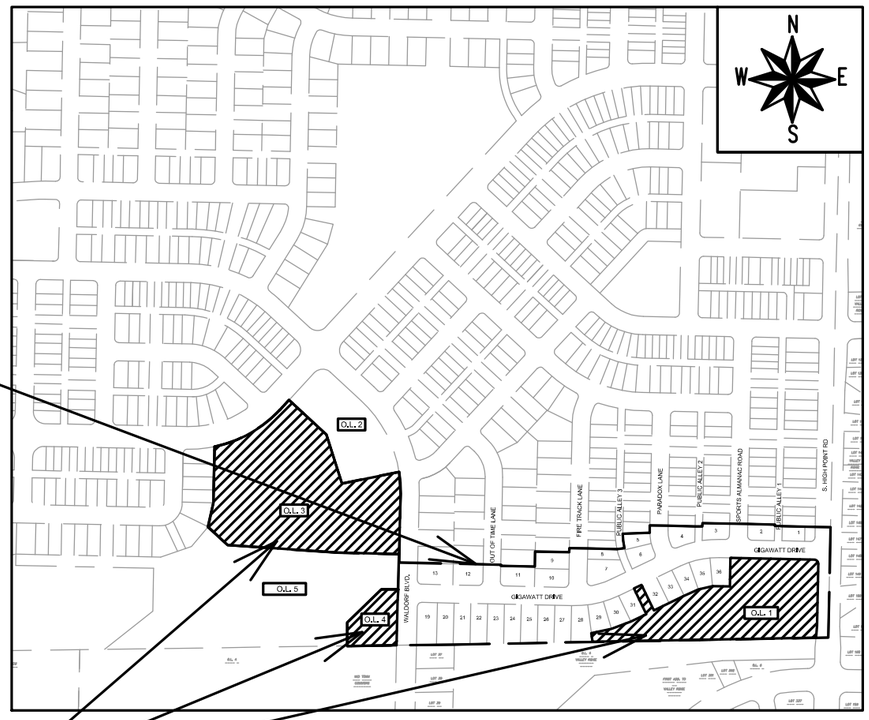
Madison, Wisconsin

CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

HILL VALLEY - PHASE 1

CITY PROJECT NO. 15668
CONTRACT NO. 9643

INDEX OF SHEETS



PHASE LIMITS

PUBLIC PONDS
SEE PROJECT NO. 15669

REVISION 1 - 9/ 17/ 2025
SHEETS REPLACED: COVER, P2, P7, U3, U7, USTM2, W3, L1, L3, MN1
SHEETS ADDED: P13, U11, U12
SHEETS REMOVED: PB1

REVISION 2 - 10/06/2025
SHEETS ADDED: U13, U14

REVISION 3 - 10/16/2025
SHEETS REPLACED: P12, L5

REVISION 4 - 10/22/2025
SHEETS REPLACED: U13, U14

PUBLIC IMPROVEMENT PROJECT APPROVED

JULY 1, 2025

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

ENG- Greg Fries 08/29/2025
ENG- Greg Fries (Aug 29, 2025 09:24:19 CDT)

City Engineer — Date

STREET DESIGNED BY:

WISCONSIN
CHRISTOPHER J PETYKOWSKI
E-36665
MADISON
WI
PROFESSIONAL ENGINEER

08/29/2025

WATER MAIN DESIGNED BY:

WISCONSIN
ADAM R. WIEDERHOEFT
E-41559
MADISON
WI
PROFESSIONAL ENGINEER

08/27/2025

GEOMETRY & PAVEMENT MARKINGS DESIGNED BY:

WISCONSIN
SEAN D MALLOY
E-48326
MADISON
WI
PROFESSIONAL ENGINEER

08/27/2025

STORM SEWER DESIGNED BY:

WISCONSIN
JANET SCHMIDT
E-34681
MADISON
WI
PROFESSIONAL ENGINEER

08/27/2025

SANITARY SEWER DESIGNED BY:

WISCONSIN
MARK D. MODER
E-33979
MADISON
WI
PROFESSIONAL ENGINEER

08/27/2025

PLOT SCALE: 1'-0" = 1'-0" XREF
PLOT NAME: ----
REV. DATE: 8/20/2025 7:41 PM
ORIGINATOR: CITY_OF_MADISON

FILE NAME: M:\DESIGN\Projects\15668\CAD\Streets\15668EN-TitleSheet.dwg
DATE: 8/25/2025 10:45 AM

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 PLANS ARE 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 SECTION 107.13 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION: 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:
www.cityofmadison.com/engineering/developers-contractors/standard-specifications

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

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 THE PROJECT ENGINEER AND DESIGNER, FADI EL MUSA GONZALEZ, AT FELMUSAGONZALEZ@CITYOFMADISON.COM FOR CAD FILES AND ALIGNMENT DATA PRIOR TO STAKING.

CONTACT THE CITY CONSTRUCTION ENGINEER, KYLE FRANK, AT KFRANK@CITYOFMADISON.COM FOR PRECONSTRUCTION SCHEDULING, COORDINATION, AND INSPECTION.

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

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

ALL PAVEMENT IN THE OUT OF TIME LANE, FIRE TRACK LANE, PARADOX LANE, SPORTS ALMANAC ROAD, AND WALDORF BOULEVARD RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE SOUTH HIGH POINT ROAD 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 EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4:1. 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 UNLESS OTHERWISE INDICATED ON THE PLANS.

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.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO S.D.D 3.05.

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, LATEST EDITION.

ALL PROPOSED IMPROVEMENTS IN THE RIGHT-OF-WAY ARE BASED ON SURVEY DATA PROVIDED BY THE DEVELOPER OR ITS CONSULTANT. IN THE CASE THAT THE PROPOSED IMPROVEMENTS CAN NOT BE INSTALLED PER THESE PLANS OR THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF EXTRA WORK DUE TO INACCURACIES OF THE SURVEY.

ALL UTILITY VERIFICATIONS AND ACCURACY OF THE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THE EXPENSE OF THE DEVELOPER. NO PRECAST STRUCTURES WILL BE APPROVED FOR STORM OR SANITARY SEWER UNTIL ALL POTENTIAL UTILITY CONFLICTS ARE RESOLVED.

IN LOCATIONS WHERE PAVEMENT RESTORATION IS NOT IDENTIFIED ADJACENT TO CURB AND GUTTER REPLACEMENT, IT IS ASSUMED THAT CURB AND GUTTER WILL BE REPLACED WITHOUT DAMAGING ADJACENT PAVEMENT. IF DAMAGED, THE MILL AND OVERLAY LIMITS SHALL BE EXTENDED BY THE CITY CONSTRUCTION ENGINEER AS NECESSARY TO MEET THE STANDARD PATCHING CRITERIA.

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15668

MADISON, WI

CONTRACT NO: 9643

STANDARD NOTES

HILL VALLEY - PHASE 1

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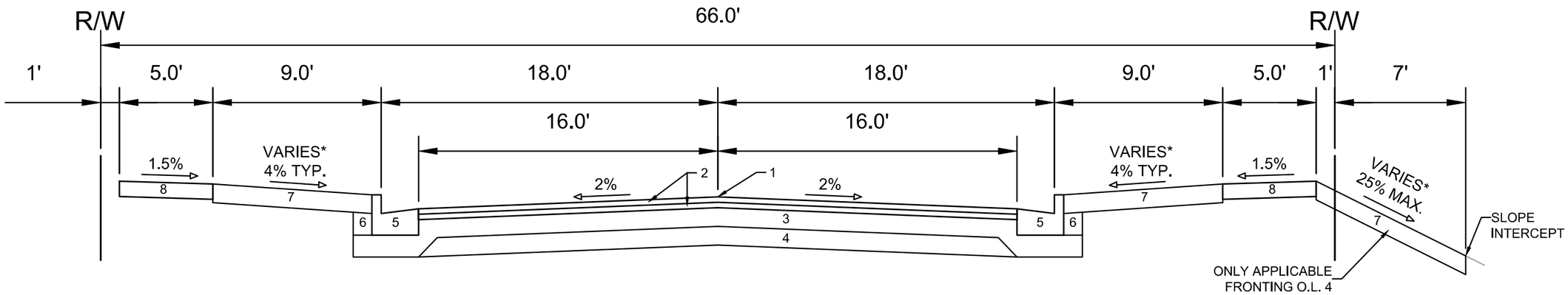
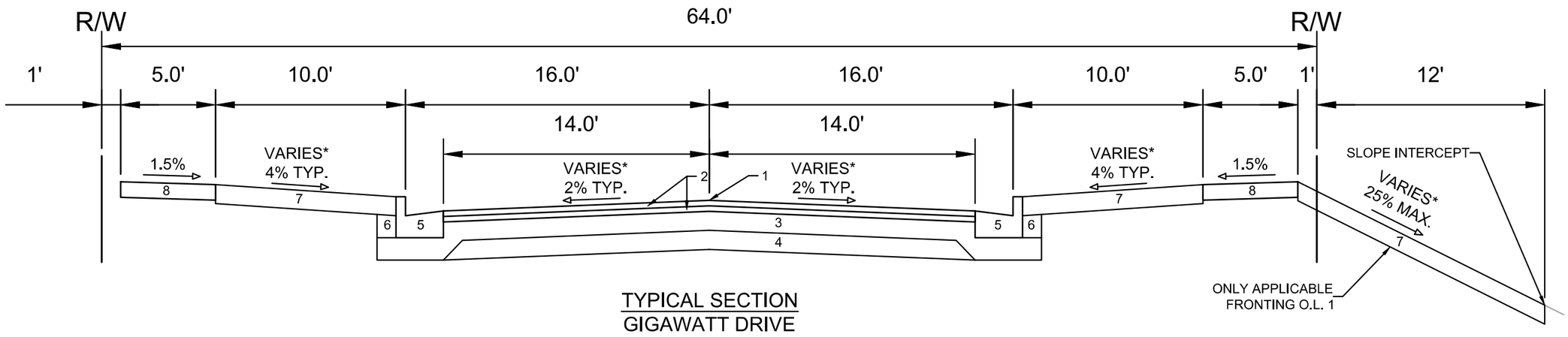


TYPICAL SECTION
WALDORF BOULEVARD

SPECIAL NOTES:

* SEE SHEETS P-4 & X-11 TO X-12 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8 5" CONCRETE SIDEWALK



TYPICAL SECTION
GIGAWATT DRIVE

SPECIAL NOTES:

* SEE SHEETS P-1 TO P-3 & X-1 TO X-10 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8 5" CONCRETE SIDEWALK

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MADISON, WI

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TYPICAL SECTIONS

HILL VALLEY - PHASE 1

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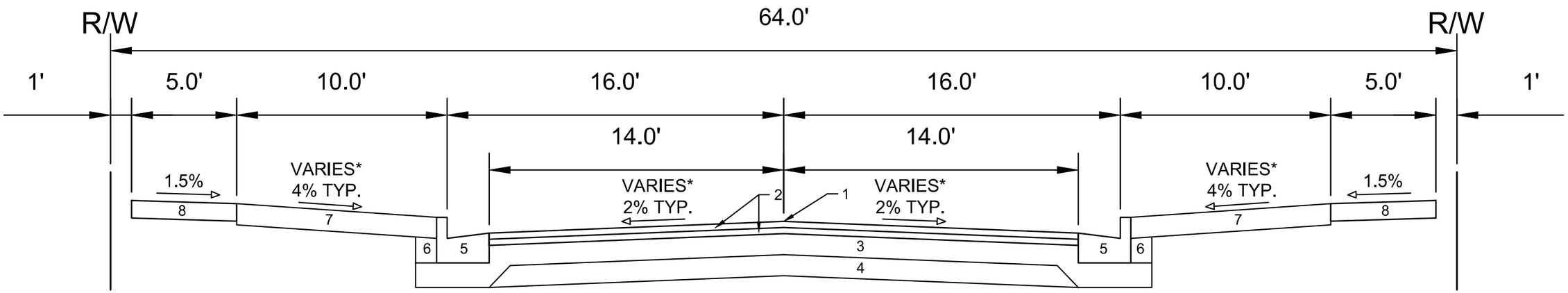
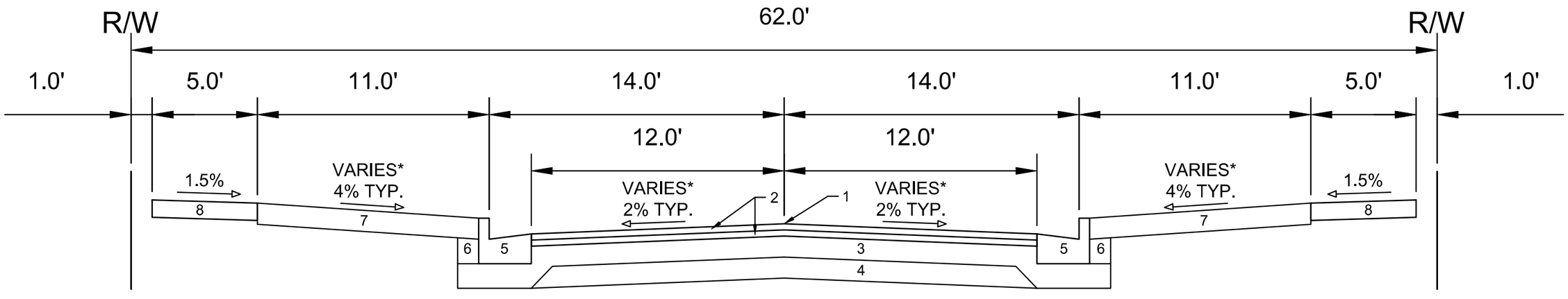


TYPICAL SECTION
FIRE TRACK LANE

SPECIAL NOTES:

* SEE SHEETS P-6 & X-14 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8 5" CONCRETE SIDEWALK



TYPICAL SECTION
OUT OF TIME LANE

SPECIAL NOTES:

* SEE SHEETS P-5 & X-13 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8 5" CONCRETE SIDEWALK

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MADISON, WI

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TYPICAL SECTIONS

HILL VALLEY - PHASE 1

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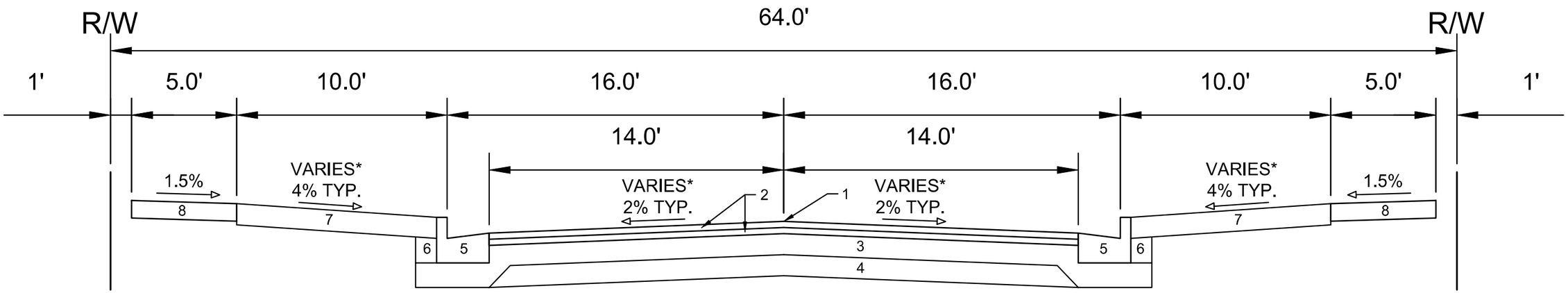
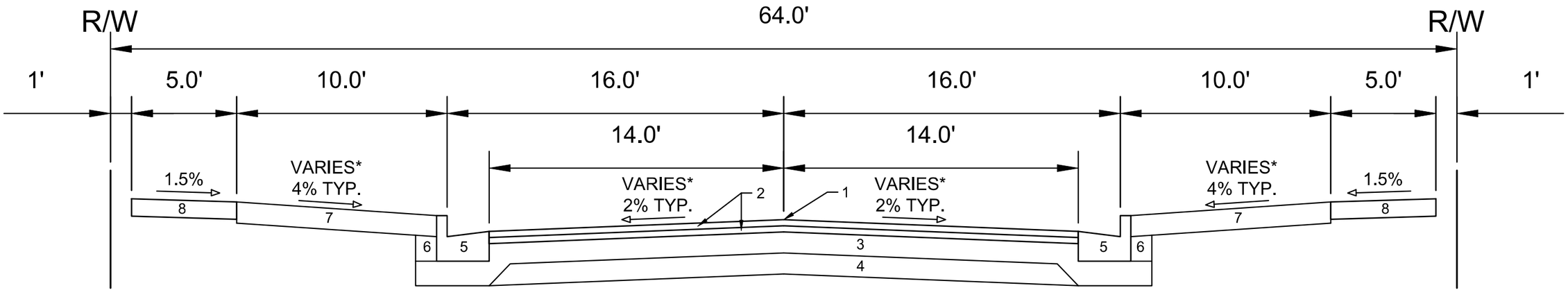


TYPICAL SECTION
SPORTS ALMANAC ROAD

SPECIAL NOTES:

* SEE SHEETS P-10 & X-16 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8 5" CONCRETE SIDEWALK



TYPICAL SECTION
PARADOX LANE

SPECIAL NOTES:

* SEE SHEETS P-8 & X-15 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1 POINT REFERRED TO ON PROFILE
2 1.75" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S**
3 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
5 CONCRETE CURB AND GUTTER TYPE 'A'.
6 FILL
7 6" TOPSOIL, SEED AND MATTING
8 5" CONCRETE SIDEWALK

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TYPICAL SECTIONS

HILL VALLEY - PHASE 1

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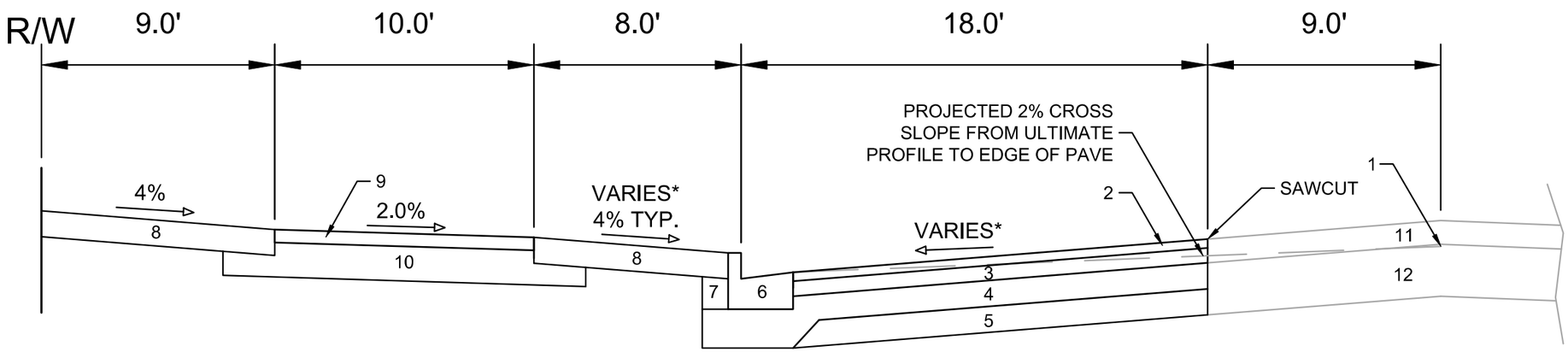
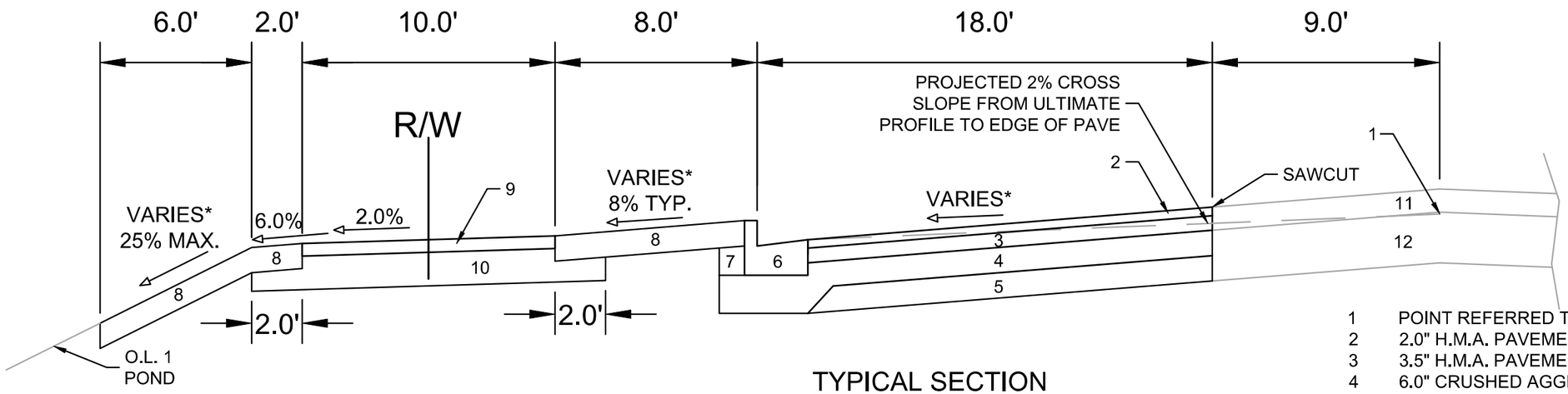


TYPICAL SECTION
S HIGH POINT ROAD
(NORTH OF GIGAWATT DR)

SPECIAL NOTES:

* SEE SHEETS P-12 & X-19 TO X-20 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1	POINT REFERRED TO ON PROFILE (ULTIMATE)
2	2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
3	3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4	6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5	6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6	CONCRETE CURB AND GUTTER TYPE 'A'.
7	FILL
8	6.0" TOPSOIL, SEED AND MATTING
9	3.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
10	8.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
11	EX. PAVEMENT SURFACE TO REMAIN
12	EX. PAVEMENT BASE TO REMAIN



TYPICAL SECTION
S HIGH POINT ROAD
(SOUTH OF GIGAWATT DR)

SPECIAL NOTES:

* SEE SHEETS P-12 & X-17 TO X-18 FOR CROSS SLOPES
** SEE SHEET O-1 FOR SURFACE PAVING RESPONSIBILITY

1	POINT REFERRED TO ON PROFILE (ULTIMATE)
2	2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
3	3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4	6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5	6.0" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6	CONCRETE CURB AND GUTTER TYPE 'A'.
7	FILL
8	6.0" TOPSOIL, SEED AND MATTING
9	3.0" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
10	8.0" CRUSHED AGGREGATE BASE COURSE GRADATION 2
11	EX. PAVEMENT SURFACE TO REMAIN
12	EX. PAVEMENT BASE TO REMAIN

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MADISON, WI

CONTRACT NO: 9643

TYPICAL SECTIONS
HILL VALLEY - PHASE 1

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D-5

WALDORF BLVD.

OUT OF TIME LANE

FIRE TRACK LANE

PUBLIC ALLEY 3

PARADOX LANE

PUBLIC ALLEY 2

SPORTS ALMANAC ROAD

PUBLIC ALLEY 1

S. HIGH POINT RD

GIGAWATT DRIVE

GIGAWATT DRIVE

O.L. 1

O.L. 1
DEDICATED TO THE
PUBLIC FOR STORM
WATER MANAGEMENT
PURPOSES

1 2 3 4 5 6 7 8 9 10 11 12 13

19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36

LOT 37

LOT 38

LOT 39

O.L. 4
VALLEY RIDGE

FIRST ADD. TO
VALLEY RIDGE

LOT 391

LOT 392

O.L. 6

LOT 337

DIT

W

ST

SN

LEGEND

SURFACE PAVING BY DEVELOPER
UNDER CONTRACT NO. 9644

SURFACE PAVING BY DEVELOPER
UNDER CONTRACT NO. 9643

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OVERVIEW PLAN

HILL VALLEY - PHASE 1

MADISON, WI

CONTRACT NO: 9643

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15668

O-1

O.L. 5 DEDICATED TO PUBLIC FOR PARK

O.L. 4 DEDICATED TO PUBLIC FOR STORMWATER MANAGEMENT

WALDORF BLVD

GIGAWATT DR

OUT OF TIME LN

MATCH LINE 215+00.00

LOT 10 | LOT 11 | LOT 12 | LOT 13 | LOT 19 | LOT 20 | LOT 21 | LOT 22 | LOT 23 | LOT 24 | LOT 25 | LOT 26

5"CS

6"GT

A

R/W

R=22' EP

R=17' EP

R=32' EP

R=18' EP

STA 210+12.00, 36.00' LT
1084.25 EP/ PC

STA 210+18.44, 20.44' LT
1083.58 EP/ MC

STA 210+32.00, 31.00' LT
1083.74 BW/ KEYSTONE/ LP

STA 210+34.00, 14.00' LT
1082.90 EP/ PT

STA 210+37.14, 14.00' LT
1082.88 EP/ LP

STA 210+75.00, 31.00' LT
1084.01 BW/ BEGIN 4% TERR.

STA 212+25.00, 31.00' LT
1089.48 BW/ END 4% TERR.

STA 213+75.00, 31.00' LT
1095.84 BW/ BEGIN 4% TERR.

STA 215+25.00
1100.86 BW / EN

210+75.00 1083.17 | 211+00.00 1083.56 | 211+25.00 1084.27 | 211+50.00 1085.28 | 211+75.00 1086.39 | 212+00.00 1087.50 | 212+25.00 1088.64

209+86 | 210+00 | 211+00 | 212+00 | 213+00 | 214+00 | 215

210+75.00 1082.05 | 211+00.00 1082.72 | 211+25.00 1083.71

STA 210+75.00, 31.00' RT
1082.89 BW/ BEGIN 4% TERR.

STA 210+37.14, 14.00' RT
1081.76 EP/ LP

STA 210+34.00, 14.00' RT
1081.78 EP/ PT/ HP

STA 210+34.00, 31.00' RT
1081.94 BW/ KEYSTONE

STA 210+18.44, 20.44' RT
1081.22 EP/ MC

STA 210+12.00, 36.00' RT
1080.65 EP/ PC

STA 213+50.00, 31.00' RT
1095.01 BW/ BEGIN 4% TERR.

STA 213+08.54, 31.00' RT
1093.18 BW/ KEYSTONE

STA 213+03.54, 31.00' RT
1093.10 BW/ KEYSTONE

STA 212+86.81, 31.00' RT
1092.26 BW/ KEYSTONE

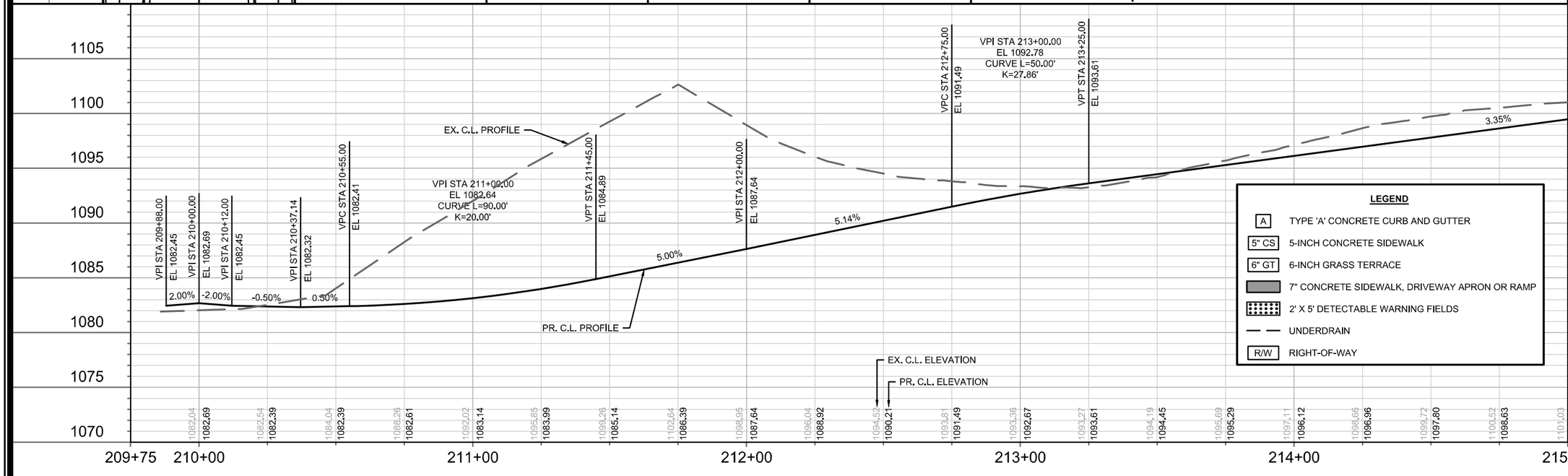
STA 212+81.81, 31.00' RT
1092.18 BW/ KEYSTONE

STA 212+50.00, 31.00' RT
1090.76 BW/ END 4% TERR.

SLOPE INTERCEPT

1072.0 | 1074.0 | 1076.0

532+00 | 533+00



LEGEND

- A — TYPE 'A' CONCRETE CURB AND GUTTER
- 5" CS — 5-INCH CONCRETE SIDEWALK
- 6" GT — 6-INCH GRASS TERRACE
- 7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
- 2' X 5' DETECTABLE WARNING FIELDS
- UNDERDRAIN
- R/W — RIGHT-OF-WAY

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Designed By: FBEG	Date: 8/26/2025 1:36 PM	Scale: 1" = 40'	P-1

15668

MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

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CITY OF MADISON WISCONSIN

15668

P-1

REVISION 1 - GCIT
REPRINTED TO SHOW
ACCESS PATH ON O.L. 1

MATCH LINE 215+00.00

MATCH LINE 220+00.00

GIGAWATT DR

FIRE TRACK LN

PARADOX LANE

PUBLIC ALLEY 3

LOT 4 | LOT 5 | LOT 6 | LOT 7 | LOT 8 | LOT 9 | LOT 10 | LOT 26 | LOT 27 | LOT 28 | LOT 29 | LOT 30 | LOT 31 | LOT 32 | LOT 33 | LOT 34

STA 215+25.00, 31.00' LT
1100.86 BW / END 4% TERR

STA 215+50.00, 31.00' RT
1101.70 BW/ END 4% TERR.

STA 215+75.23, 31.00' RT
1102.03 BW/ KEYSTONE

STA 215+78.40, 14.00' RT
1101.81 EP/ PC

STA 215+78.40, 31.00' RT
1102.08 BW/ PC

STA 215+80.07, 31.00' RT
1102.11 BW/ KEYSTONE

STA 216+28.97, 31.00' RT
1104.22 BW/ KEYSTONE

STA 216+33.54, 31.00' RT
1104.30 BW/ KEYSTONE

STA 216+50.00, 31.00' RT
1104.83 BW/ BEGIN 4% TERR.

STA 216+75.00, 31.00' LT
1105.45 BW / BEGIN
4% TERR

STA 217+34.72, 14.00' LT
1106.02 EP/ PC

STA 217+34.72, 31.00' LT
1106.85 BW/ PC

STA 217+34.72, 14.00' RT
1106.02 EP/ PT

STA 217+34.72, 31.00' RT
1106.85 BW/ PT

STA 217+75.00, 14.00' LT
1106.37 EP/ HP

STA 217+75.00, 31.00' LT
1107.20 BW/ HP/ END 4% TERR.

STA 217+75.00, 14.00' RT
1106.37 EP/ HP

STA 217+75.00, 31.00' RT
1107.20 BW/ HP

STA 218+25.00, 31.00' LT
1106.95 BW/ BEGIN 4% TERR.

STA 218+75.00, 31.00' LT
1106.70 BW/ END 4% TERR.

STA 219+00.00, 31.00' RT
1106.58 BW/ END 4% TERR.

STA 219+12.86, 31.00' RT
1106.27 BW/ KEYSTONE

STA 219+17.86, 31.00' RT
1106.19 BW/ KEYSTONE

STA 219+72.80, 14.00' RT
1105.38 EP/ PC

STA 219+72.80, 31.00' RT
1105.92 BW/ KEYSTONE

STA 219+78.23, 31.00' RT
1105.84 BW/ KEYSTONE/ LP

STA 220+00.00, 31.00' RT
1106.08 BW / BEGIN 4% TERR

R=318'EP | R=346'EP | R=17'EP

PC STA 215+78.40 | PC STA 217+34.72 | PC STA 219+72.80

O.L. 1
DEDICATED TO
PUBLIC FOR
STORMWATER
MANAGEMENT

LEGEND

- A — TYPE 'A' CONCRETE CURB AND GUTTER
- 5" CS — 5-INCH CONCRETE SIDEWALK
- 6" GT — 6-INCH GRASS TERRACE
- 7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
- 2' X 5' DETECTABLE WARNING FIELDS
- UNDERDRAIN
- R/W — RIGHT-OF-WAY

PR. C.L. PROFILE
EX. C.L. PROFILE
EX. C.L. ELEVATION
PR. C.L. ELEVATION

VPI STA 216+25.00 EL 1103.65
VPI STA 217+25.00 EL 1106.15
VPI STA 217+50.00 EL 1106.52
VPI STA 217+75.00 EL 1106.65

3.35% | 2.50% | 1.50% | 0.50% | -0.50%

	215+00	216+00	217+00	218+00	219+00	220+00
EX. C.L. ELEVATION	1101.03 / 1099.47	1101.56 / 1100.30	1102.04 / 1101.14	1101.31 / 1101.98	1099.54 / 1102.81	1098.29 / 1103.65
PR. C.L. ELEVATION	1097.48 / 1104.27	1097.52 / 1104.90	1097.97 / 1105.52	1098.85 / 1106.15	1098.89 / 1106.52	1100.40 / 1106.65
	1100.98 / 1106.52	1102.01 / 1106.40	1102.99 / 1106.27	1103.12 / 1106.15	1103.05 / 1106.02	1102.94 / 1105.90
	1102.75 / 1105.77	1102.51 / 1105.65	1102.21 / 1105.52			

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 9/15/2025 2:27 PM	Scale: 1" = 40'	P-2

15668

MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

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P-2

LOT 246
LOT 267
LOT 207
LOT 245
LOT 4
LOT 3
LOT 2
LOT 1
LOT 235
LOT 236
PUBLIC ALLEY 2
PUBLIC ALLEY 1
SPORTS ALMANAC ROAD
GIGAWATT DRIVE
S HIGH POINT ROAD
MATCH LINE 220+00.00
STA 220+25.00, 31.00' LT
1105.95 BE/ END 4% TERR.
STA 220+00.00, 31.00' LT
1106.08 BW/ BEGIN 4% TERR.
STA 221+29.12, 14.00' LT
1104.60 EP/ PC
STA 221+29.12, 31.00' LT
1105.43 BW/ PT
STA 221+25.00, 31.00' LT
1105.46 BW/ END 4% TERR.
STA 221+00.00, 31.00' LT
1105.58 BW/ BEGIN 4% TERR.
STA 223+00.00, 31.00' LT
1104.58 BW/ END 4% TERR.
STA 222+50.00, 31.00' LT
1104.83 BW/ BEGIN 4% TERR.
STA 223+75.00, 31.00' LT
1104.21 BW/ BEGIN 4% TERR.
STA 224+92.50, 41.00' LT
1104.18 EP/ PT
STA 224+84.59, 21.91' LT
1103.50 EP/ MC
STA 224+72.50, 37.14' LT
1104.26 BW/ KEYSTONE
STA 224+65.50, 14.00' LT
1102.82 EP/ PC
STA 224+63.50, 14.00' LT
1102.81 EP/ LP
STA 224+48.50, 31.00' LT
1103.72 BW/ PI/ LP
STA 224+25.00, 31.00' LT
1103.84 BW/ END 4% TERR.
5" CONCRETE TERRACE
2' WIDE
RADIAL DETECTABLE
WARNING FIELDS
PER S.D.D. 3.04
STA 221+29.12, 14.00' RT
1104.60 EP/ PT
STA 221+29.12, 31.00' RT
1105.43 BW/ PT
STA 221+50.00, 31.00' RT
1105.33 BW/ END 4% TERR.
STA 221+63.50, 31.00' RT
1105.01 BW/ KEYSTONE
STA 221+68.50, 31.00' RT
1104.93 BW/ KEYSTONE
STA 222+50.00, 31.00' RT
1104.55 BW/ BEGIN 1% TERR.
STA 222+25.50, 31.00' RT
1104.43 BW/ KEYSTONE/ LP
STA 222+20.50, 31.00' RT
1104.51 BW/ KEYSTONE
SLOPE INTERCEPT
O.L. 1
DEDICATED TO PUBLIC
FOR STORMWATER
MANAGEMENT
STA 224+25.00, 31.00' RT
1103.56 BW/ END 1% TERR.
STA 224+63.50, 14.00' RT
1102.81 EP/ LP
STA 224+65.50, 14.00' RT
1102.82 EP/ PC/ HP
STA 224+62.50, 31.00' RT
1103.02 BW/ PI
STA 224+72.50, 33.56' RT
1102.80 BW/ KEYSTONE
STA 224+84.59, 21.91' RT
1102.45 EP/ MC
STA 224+82.50, 33.56' RT
1102.60 FW/ KEYSTONE
STA 224+92.50, 41.00' RT
1102.08 EP/ PT
R=17'EP
R=27'EP
R=346'EP
R=318'EP
6" GT
5" CS
6"GT
A
R/W
64'
12'
8'
16'
10'
5'
2%
3%
4%
5%
7%
1%
8%
441+00
442+00
1002+00
1003+00
1004+00
221+00
222+00
223+00
224+00
225+00
225+79

LEGEND

- A — TYPE 'A' CONCRETE CURB AND GUTTER
- 5" CS — 5-INCH CONCRETE SIDEWALK
- 6" GT — 6-INCH GRASS TERRACE
- 7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
- 2' X 5' DETECTABLE WARNING FIELDS
- UNDERDRAIN
- R/W — RIGHT-OF-WAY

PR. C.L. PROFILE
EX. C.L. PROFILE
EX. C.L. ELEVATION
PR. C.L. ELEVATION
-0.50%
-0.73%
-0.50%
0.50%
2.04%
-3.00%
VPI STA 223+75.00 EL 1103.65
VPI STA 224+25.00 EL 1103.28
VPI STA 224+63.50 EL 1103.09
VPI STA 224+92.50 EL 1103.24
VPI STA 225+17.50 EL 1103.75
VPI STA 225+41.58 EL 1103.03

1125 1120 1115 1110 1105 1100 1095 1090 1085

220+00 221+00 222+00 223+00 224+00 225+00 225+50

1102.21 1105.52 | 1101.86 1105.40 | 1101.64 1105.27 | 1101.02 1105.15 | 1100.67 1105.02 | 1100.35 1104.90 | 1100.24 1104.78 | 1100.15 1104.65 | 1099.70 1104.53 | 1098.73 1104.40 | 1097.38 1104.28 | 1095.81 1104.15 | 1094.76 1104.03 | 1094.38 1103.90 | 1094.32 1103.78 | 1094.62 1103.65 | 1094.79 1103.47 | 1095.29 1103.28 | 1096.51 1103.16 | 1099.79 1103.15 | 1103.51 1103.39 | 1103.61 1103.52 | 1103.82

MARK	REVISION	DATE	BY	Scale: 1" = 40'		P-3
Designed By: FBEG	Date: 8/28/2025 1:37 PM				15668	

15668

MADISON, WI

9643

CONTRACT NO:

PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

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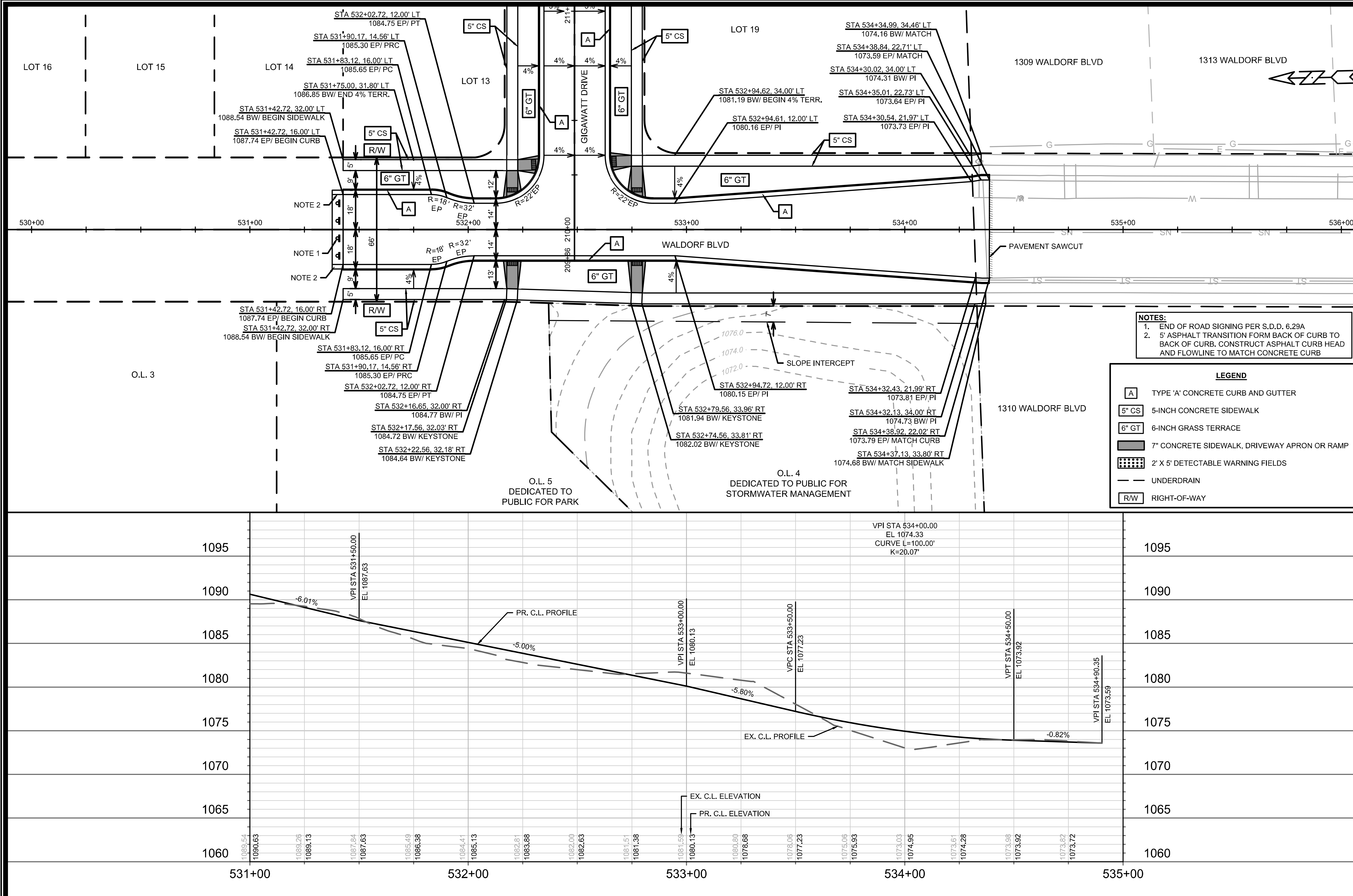
CITY OF MADISON WISCONSIN

15668

P-3



NOTES:

1. END OF ROAD SIGNING PER S.D.D. 6.29A
2. 5' ASPHALT TRANSITION FORM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB

LEGEND

A	TYPE 'A' CONCRETE CURB AND GUTTER
5" CS	5-INCH CONCRETE SIDEWALK
6" GT	6-INCH GRASS TERRACE
▨	7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
⁙	2' X 5' DETECTABLE WARNING FIELDS
— —	UNDERDRAIN
R/W	RIGHT-OF-WAY

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 8/26/2025 1:37 PM Scale: 1" = 40'

15668 P-4

15668

MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - WALDORF BLVD

HILL VALLEY - PHASE 1

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CITY OF MADISON WISCONSIN

15668

P-4

LOT 21
LOT 22
LOT 23
LOT 24
LOT 12
LOT 55
LOT 54
LOT 53
LOT 52
LOT 51
LOT 50
LOT 48
LOT 47
LOT 11
LOT 41
LOT 42
LOT 41
LOT 44
LOT 45
LOT 46
GIGAWATT DRIVE
212+00
213+00
4+00
330+00
331+00
332+00
333+00
334+00
335+00
1%
2%
4%
5%
3%
6" GT
5" CS
A
R=17 EP
R=17 EP
5'
11'
14'
62'
R/W
NOTE 1
NOTE 2
OUT OF TIME LANE
STA 330+14.00, 29.00' LT
1090.71 EP/ PC
STA 330+18.98, 16.98' LT
1091.08 EP/ MC
STA 330+31.00, 30.00' LT
1091.52 BW/ KEYSTONE
STA 330+31.00, 12.00' LT
1091.45 EP/ PT/ HP
STA 330+34.50, 12.00' LT
1091.43 EP/ LP
STA 330+49.92, 30.00' LT
1092.44 BW/ BEGIN 4% TERR.
STA 331+06.00, 30.00' LT
1094.38 BW/ END SIDEWALK
STA 331+06.00, 12.00' LT
1093.50 EP/ END CURB
STA 331+06.00, 12.00' RT
1094.17 EP/ END CURB
STA 330+50.00, 30.00' RT
1093.65 BW/ BEGIN 4% TERR.
STA 330+34.50, 12.00' RT
1092.63 EP/ LP
STA 330+31.00, 12.00' RT
1092.65 EP/ PC
STA 330+31.00, 30.00' RT
1093.38 BW/ KEYSTONE/ LP
STA 330+18.98, 16.98' RT
1092.96 EP/ MC
STA 330+14.00, 29.00' RT
1093.27 EP/ PC
STA 331+06.00, 30.00' RT
1095.04 BW/ END SIDEWALK

1120
1115
1110
1105
1100
1095
1090
1085
1080
329+75
330+00
331+00
332+00
333+00
334+00
335+00

VPI STA 329+86.00
EL 1092.13
VPI STA 330+00.00
EL 1092.41
VPI STA 330+14.00
EL 1092.13
VPC STA 330+35.00
EL 1092.03
VPI STA 330+34.50
EL 1092.03
2.00%
-2.00%
-0.50%
0.50%
VPI STA 331+00.00
EL 1092.86
CURVE L=130.00'
K=17.81'
VPT STA 331+65.00
EL 1097.43
7.80%
PR. C.L. PROFILE
EX. C.L. PROFILE
VPI STA 332+50.00
EL 1104.06
6.74%
VPC STA 333+05.00
EL 1107.77
VPI STA 333+75.00
EL 1112.48
CURVE L=140.00'
K=24.39'
VPT STA 334+48.00
EL 1113.18
0.74%
EX. C.L. ELEVATION
PR. C.L. ELEVATION

1093.36 1092.41
1096.21 1092.08
1099.38 1092.17
1102.66 1092.68
1106.18 1093.54
1110.49 1094.76
1113.96 1096.32
1116.53 1098.21
1118.58 1100.16
1120.02 1102.11
1120.77 1104.06
1121.63 1105.74
1122.49 1107.43
1123.52 1109.03
1124.14 1110.38
1124.12 1111.48
1123.13 1112.32
1121.98 1112.90
1121.38 1113.23
1120.96 1113.48
1119.52 1113.73

NOTES:
1. END OF ROAD SIGNING PER S.D.D. 6.29A
2. 5' ASPHALT TRANSITION FORM BACK OF CURB TO BACK OF CURB, CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB

LEGEND

A	TYPE 'A' CONCRETE CURB AND GUTTER
5" CS	5-INCH CONCRETE SIDEWALK
6" GT	6-INCH GRASS TERRACE
	7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
	2' X 5' DETECTABLE WARNING FIELDS
	UNDERDRAIN
R/W	RIGHT-OF-WAY

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/28/2025 1:37 PM	Scale: 1" = 40'	P-5

15668
MADISON, WI
9643
CONTRACT NO:

PLAN & PROFILE - OUT OF TIME LANE
HILL VALLEY - PHASE 1
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CITY OF MADISON WISCONSIN

15668
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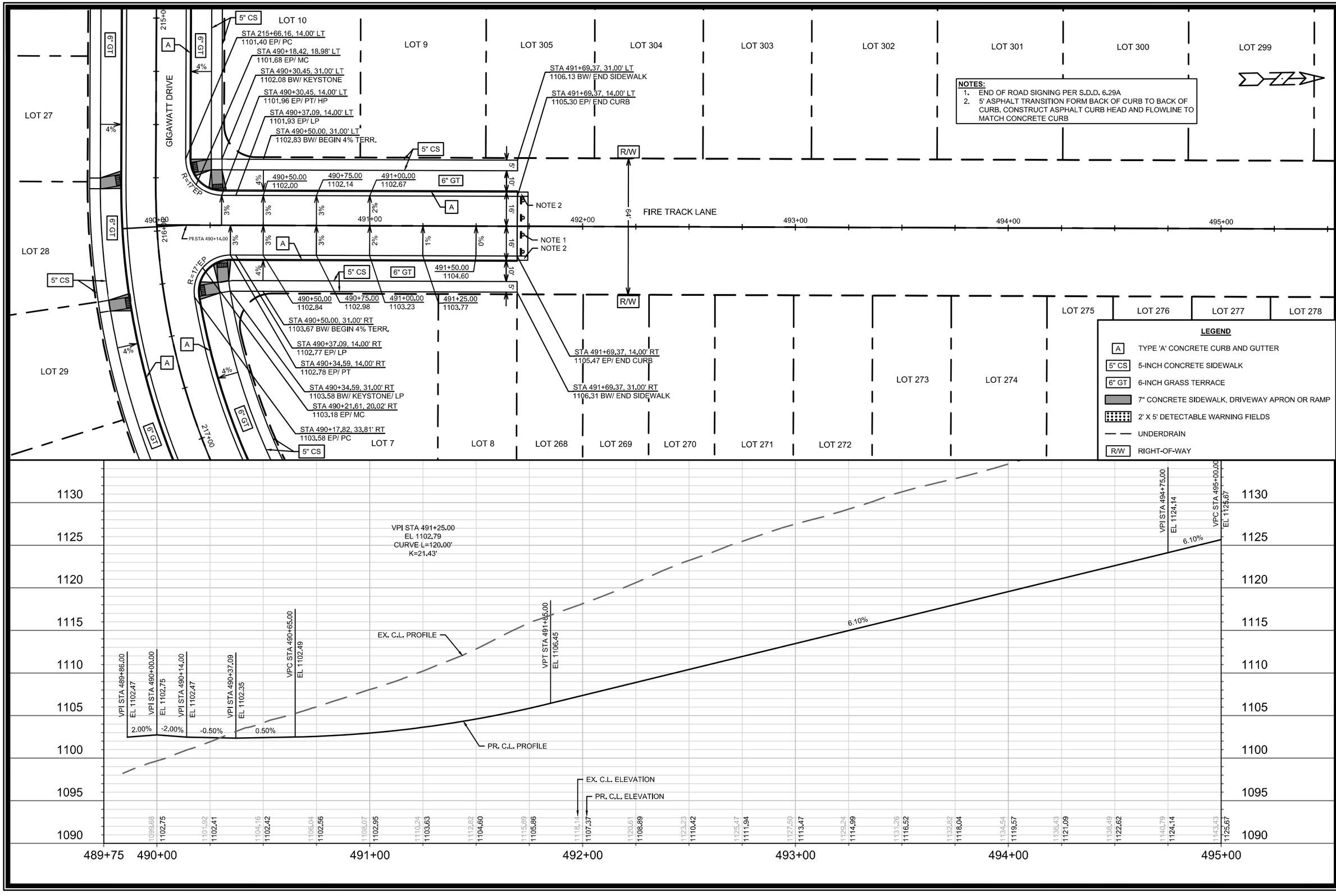

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/28/2025 1:37 PM	Scale: 1" = 40'	P-6

15668

MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - FIRE TRACK LANE

HILL VALLEY - PHASE 1

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P-6

REVISION 1 - GCIT
REPRINTED TO SHOW
ACCESS PATH ON O.L.1

LOT 7 | LOT 8 | LOT 268 | LOT 269 | LOT 270 | LOT 271 | LOT 272 | LOT 273 | LOT 274 | LOT 275 | LOT 276 | LOT 277 | LOT 278 | LOT 279

LOT 31 | LOT 6 | LOT 5 | LOT 292 | LOT 291 | LOT 290 | LOT 289 | LOT 288 | LOT 287 | LOT 286 | LOT 285 | LOT 284 | LOT 283 | LOT 282

LOT 32

R=3180' | R=3180'E | 4% | 217+00 | 5"CS | 6"GT

STA 30+00.00, 6.00' LT
1107.03 EP/ BEGIN CURB

STA 30+02.50, 6.00' LT
1107.02 EP/ LP

STA 30+15.08, 6.00' LT
1107.08 EP/ PC

PC STA 30+15.08

CONSTRUCT ALLEY
PER S.D.D. 4.07

STA 31+35.95, 6.00' LT
1109.61 EP/ END CURB

5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB

R/W | R/W | 22'

PT STA 31+51.63

31+00 | 32+00 | 33+00 | 34+00 | 35+00

R=296'EP | R=284'EP | 31+00 | 7' | 22' | 7'

PUBLIC ALLEY 3 | 30'00 | 2% | 8% | 6% | 8' | 12' | 8'

GIGAWATT DRIVE | 218+00 | 30

END OF ROAD SIGNING PER S.D.D. 6.29A

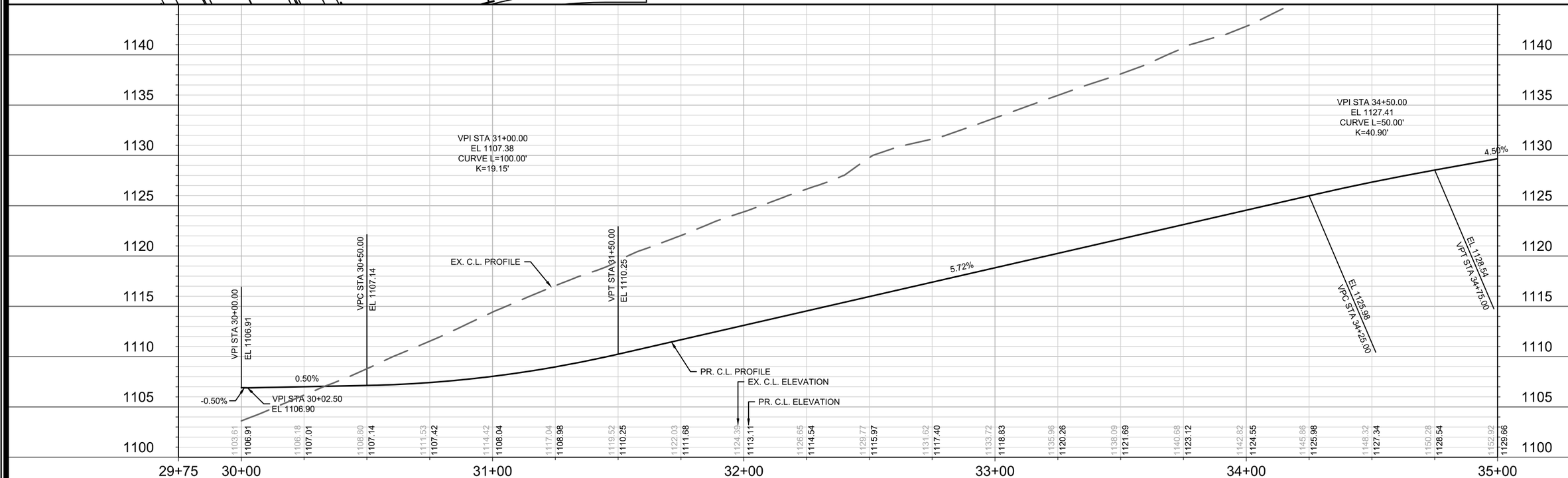
STA 31+35.95, 6.00' RT
1109.37 EP/ END CURB

STA 30+15.08, 6.00' RT
1106.84 EP/ PC

STA 30+02.50, 6.00' RT
1106.78 EP/ LP

STA 30+00.00, 6.00' RT
1106.79 EP/ BEGIN CURB

11+00 | O.L.1



MARK	REVISION	DATE	BY
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MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - ALLEY 3

HILL VALLEY - PHASE 1

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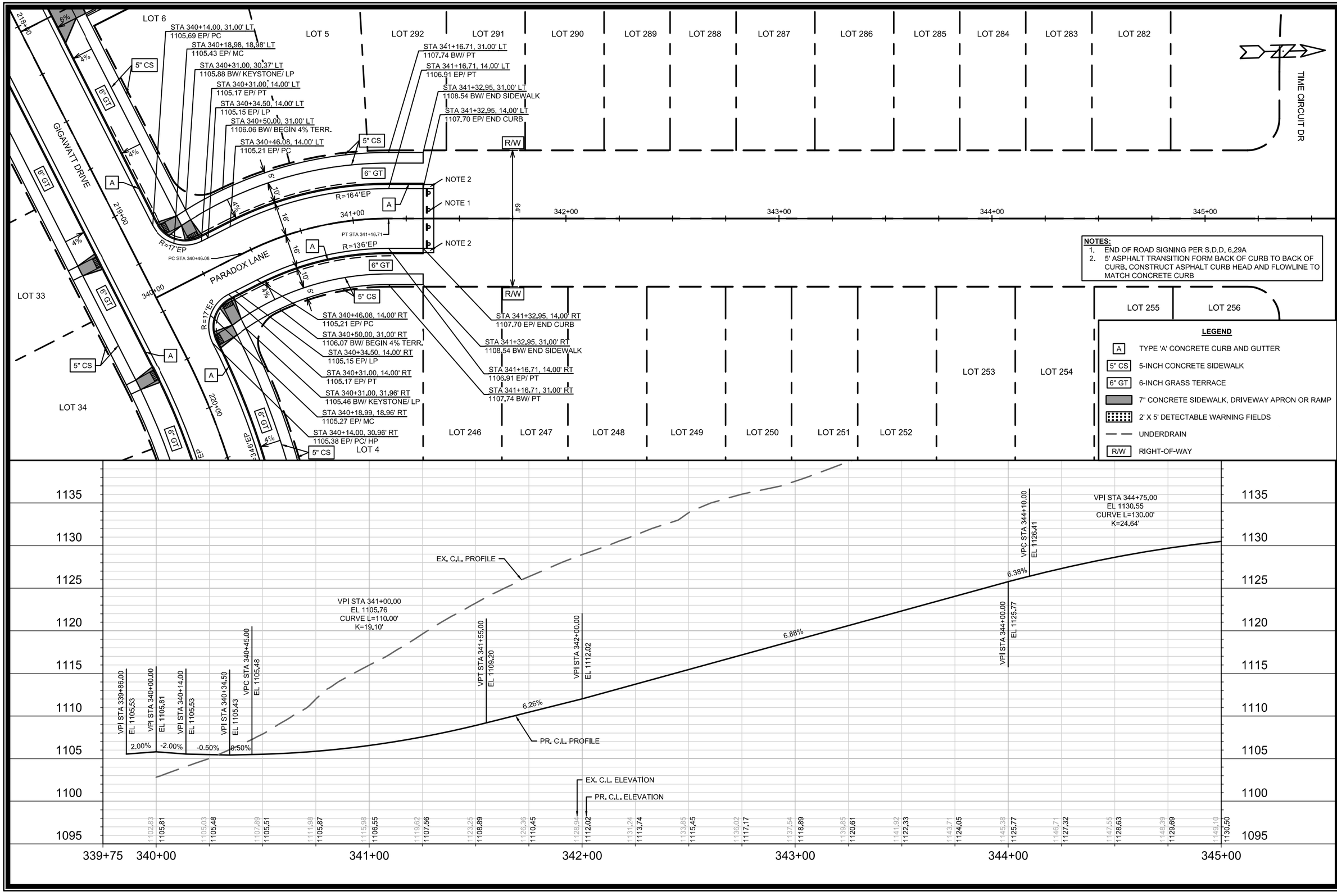

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/28/2025 1:38 PM	Scale: 1" = 40'	P-8

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MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - PARADOX LANE

HILL VALLEY - PHASE 1

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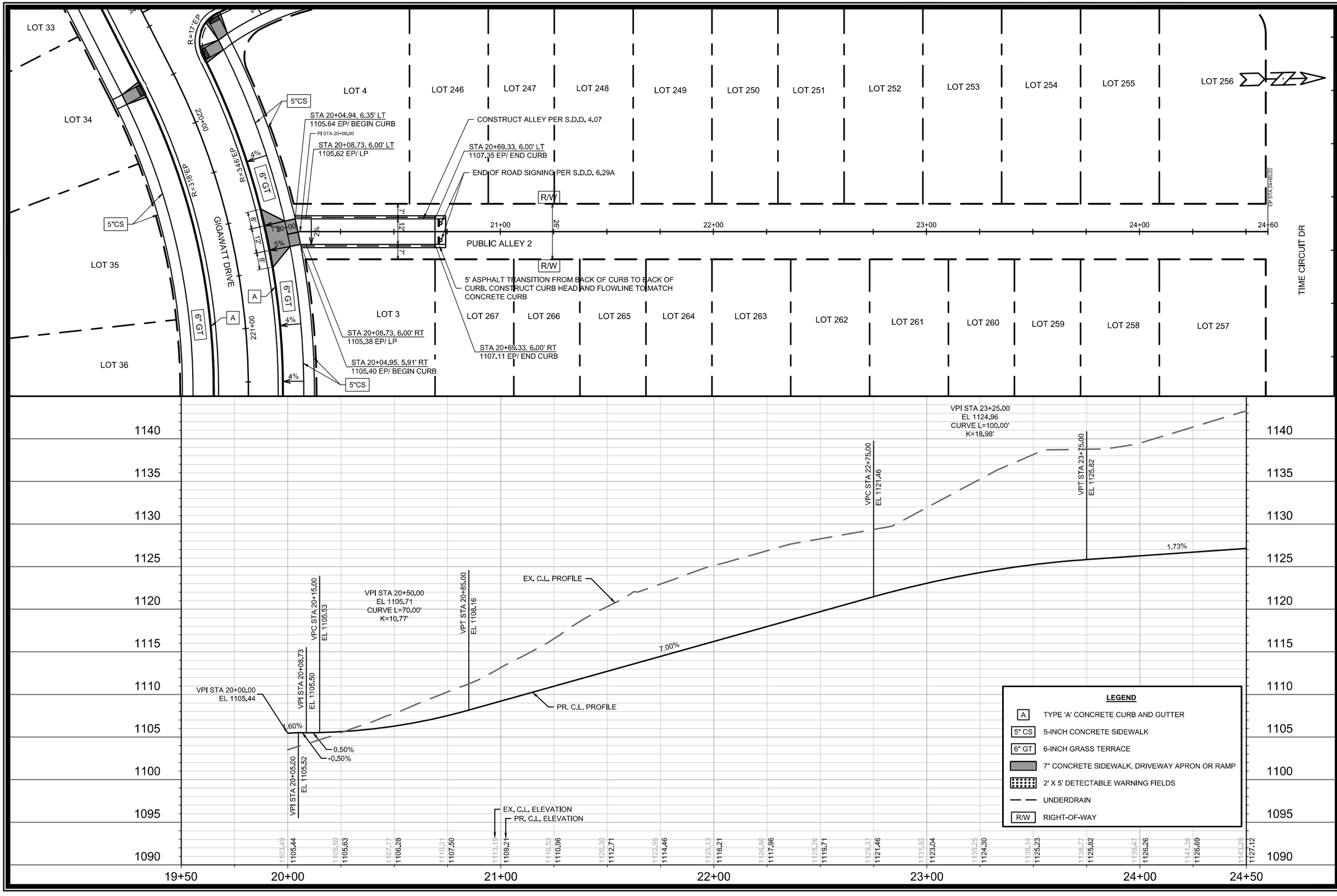

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/28/2025 1:38 PM	Scale: 1" = 40'	P-9
15668			

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MADISON, WI

9643

CONTRACT NO:

PLAN & PROFILE - ALLEY 2

HILL VALLEY - PHASE 1

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LOT 36

O.L. 1
DEDICATED TO PUBLIC FOR STORMWATER MANAGEMENT

LOT 3

LOT 2

SPORTS ALMANAC ROAD

GIGAWATT DRIVE

TIME CIRCUIT DR

LOT 267 LOT 266 LOT 265 LOT 264 LOT 263 LOT 262 LOT 261 LOT 260 LOT 259 LOT 258 LOT 257

LOT 216 LOT 217 LOT 218

LOT 214 LOT 215

LOT 207 LOT 208 LOT 209 LOT 210 LOT 211 LOT 212 LOT 213

STA 440+13.68, 31.00' LT
1104.43 EP/ PC

STA 440+18.66, 18.98' LT
1104.17 EP/ MC

STA 440+30.68, 31.00' LT
1104.56 BW/ KEYSTONE/ LP

STA 440+30.68, 14.00' LT
1103.91 EP/ PT

STA 440+34.68, 14.00' LT
1103.89 EP/ LP

STA 440+50.00, 31.00' LT
1104.85 BW/ BEGIN 4% TERR.

STA 440+87.68, 31.00' LT
1105.71 BW/ END SIDEWALK

STA 440+87.68, 14.00' LT
1104.87 BW/ END CURB

STA 440+87.68, 14.00' RT
1104.87 EP/ END CURB

STA 440+87.68, 31.00' RT
1105.71 BW/ END SIDEWALK

STA 440+50.00, 31.00' RT
1104.85 BW/ BEGIN 4% TERR.

STA 440+34.68, 14.00' RT
1103.89 EP/ LP

STA 440+30.68, 14.00' RT
1103.91 EP/ PT

STA 440+30.68, 31.00' RT
1104.38 BW/ KEYSTONE/ LP

STA 440+18.66, 18.98' RT
1104.01 EP/ MC

STA 440+13.68, 31.00' RT
1104.12 EP/ PC/ HP

NOTE 1

NOTE 2

R=17' EP

R/W

64'

16'

10'

5'

4%

1%

5" CS

6" GT

A

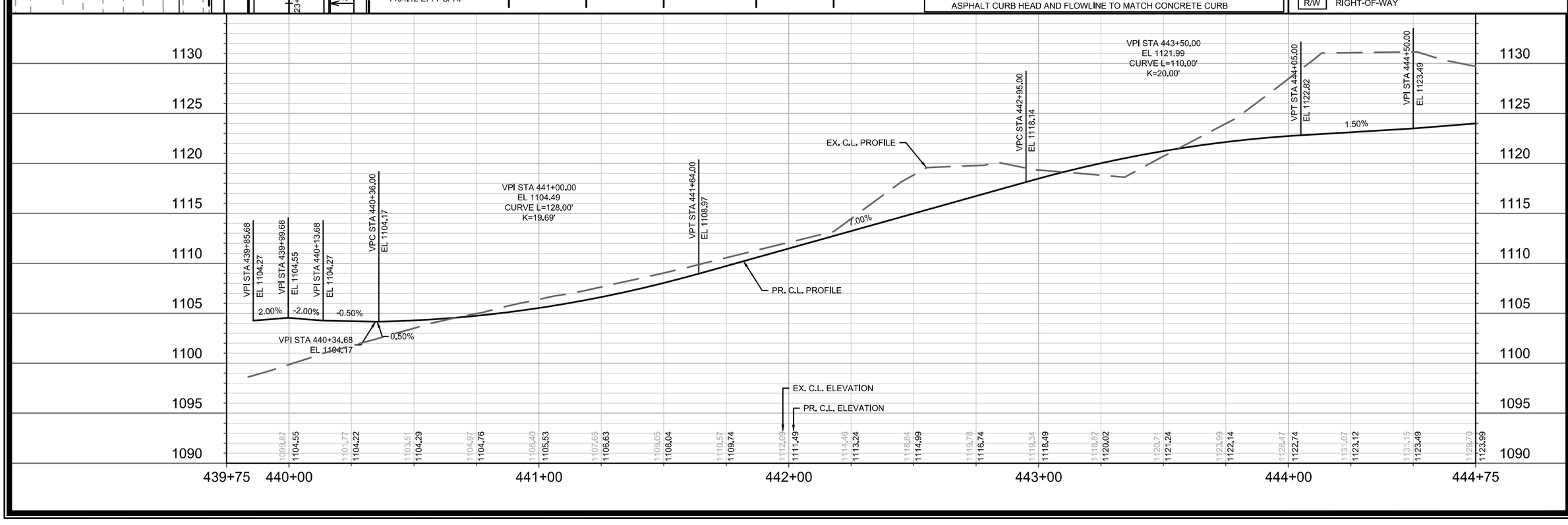
221+00 222+00 223+00

440+00 441+00 442+00 443+00 444+00 445+00

NOTES:
1. END OF ROAD SIGNING PER S.D.D. 6.29A
2. 5' ASPHALT TRANSITION FORM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB

LEGEND

A	TYPE 'A' CONCRETE CURB AND GUTTER
5" CS	5-INCH CONCRETE SIDEWALK
6" GT	6-INCH GRASS TERRACE
	7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
	2' X 5' DETECTABLE WARNING FIELDS
	UNDERDRAIN
R/W	RIGHT-OF-WAY



1099.87	1104.55	1101.77	1104.22	1103.51	1104.29
1104.97	1104.76	1106.40	1105.53	1107.65	1106.63
1109.05	1108.04	1110.57	1109.74	1112.09	1111.49
1114.46	1113.24	1118.84	1114.99	1119.78	1116.74
1119.34	1118.49	1118.82	1120.02	1120.71	1121.24
1123.99	1122.14	1128.47	1122.74	1131.07	1123.12
1131.15	1123.49	1129.70	1123.99		

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/28/2025 1:38 PM	Scale: 1" = 40'	P-10

15668

MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - SPORTS ALMANAC ROAD

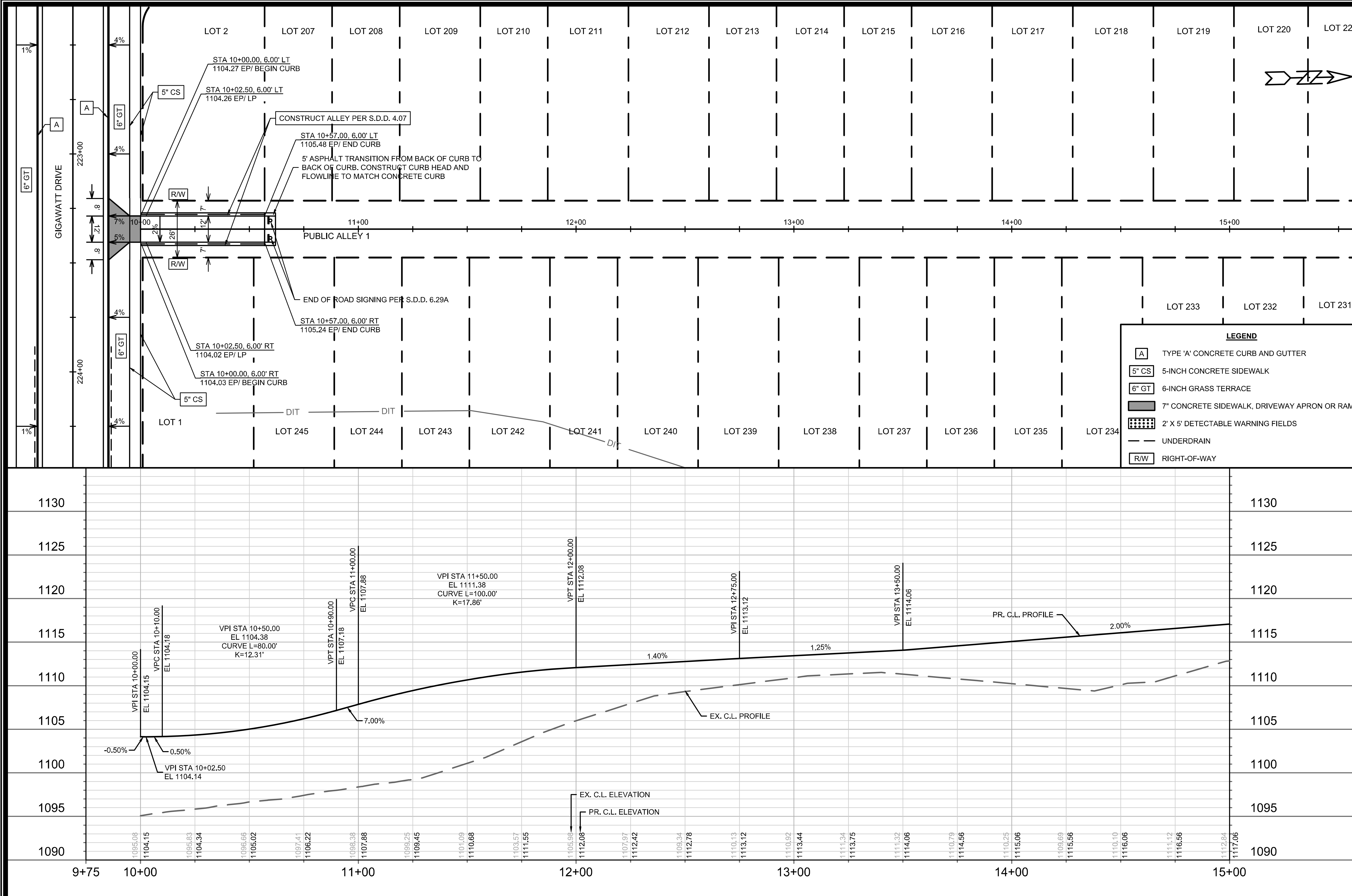
HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-PnP.dwg

CITY OF MADISON WISCONSIN

15668

P-10



MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 8/26/2025 1:38 PM Scale: 1" = 40'

15668

P-11

15668

MADISON, WI

CONTRACT NO: 9643

PLAN & PROFILE - ALLEY 1

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-PnP.dwg

CITY OF MADISON WISCONSIN

15668

P-11

STA 999+49.66, 32.10' LT
1096.62 EP / BEGIN CURB / MATCH EX
STA 999+64.07, 32.02' LT
1096.74 EP/ PI/ END TYPE 'H' CURB
5"CS
STA 999+97.82, 41.82' LT
1097.39 BW/ PI
STA 999+93.15, 42.18' LT
1097.32 BW/ MATCH EX
TRANSITION CURB
FROM H TO A
STA 999+97.62, 35.83' LT
1097.48 FW/ PI
STA 999+97.41, 29.88' LT
1097.03 EP/ PI/ END TRANSITION CURB
BEGIN TYPE 'A' CURB
STA 1000+12.81, 41.31' LT
1097.17 BW/ PI
5" CONCRETE FLUME
2' WIDE & 5' LONG
STA 1000+23.74, 48.99' LT
1096.83 BW/ PI/ BEGIN PATH/ LOW POINT
STA 1000+23.40, 38.99' LT
1097.03 FW/ PI/ BEGIN PATH/ LOW POINT
STA 1000+12.61, 35.31' LT
1097.26 FW/ PI
O.L. 1
DEDICATED TO PUBLIC
FOR STORMWATER
MANAGEMENT
ASPHALT PATH
R/W
SLOPE INTERCEPT
STA 1001+39.32, 25.00' LT
1098.66 EP/ PI
STA 1000+91.94, 9.00' LT
1098.39 SAW/ PI
PAVEMENT SAWCUT
STA 1002+25.00, 45.00' LT
1100.51 BW/ END BACKPITCHED
4% TERR./ END ASPHALT/
BEGIN CONCRETE
STA 1002+25.00, 35.00' LT
1100.71 FW/ END ASPHALT/
BEGIN CONCRETE
5"CS
UNDERDRAIN
6" GT
A
7' WIDE
CURB CUT
GIGAWATT DRIVE
R=27'EP
PI STA 1000+00.00
S HIGH POINT ROAD
1000+00
1001+00
1002+00
1003+00
225+00
225+79
LOT 1
LOT 245
LOT 244
LOT 243
LOT 242
ASPHALT PATH
STA 1003+61.71, 53.00' LT
1105.28 BW/ PI
UNDERDRAIN
R/W
STA 1003+87.21, 53.00' LT
1106.18 BW/ END PATH
STA 1003+87.21, 25.00' LT
1104.98 EP/ PI
GRADE BREAKS
STA 1004+93.40, 14.38' LT
1106.64 EP/ END CURB/ MATCH
1004+00
1005+00
1301 STARR GRASS DR
1266 TWINLEAF LN
1262 TWINLEAF LN
1258 TWINLEAF LN
1254 TWINLEAF LN
1250 TWINLEAF LN
1246 TWINLEAF LN
1242 TWINLEAF LN
1238 TWINLEAF LN

REVISION 3 - FBEG
CHANGED LAYOUT OF
SIDEWALK AND CONNECTION
LOCATION TO PATH.

VPI STA 999+50.00
EL 1097.28
EX. C.L. PROFILE
VPI STA 1000+00.00
EL 1097.65
VPI STA 1000+50.00
EL 1098.04
VPI STA 1001+25.00
EL 1098.86
VPI STA 1001+75.00
EL 1099.90
VPI STA 1002+50.00
EL 1102.20
VPI STA 1003+00.00
EL 1103.65
VPI STA 1003+50.00
EL 1104.79
VPI STA 1004+00.00
EL 1105.72
VPI STA 1005+00.00
EL 1107.01
0.74%
0.78%
1.09%
2.08%
3.07%
2.90%
2.27%
1.87%
1.29%
ULTIMATE C.L. PROFILE
EX. C.L. ELEVATION
ULTIMATE C.L. ELEVATION

LEGEND
- A — TYPE 'A' CONCRETE CURB AND GUTTER
- H — TYPE 'H' CONCRETE CURB AND GUTTER
- 5" CS — 5-INCH CONCRETE SIDEWALK
- 6" GT — 6-INCH GRASS TERRACE
- 7" CONCRETE SIDEWALK, DRIVEWAY APRON OR RAMP
- 2' X 5' DETECTABLE WARNING FIELDS
- UNDERDRAIN
- R/W — RIGHT-OF-WAY

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 10/16/2025 8:51 AM	Scale: 1" = 40'	P-12

15668

MADISON, WI 9643

CONTRACT NO:

PLAN & PROFILE - S HIGH POINT RD

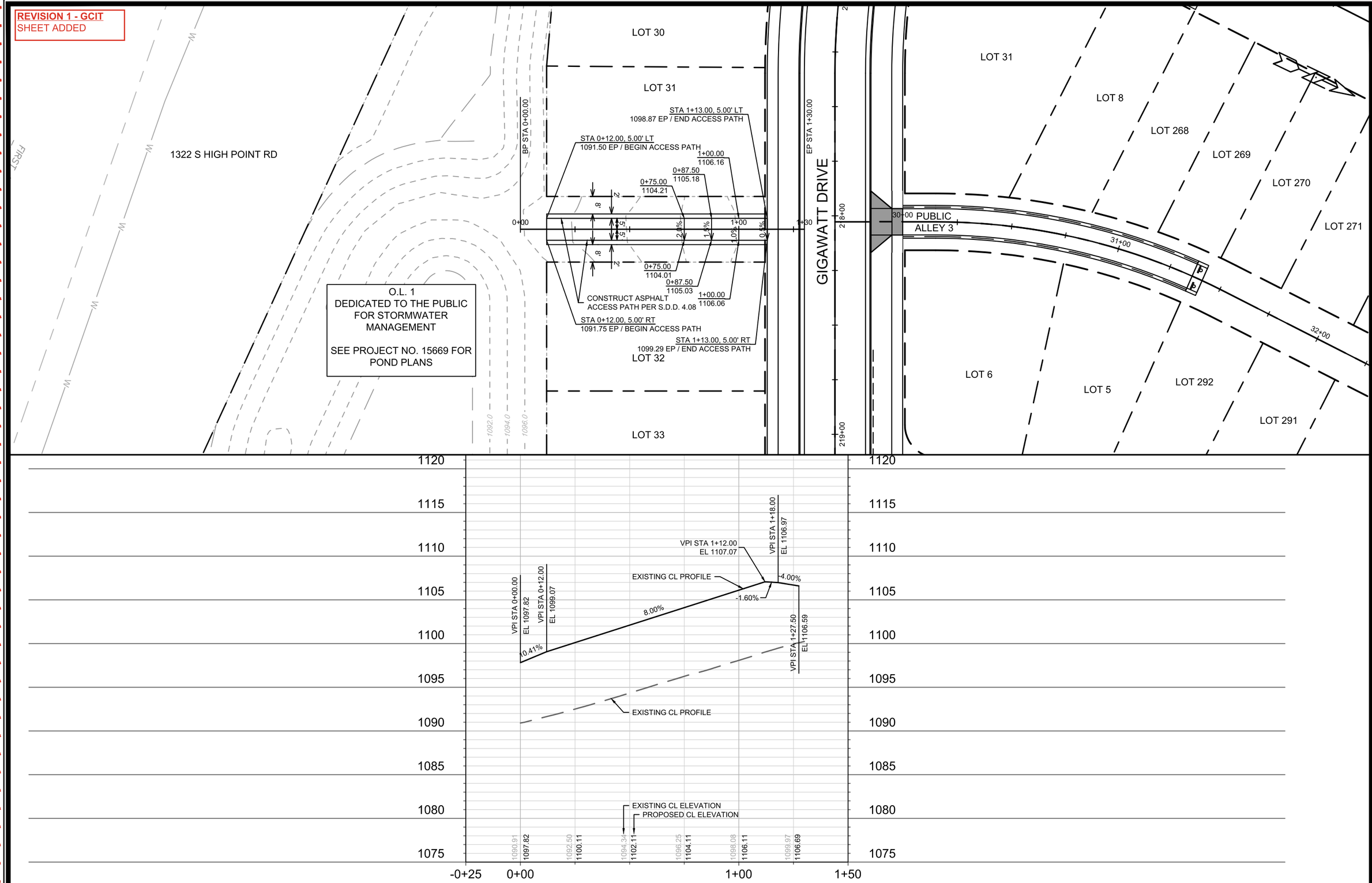
HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-PnP.dwg

15668

P-12

REVISION 1 - GCIT
SHEET ADDED



REV1	SHEET ADDED	---	GIT
MARK	REVISION	DATE	BY

Designed By: FBEG | Date: 9/15/2025 2:34 PM | Scale: 1" = 40' | P-13

15668

MADISON, WI

CONTRACT NO: 9643

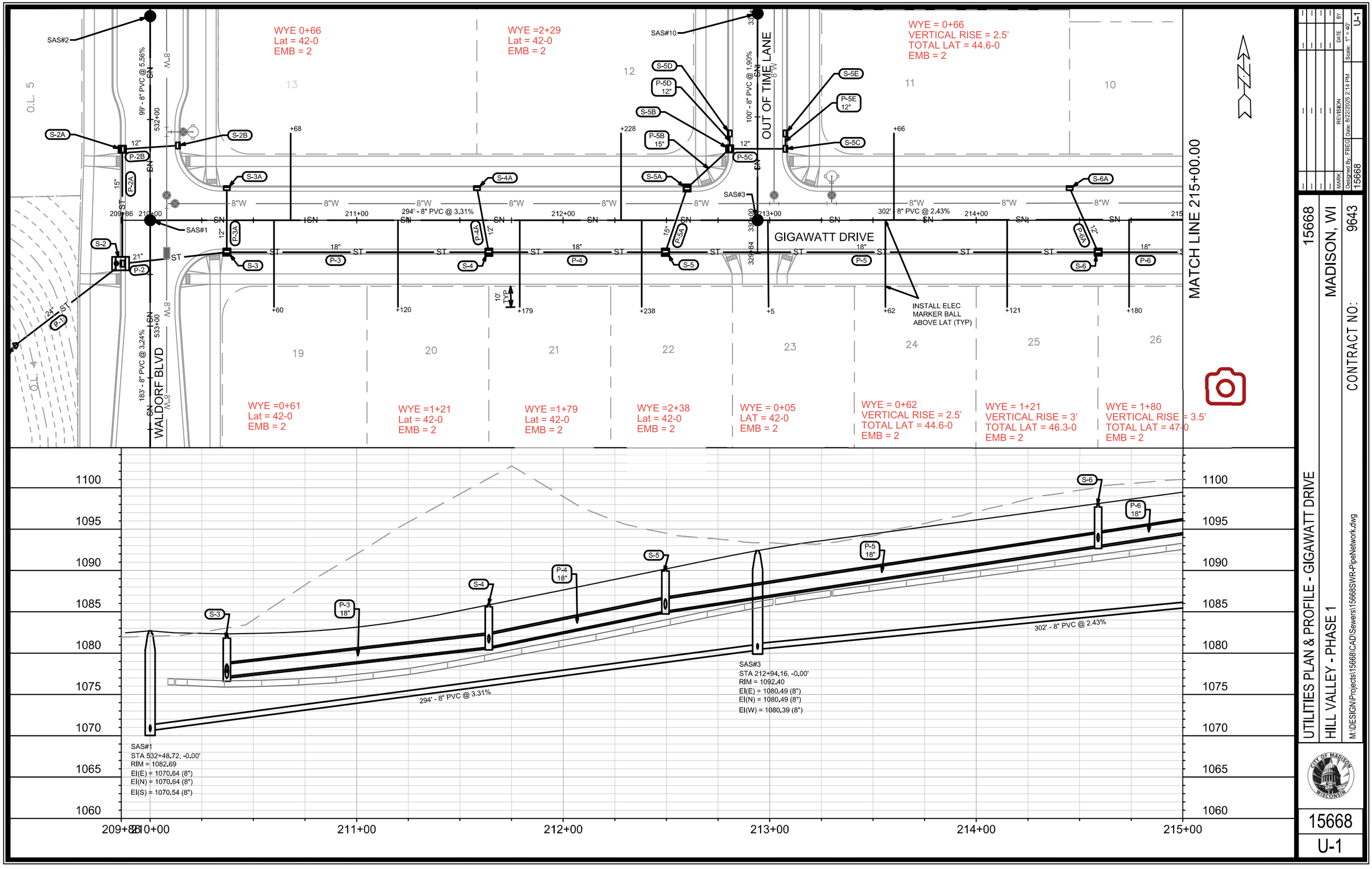
PLAN & PROFILE - O.L.1 ACCESS PATH

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-PnP.dwg

15668

P-13



MARK	REVISION	DATE	BY

Designed By: FBEG | Date: 8/22/2025 2:14 PM | Scale: 1" = 40'

U-1

15668

MADISON, WI

9643

CONTRACT NO:

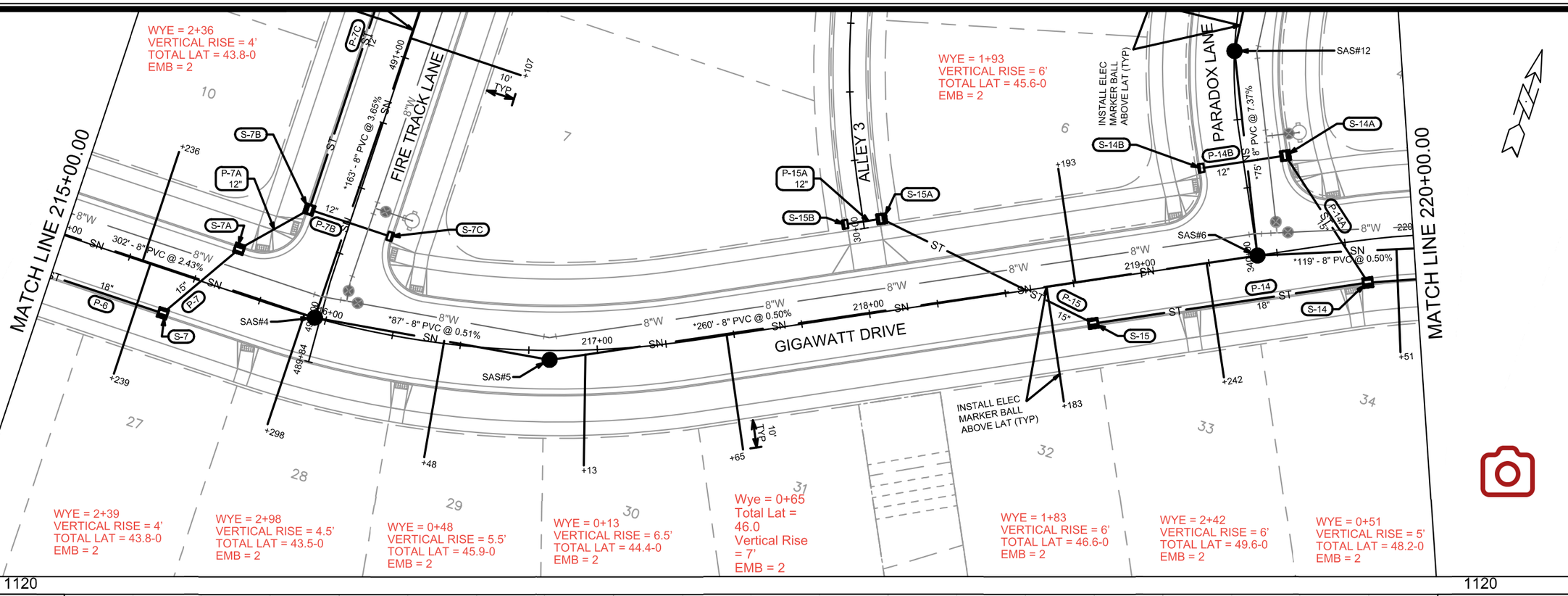
UTILITIES PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-1



MARK	REVISION	Designed By: FBEG	Date: 8/22/2025 2:17 PM	Scale: 1" = 40'	DATE	BY

U-2

15668

MADISON, WI

CONTRACT NO: 9643

UTILITIES PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-2

WYE = 0+62
VERTICAL RISE = 5'
TOTAL LAT = 48.2-0
EMB = 2

WYE = 0+64
VERTICAL RISE = 3.5'
TOTAL LAT = 46.0-0
EMB = 2

WYE = 0+67
VERTICAL RISE = 2'
TOTAL LAT = 42.9-0
EMB = 2

WYE = 2+13
LAT = 40-0
EMB = 2

WYE = 0+15
VERTICAL RISE = 4'
TOTAL LAT = 46.8-0
EMB = 2

WYE = 0+90
VERTICAL RISE = 3'
TOTAL LAT = 44.3-0
EMB = 2

REPRINTED 09/17/2025 - EEA
TO DISPLAY CHANGES TO WATER MAIN

ALLEY 2
ALLEY 1
SPORTS ALMANAC RD
GIGAWATT DRIVE
S HIGH PT ROAD
MATCH LINE 220+00.00

P-11D 12"
P-11C 12"
P-12B 12"
P-11F 12"
P-11 18"
P-12 18"
P-13 18"
P-10 24"
P-20 42"
P-21 42"
P-22 42"
P 30 12"

S-11D
S-11B
SAS#14
S-11C
S-11A
S-12B
S-12A
S-11G
S-11E
S-11F
S-23
SAS#15
S-31
S-30
S-22
EX AS 2464-048
EX 2" RCP STM
EX IN 2464-061
SAS#7
SAS#8
SAS#9
S-13
S-12
S-11
S-10
S-20
S-21

*119' - 8" PVC @ 0.50%
*131' - 8" PVC @ 0.51%
*303' - 8" PVC @ 0.50%
79' - 8" PVC @ 2.11%
*81' - 8" PVC @ 3.93%

INSTALL ELEC MARKER BALL ABOVE LAT (TYP)

SAS#7
STA 220+62.70, RT-0.26'
RIM = 1105.21
EI(E) = 1090.55 (8")
EI(W) = 1090.45 (8")

SAS#8
STA 221+94.50, -0.00'
RIM = 1104.55
EI(E) = 1091.32 (8")
EI(N) = 1091.32 (8")
EI(W) = 1091.22 (8")

*NOTE:
PIPE SHALL CONFORM TO
ASTM D 3034 SDR-26

SAS#9
STA 224+97.50, -0.00'
RIM = 1103.37
EI(N) = 1092.94 (8")
EI(W) = 1092.84 (8")

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 9/17/2025 10:23 AM	Scale: 1" = 40'	

U-3

15668

MADISON, WI

9643

CONTRACT NO:

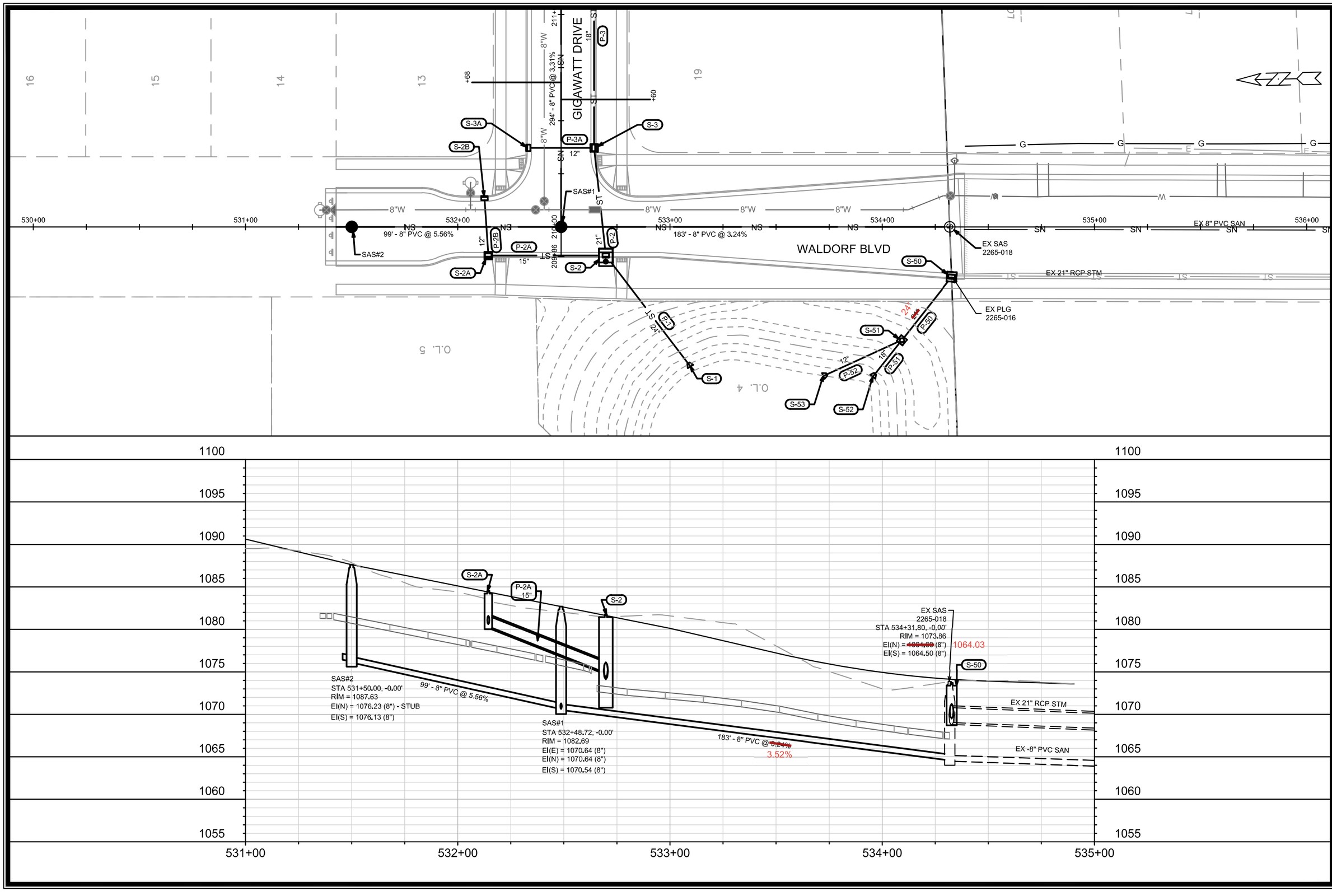
UTILITIES PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-3



MARK	REVISION	DATE	BY

Designed By: FBEG | Date: 8/28/2025 1:23 PM | Scale: 1" = 40'

U-4

15668

MADISON, WI

CONTRACT NO: 9643

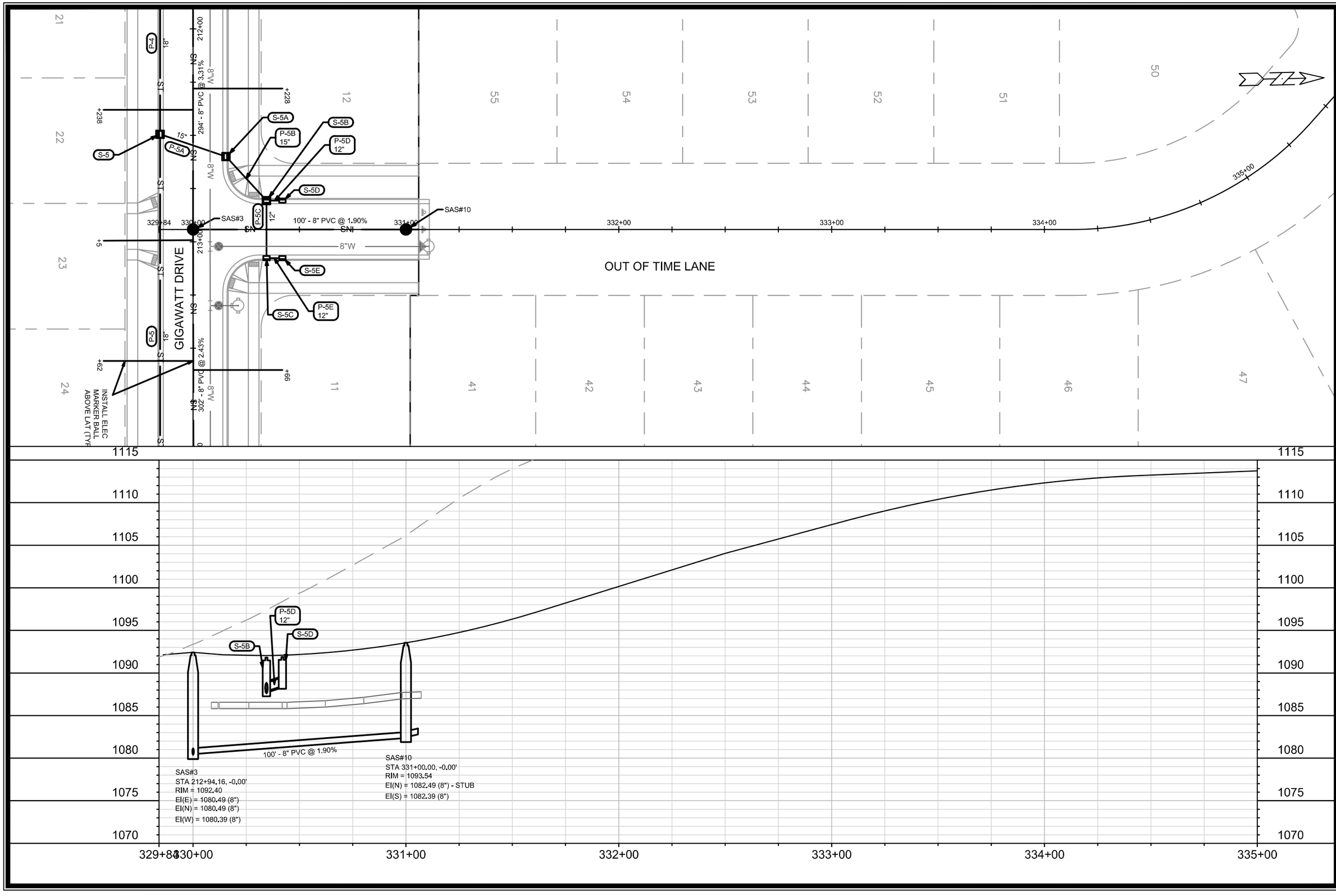
UTILITIES PLAN & PROFILE - WALDORF BLVD

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-4



MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 8/22/2025 2:26 PM | Scale: 1" = 40' | U-5

15668

MADISON, WI

CONTRACT NO: 9643

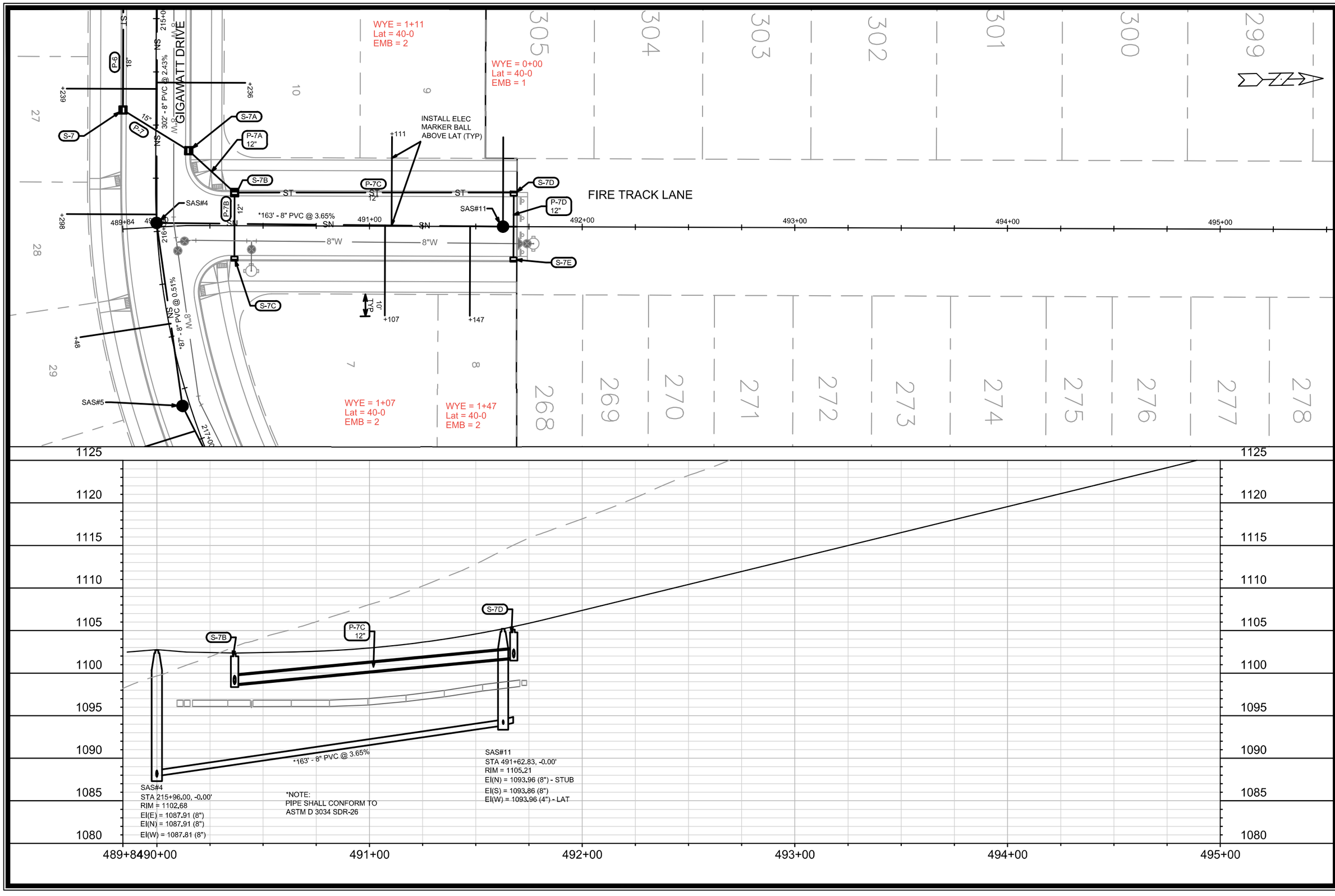
UTILITIES PLAN & PROFILE - OUT OF TIME LANE

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-5



MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 8/22/2025 2:28 PM | Scale: 1" = 40' | U-6

15668

MADISON, WI

CONTRACT NO: 9643

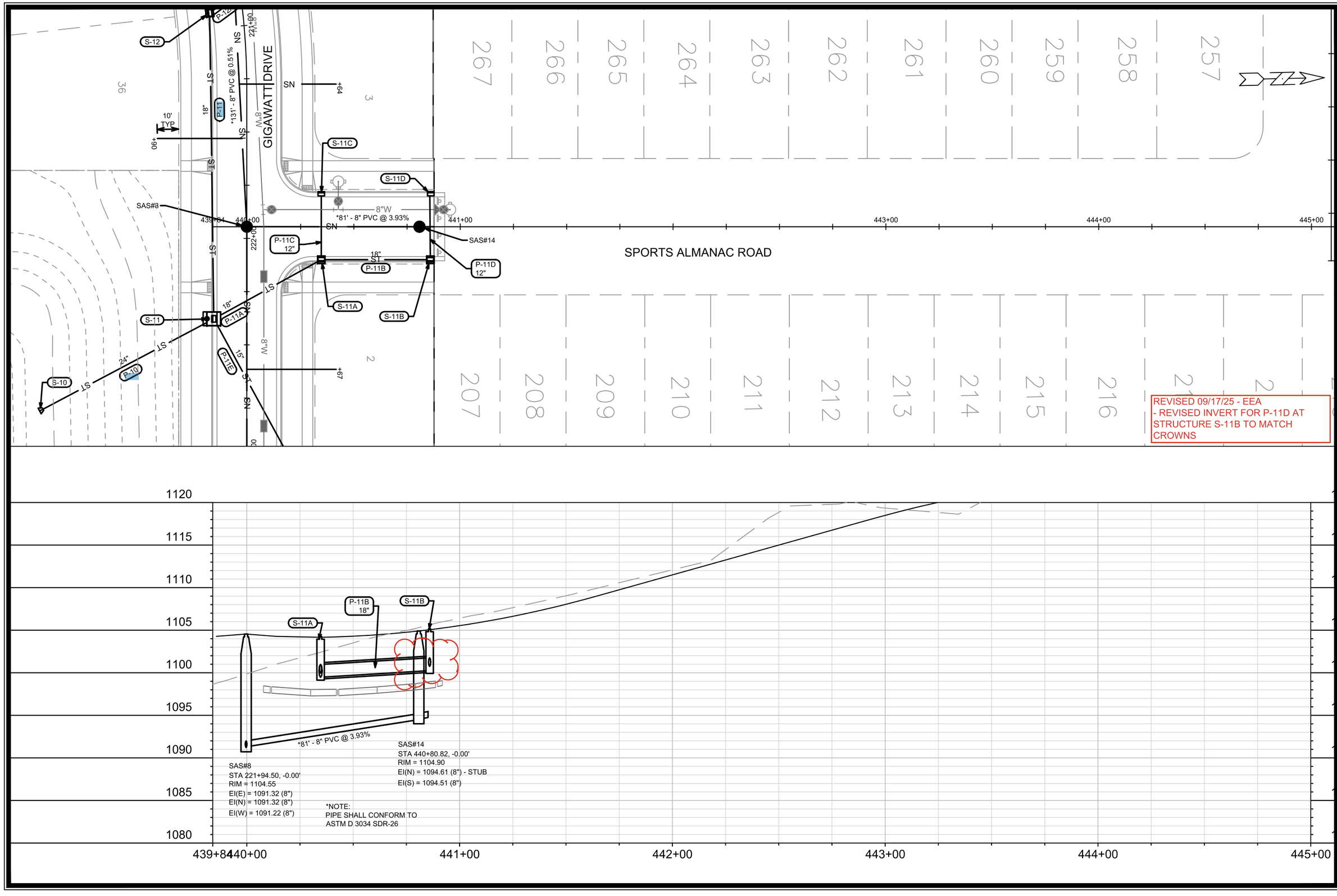
UTILITIES PLAN & PROFILE - FIRE TRACK LANE

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-6



REVISED 09/17/25 - EEA
- REVISED INVERT FOR P-11D AT STRUCTURE S-11B TO MATCH CROWNS

MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 9/17/2025 10:15 AM | Scale: 1" = 40'

15668

U-7

UTILITIES PLAN & PROFILE - SPORTS ALMANAC ROAD

HILL VALLEY - PHASE 1

MADISON, WI

CONTRACT NO: 9643

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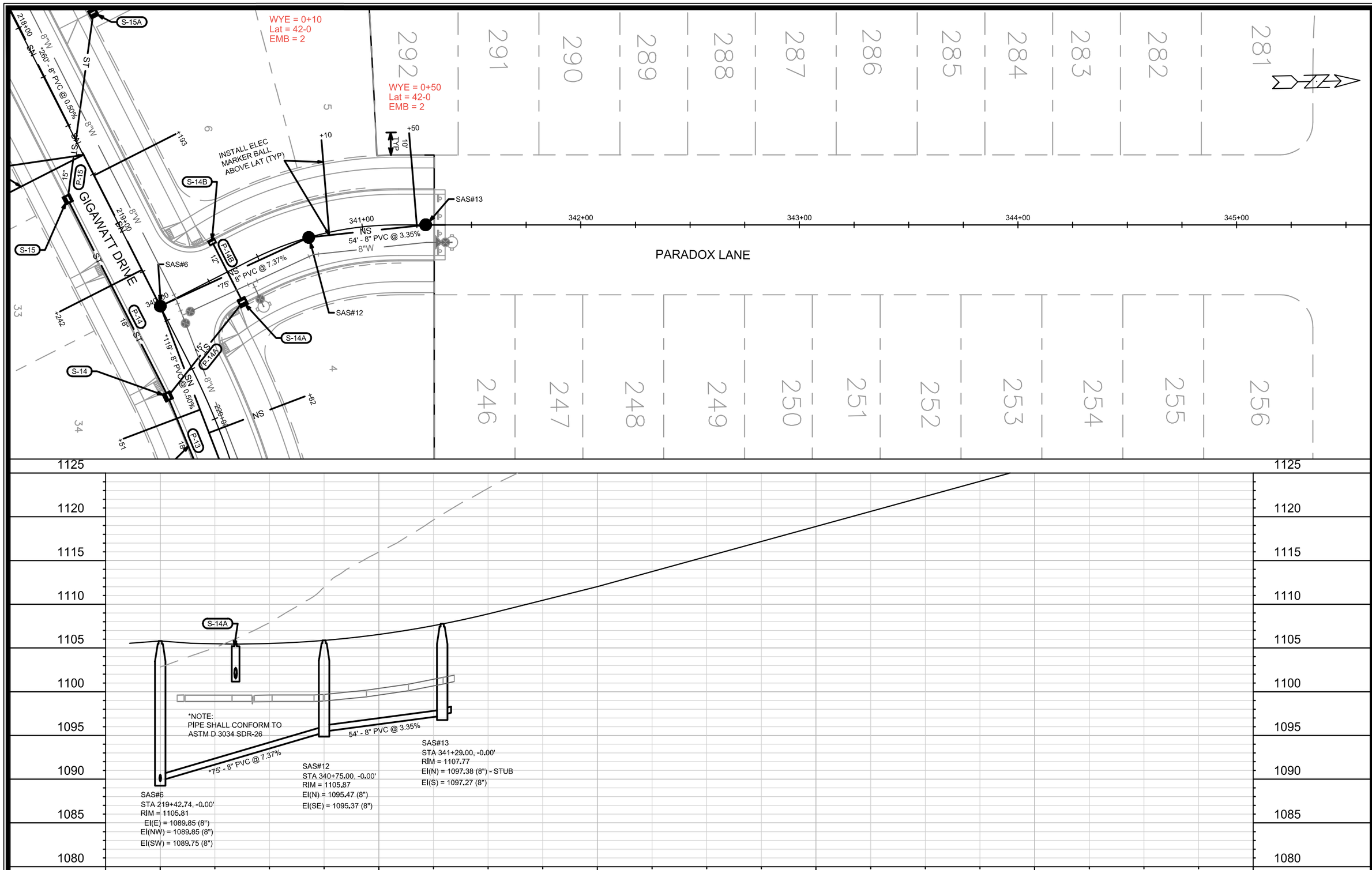
CITY OF MADISON WISCONSIN

15668

U-7



MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/22/2025 2:35 PM	Scale: 1" = 40'	U-8
15668			

15668

MADISON, WI

CONTRACT NO: 9643

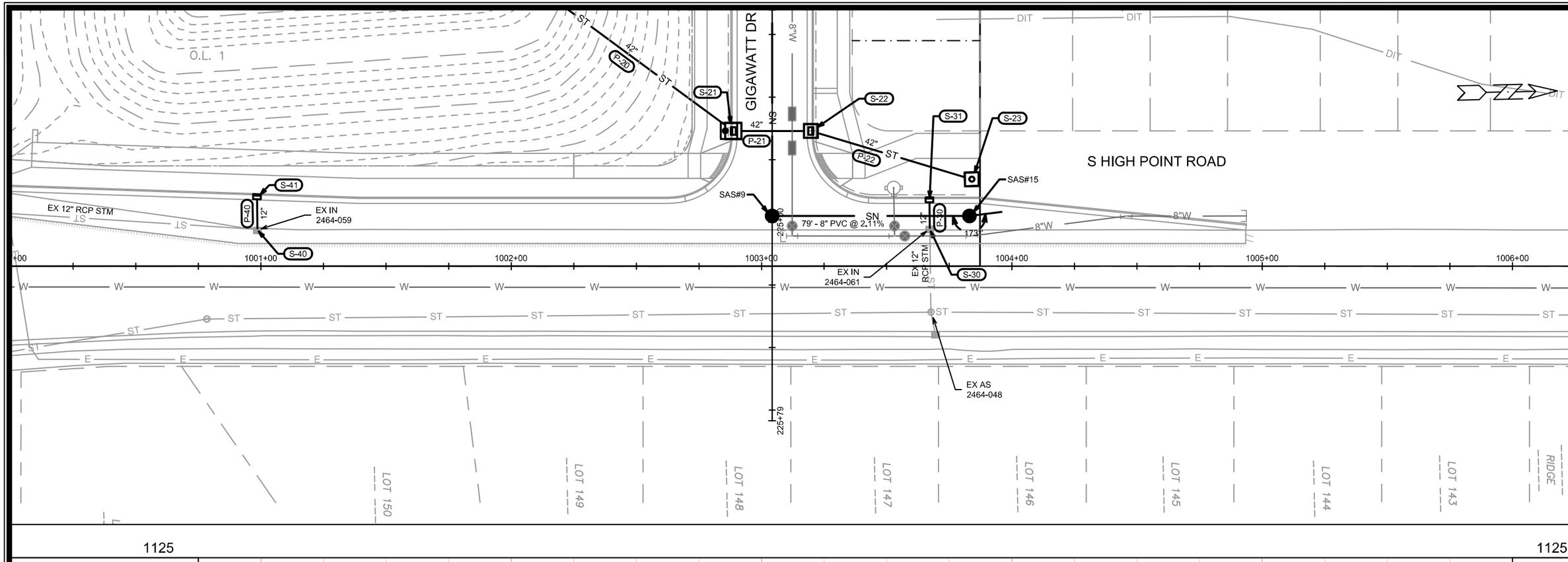
UTILITIES PLAN & PROFILE - PARADOX LANE

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-8



MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/22/2025 2:37 PM	Scale: 1" = 40'	

15668

MADISON, WI

CONTRACT NO: 9643

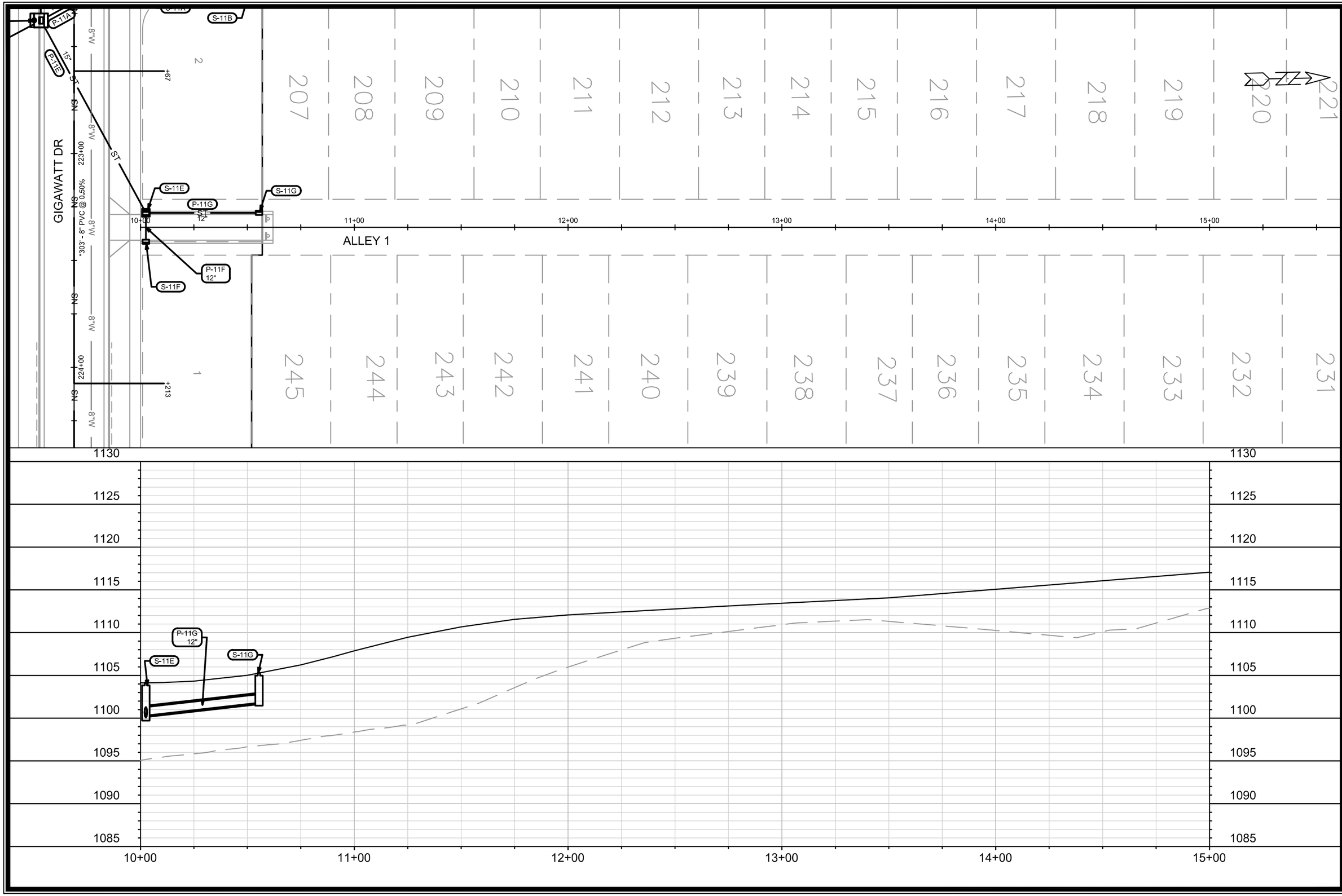
UTILITIES PLAN & PROFILE - S HIGH POINT ROAD

HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-9



MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 8/22/2025 2:39 PM | Scale: 1" = 40' | U-10

15668

MADISON, WI

CONTRACT NO: 9643

UTILITIES PLAN & PROFILE - ALLEY 1

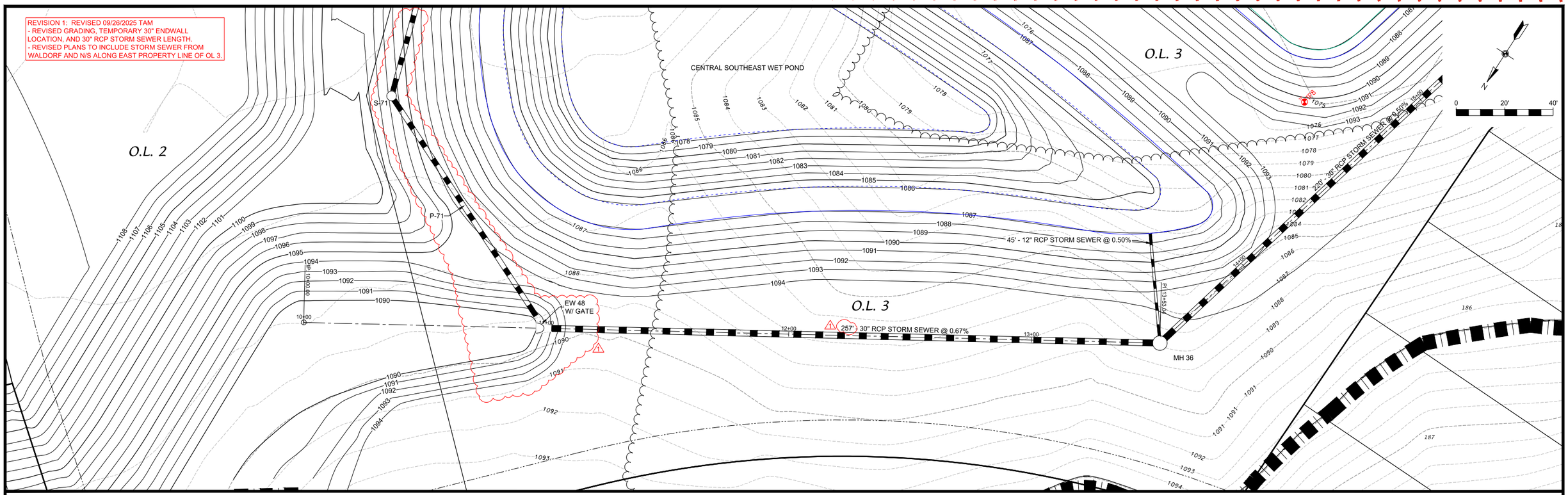
HILL VALLEY - PHASE 1

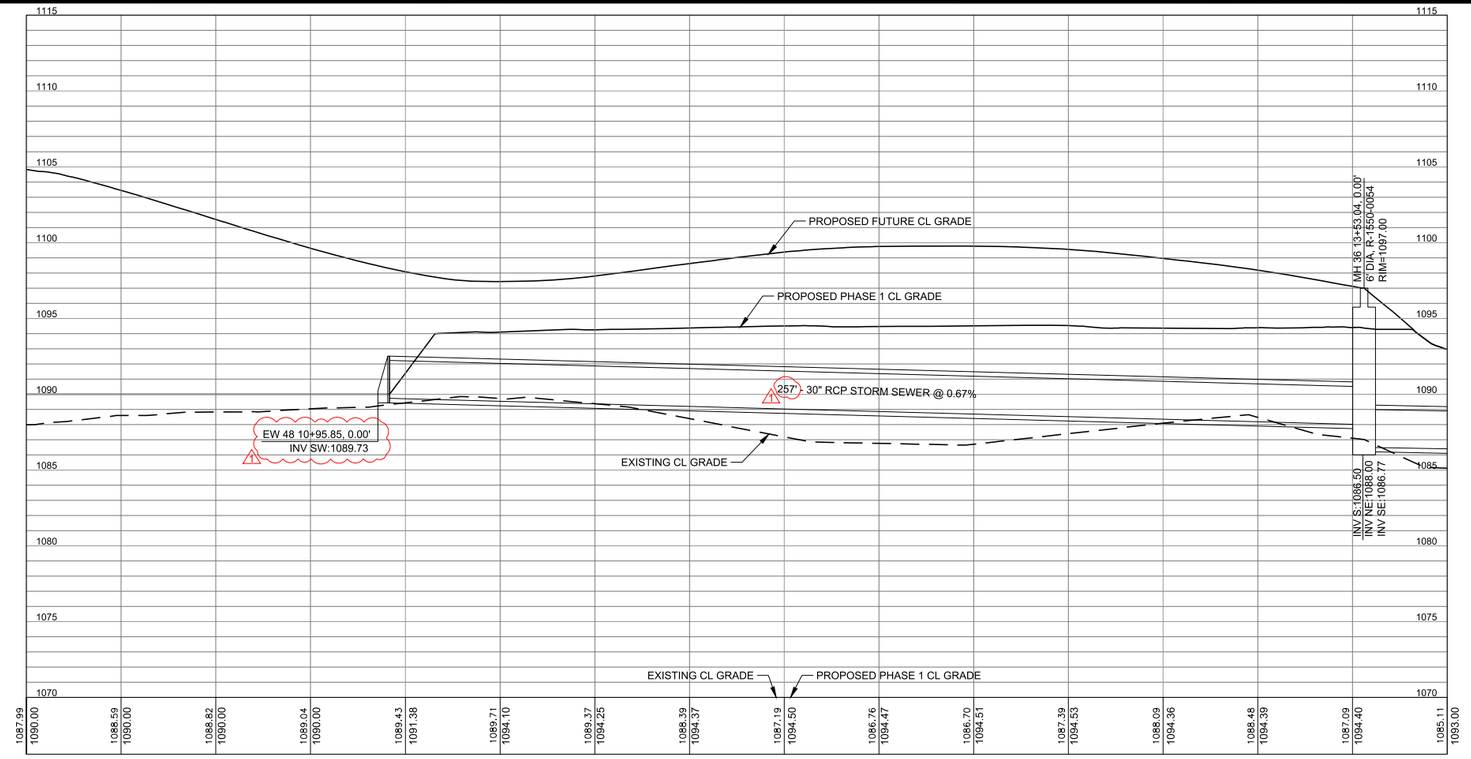
M:\DESIGN\Projects\15668\CAD\Sewers\15668SWR-PipeNetwork.dwg

15668

U-10

REVISION 1: REVISED 09/26/2025 TAM
- REVISED GRADING, TEMPORARY 30" ENDWALL LOCATION, AND 30" RCP STORM SEWER LENGTH.
- REVISED PLANS TO INCLUDE STORM SEWER FROM WALDORF AND N/S ALONG EAST PROPERTY LINE OF OL 3.





09/26/2025

File: U:\User\2505108\Drawings\Production\2505108 OL Storm Sewer P&P.dwg OL Storm Sewer P&P Plotted: Sep 29, 2025 - 11:04am

FN: 25-05-108

DATE: 08-25-2025
REV: 09/26/2025

HILL VALLEY PHASE 1 STORMWATER MANAGEMENT

OL STORM SEWER
SHEET: U-11

REVISION 1
SHEET ADDED

O.L. 3

CENTRAL SOUTHEAST INFILTRATION

EX 21" PIPE TO BE REMOVED

24" APRON ENDWALL W/ GATE
INV=1086.00

34' - 24" RCP STORM SEWER @ 1.00%

43' - 12" RCP STORM SEWER @ 0.50%
DRAWDOWN PIPE

45' - 12" RCP STORM SEWER @ 0.50%

MH 36

220' - 30" RCP STORM SEWER @ 0.50%

MH 31

182' - 36" RCP STORM SEWER @ 9.01%

15' - 36" RCP STORM SEWER @ 4.83%

MH 59

EW 49
W/ GATE

PHASE 1 GRADING LIMITS

O.L. 5

FUTURE 103' - 36" RCP STORM SEWER @ 4.84%

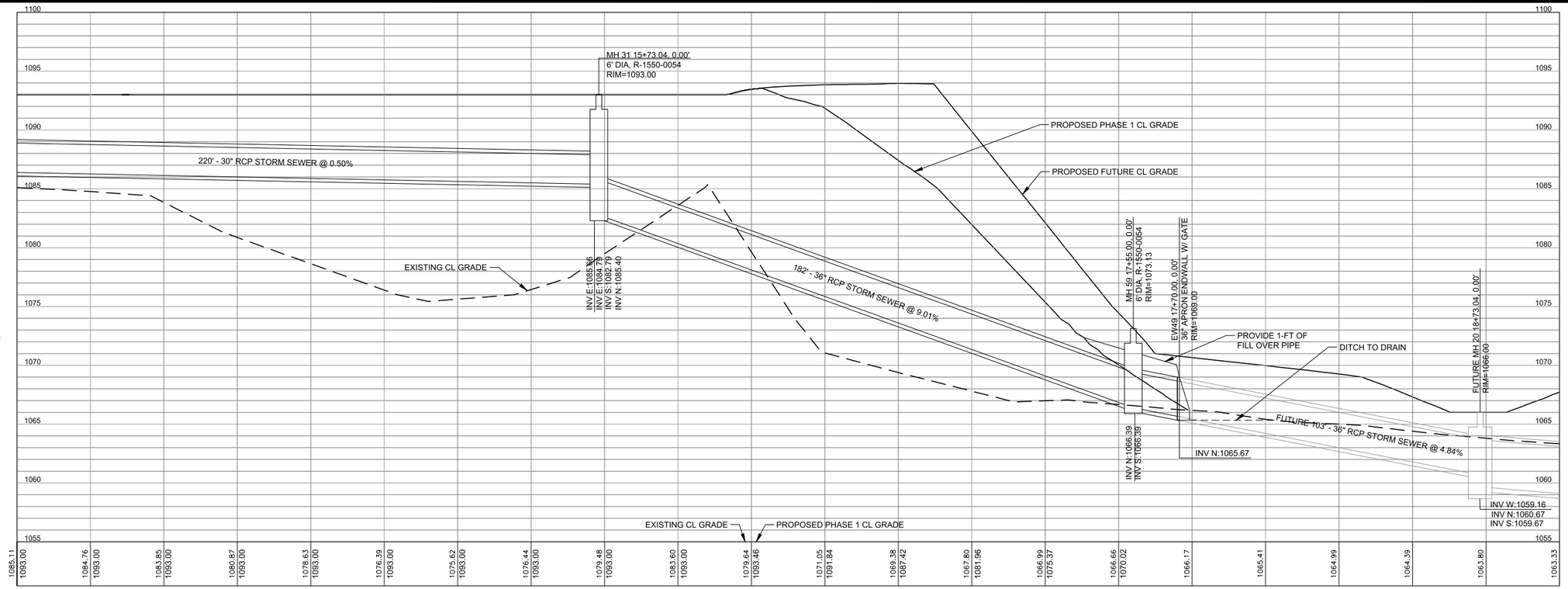
FUTURE
MH 20

FUTURE 157' -

FUTURE 190' - 24" RCP STORM SEW

SB27

0 20' 40'



WISCONSIN
TAYLOR A. MCMANNIS
E-49621
VERONA, WI
PROFESSIONAL ENGINEER

09/26/2025

File: U:\User\2505108\Drawings\Production\2505108 OL Storm Sewer P&P.dwg OL Storm Sewer P&P (1) Plotted: Sep 29, 2025 - 11:08am

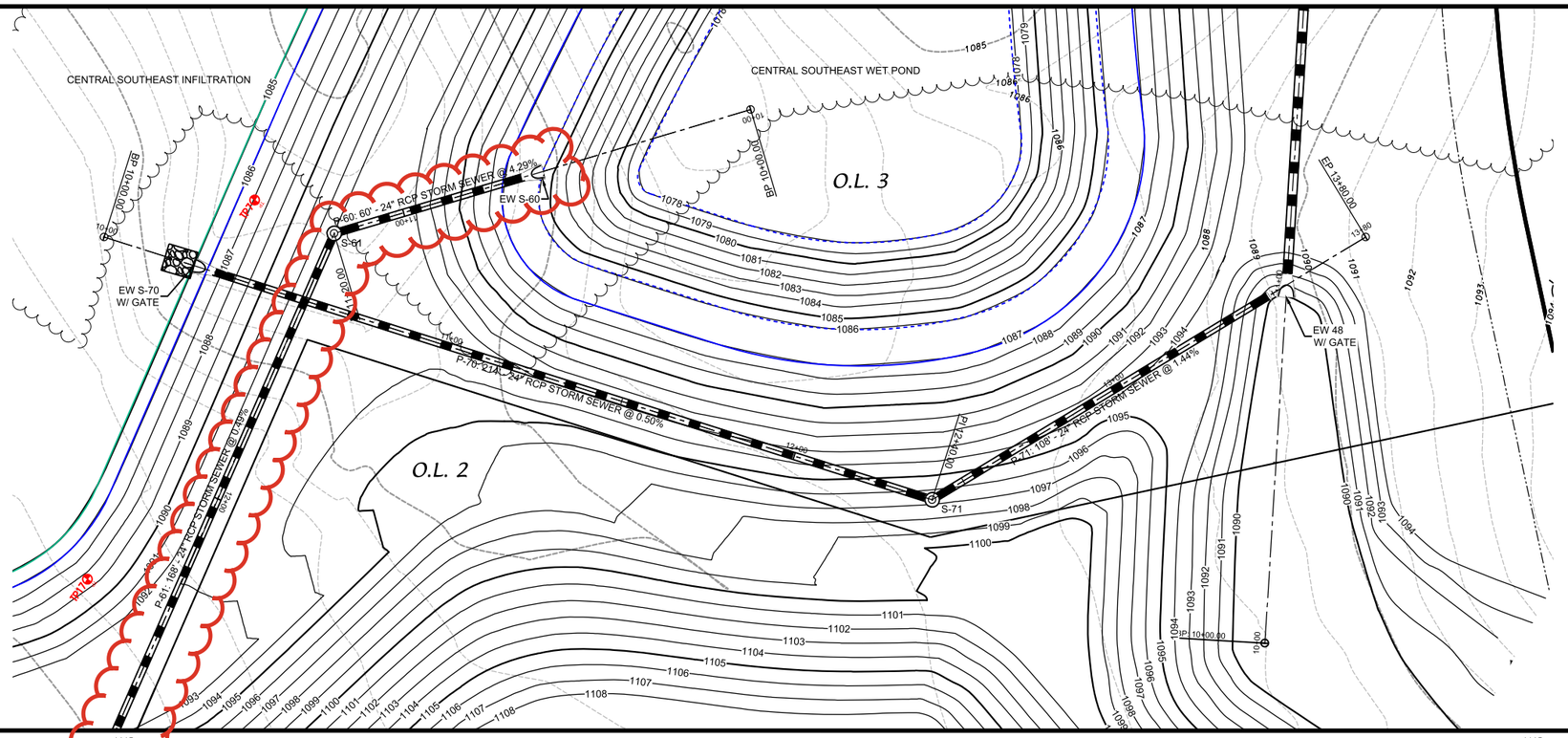
FN: 25-05-108 DATE: 08-25-2025
REV: 09/26/2025

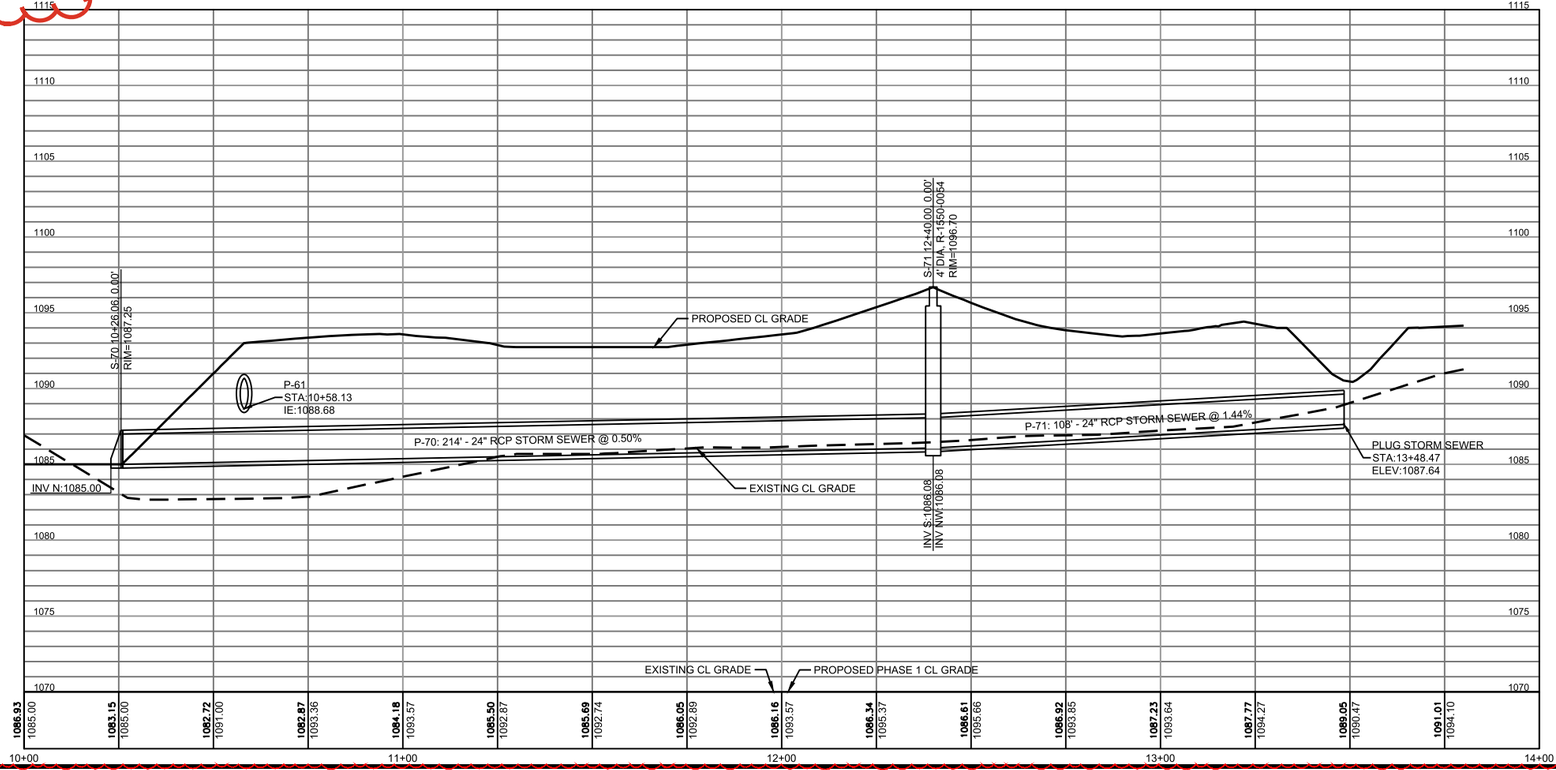
HILL VALLEY PHASE 1 STORMWATER MANAGEMENT

OL STORM SEWER
SHEET: U-12

REVISION 2: REVISED 10/03/2025 TAM
- REVISED PLANS TO INCLUDE SHEETS U-13 AND U-14

REVISION 4: 10/22/2025
- PIPES AND STRUCTURES RENUMBERED

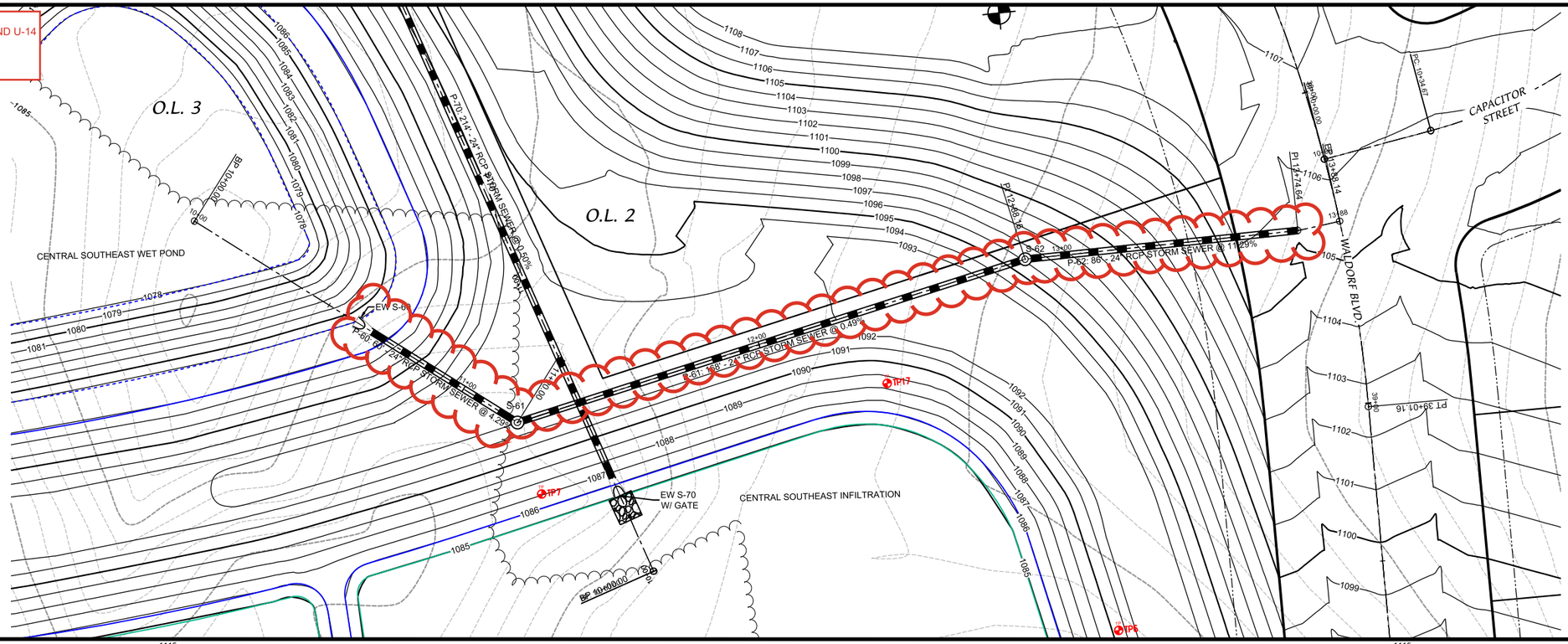


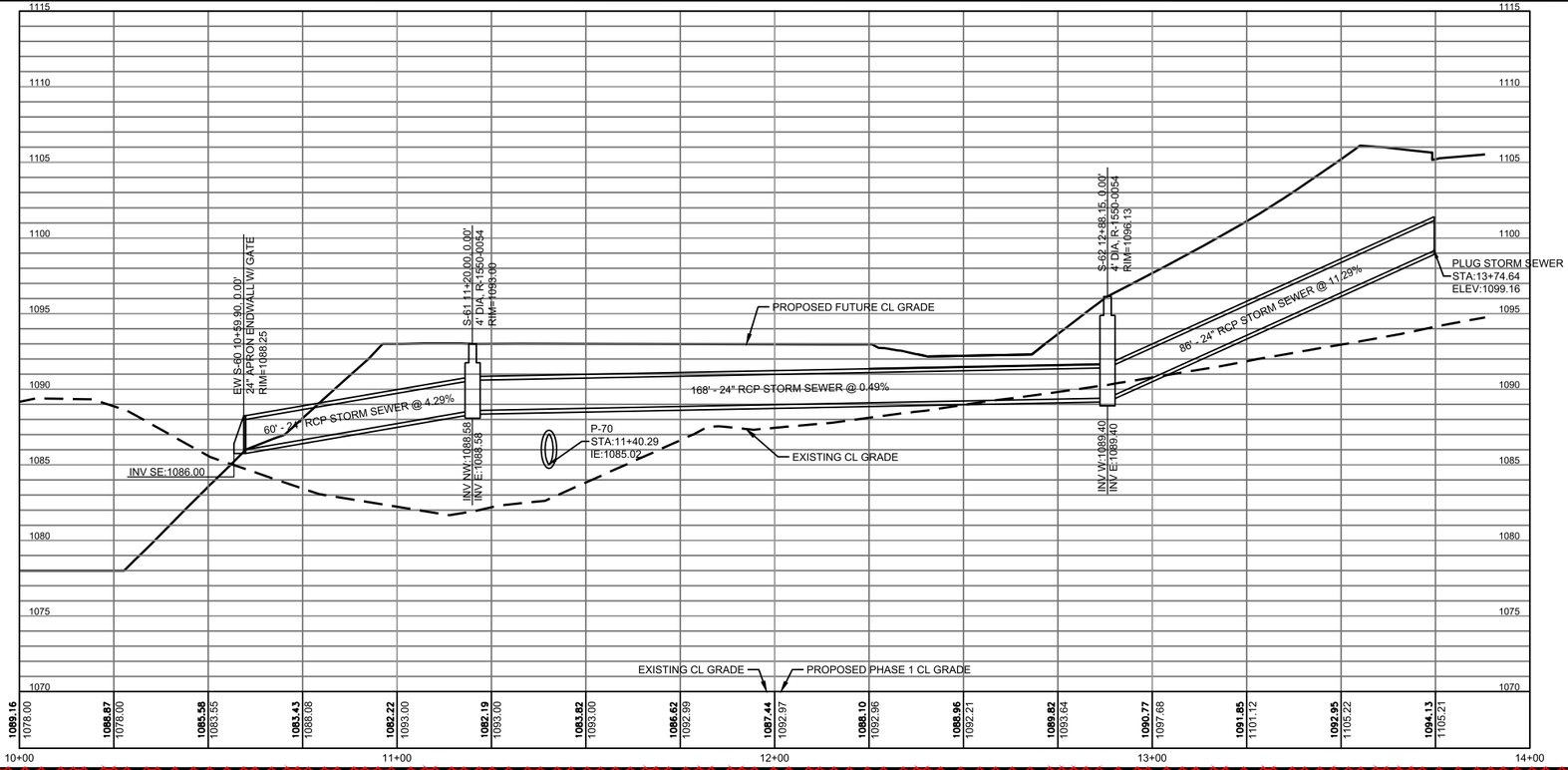


WISCONSIN
TAYLOR A. MCMANNIS
E-49621
VERONA, WI
PROFESSIONAL ENGINEER
10/03/2025

REVISION 2: REVISED 10/03/2025 TAM
- REVISED PLANS TO INCLUDE SHEETS U-13 AND U-14

REVISION 4: 10/22/2025
- PIPES AND STRUCTURES RENUMBERED





SANITARY SEWER SCHEDULE

HILL VALLEY PHASE 1	SHEET NO.
PROJECT NO. 15668	U-SAN
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
WALDORF BLVD						
SAS#1	532+48.72	CL	1082.69	1070.54	12.15	-
SAS#2	531+50.00	CL	1087.63	1076.13	11.50	-
GIGAWATT DRIVE						
SAS#3	212+94.16	CL	1092.40	1080.39	12.01	-
SAS#4	215+96.00	CL	1102.68	1087.81	14.87	-
SAS#5	216+82.62	RT-3.43	1105.02	1088.35	16.67	-
SAS#6	219+42.74	CL	1105.81	1089.75	16.06	-
SAS#7	220+62.70	LT-0.26	1105.21	1090.45	14.76	-
SAS#8	221+94.50	CL	1104.55	1091.22	13.33	-
SAS#9	224+97.50	CL	1103.37	1092.84	10.53	-
OUT OF TIME LANE						
SAS#10	331+00.00	CL	1093.54	1082.39	11.15	-
FIRE TRACK LANE						
SAS#11	491+62.83	CL	1105.21	1093.86	11.35	-
PARADOX LANE						
SAS#12	340+75.00	CL	1105.87	1095.37	10.50	-
SAS#13	341+29.00	CL	1107.77	1097.27	10.50	-
SPORTS ALMANAC ROAD						
SAS#14	440+80.82	CL	1104.90	1094.51	10.39	-
S HIGH POINT ROAD						
SAS#15	1003+83.00	LT-20.00	1105.00	1094.60	10.40	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
WALDORF BLVD								
EX SAS 2265-018	SAS#1	1064.60	1070.54	183	3.24%	8"	SDR-35	-
SAS#1	SAS#2	1070.64	1076.13	99	5.56%	8"	SDR-35	-
GIGAWATT DRIVE								
SAS#1	SAS#3	1070.64	1080.39	294	3.31%	8"	SDR-35	-
SAS#3	SAS#4	1080.49	1087.81	302	2.43%	8"	~~SDR-35~~ SDR -26	-
SAS#4	SAS#5	1087.91	1088.35	87	0.51%	8"	SDR-26	-
SAS#5	SAS#6	1088.45	1089.75	260	0.50%	8"	SDR-26	-
SAS#6	SAS#7	1089.85	1090.45	119	0.50%	8"	SDR-26	-
SAS#7	SAS#8	1090.55	1091.22	131	0.51%	8"	SDR-26	-
SAS#8	SAS#9	1091.32	1092.84	303	0.50%	8"	SDR-26	-
OUT OF TIME LANE								
SAS#3	SAS#10	1080.49	1082.39	100	1.90%	8"	SDR-35	-
FIRE TRACK LANE								
SAS#4	SAS#11	1087.91	1093.86	163	3.65%	8"	SDR-26	-
PARADOX LANE								
SAS#6	SAS#12	1089.85	1095.37	75	7.37%	8"	SDR-26	-
SAS#12	SAS#13	1095.47	1097.27	54	3.35%	8"	SDR-35	-
SPORTS ALMANAC ROAD								
SAS#8	SAS#14	1091.32	1094.51	81	3.93%	8"	SDR-26	-
S HIGH POINT ROAD								
SAS#9	SAS#15	1092.94	1094.60	79	2.11%	8"	SDR-35	-

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. CONTACT ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

HILL VALLEY PHASE 1	SHEET NO.
PROJECT NO. 15668	U-STM1
STORM SEWER SCHEDULE 1	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
WALDORF BLVD							
S-1	533+09.65	RT-65.77	24" RCP APRON END	-	1072.50	-	W/ GATE; (1)
S-2	532+69.75	RT-13.50	6X6 SAS W/ 3FT SUMP	1081.78	1074.13	7.65	W/ R-3067-7004-V & W/ R-1550; (2)
S-2A	532+14.40	RT-13.50	3X3 SAS	1084.55	1080.35	4.20	W/ R-3067-7004-V
S-2B	532+12.60	LT-13.50	H INLET	1084.64	1081.24	3.40	W/ R-3067-7004-V
S-50	534+32.71	RT-23.52	4X4 SAS	1074.20	1069.04	5.16	W/ R-3067-7004-V; (3)
S-51	534+09.22	RT-53.36	4X4 SAS	1074.49	1069.84	4.65	W/ R-1550
S-52	533+95.53	RT-70.55	18" RCP APRON END	-	1073.00	-	W/ GATE
S-53	533+72.18	RT-70.21	12" RCP APRON END	-	1072.00	-	W/ GATE
GIGAWATT DRIVE							
S-3	210+37.14	RT-15.50	3X3 SAS	1082.14	1076.94	5.20	LP; W/ R-3067-7004-VB
S-3A	210+37.14	LT-15.50	H INLET	1083.26	1079.66	3.60	LP; W/ R-3067-7004-VB
S-4	211+64.00	RT-15.50	3X3 SAS	1085.94	1080.74	5.20	W/ R-3067-7004-V
S-4A	211+58.25	LT-15.50	H INLET	1086.03	1082.43	3.60	W/ R-3067-7004-V
S-5	212+49.50	RT-15.50	3X3 SAS	1090.28	1085.08	5.20	W/ R-3067-7004-V
S-5A	212+60.00	LT-15.50	3X3 SAS	1090.82	1086.62	4.20	W/ R-3067-7004-V
S-6	214+59.00	RT-15.50	3X3 SAS	1098.20	1093.00	5.20	W/ R-3067-7004-V
S-6A	214+45.20	LT-15.50	H INLET	1097.74	1094.14	3.60	W/ R-3067-7004-V
S-7	215+43.00	RT-15.50	3X3 SAS	1101.01	1096.21	4.80	W/ R-3067-7004-V
S-7A	215+62.00	LT-15.50	3X3 SAS	1101.64	1097.44	4.20	W/ R-3067-7004-V
OUT OF TIME LANE							
S-5B	330+34.50	LT-13.50	3X3 SAS	1091.81	1087.61	4.20	LP; W/ R-3067-7004-VB
S-5C	330+34.50	RT-13.50	H INLET	1093.01	1089.41	3.60	LP; W/ R-3067-7004-VB
S-5D	330+42.00	LT-13.50	H INLET	1091.88	1088.48	3.40	W/ R-3067-7004-V
S-5E	330+42.00	RT-13.50	H INLET	1093.08	1089.68	3.40	W/ R-3067-7004-V
FIRE TRACK LANE							
S-7B	490+36.59	LT-15.50	3X3 SAS	1102.31	1098.71	3.60	LP; W/ R-3067-7004-VB
S-7C	490+36.59	RT-15.50	H INLET	1103.15	1099.55	3.60	LP; W/ R-3067-7004-VB
S-7D	491+67.83	LT-15.50	H INLET	1105.60	1101.80	3.80	W/ R-3067-7004-V
S-7E	491+67.83	RT-15.50	H INLET	1105.78	1102.38	3.40	W/ R-3067-7004-V

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
WALDORF BLVD										
P-1	S-1	S-2	1072.50	1074.13	66	62	2.63%	24"	TYPE II	-
P-2	S-2	S-3	1074.38	1076.94	51	47	5.45%	21"	TYPE I	-
P-2A	S-2	S-2A	1074.88	1080.35	56	51	10.73%	15"	TYPE II	-
P-2B	S-2A	S-2B	1080.60	1081.24	27	25	2.56%	12"	TYPE I	-
P-50	S-50	S-51	1069.50	1069.84	38	34	1.00%	~~24"~~ 24"	TYPE II	-
P-51	S-51	S-52	1072.78	1073.00	22	20	1.10%	18"	TYPE II	-
P-52	S-51	S-53	1071.80	1072.00	41	39	0.51%	12"	TYPE II	-
GIGAWATT DRIVE										
P-3	S-3	S-4	1077.19	1080.74	127	124	2.86%	18"	TYPE II	-
P-3A	S-3	S-3A	1077.69	1079.66	31	29	6.79%	12"	TYPE I	-
P-4	S-4	S-5	1080.74	1085.08	86	83	5.23%	18"	TYPE II	-
P-4A	S-4	S-4A	1081.24	1082.43	32	29	4.10%	12"	TYPE I	-
P-5	S-5	S-6	1085.08	1093.00	210	207	3.83%	18"	TYPE II	-
P-5A	S-5	S-5A	1085.33	1086.62	33	30	4.30%	15"	TYPE I	-
P-6	S-6	S-7	1093.00	1096.21	84	81	3.96%	18"	TYPE II	-
P-6A	S-6	S-6A	1093.50	1094.14	34	34	1.88%	12"	TYPE I	-
P-7	S-7	S-7A	1096.46	1097.44	36	33	2.97%	15"	TYPE I	-
OUT OF TIME LANE										
P-5B	S-5A	S-5B	1086.62	1087.61	28	24	4.13%	15"	TYPE II	-
P-5C	S-5B	S-5C	1087.86	1089.41	27	25	6.20%	12"	TYPE I	-
P-5D	S-5B	S-5D	1087.86	1088.48	8	5	12.40%	12"	TYPE II	-
P-5E	S-5C	S-5E	1089.41	1089.68	8	5	5.40%	12"	TYPE II	-
FIRE TRACK LANE										
P-7A	S-7A	S-7B	1097.69	1098.71	29	25	4.08%	12"	TYPE II	-
P-7B	S-7B	S-7C	1098.71	1099.55	31	29	2.90%	12"	TYPE I	-
P-7C	S-7B	S-7D	1098.71	1101.80	131	128	2.41%	12"	TYPE II	-
P-7D	S-7D	S-7E	1101.80	1102.38	31	29	2.00%	12"	TYPE I	-

SPECIFIC NOTES:

(1) WITH HEAVY RIPRAP AND TYPE HR GEOTEXTILE FABRIC; PER S.D.D. 5.4.4
(2) PER S.D.D. 5.7.4
(3) CONNECT EX 21" TO SOUTH

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 ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

STORM SEWER SCHEDULE

* REV 9/17/2025 EEA

HILL VALLEY PHASE 1	SHEET NO.
PROJECT NO. 15668	U-STM2
STORM SEWER SCHEDULE 2	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
GIGAWATT DRIVE							
S-10	222+81.07	RT-97.34	24" RCP APRON END	-	1089.00	-	W/ GATE
S-11	222+37.80	RT-15.50	6X6 SAS W/ 6FT SUMP	1104.44	1095.44	9.00	W/ R-3067-7004-V & W/ R-1550; (2)
S-12	220+92.30	RT-15.50	3X3 SAS	1105.17	1100.37	4.80	W/ R-3067-7004-V
S-13	220+16.75	RT-15.50	3X3 SAS	1105.55	1100.75	4.80	W/ R-3067-7004-V
S-14	219+81.50	RT-15.50	3X3 SAS	1105.72	1100.92	4.80	W/ R-3067-7004-V
S-15	218+80.00	RT-15.50	3X3 SAS	1106.22	1101.62	4.60	W/ R-3067-7004-V
S-20	224+01.64	RT-99.80	42" RCP APRON END	-	1088.25	-	W/ GATE
S-21	224+63.50	RT-15.50	6X6 SAS W/ 6FT SUMP	1103.19	1095.19	8.00	LP; W/ R-3067-7004-VB & W/ R-1550; (2)
S-22	224+63.50	LT-15.50	5X5 SAS	1103.19	1096.19	7.00	LP; W/ R-3067-7004-VB
SPORTS ALMANAC ROAD							
S-11A	440+34.68	RT-15.50	3X3 SAS	1104.27	1099.47	4.80	LP; W/ R-3067-7004-VB
S-11B	440+85.92	RT-15.50	3X3 SAS	1105.16	1100.25	4.91	W/ R-3067-7004-V; (3)
S-11C	440+34.68	LT-15.50	H INLET	1104.27	1100.67	3.60	LP; W/ R-3067-7004-VB
S-11D	440+86.14	LT-15.50	H INLET	1105.20	1101.40	3.80	W/ R-3067-7004-V
ALLEY 1							
S-11E	10+02.50	LT-6.75	3X3 SAS	1104.26	1100.06	4.20	LP; W/ R-3362-L; PER SDD 5.7.33; (1)
S-11F	10+02.50	RT-6.75	H INLET	1104.02	1100.62	3.40	LP; W/ R-3362-L; PER SDD 5.7.33; (1)
S-11G	10+55.46	LT-6.75	H INLET	1105.41	1101.81	3.60	W/ R-3362-L; PER SDD 5.7.33; (1)
ALLEY 2							
S-12A	20+08.73	RT-6.75	3X3 SAS	1105.38	1101.18	4.20	LP; W/ R-3362-L; PER SDD 5.7.33; (1)
S-12B	20+08.73	LT-6.75	H INLET	1105.62	1101.82	3.80	LP; W/ R-3362-L; PER SDD 5.7.33; (1)
PARADOX LANE							
S-14A	340+34.50	RT-15.50	3X3 SAS	1105.53	1101.48	4.05	LP; W/ R-3067-7004-VB
S-14B	340+34.50	LT-15.50	H INLET	1105.53	1102.13	3.40	LP; W/ R-3067-7004-VB
ALLEY 3							
S-15A	30+02.50	RT-6.75	3X3 SAS	1106.78	1102.58	4.20	LP; W/ R-3362-L; PER SDD 5.7.33; (1)
S-15B	30+02.50	LT-6.75	H INLET	1107.02	1103.42	3.60	LP; W/ R-3362-L; PER SDD 5.7.33; (1)
S HIGH POINT ROAD							
S-23	1003+84.00	LT-34.70	5X5 SAS	1105.58	1098.58	7.00	W/ R-1550; (4)
S-30	1003+67.24	LT-14.48	CONCRETE COLLAR	-	1101.31	-	REMOVE EX IN 2464-061
S-31	1003+67.08	LT-26.50	H INLET	1104.98	1101.49	3.49	W/ R-3067-7004-V
S-40	1000+98.63	LT-14.34	3x3 ~~CONCRETE COLLAR~~	-	1094.68	-	REMOVE EX IN 2464-059
S-41	1000+98.45	LT-27.70	H INLET	1098.42	1094.74	3.68	W/ R-3067-7004-V

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
	GIGAWATT DRIVE										
	P-10	S-10	S-11	1089.00	1095.44	93	89	7.24%	24"	TYPE II	-
	P-11	S-11	S-12	1095.94	1100.37	144	140	3.16%	18"	TYPE II	-
	P-12	S-12	S-13	1100.37	1100.75	72	69	0.55%	18"	TYPE II	-
	P-13	S-13	S-14	1100.75	1100.92	34	31	0.55%	18"	TYPE II	-
	P-14	S-14	S-15	1100.92	1101.62	101	98	0.71%	18"	TYPE II	-
	P-20	S-20	S-21	1088.25	1095.19	105	102	6.80%	42"	TYPE I	-
	P-21	S-21	S-22	1095.19	1096.19	31	26	3.85%	42"	TYPE I	-
	SPORTS ALMANAC ROAD										
	P-11A	S-11	S-11A	1095.94	1099.47	58	53	6.66%	18"	TYPE I	-
	P-11B	S-11A	S-11B	1099.47	1100.25	51	48	1.62%	18"	TYPE II	-
	P-11C	S-11A	S-11C	1099.97	1100.67	31	29	2.41%	12"	TYPE I	-
*	P-11D	S-11B	S-11D	**1100.75**	1101.40	31	29	**2.24%**	12"	TYPE I	-
	ALLEY 1										
	P-11E	S-11	S-11E	1096.19	1100.06	102	98	3.95%	15"	TYPE I	-
	P-11F	S-11E	S-11F	1100.31	1100.62	13	12	2.58%	12"	TYPE I	-
	P-11G	S-11E	S-11G	1100.31	1101.81	53	50	3.00%	12"	TYPE II	-
	ALLEY 2										
	P-12A	S-12	S-12A	1100.62	1101.18	55	52	1.08%	15"	TYPE I	-
	P-12B	S-12A	S-12B	1101.43	1101.82	14	12	3.25%	12"	TYPE I	-
	PARADOX LANE										
	P-14A	S-14	S-14A	1101.17	1101.48	55	52	0.60%	15"	TYPE I	-
	P-14B	S-14A	S-14B	1101.73	1102.13	31	29	1.38%	12"	TYPE I	-
	ALLEY 3										
	P-15	S-15	S-15A	1101.87	1102.58	86	83	0.86%	15"	TYPE I	-
	P-15A	S-15A	S-15B	1102.83	1103.42	14	12	4.92%	12"	TYPE I	-
	S HIGH POINT ROAD										
	P-22	S-22	S-23	1096.19	1098.58	67	62	3.85%	42"	TYPE I	-
	P-30	S-30	S-31	1101.31	1101.49	12	11	1.67%	12"	TYPE I	-
	P-40	S-40	S-41	1094.68	1094.74	13	12	0.50%	12"	TYPE I	-

SPECIFIC NOTES:

(1) STA / OFF TO CENTER OF STRUCTURE; TC IS EDGE OF PAVEMENT
(2) PER S.D.D. 5.7.4
(3) BOX OUT TO NORTH FOR FUTURE 18" PIPE
(4) BOX OUT TO NORTH FOR FUTURE 36" PIPE

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 ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.
-FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

SHEET W-4

SHEET W-5

SHEET W-4

O.L. 5

O.L. 4

WALDORF BLVD

GIGAWATT DRIVE

OUT OF TIME LANE

MATCH LINE STA. 215+00

WN 9
1-IN

STA. 210+12.0, 8.0 LT
8-IN VALVE & BOX

STA. 532+40.7, 8.0 LT
8X8-IN TEE

INSULATION (TYP.)

INSULATE WATER SERVICES AT STORM CROSSINGS (TYP.)
MAINTAIN VERTICAL SEPARATION AS REQUIRED

STA. 213+30.0, 12.1 LT
6-IN VALVE & BOX

STA. 213+02.2, 8.0 LT
8X8-IN TEE

STA. 213+29.9, 21.2 LT
5-IN HYDRANT

STA. 213+30.0, 8.1 LT
8X6-IN TEE

8"W

532+00

533+00

209+86

210+00

211+00

212+00

213+00

214+00

215

325+84

380+00

10

11

12

13

19

20

21

22

23

24

25

26

PROPOSED CL PROFILE

EXISTING GROUND

8X8-IN TEE
532+40.7, 1076.9

8-IN VALVE & BOX
210+12.0, 1076.9

8X8-IN TEE
213+02.2, 1086.6

8X6-IN TEE
213+30.0, 1087.6

1100
1095
1090
1085
1080
1075
1070
1065
1060

T.O.P.
T.O.P. 1076.76
T.O.P. 1076.75
T.O.P. 1076.95
T.O.P. 1077.44
T.O.P. 1078.15
T.O.P. 1079.23
T.O.P. 1080.38
T.O.P. 1081.58
T.O.P. 1082.82
T.O.P. 1084.07
T.O.P. 1085.30
T.O.P. 1086.43
T.O.P. 1087.43
T.O.P. 1088.29
T.O.P. 1089.13
T.O.P. 1089.96
T.O.P. 1090.80
T.O.P. 1091.63
T.O.P. 1092.47
T.O.P. 1093.29

210+00
211+00
212+00
213+00
214+00
215+00

GENERAL REQUIREMENTS - WATER MAIN PROFILES:

- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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

Designed By: FBEG | Date: 8/25/2025 7:53 AM | Scale: ########

W-1

15668

MADISON, WI

9643

CONTRACT NO:

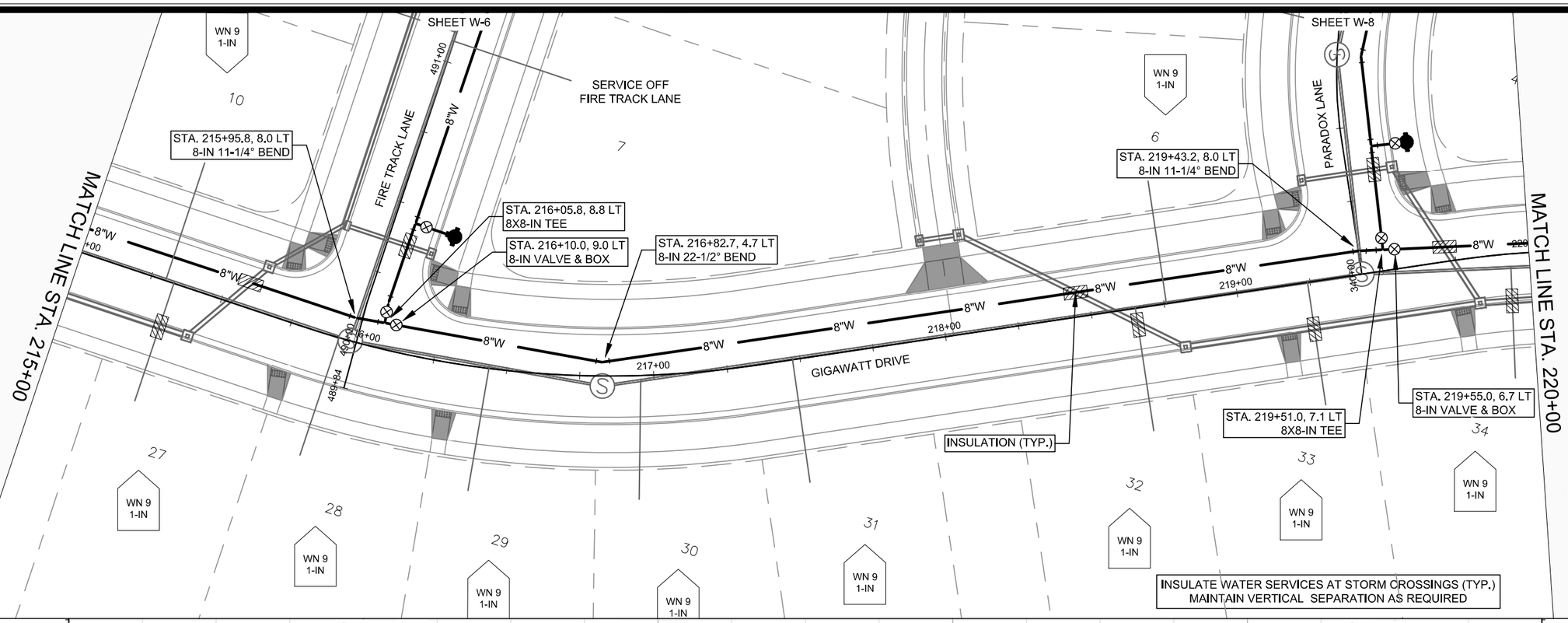
WATER PLAN & PROFILE - GIGAWATT DRIVE

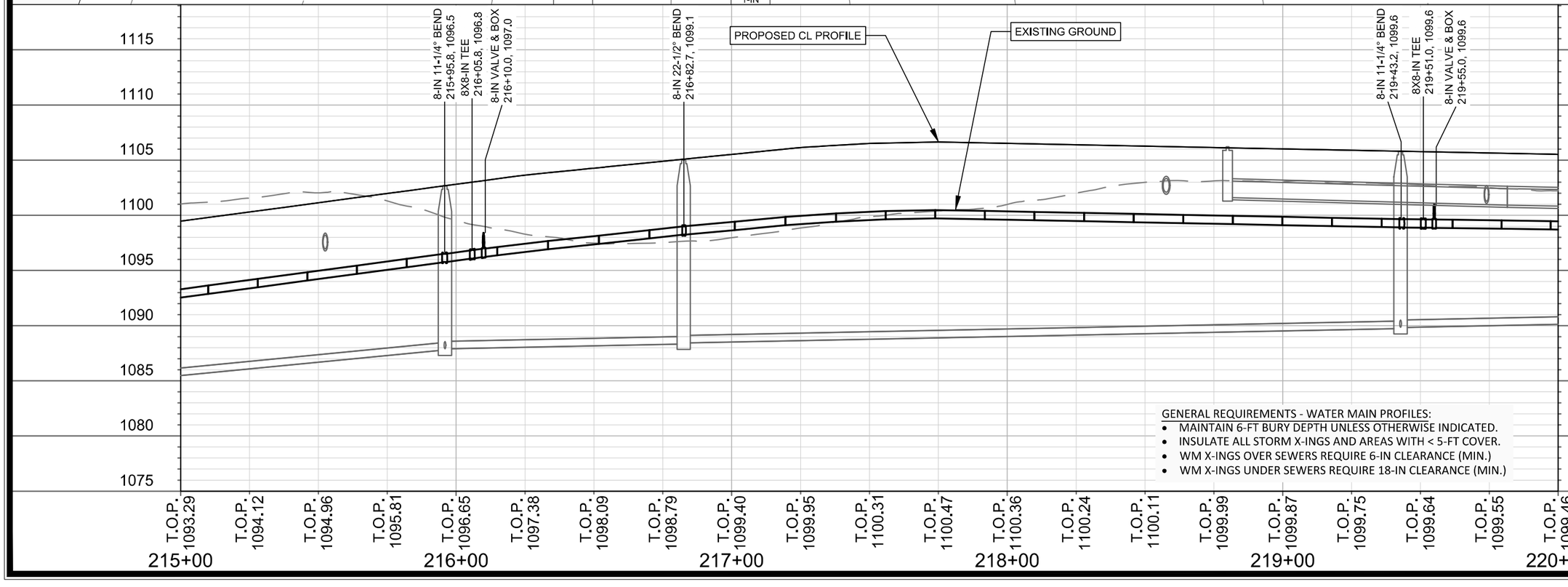
HILL VALLEY - PHASE 1

M:\DESIGN\Projects\15668\CAD\Water\115668WU-Water.dwg

15668

W-1





GENERAL REQUIREMENTS - WATER MAIN PROFILES:

- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/25/2025 7:53 AM	Scale: ########	W-2

15668

MADISON, WI 9643

CONTRACT NO: 15668

WATER PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

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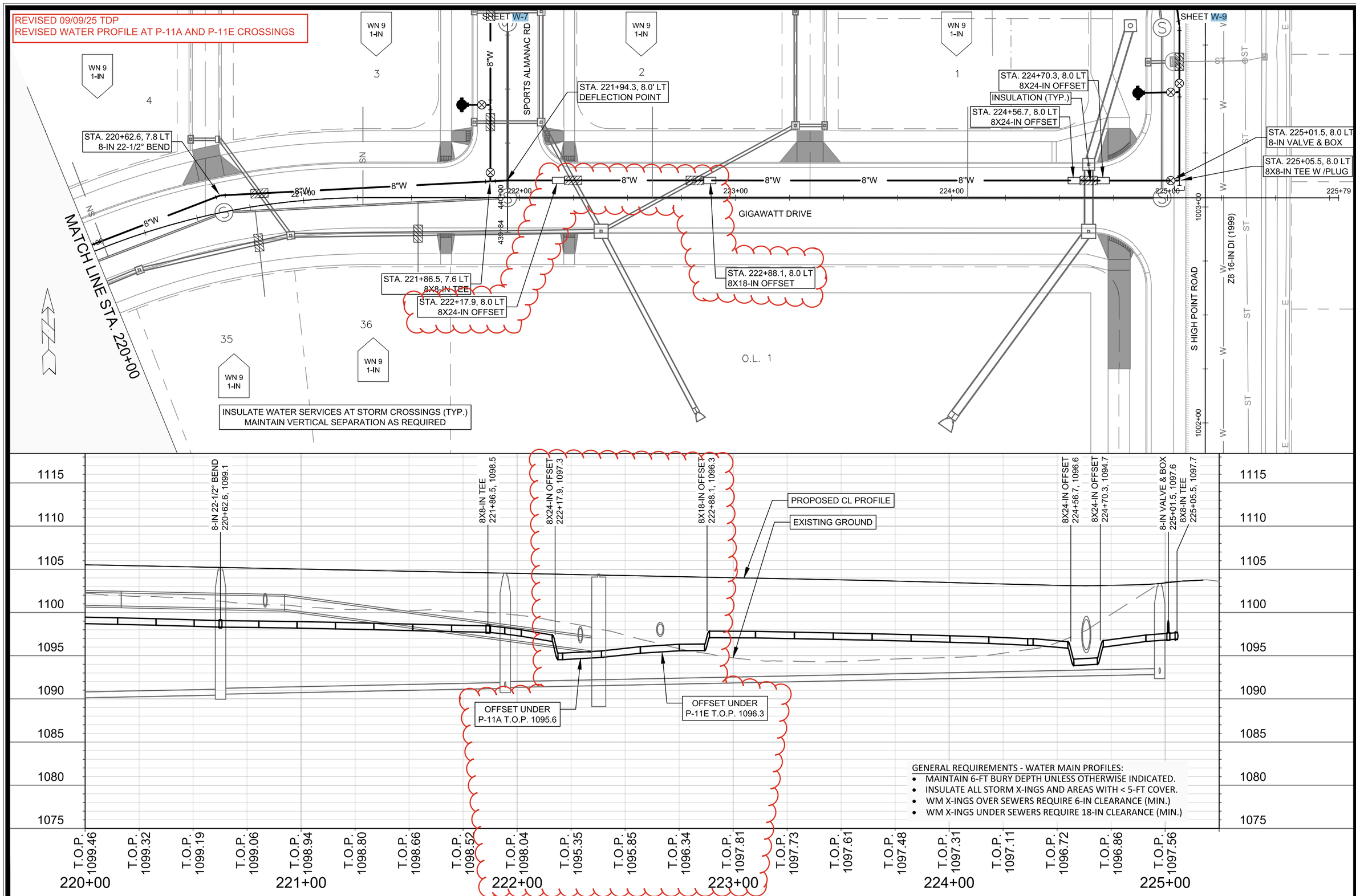
15668

W-2

REVISED 09/09/25 TDP
REVISED WATER PROFILE AT P-11A AND P-11E CROSSINGS



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- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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15668

MADISON, WI 9643

CONTRACT NO:

WATER PLAN & PROFILE - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

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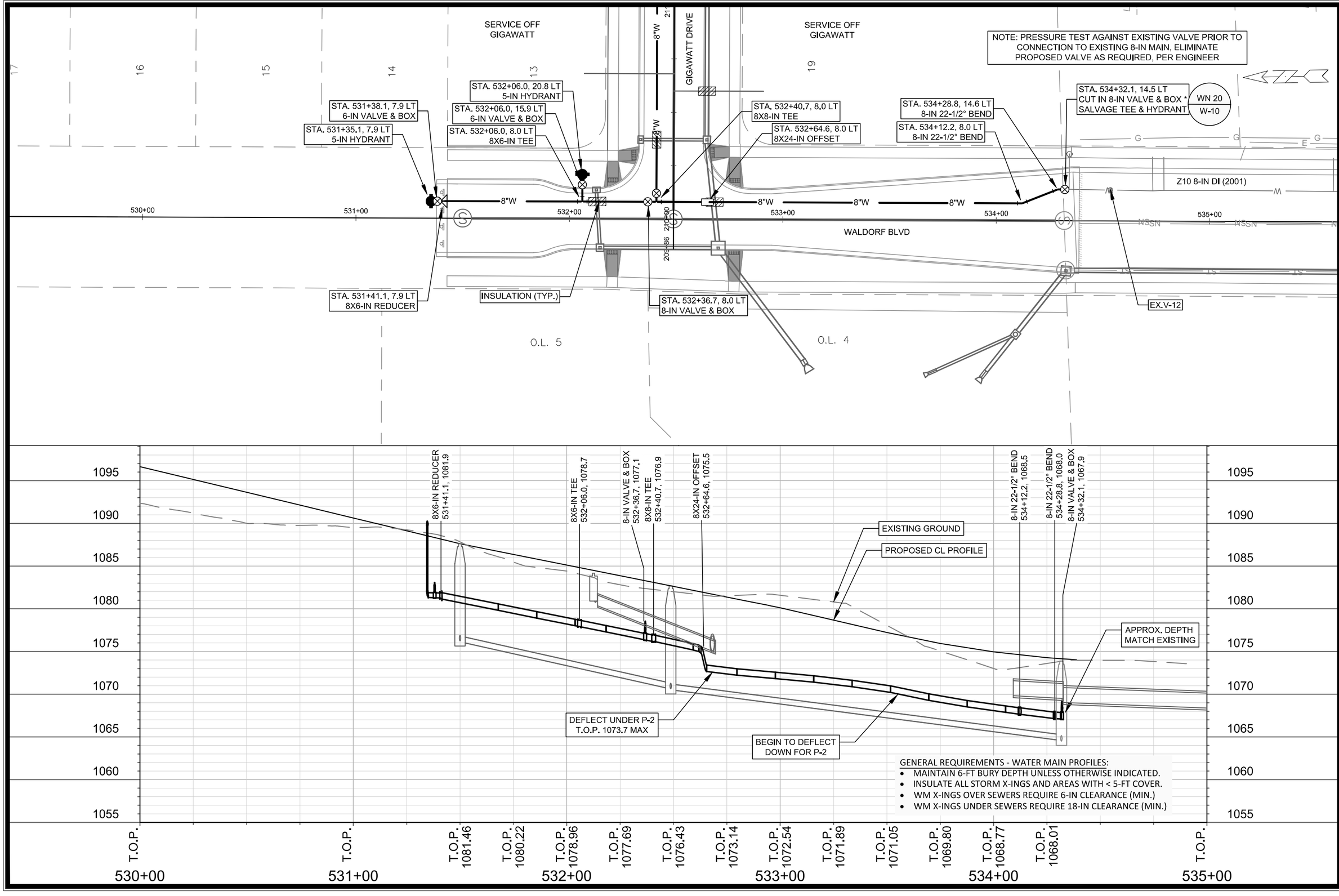
15668

W-3



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15668

MADISON, WI

CONTRACT NO: 9643

WATER PLAN & PROFILE - WALDORF BLVD

HILL VALLEY - PHASE 1

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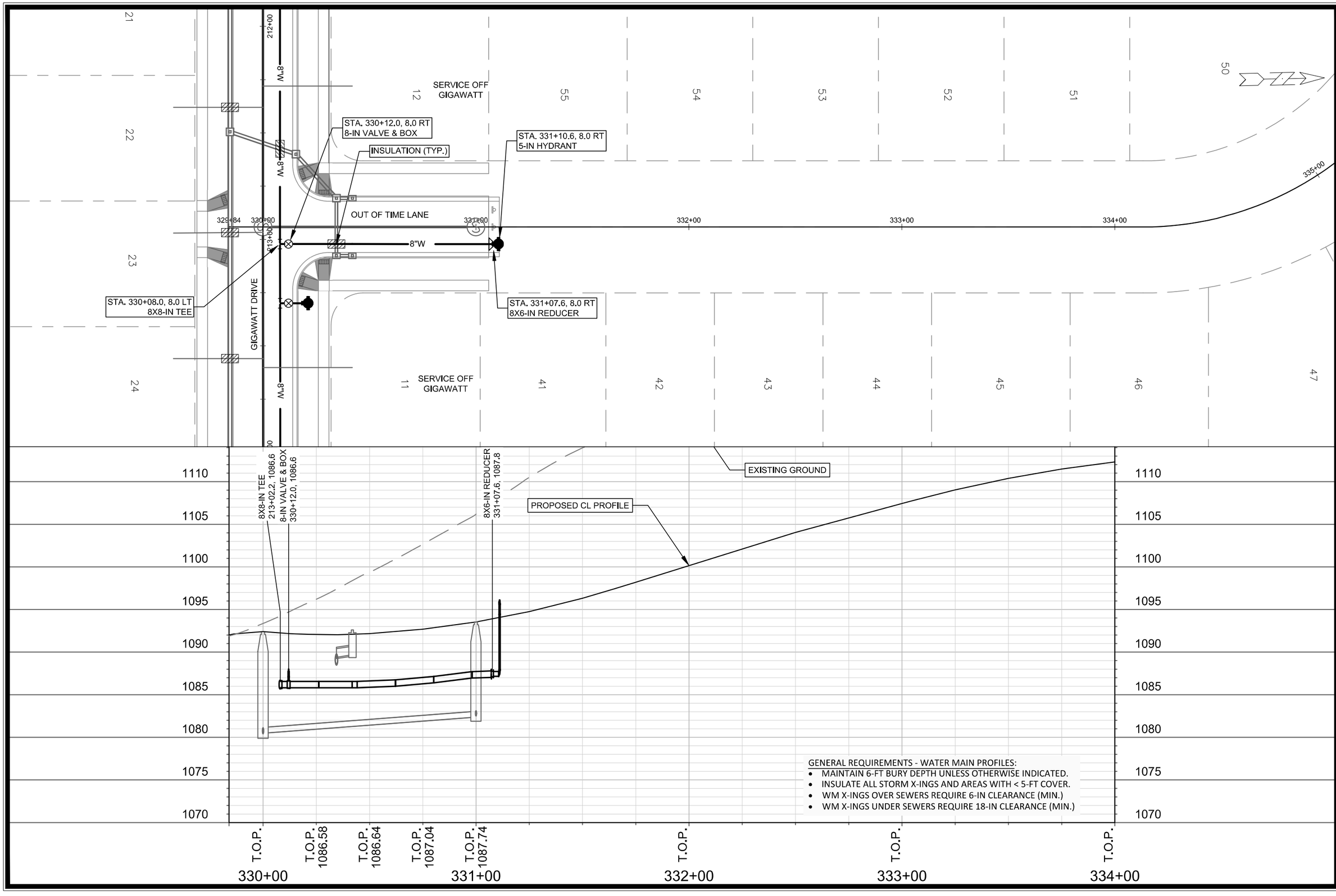
CITY OF MADISON WISCONSIN

15668

W-4



GENERAL REQUIREMENTS - WATER MAIN PROFILES:

- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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15668

MADISON, WI

9643

CONTRACT NO:

WATER PLAN & PROFILE - OUT OF TIME LANE

HILL VALLEY - PHASE 1

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CITY OF MADISON WISCONSIN

15668

W-5

STA. 490+12.6, 7.3 RT
8-IN VALVE & BOX

STA. 490+16.2, 6.9 RT
8-IN 11-1/4° BEND

INSULATION (TYP.)

SHEET W-1

INSULATE WATER SERVICES AT STORM CROSSINGS (TYP.)
MAINTAIN VERTICAL SEPARATION AS REQUIRED

STA. 491+74.2, 8.0 RT
6-IN VALVE & BOX

STA. 491+77.2, 8.0 RT
5-IN HYDRANT

FIRE TRACK LANE

STA. 490+08.9, 7.6 LT
8X8-IN TEE

STA. 490+44.6, 7.1 RT
8X6-IN TEE

STA. 490+44.6, 11.1 RT
6-IN VALVE & BOX

STA. 490+44.5, 21.3 RT
5-IN HYDRANT

STA. 491+71.2, 8.0 RT
8X6-IN REDUCER

GIGAWATT DRIVE

8X8-IN TEE
216+05.8, 1096.8

8-IN VALVE & BOX
490+12.6, 1096.8

8-IN 11-1/4° BEND
490+16.2, 1096.8

8X6-IN TEE
490+44.6, 1096.8

8X6-IN REDUCER
491+71.2, 1099.2

EXISTING GROUND

PROPOSED CL PROFILE

GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

T.O.P. 490+00
T.O.P. 1096.84
T.O.P. 1096.84
T.O.P. 1096.84
T.O.P. 1097.04
T.O.P. 1097.66
T.O.P. 1098.54
T.O.P. 1099.15
T.O.P. 491+00
T.O.P. 492+00
T.O.P. 493+00
T.O.P. 494+00
T.O.P. 495+00

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Designed By: FBEG	Date: 8/25/2025 7:54 AM	Scale: ########	W-6

15668

MADISON, WI

9643

CONTRACT NO:

WATER PLAN & PROFILE - FIRE TRACK LANE

HILL VALLEY - PHASE 1

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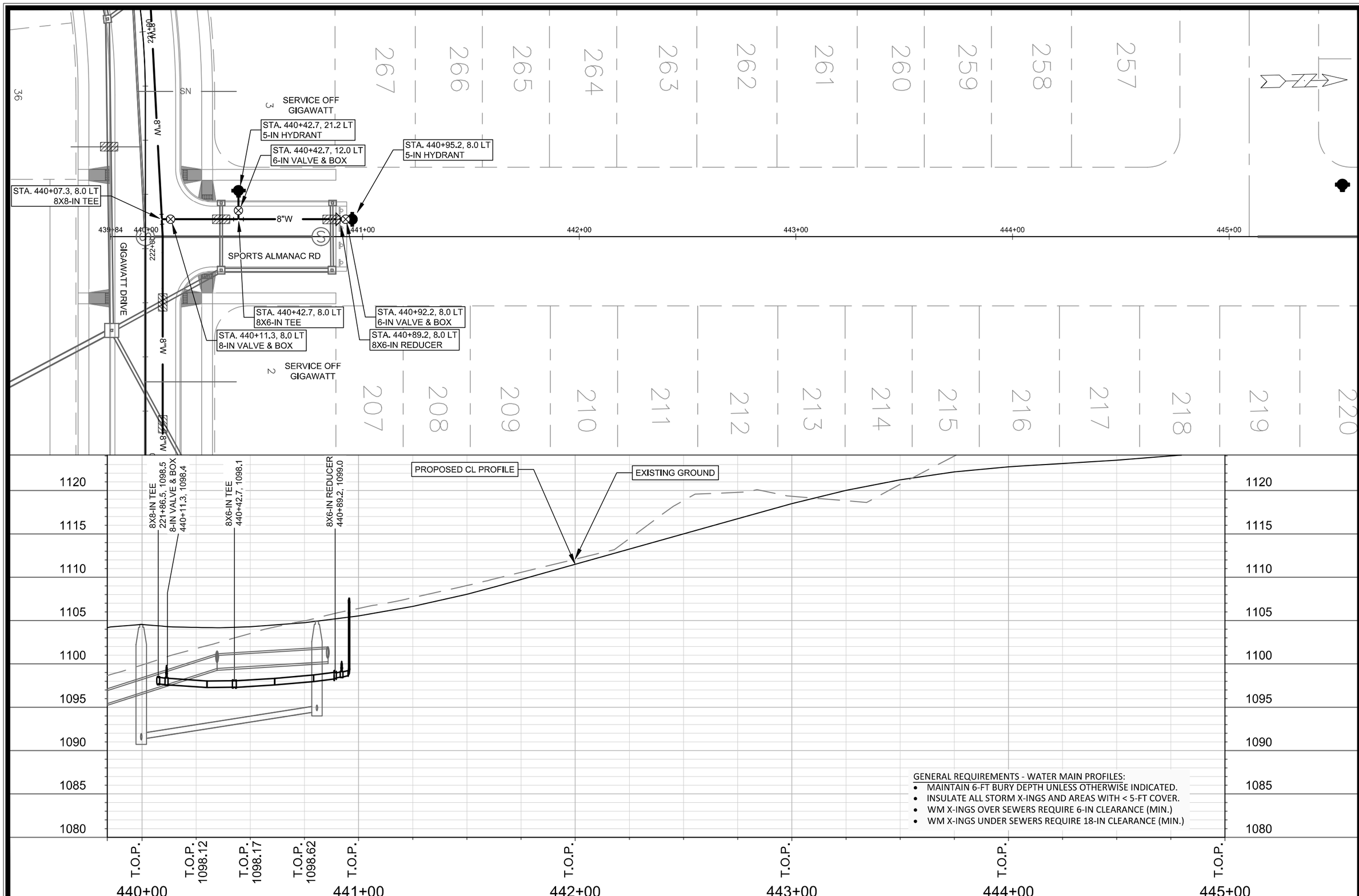
15668

W-6



GENERAL REQUIREMENTS - WATER MAIN PROFILES:

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- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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15668

MADISON, WI 9643

CONTRACT NO:

WATER PLAN & PROFILE - SPORTS ALMANAC ROAD

HILL VALLEY - PHASE 1

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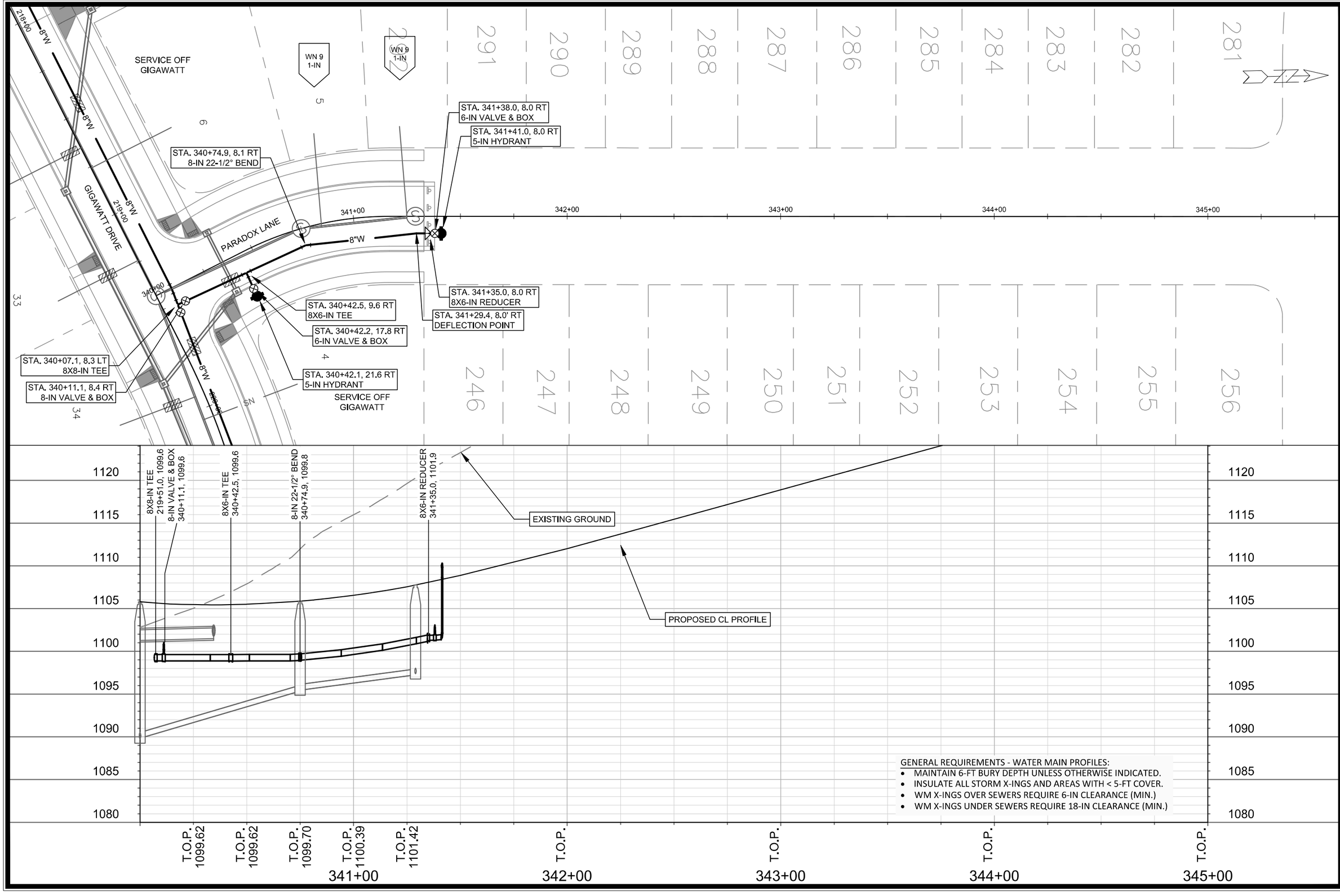
15668

W-7



GENERAL REQUIREMENTS - WATER MAIN PROFILES:

- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/25/2025 7:55 AM	Scale: ########	W-8

15668

MADISON, WI

CONTRACT NO: 9643

WATER PLAN & PROFILE - PARADOX LANE

HILL VALLEY - PHASE 1

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15668

W-8

O.L. 1

GIGAWATT DRIVE

S HIGH POINT ROAD

8"W

STA. 1003+52.8, 31.2 LT
5-IN HYDRANT

STA. 1003+53.1, 16.0 LT
6-IN VALVE & BOX

STA. 1003+53.2, 12.0 LT
8X6-IN TEE

STA. 1003+57.2, 12.0 LT
8-IN VALVE & BOX (CLOSED)

NOTE: FLUSH AND TEST 8-IN, CLOSE VALVE, REMOVE BLOW OFF, AND CAP

STA. 1004+93.6, 20.0 LT
8-IN MJ CAP W/ 2-IN BLOW OFF

STA. 1003+12.2, 12.0' LT
8X8-IN TEE W/ PLUG

STA. 1003+83.9, 12.0 LT
8-IN 11-1/4° BEND

STA. 1004+45.7, 20.0 LT
8-IN 11-1/4° BEND

Z8 16-IN DI (1999)

225+79

1000+00 1001+00 1002+00 1003+00 1004+00 1005+00

LOT 1 LOT 2 LOT 3 LOT 4 LOT 5

EXISTING GROUND

8X8-IN TEE
225+05.5, 1097.7

8X6-IN TEE
1003+53.2, 1098.5

8-IN VALVE & BOX
1003+57.2, 1098.6

8-IN 11-1/4° BEND
1003+83.9, 1099.1

8-IN 11-1/4° BEND
1004+45.7, 1099.8

8-IN MJ CAP
1004+93.6, 1100.6

1120 1115 1110 1105 1100 1095 1090 1085 1080

T.O.P. 1097.91 T.O.P. 1098.42 T.O.P. 1098.93 T.O.P. 1099.41 T.O.P. 1099.77 T.O.P. 1100.09 T.O.P. 1100.41

GENERAL REQUIREMENTS - WATER MAIN PROFILES:

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- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
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- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

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15668

MADISON, WI

CONTRACT NO: 9643

WATER PLAN & PROFILE - S HIGH POINT ROAD

HILL VALLEY - PHASE 1

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15668

W-9

1"=250'

WN20 W-# CONNECT TO EX 8-IN
ISOLATION VALVES: V-12 (8-IN 2001)
NOTIFY: NONE REQUIRED

Madison Water Utility

S HIGH POINT RD
GIGAWATT DRIVE
WALDORF BLVD.
OUT OF TIME LANE
FIRE TRACK LANE
PARADOX LANE
SPORTS ALMANAC ROAD
DEWBERRY DR
PUBLIC ALLEY
WN 20
W-4
8"W
1061
1050
1115
1310
1321
1309
1329
8002
8140

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 8/25/2025 7:55 AM | Scale: ######## | W-10

15668

MADISON, WI

CONTRACT NO: 9643

WATER IMPACT PLAN

HILL VALLEY - PHASE 1

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15668

W-10

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT STORM CROSSINGS AND OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.

WN-1	REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
WN-2	EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
WN-3	EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
WN-4	DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
WN-5	RELOCATE THE EXISTING FIRE HYDRANT.
WN-6	ABANDON WATER VALVE ACCESS STRUCTURE.
WN-7	FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
WN-8	ABANDON THE VALVE BOX.
WN-9	FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
WN-10	REMOVE AND SALVAGE EXISTING HYDRANT
WN-11	REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
WN-20+	SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

WATER UTILITY ULO SCHEDULE

ULO	UTILITY	STATION	OFFSET	SHEET

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:			
PAY ITEM ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	120	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	2420	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	10	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	11	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	11	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	33	EACH
70101	FURNISH AND INSTALL STYROFOAM	20	EACH
71002	8-IN MJ CAP	1	EACH
71014	8-IN MJ PLUG	1	EACH
71135	8-IN 22-1/2° BEND	5	EACH
71147	8-IN 11-1/4° BEND	5	EACH
71159	8X6-IN REDUCER	5	EACH
71210	8X6-IN TEE	6	EACH
71211	8X8-IN TEE	6	EACH
71342	8X24-IN OFFSET	3	EACH
*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:			
	N/A		
*ESTIMATE OF MATERIALS SALVAGED:			
	8-IN MJ PLUG	1	EACH
	8X6-IN TEE	1	EACH
	HYDRANT	1	EACH

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

TO OBTAIN LOCATION OF
PARTICIPANTS' UNDERGROUND
FACILITIES BEFORE YOU
DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

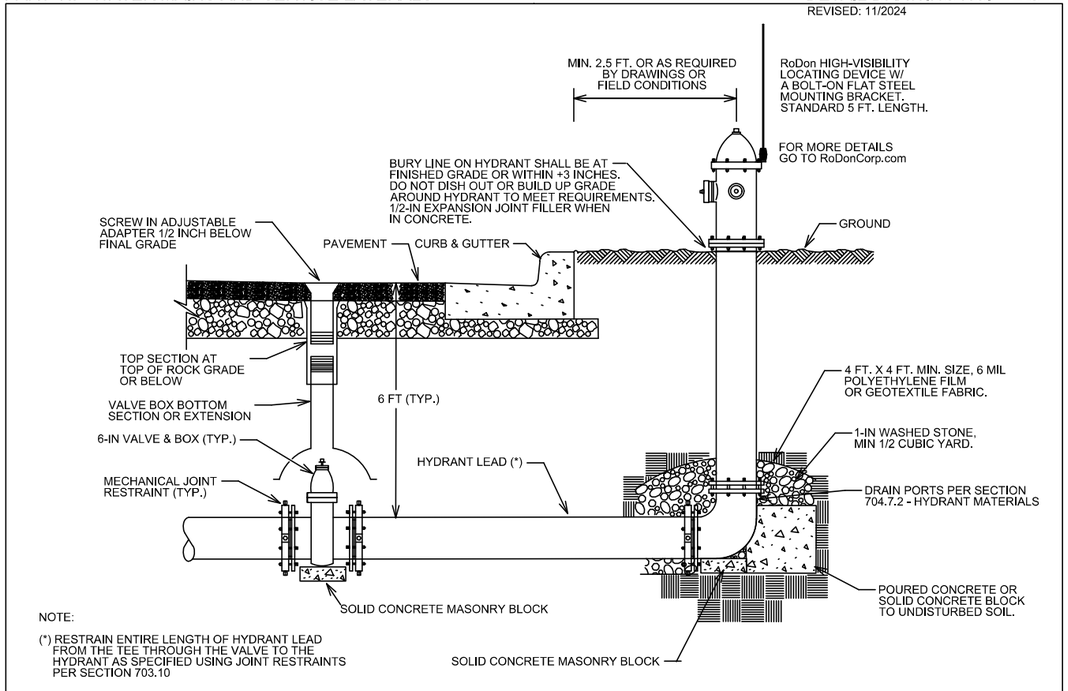
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

MEMBER ONE CALL SYSTEMS INTERNATIONAL

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. **7.04**

REVISED: 11/2024



NOTE:

(*) RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING JOINT RESTRAINTS PER SECTION 703.10

CITY OF MADISON WATER UTILITY	NOT TO SCALE	TYPICAL HYDRANT INSTALLATION

City of Madison Standard Specifications for Public Works Construction

MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 8/25/2025 7:55 AM | Scale: ######## | W-11

15668

ESTIMATE OF WATER MATERIALS

HILL VALLEY - PHASE 1

MADISON, WI

9643

CONTRACT NO:

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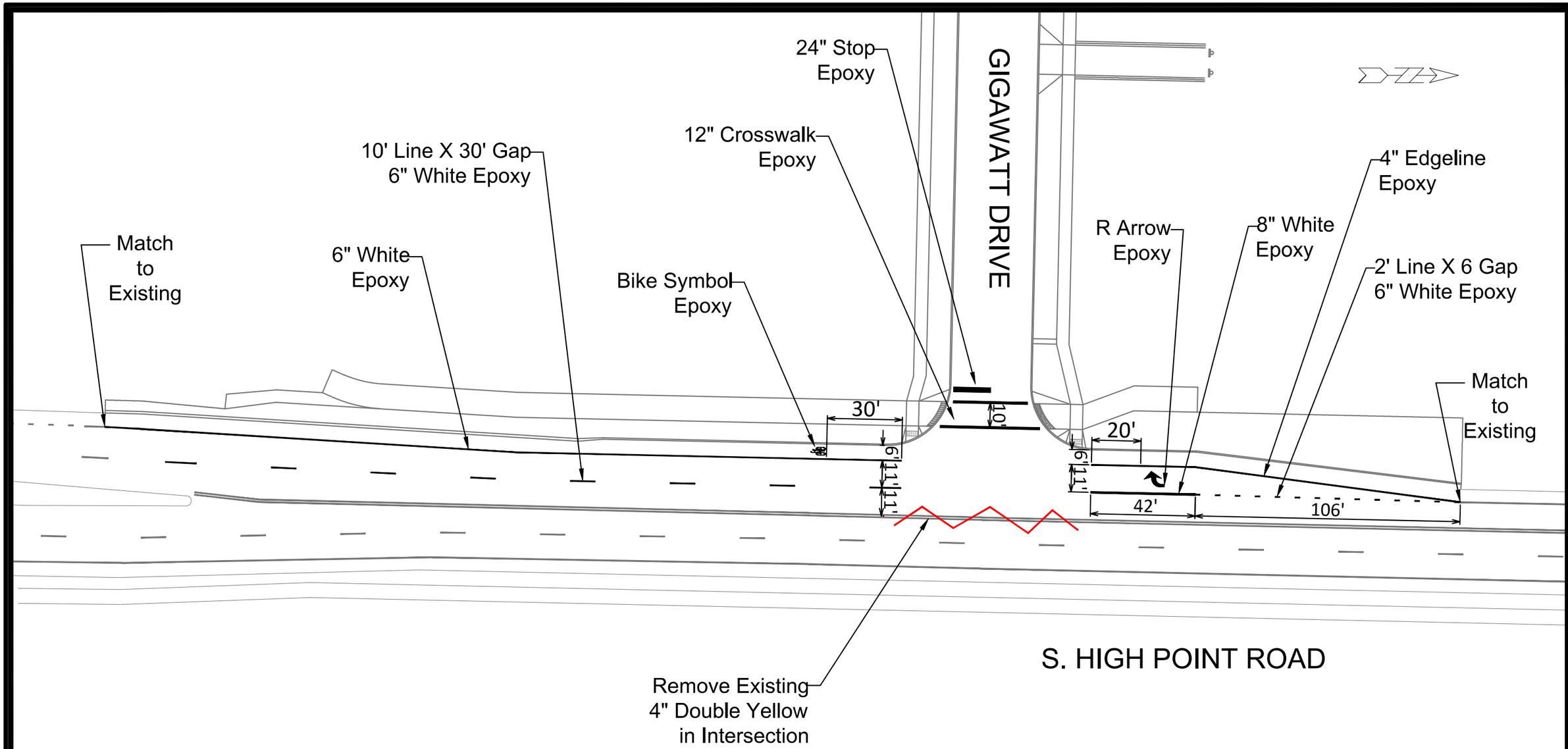
15668

W-11



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Date: 7/29/2025 1:26 PM
Scale: 1:40
PM-1
15668

15668
MADISON, WI
9643
CONTRACT NO:

PAVEMENT MARKING PLAN
HILL VALLEY - PHASE 1
M:\DESIGN\Projects\15668\CAD\Traffic\15668TE-PavementMarking.dwg

15668
PM-1

REVISION 1 - GCIT
REPRINTED TO SHOW ACCESS PATH ON O.L. 1 & PLANTING SITES IN FRONT OF O.L. 4 & O.L. 5

O.L. 5
DEDICATED TO PUBLIC FOR PARK

O.L. 4
DEDICATED TO PUBLIC FOR STORMWATER MANAGEMENT

WALDORF BLVD

OUT OF TIME LN

GIGAWATT DR

GIGAWATT DRIVE

FIRE TRACK LN

PUBLIC ALLEY 3

PARADOX LANE

MATCH LINE 215+00.00

MATCH LINE 220+00.00

LOT 10
LOT 11
LOT 12
LOT 13
LOT 6
LOT 7
LOT 19
LOT 20
LOT 21
LOT 22
LOT 23
LOT 24
LOT 25
LOT 26
LOT 27
LOT 28
LOT 29
LOT 30
LOT 31
LOT 32
LOT 33
O.L. 1

STA 210+63.00, 21.25' LT
FUTURE TREE CENTER

STA 211+03.00, 21.25' LT
FUTURE TREE CENTER

STA 211+43.00, 21.25' LT
FUTURE TREE CENTER

STA 211+83.00, 21.25' LT
FUTURE TREE CENTER

STA 212+23.00, 21.25' LT
FUTURE TREE CENTER

STA 213+86.25, 21.25' LT
FUTURE TREE CENTER

STA 214+26.25, 21.25' LT
FUTURE TREE CENTER

STA 214+66.25, 21.25' LT
FUTURE TREE CENTER

STA 210+49.00, 21.25' RT
FUTURE TREE CENTER

STA 211+09.73, 21.25' RT
FUTURE TREE CENTER

STA 211+68.76, 21.25' RT
FUTURE TREE CENTER

STA 212+48.00, 21.25' RT
FUTURE TREE CENTER

STA 213+45.76, 21.25' RT
FUTURE TREE CENTER

STA 214+04.51, 21.25' RT
FUTURE TREE CENTER

STA 214+82.51, 21.25' RT
FUTURE TREE CENTER

STA 215+06.25, 21.25' LT
FUTURE TREE CENTER

STA 215+46.25, 21.25' LT
FUTURE TREE CENTER

STA 216+71.60, 21.25' LT
FUTURE TREE CENTER

STA 217+20.60, 21.25' LT
FUTURE TREE CENTER

STA 217+66.74, 21.25' LT
FUTURE TREE CENTER

STA 218+51.71, 21.30' LT
FUTURE TREE CENTER

STA 218+91.71, 21.25' LT
FUTURE TREE CENTER

STA 215+39.00, 21.25' RT
FUTURE TREE CENTER

STA 215+98.30, 21.25' RT
FUTURE TREE CENTER

STA 216+49.84, 21.25' RT
FUTURE TREE CENTER

STA 217+55.71, 21.25' RT
FUTURE TREE CENTER

STA 218+73.38, 21.25' RT
FUTURE TREE CENTER

LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- PRELIMINARY POLE LOCATION - TO BE CONFIRMED IN THE FIELD
- TERRACE EXCAVATION SITE PER S.D.D. 2.18

MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 9/16/2025 8:17 AM | Scale: 1" = 40' | L-1

15668

LANDSCAPING PLAN - GIGAWATT DRIVE

HILL VALLEY - PHASE 1

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MADISON, WI 9643

CONTRACT NO: 15668

L-1

LOT 248
LOT 247
LOT 246
LOT 265
LOT 266
LOT 267
LOT 3
LOT 4
LOT 210
LOT 209
LOT 208
LOT 207
LOT 2
LOT 242
LOT 243
LOT 244
LOT 245
LOT 1
LOT 35
LOT 36

SPORTS ALMANAC ROAD
PUBLIC ALLEY 2
PUBLIC ALLEY 1
GIGAWATT DRIVE
S HIGH POINT ROAD

MATCH LINE 220+00.00

STA 220+37.73, 21.39' LT
FUTURE TREE CENTER

STA 221+43.50, 21.25' LT
FUTURE TREE CENTER

STA 221+03.47, 21.25' LT
FUTURE TREE CENTER

STA 222+74.50, 21.25' LT
FUTURE TREE CENTER

STA 224+34.10, 21.25' LT
FUTURE TREE CENTER

STA 223+95.10, 21.25' LT
FUTURE TREE CENTER

STA 223+56.10, 21.25' LT
FUTURE TREE CENTER

STA 220+97.84, 21.19' RT
FUTURE TREE CENTER

STA 220+57.55, 21.25' RT
FUTURE TREE CENTER

STA 220+10.44, 21.25' RT
FUTURE TREE CENTER

STA 221+41.05, 21.25' RT
FUTURE TREE CENTER

STA 221+95.00, 21.25' RT
FUTURE TREE CENTER

STA 222+60.50, 21.25' RT
FUTURE TREE CENTER

STA 223+05.50, 21.25' RT
FUTURE TREE CENTER

STA 223+50.50, 21.25' RT
FUTURE TREE CENTER

STA 223+95.50, 21.25' RT
FUTURE TREE CENTER

STA 224+40.50, 21.25' RT
FUTURE TREE CENTER

O.L. 1
DEDICATED TO PUBLIC
FOR STORMWATER
MANAGEMENT

LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- PRELIMINARY POLE LOCATION - TO BE CONFIRMED IN THE FIELD
- TERRACE EXCAVATION SITE PER S.D.D. 2.18

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/25/2025 10:16 AM	Scale: 1" = 40'	
15668			L-2

15668
MADISON, WI
CONTRACT NO: 9643

LANDSCAPING PLAN - GIGAWATT DRIVE
HILL VALLEY - PHASE 1
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15668
L-2

REVISION 1 - GCIT
PLANTING SITES ADDED
ALONG THE FRONTAGE
OF O.L.4 & O.L.5

LOT 16 | LOT 15 | LOT 14 | LOT 13 | LOT 19

1309 WALDORF BLVD

1313 WALDORF BLVD

GIGAWATT DR

211+00

8"W

SN

STA 531+92.02, 21.75' LT
FUTURE TREE CENTER

STA 533+14.22, 22.47' LT
FUTURE TREE CENTER

STA 533+54.22, 23.94' LT
FUTURE TREE CENTER

STA 533+94.22, 25.40' LT
FUTURE TREE CENTER

530+00 | 531+00 | 532+00 | 533+00 | 534+00 | 535+00

NS | NS | NS | NS | NS | NS

WALDORF BLVD

212+00

IS

ST

STA 531+47.15, 22.75' RT
FUTURE TREE CENTER

STA 531+97.16, 21.01' RT
FUTURE TREE CENTER

STA 532+42.16, 21.15' RT
FUTURE TREE CENTER

STA 532+97.16, 21.84' RT
FUTURE TREE CENTER

STA 533+37.16, 23.29' RT
FUTURE TREE CENTER

STA 533+77.16, 24.74' RT
FUTURE TREE CENTER

STA 534+17.16, 26.20' RT
FUTURE TREE CENTER

O.L. 3

O.L. 5
DEDICATED TO PUBLIC
FOR PARK

O.L. 4
DEDICATED TO PUBLIC FOR
STORMWATER MANAGEMENT

1310 WALDORF BLVD

LOT 12 | LOT 53 | LOT 54

LOT 22 | LOT 53 | LOT 52 | LOT 51 | LOT 50

STA 330+66.00, 19.75' LT
FUTURE TREE CENTER

329+84 | 330+00 | 331+00 | 332+00 | 333+00 | 334+00 | 335+00

213+00

SN | SNI

8"W

OUT OF TIME LN

LOT 23

GIGAWATT DR

LOT 24

STA 330+54.00, 19.75' RT
FUTURE TREE CENTER

214+00

LOT 11 | LOT 41 | LOT 42 | LOT 41 | LOT 44 | LOT 45 | LOT 46

LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- PRELIMINARY POLE LOCATION - TO BE CONFIRMED IN THE FIELD
- TERRACE EXCAVATION SITE PER S.D.D. 2.18

MARK	REVISION	DATE	BY
REV1	PLANTING SITE IN FRONT OF OL 4 & 5	---	GIT

Designed By: FBEG | Date: 9/16/2025 8:16 AM | Scale: 1" = 40'

15668

LANDSCAPING PLAN - WALDORD BLVD & OUT OF TIME LN

HILL VALLEY - PHASE 1

MADISON, WI

CONTRACT NO: 9643

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15668

L-3

LOT 10 LOT 9 LOT 305 LOT 304 LOT 303 LOT 302 LOT 301 LOT 300

LOT 27

LOT 28

LOT 29

LOT 8 LOT 268 LOT 269 LOT 270 LOT 271 LOT 272 LOT 273 LOT 274 LOT 275 LOT 276 LOT 277

LOT 7

LOT 6 LOT 5 LOT 292 LOT 291 LOT 290 LOT 289 LOT 288 LOT 287 LOT 286 LOT 285 LOT 284 LOT 283 LOT 282

LOT 34 LOT 4 LOT 246 LOT 247 LOT 248 LOT 249 LOT 250 LOT 251 LOT 252 LOT 253 LOT 254 LOT 255

GIGAWATT DR

FIRE TRACK LN

PARADOX LANE

STA 491+00.45, 21.25' LT
FUTURE TREE CENTER

STA 491+58.45, 21.25' LT
FUTURE TREE CENTER

STA 491+37.82, 21.25' RT
FUTURE TREE CENTER

STA 490+97.82, 21.25' RT
FUTURE TREE CENTER

STA 490+57.82, 21.25' RT
FUTURE TREE CENTER

STA 340+61.38, 21.25' LT
FUTURE TREE CENTER

STA 341+10.00, 21.25' RT
FUTURE TREE CENTER

STA 340+64.36, 21.25' RT
FUTURE TREE CENTER

491+00 492+00 493+00 494+00 495+00

341+00 342+00 343+00 344+00 345+00

LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- PRELIMINARY POLE LOCATION - TO BE CONFIRMED IN THE FIELD
- TERRACE EXCAVATION SITE PER S.D.D. 2.18

MARK	REVISION	DATE	BY
Designed By: FBEG	Date: 8/25/2025 10:16 AM	Scale: 1" = 40'	L4

15668

LANDSCAPING PLAN - FIRE TRACK LN & PARADOX LN

HILL VALLEY - PHASE 1

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MADISON, WI

CONTRACT NO: 9643

15668

L-4

LOT 36

LOT 3 | LOT 267 | LOT 266 | LOT 265 | LOT 264 | LOT 263 | LOT 262 | LOT 261 | LOT 260 | LOT 259 | LOT 258 | LOT 257

GIGAWATT DR

NS 221+80

8"W

SN

ST

STA 440+65.68, 21.25' LT
FUTURE TREE CENTER

SPORTS ALMANAC ROAD

439+84 | 440+00 | 441+00 | 442+00 | 443+00 | 444+00

222+00

O.L. 1
DEDICATED TO PUBLIC
FOR STORMWATER
MANAGEMENT

STA 440+58.68, 21.25' RT
FUTURE TREE CENTER

LOT 2 | LOT 207 | LOT 208 | LOT 209 | LOT 210 | LOT 211 | LOT 212 | LOT 213 | LOT 214 | LOT 215 | LOT 216

LEGEND

- SN — PROPOSED SANITARY SEWER
- ST — PROPOSED STORM SEWER
- W — PROPOSED WATER MAIN
- PRELIMINARY POLE LOCATION - TO BE CONFIRMED IN THE FIELD
- TERRACE EXCAVATION SITE PER S.D.D. 2.18

REVISION 3 - FBEG
REPRINTED ONLY TO DISPLAY NEW SIDEWALK LAYOUT ALONG S HIGH POINT RD.

O.L. 1
DEDICATED TO PUBLIC
FOR STORMWATER
MANAGEMENT

STA 1001+73.21, 31.25' LT
FUTURE TREE CENTER

STA 1001+33.21, 31.25' LT
FUTURE TREE CENTER

STA 1000+93.21, 32.84' LT
FUTURE TREE CENTER

STA 1000+53.21, 34.21' LT
FUTURE TREE CENTER

STA 1002+53.21, 31.25' LT
FUTURE TREE CENTER

STA 1002+13.21, 31.25' LT
FUTURE TREE CENTER

STA 1000+00.00

GIGAWATT DR

NS 224+00

8"W

LOT 1 | LOT 245 | LOT 244 | LOT 243 | LOT 242

DIT

225+00

SN

8"W

1000+00 | 1001+00 | 1002+00 | 1003+00 | 1004+00 | 1005+00

S HIGH POINT ROAD

W | ST | E

MARK	REVISION	DATE	BY
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Designed By: FBEG
Date: 10/16/2025 9:11 AM
Scale: 1" = 40'

L-5

15668

LANDSCAPING PLAN - SPORTS ALMANAC RD & S HIGH POINT RD

HILL VALLEY - PHASE 1

MADISON, WI

CONTRACT NO: 9643

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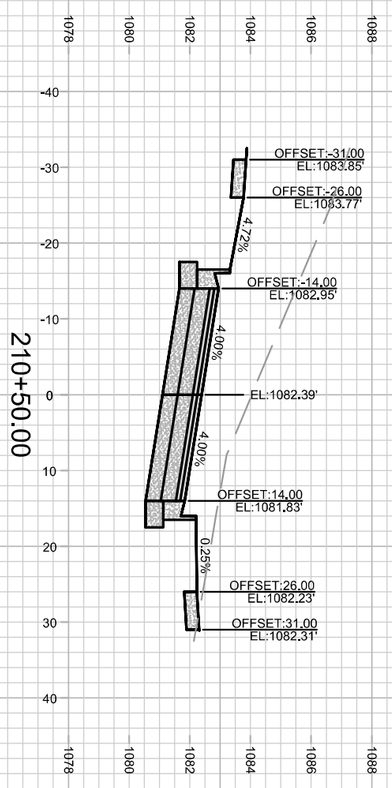
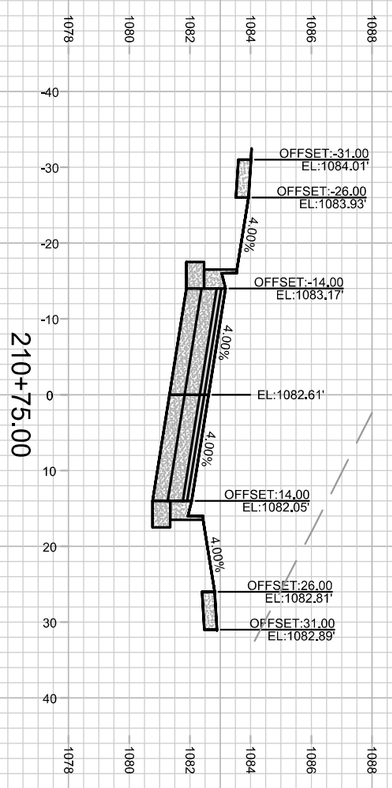
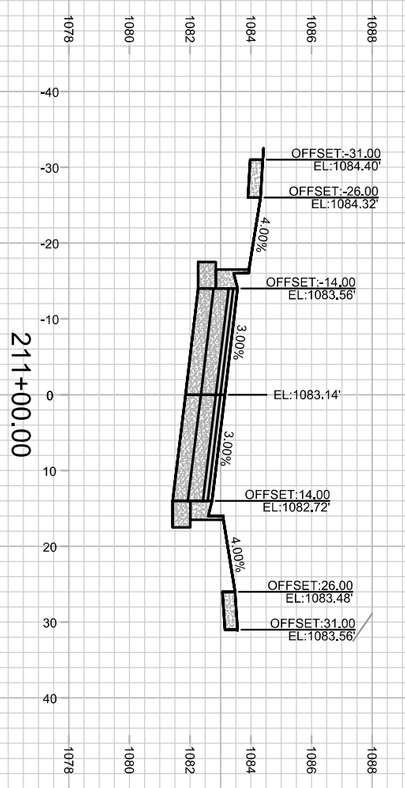
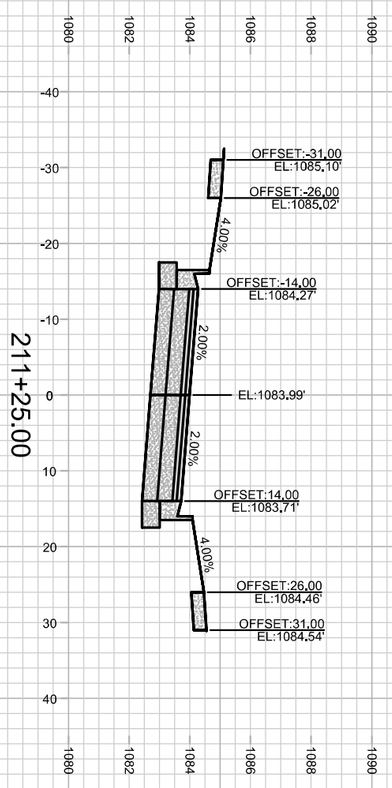
15668

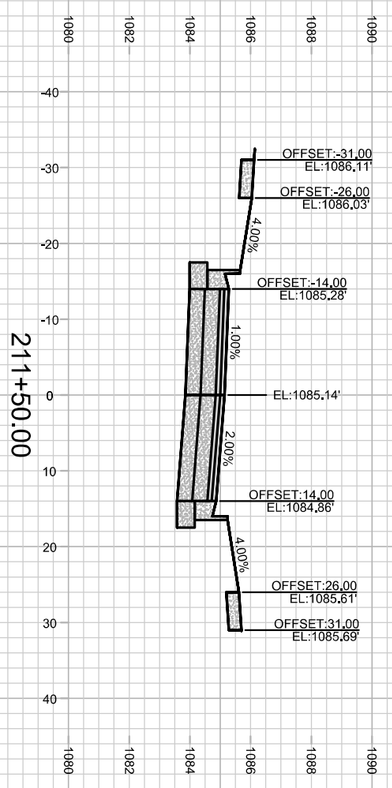
L-5

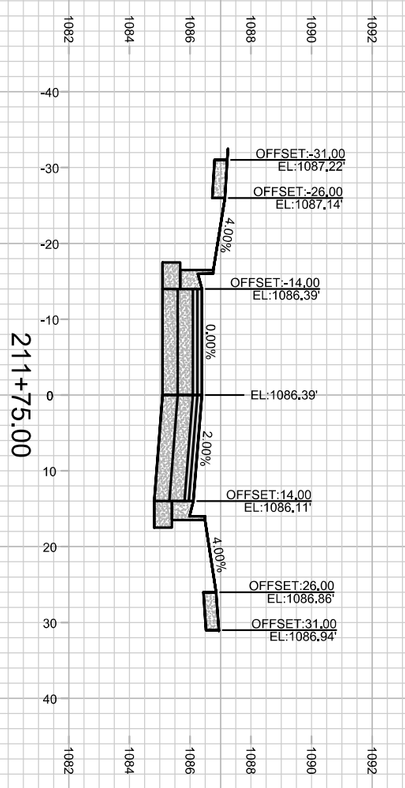












X-1

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

MARK	REVISION	DATE	BY
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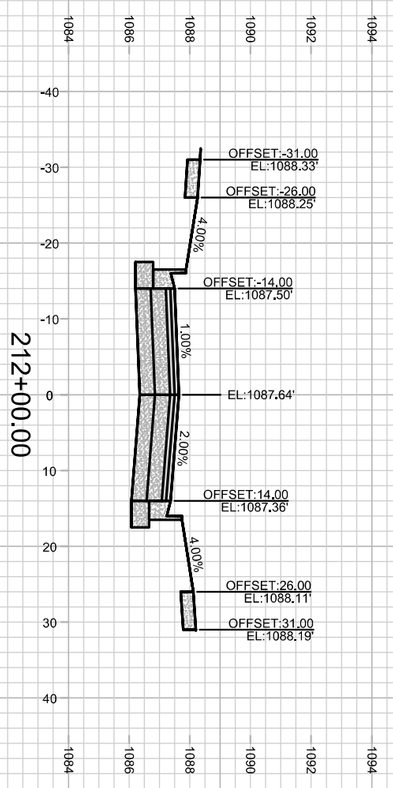
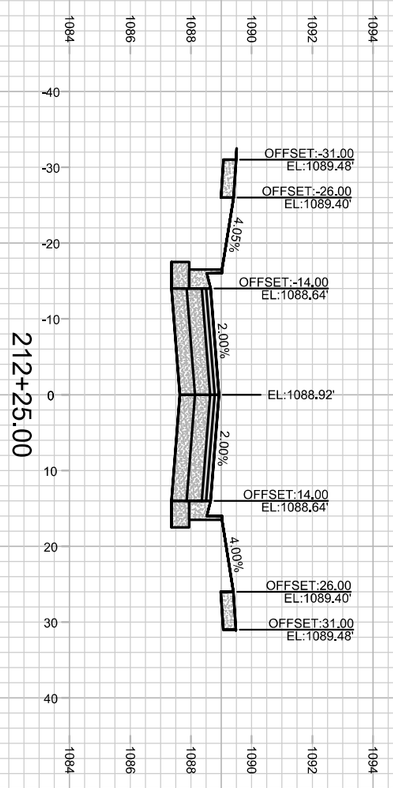
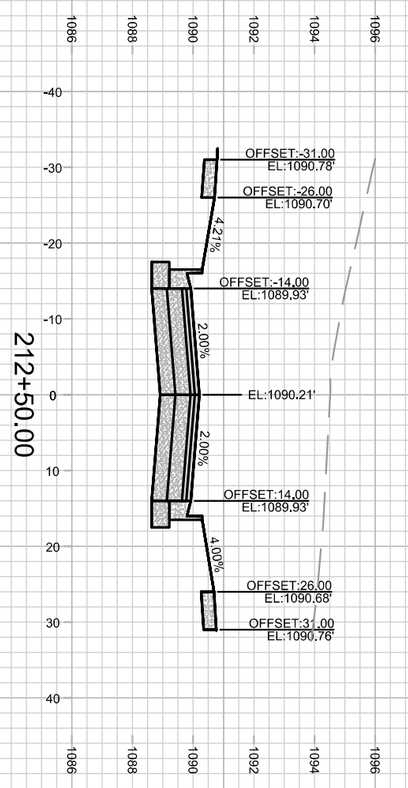
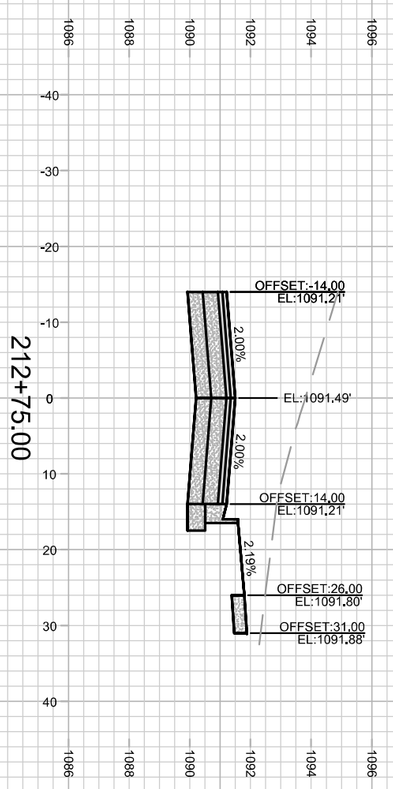
Designed By: FBEG Date: 8/20/2025 6:52 PM Scale: 1" = 20'

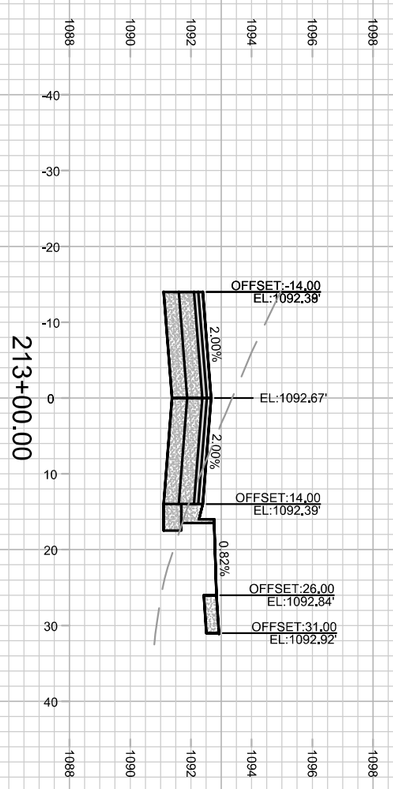
15668 X-1

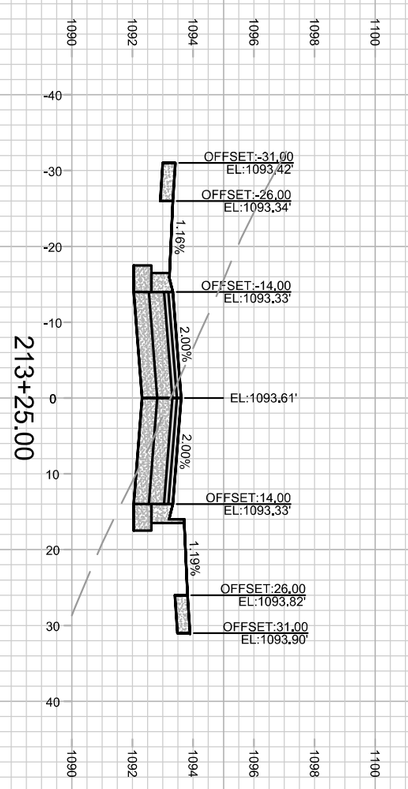












X-2

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

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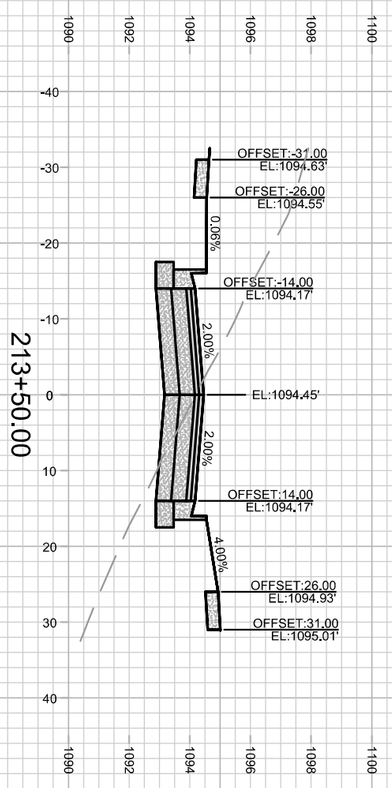
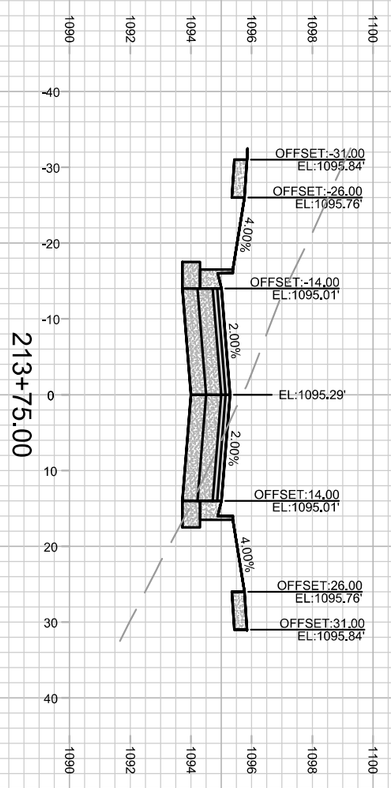
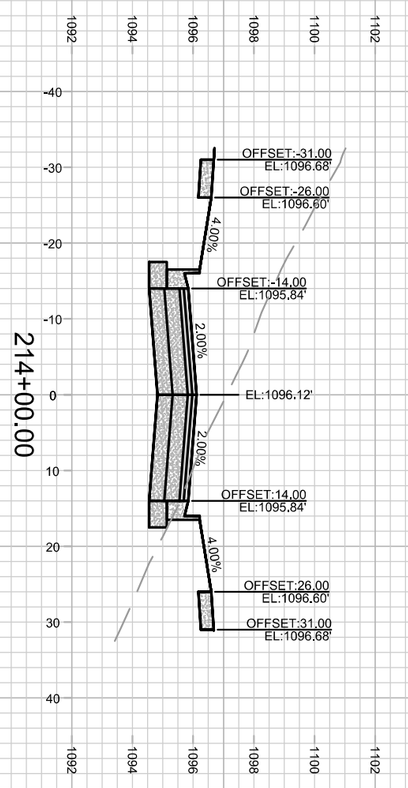
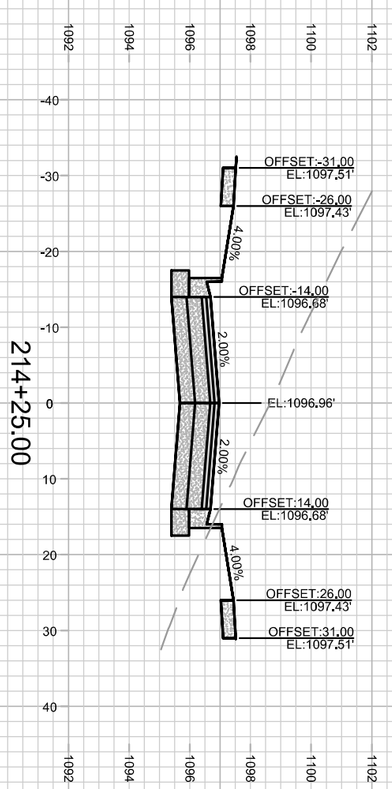
Designed By: FBEG Date: 8/20/2025 6:52 PM Scale: 1" = 20'

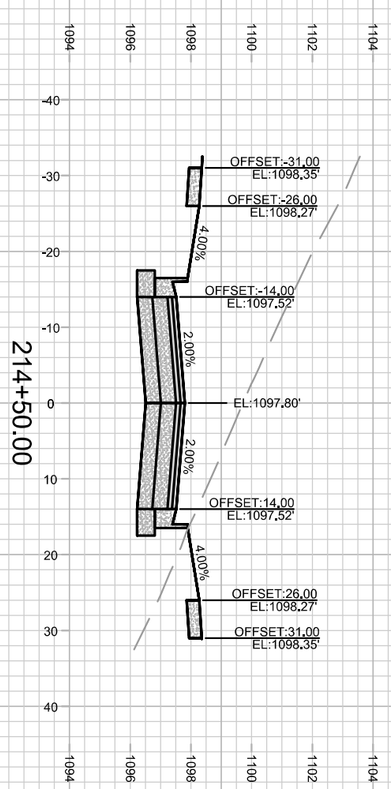
15668 X-2

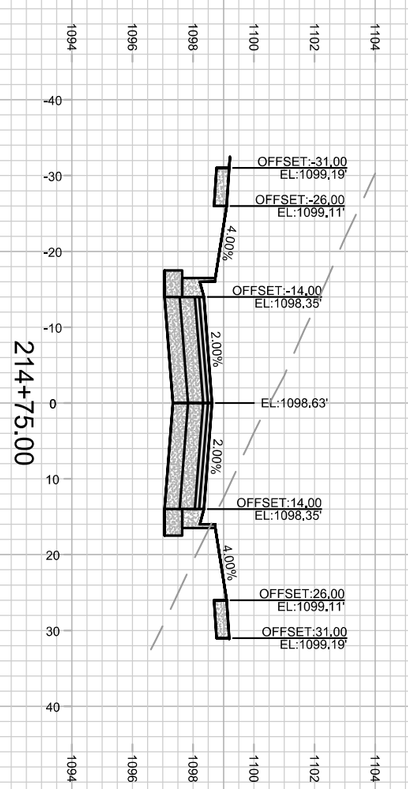












X-3

15668

CROSS SECTIONS - GIGAWATT DRIVE

15668

HILL VALLEY - PHASE 1

MADISON, WI

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CONTRACT NO: 9643

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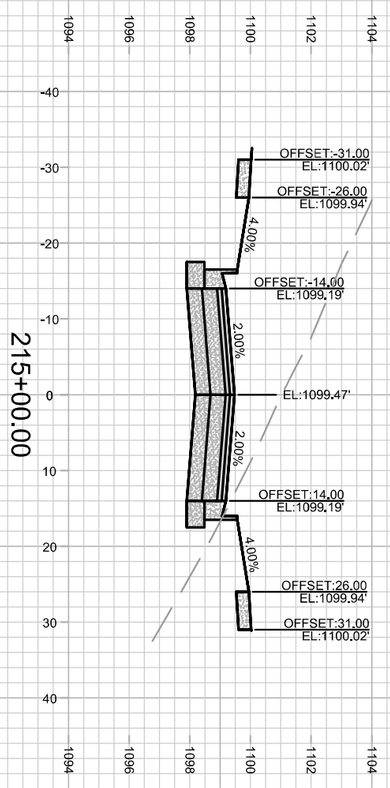
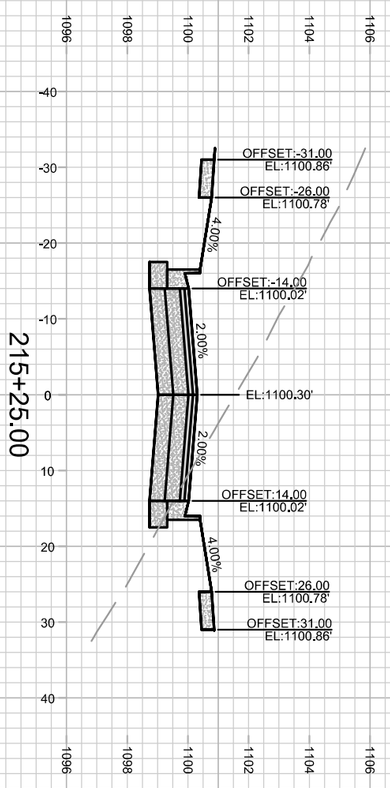
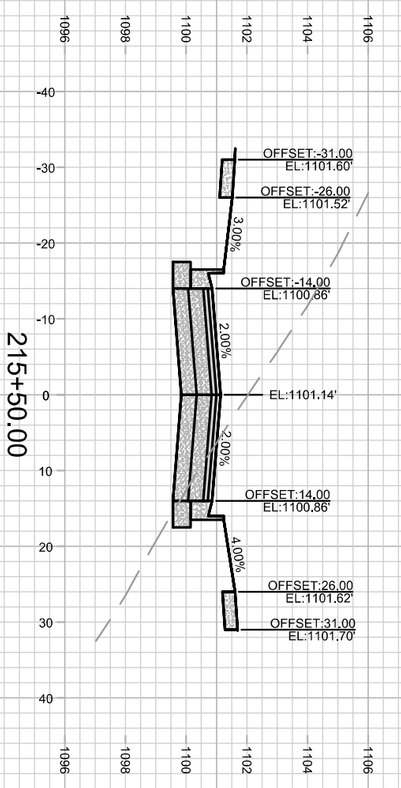
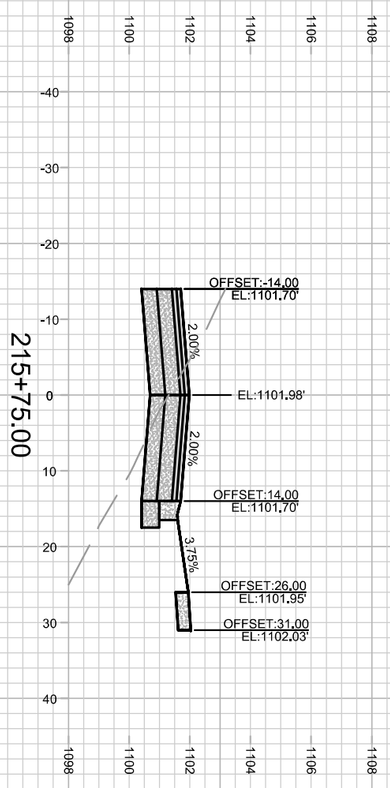
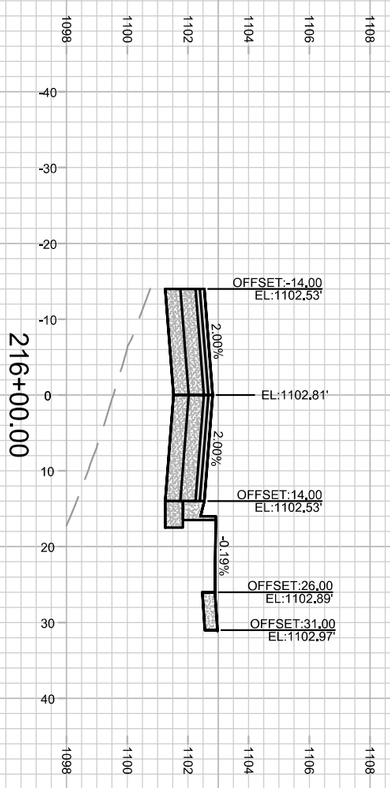
15668 | X-3

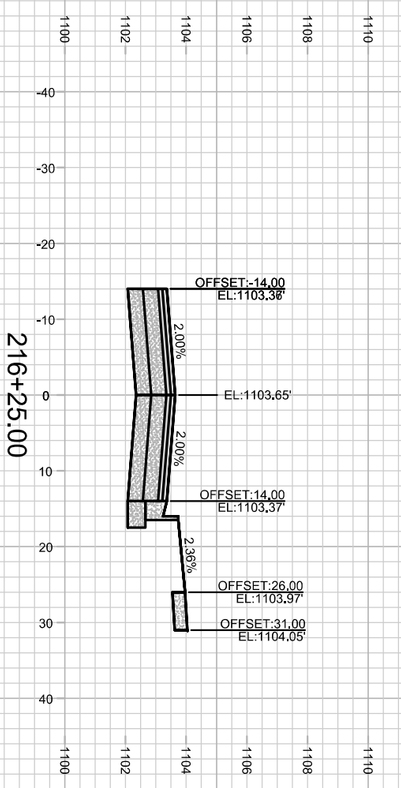












X-4

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

MARK	REVISION	DATE	BY
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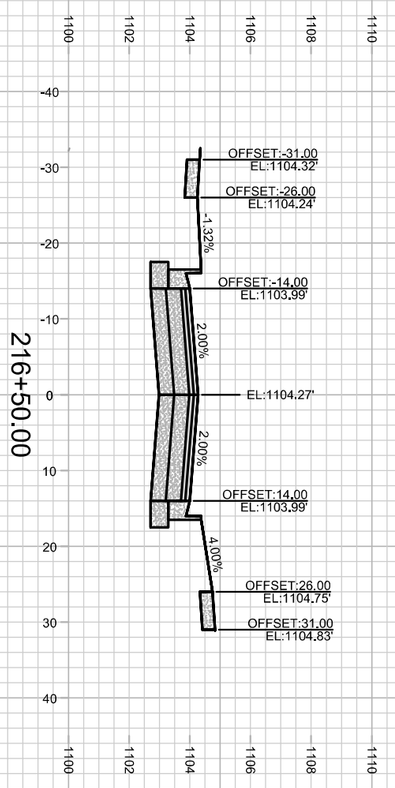
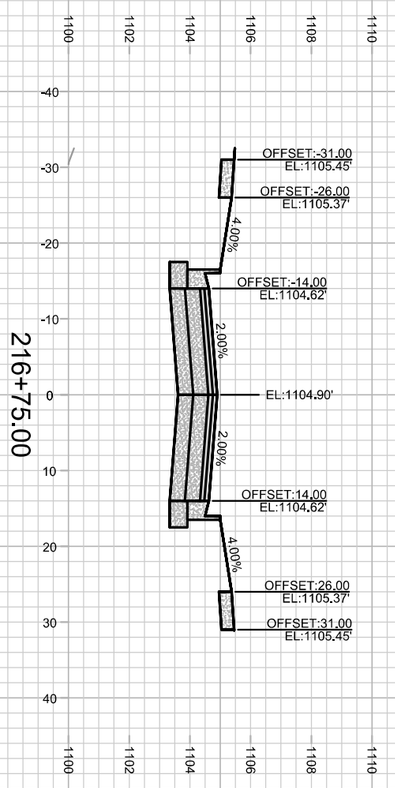
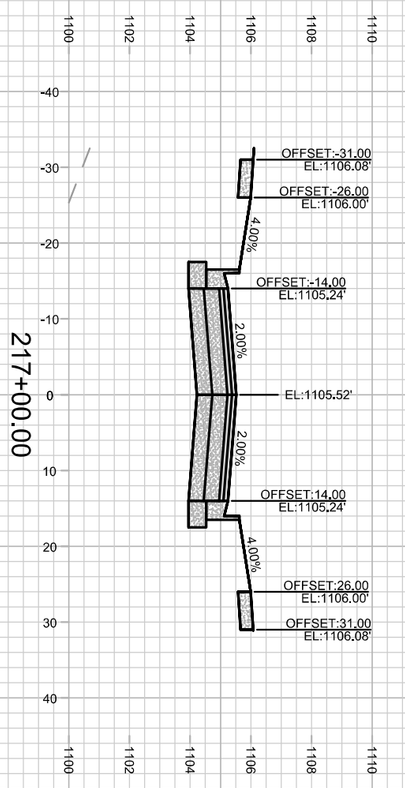
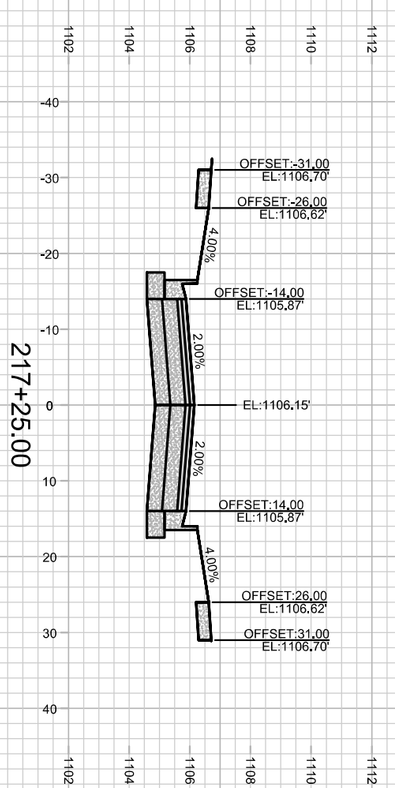
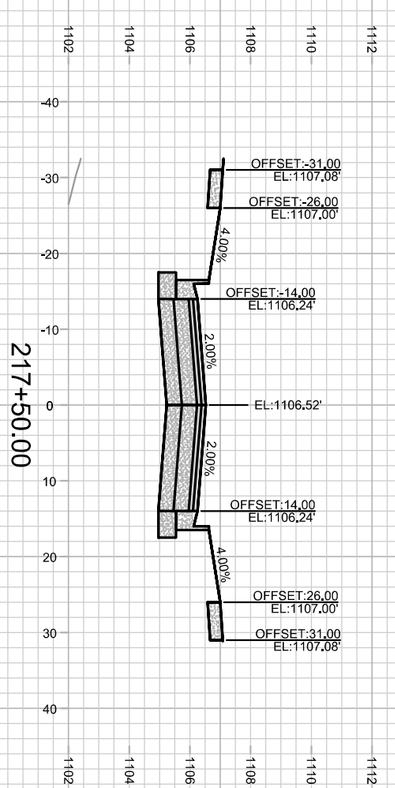
15668 X-4

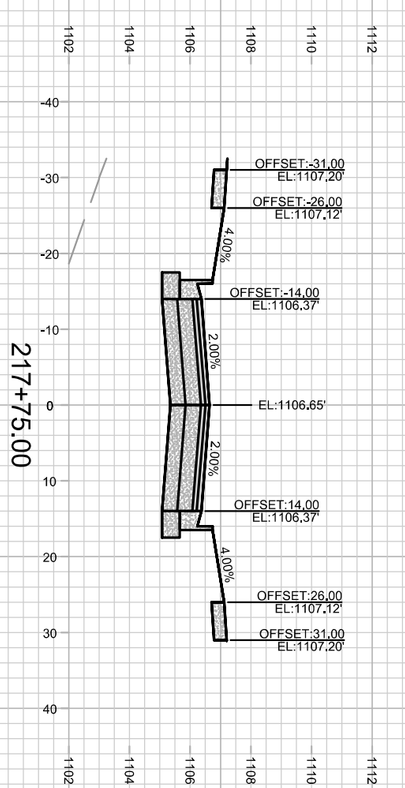












X-5

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

MARK	REVISION	DATE	BY
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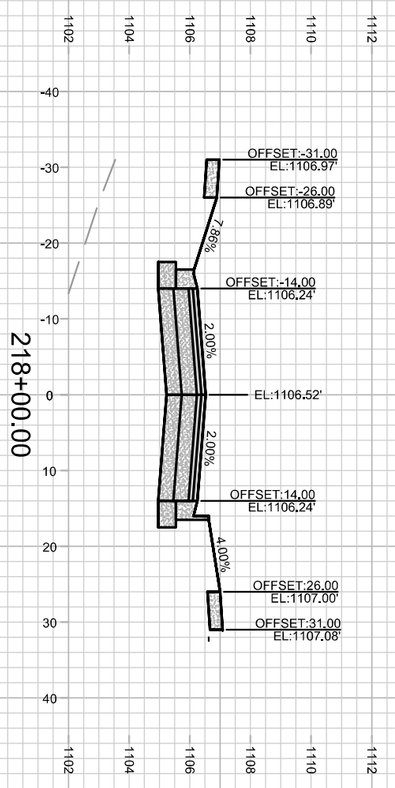
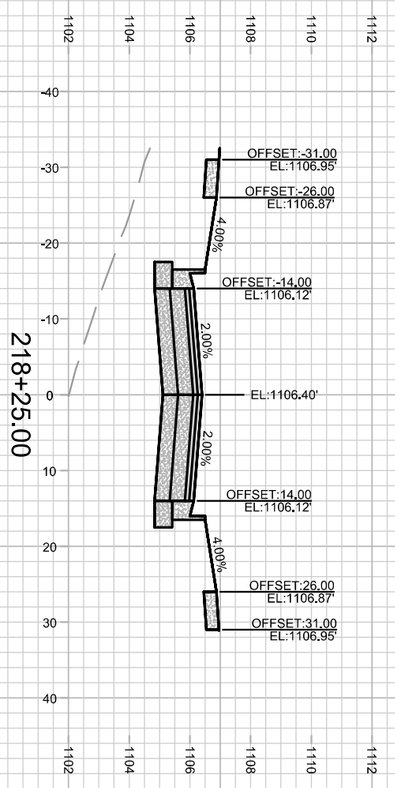
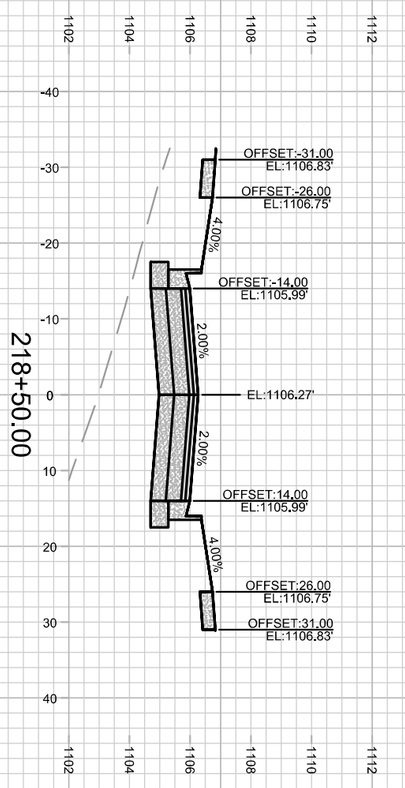
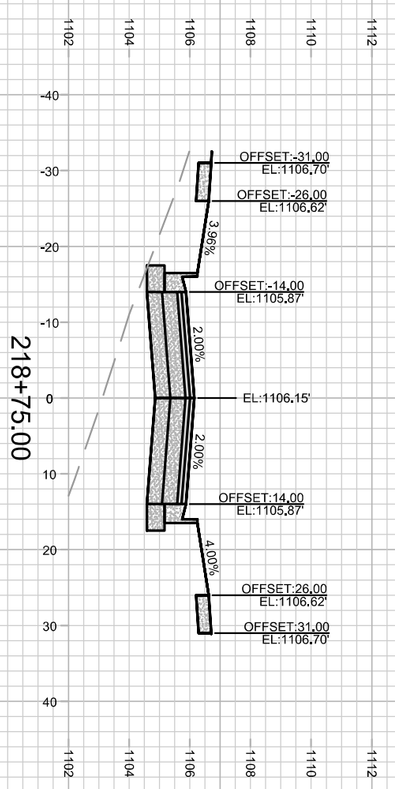
Designed By: FBEG Date: 8/20/2025 6:53 PM Scale: 1" = 20'

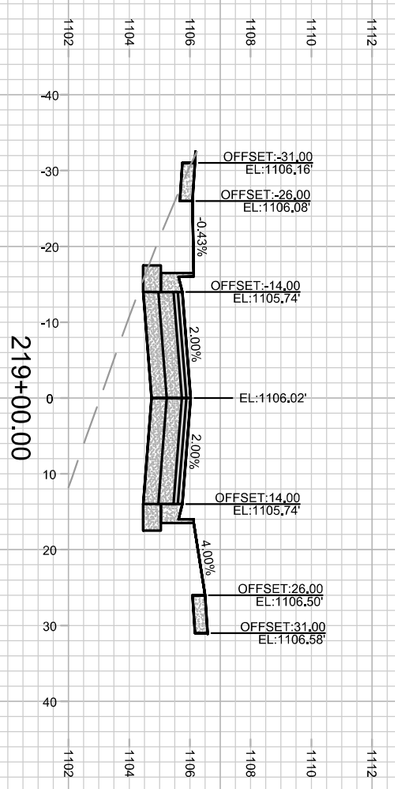
15668 X-5

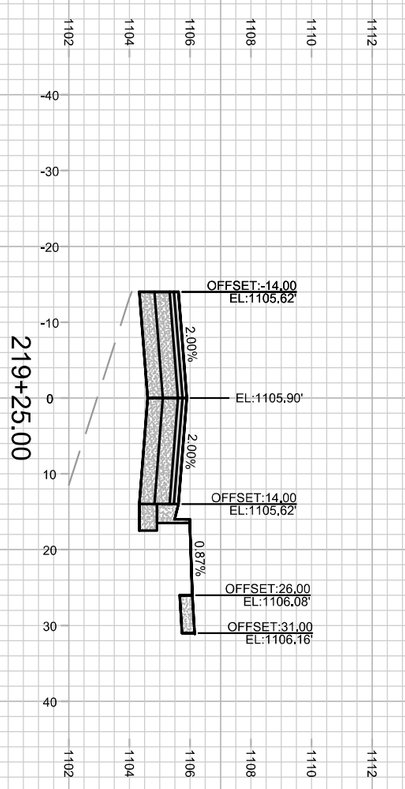












X-6

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

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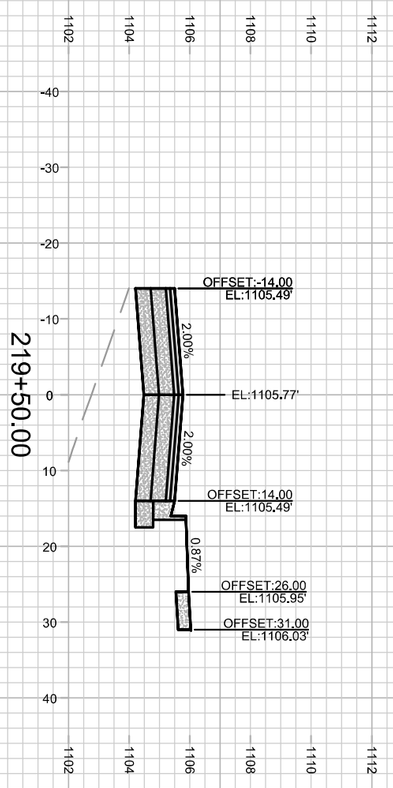
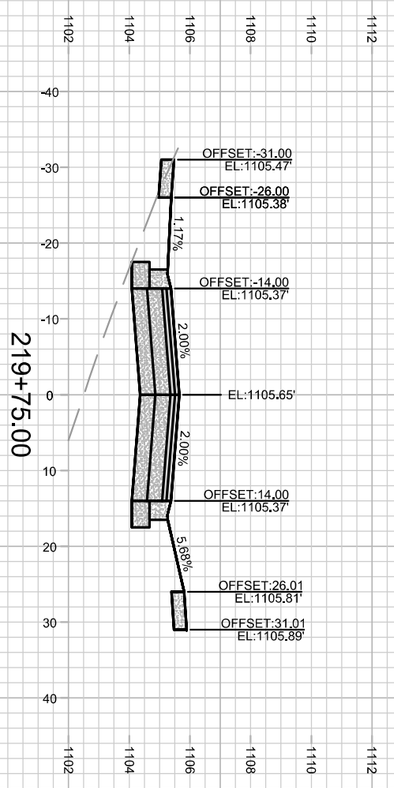
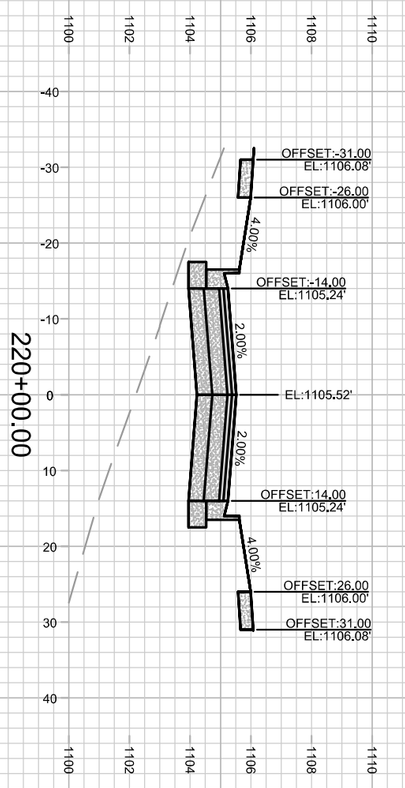
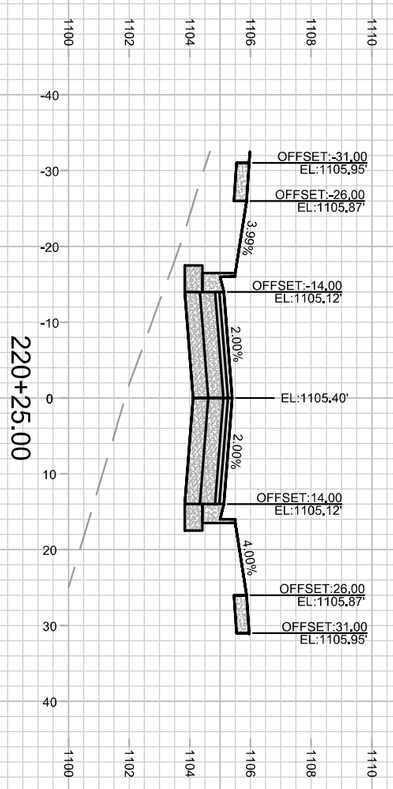
Designed By: FBEG | Date: 8/20/2025 6:53 PM | Scale: 1" = 20'

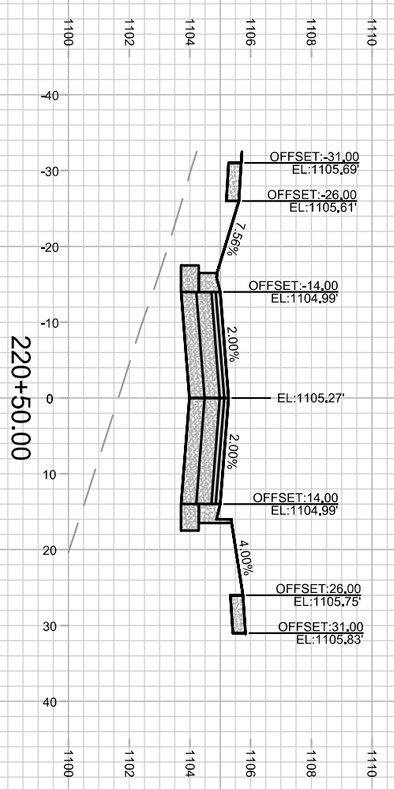
15668 X-6

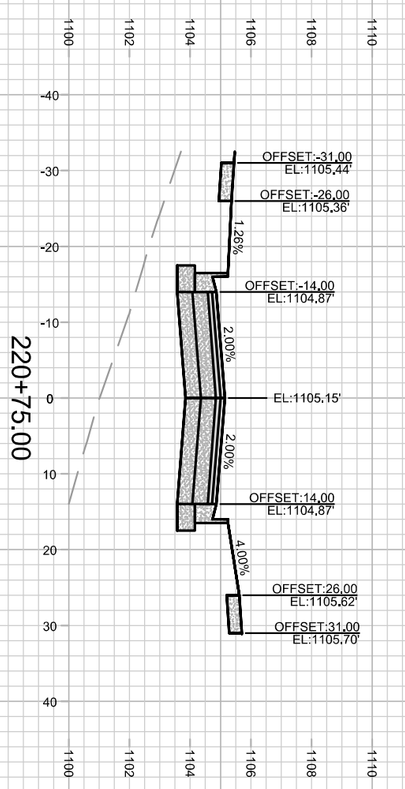












X-7

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

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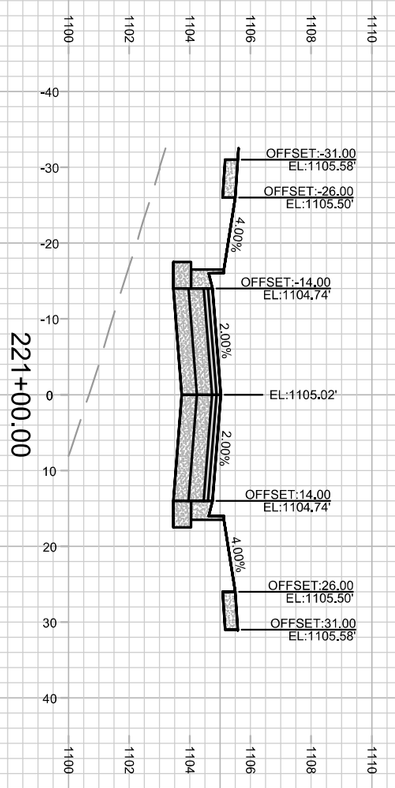
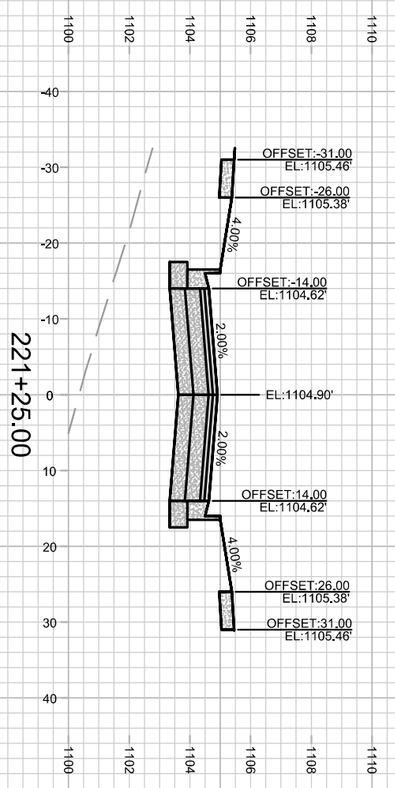
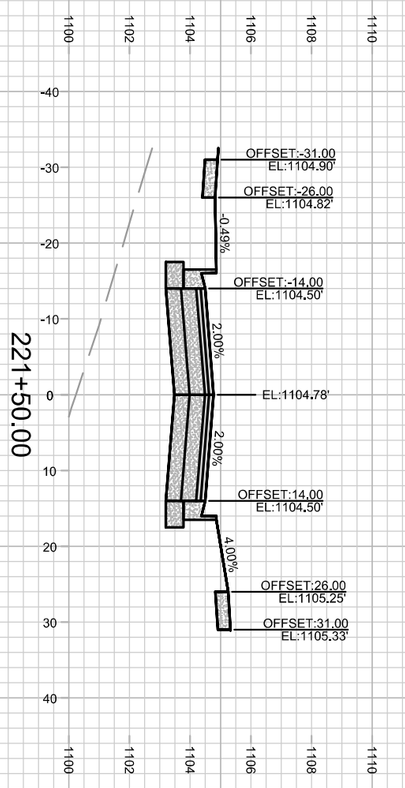
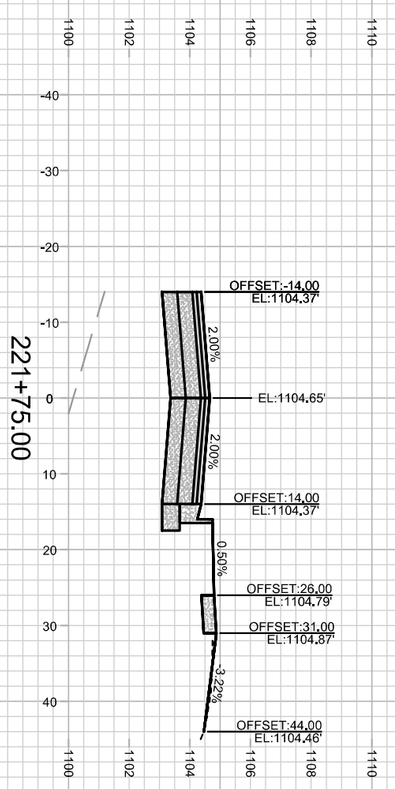
Designed By: FBEG Date: 8/20/2025 6:53 PM Scale: 1" = 20'

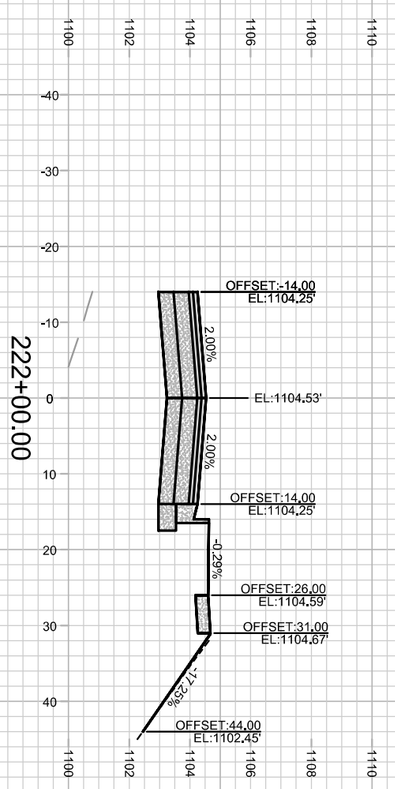
15668 X-7

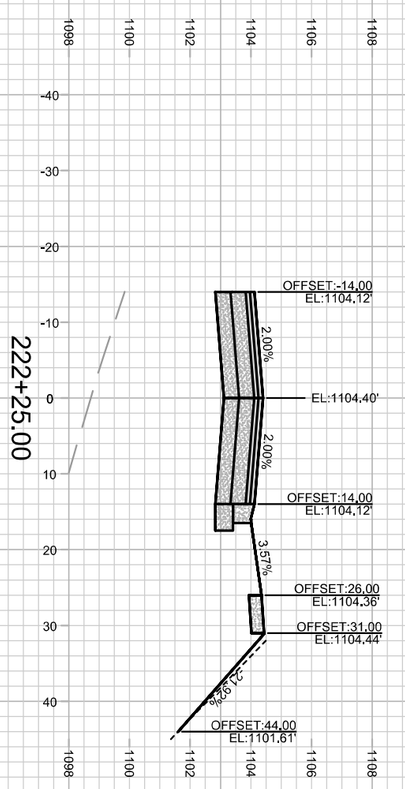












X-8

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

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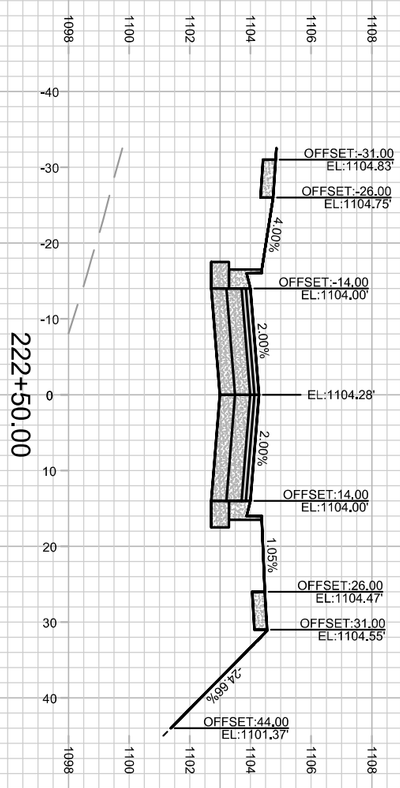
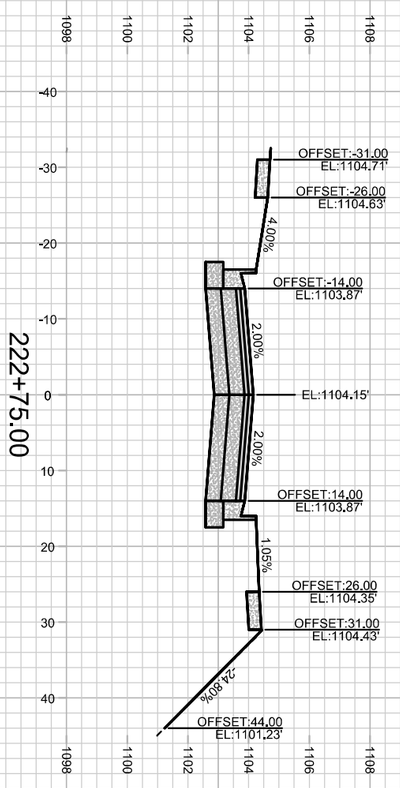
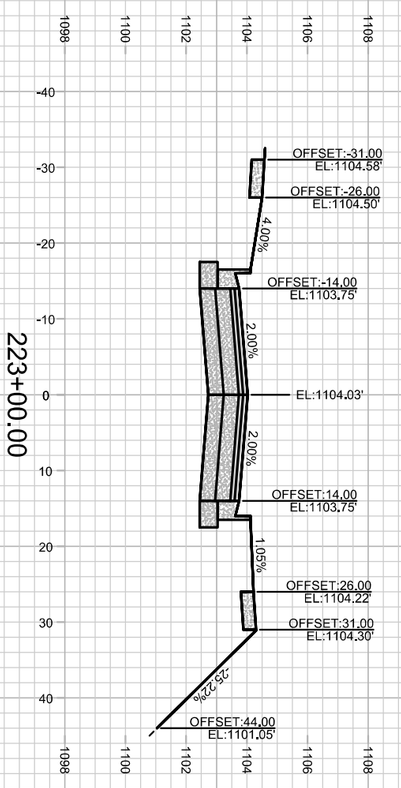
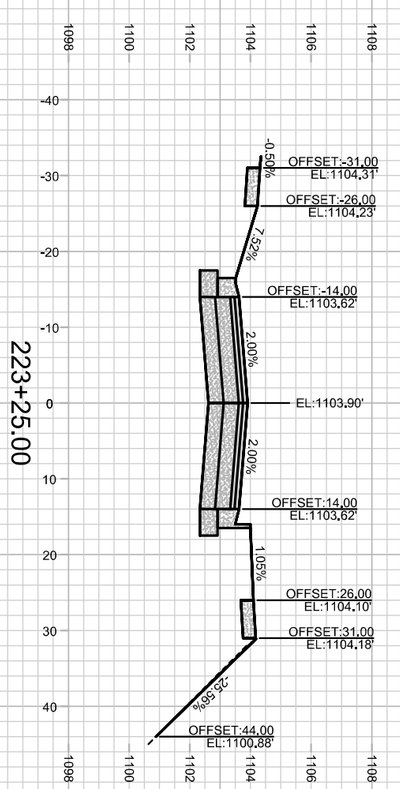
Designed By: FBEG Date: 8/20/2025 6:53 PM Scale: 1" = 20'

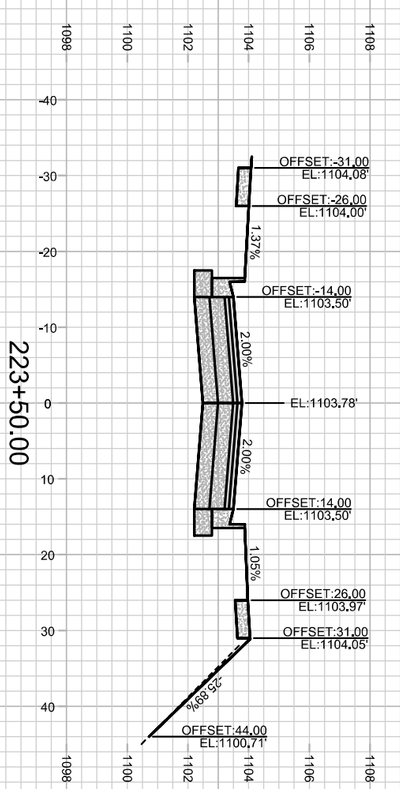
15668 X-8

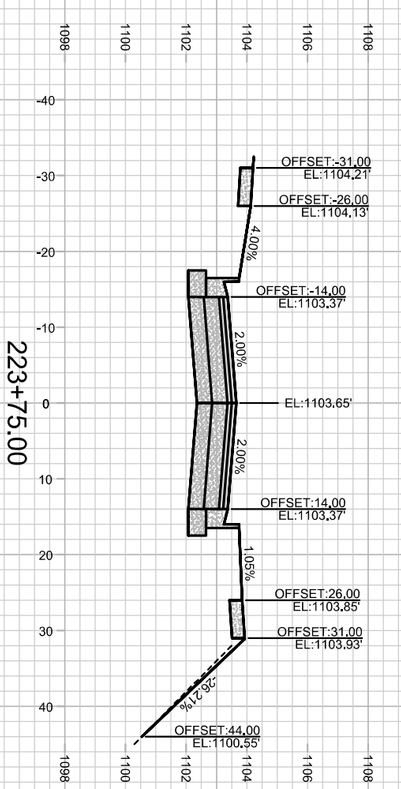












X-9

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

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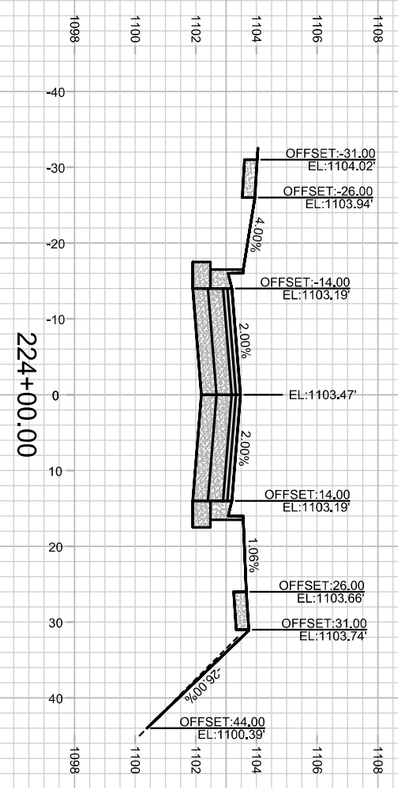
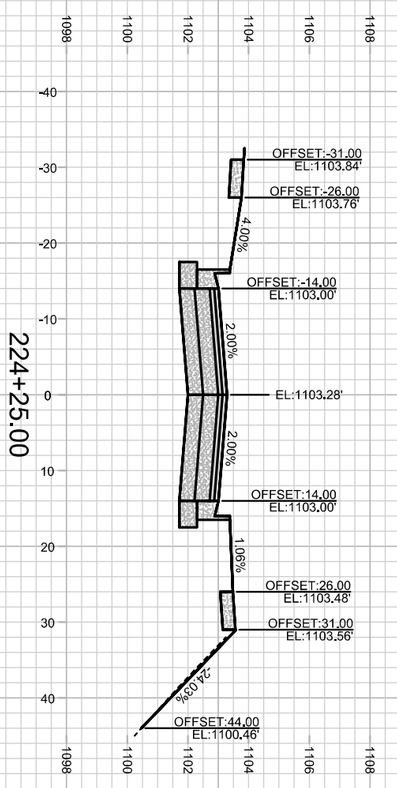
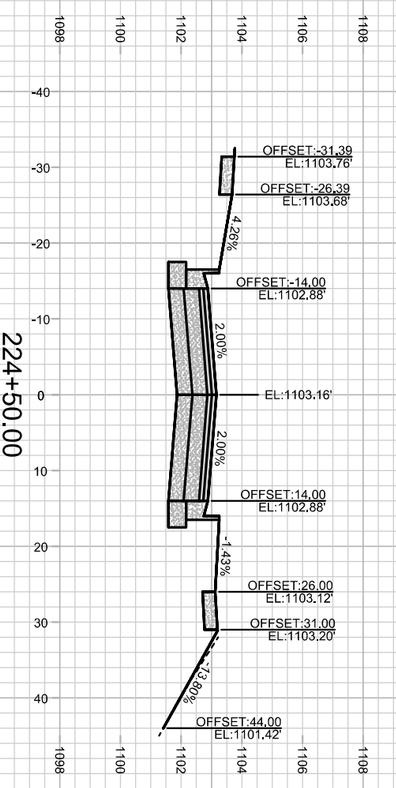
Designed By: FBEG Date: 8/20/2025 6:53 PM Scale: 1" = 20'

15668 X-9







X-10

15668

CROSS SECTIONS - GIGAWATT DRIVE 15668

HILL VALLEY - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15668\CAD\Streets\15668EN-Xsections.dwg CONTRACT NO: 9643

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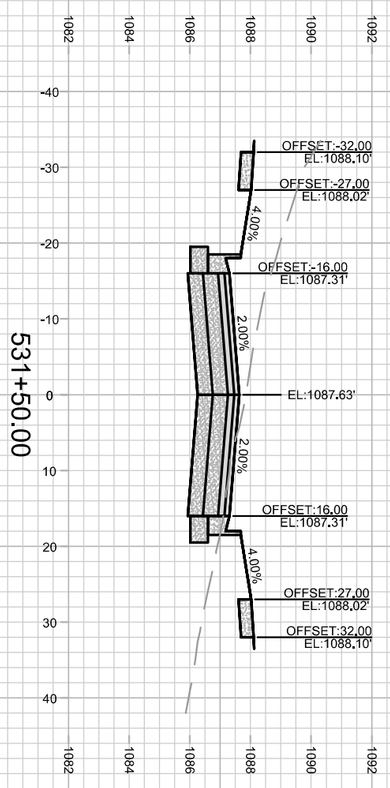
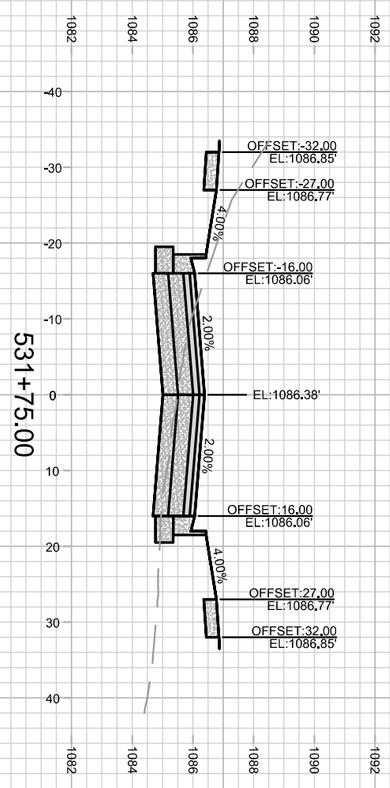
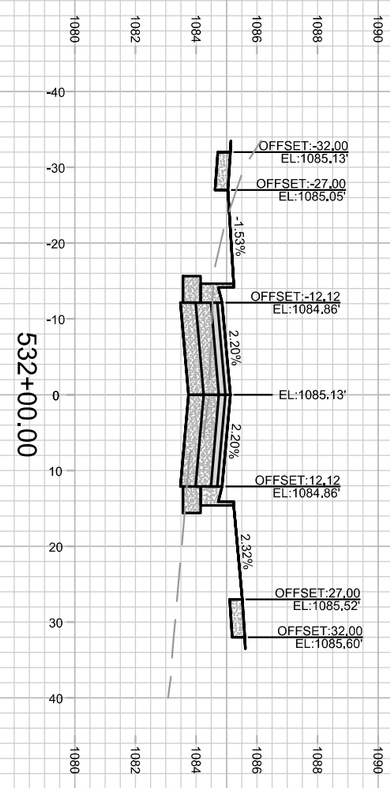
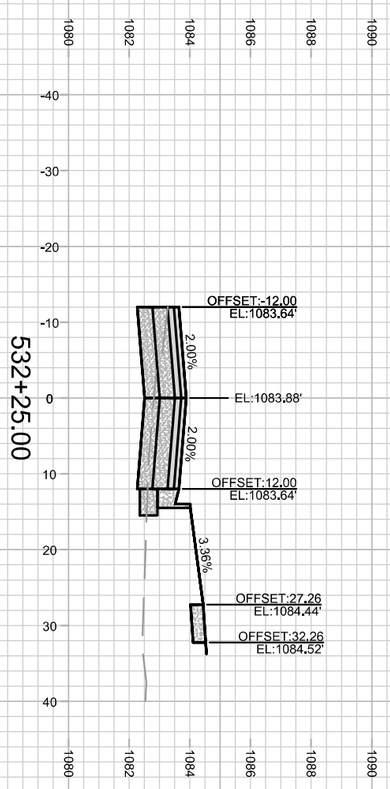
Designed By: FBEG Date: 8/20/2025 6:53 PM Scale: 1" = 20'

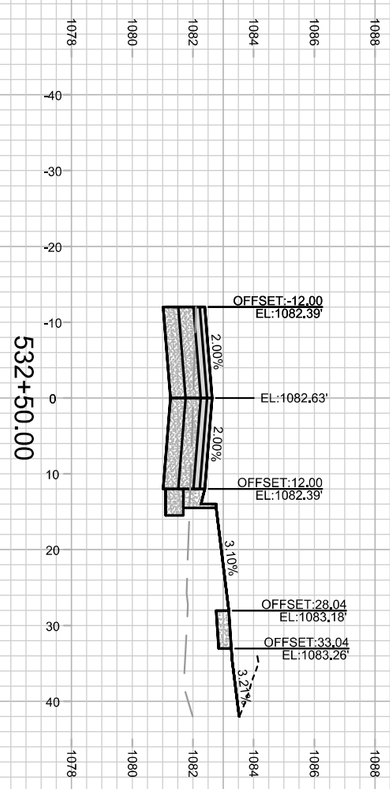
15668 X-10

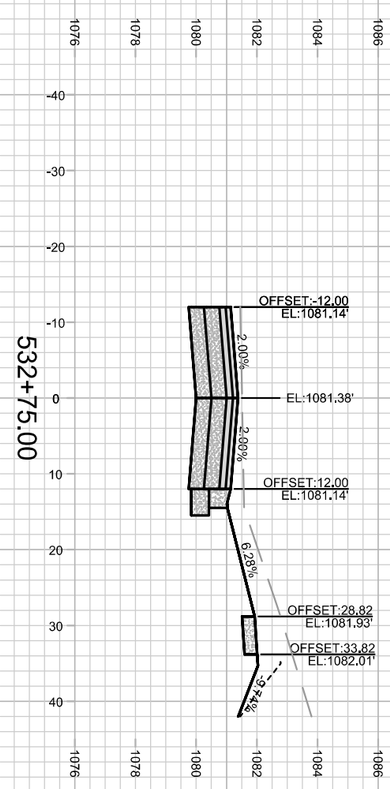












X-11

15668

CROSS SECTIONS - WALDORF BLVD

15668

HILL VALLEY - PHASE 1

MADISON, WI

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CONTRACT NO: 9643

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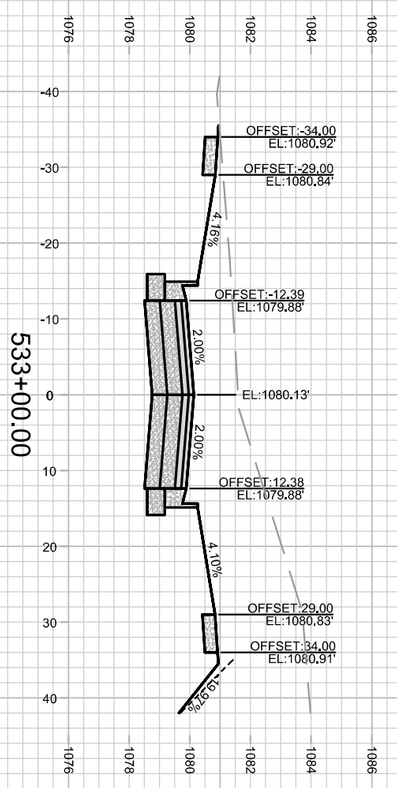
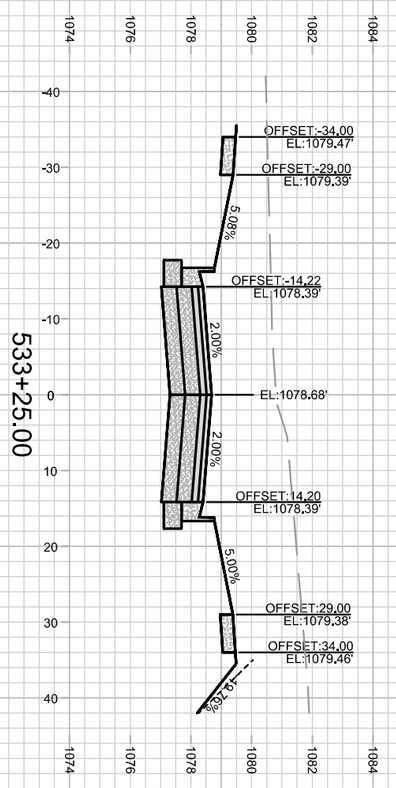
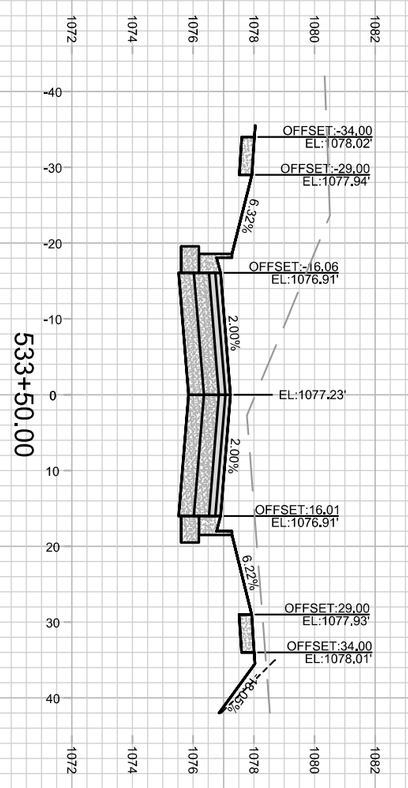
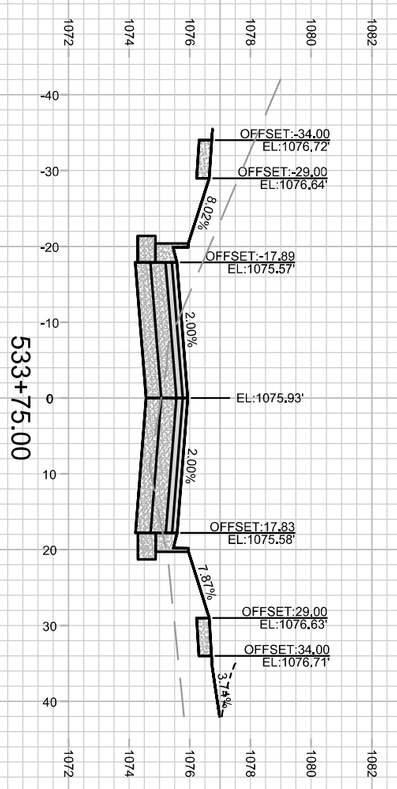
Designed By: FBEG | Date: 8/20/2025 6:54 PM | Scale: 1" = 20'

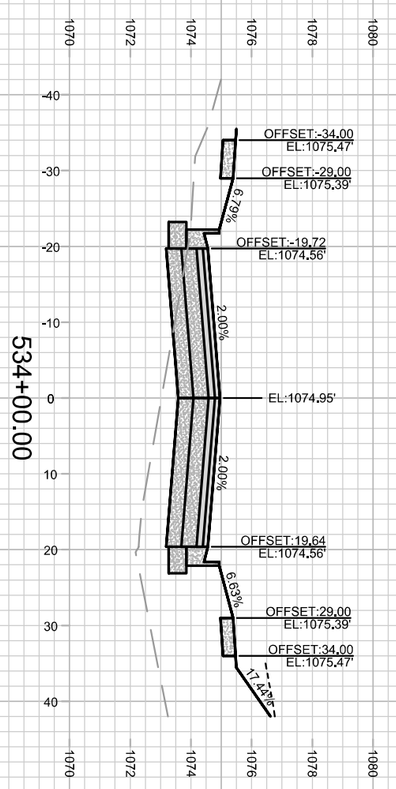
15668 | X-11

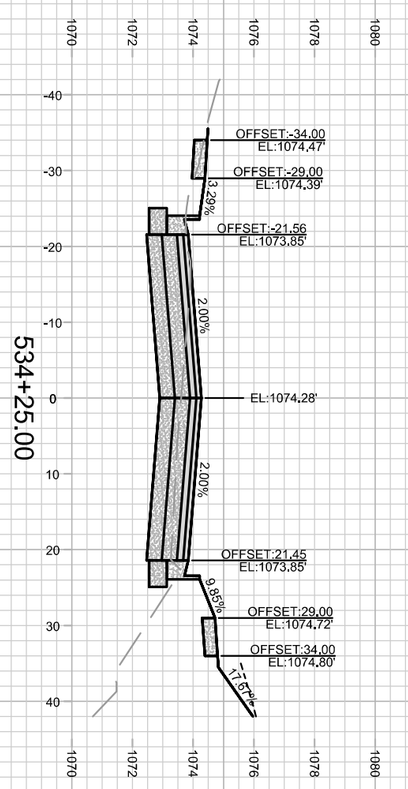












X-12

15668

CROSS SECTIONS - WALDORF BLVD

15668

HILL VALLEY - PHASE 1

MADISON, WI

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CONTRACT NO: 9643

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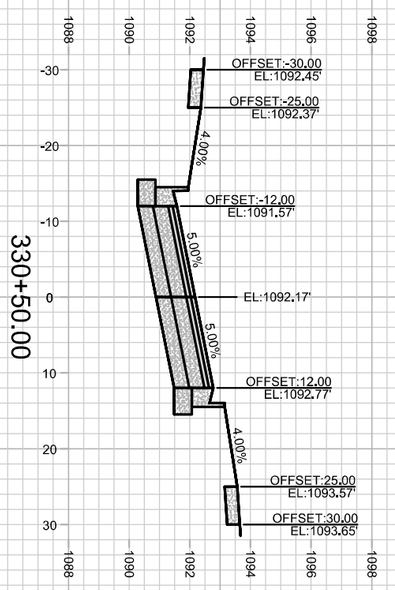
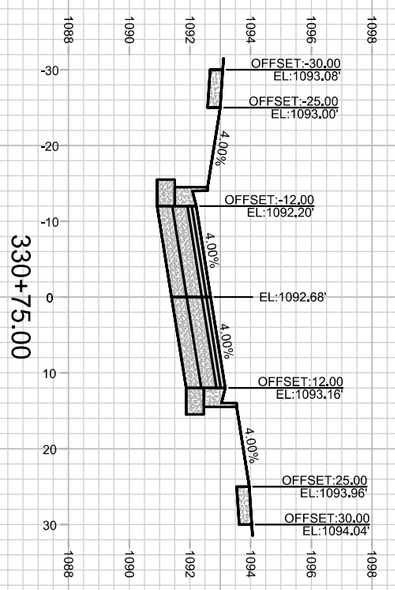
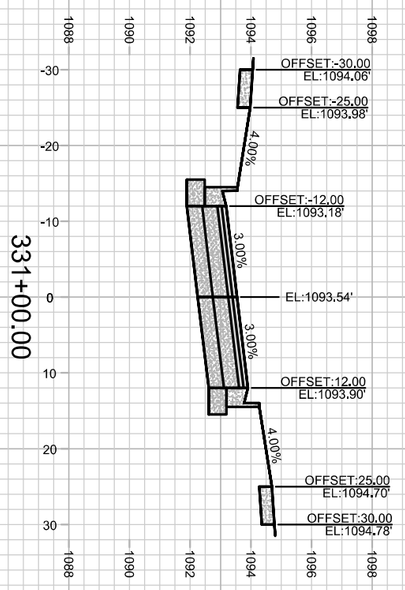
Designed By: FBEG | Date: 8/20/2025 6:54 PM | Scale: 1" = 20'

15668 | X-12







X-13

15668

CROSS SECTIONS - OUT OF TIME LANE 15668

HILL VALLEY - PHASE 1 MADISON, WI

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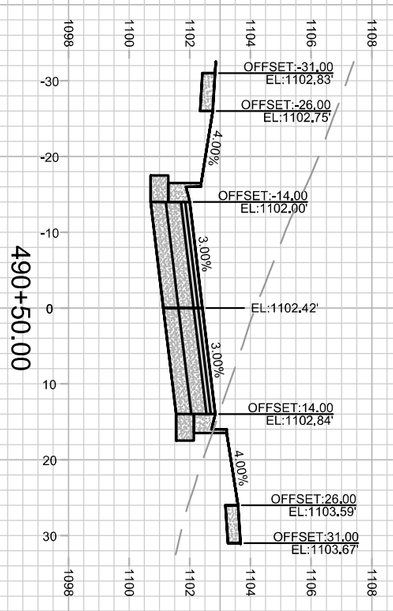
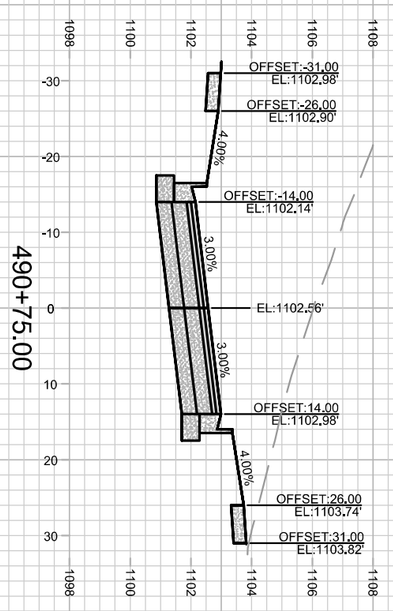
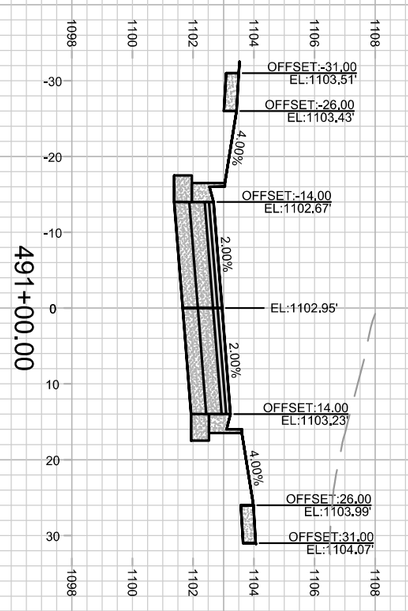
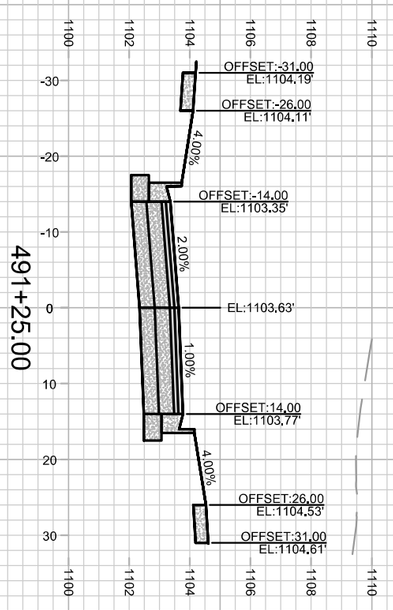
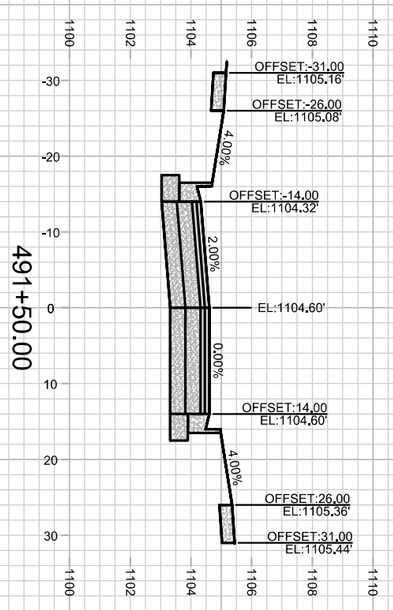
15668 X-13











X-14

15668

CROSS SECTIONS - FIRE TRACK LANE

15668

HILL VALLEY - PHASE 1

MADISON, WI

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CONTRACT NO: 9643

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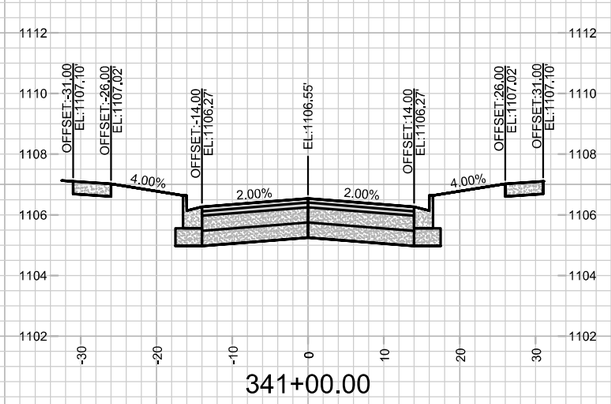
15668 | X-14



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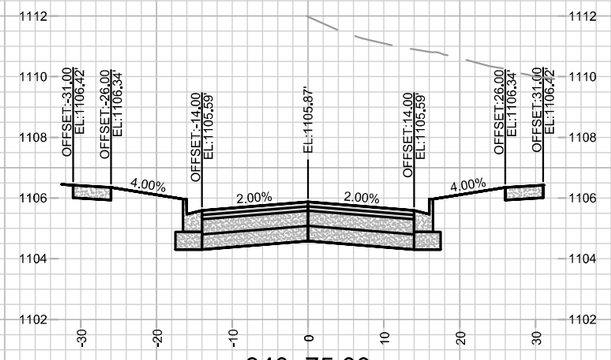

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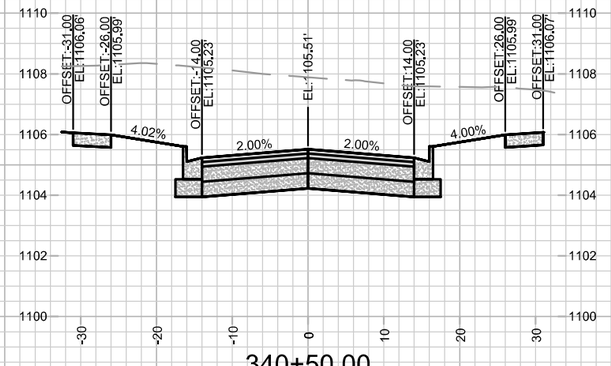

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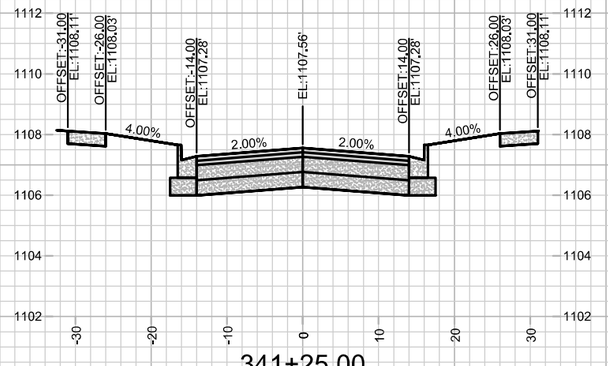

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15668

CROSS SECTIONS - PARADOX LANE

HILL VALLEY - PHASE 1

MADISON, WI

CONTRACT NO: 9643

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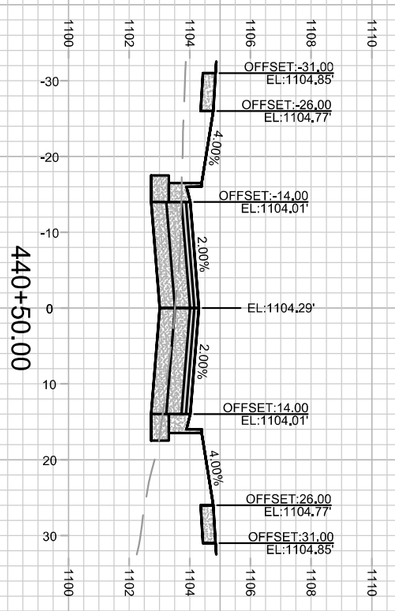
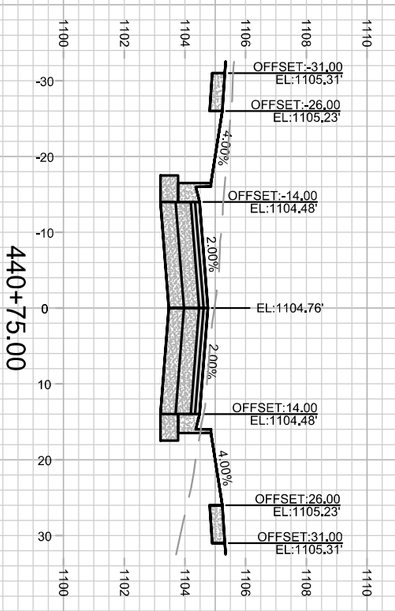
15668

X-15

X-15





X-16

15668

CROSS SECTIONS - SPORTS ALMANAC ROAD — 15668

HILL VALLEY - PHASE 1 — MADISON, WI

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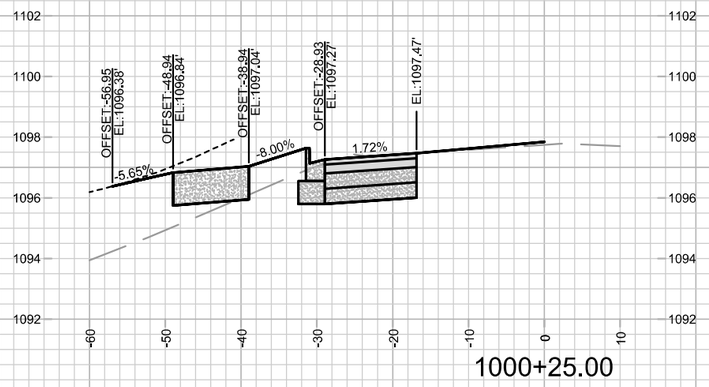
15668 | X-16



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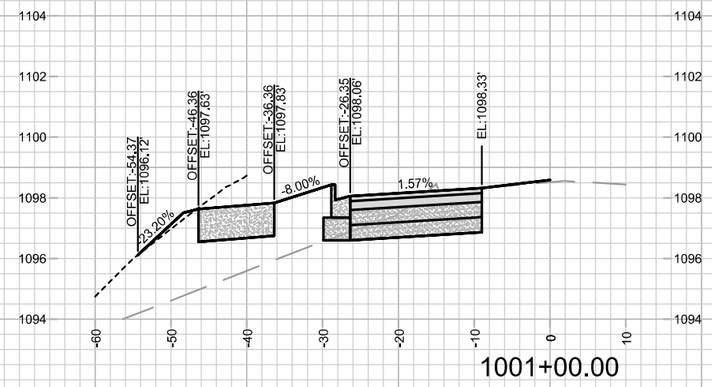

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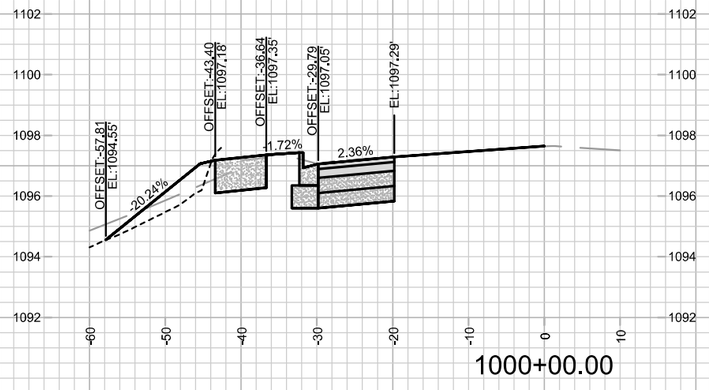

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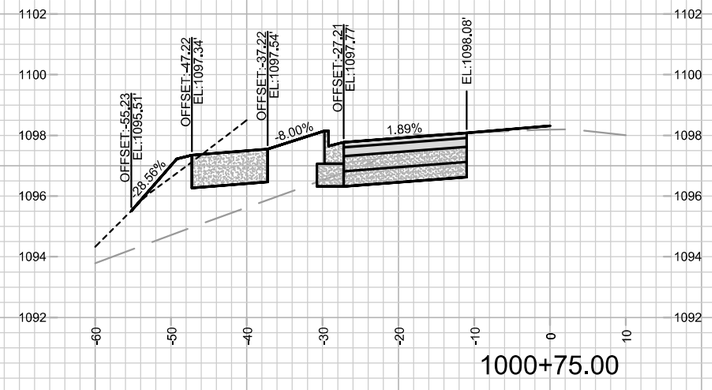

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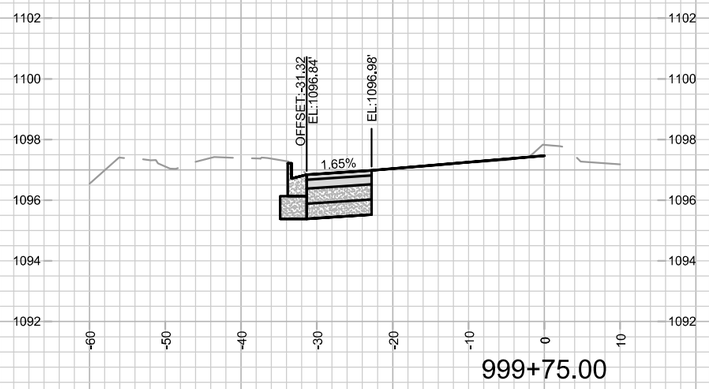

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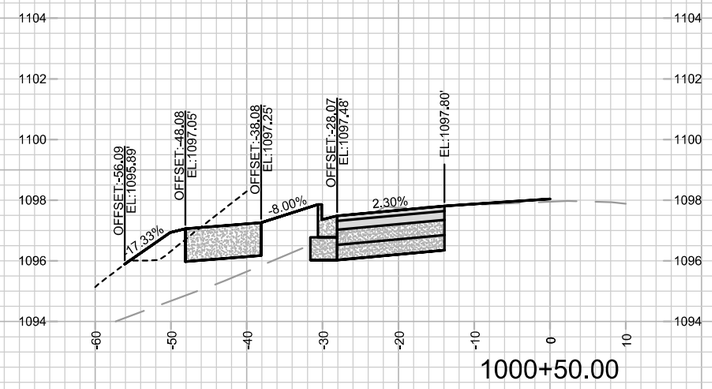

1000+50.00

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Designed By: FBEG | Date: 8/20/2025 6:55 PM | Scale: 1" = 20'

15668

MADISON, WI

CONTRACT NO: 9643

CROSS SECTIONS - S HIGH POINT ROAD

HILL VALLEY - PHASE 1

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15668

X-17

MARK	REVISION	DATE	BY
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15668

MADISON, WI

CONTRACT NO: 9643

CROSS SECTIONS - S HIGH POINT ROAD

HILL VALLEY - PHASE 1

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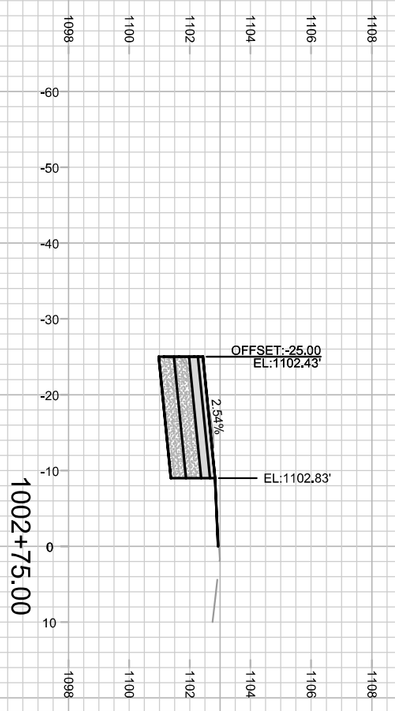
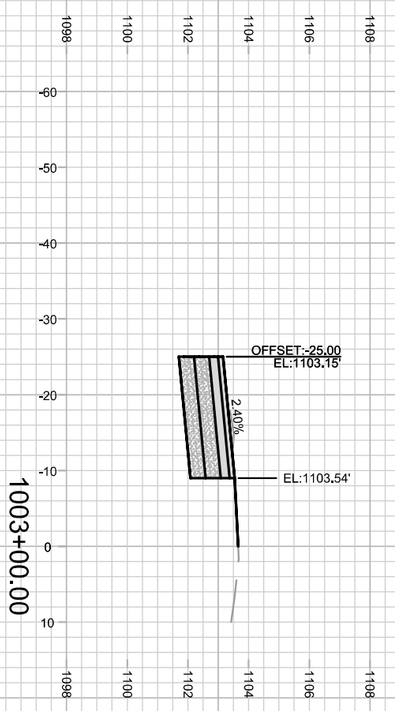
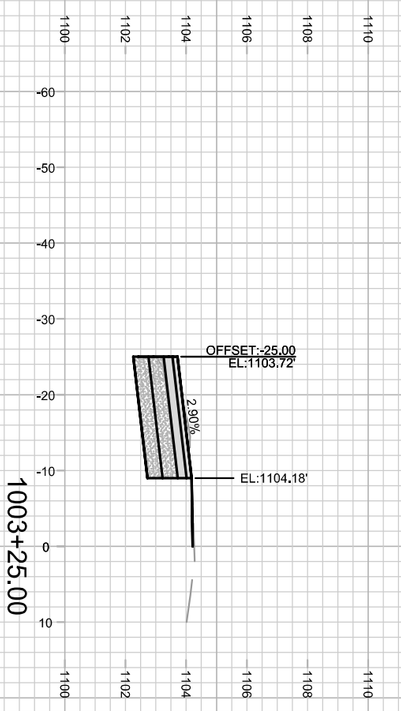
15668

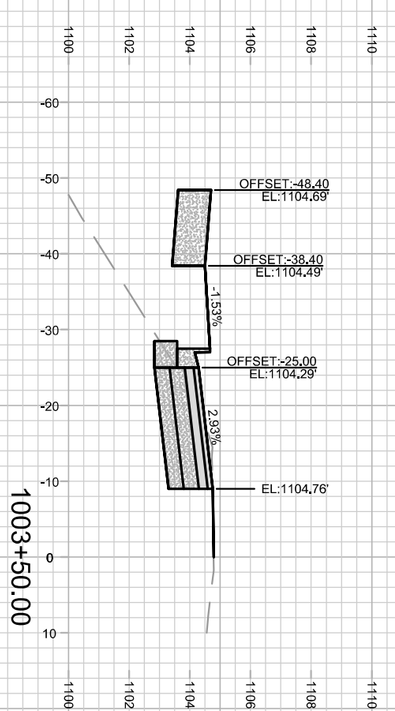
X-18

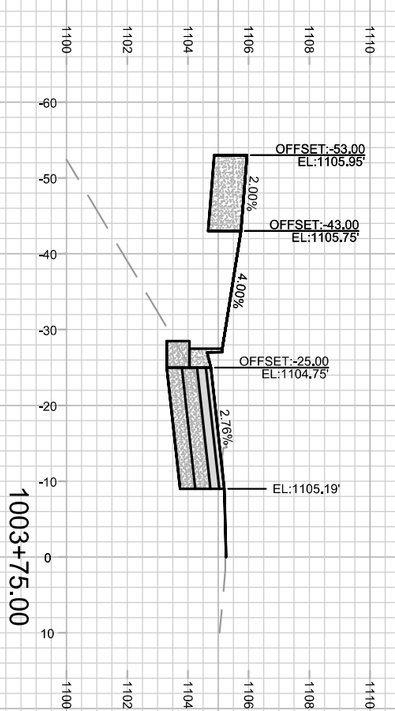
X-18

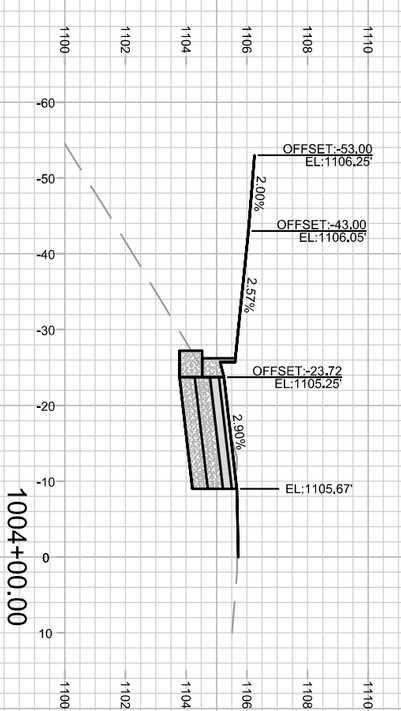












X-19

15668

CROSS SECTIONS - S HIGH POINT ROAD 15668

HILL VALLEY - PHASE 1 MADISON, WI

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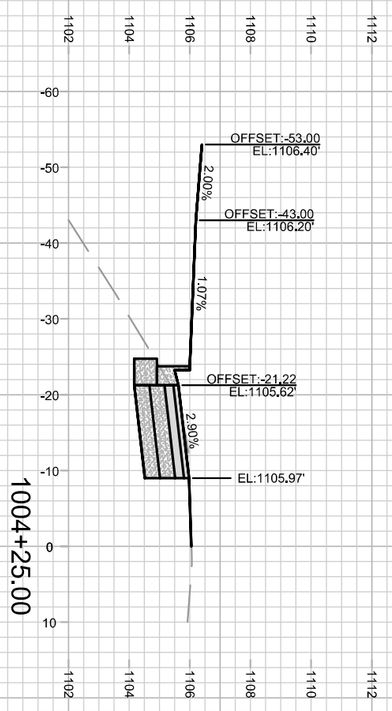
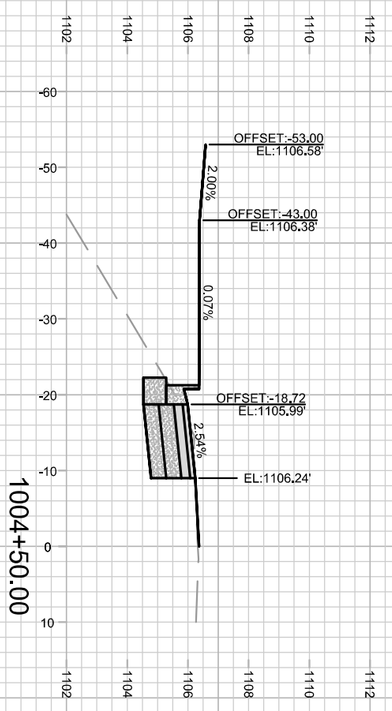
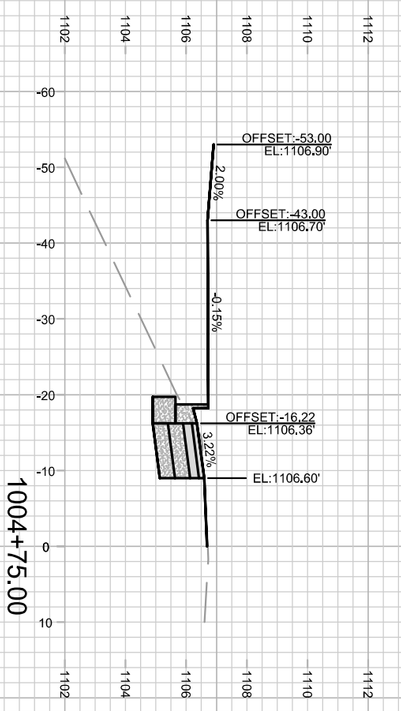
15668 X-19







X-20

15668

CROSS SECTIONS - S HIGH POINT ROAD 15668

HILL VALLEY - PHASE 1 MADISON, WI

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Designed By: FBEG | Date: 8/20/2025 6:55 PM | Scale: 1" = 20'

15668 X-20

LEGEND:

= PHASE BOUNDARY

= INSTALL PROPERTY BOUNDARY MARKERS PER S.D.D. 2.14

O.L. 2
DEDICATED TO THE PUBLIC FOR PARK PURPOSES

O.L. 3
DEDICATED TO THE PUBLIC FOR STORM WATER MANAGEMENT PURPOSES

O.L. 5
DEDICATED TO THE PUBLIC FOR PARK PURPOSES

O.L. 4
DEDICATED TO THE PUBLIC FOR STORM WATER MANAGEMENT PURPOSES

O.L. 1
DEDICATED TO THE PUBLIC FOR STORM WATER MANAGEMENT PURPOSES

WALDORF BLVD.

OUT OF TIME LANE

FIRE TRACK LANE

PUBLIC ALLEY 3

PARADOX LANE

PUBLIC ALLEY 2

SPORTS ALMANAC ROAD

PUBLIC ALLEY 1

S. HIGH POINT RD

GIGAWATT DRIVE

GIGAWATT DRIVE

LOT 138
LOT 139
LOT 140
LOT 141
LOT 142
VALLEY RIDGE
LOT 143
LOT 144
LOT 145
LOT 146
LOT 147
LOT 148
LOT 149
LOT 150
LOT 151
LOT 158
LOT 157
LOT 159
LOT 160

MID TOWN COMMONS
LOT 37
LOT 38
LOT 39
O.L. 4 VALLEY RIDGE
FIRST ADD. TO VALLEY RIDGE
LOT 391
LOT 392
O.L. 6
LOT 337
LOT 338
LOT 373
LOT 336
LOT 166

MARK	REVISION	DATE	BY		
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15668					

15668

MADISON, WI

CONTRACT NO: 9643

PROPERTY BOUNDARY MARKERS

HILL VALLEY - PHASE 1

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15668

PB-1

REVISION 1 - GCIT
ADDED ACCESS PATH ON O.L.1

MAINTENANCE LEGEND:

- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK, BIKE PATHS AND ACCESS PATH REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- =CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY)
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)
- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY

SPECIAL FEATURES LEGEND:

- = SUSPENDED PAVEMENT SYSTEM
- = STORM WATER FEATURE
- = UNDERDRAIN

NOT FOR CONSTRUCTION - CITY RECORDS ONLY

SEE PROJECT NO. 15669, CONTRACT 9645 FOR MAINTENANCE OF PUBLIC STORMWATER OUTLOTS

O.L. 3
DEDICATED TO THE PUBLIC FOR STORM WATER PURPOSES PURPOSES

O.L. 5
DEDICATED TO THE PUBLIC FOR PARK PURPOSES

O.L. 4
DEDICATED TO THE PUBLIC FOR STORM WATER MANAGEMENT PURPOSES

O.L. 1
DEDICATED TO THE PUBLIC FOR STORM WATER MANAGEMENT PURPOSES

WALDORF BLVD.
OUT OF TIME LANE
FIRE TRACK LANE
PUBLIC ALLEY 3
PARADOX LANE
PUBLIC ALLEY 2
SPORTS ALMANAC ROAD
PUBLIC ALLEY 1
S. HIGH POINT RD
GIGAWATT DRIVE

MARK	REVISION	DATE	BY
REV1	ADDED ACCESS PATH ON OL1	---	GIT

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15668

MAINTENANCE PLAN (CITY USE ONLY)
HILL VALLEY - PHASE 1
MADISON, WI

CONTRACT NO: 9643

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MN-1