CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT
WESTGATE REDEVELOPMENT PLAT

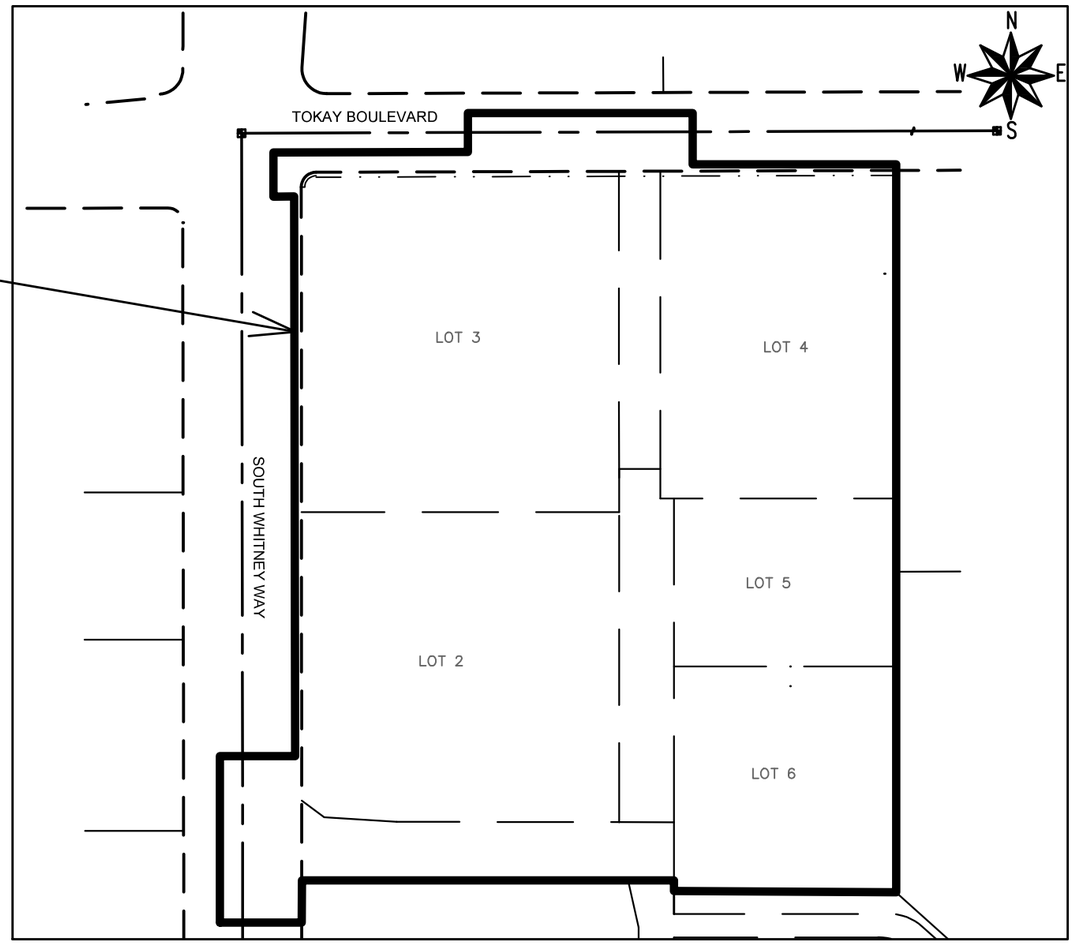
Madison, Wisconsin

CITY PROJECT NO. 13283
CONTRACT NO. 8982

INDEX OF SHEETS

SHEET NO.	D1-D2	NOTES AND DETAILS
SHEET NO.	E1	ELECTRICAL PLAN
SHEET NO.	M1-M2	PAVEMENT MARKING PLAN
SHEET NO.	P1-P4	STREET PLAN & PROFILES
SHEET NO.	U1-U2	UTILITY PLAN & PROFILES
SHEET NO.	USTM	STORM SEWER SCHEDULE
SHEET NO.	L1	LANDSCAPE PLAN
SHEET NO.	X1-X7	CROSS SECTIONS
SHEET NO.	MN1	MAINTENANCE MAP

PROJECT LOCATION



PUBLIC IMPROVEMENT PROJECT APPROVED

FEBRUARY 2, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Greg Fries — Jun 1, 2021

City Engineer — Date

STREET DESIGNED BY:

WISCONSIN JOHN P. SAPP E-44054 JANESVILLE WI PROFESSIONAL ENGINEER

Jun 1, 2021

STORM SEWER DESIGNED BY:

WISCONSIN LAUREN E. STRIEGL E-46048 OREGON WIS PROFESSIONAL ENGINEER

Jun 1, 2021

REVISED 7/19/22 BY IO

ELECTRICAL DESIGNED BY:

WISCONSIN GRETCHEN M AVILES PINEIRO E-47473 MADISON WI PROFESSIONAL ENGINEER

Jun 1, 2021

GEOMETRY & PAVEMENT MARKING DESIGNED BY:

WISCONSIN SEAN D MALLOY E-48326 MADISON WI PROFESSIONAL ENGINEER

Jun 1, 2021

ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

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 (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. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

CONTACT PROJECT ENGINEER AND STREET DESIGNER IKE OKAFOR AT IOKAFOR@CITYOFMADISON.COM FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	G
STORM SEWER	ST
SANITARY SEWER	SN
WATER	W
BURIED ELECTRIC	E
OVERHEAD ELECTRIC	OH
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	CAUTION

ALL PAVEMENT IN THE TOKAY BOULEVARD RIGHTS-OF-WAY SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE S. WHITNEY WAY RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.04. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

*CURB STATION AND OFFSETS SHALL BE TO THE **EDGE OF PAVEMENT** UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE **EDGE OF PAVEMENT** UNLESS OTHERWISE INDICATED.*

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO
Date: 4/26/2021 11:31 AM
Scale: ########
13283
D-1

13283

MADISON, WI

CONTRACT NO: 8982

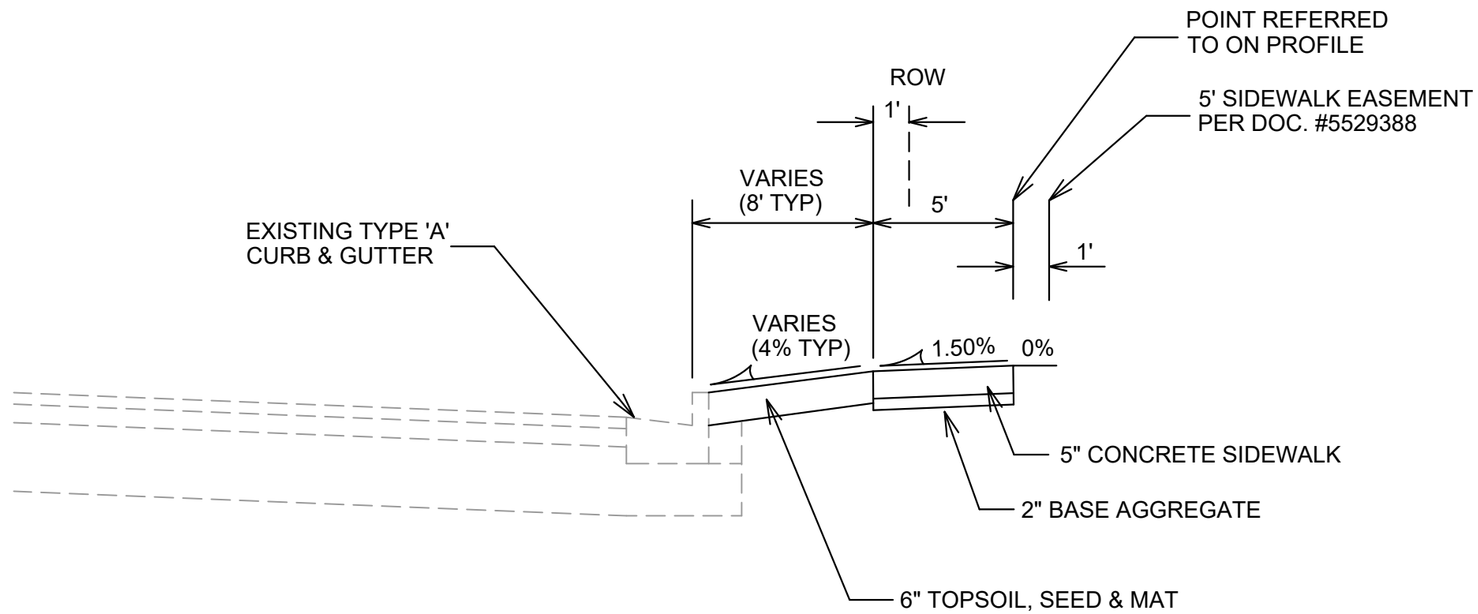
STANDARD NOTES

WESTGATE REDEVELOPMENT PLAT

M:\DESIGN\Projects\13283\CAD\Streets\13283EN-Details.dwg

13283

D-1



TYPICAL SECTION

TOKAY BOULEVARD
STA 101+16 TO STA 107+30
NOT TO SCALE

MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO
Date: 5/24/2021 1:10 PM
Scale: ########
D-2

13283

MADISON, WI

CONTRACT NO: 8982

TYPICAL SECTION
WESTGATE REDEVELOPMENT PLAT
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-Details.dwg

13283

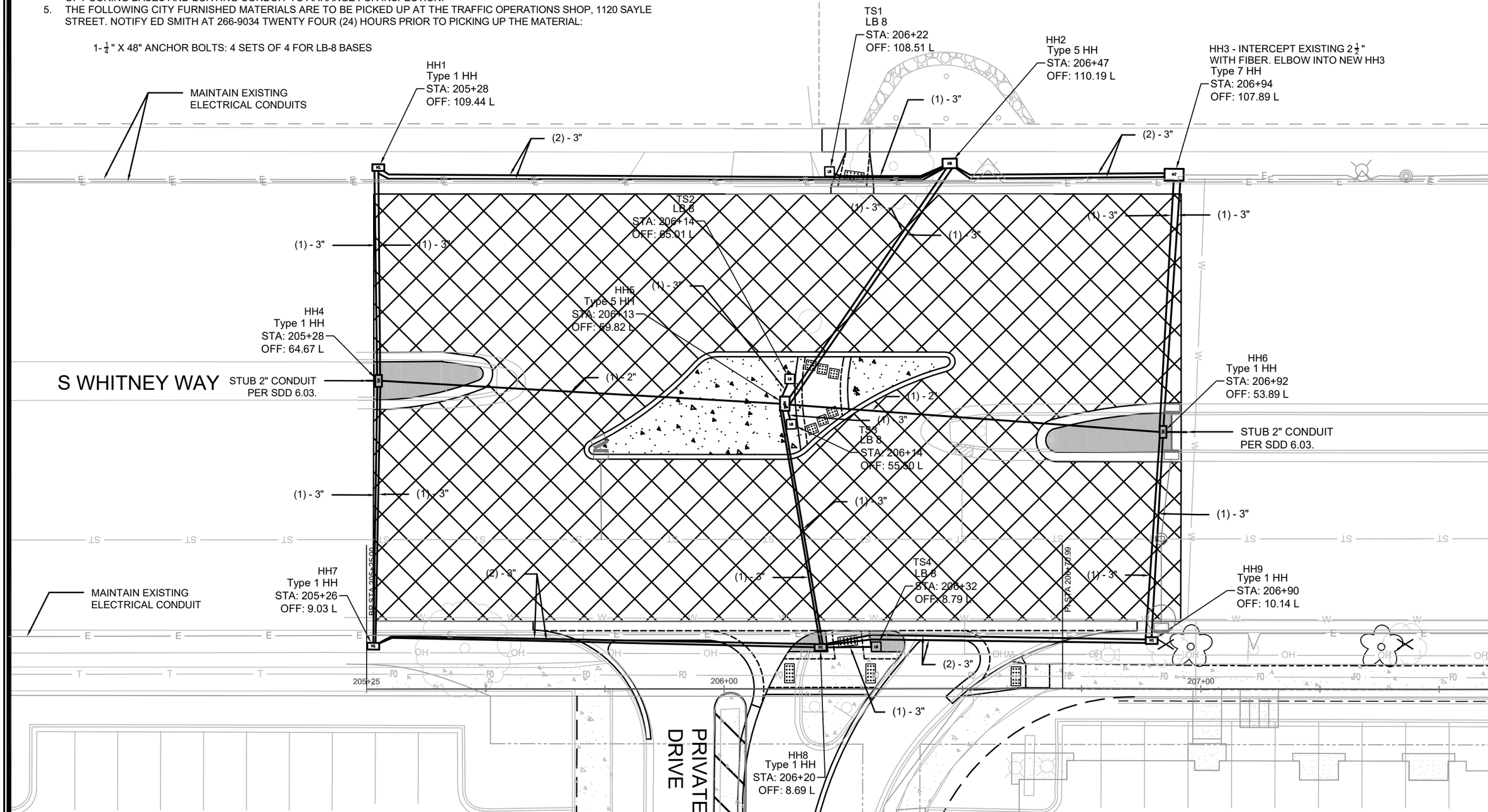
D-2

GENERAL ELECTRICAL NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEYS STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899), AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATION MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2021 EDITION AND ALL ADDENDUMS THERETO. HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM
3. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES AND BURYING CONDUIT TO ARRANGE FOR INSPECTION.
5. THE FOLLOWING CITY FURNISHED MATERIALS ARE TO BE PICKED UP AT THE TRAFFIC OPERATIONS SHOP, 1120 SAYLE STREET. NOTIFY ED SMITH AT 266-9034 TWENTY FOUR (24) HOURS PRIOR TO PICKING UP THE MATERIAL:

1-$\frac{1}{4}$" X 48" ANCHOR BOLTS: 4 SETS OF 4 FOR LB-8 BASES

REVISED 7/19/22 BY IO



MARK	REVISION	DATE	BY

Designed By: GMA | Date: 7/18/2022 2:23 PM | Scale: 1" = 20'

13283

MADISON, WI

CONTRACT NO: 8982

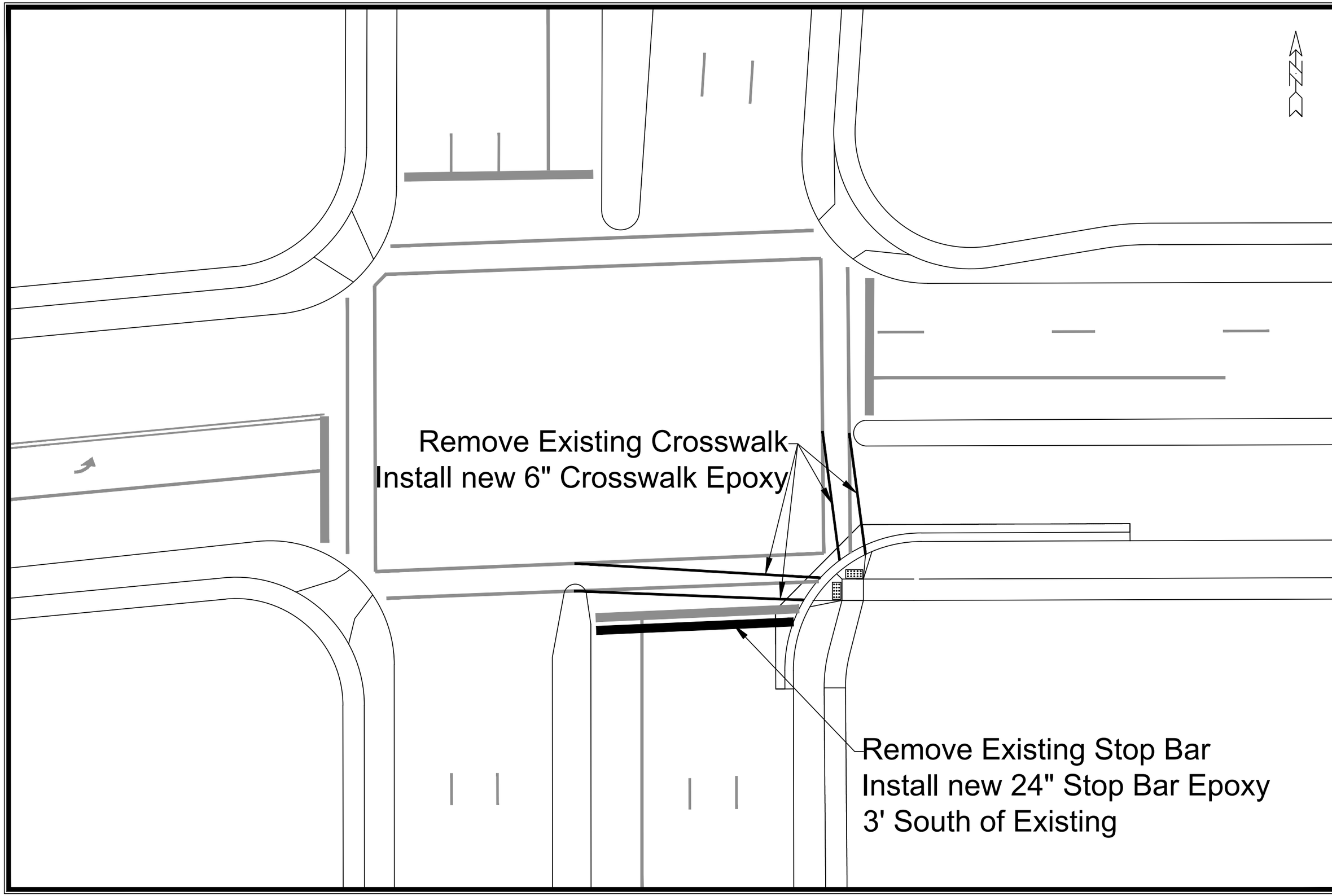
ELECTRICAL PLAN

WESTGATE REDEVELOPMENT PLAT

M:\DESIGN\Projects\13283\CAD\Traffic\13283TE-Electrical.dwg

13283

E-1



MARK	REVISION	DATE	BY
----	----	----	----
----	----	----	----
----	----	----	----
----	----	----	----

Designed By: SDM | Date: 5/7/2021 2:23 PM | Scale: 1:20

13283

MADISON, WI

CONTRACT NO: ----

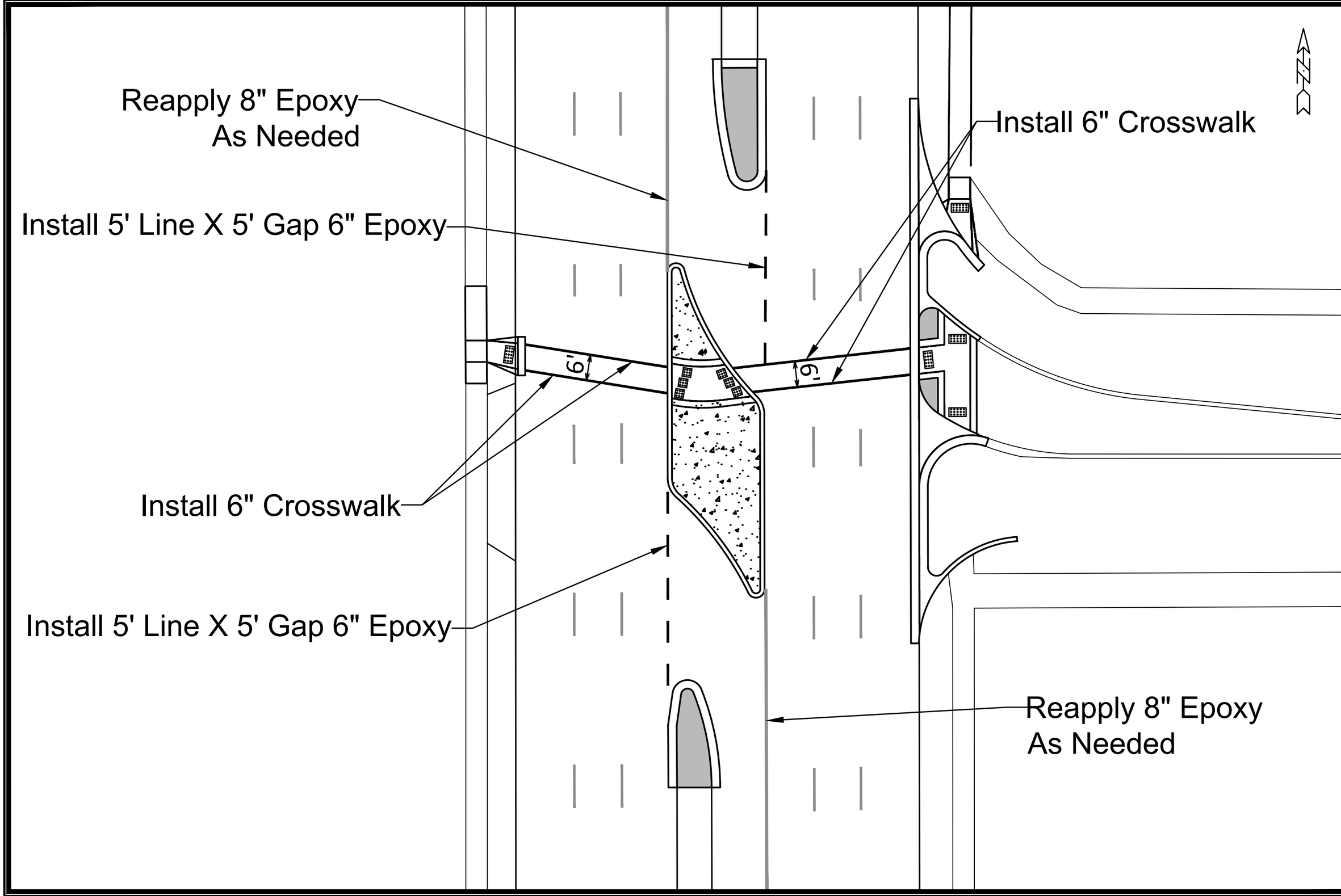
MARKING PLAN

WESTGATE MALL

M:\DESIGN\Projects\13283\CAD\Traffic\13283TE-PavementMarking.dwg

13283

M-1



MARK	REVISION	DATE	BY
----	----	----	----
----	----	----	----
----	----	----	----
----	----	----	----

Designed By: SDM | Date: 5/24/2021 1:36 PM | Scale: 1:20

13283 | M-2

13283

MADISON, WI

CONTRACT NO: ----

MARKING PLAN

WESTGATE MALL

M:\DESIGN\Projects\13283\CAD\Traffic\13283TE-PavementMarking.dwg

13283

M-2

REVISED 7/19/22 BY IO
- PATCH LIMIT ADJUSTED AT S WHITNEY WAY.

NOTES:
1. 5' CONCRETE SIDEWALK.
2. TYPE A CONCRETE CURB AND GUTTER.
3. TYPE G CONCRETE CURB AND GUTTER.
4. TYPE H AT ISLAND CORNERS
5. TYPE H CONCRETE CURB AND GUTTER.
6. WATERWAY GUTTER
7. INSTALL MOUNTABLE MEDIAN NOSE PER CITY S.D.D.3.13.

LEGEND
- 7" COLORED CONCRETE (NATURAL BARK).
- 7" PLAIN CONCRETE
- CONCRETE MEDIAN/ SIDEWALK REMOVAL
- 2" MILL & OVERLAY LIMITS (FINAL LIMITS BY CONSTRUCTION ENGINEER)
- SAWCUT LINE
- NEW TREE
- TREE REMOVAL

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.
SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR. 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.

655 S WHITNEY WAY
BUILDING #2

LOT 2

PRIVATE DRIVE

PRIVATE DRIVE

LANDSCAPE AREA

TOKAY PLACE
LOT 4

TOKAY PLACE
LOT 3

SOUTH WHITNEY WAY

STA 206+95.75, 59.99' LT
1016.52 EP/MATCH EX. EP

STA 206+93.75, 59.99' LT
1016.51 EP/ PT/ LOW PT

STA 206+81.08, 58.96' LT
1016.58 EP/MC

STA 206+68.87, 56.47' LT
1016.65 EP/PCC

STA 206+65.52, 51.55' LT
1016.68 EP/MC/ HIGH PT

STA 206+48.47, 68.89' LT
1016.60 EP/MC

STA 206+46.49, 70.62' LT
1016.66 EP/PC/ HIGH PT

STA 206+47.02, 66.70' LT
1016.57 EP/PRC

STA 206+43.28, 117.63' LT
1017.54 BW/MATCH EX. BW

STA 206+25.65, 117.58' LT
1017.20 BW/ KEYSTONE/ LOW PT

STA 206+20.65, 117.57' LT
1017.46 BW/ HIGH PT/MATCH EX. BW

STA 206+31.47, 103.80' LT
EP/ CURB CUT

STA 206+25.19, 69.65' LT
TC/ CURB CUT

STA 206+22.48, 103.75' LT
EP/ CURB CUT

STA 206+17.08, 69.67' LT
TC/ CURB CUT

STA 205+98.53, 70.69' LT
1016.42 EP/PT

STA 205+96.10, 70.18' LT
1016.38 EP/MC

STA 205+94.09, 68.73' LT
1016.35 EP/PRC

STA 205+83.73, 59.32' LT
1016.14 EP/MC

STA 205+71.79, 52.02' LT
1015.94 EP/PRC

STA 205+70.72, 49.78' LT
1015.90 EP/MC

STA 205+51.51, 66.61' LT
1015.88 EP/ MC/ HIGH PT

STA 205+48.53, 69.67' LT
1015.94 EP/PCC

STA 205+41.01, 70.74' LT
1016.02 EP/PC

STA 205+26.56, 70.68' LT
1016.20 EP/MATCH EX. EP

STA 205+49.31, 62.95' LT
1015.83 EP/PCC

STA 205+38.13, 59.72' LT
1015.77 EP/MC

STA 205+26.54, 58.65' LT
1015.71 EP/PC/MATCH EX. EP

STA 206+95.75, 47.67' LT
1016.32 EP/MATCH EX. EP

STA 206+93.75, 47.67' LT
1016.31 EP/ LOW PT

STA 206+86.59, 14.22' LT
1016.11 EP/MATCH EX. EP

STA 206+69.98, 47.60' LT
1016.60 EP/PT

STA 206+52.11, 2.94' LT
1016.19 EP/PT

STA 206+53.57, 7.42' LT
1015.99 EP/MC

STA 206+49.77, 10.19' LT
1015.89 EP/PC

STA 206+42.04, 10.19' LT
1015.85 EP/PT

STA 206+40.54, 9.52' LT
1015.88 EP/PC

STA 206+31.17, 60.13' LT
1016.37 EP/MC

STA 206+34.98, 14.19' LT
1015.81 EP/ MEDIAN PC

STA 206+24.84, 57.28' LT
TC/ CURB CUT

STA 206+17.47, 51.27' LT
TC/ CURB CUT

STA 206+17.43, 49.85' LT
1016.17 EP/PRC

STA 206+15.51, 48.60' LT
1016.15 EP/MC

STA 206+21.75, 14.20' LT
1015.74 EP/ MEDIAN PC

STA 206+13.26, 48.17' LT
1016.12 EP/PT

STA 206+13.29, 7.53' LT
1015.77 FL/ MEDIAN PT

STA 205+77.66, 10.21' LT
1015.49 EP/PT

STA 205+75.78, 8.81' LT
1015.47 EP/MC

STA 205+72.66, 48.23' LT
1015.89 EP/PT/ LOW PT

STA 205+76.52, 6.57' LT
1015.53 EP/PRC

STA 205+59.94, 14.22' LT
1015.43 EP/MATCH EX

STA 206+66.82, 8.56' LT
1016.56 TC/ MC

STA 206+46.49, 1.66' RT
1016.48 EP/MATCH SITE PLAN

STA 206+37.95, 6.53' LT
1016.04 EP/MEDIAN PT

STA 206+31.53, 1.63' RT
1016.37 EP/MATCH SITE PLAN

STA 206+29.39, 6.27' LT
FW/ RAMP OPENING

STA 206+23.27, 6.28' LT
FW/ RAMP OPENING

STA 206+04.54, 5.92' LT
1015.78 EP/MC

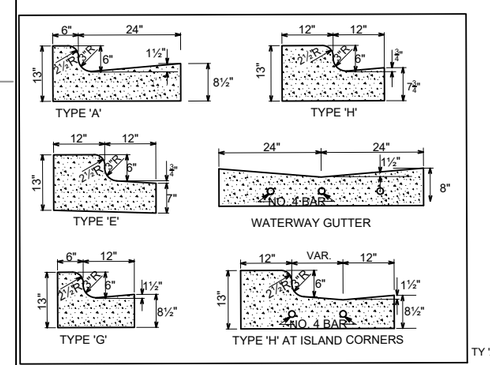
STA 206+06.17, 1.57' RT
1016.10 EP/ MATCH SITE PLAN

STA 205+96.33, 10.21' LT
1015.59 EP/PC

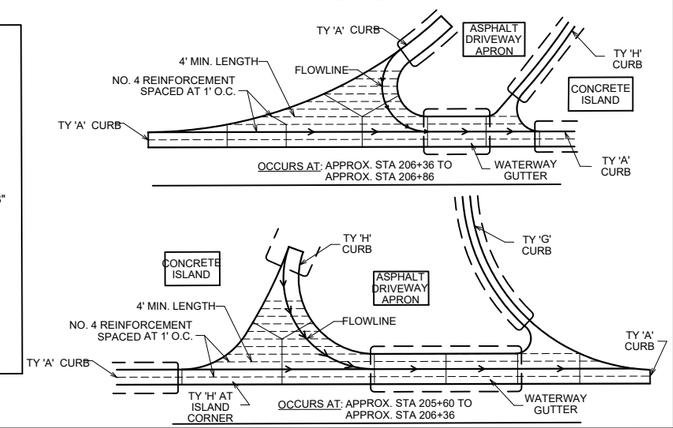
STA 205+82.21, 1.18' RT
1015.64 EP/MC

NOTE 1 · NOTE 2 · NOTE 3 · NOTE 4 · NOTE 5 · NOTE 6 · NOTE 7

CURB AND GUTTER LEGEND



DRIVEWAY WATERWAY DETAIL



MARK	REVISION	DATE	BY
---	---	---	---

Date: 7/18/2022 8:16 AM
Scale: 1:20
Designed By: IO
13283
P-1

13283
MADISON, WI
8982
CONTRACT NO:

S. WHITNEY WAY PLAN SHEET
WESTGATE REDEVELOPMENT PLAT

M:\DESIGN\Projects\13283\CAD\Streets\13283EN-PnP_Rev_6-22-22.dwg

13283
P-1

REVISED 7/19/22 BY IO

SOUTH WHITNEY WAY

BENCHMARK #1
TOP OF HYDRANT
ELEV.=1018.75

120' WIDE

INL #16

NOTE 3

STA 209+70.30, 14.47' LT
1017.42 EP/ MATCH EXISTING

8' 24' 8'

STA 210+26.89, 14.13' LT
1017.62 EP/ MATCH EXISTING

NOTE 2

NOTE 1

205+25 206+00 207+00 208+00 209+00 210+00 211

3% 4%

101

STA 209+60.98, 0.00' RT
1018,00 BW/ HIGH PT
STA 209+77.75, 0.09' RT
1017.94 BW/ MATCH EXISTING
STA 209+80.76, 0.11' RT
1017.95 BW/ DRIVEWAY

STA 210+24.59, 0.01' RT
1018.14 BW/ MATCH EXISTING
STA 210+04.77, 0.04' LT
1017.83 BW/ DRIVEWAY/ LOW PT

SIGN

655 S WHITNEY WAY
BUILDING #2

LOT 2

FFE = 1018.00
LLE = 1008.00

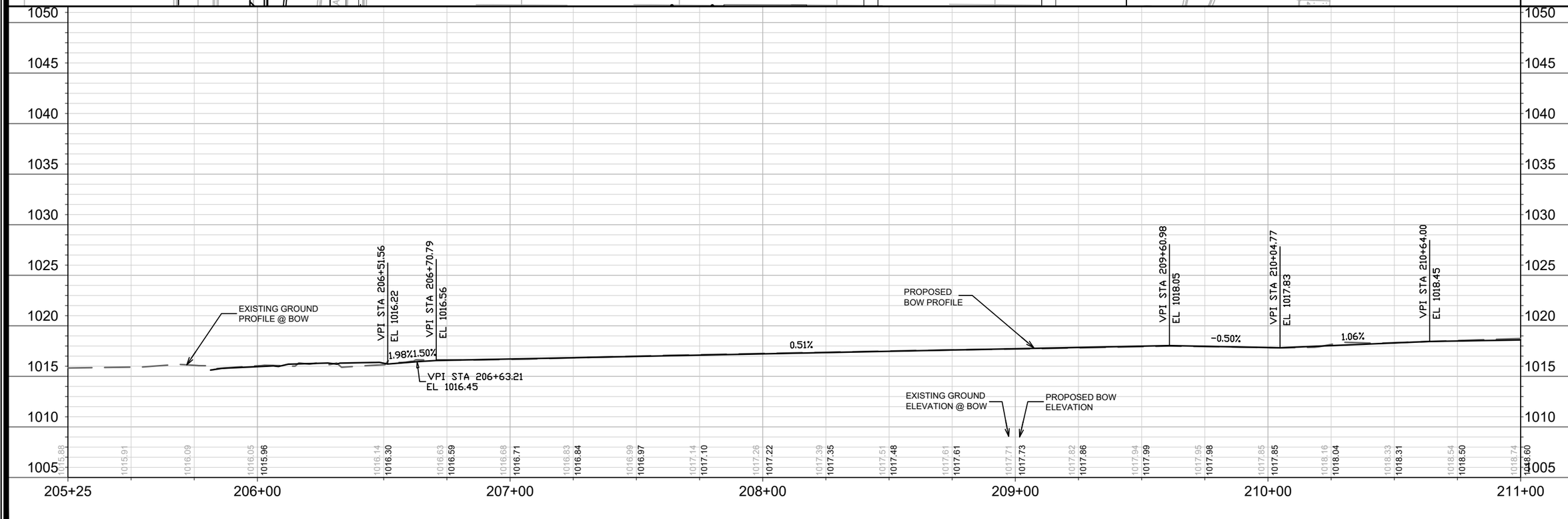
BITUMINOUS PAVEMENT

LANDSCAPE AREA

LEGEND
- 7" COLORED CONCRETE (NATURAL BARK)
- 7" PLAIN CONCRETE
- CONCRETE MEDIAN/ SIDEWALK REMOVAL (FINAL LIMITS BY CONSTRUCTION ENGINEER)
- PATCHING/ MILL & OVERLAY LIMITS
- SAWCUT LINE
- NEW TREE
- TREE REMOVAL

NOTES:
1. 7" CONCRETE DRIVEWAY & SIDEWALK. SEE COMMERCIAL DRIVEWAY PERMIT NO. LNDUSE-2020-00065 M:\DESIGN\Traffic\Maps_Plans\ParkingLotPlansTE\W\Westgate Mall 160\Westgate Mall 160 Permit_210512
2. REPLACEMENT OF EXISTING 5' CONCRETE SIDEWALK SHALL BE DETERMINED BY CONSTRUCTION ENGINEER.
3. TYPE 'A' CONCRETE CURB AND GUTTER.

MATCH LINE 211+00.00



MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO | Date: 7/18/2022 8:17 AM | Scale: 1:40

13283

CONTRACT NO: 8982

MADISON, WI

S. WHITNEY WAY SIDEWALK

WESTGATE REDEVELOPMENT PLAT

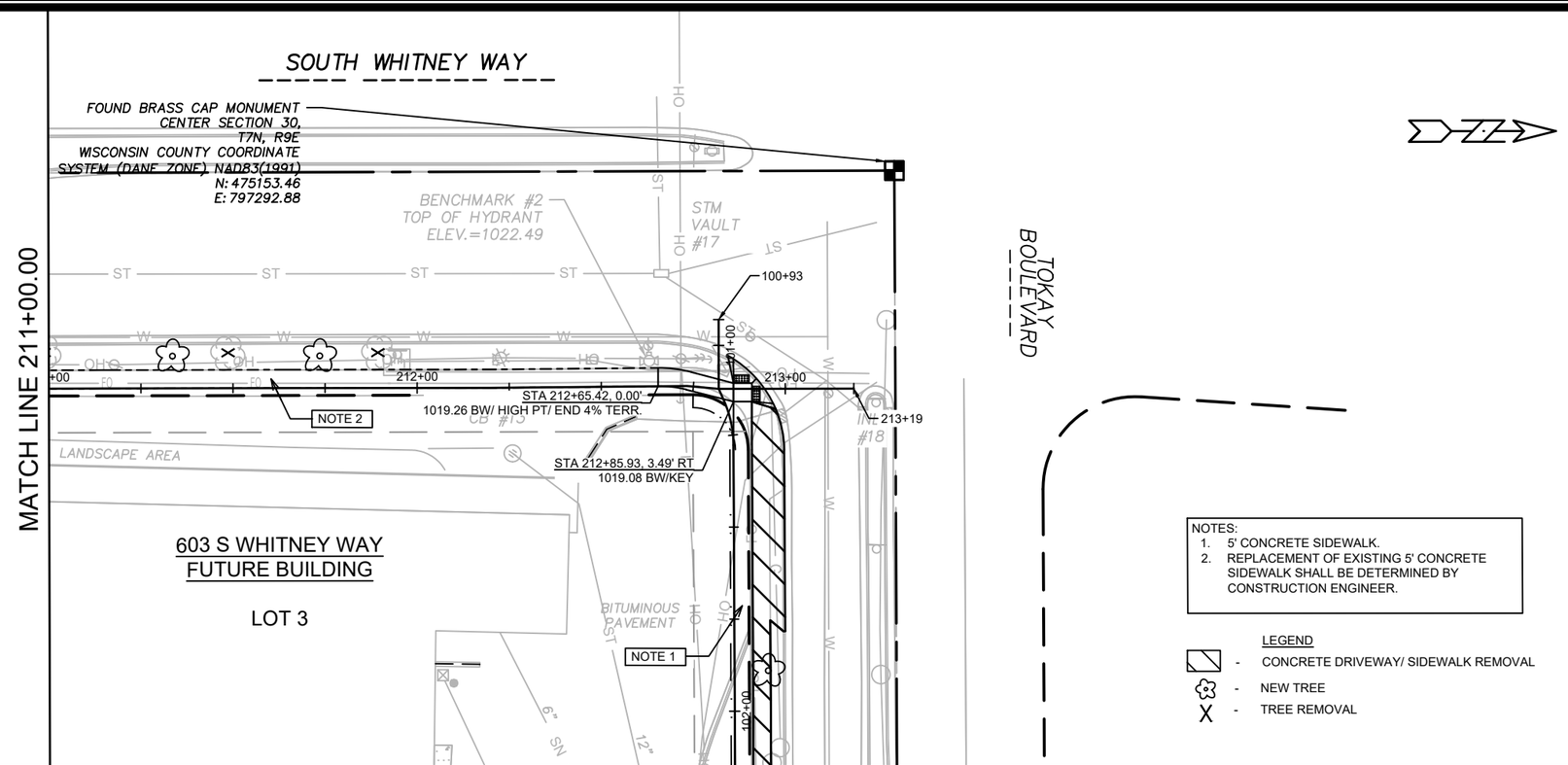
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-PnP_Rev_6-22-22.dwg

CITY OF MADISON WISCONSIN

13283

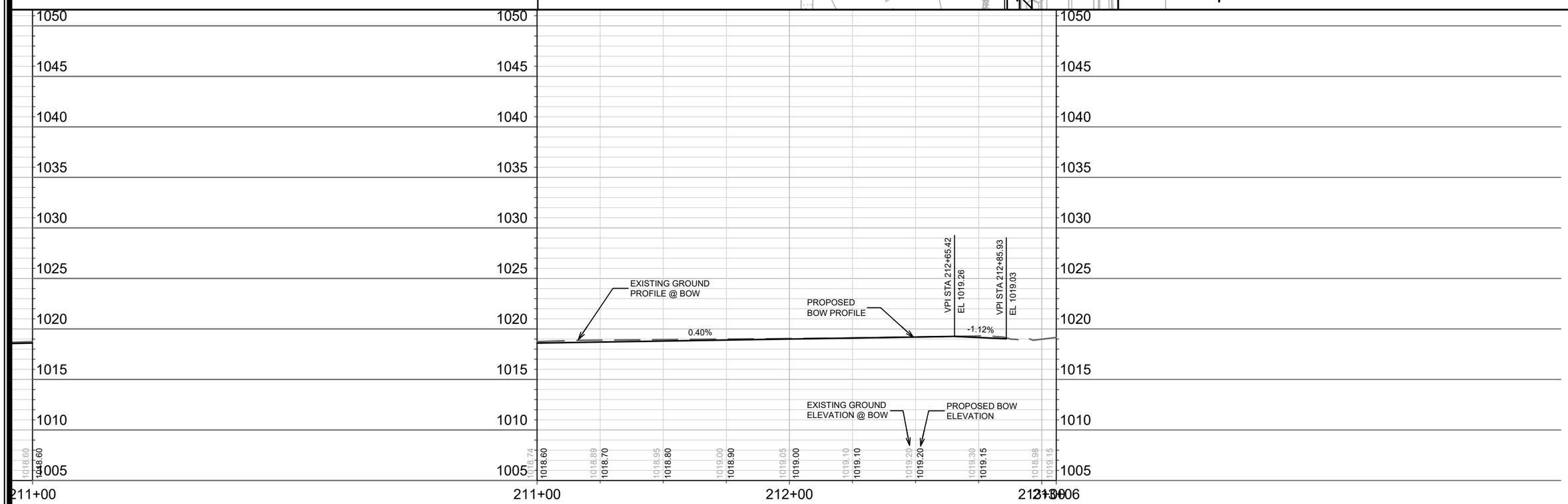
P-2

REVISED 7/19/22 BY IO
- REDUCED SCOPE OF WORK AT TOKAY BLVD.



NOTES:
1. 5' CONCRETE SIDEWALK.
2. REPLACEMENT OF EXISTING 5' CONCRETE SIDEWALK SHALL BE DETERMINED BY CONSTRUCTION ENGINEER.

LEGEND
- CONCRETE DRIVEWAY/ SIDEWALK REMOVAL
- NEW TREE
- TREE REMOVAL



MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO | Date: 7/18/2022 8:17 AM | Scale: 1:40

13283 | P-3

13283

MADISON, WI

CONTRACT NO: 8982

S. WHITNEY WAY SIDEWALK

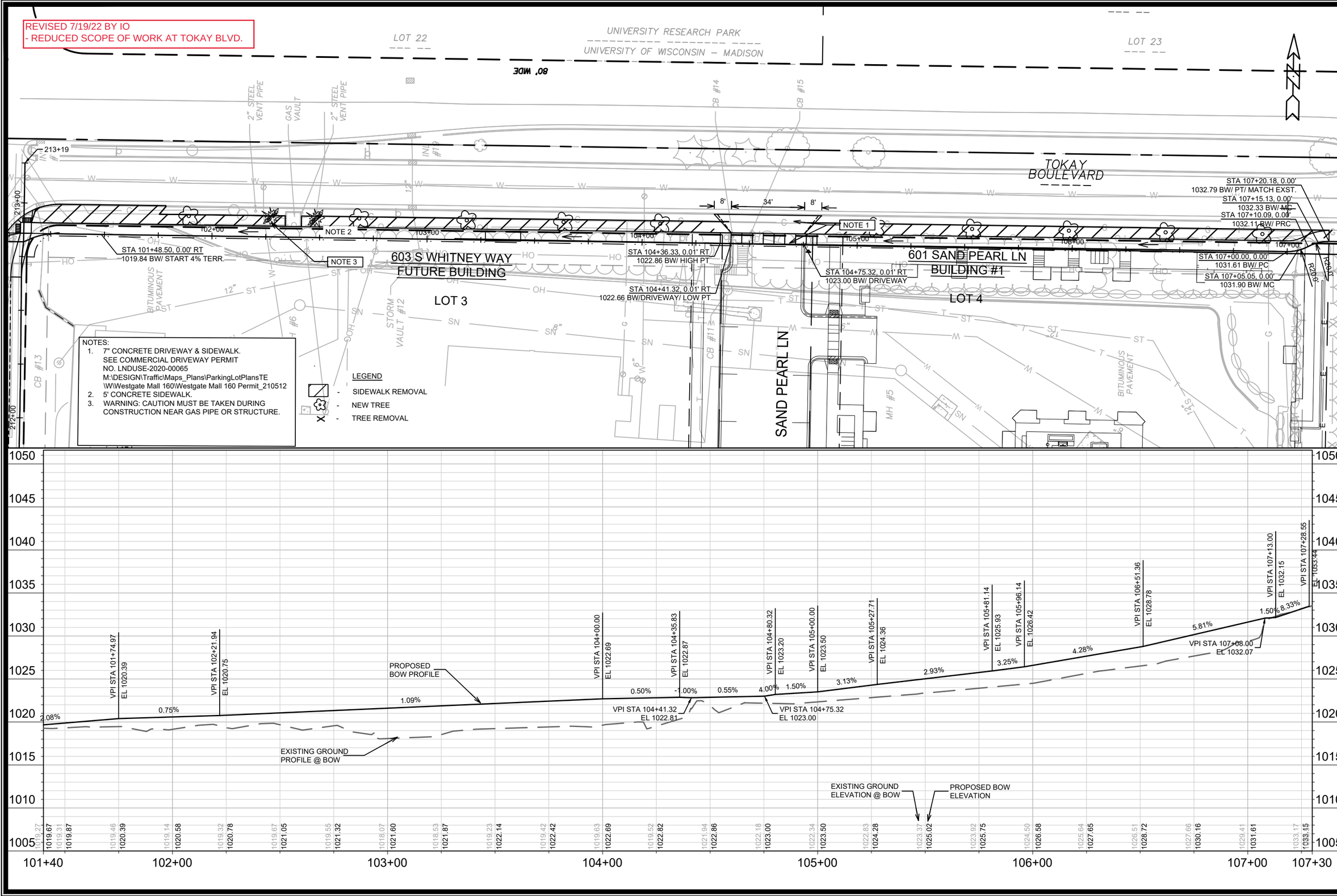
WESTGATE REDEVELOPMENT PLAT

M:\DESIGN\Projects\13283\CAD\Streets\13283EN-PnP_Rev_6-22-22.dwg

13283

P-3

REVISED 7/19/22 BY IO
- REDUCED SCOPE OF WORK AT TOKAY BLVD.



MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO | Date: 7/18/2022 8:13 AM | Scale: 1:40

13283 | P-4

13283

MADISON, WI

CONTRACT NO: 8982

TOKAY BLVD SIDEWALK PLAN & PROFILE

WESTGATE REDEVELOPMENT PLAT

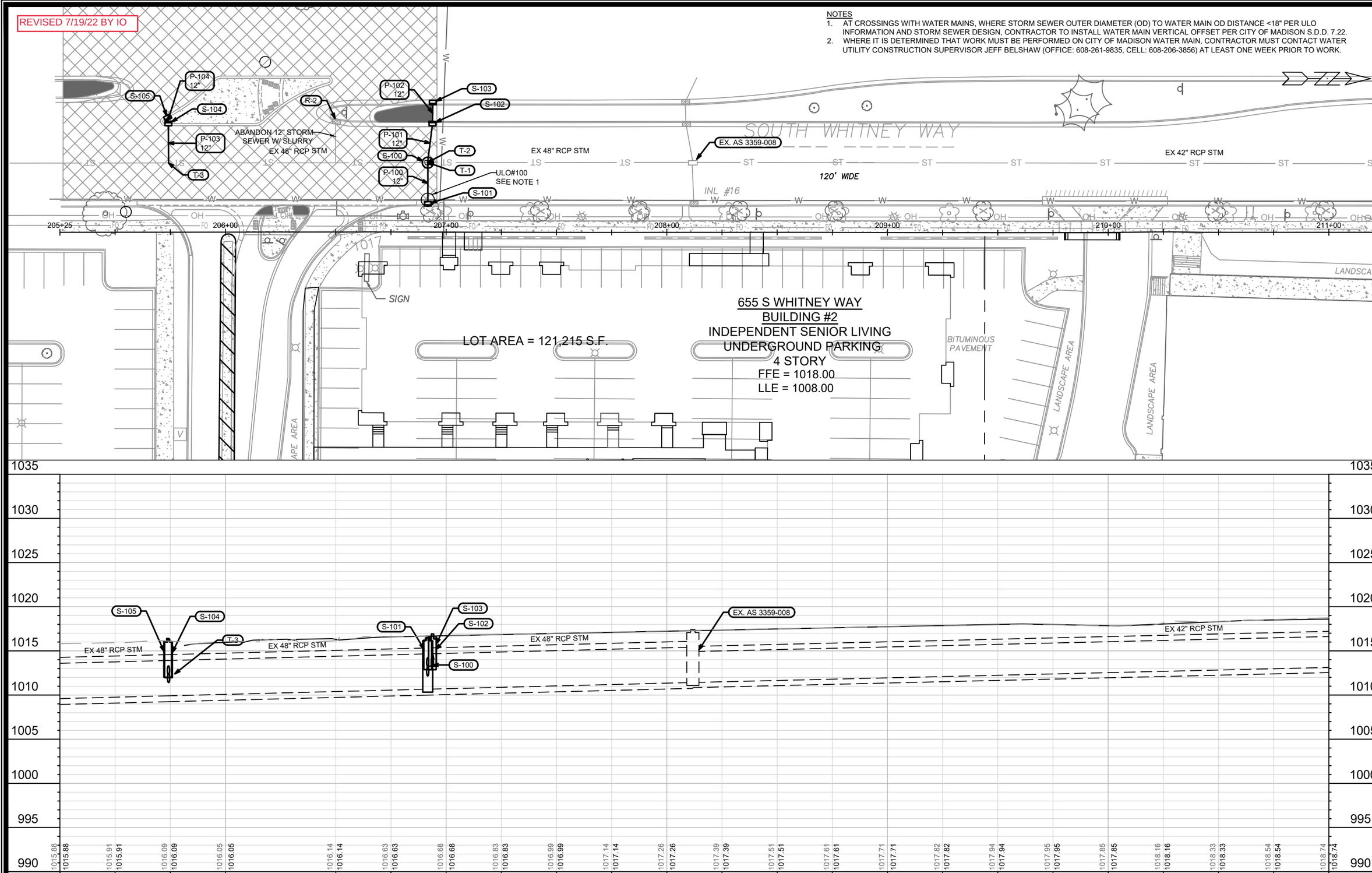
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-PnP_Rev_6-22-22.dwg

13283

P-4

REVISED 7/19/22 BY IO

NOTES
1. AT CROSSINGS WITH WATER MAINS, WHERE STORM SEWER OUTER DIAMETER (OD) TO WATER MAIN OD DISTANCE <18" PER ULO INFORMATION AND STORM SEWER DESIGN, CONTRACTOR TO INSTALL WATER MAIN VERTICAL OFFSET PER CITY OF MADISON S.D.D. 7.22.
2. WHERE IT IS DETERMINED THAT WORK MUST BE PERFORMED ON CITY OF MADISON WATER MAIN, CONTRACTOR MUST CONTACT WATER UTILITY CONSTRUCTION SUPERVISOR JEFF BELSHAW (OFFICE: 608-261-9835, CELL: 608-206-3856) AT LEAST ONE WEEK PRIOR TO WORK.



MARK	REVISION	DATE	BY
###	###	###	###
###	###	###	###
###	###	###	###
###	###	###	###

Designed By: LES | Date: 7/18/2022 8:25 AM | Scale: 1:40

13283 | U-1

13283

MADISON, WI

CONTRACT NO: 8962

S. WHITNEY WAY UTILITIES PLAN & PROFILE

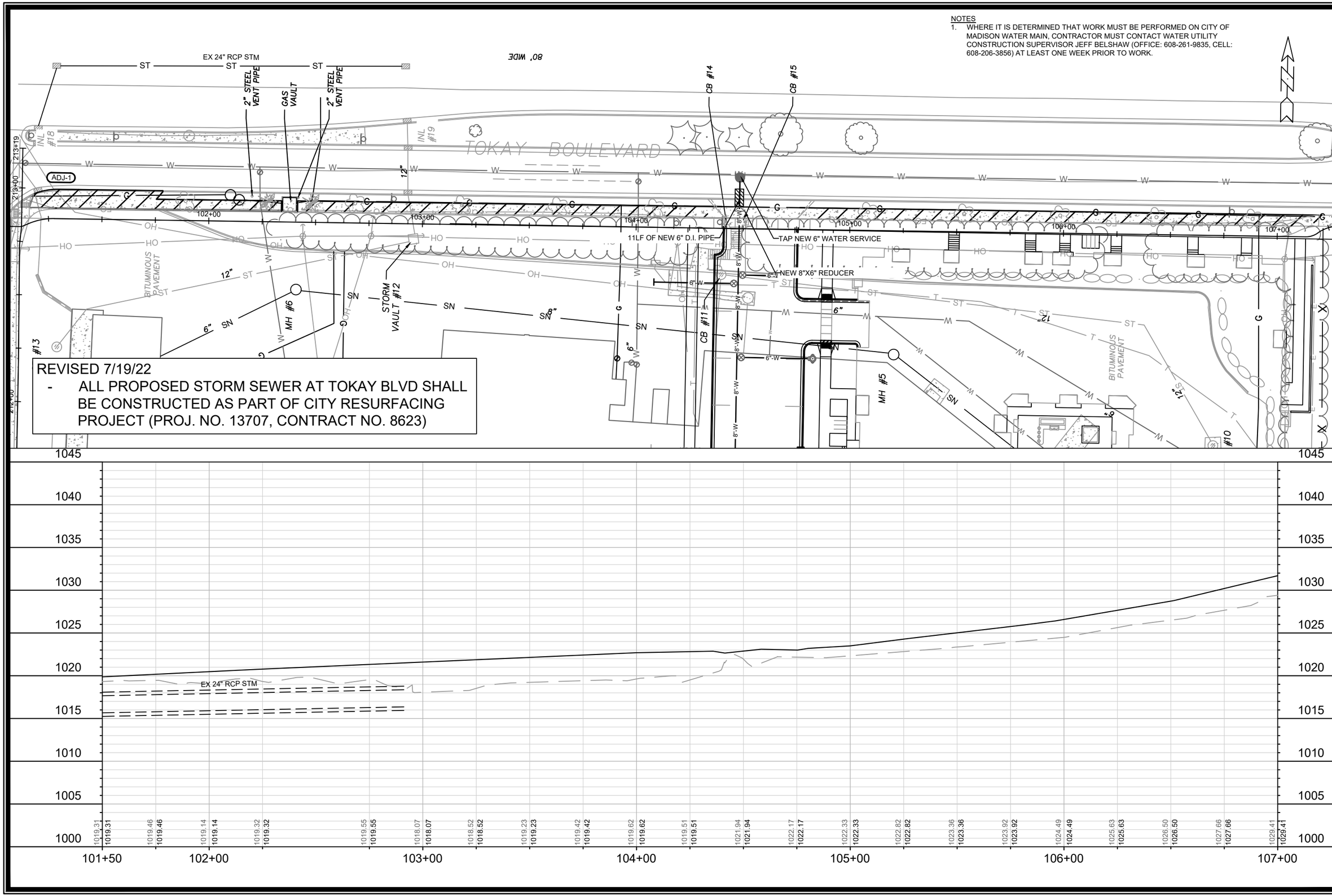
WESTGATE REDEVELOPMENT PLAT

M:\DESIGN\Projects\13283\CAD\Sewers\13283SWR-PnP.dwg

13283

U-1

NOTES
1. WHERE IT IS DETERMINED THAT WORK MUST BE PERFORMED ON CITY OF MADISON WATER MAIN, CONTRACTOR MUST CONTACT WATER UTILITY CONSTRUCTION SUPERVISOR JEFF BELSHAW (OFFICE: 608-261-9835, CELL: 608-206-3856) AT LEAST ONE WEEK PRIOR TO WORK.



MARK	REVISION	DATE	BY
###	###	###	###
###	###	###	###
###	###	###	###
###	###	###	###

Designed By: LES | Date: 8/16/2022 7:06 AM | Scale: 1:40

13283 | U-2

13283

MADISON, WI

CONTRACT NO: 8962

TOKAY BOULEVARD UTILITIES PLAN & PROFILE

WESTGATE REDEVELOPMENT PLAT

M:\DESIGN\Projects\13283\CAD\Sewers\13283SWR-PnP.dwg

CITY OF MADISON WISCONSIN

13283

U-2

STORM SEWER SCHEDULE

*** REVISED 7/19/22 - ALL PROPOSED STM SEWER AT TOKAY BLVD SHALL BE CONSTRUCTED AS PART OF CITY RESURFACING PROJECT (PROJ. NO. 13707, CONTRACT NO. 8623)**

WESTGATE REDEVELOPMENT PLAT	SHEET NO.
PROJECT NO. 13283	U-STM
STORM SEWER SCHEDULE	
	CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
TOKAY BLVD							
~~S-1*~~	~~102+91.11~~	~~LT-73.68~~	~~4X4 STORM SAS~~	~~1020.99~~	~~1016.36~~	~~4.63~~	~~FP; W/ R-3067-7004-V~~
~~S-2*~~	~~103+23.43~~	~~LT-14.35~~	~~3X3 STORM SAS~~	~~1021.44~~	~~1017.19~~	~~4.25~~	~~W/ R-3067-7004V~~
~~S-3*~~	~~104+30.94~~	~~LT-14.51~~	~~3X3 STORM SAS~~	~~1022.33~~	~~1017.87~~	~~4.46~~	~~W/ R-3067-7004V~~
~~S-4*~~	~~104+39.95~~	~~LT-36.00~~	~~H INLET~~	~~1021.93~~	~~1018.93~~	~~3.00~~	~~w/ R-1878-B7G~~
~~S-5*~~	~~104+81.13~~	~~LT-35.46~~	~~H INLET~~	~~1023.02~~	~~1019.69~~	~~3.33~~	~~W/ R-3067-7004V~~
~~S-6*~~	~~104+86.92~~	~~LT-51.61~~	~~H INLET~~	~~1023.12~~	~~1019.79~~	~~3.33~~	~~W/ R-3067-7004V~~
~~S-7*~~	~~104+86.11~~	~~LT-14.53~~	~~H INLET~~	~~1023.08~~	~~1019.75~~	~~3.33~~	~~W/ R-3067-7004V~~
S WHITNEY WAY							
S-100	206+91.65	LT-31.42	SADDLED 5X5 STORM SAS	1016.48	1010.66	5.82	FP; SEE SPEC. NOTE 1
S-101	206+91.67	LT-12.78	H INLET	1016.54	1013.21	3.33	W/ R-3067-7004V
S-102	206+93.73	LT-49.13	H INLET	1016.68	1013.20	3.48	W/ R-3067-7004VB
S-103	206+93.84	LT-58.71	H INLET	1016.92	1013.59	3.33	W/ R-3067-7004VB
S-104	205+74.19	LT-49.25	H INLET	1016.33	1012.30	4.03	W/ R-3067-7004VB
S-105	205+73.86	LT-51.95	H INLET	1016.40	1012.35	4.05	W/ R-3067-7004VB

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
~~P-1*~~	~~S-1~~	~~S-2~~	~~1016.86~~	~~1017.19~~	~~68~~	~~64~~	~~0.52%~~	~~18"~~	~~RCP~~	
~~P-2*~~	~~S-2~~	~~S-3~~	~~1017.19~~	~~1017.87~~	~~108~~	~~105~~	~~0.65%~~	~~18"~~	~~RCP~~	
~~P-3*~~	~~S-3~~	~~S-4~~	~~1018.12~~	~~1018.93~~	~~23~~	~~21~~	~~3.93%~~	~~15"~~	~~RCP~~	
~~P-4*~~	~~S-4~~	~~S-5~~	~~1019.18~~	~~1019.69~~	~~41~~	~~38~~	~~1.34%~~	~~12"~~	~~RCP~~	
~~P-5*~~	~~S-5~~	~~S-6~~	~~1019.69~~	~~1019.79~~	~~17~~	~~15~~	~~0.68%~~	~~12"~~	~~RCP~~	
~~P-6*~~	~~S-3~~	~~S-7~~	~~1018.37~~	~~1019.75~~	~~55~~	~~52~~	~~2.64%~~	~~12"~~	~~RCP~~	
P-100	T-1	S-101	1012.16	1013.21	19	16	6.68%	12"	RCP	
P-101	T-2	S-102	1012.16	1013.20	18	15	7.01%	12"	RCP	
P-102	S-102	S-103	1013.20	1013.59	10	8	5.11%	12"	RCP	
P-103	T-3	S-104	1011.41	1012.30	18	17	5.26%	12"	RCP	
P-104	S-104	S-105	1012.30	1012.35	3	1	7.69%	12"	RCP	

PROPOSED STORM TAPS

TAP NO.	STRUC. NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
S WHITNEY WAY							
T-1	EX. 48" RCP	206+91.65	LT-31.42	-	1012.16	-	MATCH CENTERLINE OF PIPES
T-2	EX. 48" RCP	206+91.65	LT-31.42	-	1012.16	-	MATCH CENTERLINE OF PIPES
T-3	EX. 48" RCP	205+74.26	LT-31.36	-	1011.41	-	MATCH CENTERLINE OF PIPES

PROPOSED STORM REMOVALS

REMOVAL NO.	STRUC. NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
TOKAY BLVD							
~~R-1*~~	~~EX. IN 3358-006~~	~~102+91.11~~	~~LT-73.68~~	~~1020.99~~	~~1016.36~~	~~4.63~~	~~REPLACE W/ S-1~~
S WHITNEY WAY							
R-2	EX. IN 3359-011	206+50.58	LT-50.34	1016.36	-	-	INVERT ELEVATION UNKNOWN

PROPOSED STORM ADJUSTMENTS

ADJ NO.	STRUC. NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
TOKAY BLVD							
~~ADJ-1*~~	~~EX. IN 3359-007~~	~~101+22.40~~	~~LT-13.73~~	~~1019.04~~	~~-~~	~~-~~	~~REPLACE CASTING W/ R-3670-7004-V~~

UTILITY LINE OPENINGS

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
TOKAY BLVD					
ULO 1	103+16.93	LT-25.20	WATER	-	
ULO 2	104+35.33	LT-25.09	WATER	-	
S WHITNEY WAY					
ULO 100	206+91.67	LT-14.58	WATER	-	

SPECIFIC NOTES:

1) SADDLED SAS TO BE CONSTRUCTED PER CITY OF MADISON S.D.D. 5.7.9A (TYPE B); W/ R-1550-0054 CASTING

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

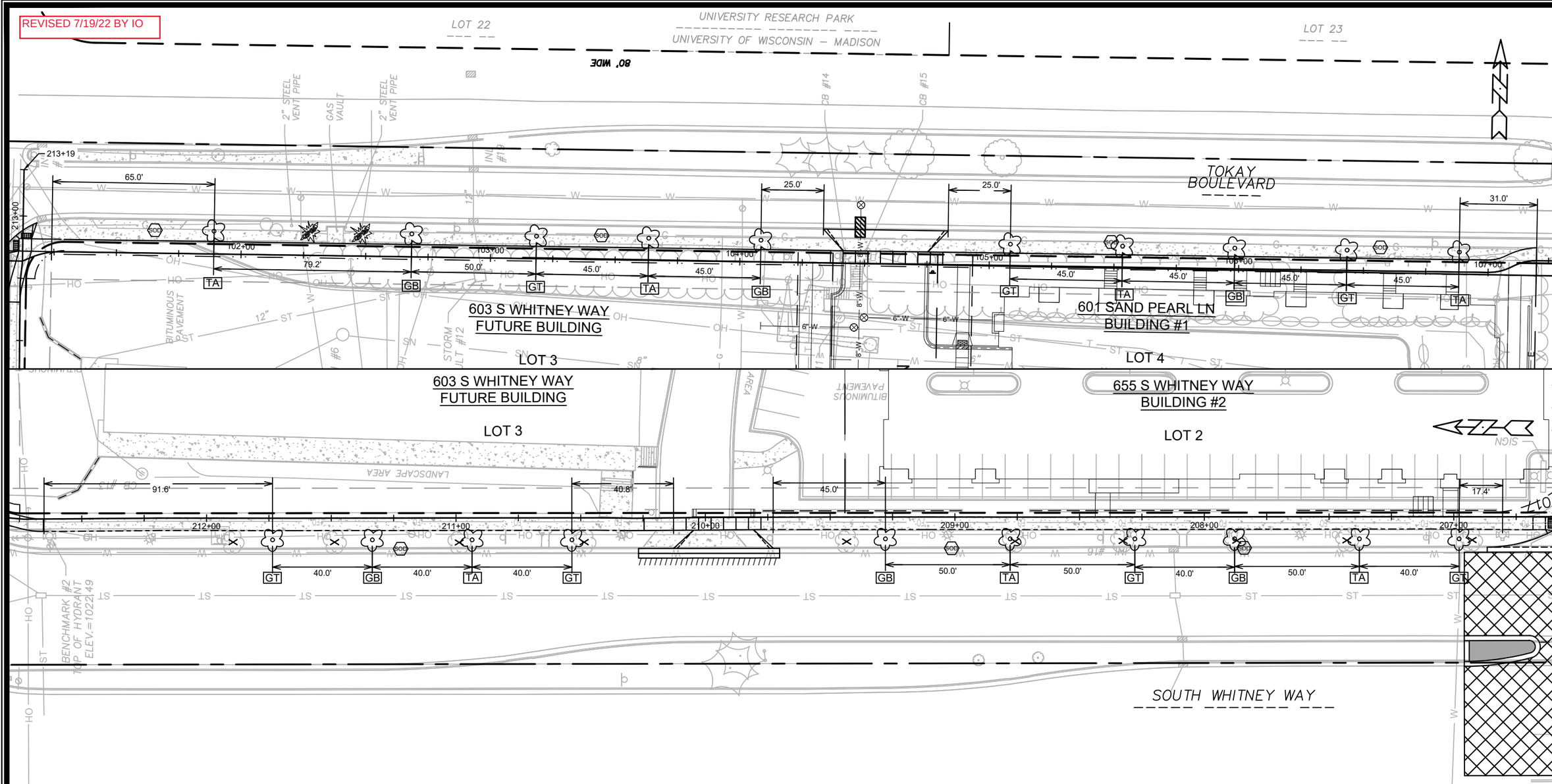
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT LAUREN STRIEGL OF CITY ENGINEERING AT (608) 266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LSTRIEGL@CITYOFMADISON.COM.

REVISED 7/19/22 BY IO



PLANT LIST

KEY	SCIENTIFIC NAME	COMMON NAME	QTY	SIZE	ROOT
	DECIDUOUS TREES				
GB	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	6	2"	B&B
GT	Gleditsia triacanthos 'Draves'	Streetkeeper Honeylocust	7	2"	B&B
TA	Tilia americana 'McKSentry'	American Sentry Linden	7	2"	B&B

LEGEND

X - TREE REMOVAL

SOD - PREMIUM KENTUCKY BLUEGRASS SOD

STREET TREE NOTES:

1. ALL EXISTING STREET TREES ON WHITNEY WAY WILL BE REMOVED FOR UNDERGROUND UTILITY CONSTRUCTION.
2. NEW STREET TREE LOCATIONS AND TREE SPECIES WITHIN THE RIGHT-OF-WAY HAVE BEEN DETERMINED IN CONJUNCTION WITH CITY FORESTRY. CONTRACTOR SHALL CONTACT CITY FORESTRY, WAYNE BUCKLEY AT wbuckley@cityofmadison.com or (608) 266-4892 FOR APPROVAL OF FINAL PLANTING LOCATIONS AND TREE SPECIES. AT LEAST ONE PRIOR TO STREET TREE PLANTING, CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.
3. TREE DIMENSION IS STRAIGHT LINE FROM TREE CENTER TO CENTER, OR FROM CENTER OF TREE TO EDGE OF DRIVEWAY, HYDRANT OR UTILITY STRUCTURE.
4. WARNING: ULO REQUIRED ON TOKAY BLVD BEFORE TREE PLANTING DUE TO POTENTIAL GAS LINE CONFLICT.
5. REPLACE 12" TOP SOIL, SEED & MAT.

MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO | Date: 8/10/2022 11:37 AM | Scale: 1:40 | L-1

13283

MADISON, WI

CONTRACT NO: 8982

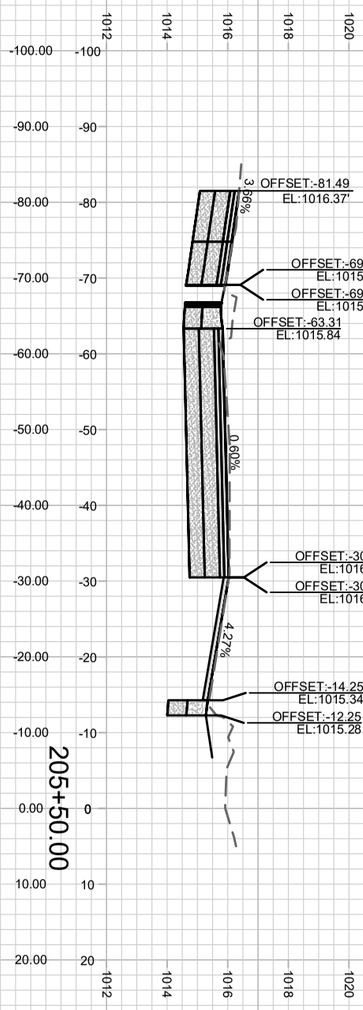
LANDSCAPE PLAN

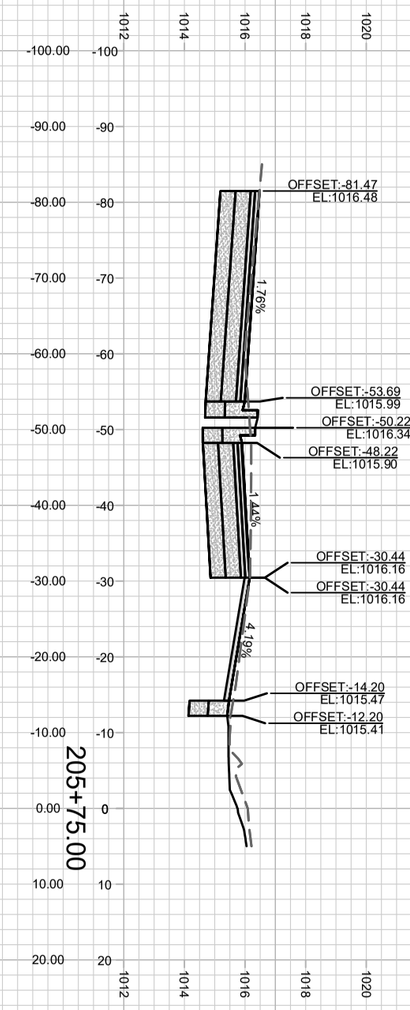
WESTGATE REDEVELOPMENT PLAT

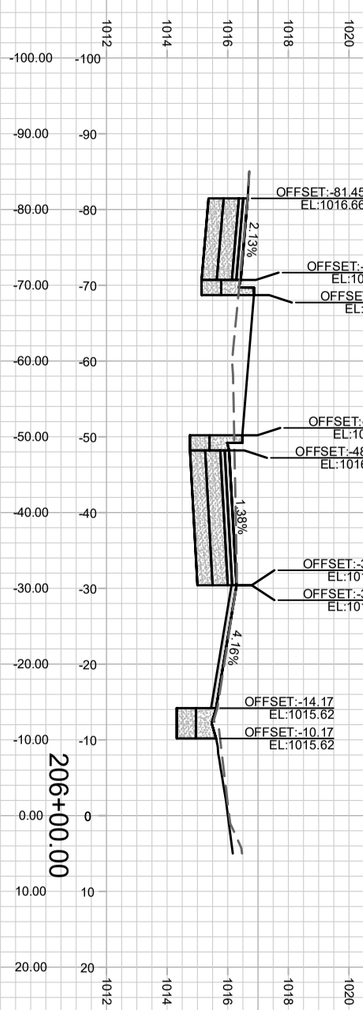
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-PnP.dwg

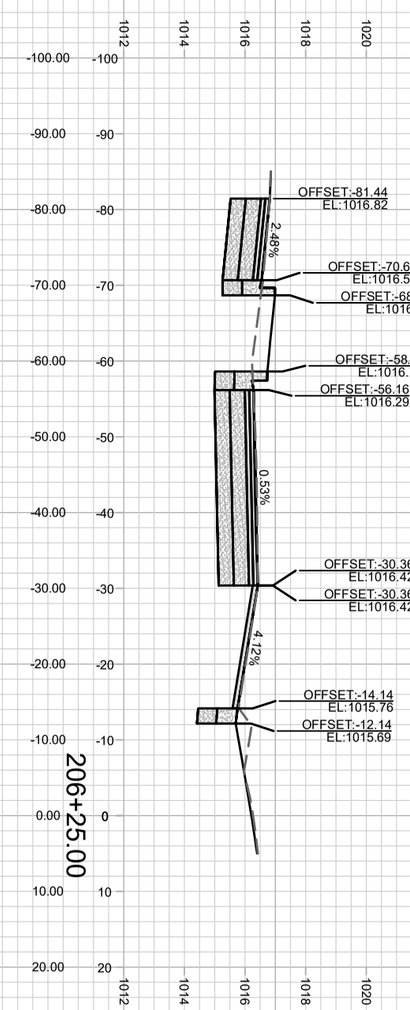
13283

L-1









X-1

13283

S WHITNEY WAY CROSS SECTION 13283

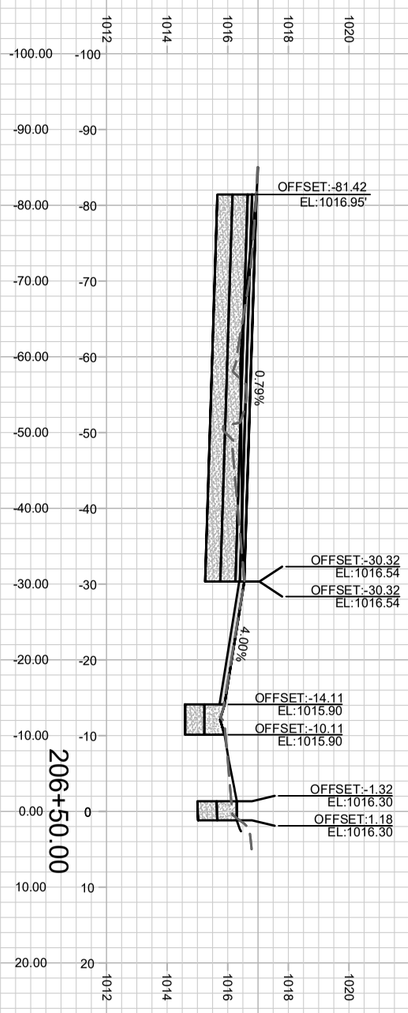
WESTGATE REDEVELOPMENT PLAT MADISON, WI

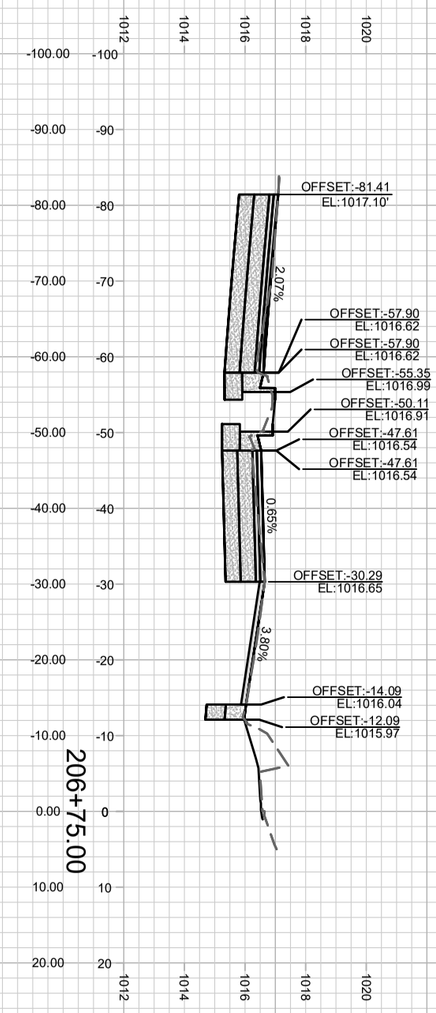
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-AliProf&Corridor_Setup.dwg CONTRACT NO: 8982

MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO | Date: 5/24/2021 12:56 PM | Scale: 1:20

13283 X-1





X-2

13283

S WHITNEY WAY CROSS SECTION 13283

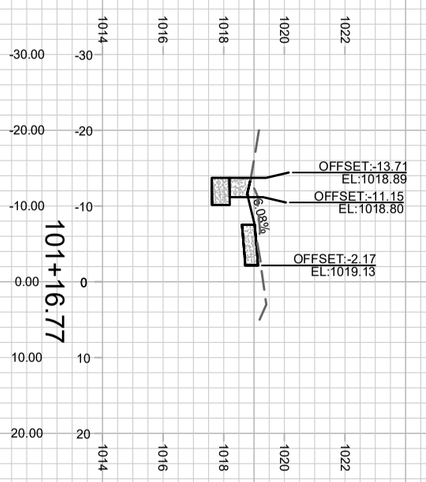
WESTGATE REDEVELOPMENT PLAT MADISON, WI

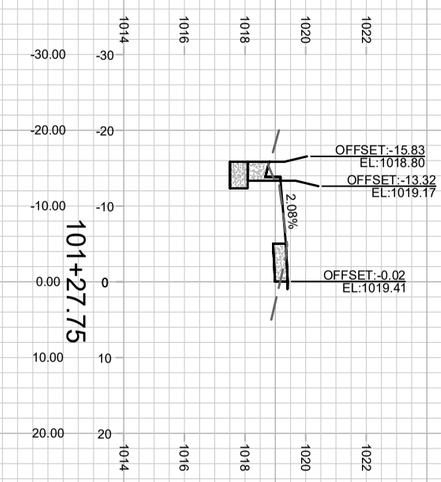
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-AliProf&Corridor_Setup.dwg CONTRACT NO: 8982

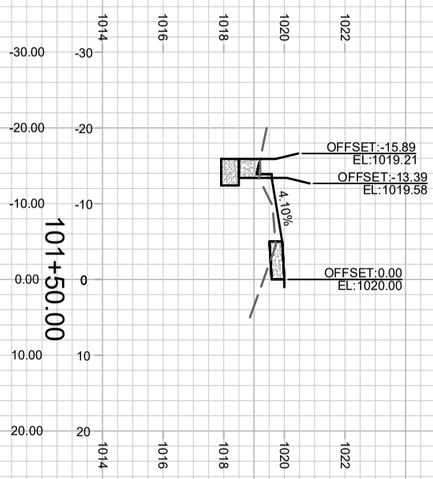
MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

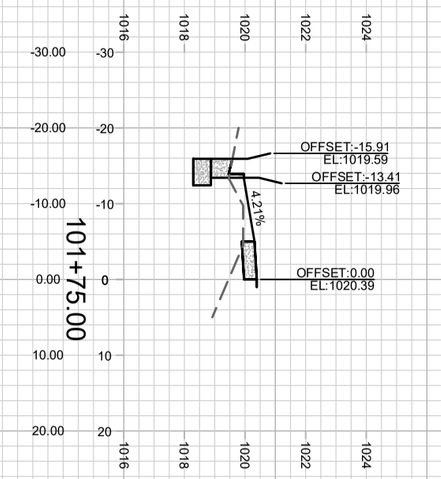
Designed By: IO | Date: 5/24/2021 12:56 PM | Scale: 1:20

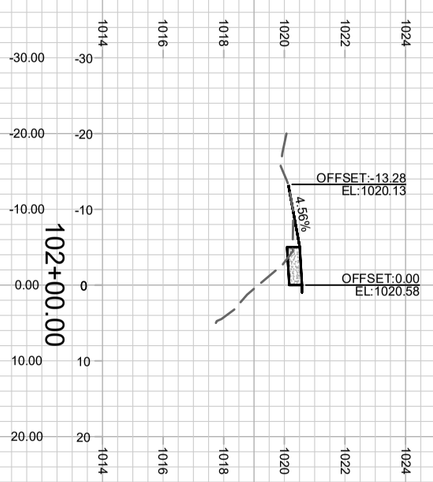
13283 X-2

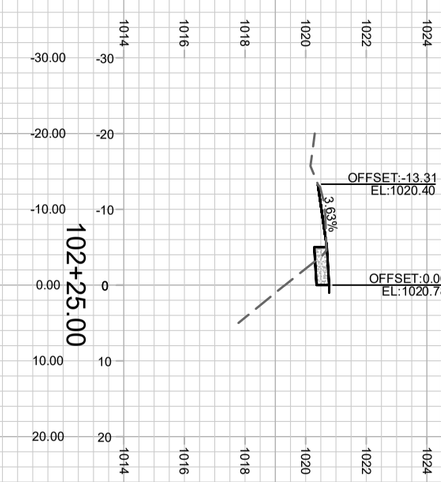












X-3

13283

TOKAY BLVD SIDEWALK CROSS SECTION 13283

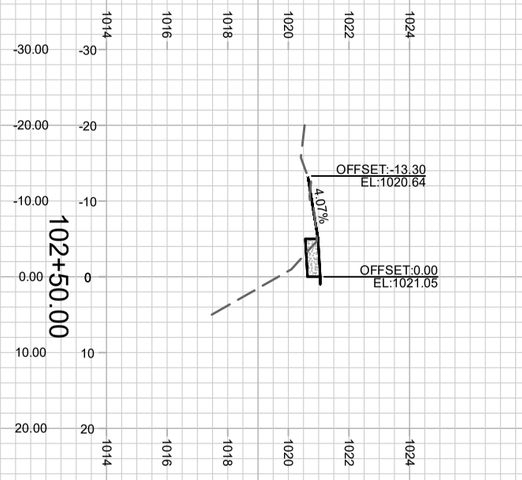
WESTGATE REDEVELOPMENT PLAT MADISON, WI

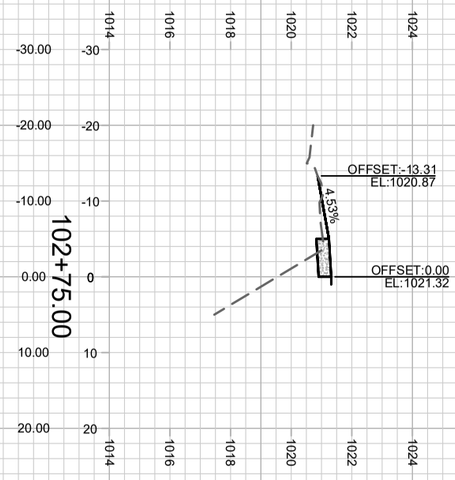
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-AliProf&Corridor_Setup.dwg CONTRACT NO: 8982

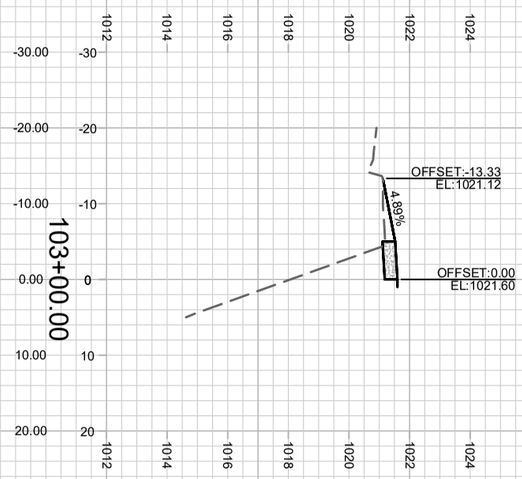
MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

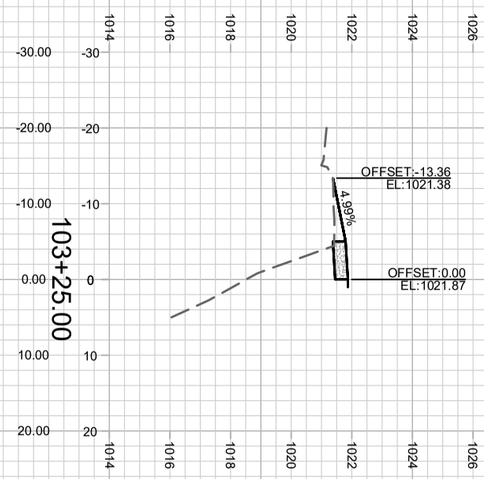
Designed By: IO | Date: 5/24/2021 12:56 PM | Scale: 1:20

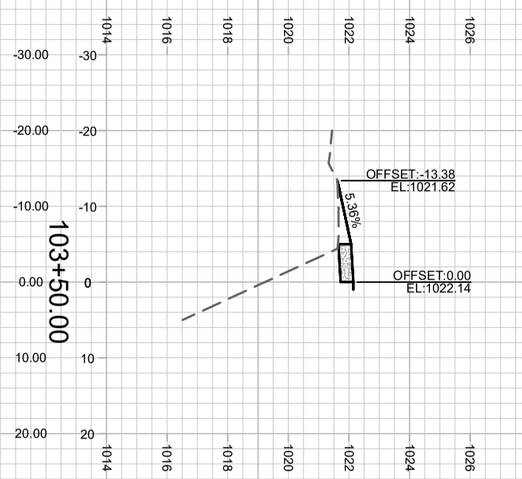
13283 X-3

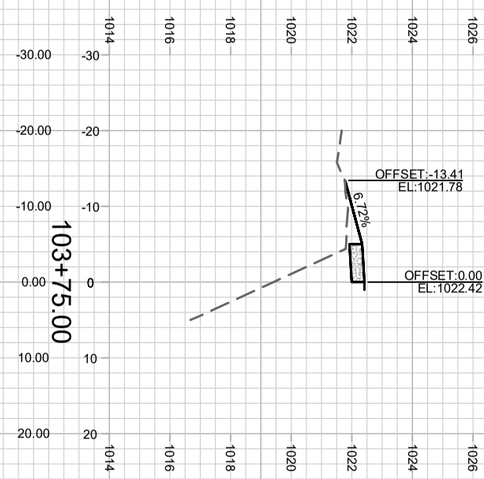












X-4

13283

TOKAY BLVD SIDEWALK CROSS SECTION 13283

WESTGATE REDEVELOPMENT PLAT MADISON, WI

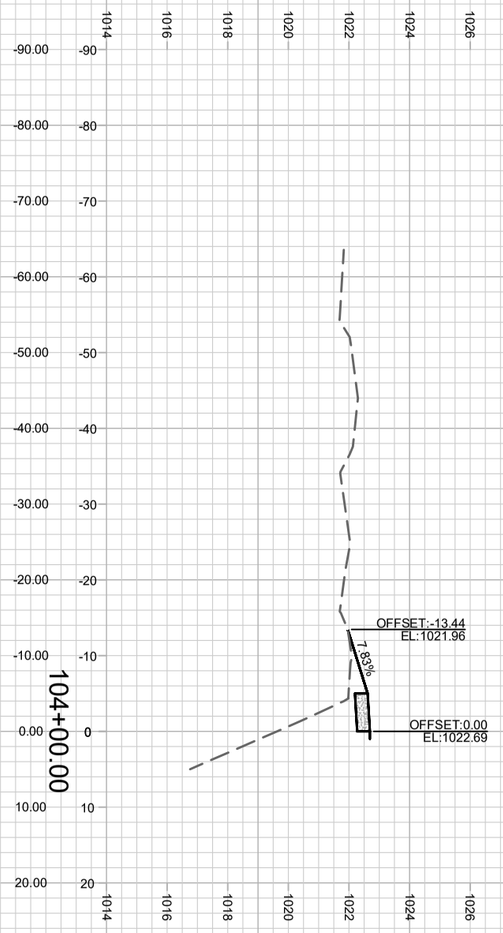
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-AliProf&Corridor_Setup.dwg CONTRACT NO: 8982

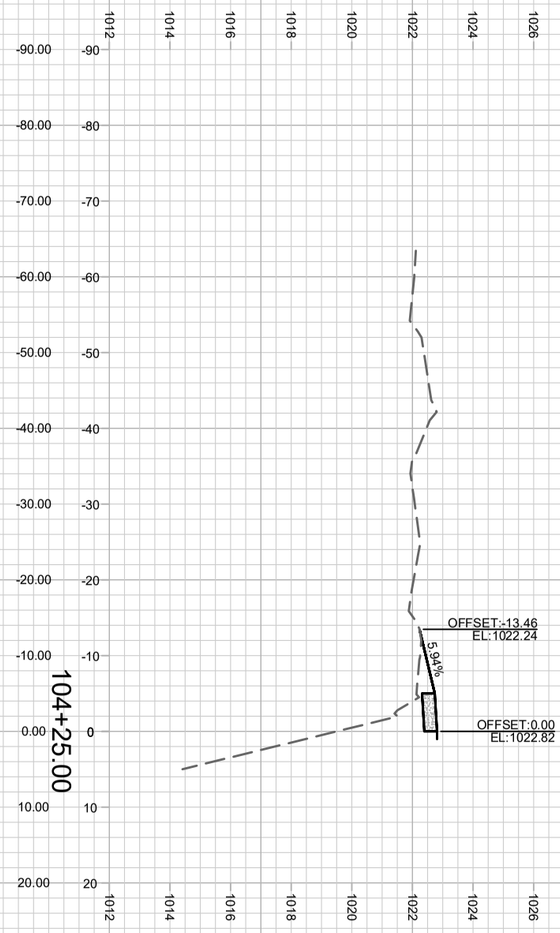
MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

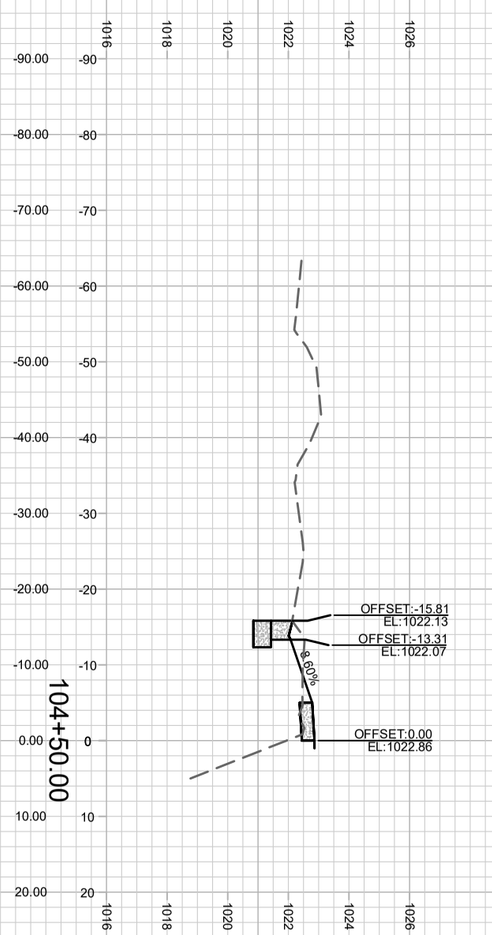
Designed By: IO | Date: 5/24/2021 12:57 PM | Scale: 1:20

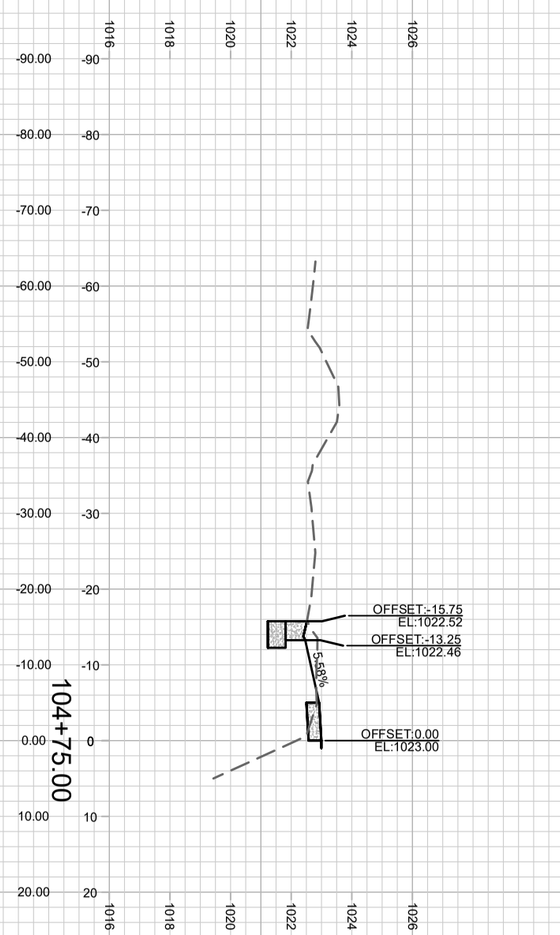
13283 X-4

REVISED 7/19/22 BY IO









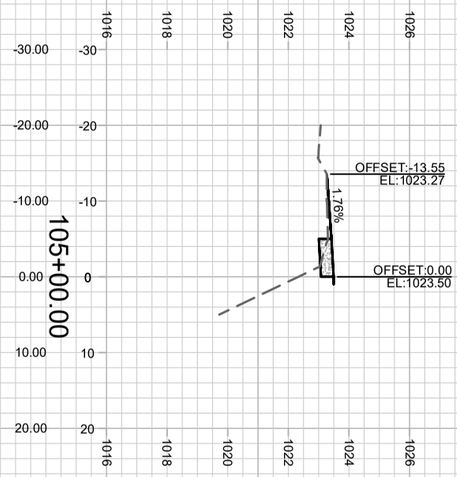
TOKAY BLVD SIDEWALK CROSS SECTION		13283	
WESTGATE REDEVELOPMENT PLAT		MADISON, WI	
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-AliProf&Corridor_Setup.dwg	CONTRACT NO:	8982	

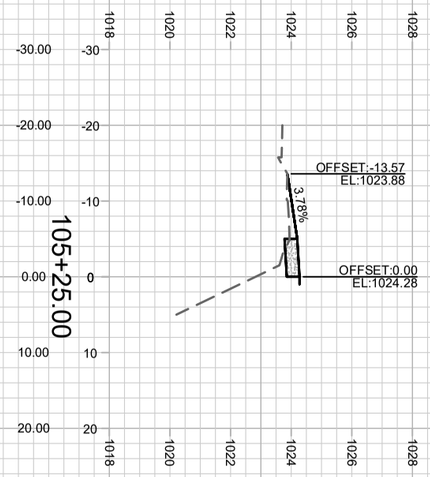
MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

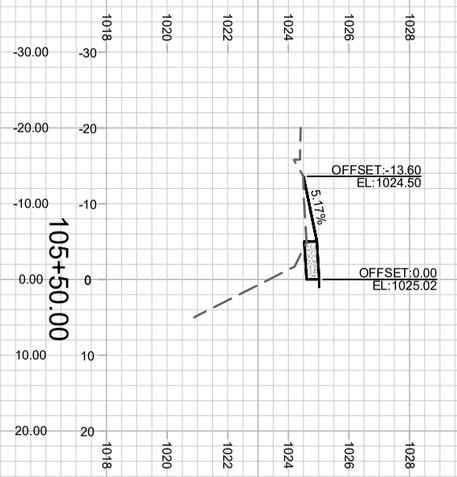
Designed By: IO	Date: 7/20/2022 8:42 AM	Scale: 1:20
13283		X-5

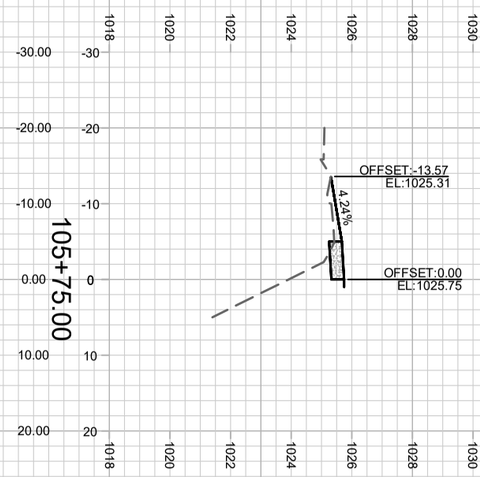
13283

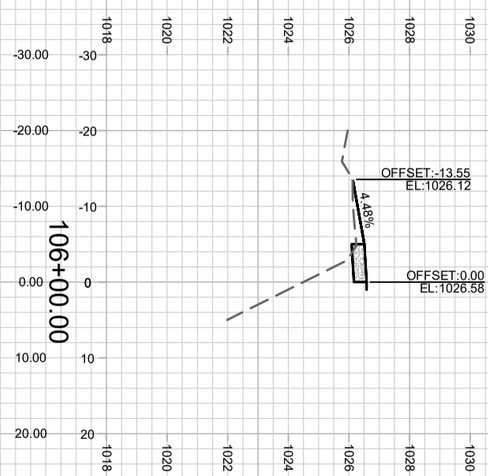
X-5

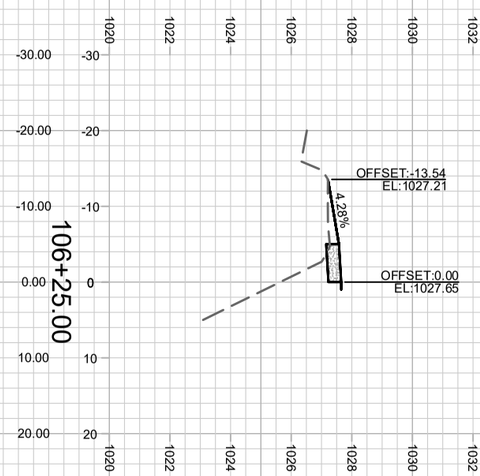












X-6

13283

TOKAY BLVD SIDEWALK CROSS SECTION 13283

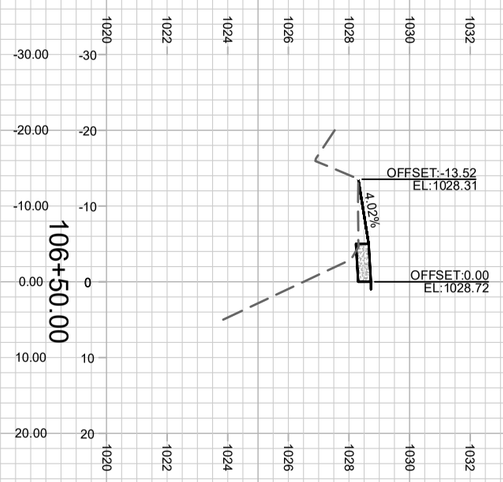
WESTGATE REDEVELOPMENT PLAT MADISON, WI

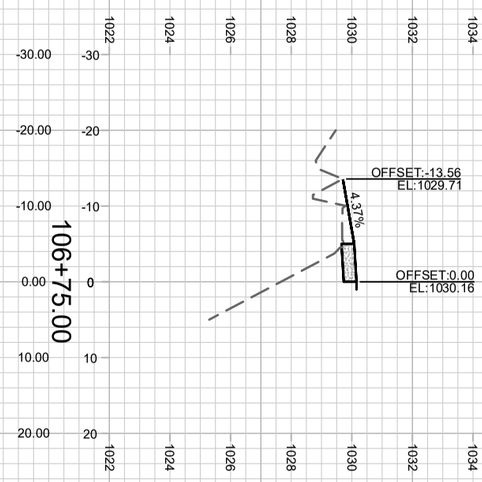
M:\DESIGN\Projects\13283\CAD\Streets\13283EN-AliProf&Corridor_Setup.dwg CONTRACT NO: 8982

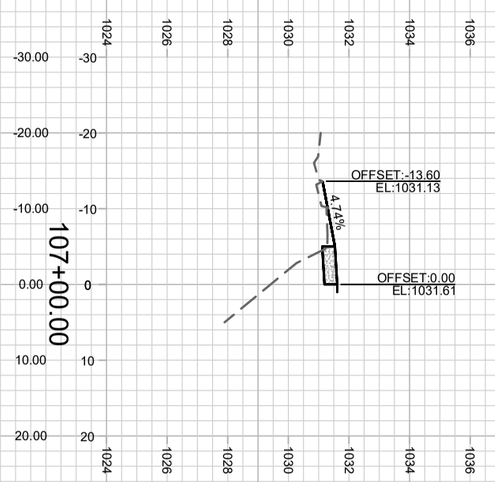
MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

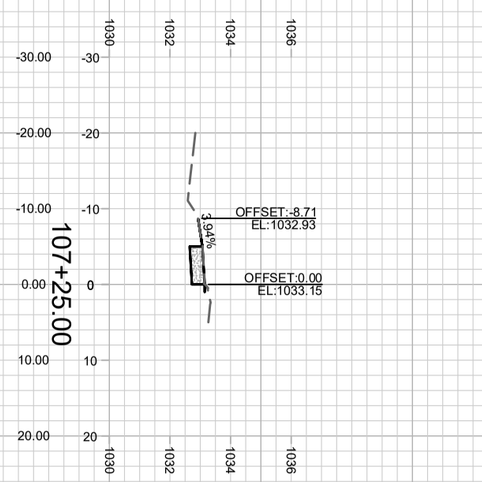
Designed By: IO | Date: 5/24/2021 12:57 PM | Scale: 1:20

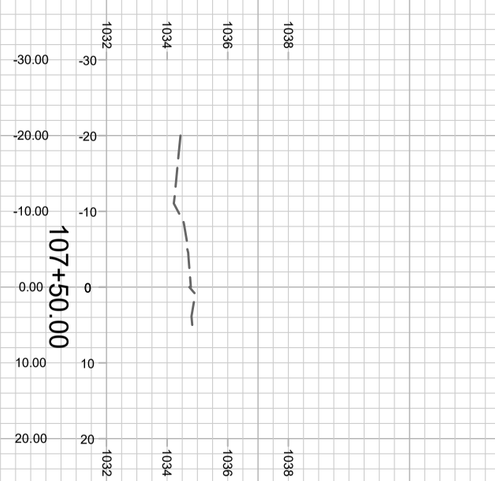
13283 X-6











X-7

13283

TOKAY BLVD SIDEWALK CROSS SECTION 13283

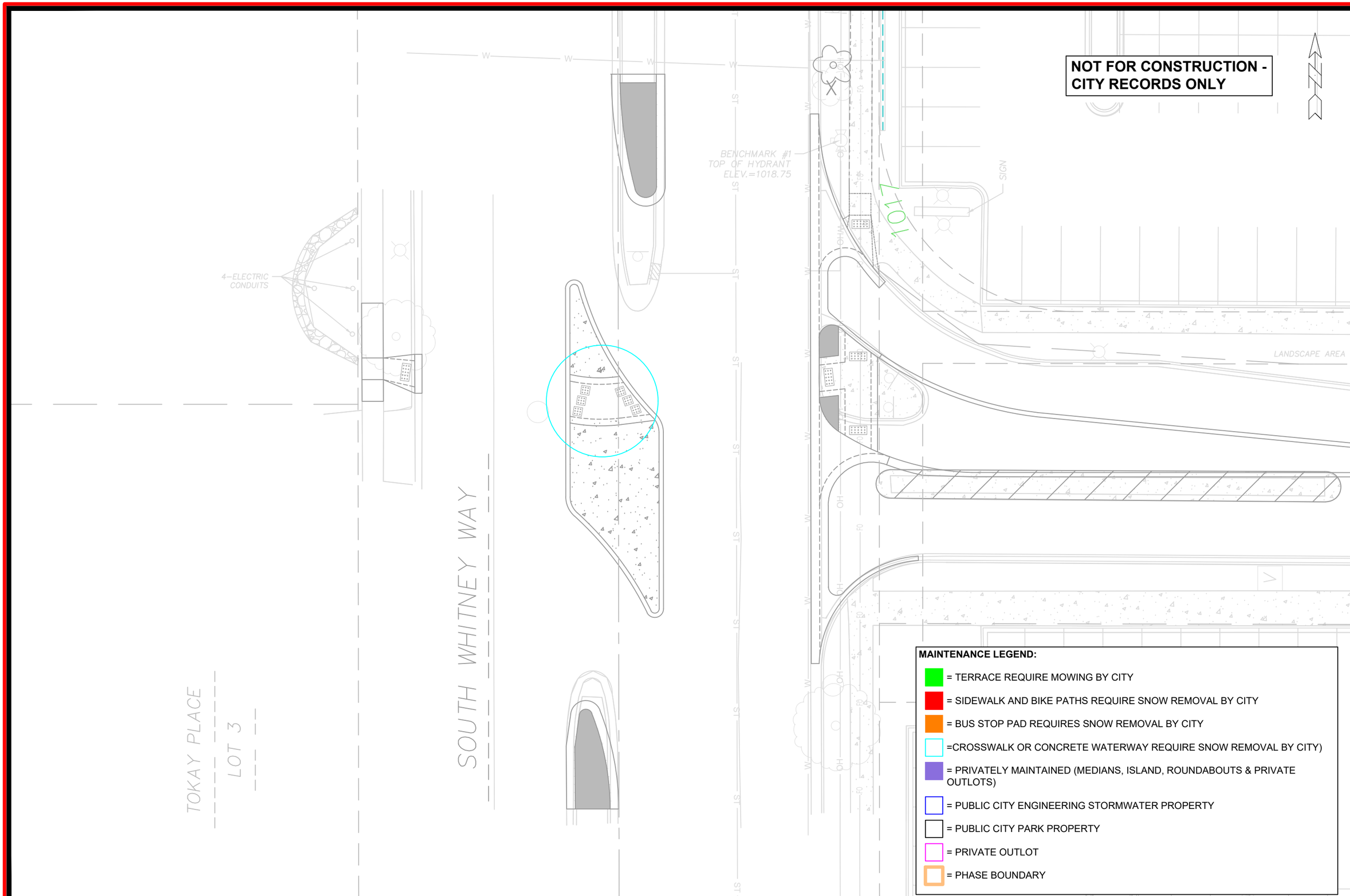
WESTGATE REDEVELOPMENT PLAT MADISON, WI

M:\DESIGN\Projects\13283\CAD\Streets\13283EN-AliProf&Corridor_Setup.dwg CONTRACT NO: 8982

MARK	REVISION	DATE	BY
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

Designed By: IO | Date: 5/24/2021 12:57 PM | Scale: 1:20

13283 X-7



MARK	REVISION	DATE	BY

Designed By: IO
Date: 5/24/2021 1:47 PM
Scale: 1:20
13283
MN-1

13283

MADISON, WI

CONTRACT NO: 8982

MAINTENANCE MAP

WESTGATE REDEVELOPMENT PLAT

M:\DESIGN\Projects\13283\CAD\Streets\13283EN-Maintenance.dwg

13283

MN-1