

FINAL ENGINEERING PLANS

CHASE BANK

660 S. WHITNEY WAY

MADISON, WI 53711

UTILITY AND GOVERNING AGENCY CONTACTS

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MADISON MUNICIPAL BUILDING
215 MARTIN LUTHER KING JR. BLVD #161
MADISON, WI 53703
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CONTACT: MATT WACHTER

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MADISON, WI 53713
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CITY COUNTY BUILDING
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POWER COMPANY
MADISON GAS & ELECTRIC CO.
PO BOX 1231
MADISON, WI 53701-1231
TEL: (608) 252-7222

NATURAL GAS COMPANY
MADISON GAS & ELECTRIC CO.
PO BOX 1231
MADISON, WI 53701-1231
TEL: (608) 252-7222

WATER SERVICE
WATER UTILITY ADMINISTRATIVE OFFICE
119 EAST OLIN AVENUE
MADISON, WI 53713
TEL: (608) 266-4651

PROJECT TEAM

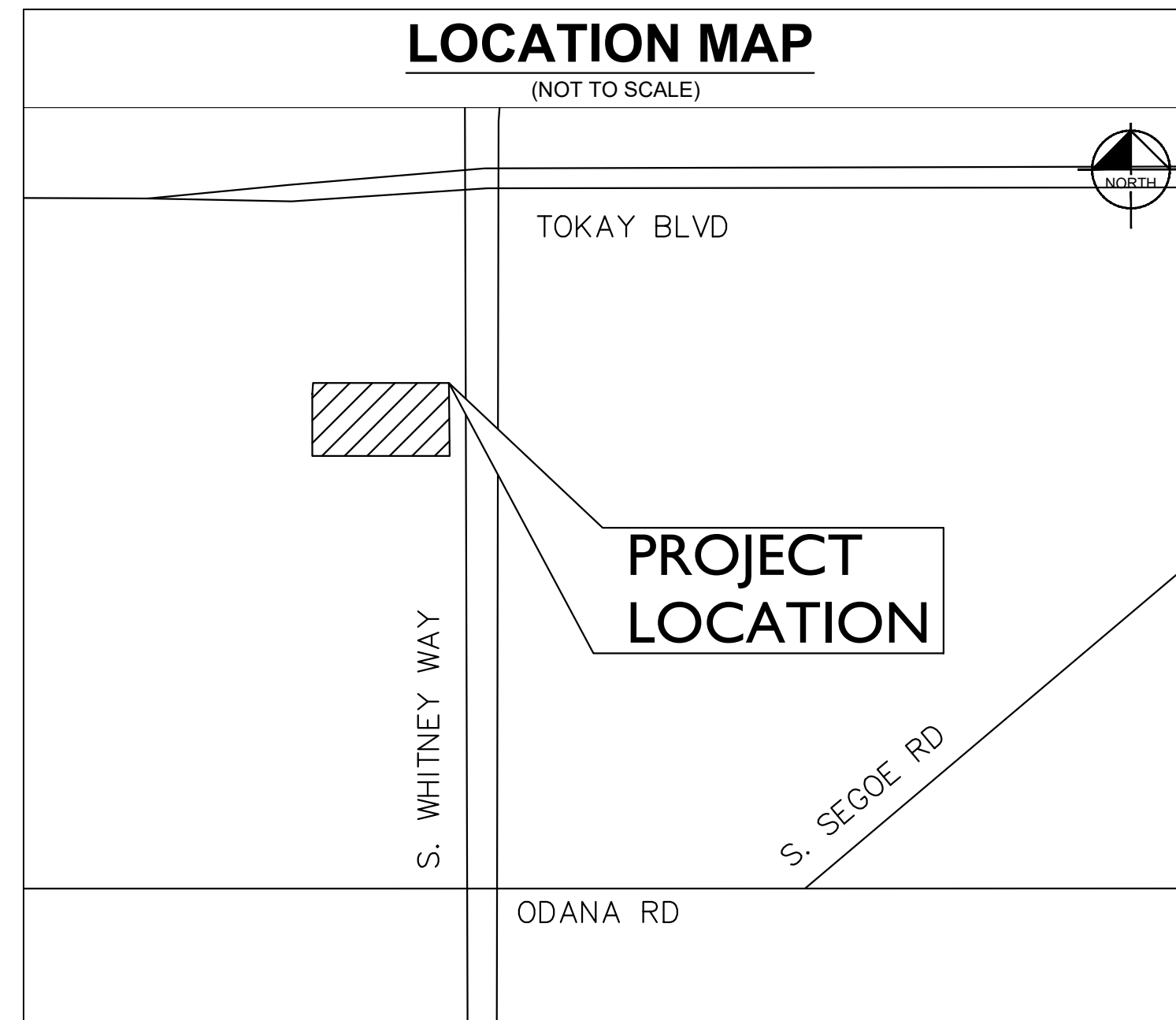
DEVELOPER
JP MORGAN CHASE BANK, N.A.
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TEL: (312) 320-9594
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TERRA ENGINEERING
225 WEST OHIO STREET, 4TH FL
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CONTACT: CRAIG MOST, A.S.L.A.

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
4201 WINFIELD RD, SUITE 600
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CONTACT: ALEXA FALBO
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CONTACT: ANDY HEINEN, P.E.

SURVEYOR
CHAPUT LAND SURVEYS
234 W. FLORIDA STREET
MILWAUKEE, WI 53204
TEL: (414) 224-8068
CONTACT: DANIEL BEDNAR



Sheet List Table	
Sheet Number	Sheet Title
C0.0	COVER SHEET
V0.0	ALTA SURVEY (BY OTHERS)
C1.0	GENERAL NOTES
C2.0	DEMOLITION PLAN
C3.0	SITE PLAN
C3.1	FIRE ACCESS AND FIRE HYDRANT COVERAGE PLAN
C4.0	EROSION CONTROL PLAN
C4.1	LIMITS OF DISTURBANCE EXHIBIT
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C7.1	CONSTRUCTION DETAILS

LEGAL DESCRIPTION

LOT 4 AND THE SOUTH 15.77 FEET OF LOT 5, TOKAY PLACE, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN.

BENCHMARKS

STARTING BENCHMARK:
REFERENCE MARK AND REFERENCE
BENCHMARK WEST 1/4 OF SECTION 29
ELEVATION=996.07'

SITE BENCHMARKS:
(LOCATIONS SHOWN ON SURVEY)

SBM #1 SET CHISELED "T" IN TOP OF CURB, EAST SIDE OF SITE.
ELEVATION=1026.730'

SBM #2 SET CHISELED "T" IN TOP OF CURB, NORTH SIDE OF SITE
ELEVATION=1031.035'

PROFESSIONAL ENGINEER'S CERTIFICATION

I, ANDREW HEINEN, A LICENSED PROFESSIONAL ENGINEER OF WI, HEREBY CERTIFY THAT THIS SUBMISSION, PERTAINING ONLY TO THE "C" SERIES CIVIL SHEETS LISTED ABOVE BUT EXCLUDING DETAILS PREPARED BY OTHERS, WAS PREPARED ON BEHALF OF JP MORGAN CHASE BANK, N.A. BY KIMLEY-HORN AND ASSOCIATES, INC. UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS 20TH DAY OF OCTOBER, A.D., 2023.

A. Heinen

WI LICENSED PROFESSIONAL ENGINEER 36037-6
MY LICENSE EXPIRES ON JULY 31ST, 2024
DESIGN FIRM REGISTRATION NUMBER: 184002012-0006



(800) 242-86511

Drawing name: K:\CHS\DEVA\168558057_Chase_Madison_WI2 Design\CAD\PlanSheets\Final\C0.0 - COVER SHEET.dwg, C0.0 Nov 10, 2023 2:24pm by: AlexFalbo
This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

No.	REVISIONS	DATE	BY
<p>© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 4201 WINFIELD ROAD, SUITE 600 WARRENVILLE, IL 60555 PHONE: 630-487-2550 WWW.KIMLEY-HORN.COM</p>			
SCALE:	AS NOTED	DESIGNED BY: JRS	DRAWN BY: JRS
		CHECKED BY: TJS	
COVER SHEET			
CHASE BANK 660 S. WHITNEY WAY MADISON, WI 53711			
ORIGINAL ISSUE:	10/20/23		
KHA PROJECT NO.	168558057		
SHEET NUMBER	C0.0		

ALTA/NSPS LAND TITLE SURVEY

CLIENT: The Architects Partnership, Ltd. SITE ADDRESS: 660 S. Whitney Way, City of Madison, Dane County, Wisconsin.

LEGAL DESCRIPTION: LOT FOUR (4) AND THE SOUTH 15.77 FEET OF LOT FIVE (5), TOKAY PLACE, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN.

BASIS OF BEARINGS: Bearings are referenced to Dane County Coordinates in which the West line of S. Whitney Way bears S00°08'26"E (Recorded as S00°31'48"E in Tokay Place).

TITLE COMMITMENT: This survey was prepared based on First American Title Insurance Company Commitment No. NCS-1164543-CH12, effective date of January 31, 2023 which lists the following easements and/or restrictions from schedule B-II:

- 1, 2, 3, 4 & 5 visible evidence shown, if any.
- 6, 7, 8, & 15-19 not survey related.
9. Drainage Swale Requirement as not on plat of Tokay Place recorded in Volume 56-143B of Plats, page 424 as Document No. 2413099. **Affects property by location, shown.** Affidavit of Correction provided Document No. 2413443.
10. Covenants, conditions, restrictions and easements in the document recorded March 21, 1986 as Volume 7904 of Records, page 97 as Document No. 1926304 of Official Records, but deleting any covenant, condition, or restriction, if any, indicating a preference, limitation, or discrimination based on race, color, religion, sex, gender, gender identity, gender expression, sexual orientation, familial status, marital status, disability, handicap, veteran or military status, genetic information, national origin, source of income as defined in subdivision (p) of Section 12955, or ancestry, to the extent that such covenants, conditions or restrictions violate applicable state or federal laws. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status. **Affects property by location.**
11. Covenants, conditions, restrictions and easements in the document recorded March 21, 1986 as Volume 7905 of Records, page 03 as Document No. 1926306 of Official Records, but deleting any covenant, condition, or restriction, if any, indicating a preference, limitation, or discrimination based on race, color, religion, sex, gender, gender identity, gender expression, sexual orientation, familial status, marital status, disability, handicap, veteran or military status, genetic information, national origin, source of income as defined in subdivision (p) of Section 12955, or ancestry, to the extent that such covenants, conditions or restrictions violate applicable state or federal laws. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status. **Affects property by location.**
12. Terms, conditions, restrictions and provisions relating to the use and maintenance of the Reciprocal Access Agreement recorded on June 22, 1992 in Volume 19258 of Records, Page 57, as Document No. 2365505. **Affects property by location, blanket type.**
13. Terms, conditions, restrictions and provisions relating to the use and maintenance of the Reciprocal Easement Agreement recorded on June 22, 1992 in Volume 19265 of Records, Page 1, as Document No. 2365730. **Affects property by location, blanket type.** Agreement Regarding Reciprocal Easement Agreement recorded June 22, 1995 as Document No. 2683741. Assignment and Assumption of Reciprocal Easement Agreement recorded August 8, 1995 as Document No. 2694731. **Affects property by location, blanket type.** Assignment and Assumption of Reciprocal Easement Agreement recorded September 2, 1998 as Document No. 3014808. **Affects property by location, blanket type.** Assumption of Reciprocal Easement Acknowledgement recorded August 4, 2015 as Document No. 5173830. **Affects property by location, blanket type.**
14. Utility Easement to Madison Gas and Electric Company, a Wisconsin corporation, dated October 05, 1992, recorded/filed March 13, 1995 in Volume 29481 of Records, Page 6 as Document No. 2664329. **Affects property by location, shown.**

LEGEND

● INDICATES FOUND 3/4" IRON ROD	○ WALL INDICATOR VALVE
○ INDICATES FOUND 1" IRON PIPE	⊕ POST INDICATOR VALVE
⊕ INDICATES FOUND CHISELED CROSS	⊕ LIGHT POLE
○ SANITARY MANHOLE	* SPOT/YARD LIGHT
⊕ SANITARY CLEANOUT OR VENT	⊕ UTILITY POLE
⊕ SEPTIC TANK ACCESS COVER	⊕ GUY WIRE
○ M.S. MANHOLE	⊕ GUY WIRE
○ UNKNOWN MANHOLE	⊕ ELECTRIC MANHOLE
○ STORM MANHOLE	⊕ ELECTRIC PEDESTAL
○ INLET (ROUND)	⊕ ELECTRIC METER
○ INLET (SQUARE)	⊕ TELEPHONE MANHOLE
○ CURB INLET	⊕ TELEPHONE PEDESTAL
⊕ STORM SEWER END SECTION	⊕ CABLE PEDESTAL
⊕ GAS VALVE	⊕ CONTROL BOX
⊕ GAS METER	⊕ FIBER OPTIC PEDESTAL/SIGN
⊕ WATER VALVE	⊕ TRAFFIC LIGHT
⊕ HYDRANT	⊕ COMMUNICATION MANHOLE
⊕ WATER SERVICE CURB STOP	⊕ BOLLARD
⊕ WELL HEAD	⊕ SOIL BORING/MONITORING WELL
⊕ STAND PIPE	⊕ WATER SURFACE
	⊕ WETLANDS FLAG

TABLE "A" ITEMS

1. According to the flood insurance rate map of the County of Dane, Community Panel No.55025C0415G, effective date of January 2, 2009, this site falls in Zone X (Areas determined to be outside the 0.2% annual chance floodplain).
2. The Land Area of the subject property is 37,556 square feet or 0.8622 acres.
3. There are 54 regular parking spaces and 3 handicap space marked on this site.
4. No plans or reports provided by client.
5. Evidence of underground utilities existing on or serving the surveyed property as determined by markings requested by the surveyor pursuant to a Diggers Hotline One-call center utility locate. Ticket Number 20230704833 and 20230704837. However, lacking excavation, the exact location of underground features cannot be accurately, completely, and reliably depicted. Client understands only utility lines with imbedded electric tracer wires or utilities made of materials capable of electric connectivity can be marked at the surface and located. Depth of utilities may prohibit their location even with electric connectivity.
6. There is no visible evidence of earth moving, building construction or building additions within recent months.
7. There are no changes in street right of way lines either completed or proposed, and available from the controlling jurisdiction. Observable evidence of recent street or sidewalk construction or repairs if any, is shown.
8. List the current zoning classification, setback requirements, the height and floor space area restrictions, and parking requirements, if any. Identify the date and source of the zoning information.

The zoning information noted below is taken from the municipal code ordinance. It does not reflect all zoning restrictions that may apply. It is not intended to be used in lieu of a comprehensive zoning report as stated in ALTA Table A item 6(a) nor to be relied on for site development purposes.

Municipal Code: Sec. 28.068
Site is zoned: CC (Commercial Center District)
Front setback: 5 feet
Side setback: 5 feet
Rear setback: 20 feet
Maximum building height: 78 feet

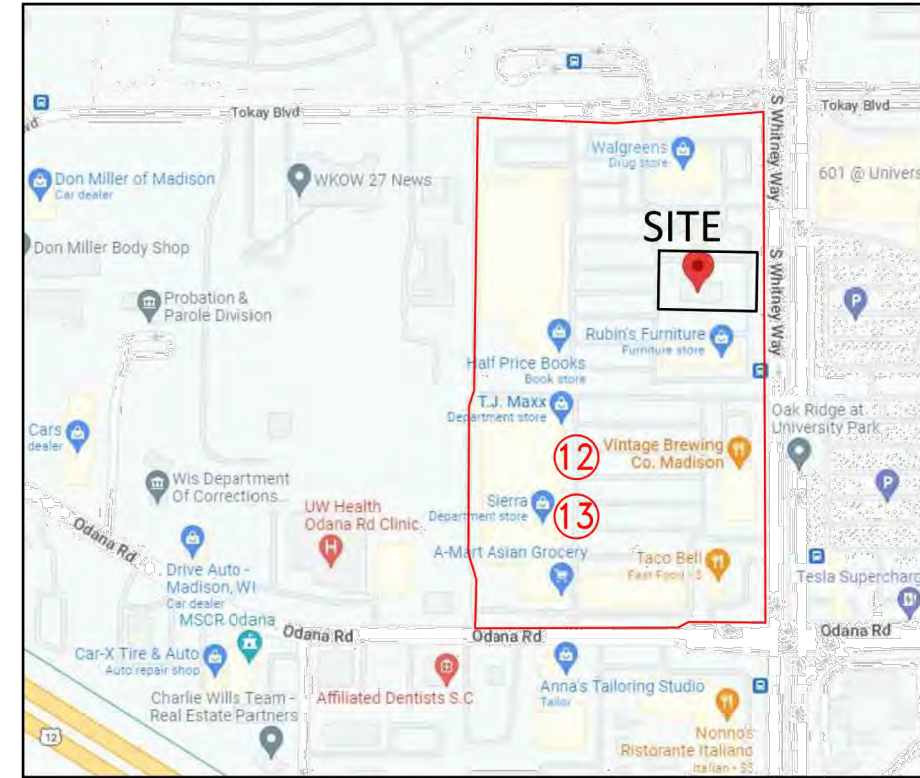
Project# 4395 (SANITARY)

PT. NO.	TYPE	RIM	DEPTH	DEPTH	DEPTH
6859	MH	1030.02	10.1	9.7	9.4
INVERT		1019.92	1020.32	1020.62	
SIZE		12"	15"	12"	
DIRECTION		E	W	NW	
TYPE		PVC	PVC	PVC	
6069	MH	1018.05	9.35		
INVERT		1008.7	1008.7	1008.8	
SIZE		12"	12"	12"	
DIRECTION		N	S	W	
TYPE		PVC	PVC	PVC	
6070	MH	1018.26	10.1	9.15	6.5
INVERT		1008.16	1008.16	1009.11	1011.76
SIZE		12"	12"	12"	12"
DIRECTION		N	S	W	W
TYPE		PVC	PVC	PVC	PVC

Project# 4395 (STORM)

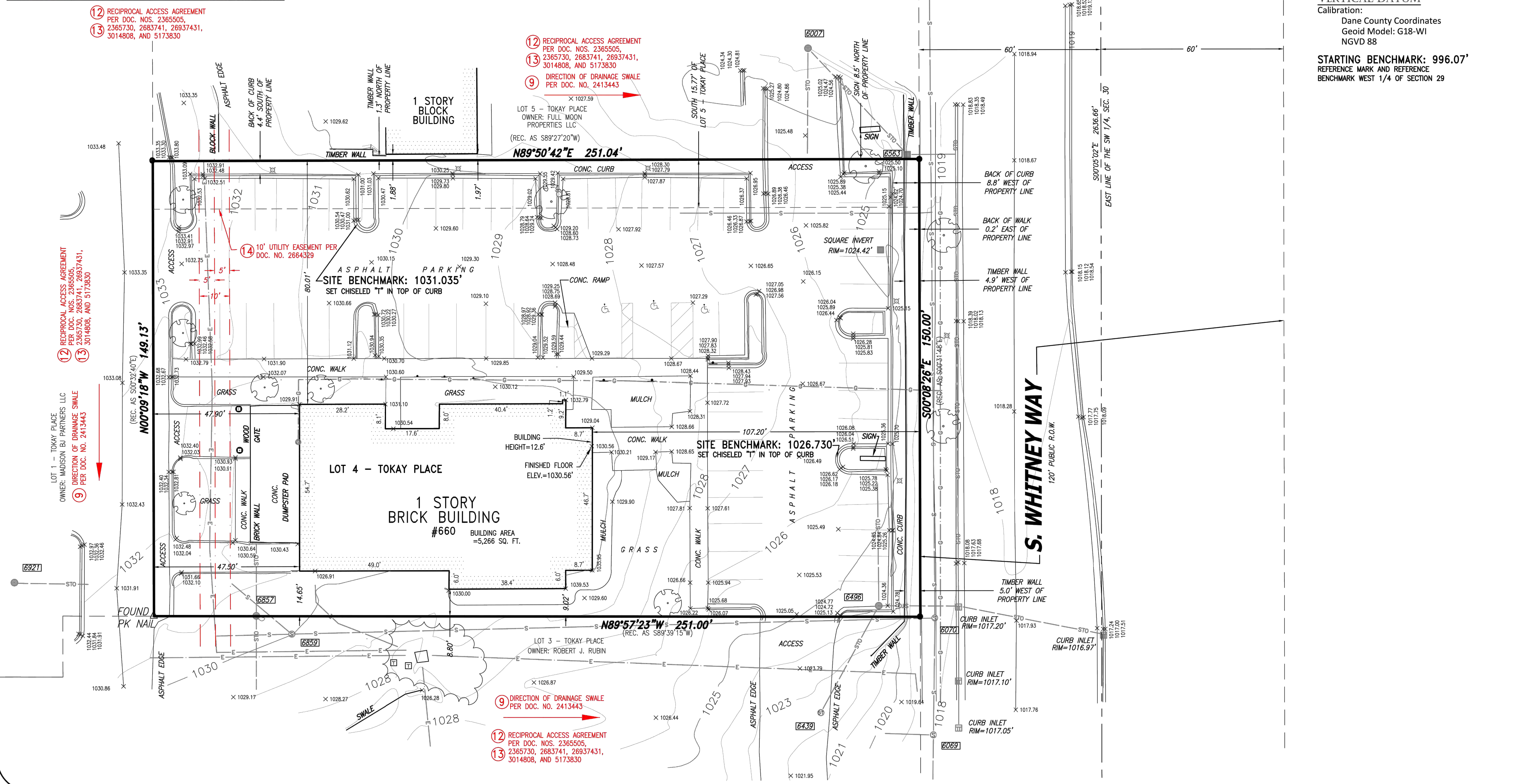
PT. NO.	TYPE	RIM	DEPTH	DEPTH	DEPTH
6921	ROUND INLET	1031.74	2.65		
INVERT		1029.09			
SIZE		15"			
DIRECTION					
TYPE					
6857	ROUND INLET	1030	4.4	8.5	8.6
INVERT		1025.6	1021.5	1021.4	
SIZE		15"	24"	24"	
DIRECTION		N	E	S	
TYPE		RCP	RCP	RCP	
6489	ROUND INLET	1022.5	4.85		
INVERT		1017.65			
SIZE		15"			
DIRECTION		NE			
TYPE		RCP	RCP	RCP	
6496	ROUND INLET	1024.18	10.3		
INVERT		1013.88	1013.88		
SIZE		15"			
DIRECTION		SW	N		
TYPE		RCP	RCP		
6563	SQUARE INLET	1024.18	8.2		
INVERT			1015.98		
SIZE		COULD NOT OPEN	TO BOTTOM		
DIRECTION					
TYPE					
6007	ROUND INLET	1023.14	3.2	1.5	
INVERT		1019.94	1021.64		
SIZE		10"	4"		
DIRECTION		SE	S		
TYPE		PVC	PVC		

VICINITY MAP



TOKAY BOULEVARD

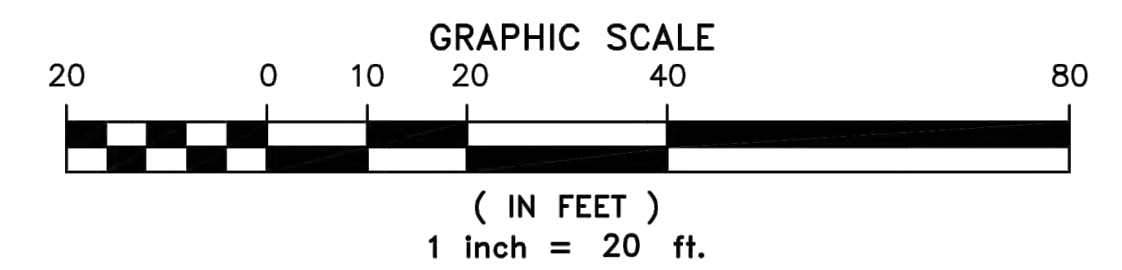
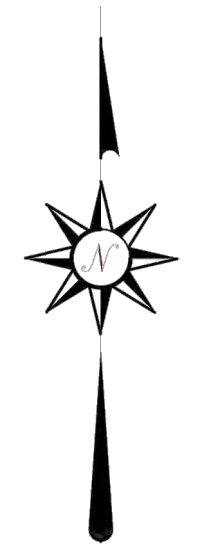
SOUTH RIGHT OF WAY LINE OF TOKAY BLVD. RIGHT OF WAY VARIES



VERTICAL DATUM

Calibration:
Dane County Coordinates
Geoid Model: G18-WI
NGVD 88

STARTING BENCHMARK: 996.07'
REFERENCE MARK AND REFERENCE BENCHMARK WEST 1/4 OF SECTION 29



TO: First American Title Insurance Company

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 2, 3, 4, 5, 7(a), 7(b)(1), 7(c), 8, 9, 11(a)(b), 12, 13, 14, 16, 17, 18, 19, 20(a) and 20(b) of Table A thereof. The field work was completed on February 20, 2023.

Date of Map: March 2, 2023



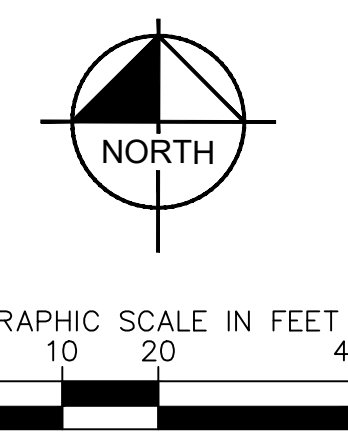
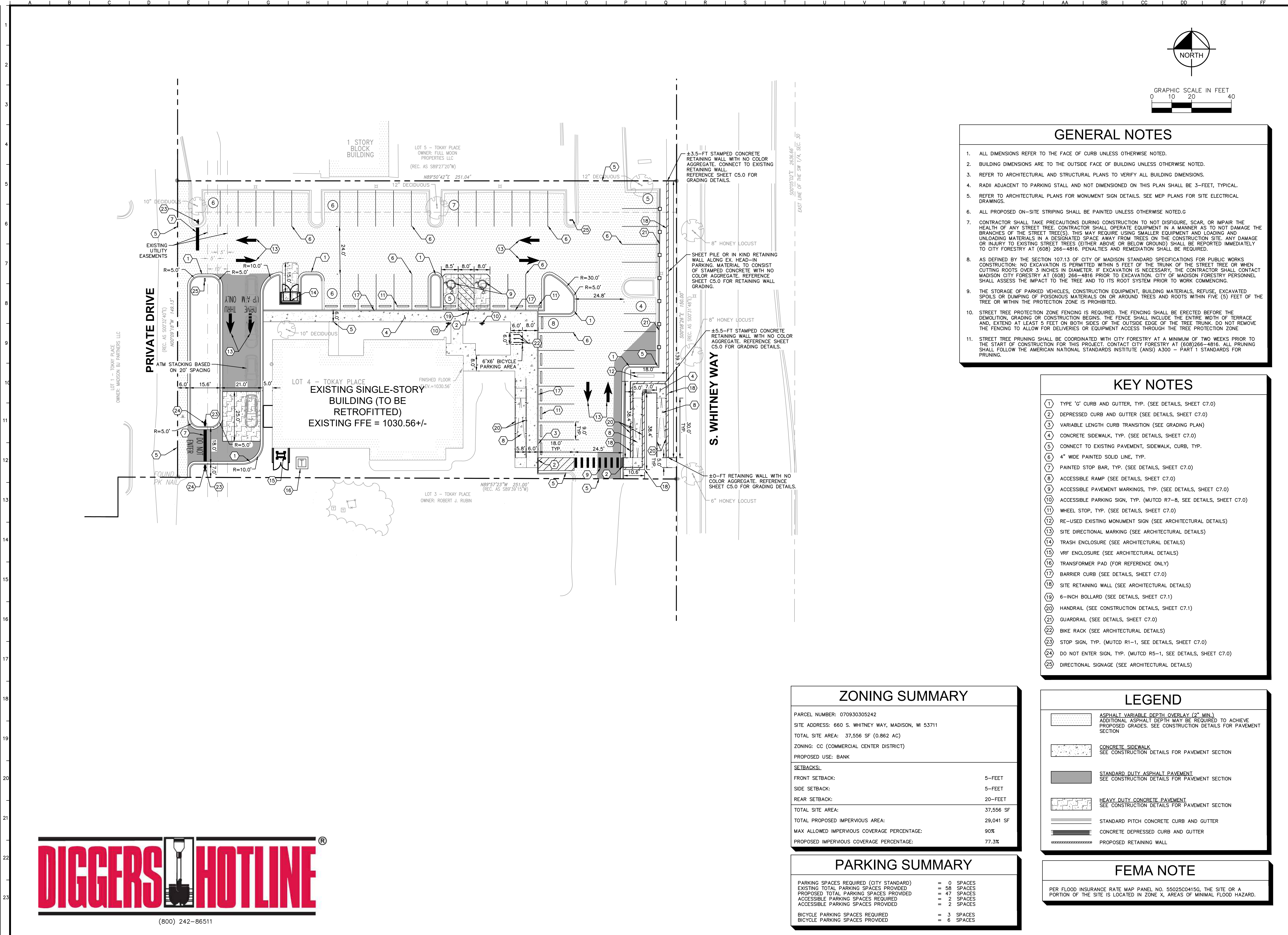
Daniel E. Bednar
Professional Land Surveyor
Registration Number S-2812

CHAPUT LAND SURVEYS

234 W. Florida Street Milwaukee, WI 53204 414-224-8068 www.chaputlandsurveys.com

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Drawing name: K:\GIS_DEV\16858057_Chase_Madison_WI2_Design\CAD\PlanSheets\Final\C3.0 - SITE PLAN.dwg C3.0 Nov 10, 2023 2:25pm by: Aesaf.Farooq
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- ### GENERAL NOTES
- ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
 - BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
 - REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
 - RADII ADJACENT TO PARKING STALL AND NOT DIMENSIONED ON THIS PLAN SHALL BE 3'-FEET, TYPICAL.
 - REFER TO ARCHITECTURAL PLANS FOR MONUMENT SIGN DETAILS. SEE MEP PLANS FOR SITE ELECTRICAL DRAWINGS.
 - ALL PROPOSED ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.G
 - CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
 - AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING.
 - THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.
 - STREET TREE PROTECTION ZONE FENCING IS REQUIRED. THE FENCING SHALL BE ERECTED BEFORE THE DEMOLITION, GRADING OR CONSTRUCTION BEGINS. THE FENCE SHALL INCLUDE THE ENTIRE WIDTH OF TERRACE AND, EXTEND AT LEAST 5 FEET ON BOTH SIDES OF THE OUTSIDE EDGE OF THE TREE TRUNK. DO NOT REMOVE THE FENCING TO ALLOW FOR DELIVERIES OR EQUIPMENT ACCESS THROUGH THE TREE PROTECTION ZONE
 - STREET TREE PRUNING SHALL BE COORDINATED WITH CITY FORESTRY AT A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT. CONTACT CITY FORESTRY AT (608)266-4816. ALL PRUNING SHALL FOLLOW THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 - PART 1 STANDARDS FOR PRUNING.

- ### KEY NOTES
- TYPE 'G' CURB AND GUTTER, TYP. (SEE DETAILS, SHEET C7.0)
 - DEPRESSED CURB AND GUTTER (SEE DETAILS, SHEET C7.0)
 - VARIABLE LENGTH CURB TRANSITION (SEE GRADING PLAN)
 - CONCRETE SIDEWALK, TYP. (SEE DETAILS, SHEET C7.0)
 - CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
 - 4" WIDE PAINTED SOLID LINE, TYP.
 - PAINTED STOP BAR, TYP. (SEE DETAILS, SHEET C7.0)
 - ACCESSIBLE RAMP (SEE DETAILS, SHEET C7.0)
 - ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS, SHEET C7.0)
 - ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS, SHEET C7.0)
 - WHEEL STOP, TYP. (SEE DETAILS, SHEET C7.0)
 - RE-USED EXISTING MONUMENT SIGN (SEE ARCHITECTURAL DETAILS)
 - SITE DIRECTIONAL MARKING (SEE ARCHITECTURAL DETAILS)
 - TRASH ENCLOSURE (SEE ARCHITECTURAL DETAILS)
 - VRF ENCLOSURE (SEE ARCHITECTURAL DETAILS)
 - TRANSFORMER PAD (FOR REFERENCE ONLY)
 - BARRIER CURB (SEE DETAILS, SHEET C7.0)
 - SITE RETAINING WALL (SEE ARCHITECTURAL DETAILS)
 - 6-INCH BOLLARD (SEE DETAILS, SHEET C7.1)
 - HANDRAIL (SEE CONSTRUCTION DETAILS, SHEET C7.1)
 - GUARDRAIL (SEE DETAILS, SHEET C7.0)
 - BIKE RACK (SEE ARCHITECTURAL DETAILS)
 - STOP SIGN, TYP. (MUTCD R1-1, SEE DETAILS, SHEET C7.0)
 - DO NOT ENTER SIGN, TYP. (MUTCD R5-1, SEE DETAILS, SHEET C7.0)
 - DIRECTIONAL SIGNAGE (SEE ARCHITECTURAL DETAILS)

ZONING SUMMARY

PARCEL NUMBER: 070930305242
 SITE ADDRESS: 660 S. WHITNEY WAY, MADISON, WI 53711
 TOTAL SITE AREA: 37,556 SF (0.862 AC)
 ZONING: CC (COMMERCIAL CENTER DISTRICT)
 PROPOSED USE: BANK

FRONT SETBACK:	5-FEET
SIDE SETBACK:	5-FEET
REAR SETBACK:	20-FEET
TOTAL SITE AREA:	37,556 SF
TOTAL PROPOSED IMPERVIOUS AREA:	29,041 SF
MAX ALLOWED IMPERVIOUS COVERAGE PERCENTAGE:	90%
PROPOSED IMPERVIOUS COVERAGE PERCENTAGE:	77.3%

PARKING SUMMARY

PARKING SPACES REQUIRED (CITY STANDARD)	= 0 SPACES
EXISTING TOTAL PARKING SPACES PROVIDED	= 58 SPACES
PROPOSED TOTAL PARKING SPACES PROVIDED	= 47 SPACES
ACCESSIBLE PARKING SPACES REQUIRED	= 2 SPACES
ACCESSIBLE PARKING SPACES PROVIDED	= 2 SPACES
BICYCLE PARKING SPACES REQUIRED	= 3 SPACES
BICYCLE PARKING SPACES PROVIDED	= 6 SPACES

LEGEND

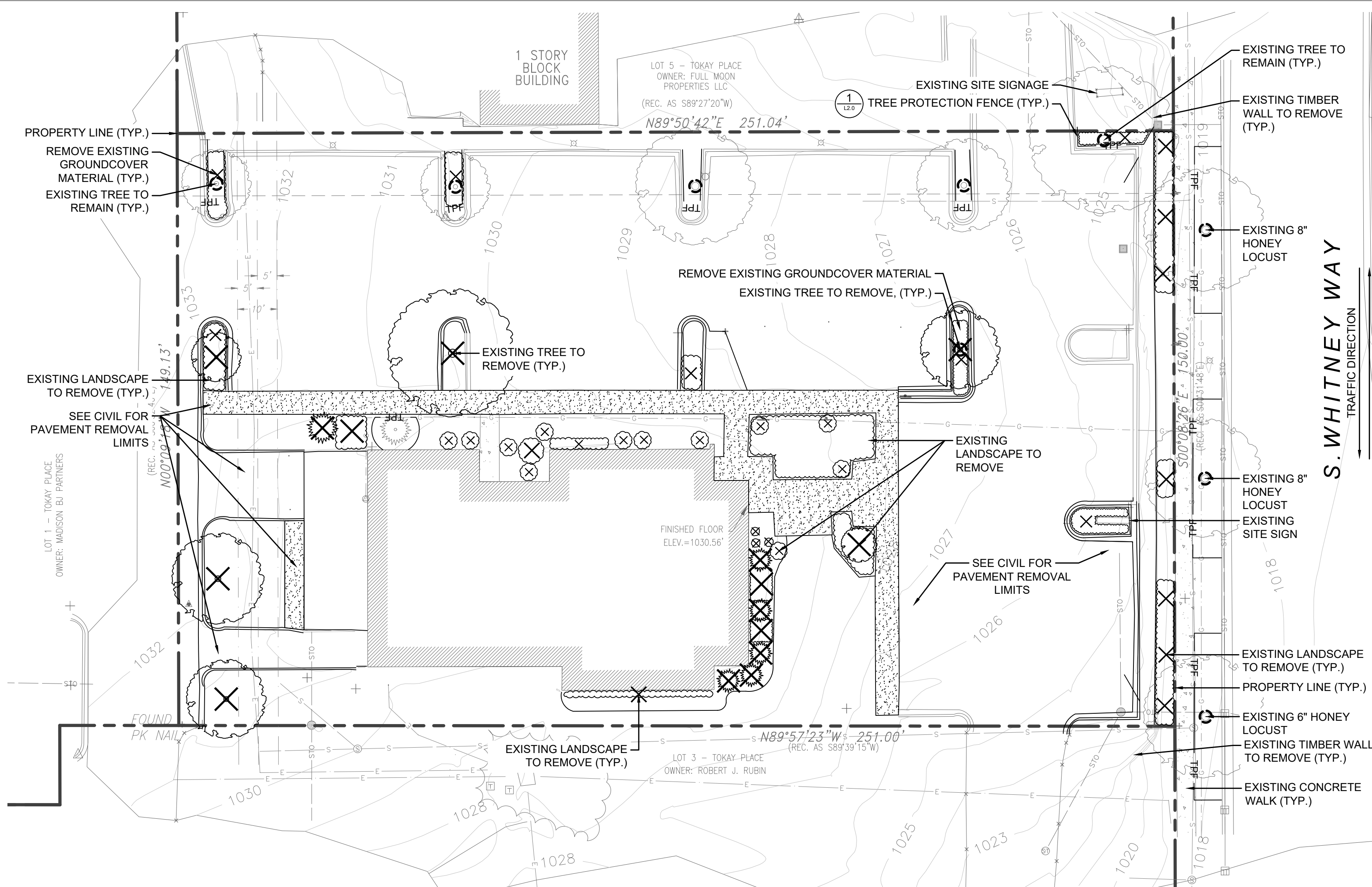
	ASPHALT VARIABLE DEPTH OVERLAY (2" MIN.) ADDITIONAL ASPHALT DEPTH MAY BE REQUIRED TO ACHIEVE PROPOSED GRADES. SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	CONCRETE SIDEWALK SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	STANDARD DUTY ASPHALT PAVEMENT SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	HEAVY DUTY CONCRETE PAVEMENT SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	STANDARD PITCH CONCRETE CURB AND GUTTER
	CONCRETE DEPRESSED CURB AND GUTTER
	PROPOSED RETAINING WALL

FEMA NOTE

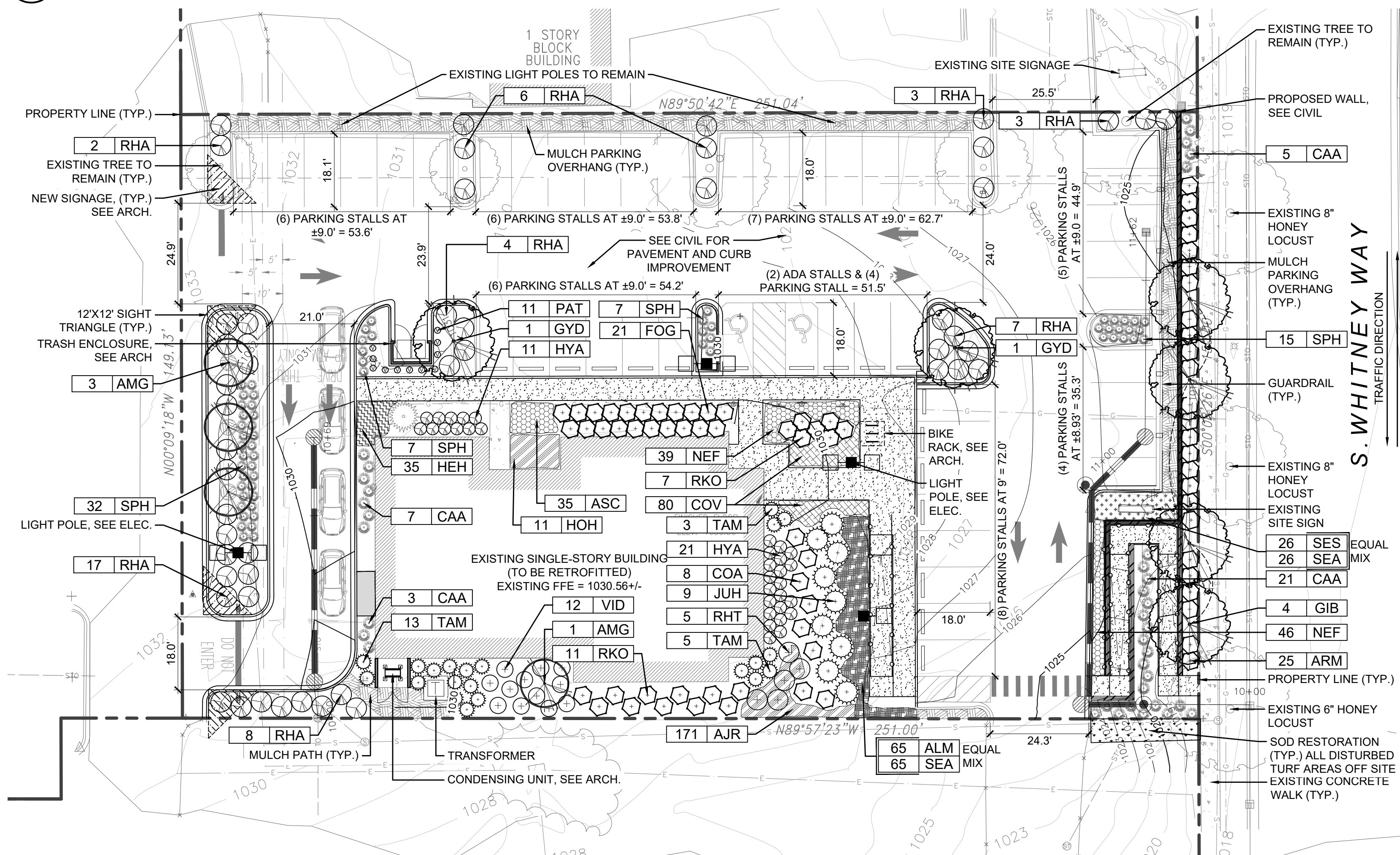
PER FLOOD INSURANCE RATE MAP PANEL NO. 55025C04156, THE SITE OR A PORTION OF THE SITE IS LOCATED IN ZONE X, AREAS OF MINIMAL FLOOD HAZARD.

 © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 4201 WINFIELD ROAD, SUITE 600 MADISON, WI 53711 PHONE: 608-487-2550 WWW.KIMLEY-HORN.COM	REVISIONS No. _____ DATE _____ BY _____
SCALE: AS NOTED DESIGNED BY: JRS DRAWN BY: JRS CHECKED BY: TJS	 CHASE BANK 660 S. WHITNEY WAY MADISON, WI 53711
SITE PLAN	
ORIGINAL ISSUE: 10/20/23 KHA PROJECT NO. 168558057 SHEET NUMBER C3.0	

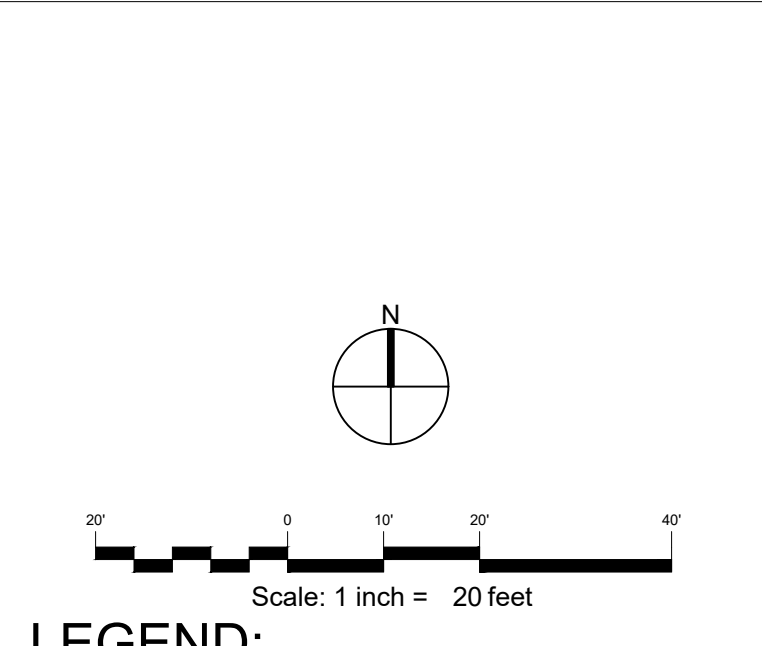




1 TREE PRESERVATION PLAN
SCALE: 1" = 10'-0"



2 LANDSCAPE PLAN
SCALE: 1" = 10'-0"



LEGEND:

- PROPERTY LINE
- [Hatched Box] EXISTING BUILDING
- [Dotted Box] EXISTING CONCRETE WALK
- [Cross-hatched Box] REMOVE CONCRETE WALK AND BASE, SEE CIVIL
- [Double Line] REMOVE CONCRETE CURB AND GUTTER, SEE CIVIL
- [Circle with X] EXISTING TREE TO REMAIN
- [Circle with X and slash] EXISTING TREE TO BE REMOVED
- [Circle with X and dot] EXISTING LANDSCAPE TO REMAIN
- [Circle with X and slash and dot] EXISTING LANDSCAPE TO BE REMOVED
- TPF TREE PROTECTION FENCE
- [Circle] ITEM TO REMAIN AND BE PROTECTED
- [Grey Box] BUILDING ADDITION
- [Hatched Box] WALL, SEE CIVIL
- [Hatched Box] TRASH ENCLOSURE AND UTILITY ENCLOSURE WALLS, SEE ARCH.
- [Dotted Box] CONCRETE WALK AND BASE
- [Double Line] CONCRETE CURB AND GUTTER
- [Line with dots] HANDRAIL, SEE CIVIL
- [Square] GUARD RAIL
- [Line with squares] BIKE RACKS
- [Square] LIGHT
- [Circle with lines] SHADE TREE
- [Circle with lines] ORNAMENTAL TREE
- [Circle with lines] DECIDUOUS SHRUBS
- [Circle with lines] EVERGREEN SHRUBS
- [Circle with lines] ORNAMENTAL GRASSES
- [Circle with lines] VINES
- [Dotted Box] SOD RESTORATION
- [Hatched Box] PERENNIAL / GROUND COVER AREAS
- [Hatched Box] MULCH, 3" DEPTH
- [Triangle] 12' X 12' SIGHT TRIANGLE

Landscape Requirements

Chase Bank - 660 S. Whitney Way Madison, WI 53711

Zoning:	RMX
Site Area:	36,543 SF (0.83 AC)
Building Footprint:	5,266 SF
Total Developed Area:	31,278 SF
Total Parking:	46 Stalls (Includes 3 ADA)

FRONTAGE LANDSCAPE
Requirement: 1 Shade tree and 5 shrubs per 30 LF of lot frontage (5 shade trees required, 25 shrubs required).
150 LF along S. Whitney Way requires 5 Trees and 25 Shrubs

1	Existing Trees		
4	Trees Provided		
5	Total Trees Provided	5	Required Trees
25	Shrubs Provided		
25	Total Shrubs Provided	25	Required Shrubs

INTERIOR PARKING LANDSCAPE
Requirement: Changes to developed site required 5% of pavement area shall be landscaped. (1) Shade tree for every 160 SF of required landscape area.
18,889 SF Parking pavement requires 944.97 SF of interior landscape area and (5.9) trees

Landscaped Areas:	2,500 SF Provided	945 SF Required
965.25 SF Interior Landscape area requires 6.0 interior trees.		
4	Existing Trees	
2	Trees Provided	
6	Total Trees Provided	5.9 Trees Required

FOUNDATION LANDSCAPE
Requirement: Shrubs and perennials shall be provided along building facades.

1	Existing Evergreen Shrubs	
1	Ornamental Tree	
88	Deciduous Shrubs Provided	
77	Perennial/Grasses Provided	

SCREENING LANDSCAPE
Requirement: 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.

13	Evergreen Shrubs	
----	------------------	--

NOTE:
SEE LANDSCAPE NOTES ON L2.0 - LANDSCAPE DETAILS SHEET.

PLANT SCHEDULE

Qty.	Key	Botanical name	Common name	Size at Planting	Notes
SHADE TREES					
4	GIB	Ginkgo biloba "Autumn Gold" (Male)	Autumn Gold Ginkgo	2.5" BB	Central Leader
2	GYD	Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffeetree	2.5" BB	Central Leader
6		TOTAL SHADE TREES			
ORNAMENTAL TREES					
4	AMG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	8" BB	Central Leader
4		TOTAL ORNAMENTAL TREES			
EVERGREEN SHRUBS					
9	JUH	Juniperus horizontalis 'Wiltonii'	Blue Rug Juniper	#5 Cont.	5' o.c.
21	TAM	Taxus media "Densiformis"	Dense Yew	24" BB	4' o.c.
30		TOTAL EVERGREEN SHRUBS			
DECIDUOUS SHRUBS					
25	ARM	Aronia melanocarpa 'Iroquois Beauty'	Iroquois Beauty Chokeberry	24" BB	4' o.c.
8	COA	Cotoneaster adpressus	Creeping Cotoneaster	24" BB	6' o.c.
21	FOG	Fothergilla gardenii	Dwarf Fothergilla	#5 Cont.	Min. 18" ht., 3' o.c.
11	HYA	Hydrangea arborescens "NCHA5"	Invincibelle Wee White®	#5 Cont.	4' o.c.
50	RHA	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#5 Cont.	5' o.c.
5	RHT	Rhus typhina 'Tiger Eyes'	Tiger Eyes Sumac	24" BB	6' o.c.
18	RKO	Rosa "Knockout"	Knockout Rose	#5 Cont.	4' o.c.
12	VID	Viburnum dentatum "Blue Muffin"	Blue Muffin Arrowwood Viburnum	24" BB	5' o.c.
150		TOTAL DECIDUOUS SHRUBS			
PERENNIALS AND ORNAMENTAL GRASSES					
171	AJR	Ajuga reptans "Black Scallop"	Black Scallop Ajuga	3" Pot / Flat 12" o.c.	
66	ALM	Allium 'M'Gsmmpkb 13'	Summer Peek-A-Boo Allium	#1 Cont.	18" o.c.
35	ASC	Astilbe chinensis 'Vision in Pink'	Vision in Pink Astilbe	#1 Cont.	18" o.c.
36	CAA	Calamagrostis acutiflora "Karl Foerster"	Karl Foerster Feather Reed Grass	#1 Cont.	3' o.c.
80	COV	Coreopsis verticillata 'Zagreb'	Zagreb Coreopsis	#1 Cont.	18" o.c.
35	HEH	Hemerocallis "Happy Returns"	Happy Returns Daylily	#1 Cont.	18" o.c.
11	HOH	Hosta 'Halcyon'	Halcyon Hosta	#1 Cont.	36" o.c.
85	NEF	Nepeta racemosa "Walker's Low"	Walker's Low Catmint	#1 Cont.	18" o.c.
26	SES	Sedum spectabile 'Neon'	Neon Sedum	#1 Cont.	18" o.c.
92	SEA	Sesleria autumnalis	Autumn Moor Grass	#1 Cont.	18" o.c.
61	SPH	Sporobolus heterolepis	Prairie Dropseed	#1 Cont.	30" o.c.
698		TOTAL PERENNIALS AND ORNAMENTAL GRASSES			
VINES					
11	PAT	Parthenocissus tricuspidata	Boston Ivy	#1 Cont.	3' o.c., 6" off wall
11		TOTAL VINES			



CHASE BANK
660 S. Whitney Way
Madison, WI 53711

Project Team

LANDSCAPE ARCHITECT



ARCHITECT

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Revisions

Date	Issue
5/30/2023	SUBMITTAL REVIEW
6/23/2023	SUBMITTAL REVIEW
9/6/2023	SUBMITTAL REVIEW
10/10/2023	REVIEW SET
10/23/2023	ISSUE FOR PERMIT/BID

Stamp

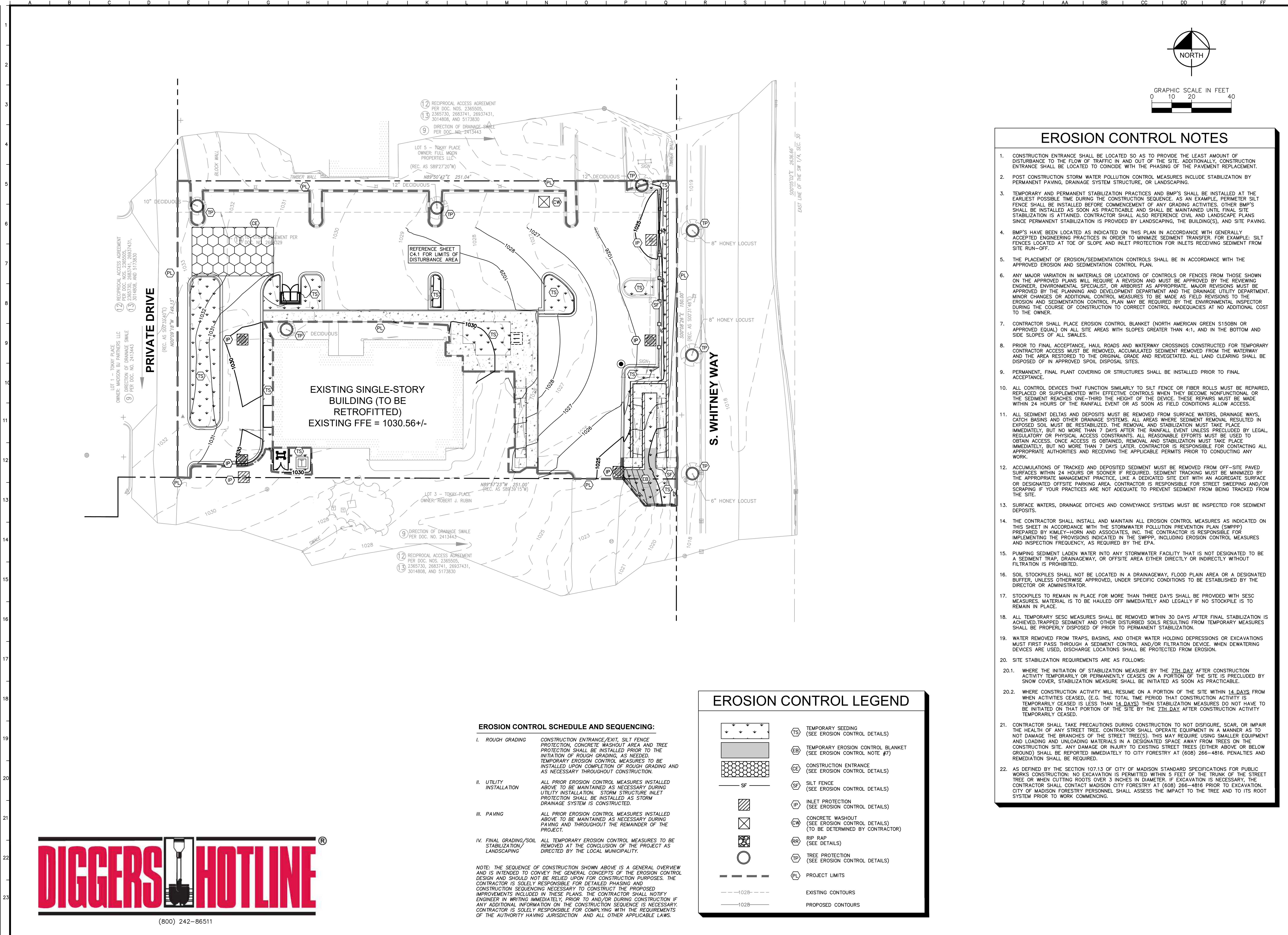


Title
LANDSCAPE PLAN

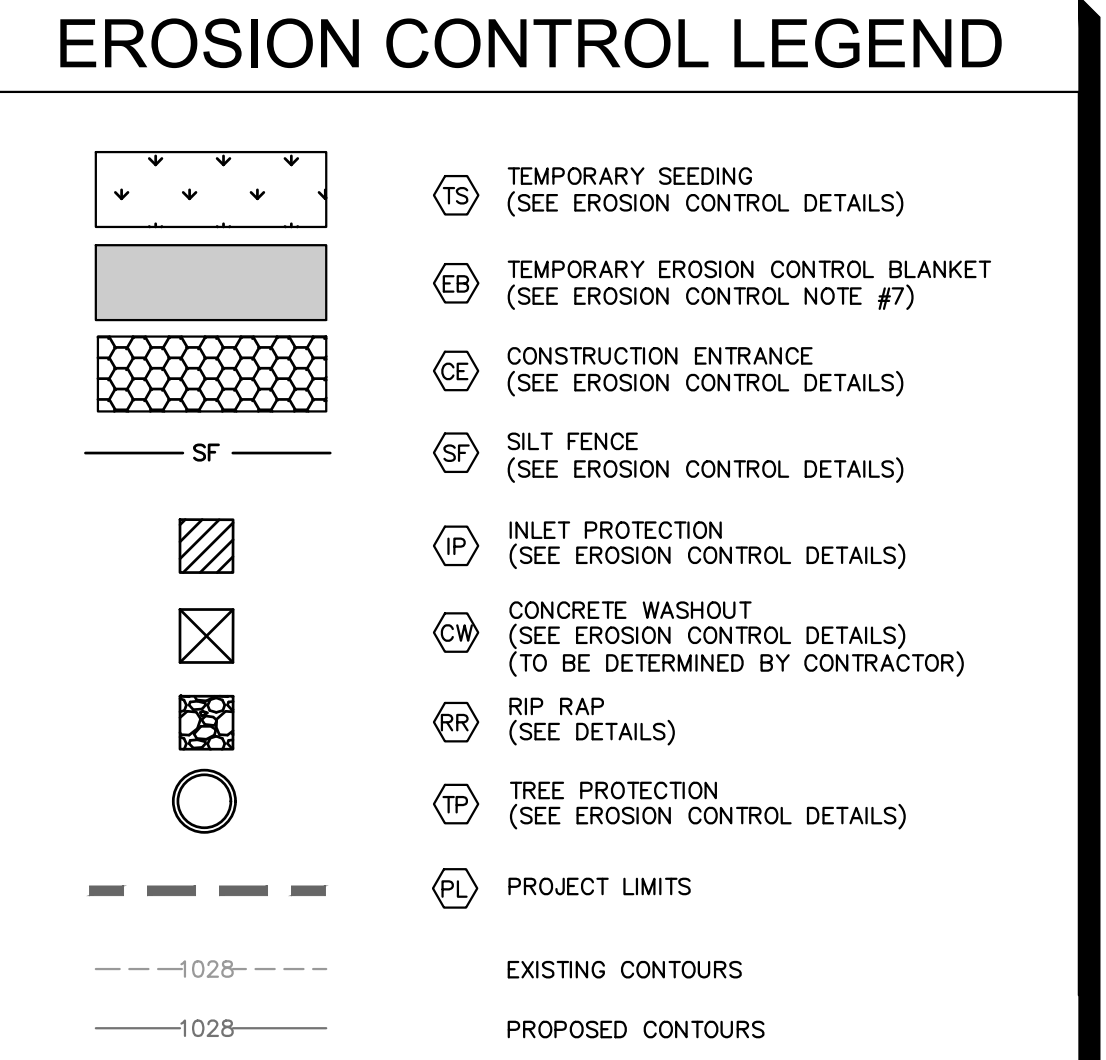
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Drawing name: K:\CHS_LDEV\168558057_Chase_Madison_W\2 Design\CAD\PlanSheets\Final\C4.0 - EROSION CONTROL PLAN.dwg CA.0 Nov 10, 2023 2:25pm by: Anele Felbo
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- ### EROSION CONTROL NOTES
1. CONSTRUCTION ENTRANCE SHALL BE LOCATED SO AS TO PROVIDE THE LEAST AMOUNT OF DISTURBANCE TO THE FLOW OF TRAFFIC IN AND OUT OF THE SITE. ADDITIONALLY, CONSTRUCTION ENTRANCE SHALL BE LOCATED TO COINCIDE WITH THE PHASING OF THE PAVEMENT REPLACEMENT.
 2. POST CONSTRUCTION STORM WATER POLLUTION CONTROL MEASURES INCLUDE STABILIZATION BY PERMANENT PAVING, DRAINAGE SYSTEM STRUCTURE, OR LANDSCAPING.
 3. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDING(S), AND SITE PAVING.
 4. BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE: SILT FENCES LOCATED AT TOE OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF.
 5. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
 6. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST, OR ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE PLANNING AND DEVELOPMENT DEPARTMENT AND THE DRAINAGE UTILITY DEPARTMENT. MINOR CHANGES OR ADDITIONAL CONTROL MEASURES TO BE MADE AS FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES AT NO ADDITIONAL COST TO THE OWNER.
 7. CONTRACTOR SHALL PLACE EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S150BN OR APPROVED EQUAL) ON ALL SITE AREAS WITH SLOPES GREATER THAN 4:1, AND IN THE BOTTOM AND SIDE SLOPES OF ALL SWALES.
 8. PRIOR TO FINAL ACCEPTANCE, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
 9. PERMANENT, FINAL PLANT COVERING OR STRUCTURES SHALL BE INSTALLED PRIOR TO FINAL ACCEPTANCE.
 10. ALL CONTROL DEVICES THAT FUNCTION SIMILARLY TO SILT FENCE OR FIBER ROLLS MUST BE REPAIRED, REPLACED OR SUPPLEMENTED WITH EFFECTIVE CONTROLS WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES ONE-THIRD THE HEIGHT OF THE DEVICE. THESE REPAIRS MUST BE MADE WITHIN 24 HOURS OF THE RAINFALL EVENT OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.
 11. ALL SEDIMENT DELTAS AND DEPOSITS MUST BE REMOVED FROM SURFACE WATERS, DRAINAGE WAYS, CATCH BASINS AND OTHER DRAINAGE SYSTEMS. ALL AREAS WHERE SEDIMENT REMOVAL RESULTED IN EXPOSED SOIL MUST BE RESTABILIZED. THE REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO LATER THAN 7 DAYS AFTER THE RAINFALL EVENT UNLESS PRECLUDED BY LEGAL, REGULATORY OR PHYSICAL ACCESS CONSTRAINTS. ALL REASONABLE EFFORTS MUST BE USED TO OBTAIN ACCESS. ONCE ACCESS IS OBTAINED, REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS LATER. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL APPROPRIATE AUTHORITIES AND RECEIVING THE APPLICABLE PERMITS PRIOR TO CONDUCTING ANY WORK.
 12. ACCUMULATIONS OF TRACKED AND DEPOSITED SEDIMENT MUST BE REMOVED FROM OFF-SITE PAVED SURFACES WITHIN 24 HOURS OR SOONER IF REQUIRED. SEDIMENT TRACKING MUST BE MINIMIZED BY THE APPROPRIATE MANAGEMENT PRACTICE, LIKE A DEDICATED SITE EXIT WITH AN AGGREGATE SURFACE OR DESIGNATED OFFSITE PARKING AREA. CONTRACTOR IS RESPONSIBLE FOR STREET SWEEPING AND/OR SCRAPING IF YOUR PRACTICES ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED FROM THE SITE.
 13. SURFACE WATERS, DRAINAGE DITCHES AND CONVEYANCE SYSTEMS MUST BE INSPECTED FOR SEDIMENT DEPOSITS.
 14. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS INDICATED ON THIS SHEET IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE PROVISIONS INDICATED IN THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND INSPECTION FREQUENCY, AS REQUIRED BY THE EPA.
 15. PUMPING SEDIMENT LADEN WATER INTO ANY STORMWATER FACILITY THAT IS NOT DESIGNATED TO BE A SEDIMENT TRAP, DRAINAGEWAY, OR OFFSITE AREA EITHER DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED.
 16. SOIL STOCKPILES SHALL NOT BE LOCATED IN A DRAINAGEWAY, FLOOD PLAIN AREA OR A DESIGNATED BUFFER, UNLESS OTHERWISE APPROVED, UNDER SPECIFIC CONDITIONS TO BE ESTABLISHED BY THE DIRECTOR OR ADMINISTRATOR.
 17. STOCKPILES TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE PROVIDED WITH SESC MEASURES. MATERIAL IS TO BE HAULED OFF IMMEDIATELY AND LEGALLY IF NO STOCKPILE IS TO REMAIN IN PLACE.
 18. ALL TEMPORARY SESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.
 19. WATER REMOVED FROM TRAPS, BASINS, AND OTHER WATER HOLDING DEPRESSIONS OR EXCAVATIONS MUST FIRST PASS THROUGH A SEDIMENT CONTROL AND/OR FILTRATION DEVICE. WHEN DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION.
 20. SITE STABILIZATION REQUIREMENTS ARE AS FOLLOWS:
 - 20.1. WHERE THE INITIATION OF STABILIZATION MEASURE BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES ON A PORTION OF THE SITE IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURE SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - 20.2. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 14 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.
 21. CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
 22. AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING.



EROSION CONTROL SCHEDULE AND SEQUENCING:

<p>I. ROUGH GRADING</p> <p>II. UTILITY INSTALLATION</p> <p>III. PAVING</p> <p>IV. FINAL GRADING/SOIL STABILIZATION/LANDSCAPING</p>	<p>CONSTRUCTION ENTRANCE/EXIT, SILT FENCE PROTECTION, CONCRETE WASHOUT AREA AND TREE PROTECTION SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING, AS NEEDED. TEMPORARY EROSION CONTROL MEASURES TO BE INSTALLED UPON COMPLETION OF ROUGH GRADING AND AS NECESSARY THROUGHOUT CONSTRUCTION.</p> <p>ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING UTILITY INSTALLATION. STORM STRUCTURE INLET PROTECTION SHALL BE INSTALLED AS STORM DRAINAGE SYSTEM IS CONSTRUCTED.</p> <p>ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING PAVING AND THROUGHOUT THE REMAINDER OF THE PROJECT.</p> <p>ALL TEMPORARY EROSION CONTROL MEASURES TO BE REMOVED AT THE CONCLUSION OF THE PROJECT AS DIRECTED BY THE LOCAL MUNICIPALITY.</p>
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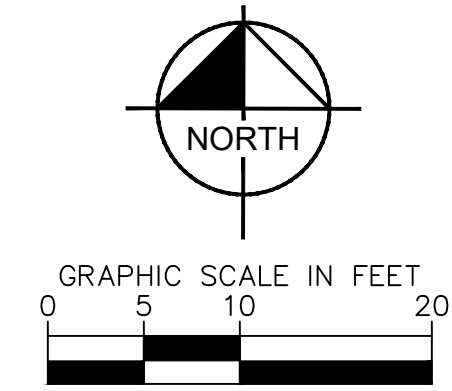
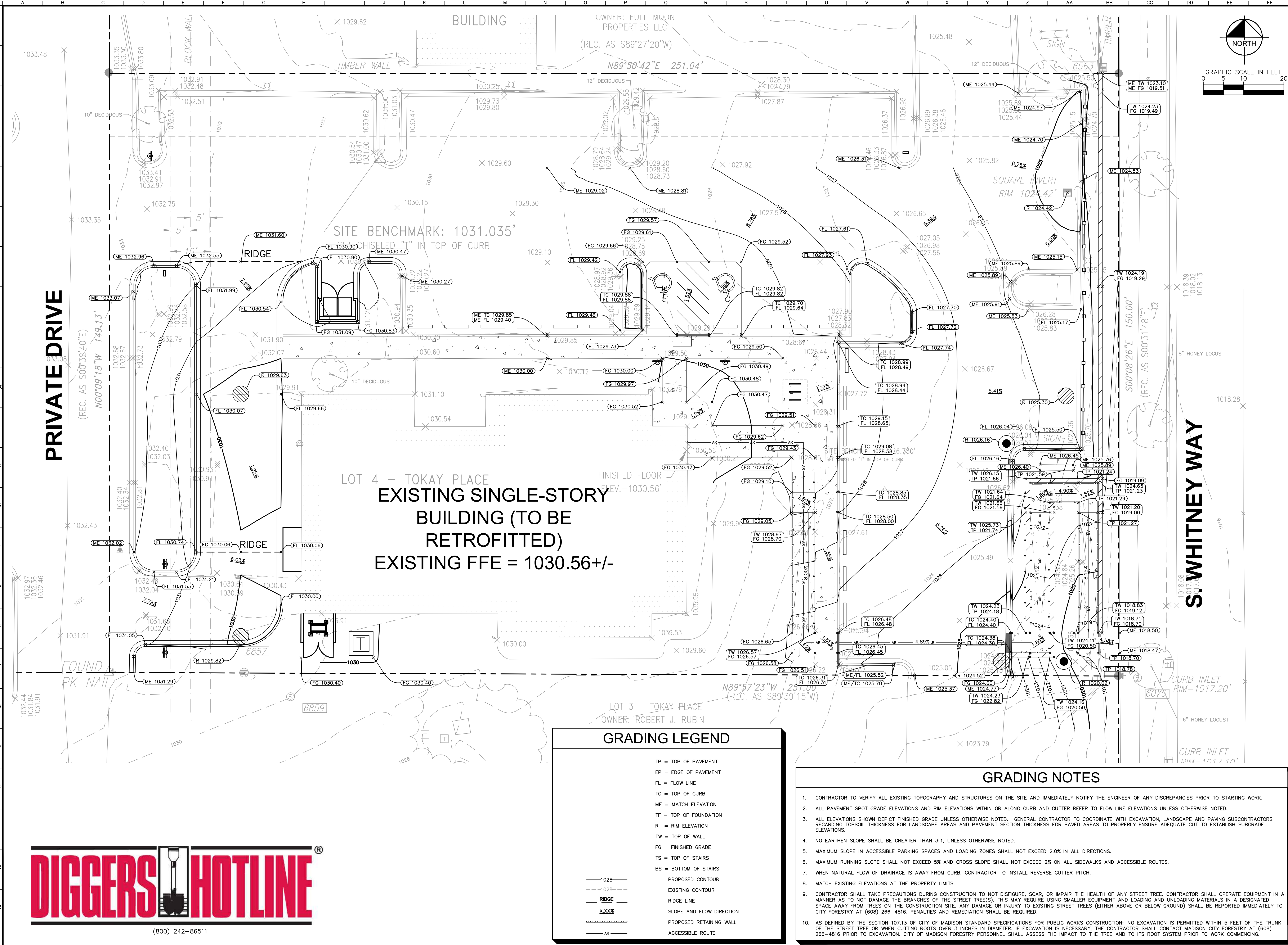
NOTE: THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.



(800) 242-86511

<p style="font-size: small;">© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 4201 WINFIELD ROAD, SUITE 600 MADISON, WI 53711 PHONE: 608-487-2550 WWW.KIMLEY-HORN.COM</p>	<p style="font-size: small;">SCALE: AS NOTED DESIGNED BY: JRS DRAWN BY: JRS CHECKED BY: TJS</p>
<p style="font-size: x-large; font-weight: bold;">CHASE BANK</p> <p style="font-size: small;">660 S. WHITNEY WAY MADISON, WI 53711</p>	<p style="font-size: x-large; font-weight: bold;">EROSION CONTROL PLAN</p>
<p style="font-size: small;">ORIGINAL ISSUE: 10/20/23 KHA PROJECT NO. 168558057 SHEET NUMBER</p>	
<p style="font-size: x-large; font-weight: bold;">C4.0</p>	
<p style="font-size: small;">NO. _____</p> <p style="font-size: small;">DATE _____</p> <p style="font-size: small;">BY _____</p>	

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PRIVATE DRIVE

S. WHITNEY WAY

LOT 4 - TOKAY PLACE
EXISTING SINGLE-STORY
BUILDING (TO BE
RETROFITTED)
EXISTING FFE = 1030.56 +/-

GRADING LEGEND

TP	=	TOP OF PAVEMENT
EP	=	EDGE OF PAVEMENT
FL	=	FLOW LINE
TC	=	TOP OF CURB
TF	=	TOP OF FOUNDATION
R	=	RIM ELEVATION
TW	=	TOP OF WALL
FG	=	FINISHED GRADE
TS	=	TOP OF STAIRS
BS	=	BOTTOM OF STAIRS
	=	PROPOSED CONTOUR
	=	EXISTING CONTOUR
	=	RIDGE LINE
	=	SLOPE AND FLOW DIRECTION
	=	PROPOSED RETAINING WALL
	=	ACCESSIBLE ROUTE

GRADING NOTES

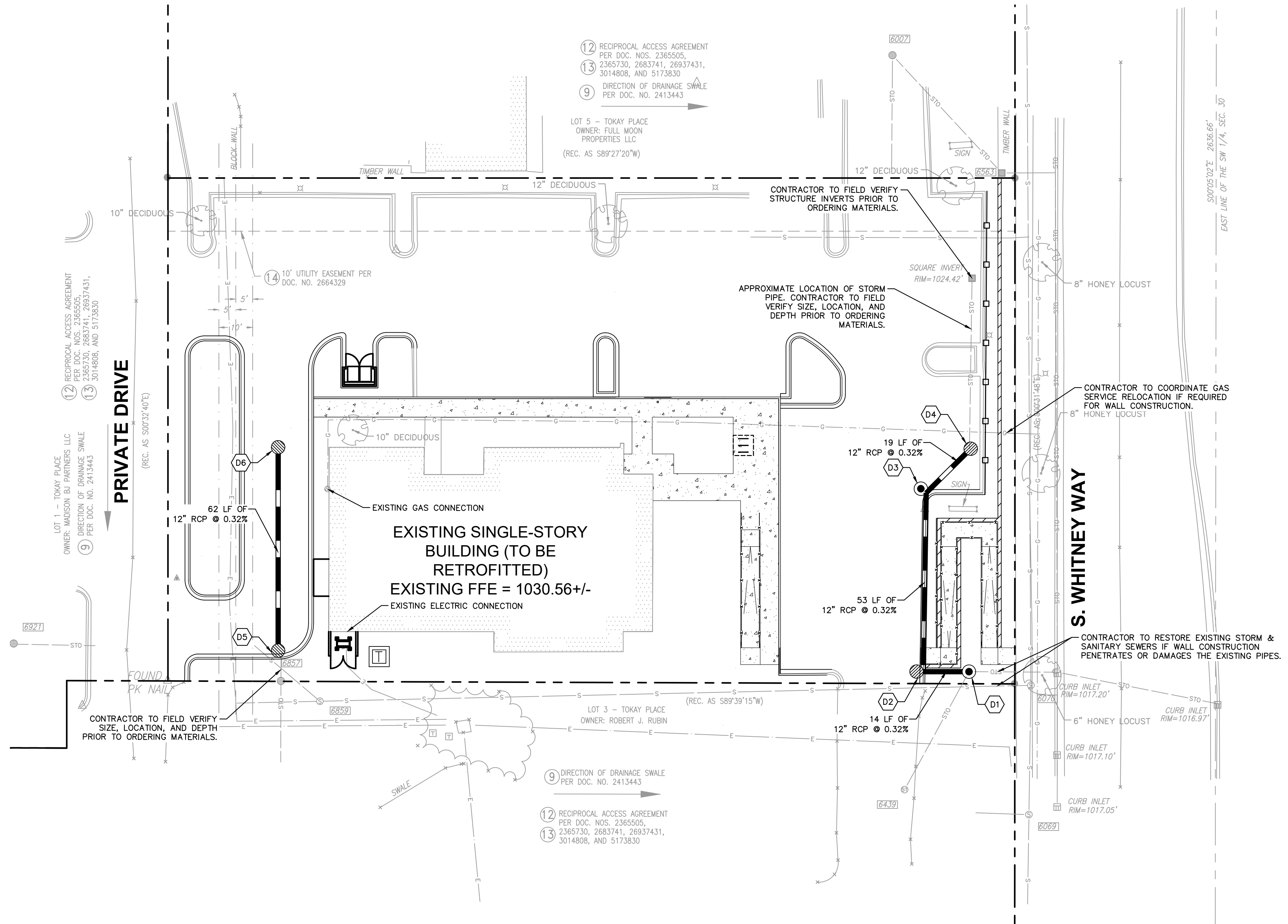
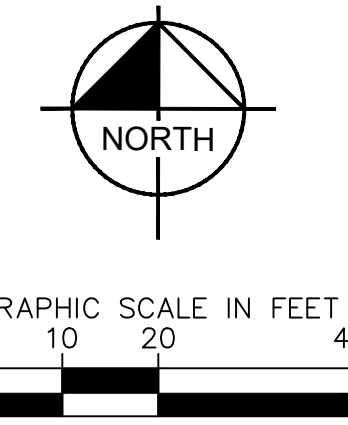
- CONTRACTOR TO VERIFY ALL EXISTING TOPOGRAPHY AND STRUCTURES ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
- ALL PAVEMENT SPOT GRADE ELEVATIONS AND RIM ELEVATIONS WITHIN OR ALONG CURB AND GUTTER REFER TO FLOW LINE ELEVATIONS UNLESS OTHERWISE NOTED.
- ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH EXCAVATION, LANDSCAPE AND PAVING SUBCONTRACTORS REGARDING TOPSOIL THICKNESS FOR LANDSCAPE AREAS AND PAVEMENT SECTION THICKNESS FOR PAVED AREAS TO PROPERLY ENSURE ADEQUATE CUT TO ESTABLISH SUBGRADE ELEVATIONS.
- NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
- MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
- MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.
- WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE GUTTER PITCH.
- MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.
- CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
- AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING.



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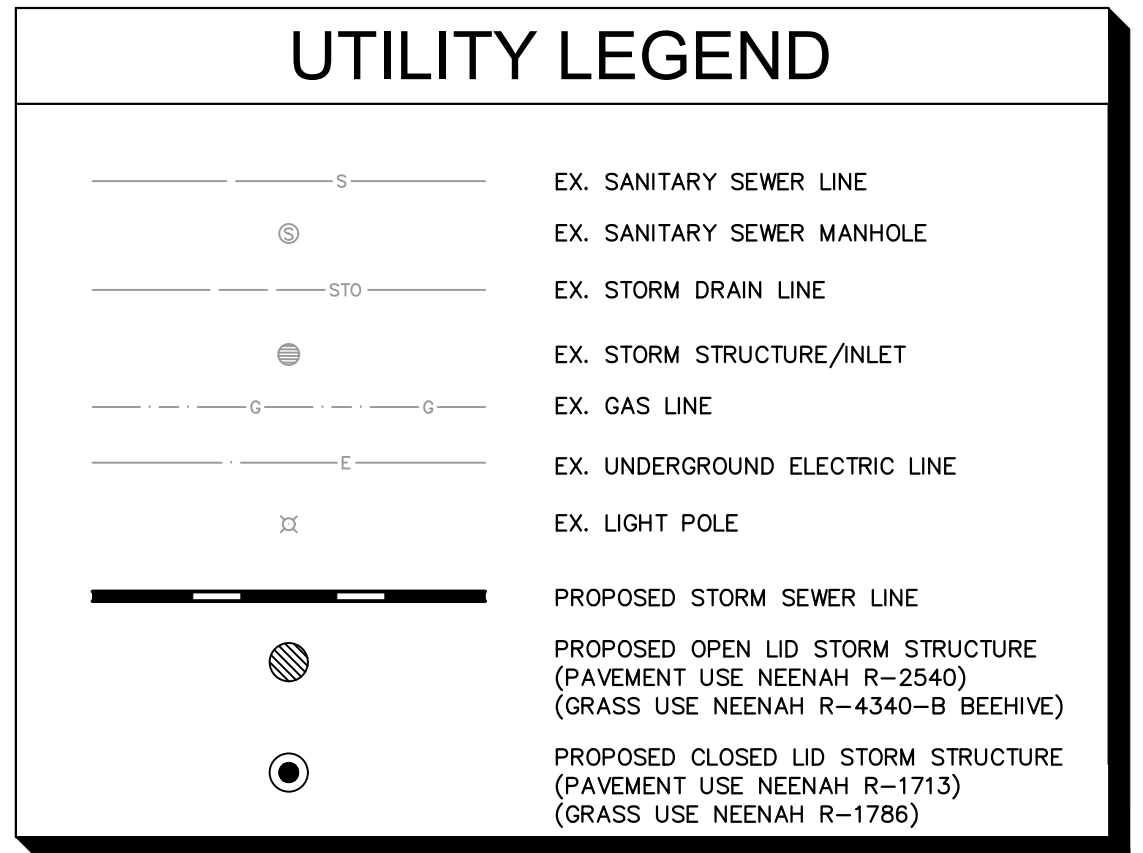
 © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 4201 WINFIELD ROAD, SUITE 600 MADISON, WI 53711 WWW.KIMLEY-HORN.COM	SCALE: AS NOTED DESIGNED BY: JRS DRAWN BY: JRS CHECKED BY: TJS
 CHASE BANK 680 S. WHITNEY WAY MADISON, WI 53711	GRADING AND DRAINAGE PLAN
ORIGINAL ISSUE: 10/20/23 KHA PROJECT NO. 168558057	SHEET NUMBER C5.0

Drawing name: K:\GIS_DEVELOPMENT\GIS\Projects\168558057_Chase_Madison_WA2_Design\CAD\PlanSheets\Final\C6.0 - UTILITY PLAN.dwg C6.0 Nov 10, 2023 2:26pm by Alex Fabo
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STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D1	REPLACE EXISTING STORM STRUCTURE WITH UPFLOW FILTER (SEE DETAILS SHEET C7.1). CONTRACTOR TO FIELD VERIFY LOCATION, DEPTH, AND SIZE OF EXISTING SEWER PRIOR TO ORDERING MATERIALS. RIM: 1020.02 INV IN: 1013.88 (W, 12") INV IN: 1013.88 (SW, 15") INV OUT: 1013.88 (E, 15")
D2	STORM MANHOLE RIM: 1024.52 INV IN: 1013.92 (N, 12") INV OUT: 1013.92 (E, 12")
D3	STORM MANHOLE RIM: 1026.16 INV IN: 1014.09 (NE, 12") INV OUT: 1014.09 (S, 12")
D4	TIE INTO EXISTING STORM SEWER WITH NEW MANHOLE. CONTRACTOR TO FIELD VERIFY LOCATION, DEPTH, AND SIZE OF EXISTING SEWER PRIOR TO ORDERING MATERIALS. RIM: 1025.30 INV IN: CONTRACTOR TO FIELD VERIFY INV OUT: 1014.15 (SW, 12")
D5	TIE INTO EXISTING STORM SEWER WITH NEW MANHOLE. CONTRACTOR TO FIELD VERIFY LOCATION, DEPTH, AND SIZE OF EXISTING SEWER PRIOR TO ORDERING MATERIALS. RIM: 1029.82 INV IN: 1025.62 (N, 12") INV OUT: 1025.62 (S, 15")
D6	STORM INLET RIM: 1029.83 INV OUT: 1025.82 (S, 12")

- ### UTILITY NOTES
- ALL WATER LINES $\geq 3"$ SHALL BE DUCTILE IRON PIPE, CLASS 52.
 - ALL SANITARY SEWER LINES SHALL BE PVC MEETING, ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN, THIS PIPE SHALL BE ANWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 42" MINIMUM COVER.
 - CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
 - ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
 - CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
 - CONTRACTOR TO CALL "DIGGERS HOTLINE" (1-800-242-8511) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
 - PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED REVISIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. THE MUNICIPALITY SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
 - CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
 - CONTRACTOR TO AVOID DISRUPTION OF ANY ADJACENT TENANT'S TRAFFIC OPERATIONS DURING INSTALLATION OF UTILITIES.
 - ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
 - SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
 - LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT ACTUAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
 - SEE DETAILS FOR LOCATING STORM STRUCTURES WITHIN THE CURB LINE.
 - CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
 - AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING.



NO.	REVISIONS	DATE	BY

SCALE: AS NOTED
DESIGNED BY: JRS
DRAWN BY: JRS
CHECKED BY: TJS

Kimley»Horn
© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
4201 WINFIELD ROAD, SUITE 600
MADISON, WI 53707
PHONE: 608-487-2500
WWW.KIMLEY-HORN.COM

CHASE

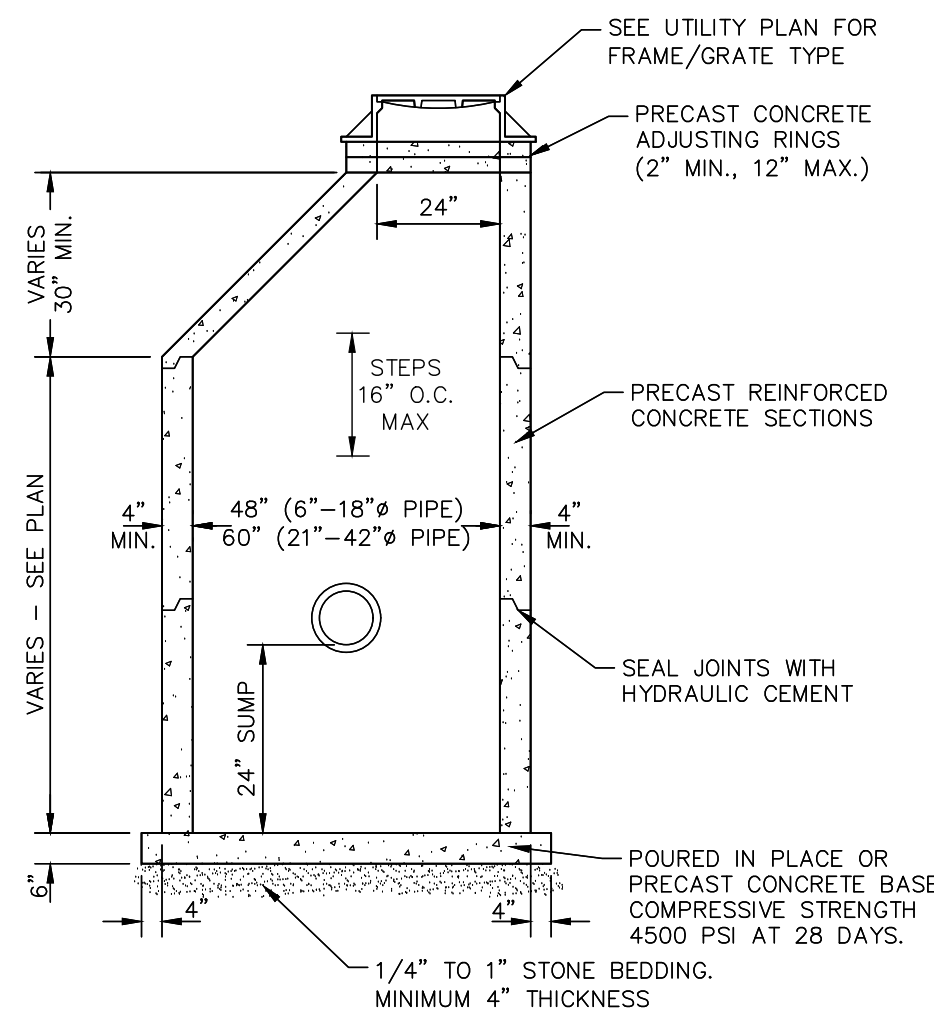
UTILITY PLAN

CHASE BANK
660 S. WHITNEY WAY
MADISON, WI 53711

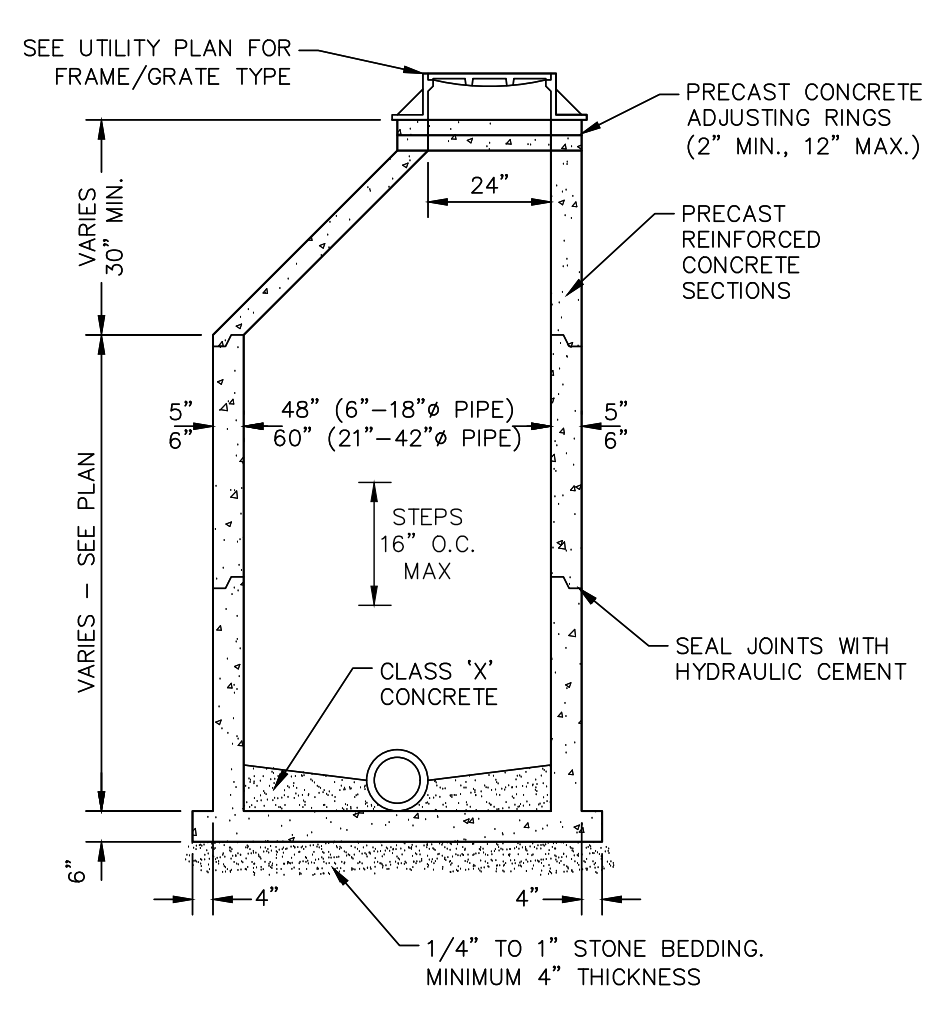
ORIGINAL ISSUE:
10/20/23
KHA PROJECT NO.
168558057
SHEET NUMBER
C6.0



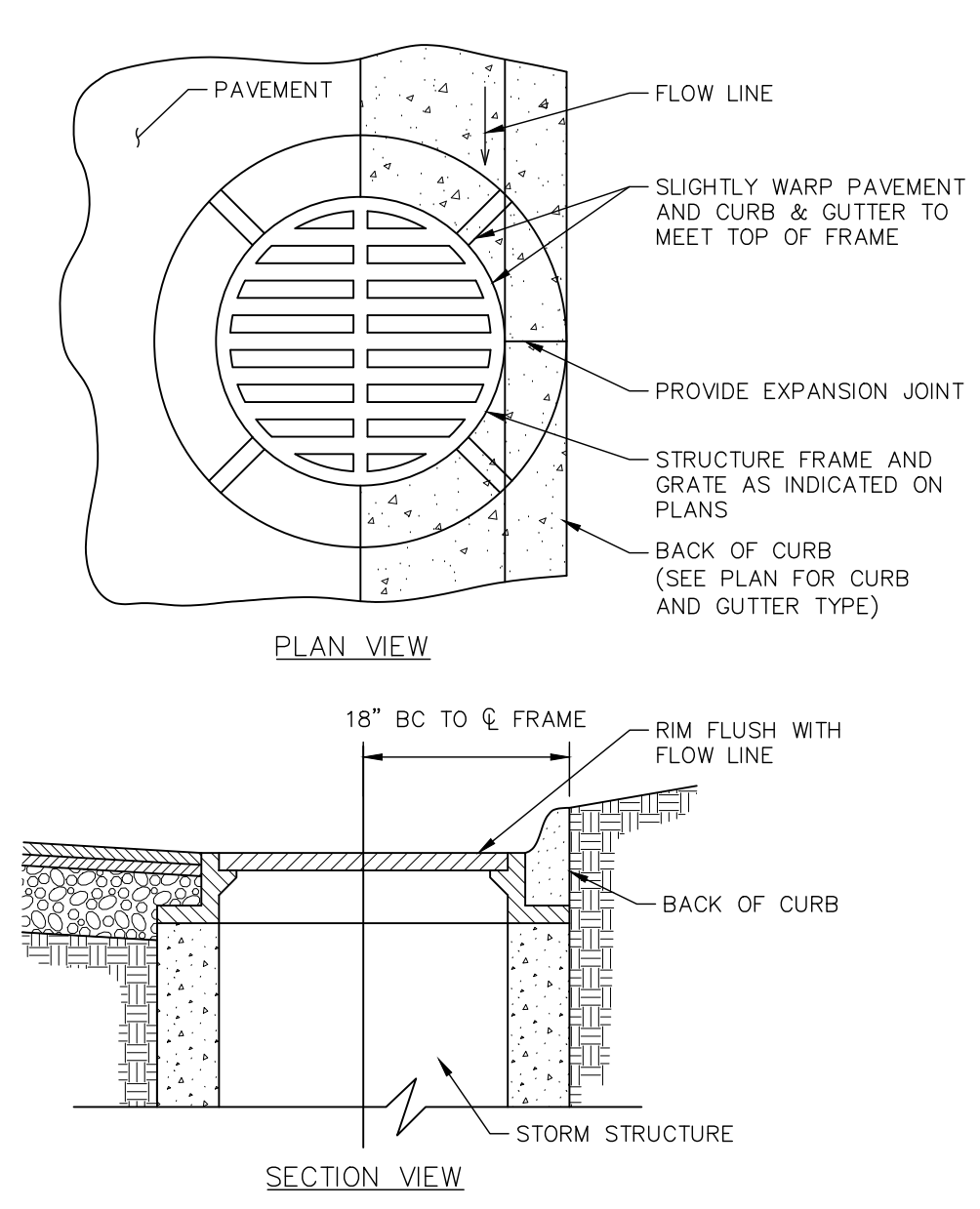
(800) 242-86511



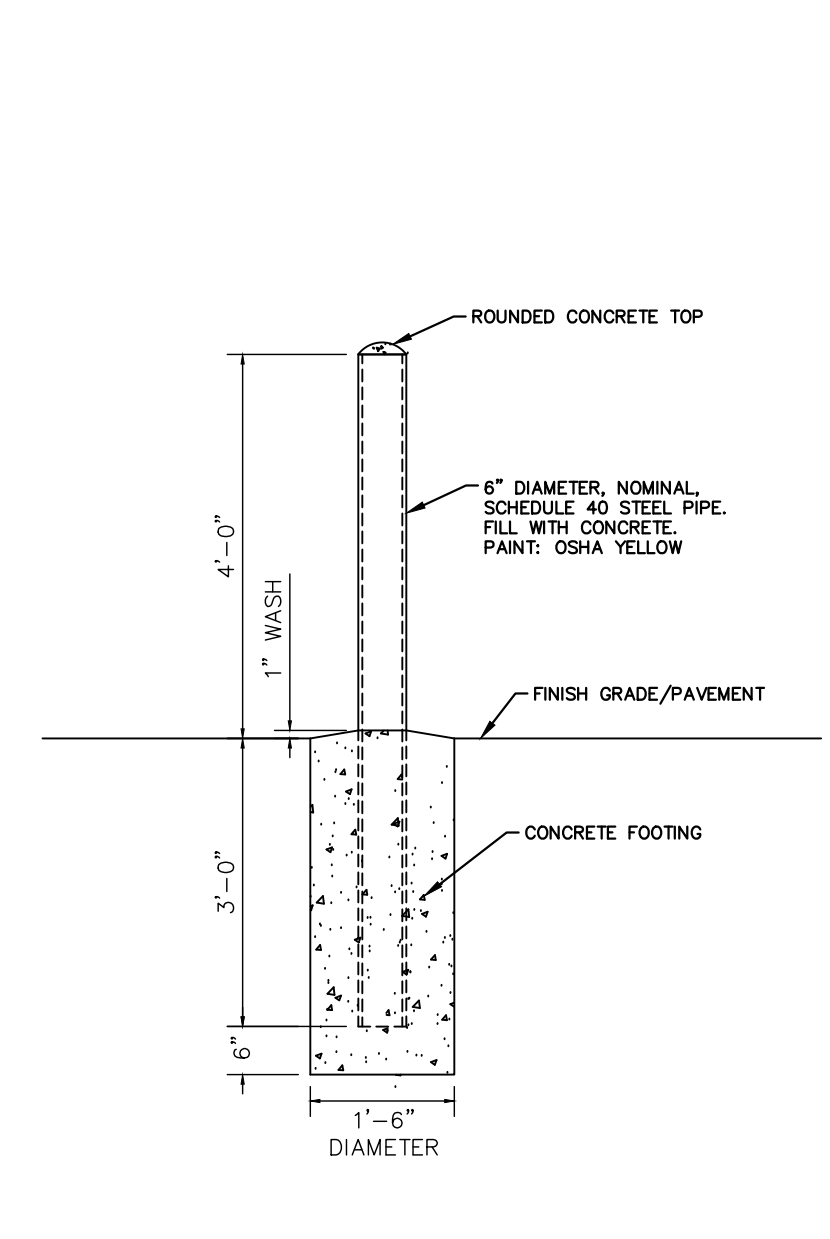
CATCH BASIN TYPE A
N.T.S.



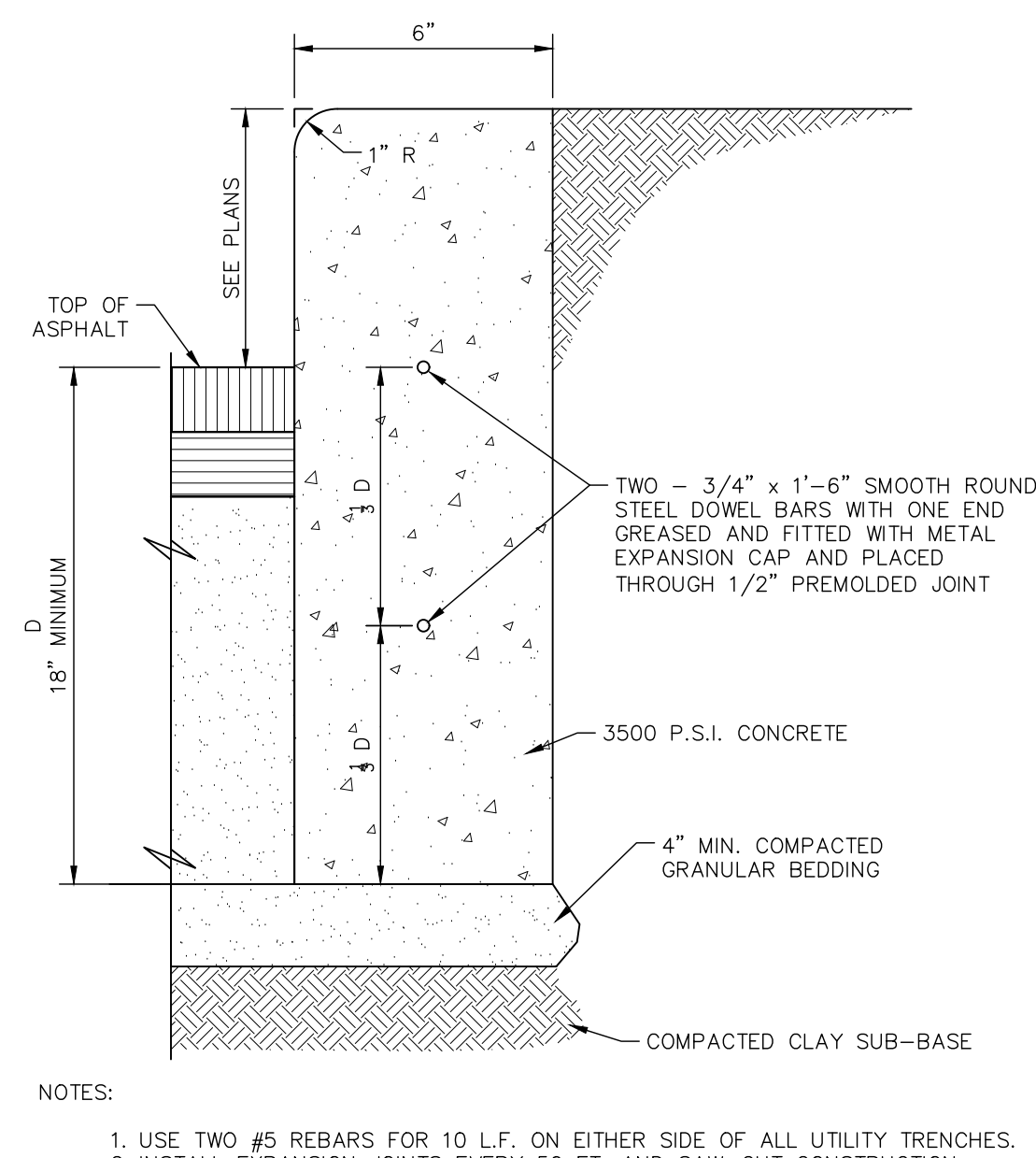
STORM MANHOLE TYPE A
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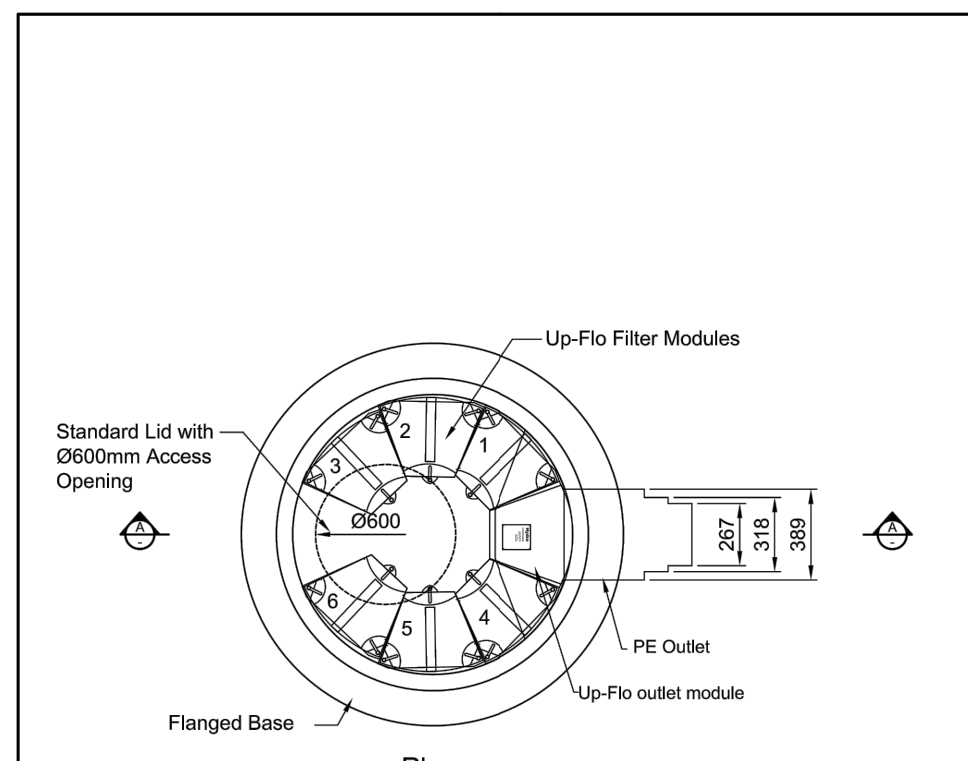
INLET AT CURB FRAME LOCATION
N.T.S.



6" BOLLARD DETAIL
N.T.S.



BARRIER CURB
N.T.S.



ITEM	DESCRIPTION - MATERIAL	CODE	UNIT	WEIGHT (L)	LOCATION INDICATOR
1	Ø1200mm FB Up-Flo Filter				
	with 1 module	UP-FLO 1KIT	2.040		
	with 2 modules	UP-FLO 2KIT	2.052		
	with 3 modules	UP-FLO 3KIT	2.068		
	with 4 modules	UP-FLO 4KIT	2.076		
	with 5 modules	UP-FLO 5KIT	2.088		
	with 6 modules	UP-FLO 6KIT	2.100		
2	MH Lid Ø1200 200mm Ø605 Hole	MHL12200HNW	0.509		
3	Ductile iron cover & frame Ø600mm	DMIMCFHS	0.558		

PLEASE TICK THE NUMBER OF MODULES REQUIRED.
STANDARD MODULE LOCATIONS ARE INDICATED ABOVE IF THE LOCATION OF THE MODULES IS IMPORTANT. PLEASE USE THE ABOVE LOCATION INDICATOR TO SELECT YOUR PREFERENCE.

- NOTE:**
- The Up-Flo Filter can contain 1 to 6 modules. The invert level of optional inlets can be a minimum of 240mm above the invert level of the outlet pipe. Inlet pipework is installed by the contractor on site.
 - The standard PE outlet pipe provides the following optional outside diameters: 300mm / 315mm / 320mm. The contractor simply sizes the outlet back to the size required.
 - Some dimensions could change to accommodate a site constraint situation. Please contact Hynds for technical assistance.
 - The orientation and elevation of the inlet pipe can be adjusted to suit site requirements. Refer to the site plan for orientation.
 - If the outlet invert depth to the ground level is >1430mm, the contractor will need to provide an appropriate riser to suit the on-site requirements.
 - The unit includes an 1200mm x 1800mm flanged based manhole chamber, Concrete Lid and a 600mm ductile iron cover & frame.
 - If the Up-Flo is installed in an offline configuration and is connecting to a weir chamber - please note that the weir panel height within the weir chamber must match the height of the Up-Flo outlet. "Vessel Height" as shown on drawing. Height between invert of outlet stub to Vessel Height is 792mm.

I AUTHORISE HYNDS PIPES SYSTEMS LTD TO PROCEED WITH THE MANUFACTURING OF THIS PRODUCT SPECIAL AS DETAILED ABOVE. I ACKNOWLEDGE THAT ANY SPECIALS, ONCE MANUFACTURED, ARE DEEMED TO BE MY (CUSTOMER'S) PROPERTY & ARE NON-REFUNDABLE. PLEASE NOTE COSTS ARISING FROM CHANGES REQUESTED AFTER SIGNING THIS DRAWING WILL BE BORNE BY THE CUSTOMER.

NAME: _____ SIGNATURE: _____
DATE: _____

NOTES:

- HD60 Traffic loading
- Consult Engineer where exposure classification C or U is required (Saltwater Tidal/Splash Zone or other aggressive environment).

MATERIALS

VOL. (m³/unit) = _____
WT. (ton/unit) = Refer Table
CODE = Refer Table

REVISIONS

NO.	DESCRIPTION	DATE	BY	CHKD.
1	Issue For Construction	18 Dec 2019	GH	
2	For Review	17 Feb 2020	GH	

PO Box 58142, Botany, Auckland, 2163
Tel: 09-274 0316
Fax: 09-272 7485
email: technicalservices@hynds.co.nz

ISO 9001 CERTIFIED MANAGEMENT SYSTEM

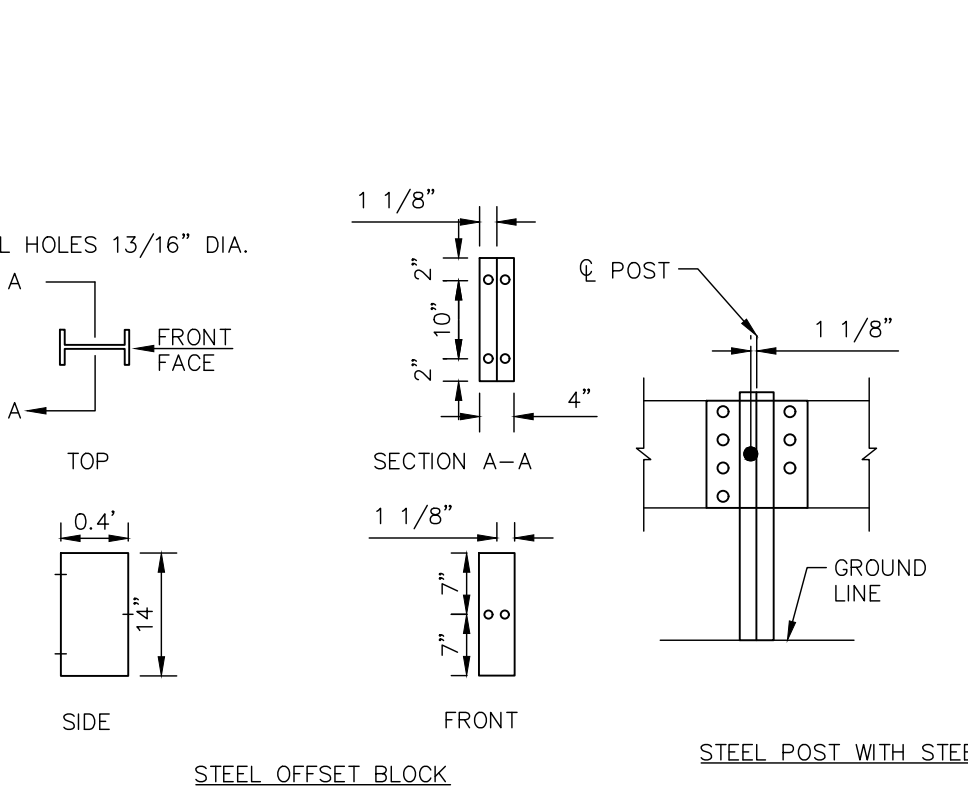
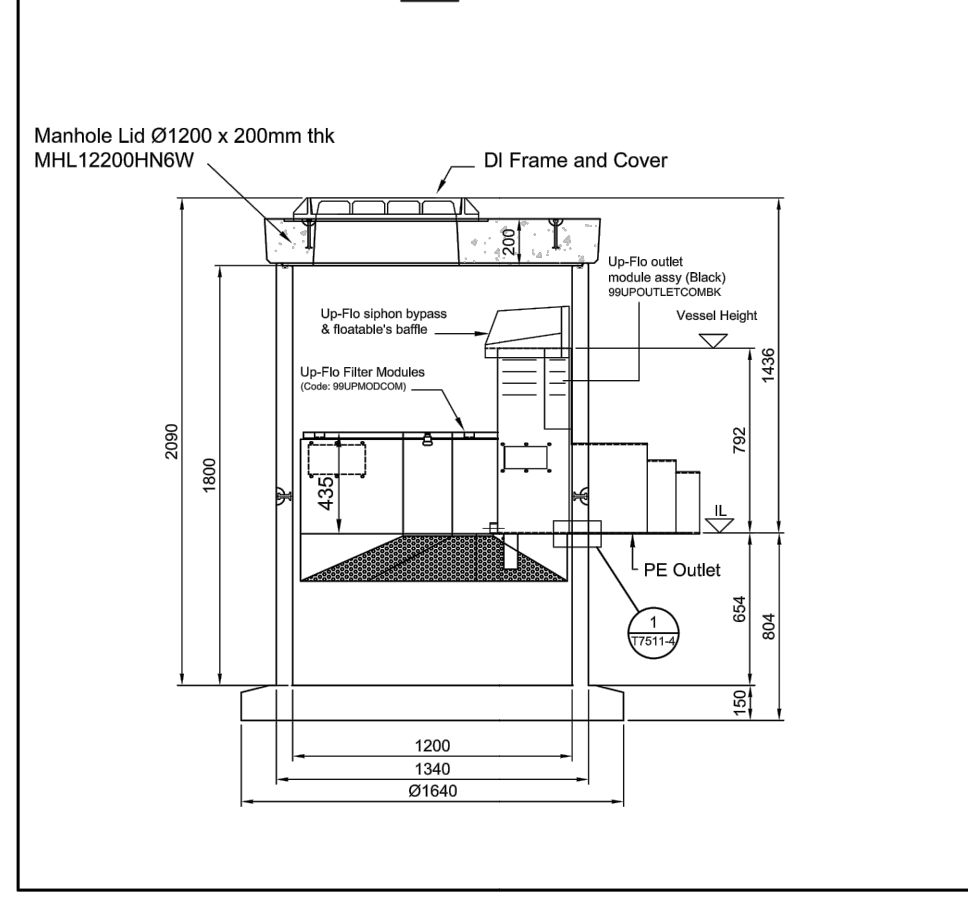
PROJECT DESCRIPTION:
Hynds Stormwater

Up-Flo 1-6 Module Standard Drawing
Up-Flo Filter Ø1200x1800 (PDEP)
1 to 6 Modules
FB1200x1800mm
General Arrangement

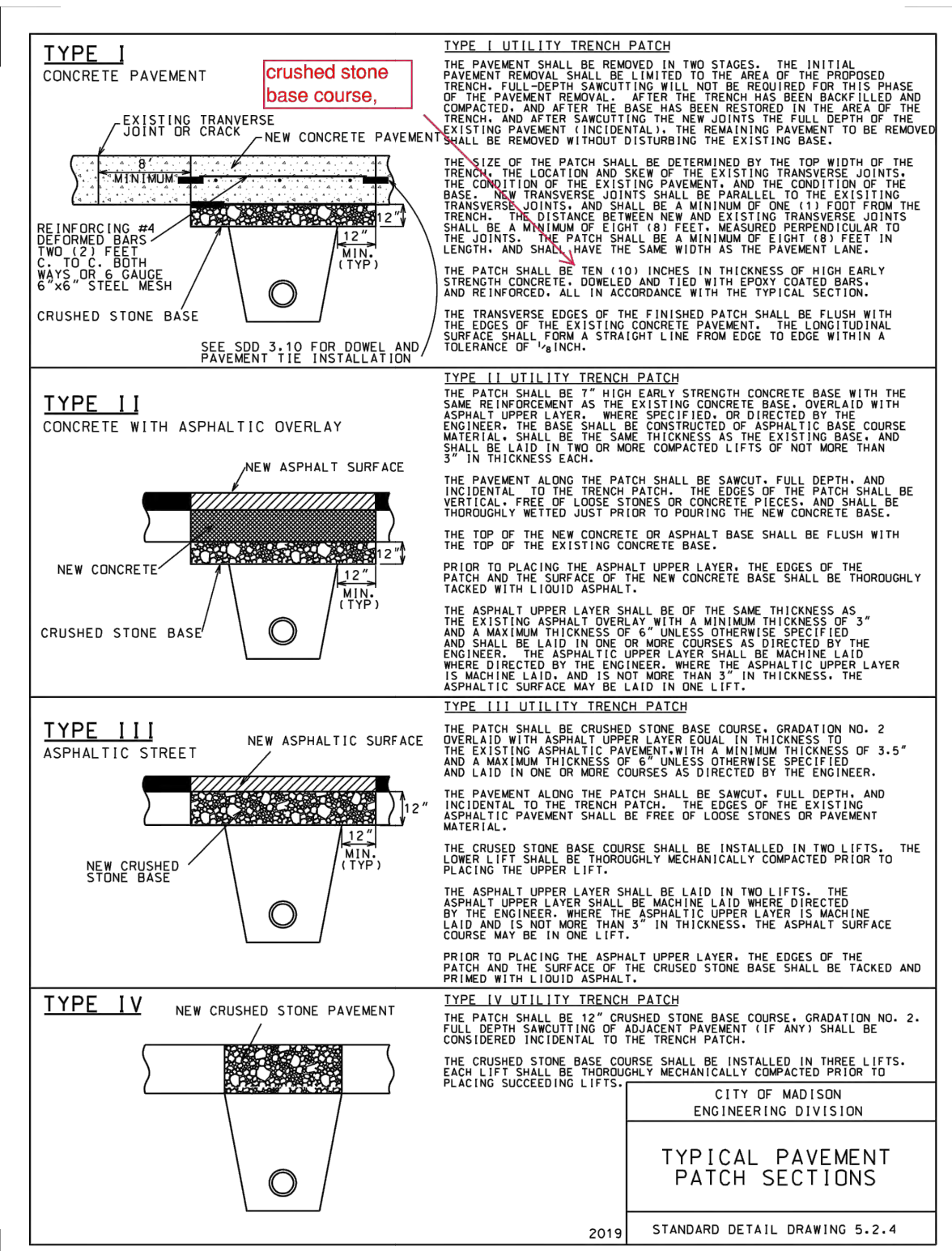
REFERENCE/QUOTE NUMBER: 25948

DRAWN: GH	DESIGN: GH	CHECKED: ZS
SIGNATURE:	SIGNATURE:	SIGNATURE:

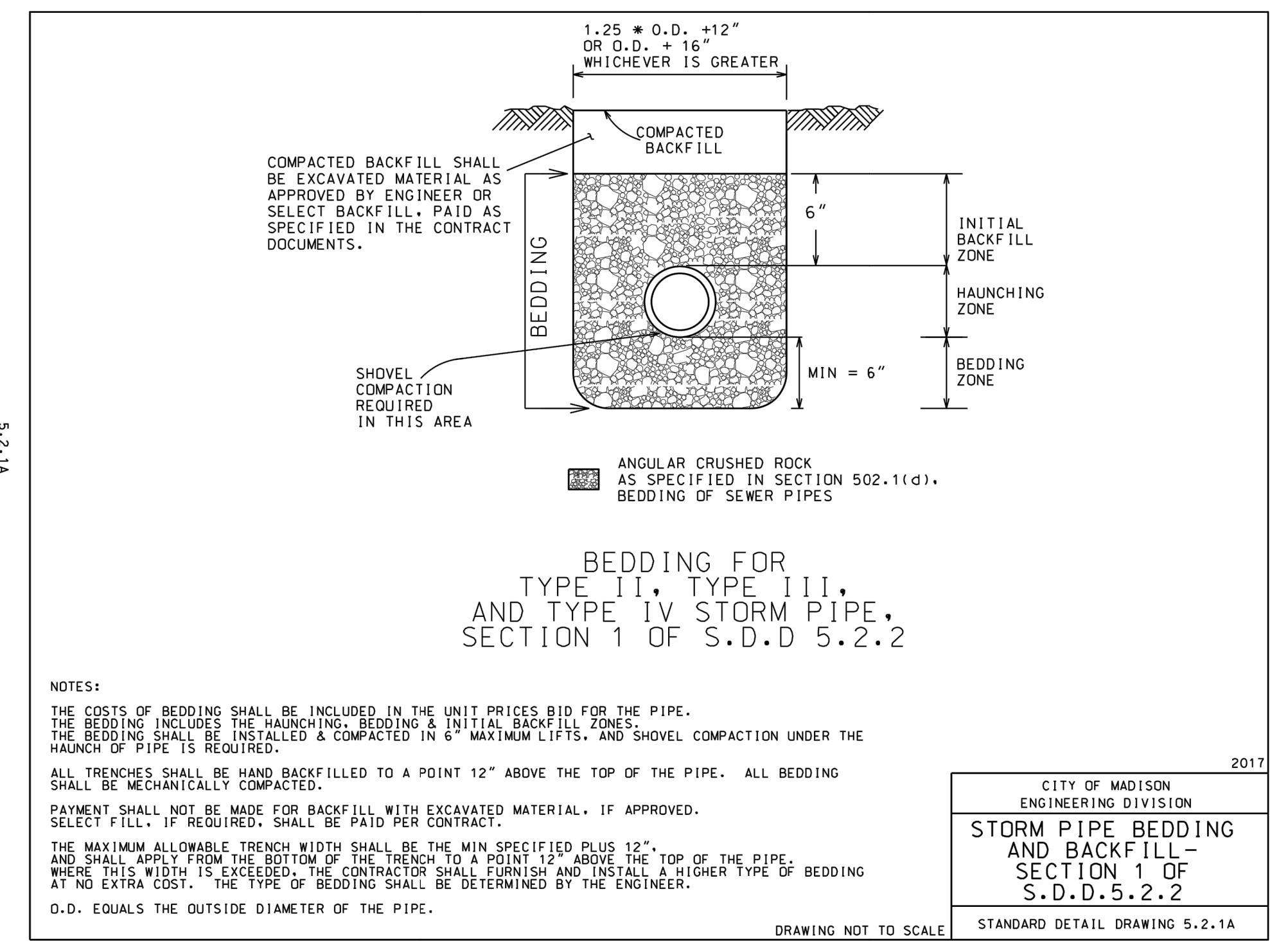
SCALE: N.T.S. Note: Do not scale drawing if in doubt ASK!
PAPER SIZE: A3 DATE: 2-Mar-21
DRAWING NUMBER: T7511 GA SHEET NUMBER: 2 REVISION NUMBER:



GUARDRAIL
N.T.S.



5.2.4



NOTES:

THE COSTS OF BEDDING SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE PIPE. THE BEDDING INCLUDES THE HAUNCHING, BEDDING & INITIAL BACKFILL ZONES. THE BEDDING SHALL BE INSTALLED & COMPACTED IN 6" MAXIMUM LIFTS, AND SHOVEL COMPACTION UNDER THE HAUNCH OF PIPE IS REQUIRED.

ALL TRENCHES SHALL BE HAND BACKFILLED TO A POINT 12" ABOVE THE TOP OF THE PIPE. ALL BEDDING SHALL BE MECHANICALLY COMPACTED.

PAYMENT SHALL NOT BE MADE FOR BACKFILL WITH EXCAVATED MATERIAL, IF APPROVED. SELECT FILL, IF REQUIRED, SHALL BE PAID PER CONTRACT.

THE MAXIMUM ALLOWABLE TRENCH WIDTH SHALL BE THE MIN SPECIFIED PLUS 12", AND SHALL APPLY FROM THE BOTTOM OF THE TRENCH TO A POINT 12" ABOVE THE TOP OF THE PIPE. WHERE THIS WIDTH IS EXCEEDED, THE CONTRACTOR SHALL FURNISH AND INSTALL A HIGHER TYPE OF BEDDING AT NO EXTRA COST. THE TYPE OF BEDDING SHALL BE DETERMINED BY THE ENGINEER.

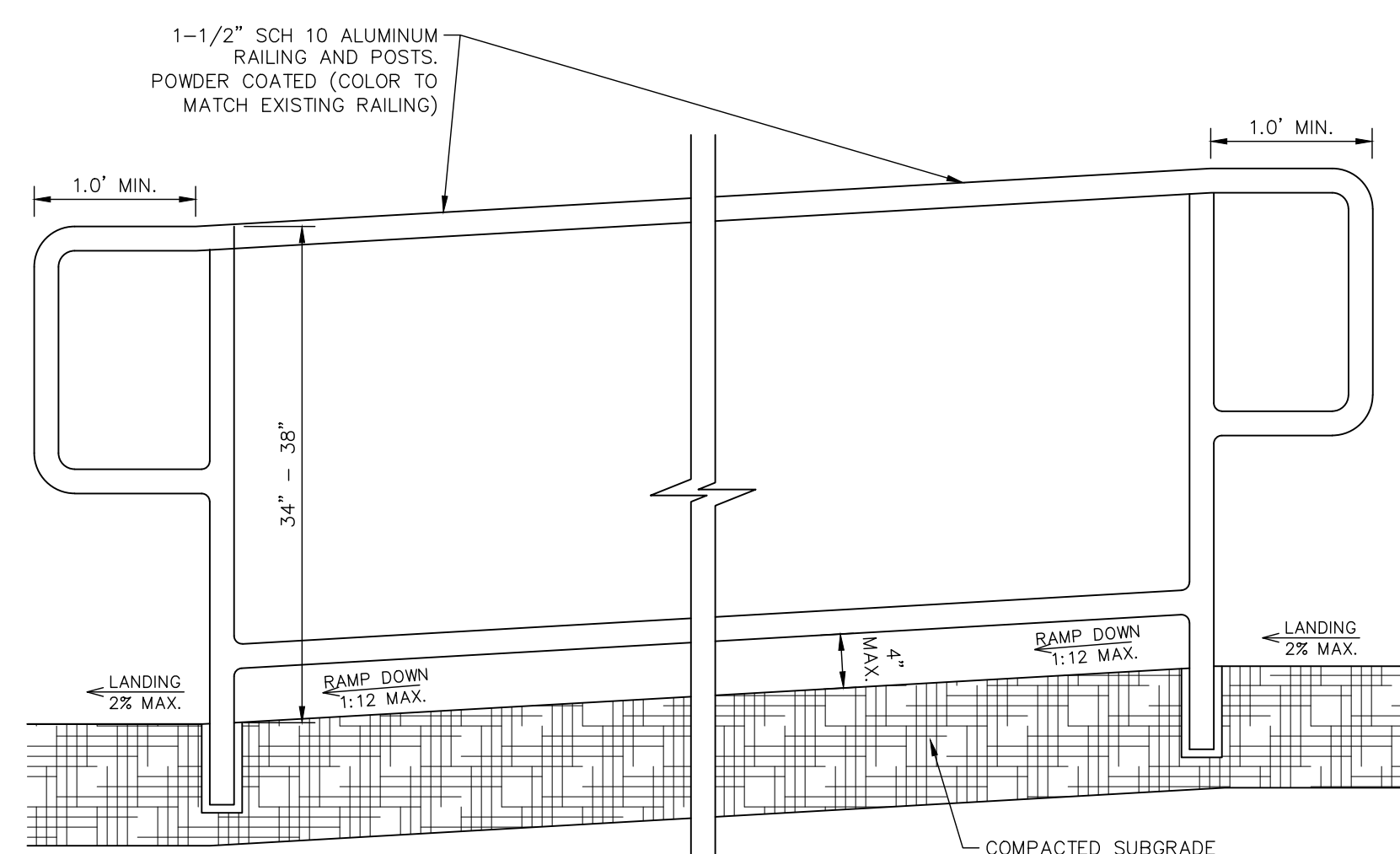
O.D. EQUALS THE OUTSIDE DIAMETER OF THE PIPE.

2017

CITY OF MADISON
ENGINEERING DIVISION

STORM PIPE BEDDING AND BACKFILL - SECTION 1 OF S.D.D. 5.2.2

STANDARD DETAIL DRAWING 5.2.1A



NOTES:

- IF A THIRD HANDRAIL IS ADDED, THERE SHOULD BE SIGNIFICANT VERTICAL CLEARANCE BETWEEN UPPER AND LOWER, 9 INCHES MINIMUM SHOULD BE PROVIDED TO HELP PREVENT ENTRAPMENT.
- HANDRAILS SHALL BE A CONSTANT HEIGHT ABOVE WALKING SURFACES.
- RAMP HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12 INCHES MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUNS.

*CONTRACTOR TO SUBMIT SPECIFICATIONS FOR HANDRAIL TO ENGINEER FOR REVIEW.

HANDRAIL AT RAMP
N.T.S.



(800) 242-86511

Drawing name: K:\CHS-LD\REV168558057_Chase_Madison_WA2 Design\CAD\DrawSheets\Final\C7.1 Oct 23, 2023 9:24am by: Josh Williams
This document, together with the concepts and designs presented herein, is intended only for the specific project and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

SCALE: AS NOTED	DESIGNED BY: JRS	DRAWN BY: JRS	CHECKED BY: TJS
CHASE CONSTRUCTION DETAILS			
CHASE BANK 660 S. WHITNEY WAY MADISON, WI 53711			
ORIGINAL ISSUE: 10/20/23			
KHA PROJECT NO. 168558057			
SHEET NUMBER			
C7.1			
KIMLEY-HORN AND ASSOCIATES, INC. 4051 WINFIELD ROAD, SUITE 600 PHOENIX, AZ 85044-4876 WWW.KIMLEY-HORN.COM			DATE
REVISIONS			BY

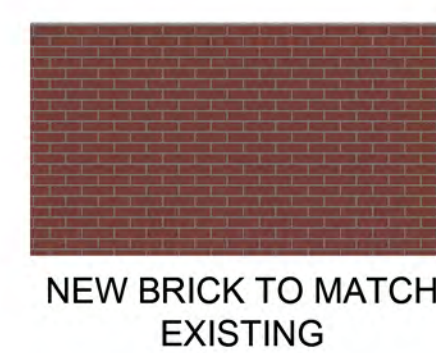




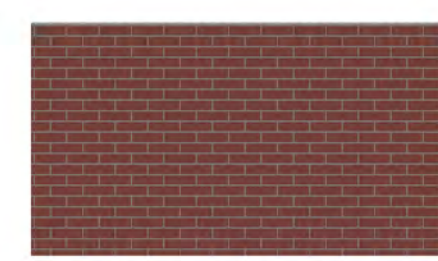
SOUTH ELEVATION



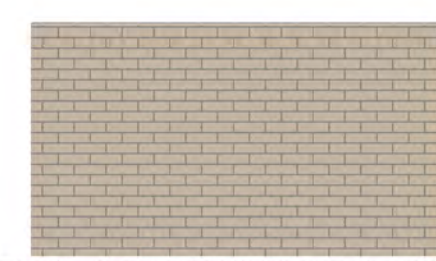
EAST ELEVATION



NEW BRICK TO MATCH EXISTING



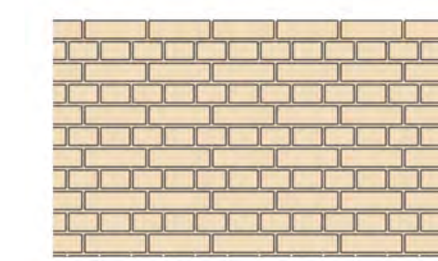
EXISTING BRICK TO REMAIN



EXISTING BRICK TO REMAIN



BRICK
COLOR: MIDNIGHT BLACK
INTERSTATE BRICKS



EXISTING STACKED STONE
TO REMAIN



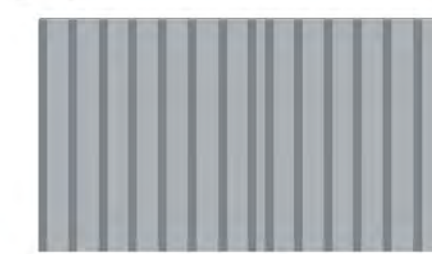
STANDING SEAM MTL
ROOF



STORE FRONT, METAL CANOPY
COLOR: BLACK ANODIZED
ALUM.



CLEAR GLASS



CORRUGATED MTL



SPANDREL GLASS
COATING OPACI-COAT300
COLOR: WARM GRAY

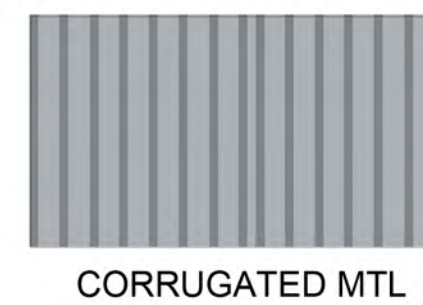
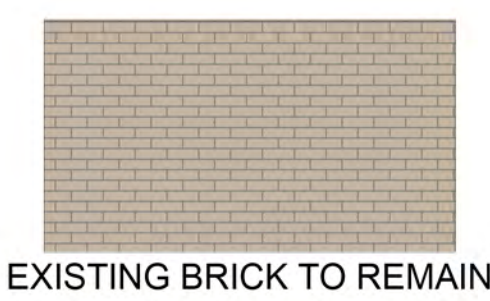
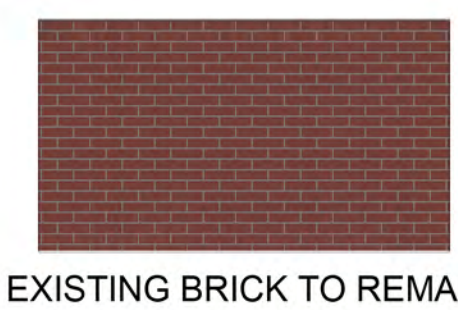
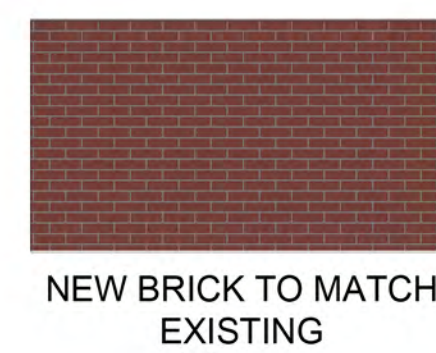


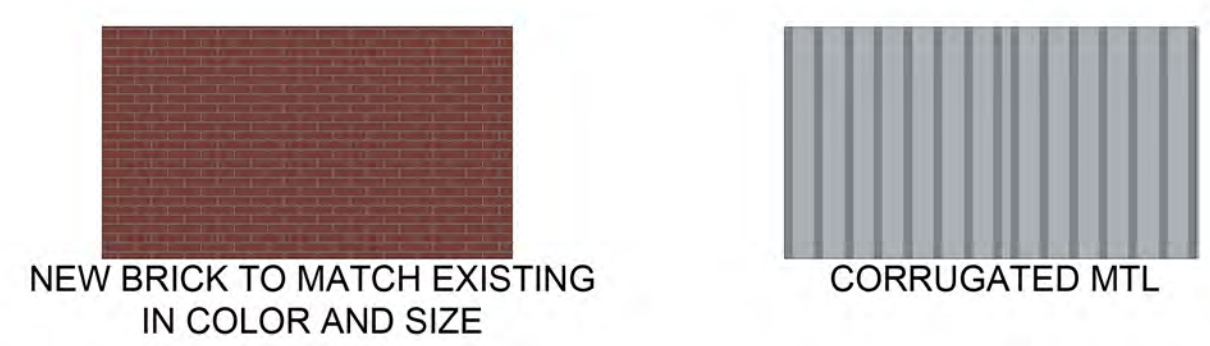
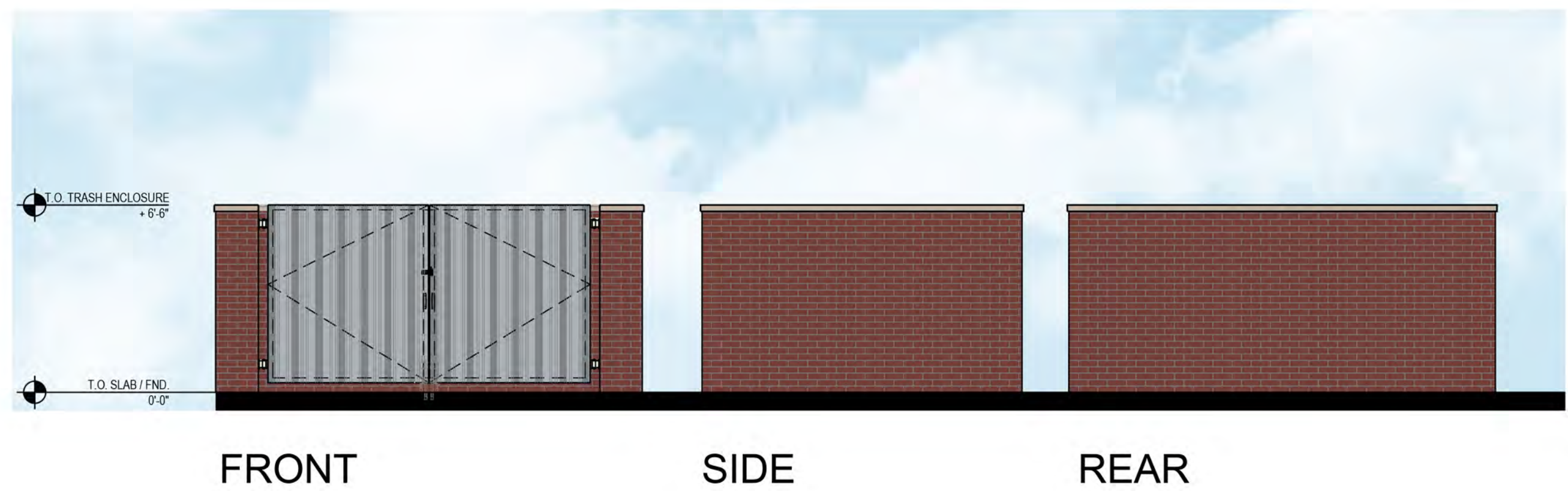


NORTH ELEVATION



WEST ELEVATION







CHASE 
WHITNEY ODANA
 660 S Whitney Way,
 Madison, WI 53711

FRONTAGE DESIGN

10.18.2023

Architect/Designer
 The Architects Partnership, Ltd.
 200 South Michigan Avenue
 Chicago, IL 60604
 t: 312.583.9800
 f: 312.583.9890
 TAP Project Number: 23067





CHASE





CHASE



CHASE





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