONG SAID SOUTHERLY RIGHT OF WAY; THENCE ONTINUING ALONG SAID WESTERLY RIGHT OF WAY BEING THE NORTHEAST 1/4 OF SAID SECTION 27; THENCE SOB'03'24"W 898.56 FEET ALONG SAID WESTERLY RIGHT OF WAY OF USH 12/18; THENCE SB6'21'IT"E ALONG SAID SOUTHERLY RIGHT OF WAY OF USH 12/18; THENCE SB6'21'IT"E ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT OF WAY SB6'48'49'E 497.61'FEET; THENCE CONT THAT IHAVE MADE SUCH A SURVEY AT THE DIRECTION OF ALEXANDER LI, MEMBER, GENESIS COMMONS, LLC, OWNER, OF SAID LANDS CONTAINING 34.67

THAT SUCH PLAT IS A CORRECT REPRESENTATION OF ALL OF THE EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND THE SUBDIVISION THEREOF MADE AND THAT I HAVE FULLY COMPLIED WITH THE PROVISIONS OF CHAPTER 236 OF THE WISCONSIN STATE STATUTES, THE SUBDIVISION REGULATIONS OF THE COUNTY OF DANE, AND THE SUBDIVISION REGULATIONS OF THE CITY OF MADISON, IN SURVEYING, DIVIDING, AND MAPPING THE SAME.

JASON L. CANCE, R.L.S. 2688

DATED THIS 9TH DAY OF MAY, 2011



OWNER'S CERTIFICATE OF DEDICATION

GENESIS COMMONS, LLC, A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF WISCONSIN, AS OWNER DOES HERBY CERTIFIY THAT SAID CORPORATION CAUSED THE LAND DESCRIBED ON THIS PLAT TO BE SURVEYED, DIVIDED, MAPPED, AND DEDICATED AS REPRESENTED ON THIS PLAT.

GENESIS COMMONS, LLC, DOES FURTHER CERTIFY THAT THIS PLAT IS REQUIRED BY \$236.10 PR \$236.12 TO BE SUBMITTED TO THE FOLLOWING FOR

WISCONSIN DEPARTMENT OF ADMINISTRATION COMMON COUNCIL OF THE CITY OF MADISON DANE COUNTY ZONING AND NATURAL RESOURCES COMMITTEE WISCONSIN DEPARTMENT OF TRANSPORTATION

IN WITNESS WHEREOF, THE SAID GENESIS COMMONS, LLC, HAS CAUSED THESE PRESENTS TO BE SIGNED BY ALEXANDER LI, MEMBER AND COUNTERSIGNED BY HELEN LI, MEMBER AT Madison, WISCONSIN, AND IT CORPORATE SEAL HEREUNTO AFFIXED ON THIS 10 KD DAY OF June 2011.

IN THE PRESENCE OF.

Commons

STATE OF WISCONSIN)

__COUNTY)SS

PERSONALLY CAME BEFORE ME THIS AD DAY OF JUNE . 2011, ALEXANDER LI, MEMBER, AND HELEN LI, MEMBER OF THE ABOVE NAMED CORPORATION, TO ME KNOWN TO BE THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT, AND TO ME KNOWN TO BE SUCH MEMBERS OF SAID CORPORATION, AND ACKNOWLEDGED THAT THEY EXECUTED THE FOREGOING INSTRUMENT AS SUCH OFFICERS AS THE DEED OF SAID CORPORATION, BY ITS AUTHORITY.

Jeffrey J. Ekold WOTARY MUBIC STATE OF WISCONSIN Jeffrey J.J. Ekola

(PRINT OR TYRE NAME)

MY COMMISSION EXPIRES August 28, 2011



Secs. 236.15, 236.16, 236.20, and 236.21(1) and (2). Wis Stats, as provided by s. 236.12, Wis. Stats. Kenne M. Honn

CITY COUNCIL CERTIFICATE

RESOLVED THAT THIS PLAT KNOWN AS GENESIS SUBDIVISION LOCATED IN THE CITY OF MADISON, WAS HERBY APPROVED BY ENACTMENT NUMBER RES-10-00318, FILE ID NUMBER 17823, ADDPTED ON THE 16TH DAY OF APRIL, 2010, AND THAT SAID ENACTMENT FURTHER PROVIDED FOR THE ACCEPTANCE OF THOSE LANDS DEDICATED AND THE RIGHTS CONVEYED BY SAID PLAT TO THE CITY OF MADISON FOR PUBLIC USE.

DATED THIS 13thour OF gime

Maribeth Witzel-Behl City CLERK

CITY OF MADISON, DANE COUNTY, WISCONSIN

CITY OF MADISON TREASURER'S CERTIFICATE

DAVID GAWENDA, CITY TREASURER

CITY OF MADISON, DANE COUNTY, WISCONSIN

DANE COUNTY TREASURER'S CERTIFICATE

I, DAVID J. WORZALA, BEING DULY APPOINTED, QUALIFIED, AND ACTING TREASURER OF THE COUNTY OF DANE, DO HEREBY CERTIFY THAT IN ACCORDANCE WITH THE RECORDS IN MY OFFICE, THERE ARE NO UNPAID TAXES OR UNPAID SPECIAL ASSESSMENTS AS OF THIS 15 DAY OF 2011 ON ANY OF THE LANDS INCLUDED IN THE PLAT OF GENESIS

DAVID J. WORZA/A, COUNTY TREASURER COUNTY OF DANE, WISCONSIN

CONSENT OF CORPORATE MORTGAGEE

JOHNSON BANK, A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF WISCONSIN, MORTGAGEE OF THE ABOVE DESCRIBED LAND, DOES HEREBY CONSENT TO THE SURVEYING, DIVIDING, MAPPING AND DEDICATING OF THE LAND DESCRIBED ON THIS PLAT, AND DOES HEREBY CONSENT TO THE ABOVE CERTIFICATE OF GENESIS COMMONS, LLC, OWNER.

IN WITNESS WHEREOF THE SAID JOHNSON BANK HAS CAUSED THESE PRESENTS TO BE SIGNED BY AND THE COUNTERSIGNED BY AND THE SAID JOHNSON BANK HAS CAUSED THESE PRESENTS TO BE SIGNED BY AND THE SAID THE

IN THE PRESENCE OF:

(CORPORATE SEAL)

6-10-11 DATE 6-10-11

STATE OF WISCONSIN) COUNTYISS

PERSONALLY CAME BEFORE ME THIS DAY OF TONE 2011, Pan Mondost Vie Prosident (TITLE) AND New Prosident (TITLE) OF THE ABOVE NAMED CORPORATION, TO ME KNOWN TO BE SUCH Use Prosident (TITLE) AND New Prosident (TITLE) OF SAID CORPORATION, BY ITS

MY COMMISSION EXPIRES 5.19.2013



DATE: 2-17-09 REVISION 1: 12-16-09 REVISION 2: 5-9-2011 SHEET 2 OF 3

FINAL PLAT OF GENESIS

BEING ALL OF OUTLOT 1, OUTLOT 2, AND OUTLOT 3, OF CERTIFIED SURVEY MAP NO. 12423, VOLUME 77, PAGE 216, LOCATED IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 27, TOWNSHIP 7 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

CONSENT OF CORPORATE MORTGAGEE

MONONA STATE BANK, A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF WISCONSIN, MORTGAGEE OF THE ABOVE DESCRIBED LAND, DOES HEREBY CONSENT TO THE SURVEYING, DIVIDING, MAPPING AND DEDICATING OF THE LAND DESCRIBED ON THIS PLAT, AND DOES HEREBY CONSENT TO THE ABOVE CERTIFICATE OF GENESIS COMMONS, LLC, OWNER.

IN WITNESS WHEREOF THE SAID MONONA STATE BANK HAS CAUSED THESE PRESENTS TO BE SIGNED BY LEG GUNDERSAL ITS VICE PRESIDENT AND COUNTERSIGNED BY JEFF OLSAL ITS VICE PRESIDENT, AT MONONT , WISCONSIN, AND ITS CORPORATE SEAL TO BE HEREUNTO AFFIXED THIS 10 DAY OF JOHE , 2011.

IN THE PRESENCE OF:

Susan Hoffman

(CORPORATE SEAL)

DATE 6-10

STATE OF WISCONSIN) COUNTY)SS

PERSONALLY CAME BEFORE ME THIS 10 DAY OF June 2011. Ted Conderson Vice Presidentifite), AND Jell Clan
Vice President (TITLE) OF THE ABOVE NAMED CORPORATION, TO ME KNOWN TO BE SUCH Vice President TITLE) AND Vice President (TITLE) OF SAID CORPORATION, AND ACKNOWLEDGED THAT THEY EXECUTED THE FOREGOING INSTRUMENT AS SUCH OFFICERS AS THE DEED OF SAID CORPORATION, BY ITS AUTHORITY.

NOTARY PUBLIC, STATE OF WISCONSIN

(PRINT OR TYPE NAME)

MY COMMISSION EXPIRES 1/11/15.

ONOTARI PUBLIC OF WISCOM

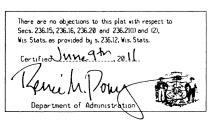
REGISTER OF DEEDS CERTIFICATE

RECEIVED FOR RECORDING THIS 14th DAY OF June . 2011, AT 10:080'CLOCK A.M., IN VOLUME 59-09 OF PLATS, ON PAGES 419-42 AS DOCUMENT NO. 4770373

Drieti Chlabourlai by Veter Ellestar, deputy KRISTI CHLEBOWSKI REGISTER OF DEEDS

KEGISTER OF DEEDS

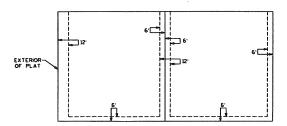




TYPICAL EASEMENTS

NOT TO SCALE

PUBLIC STREET

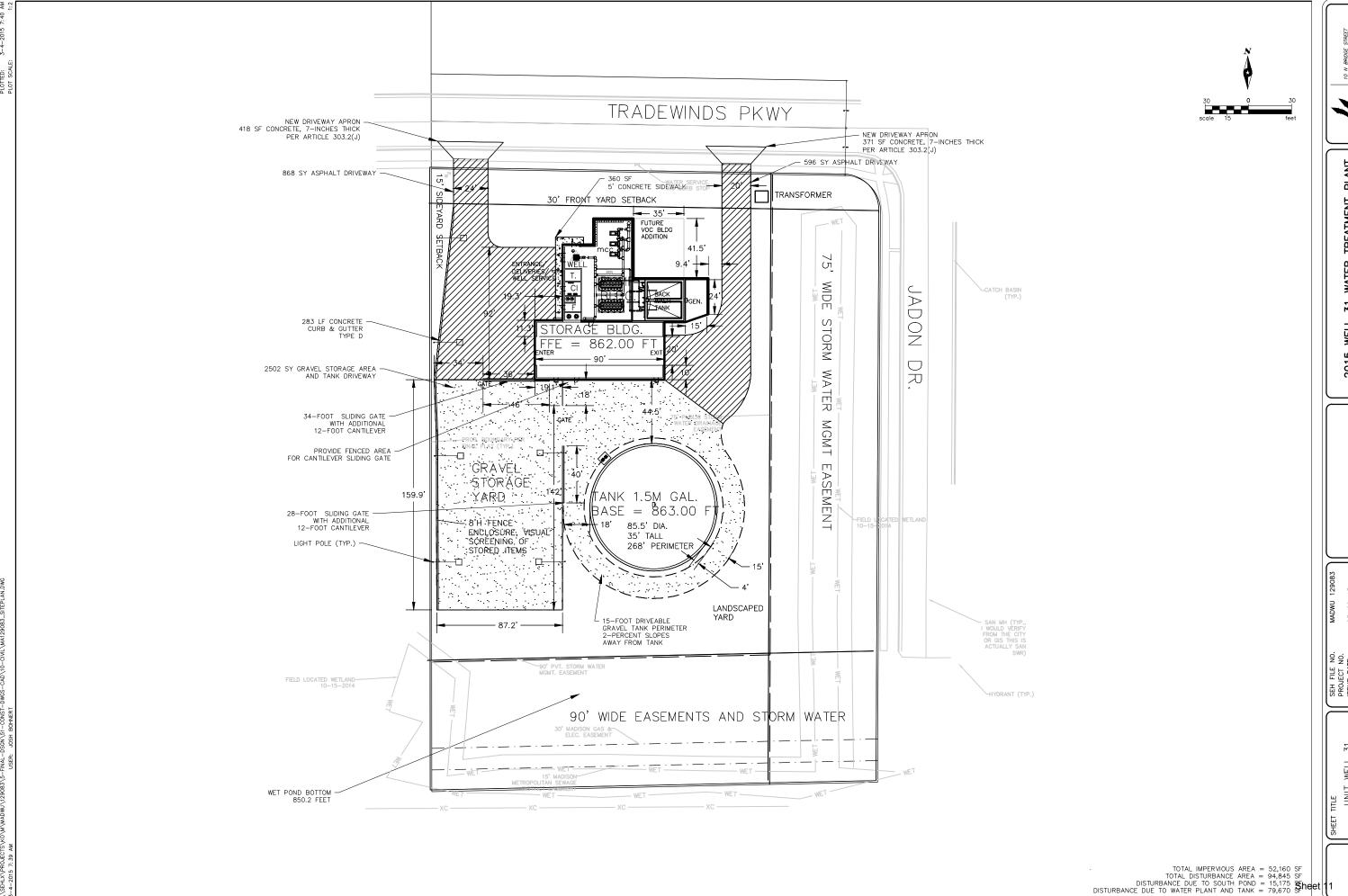


CURVE DATA TABLE

CURVE	LOT	RADIUS	CENTRAL	LENGTH	CHORD	CHORD	TANGENT	TANGENT
			ANGLE		BEARING	LENGTH	FORWARD	BACK
1-2		421.39'	57°18'06"	421.44'	S51°45'34"E	404.09'	S23°06'31"E	S80°24'37"E
	1	421.39'	46°22'38"	341.09'	S46°17'50"E	331.86'	523°06'31"E	S69°29'09"E
	2	421.39	10°55'28"	80.35'	S74°56'53"E	80.23'	S69°29'09"E	S80°24'37"E
3-4		25.00'	102°10'57"	44.59'	S29°19'08.5"E	38.91'	S21°46'20"W	S80°24'37"E
4-5		144.00'	91°09'40"	229.11'	S67°21'10"W	205.70'	N67°04'00"W	S21°46'20"W
6-7		144.00'	22°00'00"	55.29'	N78°04'00"W	54.95'	N89°04'00"W	N67°04'00"W
8-9		78.00'	22°00'00"	29.95'	S78°04'00"E	29.77'	S67°04'00"E	S89°04'00"E
	6	78.00'	14°53'32"	20.27'	S74°30'46"E	20.22'	S67°04'00"E	S81°57'32"E
	7	78.00'	07°06'28"	9.68'	S85°30'46"E	9.67	S81°57'32"E	S89°04'00"E
10-11		25.00'	89°21'00"	38.99'	S44°23'30"E	35.15'	S89°04'00"E	500°17'00"W
12-13		25.00'	90°39'00"	39.55'	N45°36'30"E	35.55'	N00°17'00"E	S89°04'00"E
18-19		210.00'	97°12'34"	356.29'	S64°19'43"W	315.07'	N67°04'00"W	S15°43'26"W
	4	210.00'	59°02'11"	216.38'	N45°14'31.5"E	206.93'	N15°43'26"E	N74°45'37"E
	5	210.00'	38°10'23"	139.91'	S86°09'11.5"E	137.34	N74°45'37"E	S67°04'00"E
19-20		25.00'	83°51'57"	36.59'	N57°39'25"E	33.41'	S80°24'37"E	N15°43'26"E



DATE: 2-17-09
REVISION 1: 12-16-09
REVISION 2: 5-9-2011
SHEET 3 OF 3



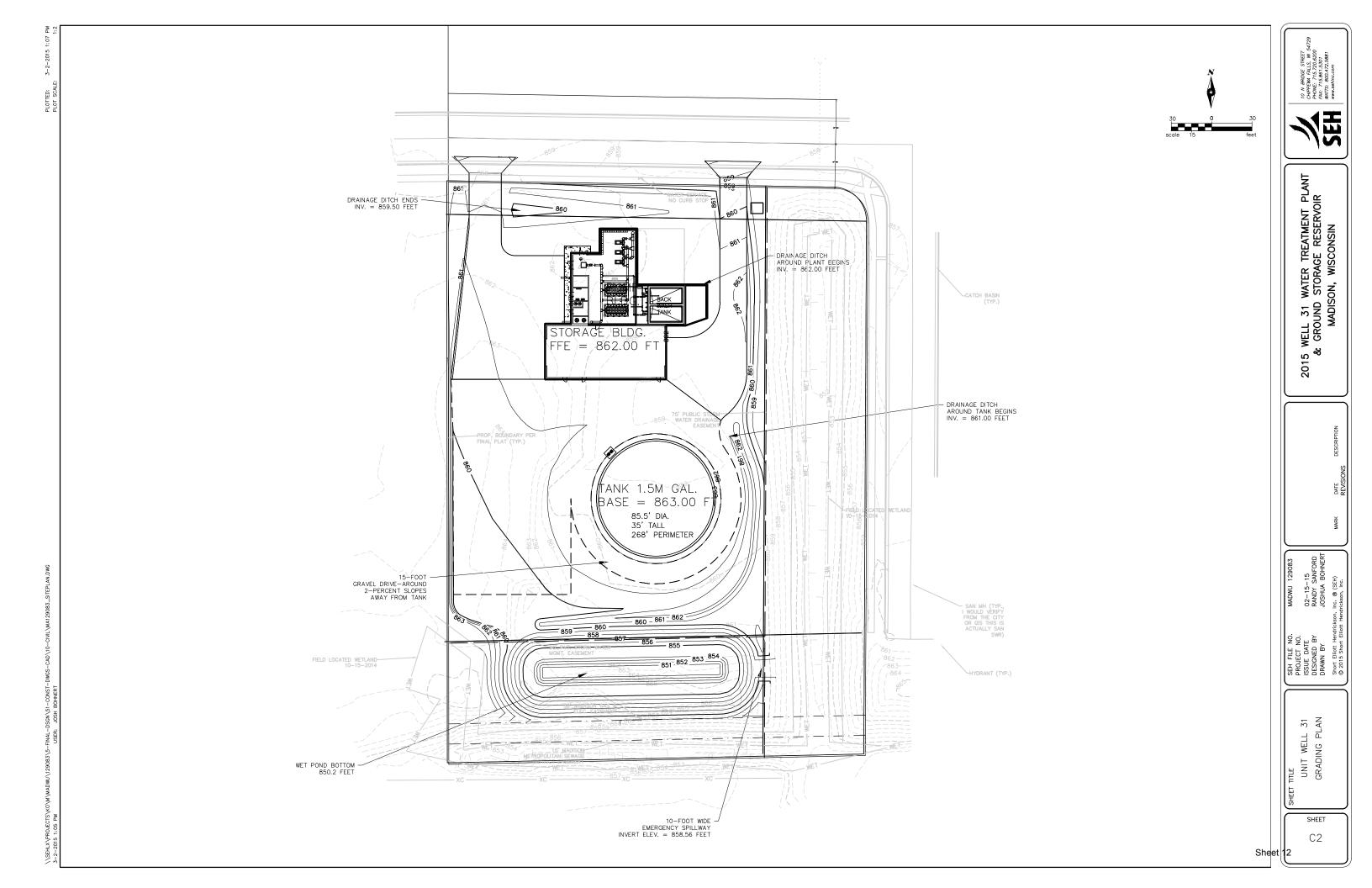
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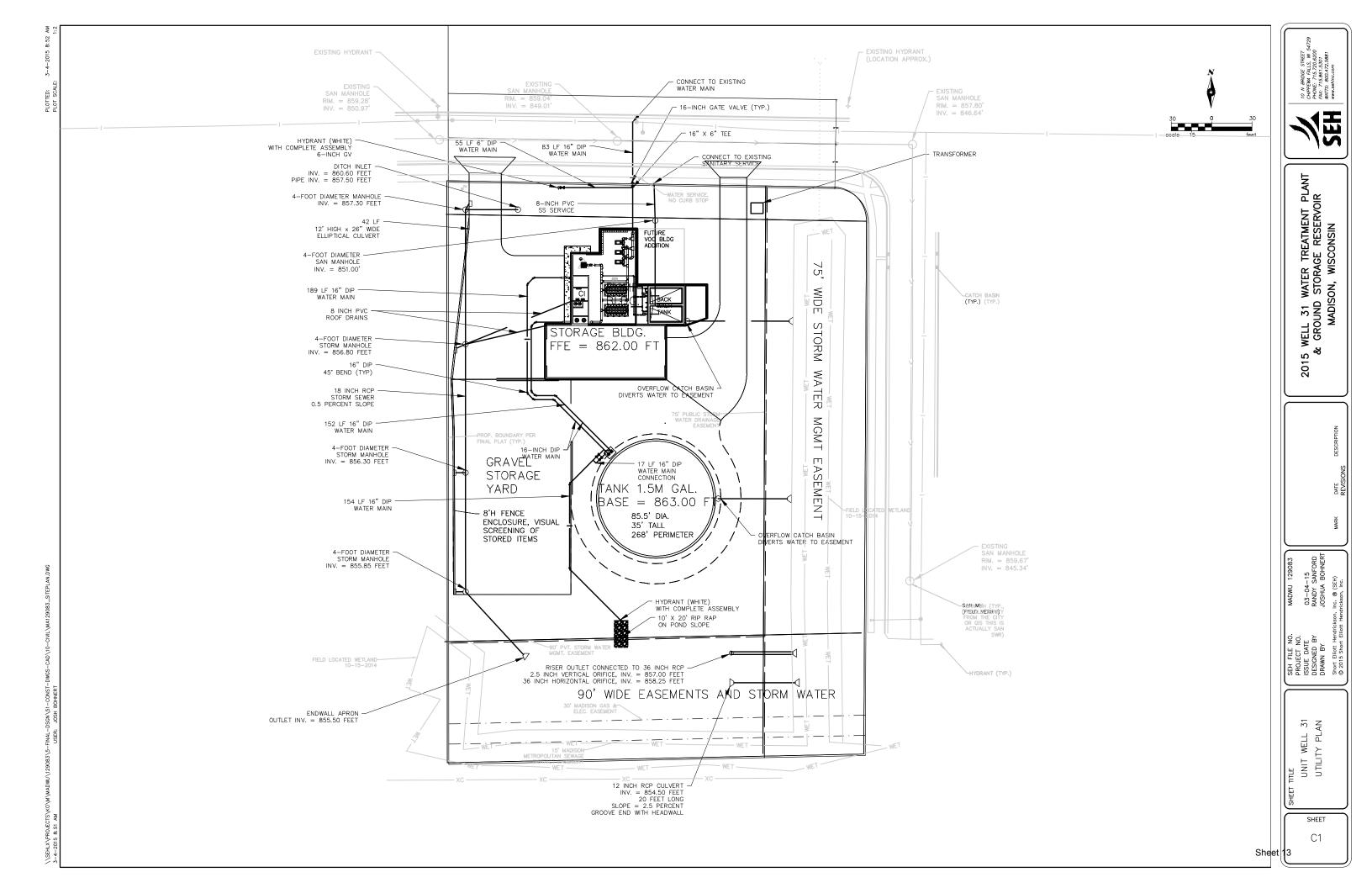
WELL 31 WATER TREATMENT PLANT GROUND STORAGE RESERVOIR MADISON, WISCONSIN 2015 W

03-02-1 RANDY Sy JOSHUA E Inc. ® (SEH rickson, Inc.

WELL 31 PLAN WELL TLE UNIT

> SHEET G2





- 0.5FC HORIZONTAL FOOTCANDLE CONTOUR

MOUNTED ON —

ROOF2 **D**

∠ MOUNTED ON 24"

STANCHION TO

LIGHT ACCESS

HATCH

 $\begin{vmatrix} 0.0 & 0.5 & 0.6 & 0.7 & 0.7 & 0.7 & 0.7 & 0.6 \end{vmatrix}$ $0.5 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 \end{vmatrix}$

SIDE OF PARAPET WALL TO LIGHT

1.1 1.6 1.6 1.3 0.9 \ 0.4 0

0.9 1.4 1.6 1.6 1.2 0.8 0 (9'AFG)

1.2 1.7 1.9 2.0 2.0 1.9 1.9 1.4 $\sqrt{0.3}$ 0.1 0.1

1.0 1.5 1.8 2.3 2.4 1.9 1.6 1.3 | 0 |2 0.1 0 | 0 |

1.1 1.5 1.7 2.1 2.3 1.9 1.5 1.3 0.2 0.1 0.0

1.0 1.6 1.8 2.2 2.3 1.9 1.7 1.3 0.5 2 0.1 0.0

02 1.2 1.7 1.8 1.9 2.0 1.8 1.9 1.4 0.3 0.1 0.1 0.0 PB 2 PB 2 PB 4 5 0.2 0.1 0.0

0.14.5 1.1 1.5 1.7 2.2 2.3 1.9 1.5 1.3 0.2 0.1 0.0

- HORIZONTAL FOOTCANDLES AT 4-FT ABOVE GRADE

KEYED NOTES:

(1) LIGHT CONTROLLED VIA PHOTOCELL (ON DUSK/DAWN)

2 LIGHT CONTROLLED VIA SWITCH (ONLY ON FOR MAINTENANCE WORK)

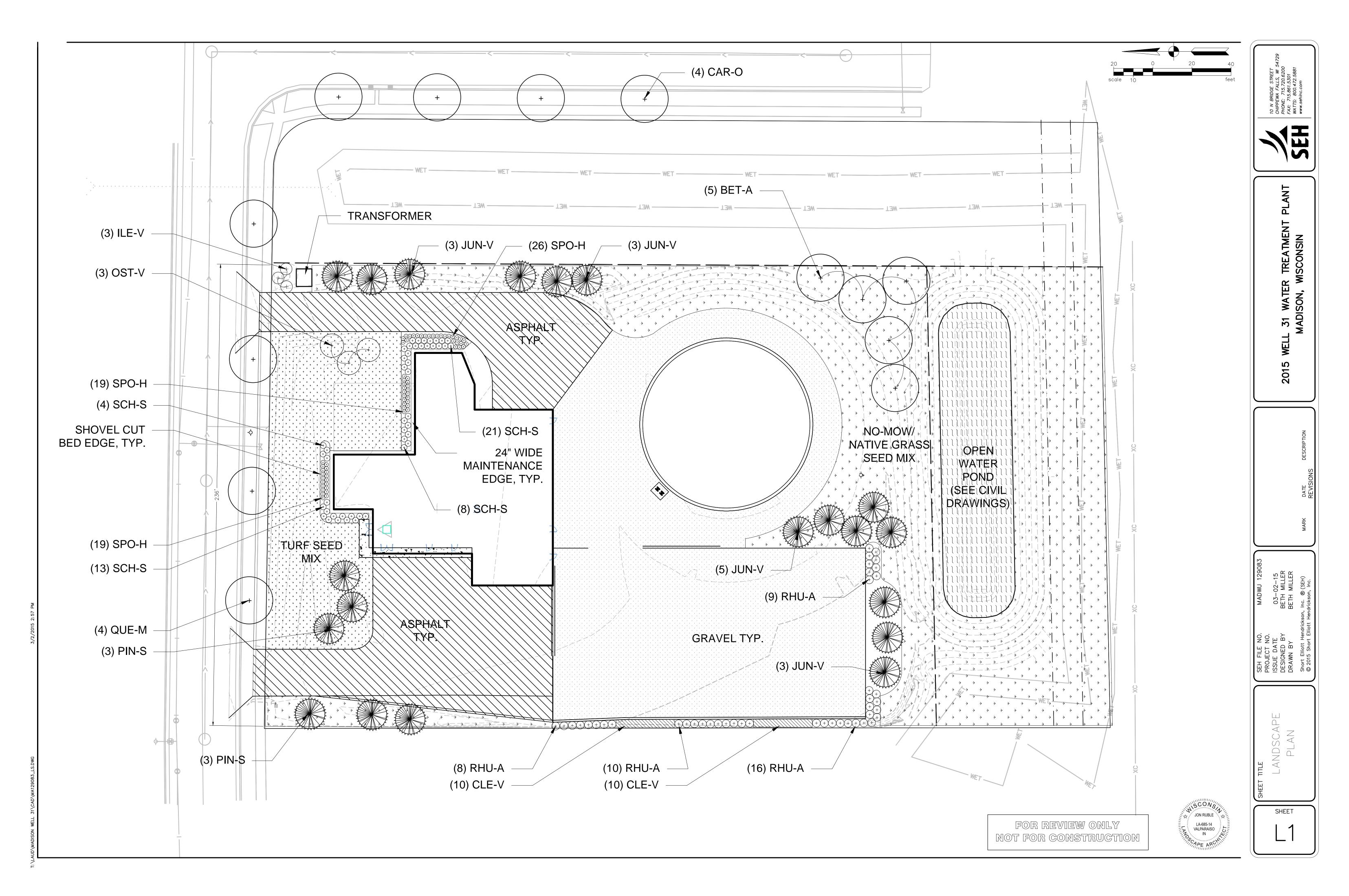
LUMIN	IAIRE S	CHEE	DULE						
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	WA	1	DSXW1 LED 20C 350 40K TFTM MVOLT	DSXW1 LED WITH 2 LIGHT ENGINES, 20 LED's, 350mA DRIVER, 4000K LED, TYPE FORWARD THROW MEDIUM OPTIC	LED	DSXW1_LED_ 20C_350_40K_ TFTM_MVOLT. ies	Absolute	0.85	25
	WB	2	DSXW1 LED 10C 350 40K T3M MVOLT	DSXW1 LED WITH 1 LIGHT ENGINE, 10 LED's, 350mA DRIVER, 4000K LED, TYPE 3 MEDIUM OPTIC	LED	DSXW1_LED_ 10C_350_40K_ T3M_MVOLT.i es	Absolute	0.85	13.21
	PA	1	DSX1 LED 30C 530 40K T3M MVOLT HS	DSX1 LED WITH (1) 30 LED LIGHT ENGINES, TYPE T3M OPTIC, 4000K, @ 530mA WITH HOUSE SIDE SHIELD	LED	DSX1_LED_30 C_530_40K_T3 M_MVOLT_HS .ies	Absolute	0.85	52
	РВ	5	DSX1 LED 40C 700 40K T3M MVOLT HS	DSX1 LED WITH (2) 20 LED LIGHT ENGINES, TYPE T3M OPTIC, 4000K, @ 700mA WITH HOUSE SIDE SHIELD	LED	DSX1_LED_40 C_700_40K_T3 M_MVOLT_HS .ies	Absolute	0.85	89
	DNLT	6	DOM6 600L DO6	603 delivered lumens	ONE 15-WATTLED, HORIZONTAL POS.	DOM6_600L_D O6.ies	Absolute	0.85	15.624
	ROOF1	1	TWR1 LED 1 40K MVOLT	2100lm TWR1 LED WALLPACK	LED	TWR1_LED_1_ 50K_MVOLT.ie s	Absolute	0.85	34.4
	ROOF2	1	DSXF1 LED 1 A530/40K HMF MVOLT	D-SERIES FLOOD SIZE 1 WITH 1 COB, 4000K, (HMF) DISTRIBUTION, NEMA TYPE 6HX4V	LED	DSXF1_LED_1 _A530_40K_H MF_MVOLT.ie	Absolute	0.85	21

Powrtek Engineering,Inc. 20711 WATERTOWN RD., SUITE C WAUKESHA, WI 53186 VOICE: 262-827-9575

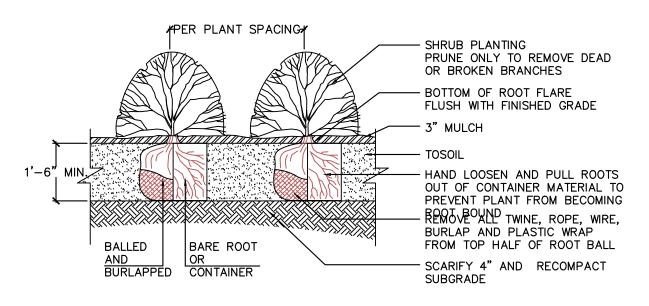
FAX: 262-827-9615

SHEET

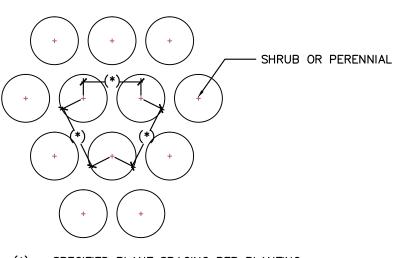
HOTOMETRIC



Sheet 15



SHRUB PLANTING DETAIL NOT TO SCALE



(*) = SPECIFIED PLANT SPACING PER PLANTING

Z PLANT SPACING DETAIL
NOT TO SCALE

Lineal feet of frontage: 236
Total Developed Area (sq. ft.): 92,484

ORDIANCE 28.142 LANDSCAPE & SCREENING REQUIREMENTS Plant Type Minimum Size at Installation Overstory Deciduous Tree 35 2.5 inch caliper Ornamental Tree 1.5 inch caliper Evergreen Tree 3 feet tall Shrub, deciduous 18" or 3 gallon container size Shrub, evergreen 18" or 3 gallon container size 18" or 3 gallon container size Ornamental Grasses Ornamental/decorative fencing or wall 4 per 10 ln.ft. n/a

Landscape Calculations & Distrubution	<u>Plant Req.</u>	Req. Points	
Required Landscape Units:	154	771	
Development Frontage Landscape	<u>Plant Req.</u>	<u>Points</u>	
Overstory Deciduous Trees:	8	275	
Ornamental Trees:	0	0	(2 may be used in the place of 1 Overstory Decidous Tr
Evergreen Trees:	0	0	(2 may be used in the place of 1 Overstory Decidous Tr
Shrub, deciduous	39	0	
Shrub, evergreen	0	0	
Ornamental Grasses	0	0	
Frontage Fencing (in lineal feet)	236	0	

TOTAL POINTS: 275

Development Landscape	<u>Plants</u>	<u>Points</u>
Overstory Deciduous Trees:	13	455
Ornamental Trees:	3	45
Evergreen Trees:	20	300
Shrub, deciduous	43	86
Shrub, evergreen	0	0
Ornamental Grasses	110	220
	TOTAL POINTS:	1106

ORDINANCE REQUIREMENTS

Madison Wellhead 31

Plant List

Quantity	Code	Botanical Name	Common Name	Size	Spacing
SHADE TR	EES				
5	BET-A	Betula alleghaniensis	Yellow Birch	2.5" cal.	24'
4	CAR-O	Carya ovata	Shagbark Hickory	2.5" cal.	24'
4	QUE-M	Quercus macrocarpa	Bur Oak	2.5" cal.	24'
13					
ORNAMEN	ITAL TREE	S			
			Ironwood (Eastern Hop		
3	OST-V	Ostrya virginiana	Hornbeam)	8' B&B	12'

EVERGREE	N TREES				
14	JUN-V	Juniperus virginiana	Eastern Red Cedar	8' B&B	
6	PIN-S	Pinus strobus	Eastern White Pine	8' B&B	
20					

_	SHRUBS					
	3	ILE-V	Ilex verticillata	Winterberry	#5	5'
	43	RHU-A	Rhus aromatica 'Gro-Low'	Gro-Low Sumac	#5	3'
	46					

VINE								
		Virgin's Bower						
CLE-V	Clematis virginiana	(Woodbine)	#3	36"				
ORNAMENTAL GRASSES								
SCH-S	Schizachyrium scoparium 'Carousel'	Carousel Little Bluestem	#3	30"				
SPO-H	Sporobolus heterolepis	Prairie Dropseed	#3	24"				
	NTAL GRAS	CLE-V Clematis virginiana NTAL GRASSES SCH-S Schizachyrium scoparium 'Carousel'	CLE-V Clematis virginiana (Woodbine) NTAL GRASSES SCH-S Schizachyrium scoparium 'Carousel' Carousel Little Bluestem	CLE-V Clematis virginiana (Woodbine) #3 NTAL GRASSES SCH-S Schizachyrium scoparium 'Carousel' Carousel Little Bluestem #3				

GRASSES				
-	-	-	Turf Seed Mix	
			No-Mow/Native Grass	
-	-	-	Seed Mix	

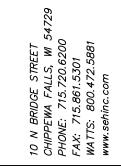
PLANT SCHEDULE

110

PLANTING NOTES:

- EXISTING SHRUBS FOUND ON SITE SHALL BE REMOVED.
 QUESTIONS REGARDING EXISTING PLANT MATERIAL SHALL
 BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE
 ARCHITECT PRIOR TO REMOVAL.
- 2. THE LAYOUT OF ALL PLANTING BEDS AND INDIVIDUAL TREES SHALL BE STAKED BY THE CONTRACTOR IN ADVANCE OF INSTALLATION. FLAGGING, STAKES, OR PAINT MAY BE USED TO DELINEATE LOCATIONS AS SCALED FROM THE PLANS. THE LANDSCAPE ARCHITECT WILL REVIEW THESE LOCATIONS WITH THE CONTRACTOR AND MAKE MINOR ADJUSTMENTS AS NECESSARY. BED LAYOUT SHALL ALSO INCLUDE PERENNIAL GROUPINGS BY SPECIES.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY DETERMINING THE PLANT MATERIAL QUANTITIES REQUIRED BY THE LANDSCAPE PLANS. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
- 4. SALVAGE TOPSOIL FROM THE EARTHWORK AREAS AS APPROPRIATE AND/OR AS DIRECTED BY LANDSCAPE ARCHITECT AND STOCKPILE FOR REUSE IN LOCATION APPROVED BY OWNER
- 5. CONTRACTOR SHALL ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE.

 UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN ALL AREAS
- 6. ALL SEED & SOD AREAS SHALL RECEIVE A MINIMUM OF 6" DEPTH OF TOPSOIL
- ALL PLANTING BEDS SHALL RECEIVE 18" DEPTH OF PREPARED SOIL.
- 8. PAINT OR STAKE LIMITS OF SEEDING FOR REVIEW BY LANDSCAPE ARCHITECT & OWNER PRIOR TO SEEDING.
- 9. NEW SEEDED AREAS TO BE TREATED WITH HERBICIDE TO KILL ALL EXISTING GROUNDCOVER. THERE SHALL BE A MINIMUM OF TWO (2) APPLICATIONS SEPARATED BY 10 DAYS. IF ALL EXISTING GROUNDCOVER VEGETATION IS NOT KILLED WITHIN 10 DAYS OF 2ND APPLICATION, A 3RD APPLICATION IS REQUIRED.
- 10. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- 11. ALL PLANTING BEDS SHALL HAVE A SHOVEL CUT EDGE, UNLESS OTHERWISE SPECIFIED.
- 12. ALL PLANTING BEDS AND PLANTED TREES SHALL BE MULCHED WITH 3" DEEP SHREDDED HARDWOOD MULCH PER PLANTING DETAILS. MULCH SHALL BE CONSIDERED INCIDENTAL TO PLANT MATERIALS
- 13. NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL BY THE LANDSCAPE ARCHITECT. ALL PLANT MATERIAL AND SEED SHALL BE PROVIDED FROM A NURSERY (WITHIN 200 MILES) WITH A SIMILAR PLANT HARDINESS ZONE AS PROJECT LOCATION.
- 14. CONTRACTOR IS RESPONSIBLE FOR ON-GOING MAINTENANCE OF ALL NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ANY ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
- 15. PROVIDE 1 YEAR WARRANTY ON ALL PLANT MATERIAL
- 16. LAWN SEED SHALL BE ESTABLISHED BY THE CONTRACTOR TO A DENSE, GREEN CONSISTENT LAWN VOID OF ANY BARE OR PATCHY AREAS LARGER THAN 3"X3"
- 17. SEED PRIOR TO OCT. 15. IF SEEDED AFTER OCT. 15, MAINTAIN AND ESTABLISH LAWN UNTIL SPRING REVIEW





WELL 31 WATER TREATMEN MADISON, WISCONSIN

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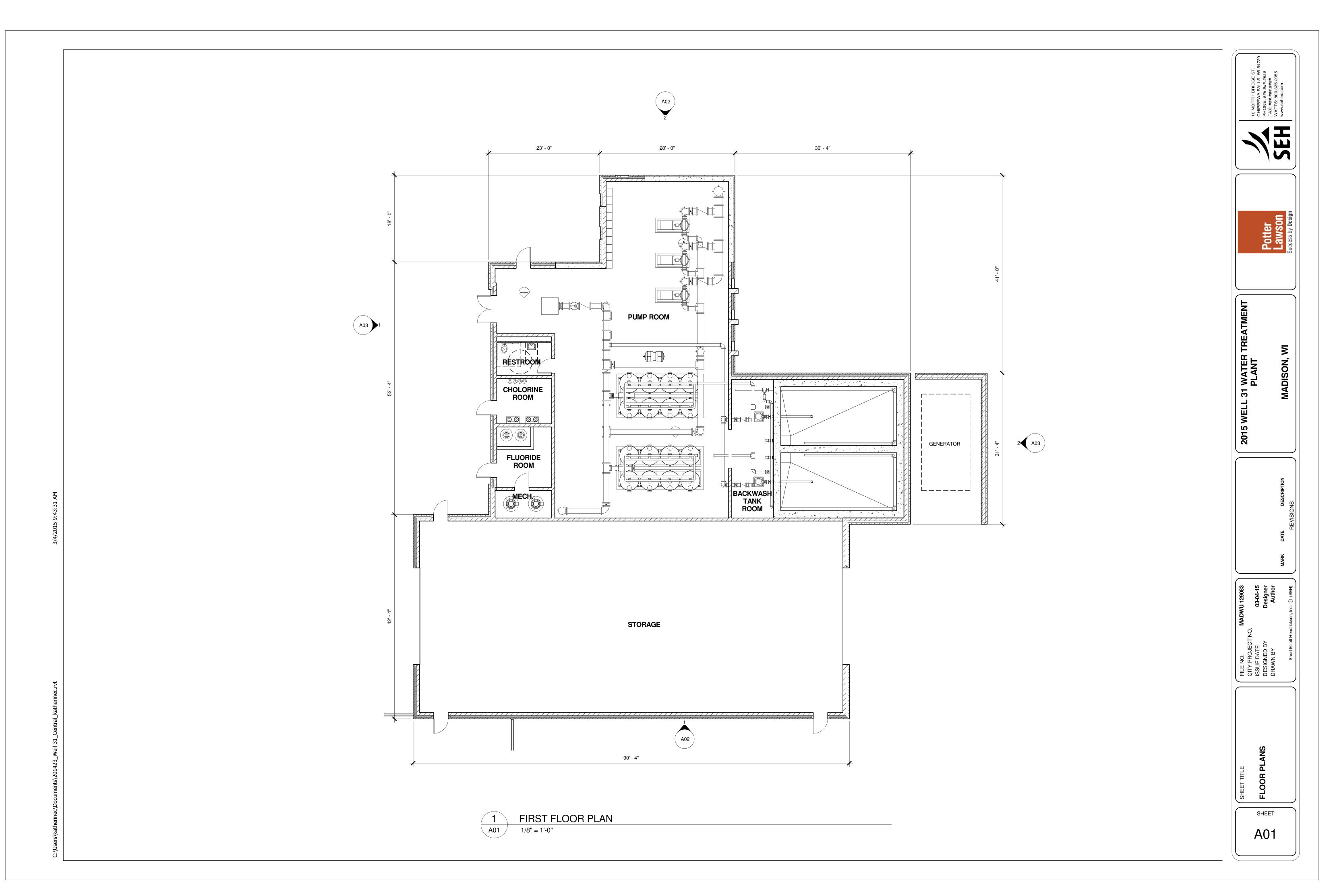
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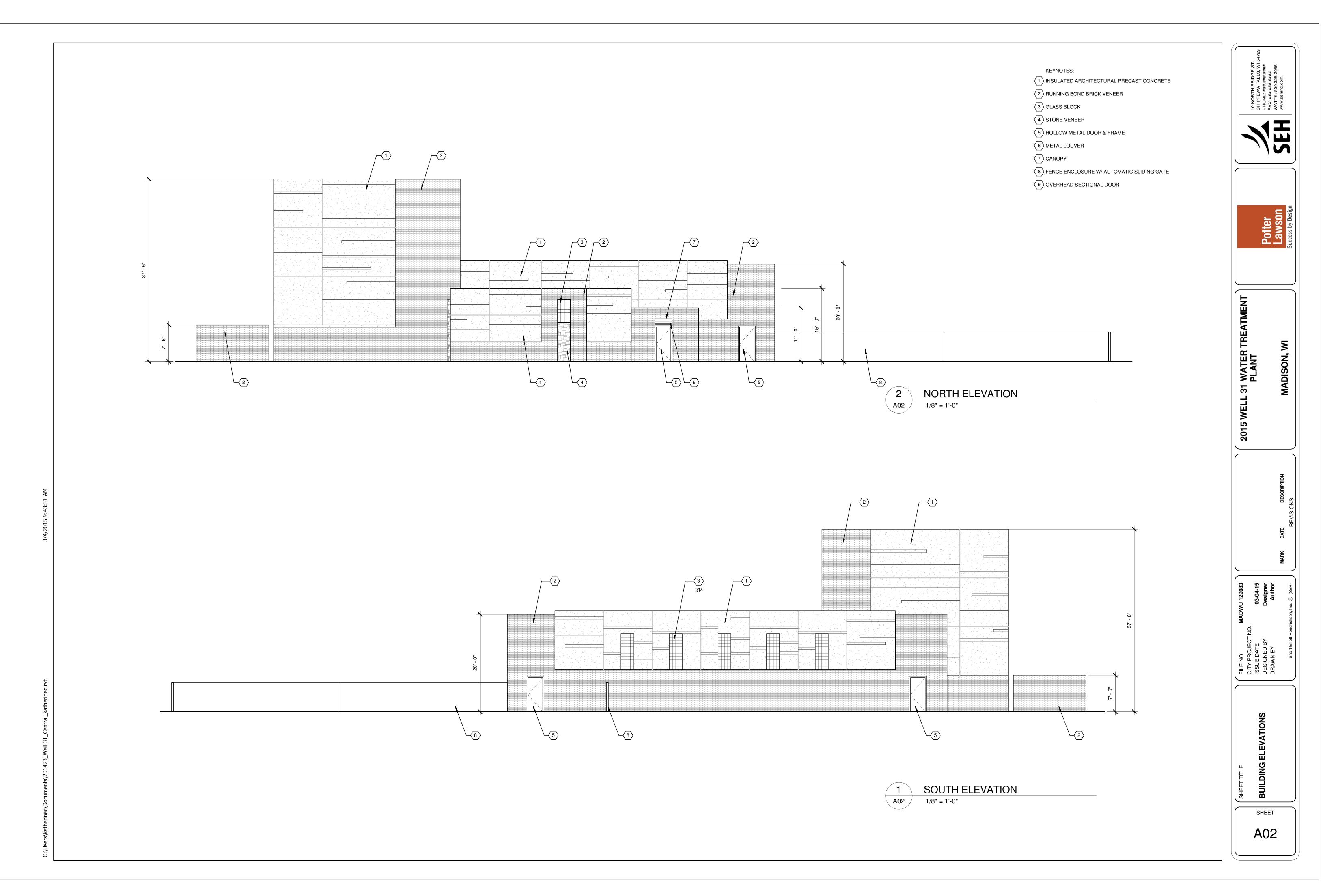
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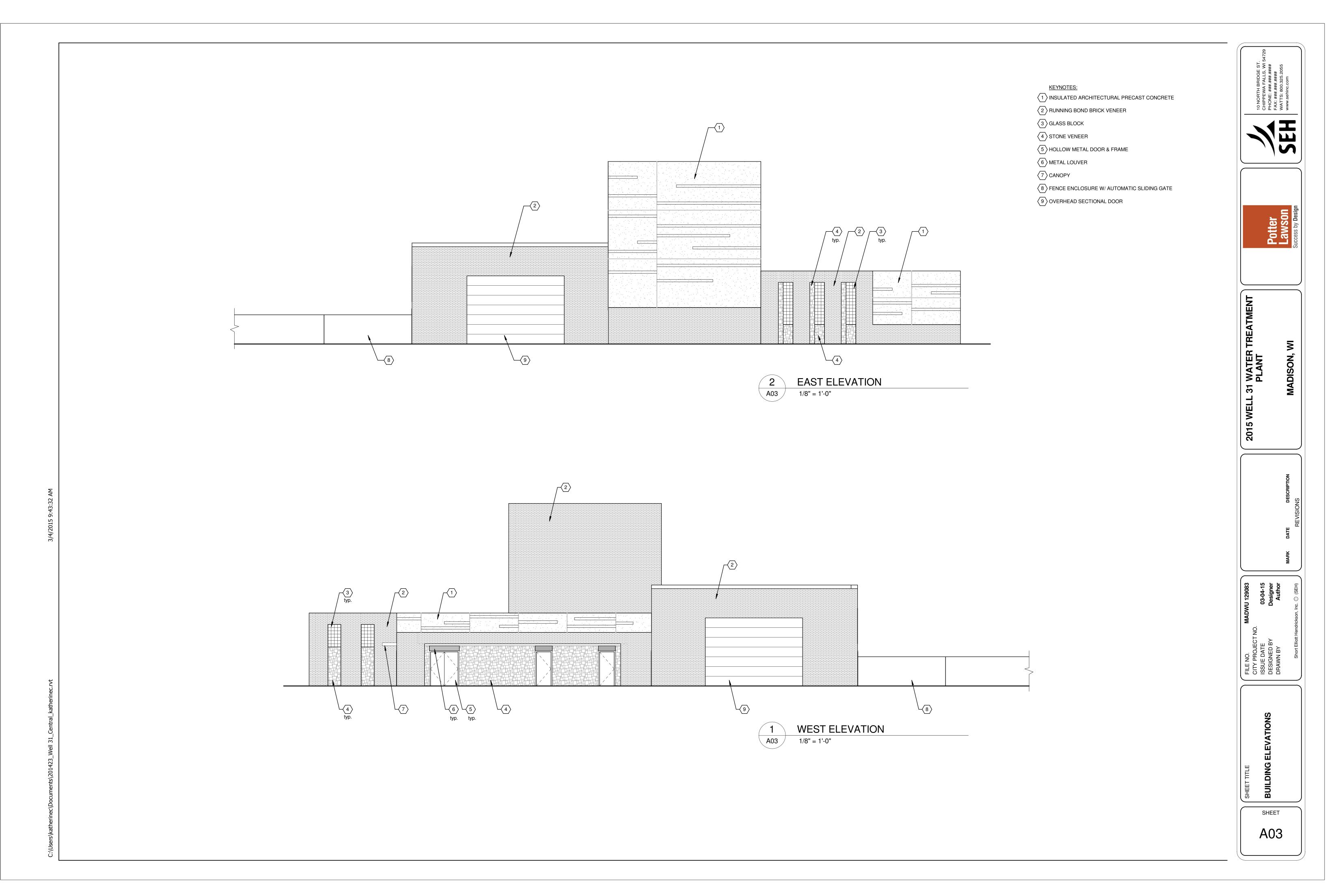
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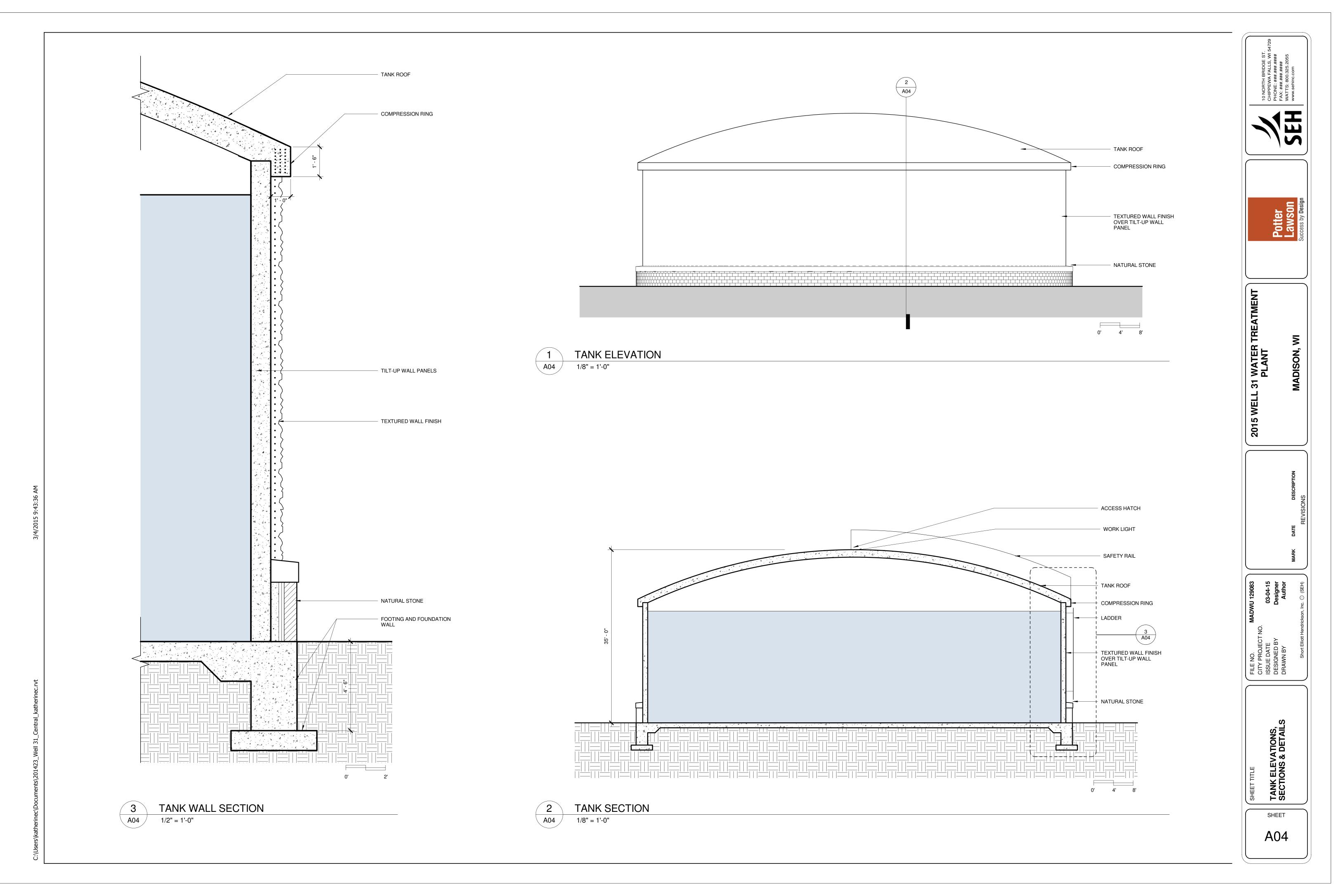












SHEET



NORTHWEST VIEW



NORTHEAST VIEW

FILE NO. MADWU 129
CITY PROJECT NO.
ISSUE DATE 03-0
DESIGNED BY Potter Law

EET TITLE
JILDING PERSPECTIVES

A06



NORTHWEST VIEW



SOUTHWEST VIEW