CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

Madison, Wisconsin

PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: OCTOBER 8, 2024

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Jan 21, 2025

City Engineer — Date

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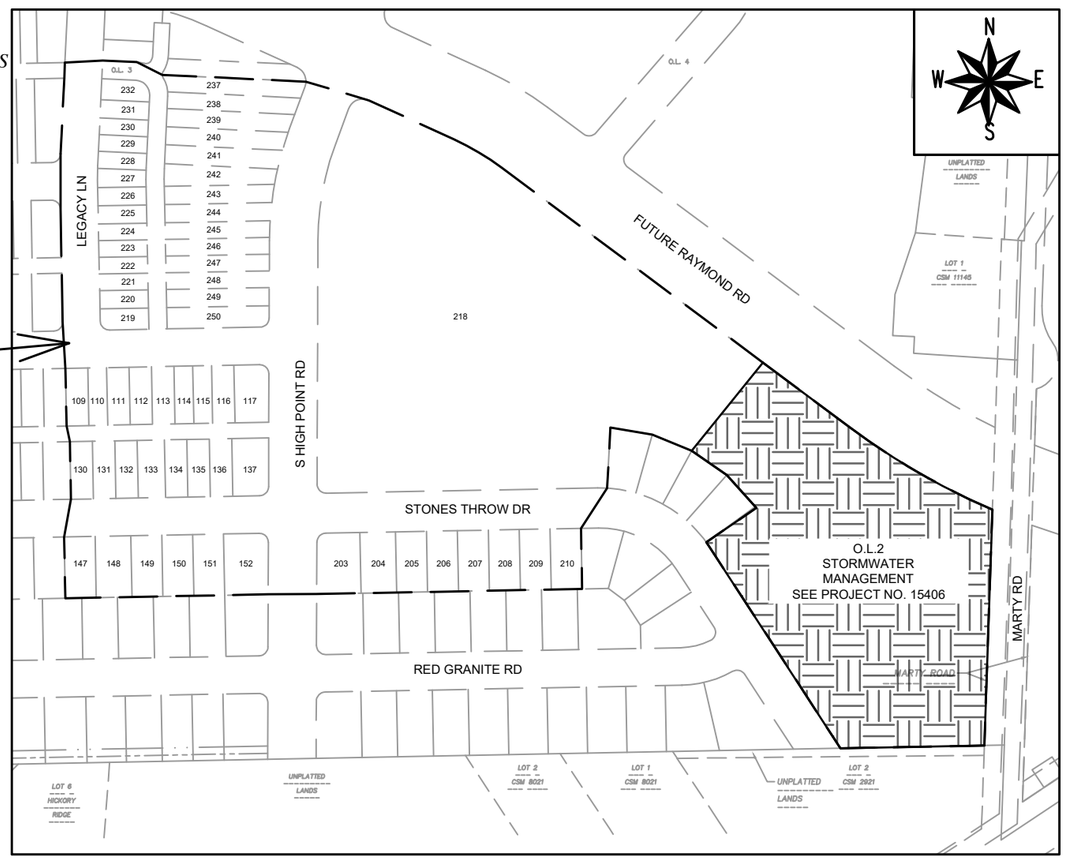
MIDPOINT MEADOWS
PHASE 1

CITY PROJECT NO. 15331
CONTRACT NO. 9538

PHASE LIMITS

REVISION #1 - 3/17/2025: FBEG
REVISION #2 - 6/4/2025: EKG
REVISION #3 - 8/11/2025: FBEG



ELECTRICAL DESIGNED BY:

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

Jan 21, 2025

STREET DESIGNED BY:

WISCONSIN — FADI B EL MUSA GONZALEZ E-47872 MADISON WI — PROFESSIONAL ENGINEER

Jan 21, 2025

GEOMETRICS AND PAVEMENT MARKINGS DESIGNED BY:

WISCONSIN — SEAN D MALLOY E-48326 MADISON WI — PROFESSIONAL ENGINEER

Jan 21, 2025

STORM SEWER DESIGNED BY:

WISCONSIN — JANET SCHMIDT E-34681 MADISON WI — PROFESSIONAL ENGINEER

Jan 21, 2025

WATER DESIGNED BY:

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

Jan 21, 2025

SANITARY SEWER DESIGNED BY:

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

Jan 21, 2025

PLOT SCALE: 1" = 1'
PLOT NAME: ---
REV. DATE: 1/9/2025 3:15 PM
ORIGINATOR: CITY_OF_MADISON

FILE NAME: M:\DESIGN\Projects\15331\CAD\Streets\15331EN-TitleSheet.dwg DATE: 1/9/2025 3:35 PM

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.

REVISION #1 - 3/ 11/ 2025: FBEG

1. CHANGED NOTE FOR PAVEMENT TYPE ON SOUTH HIGH POINT ROAD FROM TYPE 'B' TO TYPE 'C'

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 STONES THROW DRIVE, STARNOVA DRIVE, LEGACY LANE, AND WILD BLUEBELL STREET RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE SOUTH HIGH POINT ROAD, AND MID-TOWN ROAD (FUTURE) 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.

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MADISON, WI

CONTRACT NO: 9538

STANDARD NOTES

MIDPOINT MEADOWS - PHASE 1

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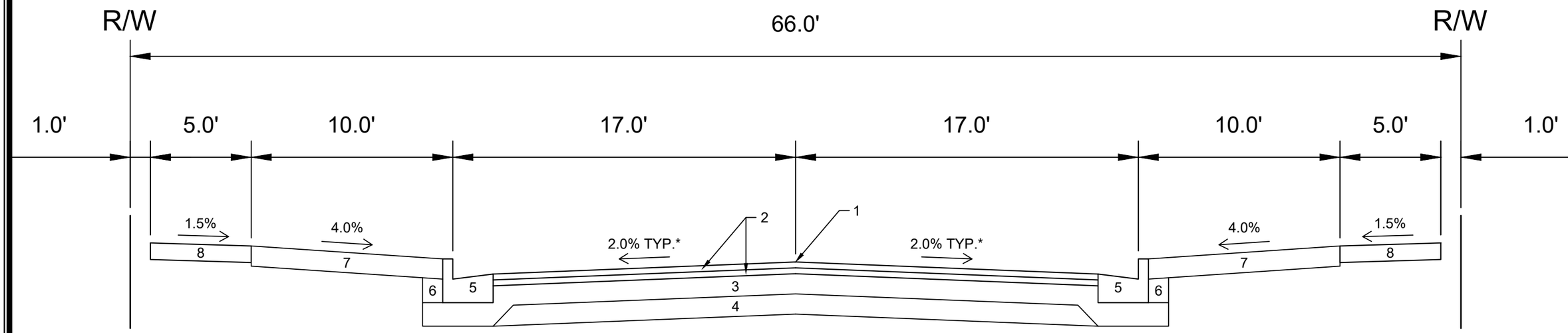
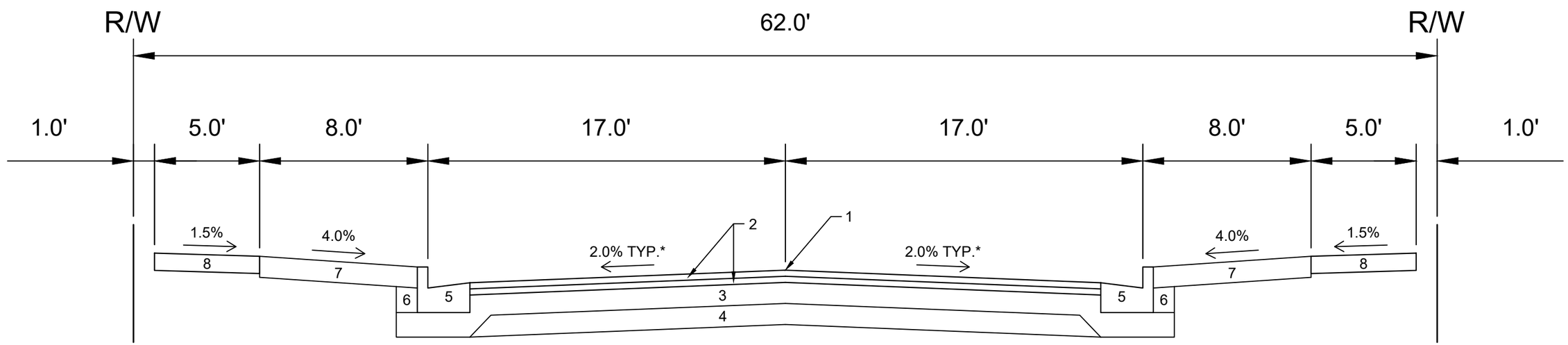


TYPICAL SECTION
STONES THROW DRIVE (EAST OF S HIGH POINT ROAD)

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES

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
STONES THROW DRIVE (WEST OF S HIGH POINT ROAD)
STARNOVA DRIVE
LEGACY LANE
WILD BLUEBELL STREET

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES

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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CONTRACT NO: 9538

MADISON, WI

MIDPOINT MEADOWS - PHASE 1

TYPICAL SECTIONS

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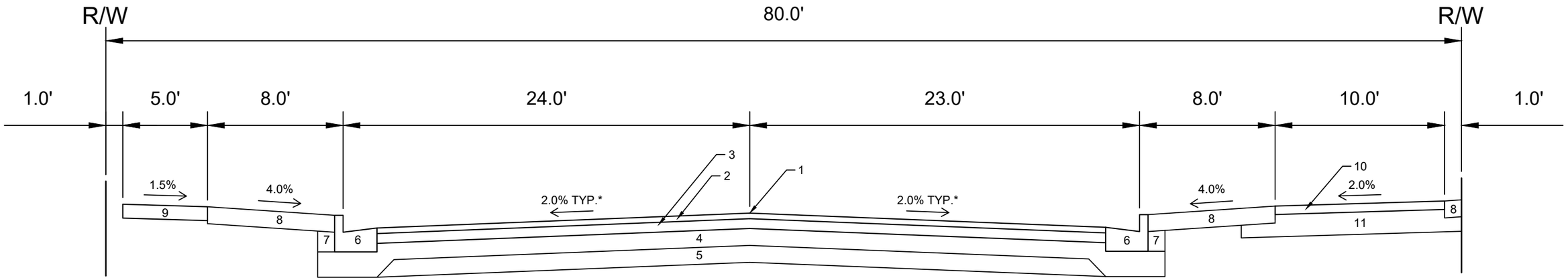
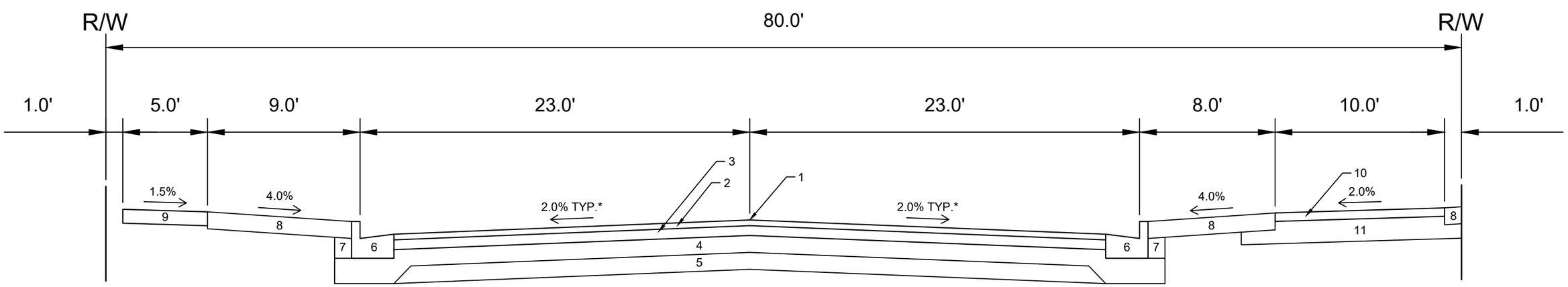


TYPICAL SECTION
S HIGH POINT ROAD
(NORTH OF STARNOVA DR)

1 POINT REFERRED TO ON PROFILE
2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6 CONCRETE CURB AND GUTTER TYPE 'A'.
7 FILL
8 6.00" TOPSOIL, SEED AND MAT
9 5.00" CONCRETE SIDEWALK
10 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
11 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES



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

1 POINT REFERRED TO ON PROFILE
2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6 CONCRETE CURB AND GUTTER TYPE 'A'.
7 FILL
8 6.00" TOPSOIL, SEED AND MAT
9 5.00" CONCRETE SIDEWALK
10 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
11 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES

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MADISON, WI

CONTRACT NO: 9538

TYPICAL SECTIONS

MIDPOINT MEADOWS - PHASE 1

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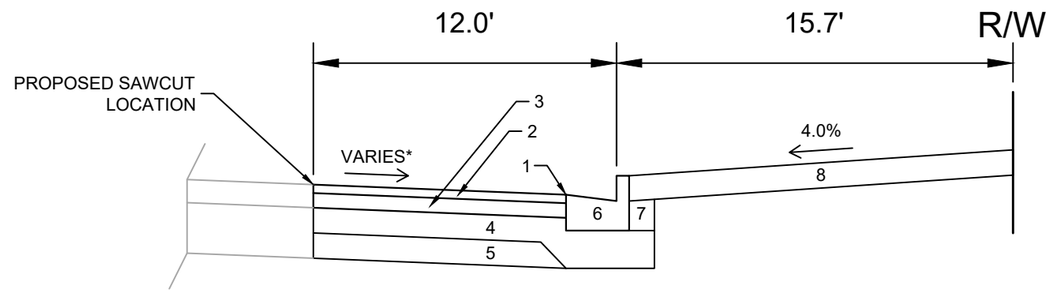
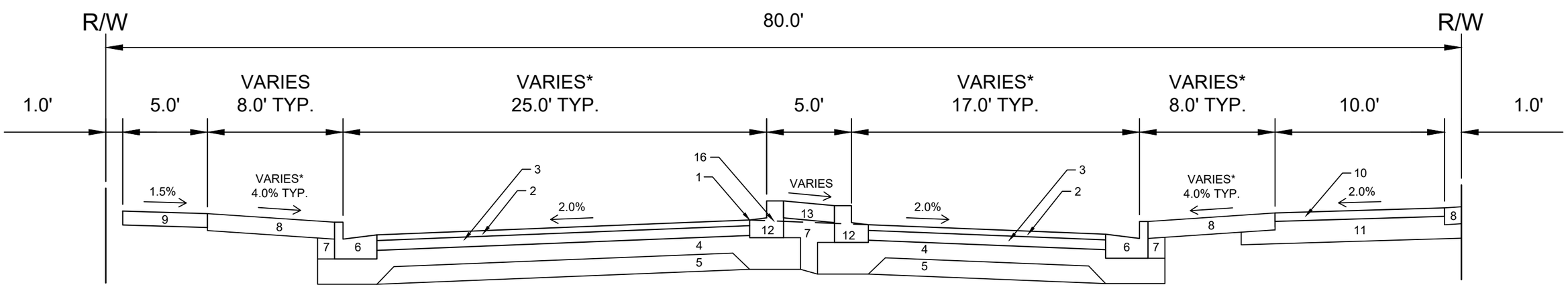


TYPICAL SECTION
MID TOWN ROAD (EXISTING)

1 POINT REFERRED TO ON PROFILE
2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6 CONCRETE CURB AND GUTTER TYPE 'A'.
7 FILL
8 6.00" TOPSOIL, SEED AND MAT

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES



TYPICAL SECTION
S HIGH POINT ROAD
(STA 107+91 TO MID TOWN RD)

1 POINT REFERRED TO ON PROFILE
2 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
3 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6 CONCRETE CURB AND GUTTER TYPE 'A'
7 FILL
8 6.00" TOPSOIL, SEED AND MAT
9 5.00" CONCRETE SIDEWALK
10 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
11 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
12 CONCRETE CURB AND GUTTER TYPE 'E'
13 5" CONCRETE MEDIAN

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES

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CONTRACT NO: 9538

TYPICAL SECTIONS

MIDPOINT MEADOWS - PHASE 1

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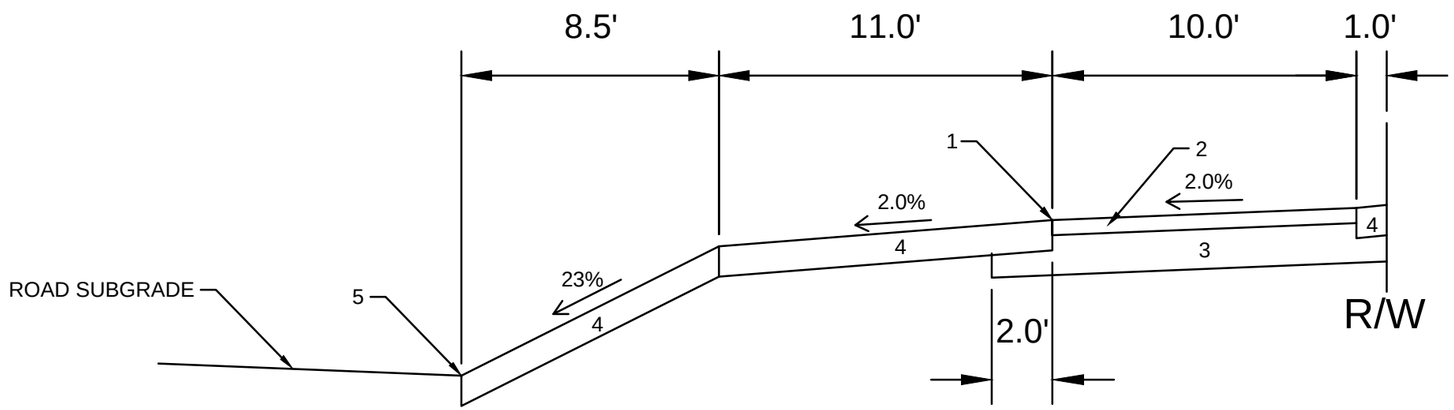
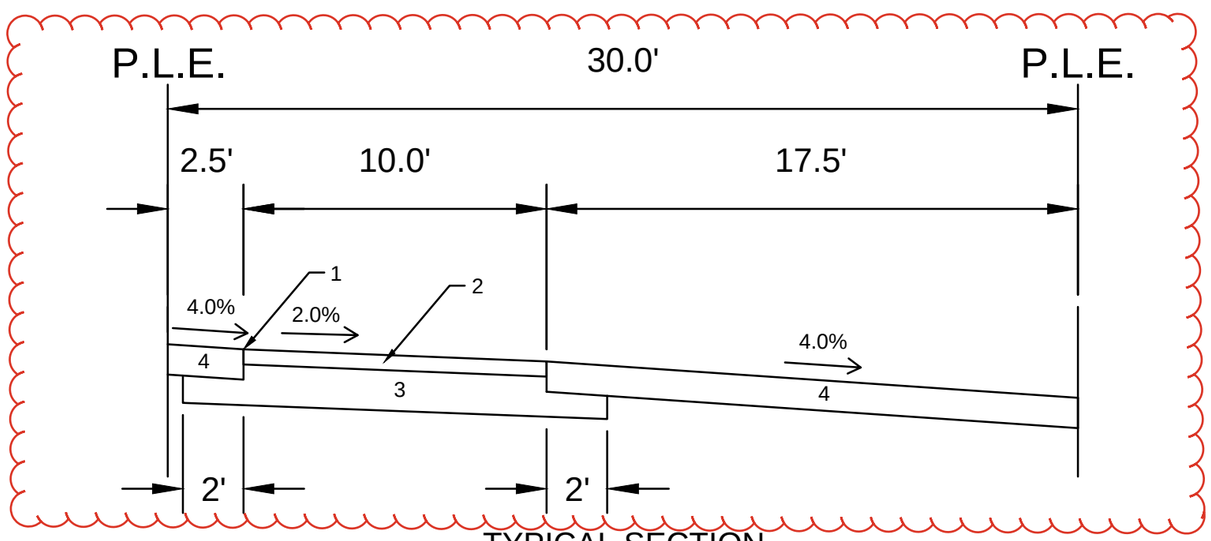


TYPICAL SECTION
SHARED USE PATH
ALONG FUTURE RAYMOND RD
ADJACENT TO LOT 218

1 POINT REFERRED TO ON PROFILE
2 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
3 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6.00" TOPSOIL, SEED AND MAT
5 SLOPE INTERCEPT FUTURE ROAD SUBGRADE

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES



TYPICAL SECTION
PUBLIC EASEMENT ALONG
LOTS 250 - 237

1 POINT REFERRED TO ON PROFILE
2 3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
3 8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
4 6.00" TOPSOIL, SEED AND MAT

REVISION #1 - 3/ 11/ 2025: FBEG

1. PLAN REVISED TO CHANGE 5' WIDE CONCRETE SIDEWALK TO A 10' WIDE ASPHALT PATH, REPLACED GRAVEL PATH WITH 6" TOPSOIL, SEED, & MAT. MERGED 2 EASEMENTS INTO 1 30' WIDE.

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES

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MADISON, WI

CONTRACT NO: 9538

TYPICAL SECTIONS

MIDPOINT MEADOWS - PHASE 1

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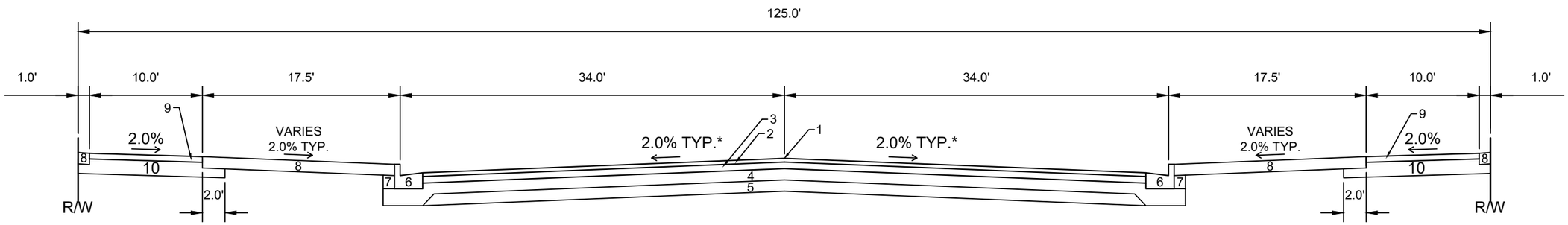

TYPICAL SECTION
MIDTOWN ROAD (FUTURE)

SPECIAL NOTES:

*SEE P & X SHEETS FOR VARYING CROSS SLOPES

1	POINT REFERRED TO ON PROFILE
2	2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
3	3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
4	6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2
5	6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1
6	CONCRETE CURB AND GUTTER TYPE 'A'.
7	FILL
8	6.00" TOPSOIL, SEED AND MAT
9	3.00" H.M.A. PAVEMENT- TYPE 4 LT 58-28 S
10	8.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2

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MADISON, WI

CONTRACT NO: 9538

TYPICAL SECTIONS

MIDPOINT MEADOWS - PHASE 1

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CITY OF MADISON WISCONSIN

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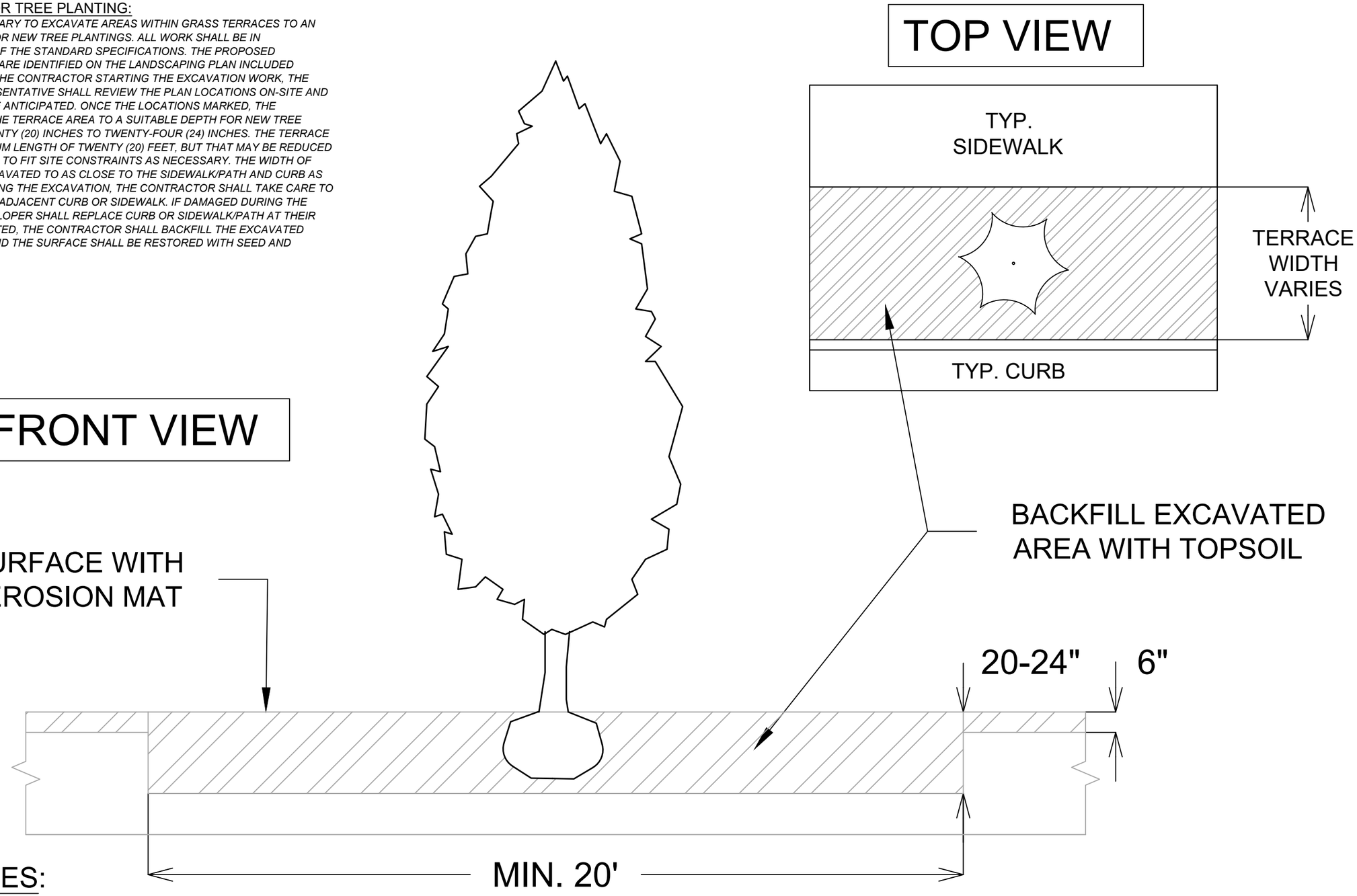
TERRACE EXCAVATION FOR TREE PLANTING:

THIS INCLUDES ALL WORK NECESSARY TO EXCAVATE AREAS WITHIN GRASS TERRACES TO AN APPROPRIATE DEPTH SUITABLE FOR NEW TREE PLANTINGS. ALL WORK SHALL BE IN ACCORDANCE WITH ARTICLE 201 OF THE STANDARD SPECIFICATIONS. THE PROPOSED LOCATIONS FOR TREE PLANTINGS ARE IDENTIFIED ON THE LANDSCAPING PLAN INCLUDED WITHIN THIS PLAN SET. PRIOR TO THE CONTRACTOR STARTING THE EXCAVATION WORK, THE ENGINEER AND FORESTRY REPRESENTATIVE SHALL REVIEW THE PLAN LOCATIONS ON-SITE AND CONFIRM THAT NO CONFLICTS ARE ANTICIPATED. ONCE THE LOCATIONS MARKED, THE CONTRACTOR SHALL EXCAVATE THE TERRACE AREA TO A SUITABLE DEPTH FOR NEW TREE PLANTINGS, APPROXIMATELY TWENTY (20) INCHES TO TWENTY-FOUR (24) INCHES. THE TERRACE SHALL BE EXCAVATED TO A MINIMUM LENGTH OF TWENTY (20) FEET, BUT THAT MAY BE REDUCED BY THE CONSTRUCTION ENGINEER TO FIT SITE CONSTRAINTS AS NECESSARY. THE WIDTH OF THE TERRACE SHALL ALSO BE EXCAVATED TO AS CLOSE TO THE SIDEWALK/PATH AND CURB AS IS REASONABLE. WHILE PERFORMING THE EXCAVATION, THE CONTRACTOR SHALL TAKE CARE TO NOT UNDERMINE OR DAMAGE THE ADJACENT CURB OR SIDEWALK. IF DAMAGED DURING THE EXCAVATION PROCESS, THE DEVELOPER SHALL REPLACE CURB OR SIDEWALK/PATH AT THEIR COST. ONCE THE AREA IS EXCAVATED, THE CONTRACTOR SHALL BACKFILL THE EXCAVATED AREA WITH REGULAR TOPSOIL), AND THE SURFACE SHALL BE RESTORED WITH SEED AND EROSION MAT.



SPECIAL NOTES:

REFER TO S.D.D. 2.01 FOR STANDARD PLANTING TECHNIQUE FOR TREES IN TURF AREAS.

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MADISON, WI

CONTRACT NO: 9538

TERRACE EXCAVATION DETAIL

MIDPOINT MEADOWS - PHASE 1

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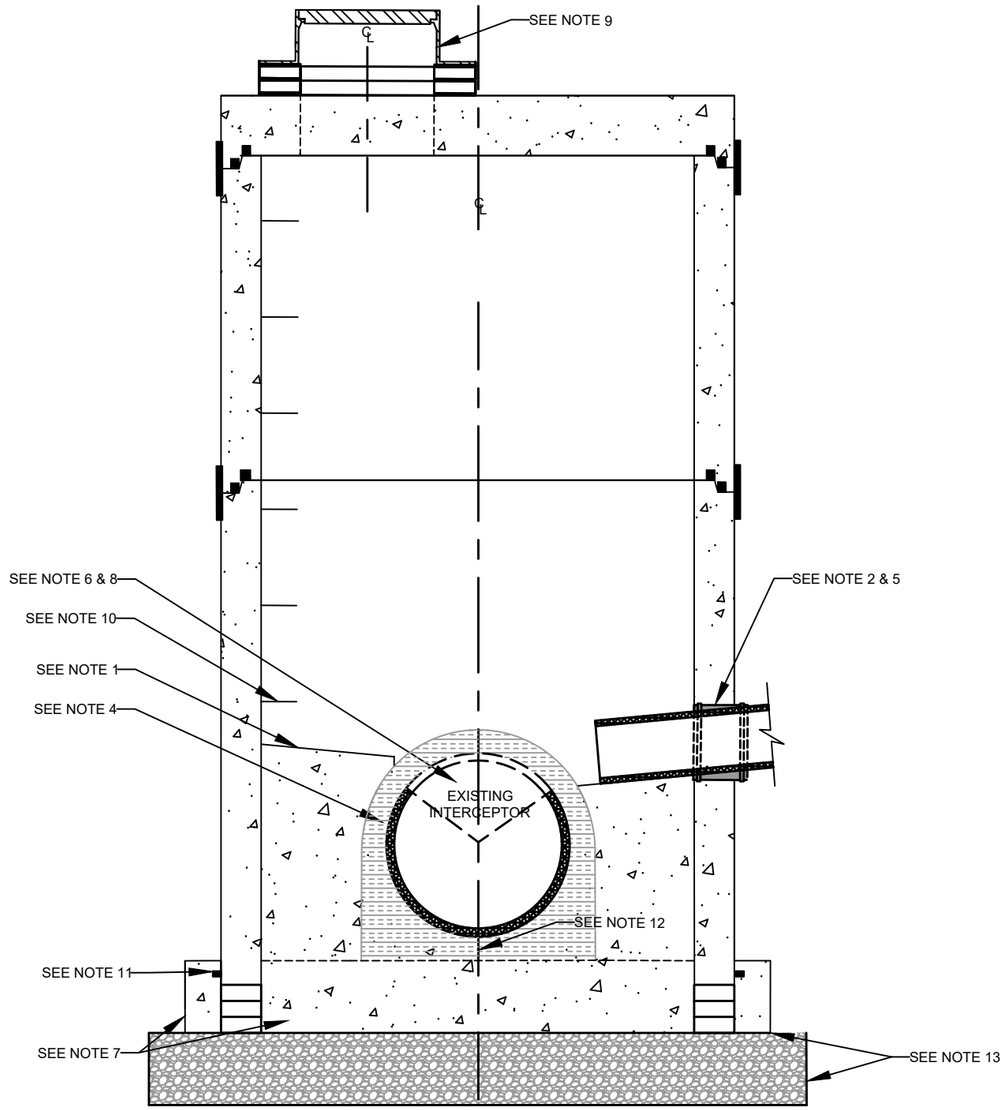

NOTES:

1. MANHOLE & BENCH SHALL BE **PER SHEET SD-101.**
2. A DROP CONNECTION IS REQUIRED IF THE INVERT ELEVATION OF THE ENTERING SEWER IS 2-FT OR MORE ABOVE THE SPRING LINE OF THE OUTGOING SEWER. SEE **SHEET SD-104** FOR INSIDE DROP AND **SHEET SD-105** FOR OUTSIDE DROP CONNECTIONS.
3. MANHOLE MUST BE INSPECTED AND APPROVED BY THE DISTRICT. CALL 608-222-1201 THREE DAYS PRIOR TO MANHOLE INSTALLATION.
4. -INDOGHOUSE-IN OPENING SHALL BE WATERTIGHT WITH VOID BETWEEN MANHOLE AND EXISTING PIPE FILLED WITH NON-SHRINK GROUT. INSTALL CONTINUOUS SWELLING WATERSTOP (ADEKA OR SIKASWELL OR EQUAL) AROUND PIPE, BASE SLAB, AND AROUND THE DOGHOUSE OPENING AT THE CENTER OF THE WALL PRIOR TO GROUTING.
5. WATERTIGHT RESILIENT CONNECTOR FOR PRECAST MANHOLE.
6. SUPPORT STRUCTURE & EXISTING PIPE AS NECESSARY DURING CONSTRUCTION. CONTRACTOR TO PROVIDE CONTINUOUS FLOW THROUGHOUT WORK.
7. CONCRETE BASE TO BE POURED IN-PLACE & VIBRATED. REBAR NOT SHOWN AND TO BE DESIGNED BY ENGINEERING CONSULTANT.
8. IF SAWCUTTING A SECTION OF EXISTING PIPE, REMOVE A LENGTH OF 3.5-FT, UNLESS OTHERWISE DIRECTED. USE MEANS NECESSARY TO ASSURE DEBRIS DOES NOT ENTER SEWER.
9. CHIMNEY, FRAME, STEP, & COVER **PER SHEET SD-201.**
10. CHIMNEY AND STEPS SHALL BE PLACED TO AVOID CONFLICT WITH CONNECTIONS.
11. SWELLING WATERSTOP (ADEKA OR SIKASWELL OR EQUAL) TO BE PLACED AT PRECAST FACE PRIOR TO POURING BASE, PROVIDE COVER ON WATERSTOP PER MANUFACTURER-FTS RECOMMENDATIONS.
12. BETWEEN PIPE OPENINGS, POUR BENCH AROUND BOTTOM OF PIPE AFTER BASE HAS BEEN INSTALLED. PIPE SUPPORT FOR BENCH SHALL NOT ALIGN WITH PREVIOUS POUR SEAM. REPOSITION SUPPORTS AS NEEDED FOR BENCH POUR TO ACHIEVE SEPARATE SEAM.
13. 1-FT MIN. COMPACTED BEDDING, EXTEND EXISTING IF NEEDED.

SAS#1 NOTES:

1) SAS#1 TO BE CONSTRUCTED TO MMSD DOGHOUSE MANHOLE STANDARD DETAIL DRAWING SHOWN ON SHEET D-8.

2) CONTRACTOR SHALL CONTACT RAY SCHNEIDER AT (608) 347-3628 OR RAYS@MADSEWER.ORG FIVE DAYS PRIOR TO MAKING THE CONNECTION TO MMSD SEWER MAIN TO ARRANGE INSPECTION OF SAS#1 INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT, PERMIT FEE, AND MEETING ALL MMSD PERMIT REQUIREMENTS.

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Designed By: EKG
Date: 9/4/2024 2:43PM
Scale: ######

15331

MADISON, WI

CONTRACT NO: 9538

MMSD STRUCTURE DETAILS

MIDPOINT MEADOWS PHASE 1

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15331

D-8

LEGEND

SURFACE PAVING BY DEVELOPER UNDER CONTRACT NO. 9539

PHASE 1 BOUNDARY

MID TOWN ROAD

S. HIGH POINT ROAD

PUBLIC ALLEY

LEGACY LANE

WILD BLUEBELL STREET

STARNOVA DRIVE

STONES THROW DRIVE

RIDGEMONT ROAD

MARTY ROAD

O.L. 2
PUBLIC STORMWATER MANAGEMENT
SEE CITY ISSUED PLAN 15406

RED GRANITE ROAD

FIELD DAISY WAY

HICKORY RIDGE ROAD

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Designed By: FBEG Date: 11/16/2024 7:26 AM Scale: ########

15331

O-1

15331

MADISON, WI

CONTRACT NO: 9538

OVERVIEW PLAN

MIDPOINT MEADOWS - PHASE 1

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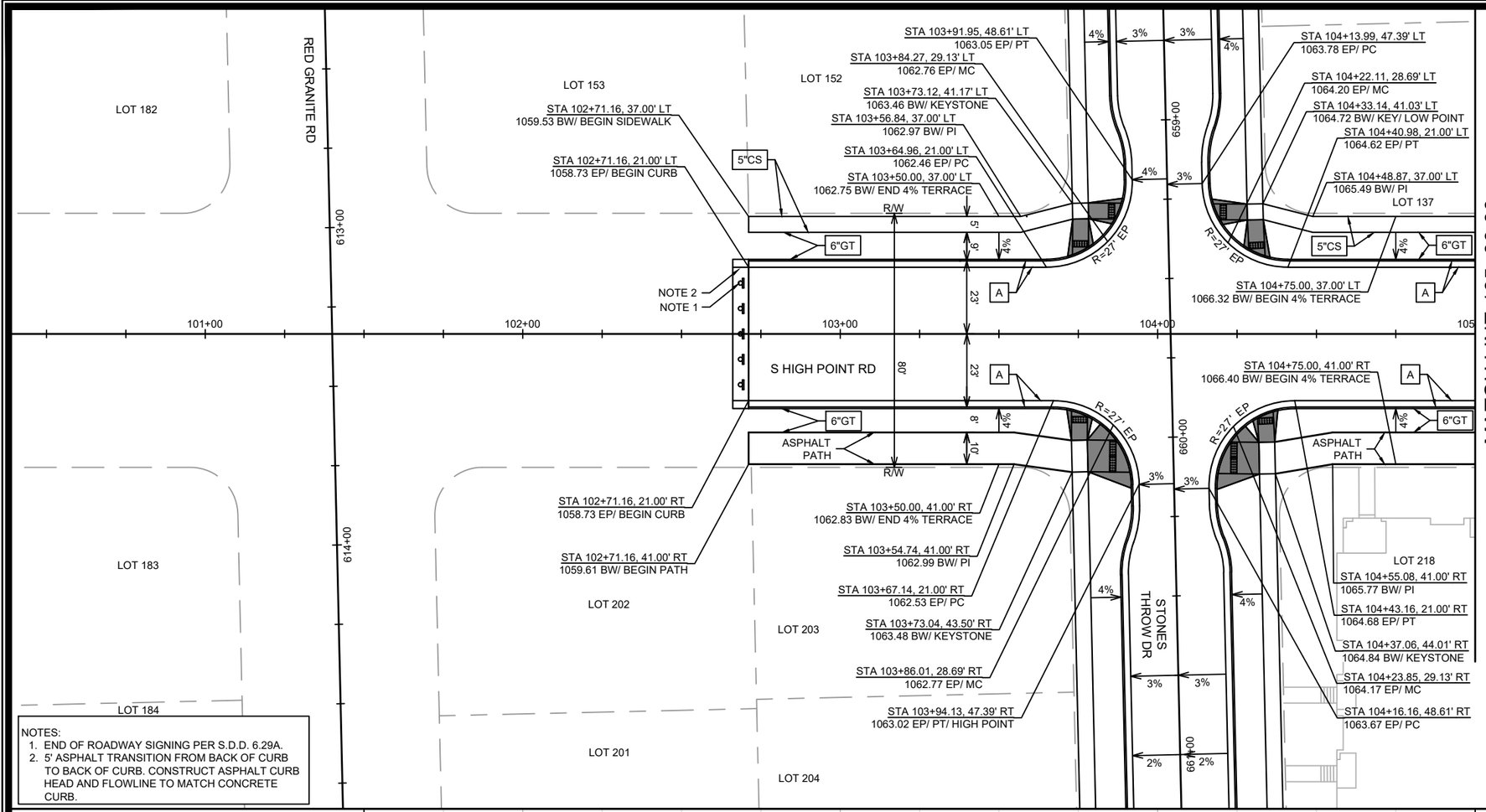
15331

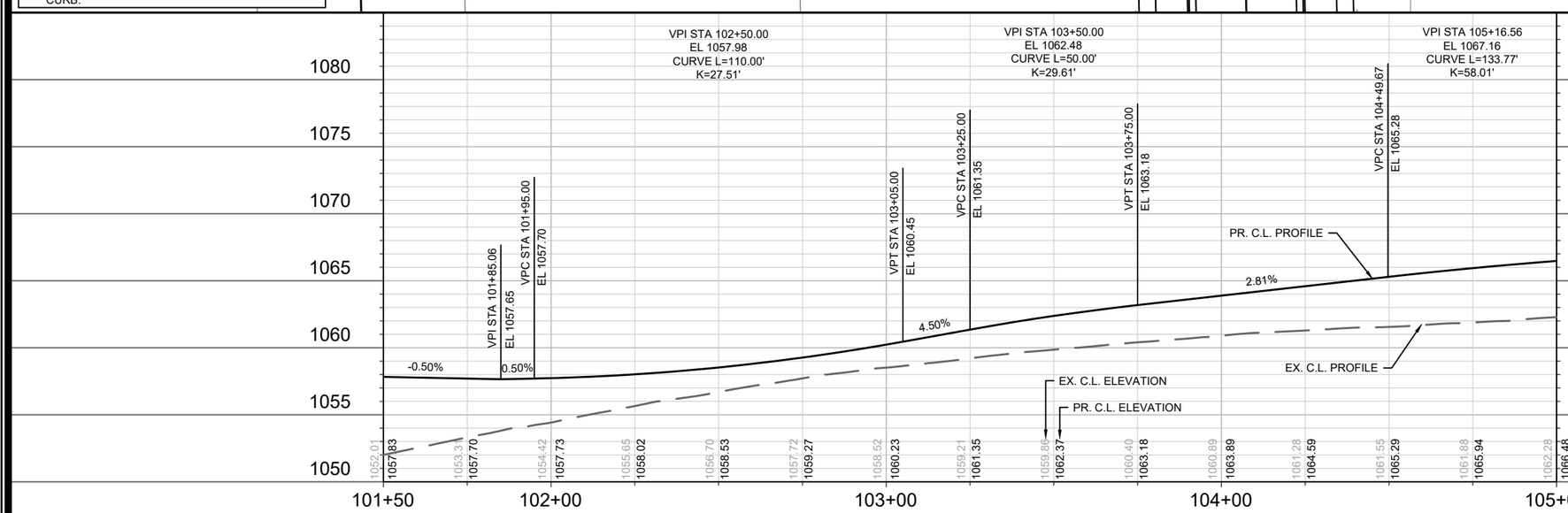
O-1



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

LEGEND

5"CS	5-INCH CONCRETE SIDEWALK
6"GT	6-INCH GRASS TERRACE
A	TYPE 'A' CONCRETE CURB & GUTTER
	7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
	2' X 5' DETECTABLE WARNING FIELD



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Designed By: FBEG Date: 1/17/2025 10:24 AM Scale: 1" = 40'

15331

P-1

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

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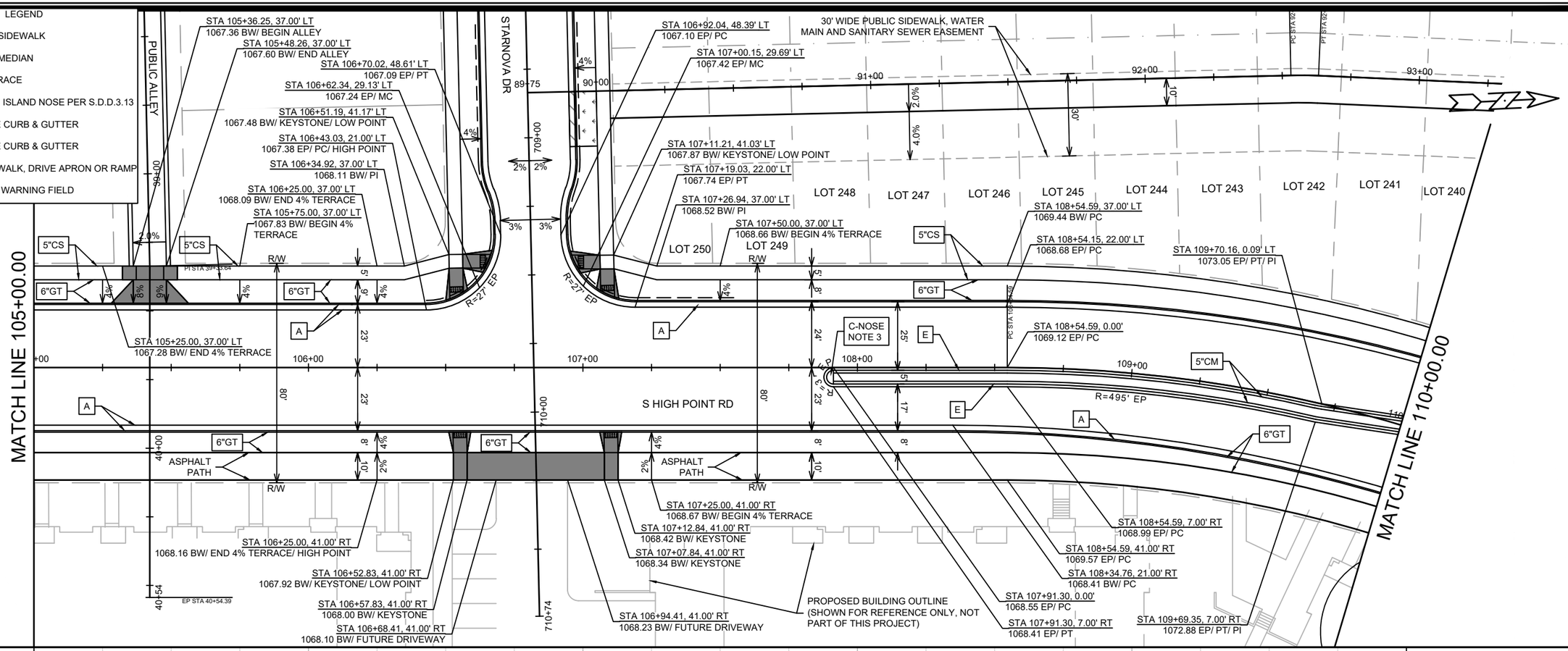
CITY OF MADISON WISCONSIN

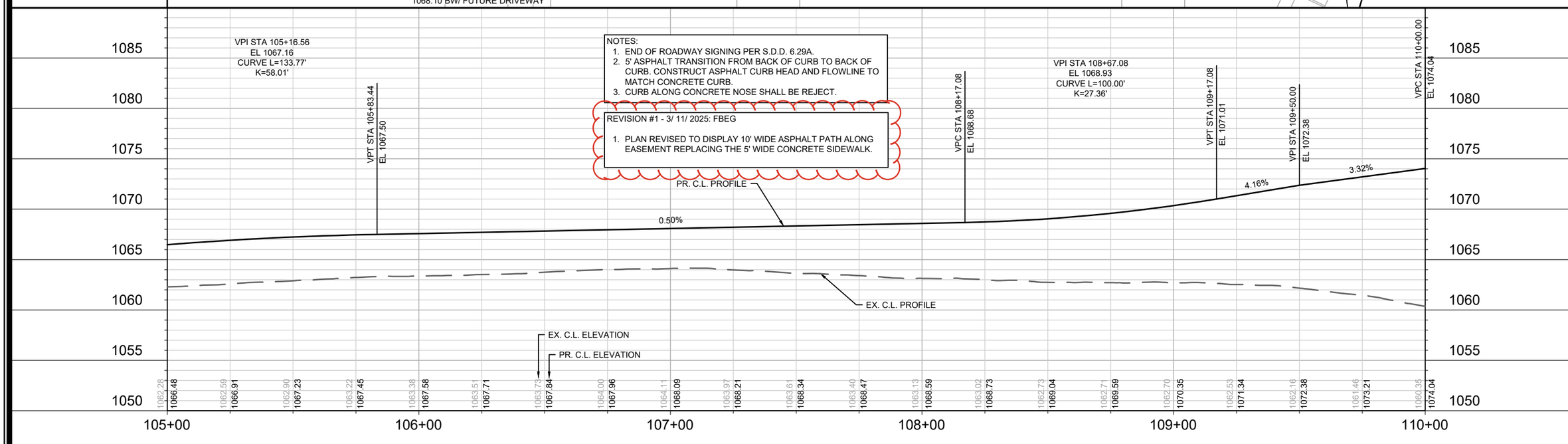
15331

P-1

LEGEND

- 5"CS — 5-INCH CONCRETE SIDEWALK
- 5"CM — 5-INCH CONCRETE MEDIAN
- 6"GT — 6-INCH GRASS TERRACE
- C-NOSE — CONCRETE MEDIAN ISLAND NOSE PER S.D.D.3.13
- A — TYPE 'A' CONCRETE CURB & GUTTER
- E — TYPE 'E' CONCRETE CURB & GUTTER
- 7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
- 2' X 5' DETECTABLE WARNING FIELD





NOTES:

1. END OF ROADWAY SIGNING PER S.D.D. 6.29A.
2. 5' ASPHALT TRANSITION FROM BACK OF CURB TO BACK OF CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
3. CURB ALONG CONCRETE NOSE SHALL BE REJECT.

REVISION #1 - 3/ 11/ 2025: FBEG

1. PLAN REVISED TO DISPLAY 10' WIDE ASPHALT PATH ALONG EASEMENT REPLACING THE 5' WIDE CONCRETE SIDEWALK.

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Designed By: FBEG Date: 3/11/2025 9:55 PM Scale: 1" = 40'

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

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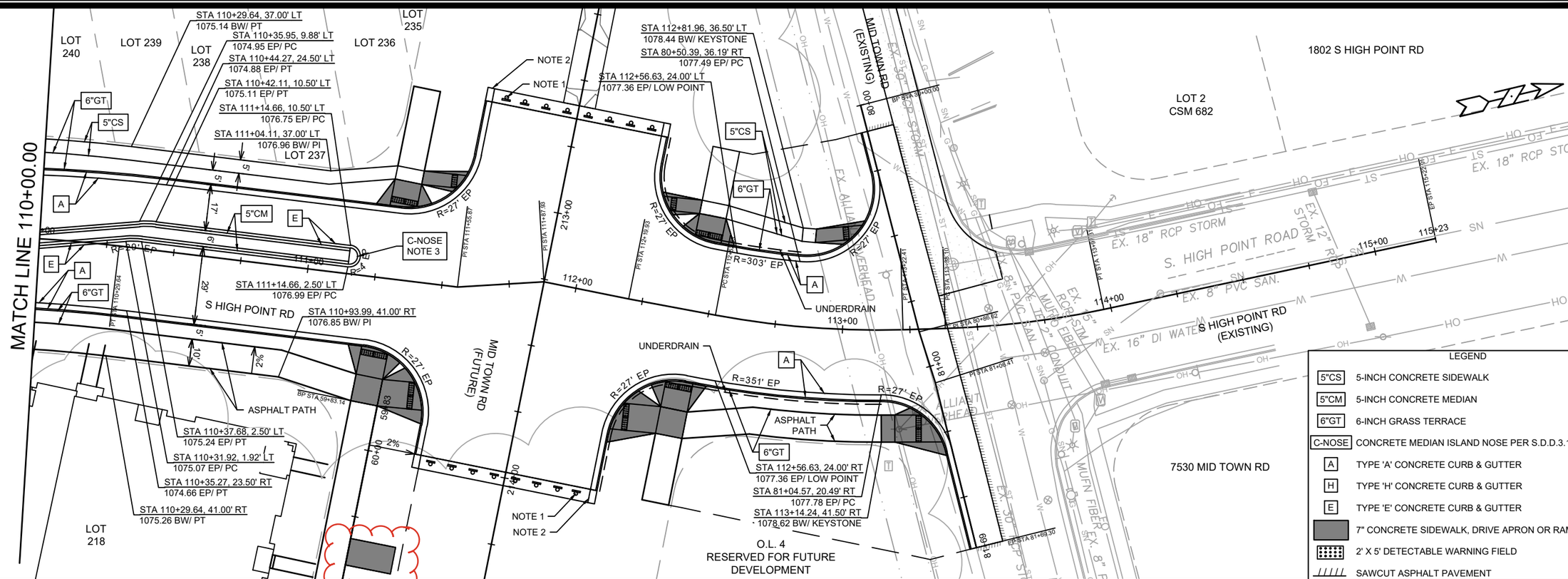
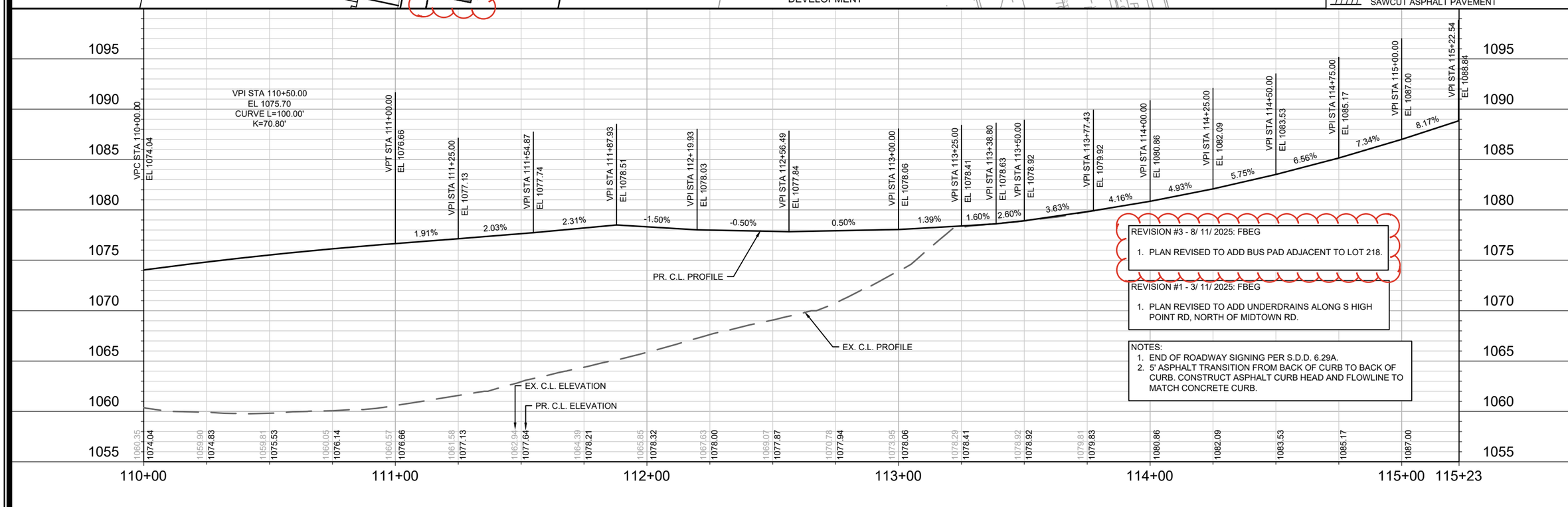
15331

P-2





REVISION #3 - 8/ 11/ 2025: FBEG

1. PLAN REVISED TO ADD BUS PAD ADJACENT TO LOT 218.

REVISION #1 - 3/ 11/ 2025: FBEG

1. PLAN REVISED TO ADD UNDERDRAINS ALONG S HIGH POINT RD, NORTH OF MIDTOWN RD.

NOTES:

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

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Designed By: FBEG | Date: 8/11/2025 9:41 AM | Scale: 1" = 40'

P-3

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

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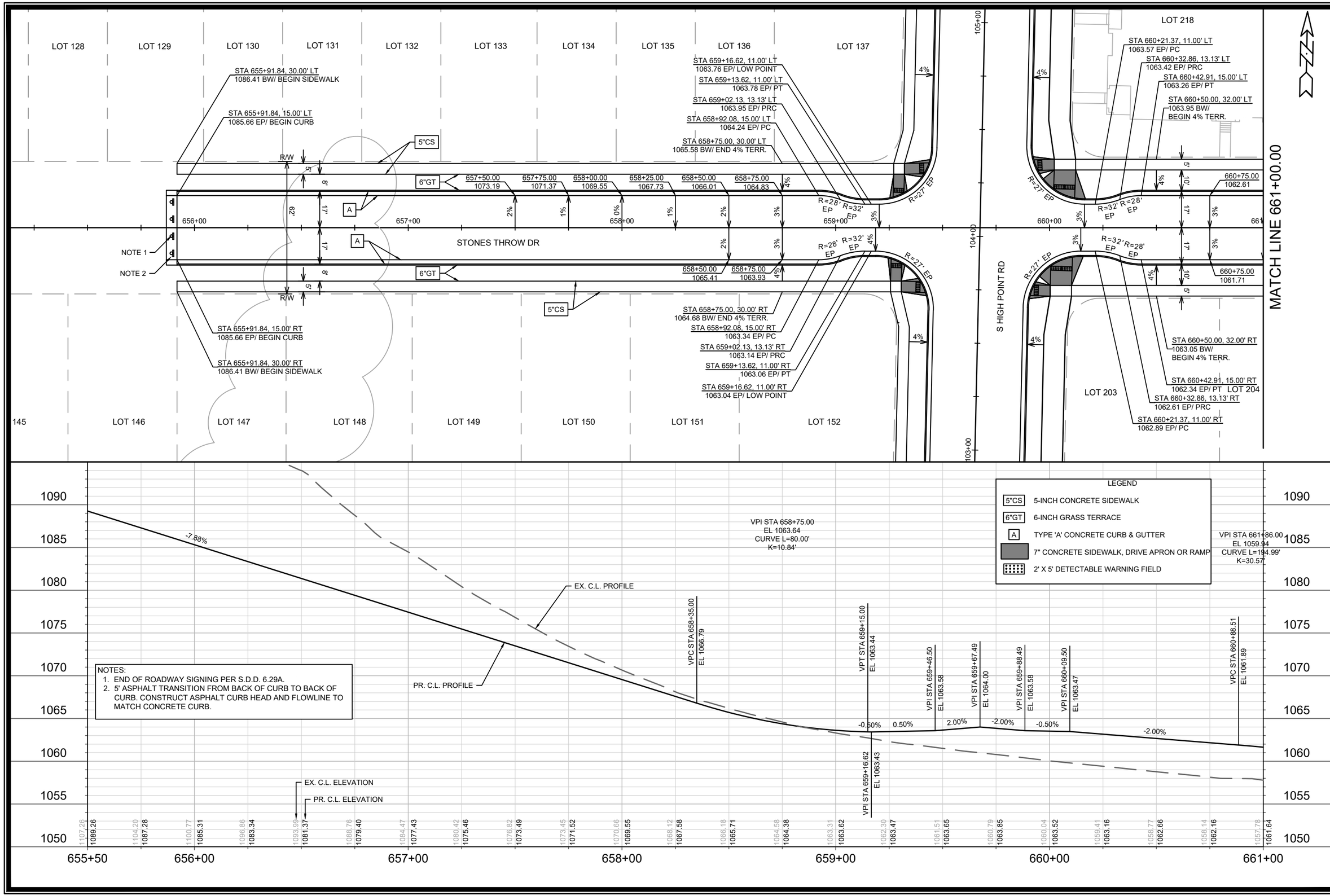
15331

P-3



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

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Designed By: FBEG Date: 1/17/2025 10:25 AM Scale: 1" = 40'

15331

P-4

PLAN & PROFILE - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

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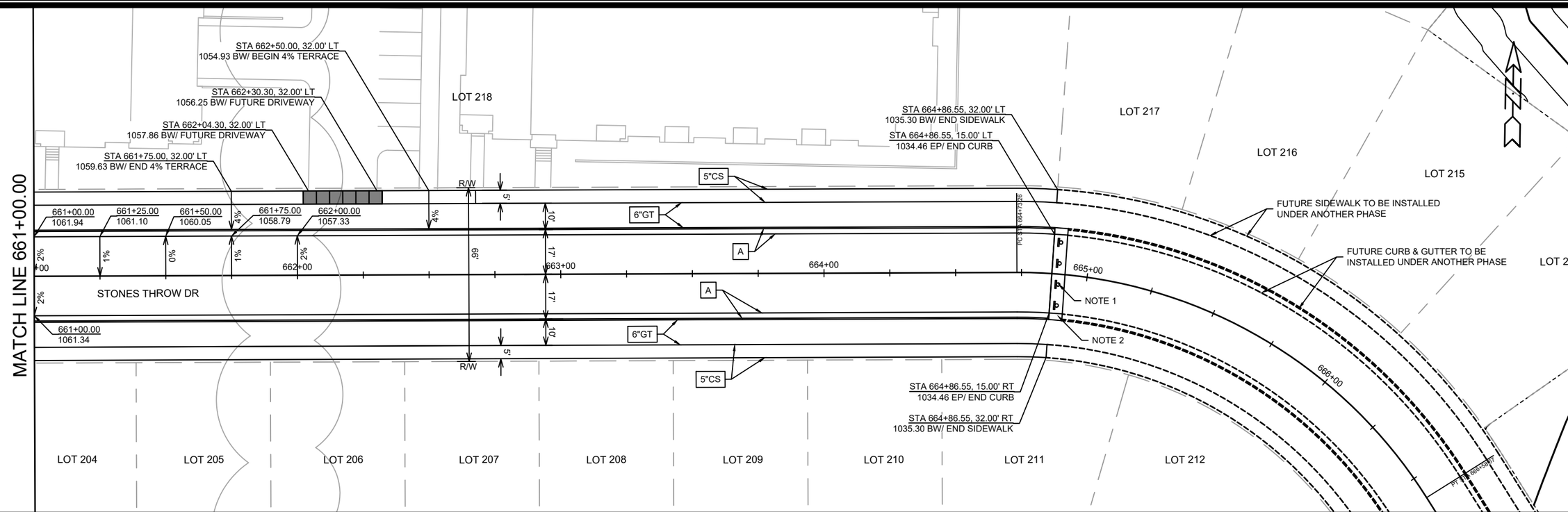
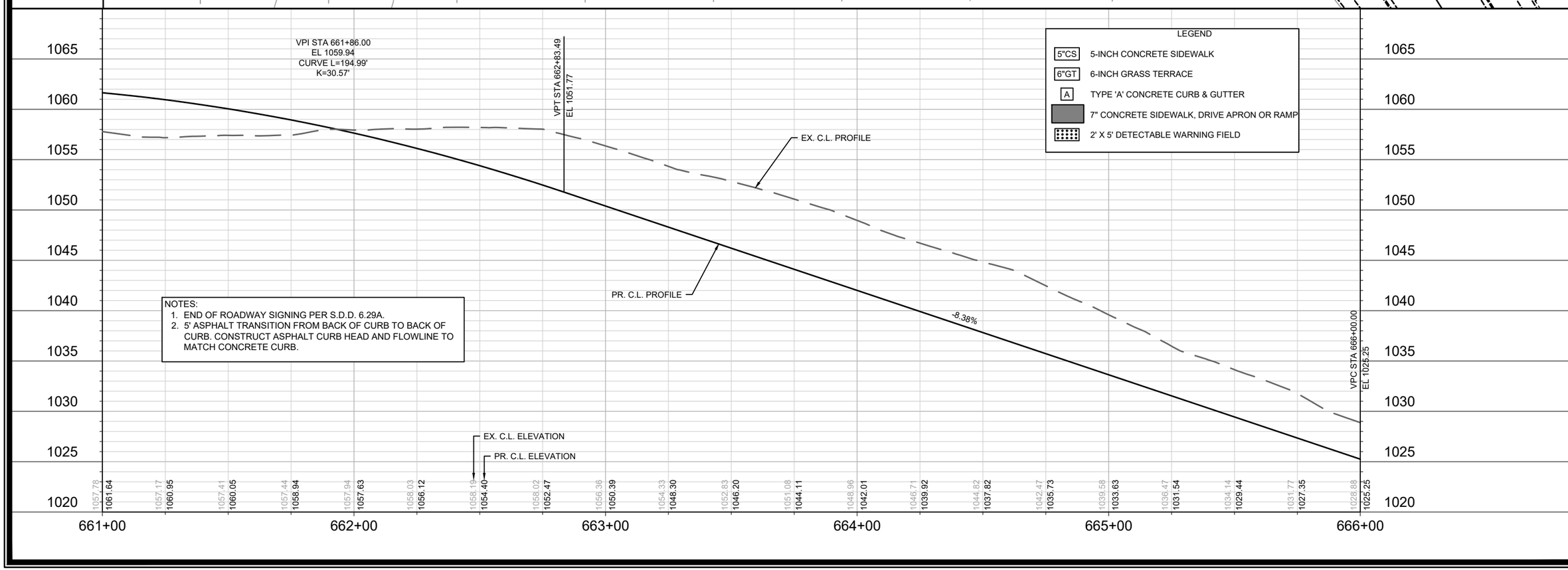
MADISON, WI

CONTRACT NO: 9538

15331

P-4





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Designed By: FBEG Date: 1/17/2025 10:25 AM Scale: 1" = 40'

P-5

15331

MADISON, WI

9538

CONTRACT NO:

PLAN & PROFILE - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

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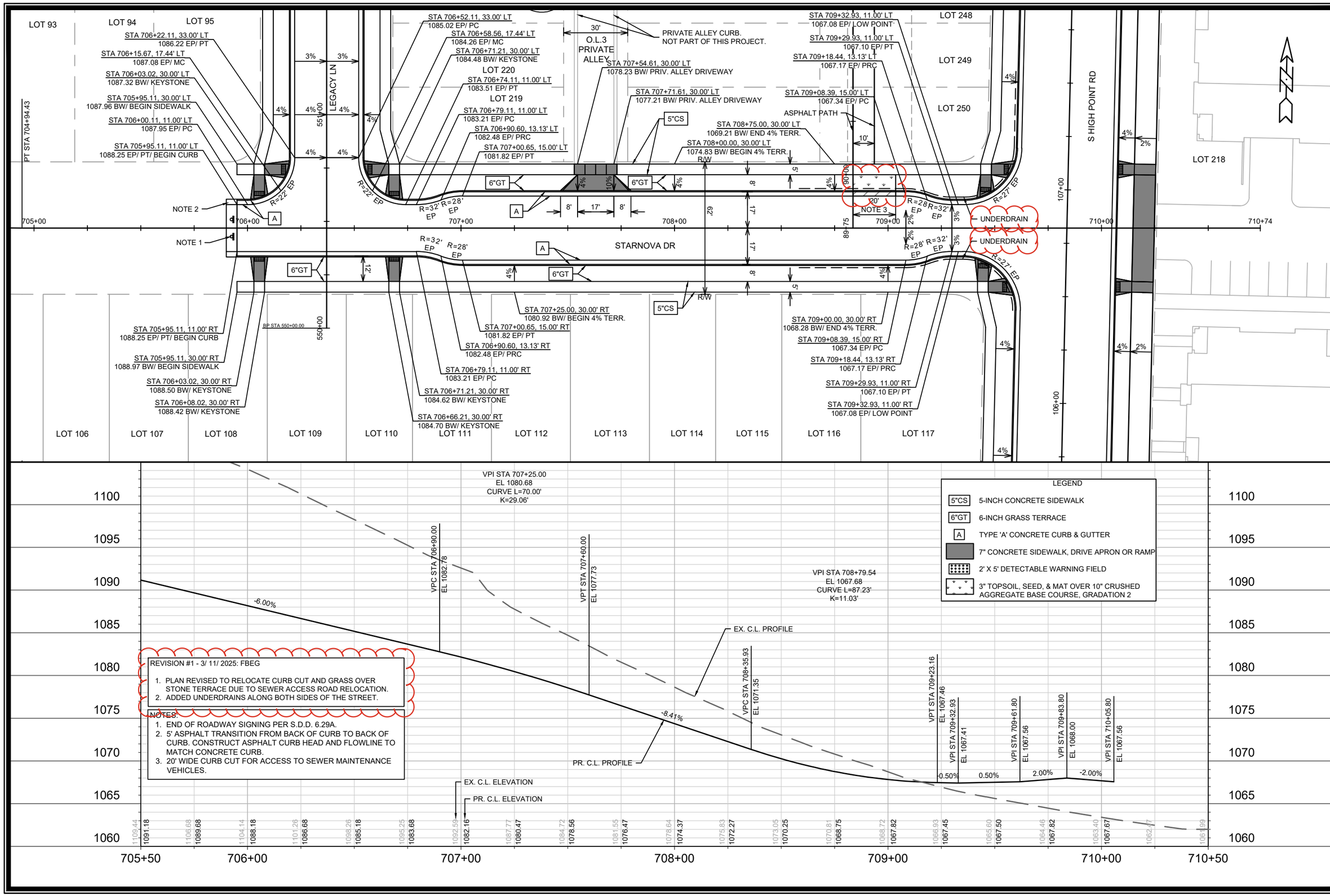
15331

P-5



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15331

MADISON, WI

9538

CONTRACT NO:

PLAN & PROFILE - STARNOVA DR

MIDPOINT MEADOWS - PHASE 1

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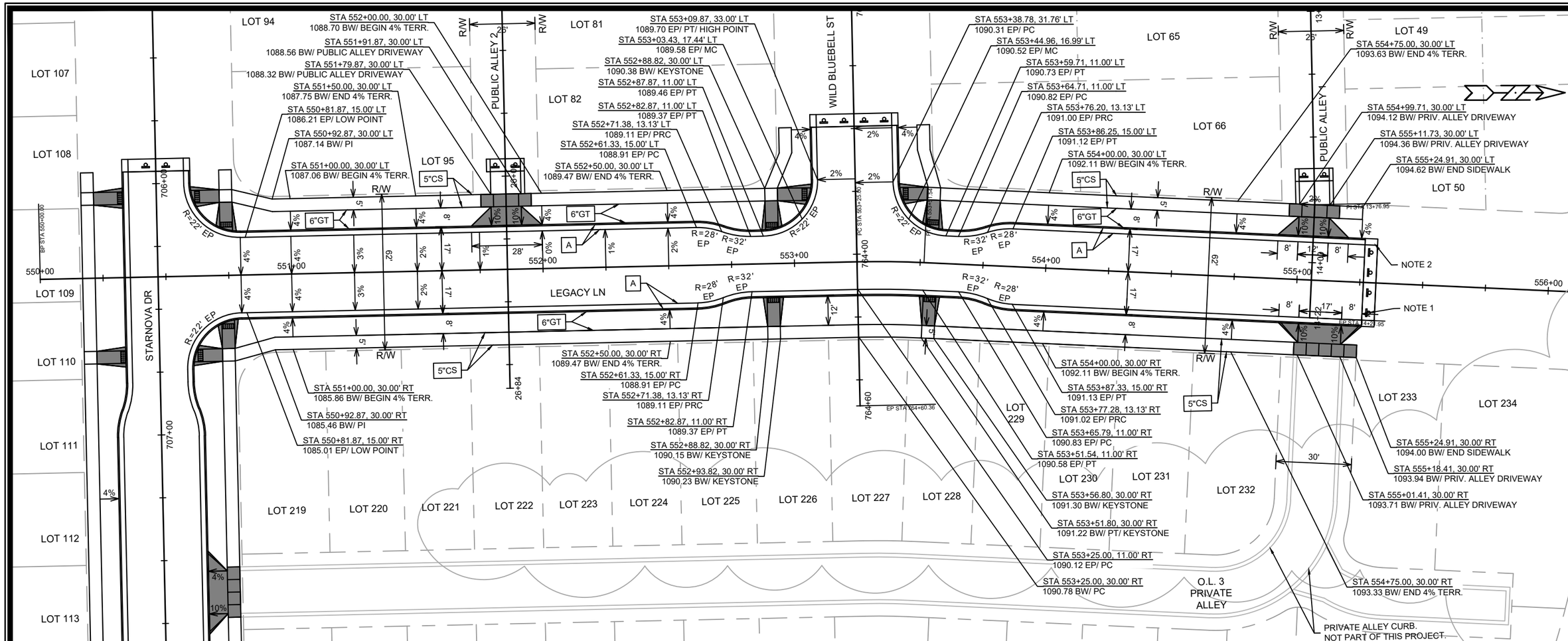
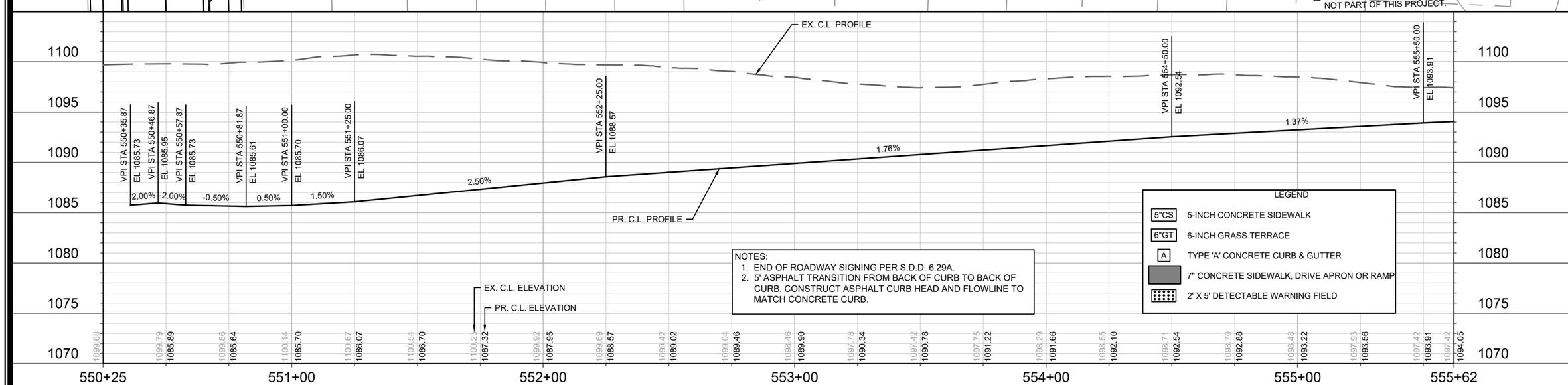
15331

P-6





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

LEGEND

5"CS	5-INCH CONCRETE SIDEWALK
6"GT	6-INCH GRASS TERRACE
A	TYPE 'A' CONCRETE CURB & GUTTER
	7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
	2' X 5' DETECTABLE WARNING FIELD

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P-7

15331

MADISON, WI

9538

CONTRACT NO:

PLAN & PROFILE - LEGACY LN

MIDPOINT MEADOWS - PHASE 1

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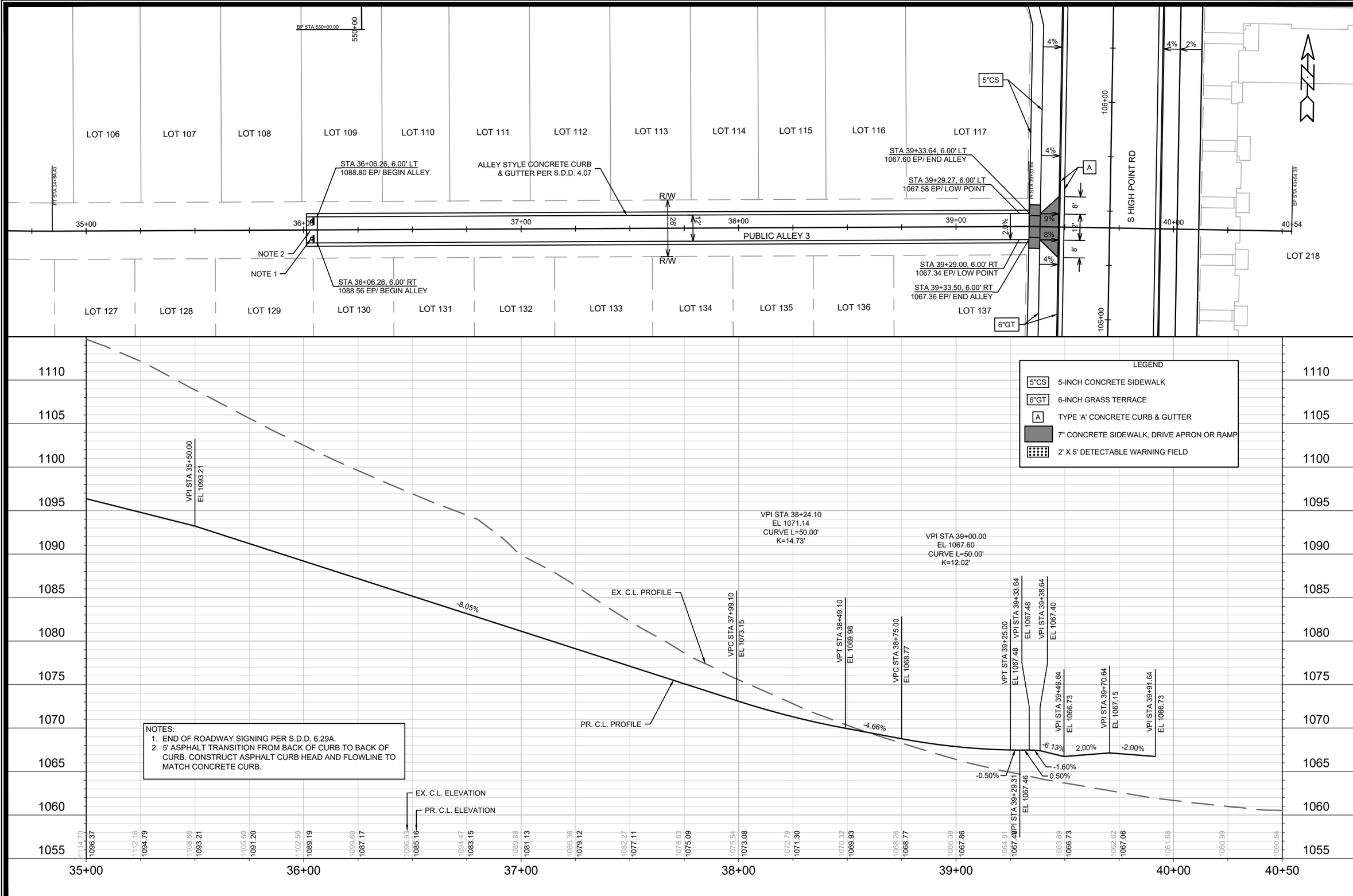
CITY OF MADISON WISCONSIN

15331

P-7



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

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Designed By: FBEG Date: 1/17/2025 10:26 AM Scale: 1" = 40'

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - PUBLIC ALLEY 3

MIDPOINT MEADOWS - PHASE 1

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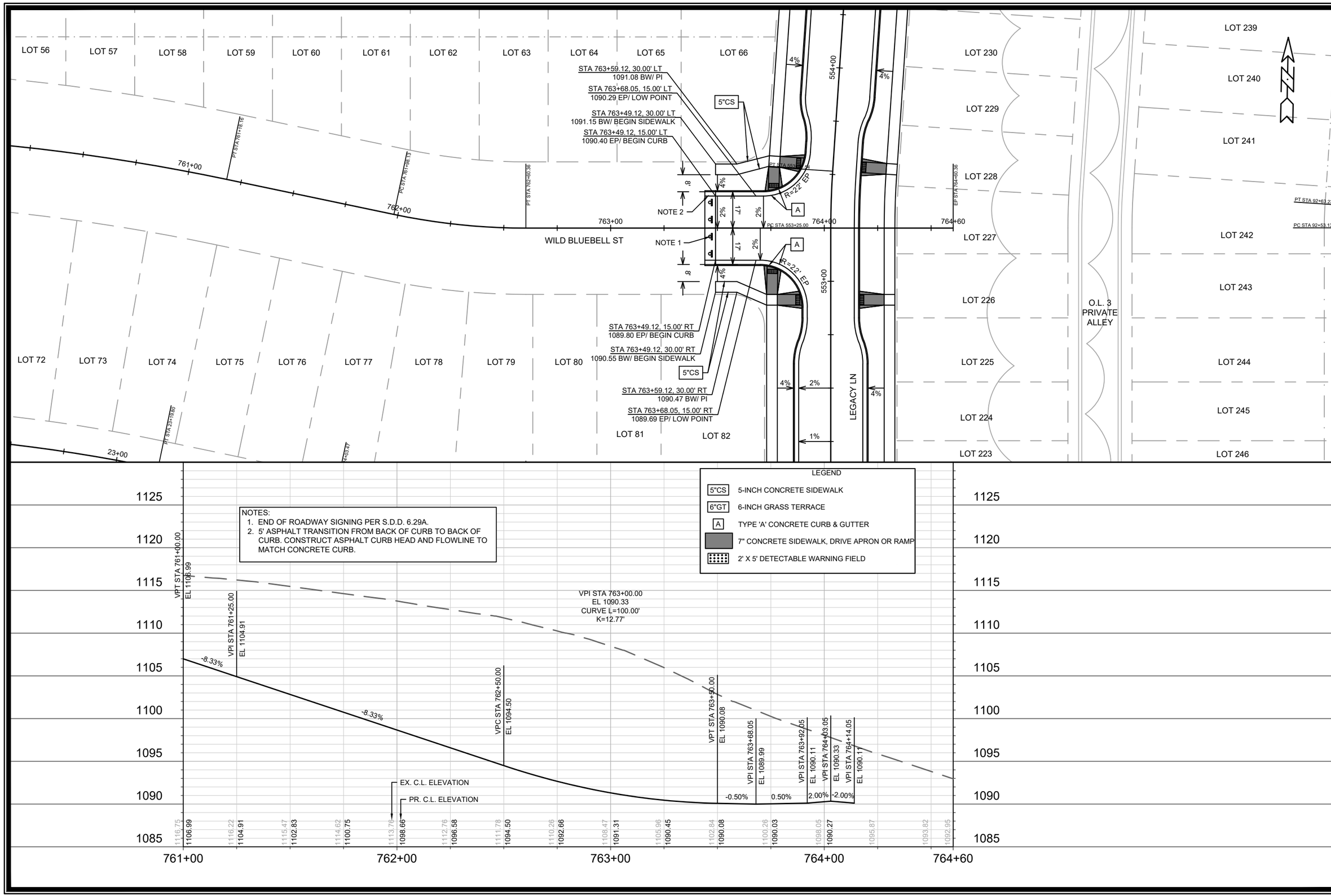
15331

P-8



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Designed By: FBEG Date: 1/17/2025 10:26 AM Scale: 1" = 40'

15331

P-9

15331

MADISON, WI

9538

CONTRACT NO:

PLAN & PROFILE - WILD BLUEBELL ST

MIDPOINT MEADOWS - PHASE 1

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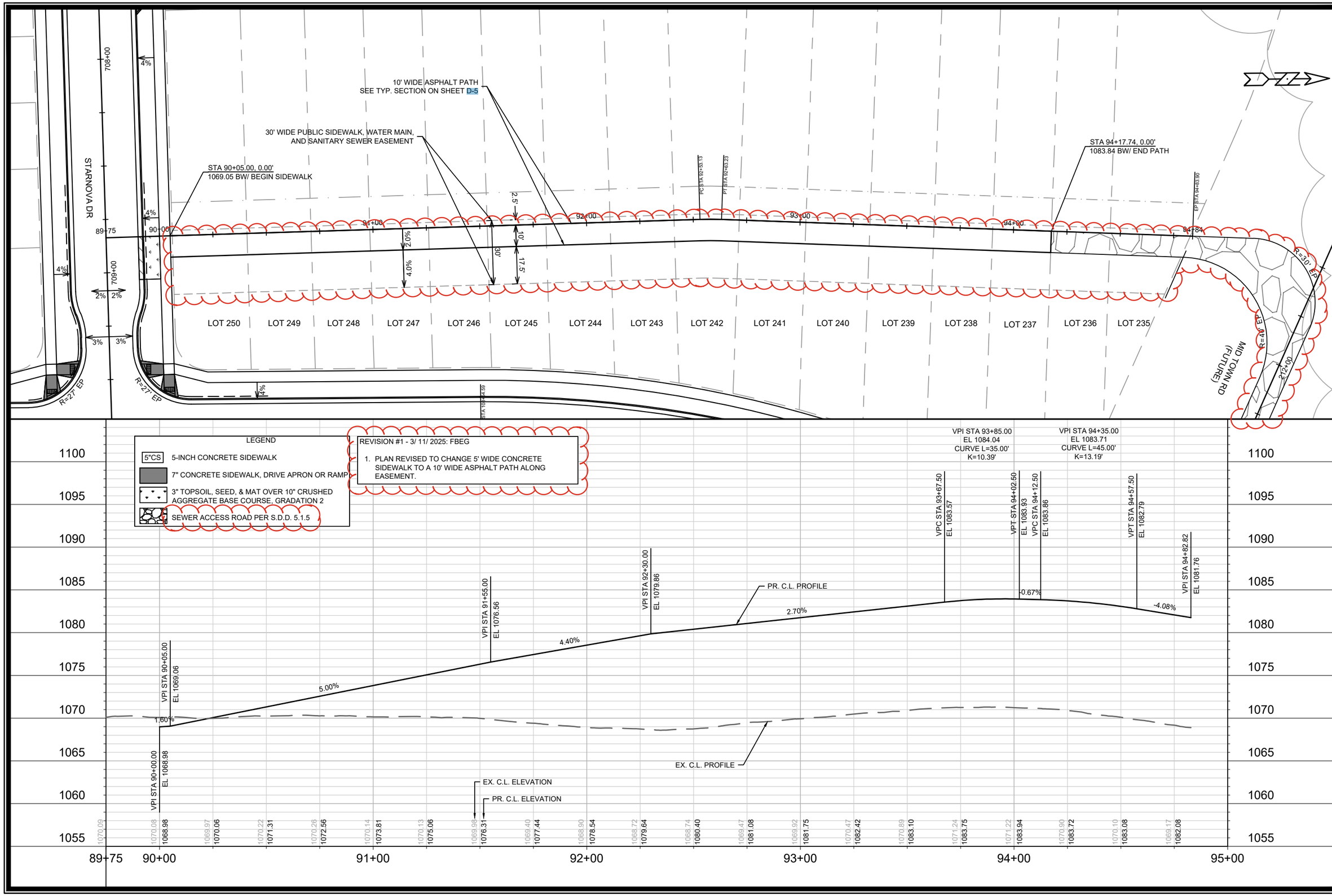
CITY OF MADISON WISCONSIN

15331

P-9



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15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - EASEMENT PUBLIC SIDEWALK

MIDPOINT MEADOWS - PHASE 1

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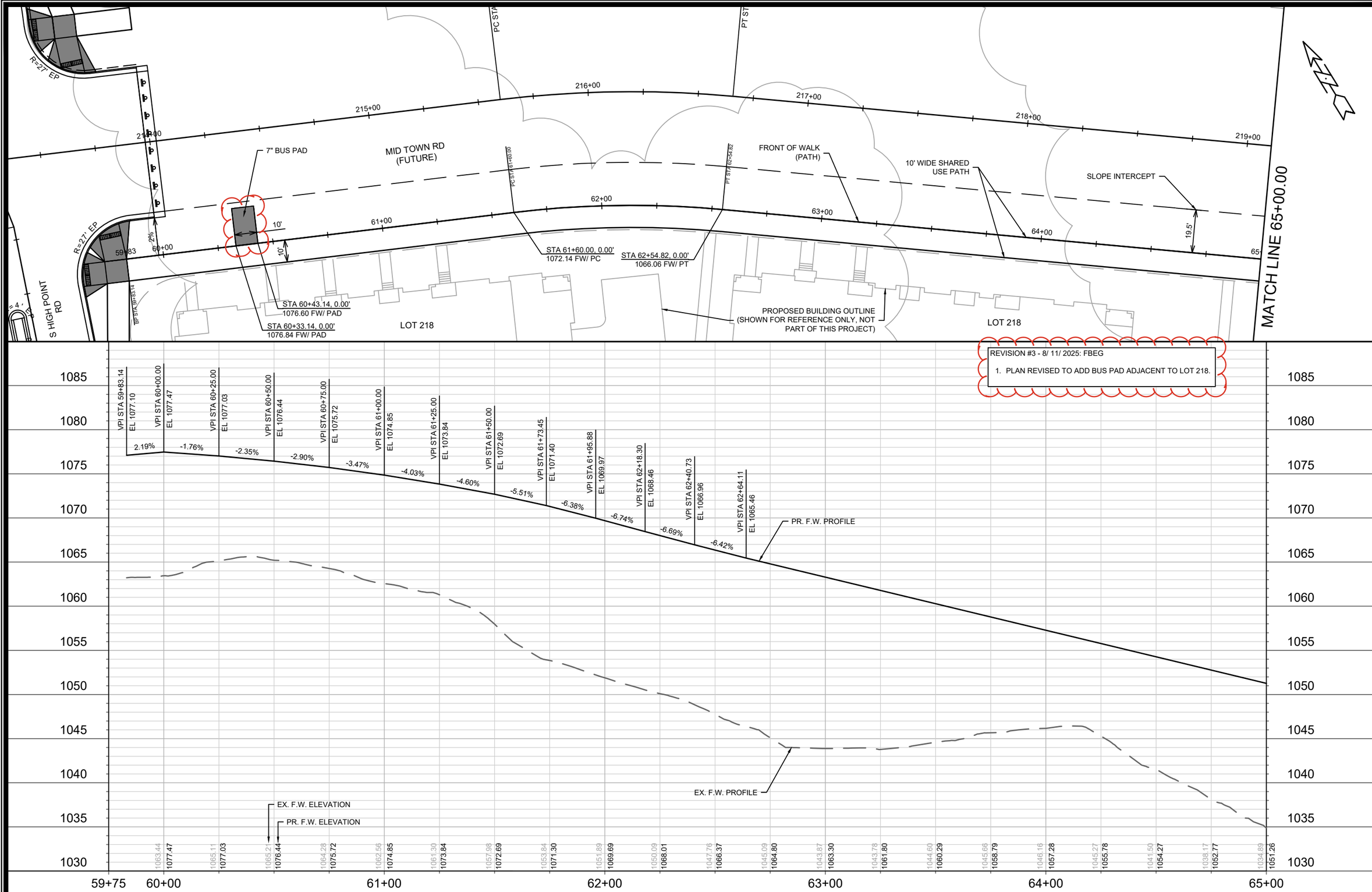
15331

P-10



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15331 | P-11

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

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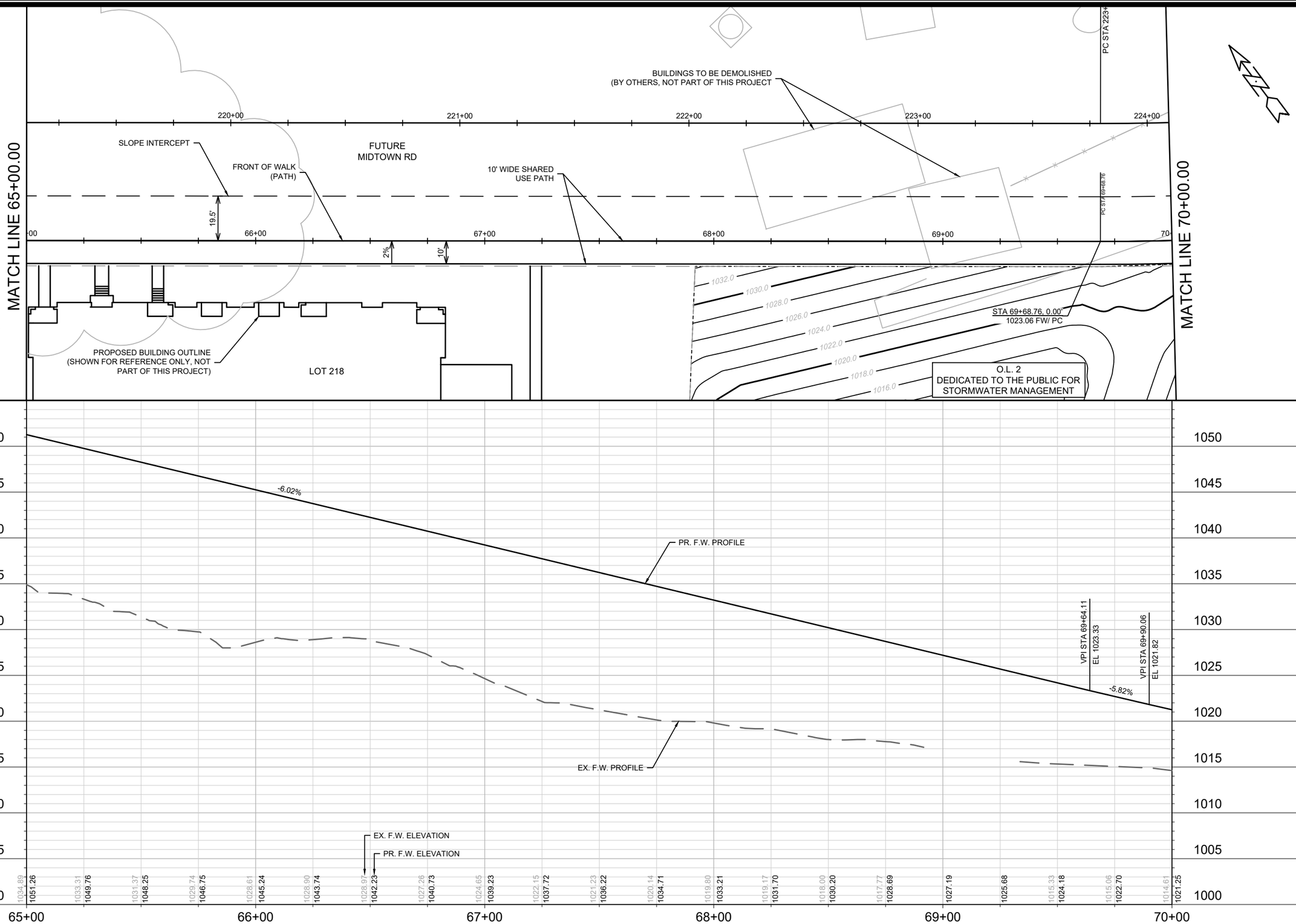
15331

P-11



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Designed By: FBEG Date: 1/17/2025 10:26 AM Scale: 1" = 40'

15331

P-12

15331

MADISON, WI

9538

CONTRACT NO:

PLAN & PROFILE - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

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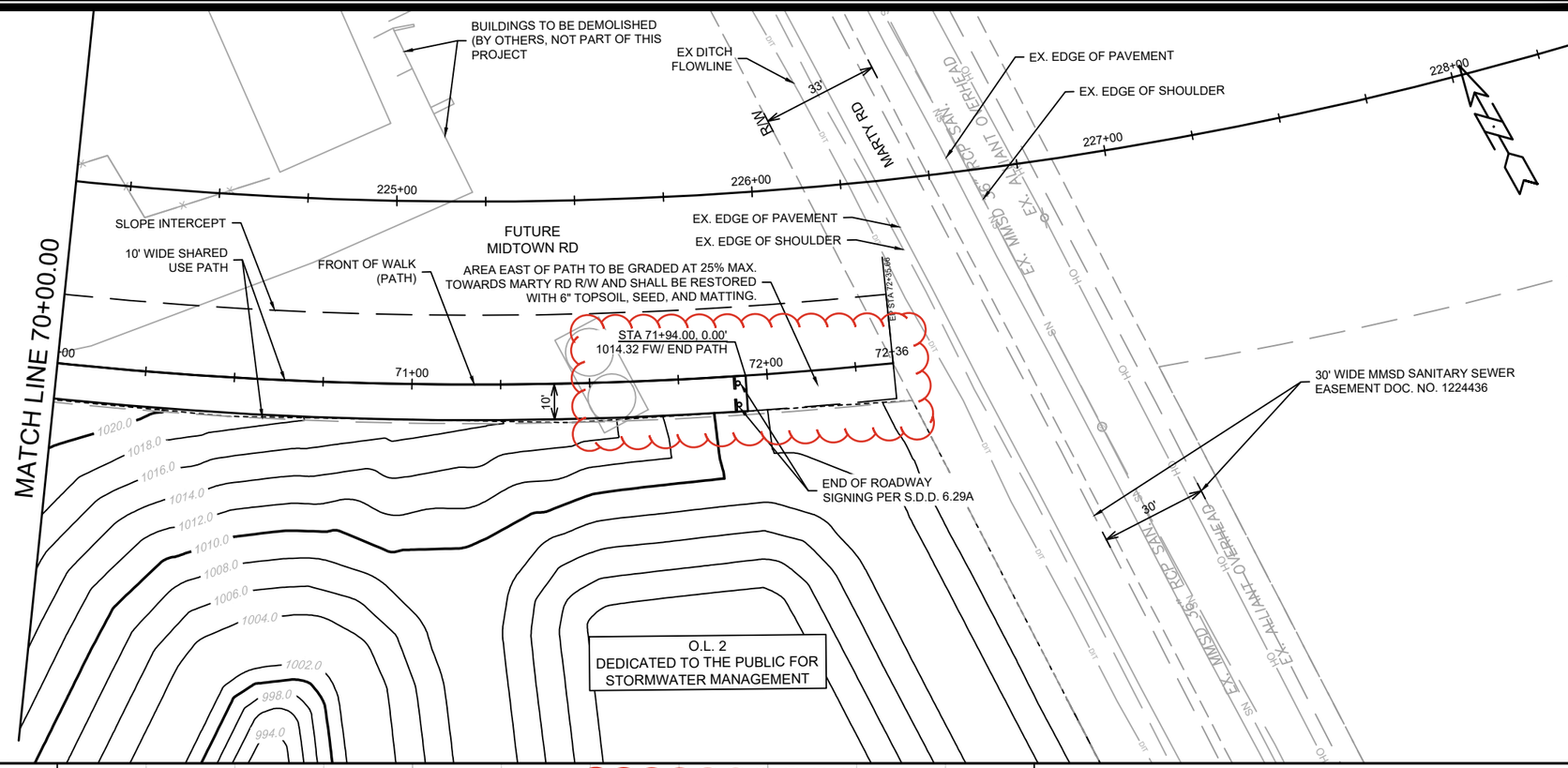
CITY OF MADISON WISCONSIN

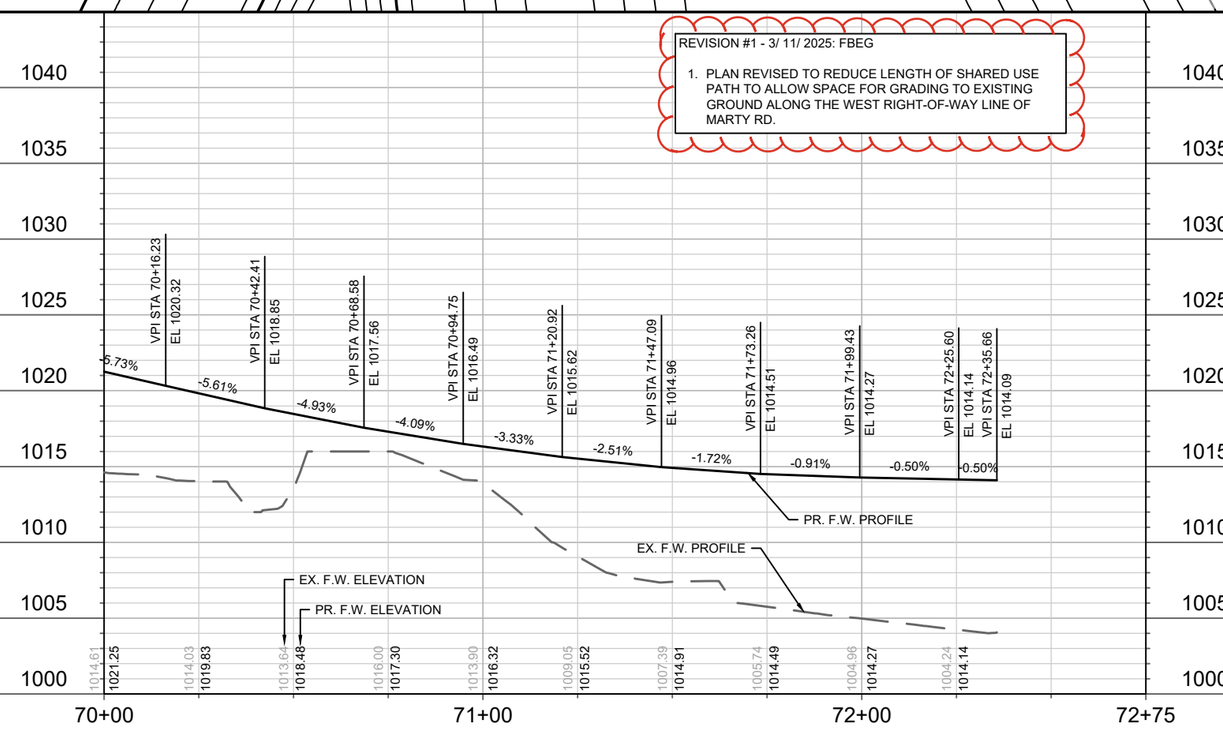
15331

P-12



REVISION #1 - 3/ 11/ 2025: FBEG

1. PLAN REVISED TO REDUCE LENGTH OF SHARED USE PATH TO ALLOW SPACE FOR GRADING TO EXISTING GROUND ALONG THE WEST RIGHT-OF-WAY LINE OF MARTY RD.



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15331 | P-13

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

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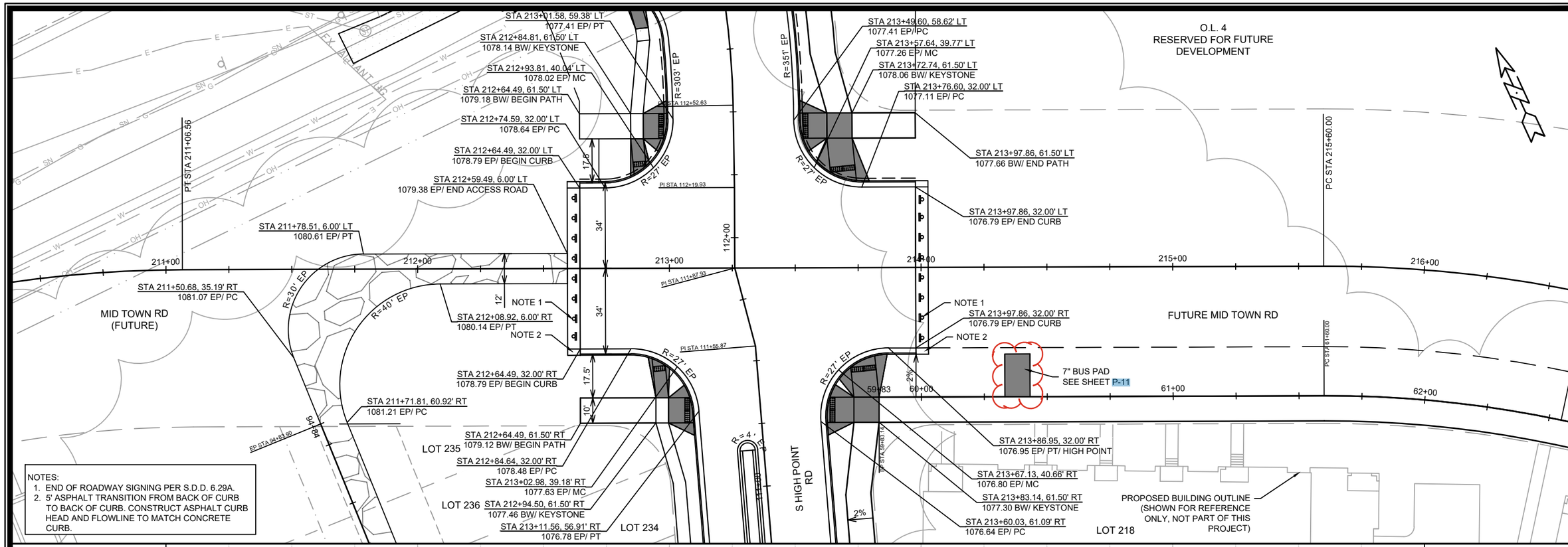
15331

P-13



LEGEND

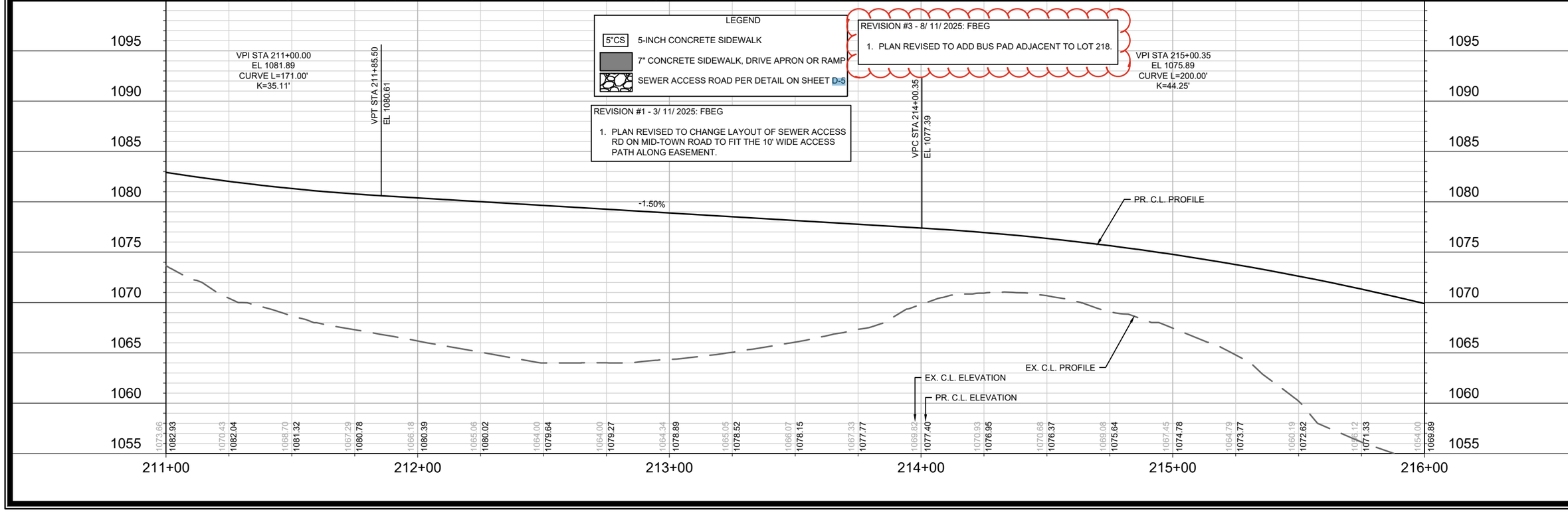
5"CS	5-INCH CONCRETE SIDEWALK
	7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
	SEWER ACCESS ROAD PER DETAIL ON SHEET D-5

REVISION #3 - 8/ 11/ 2025: FBEG

1. PLAN REVISED TO ADD BUS PAD ADJACENT TO LOT 218.

REVISION #1 - 3/ 11/ 2025: FBEG

1. PLAN REVISED TO CHANGE LAYOUT OF SEWER ACCESS RD ON MID-TOWN ROAD TO FIT THE 10' WIDE ACCESS PATH ALONG EASEMENT.



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Designed By: FBEG Date: 8/11/2025 9:45 AM Scale: 1" = 40'

15331 P-14

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - FUTURE MID TOWN RD

MIDPOINT MEADOWS - PHASE 1

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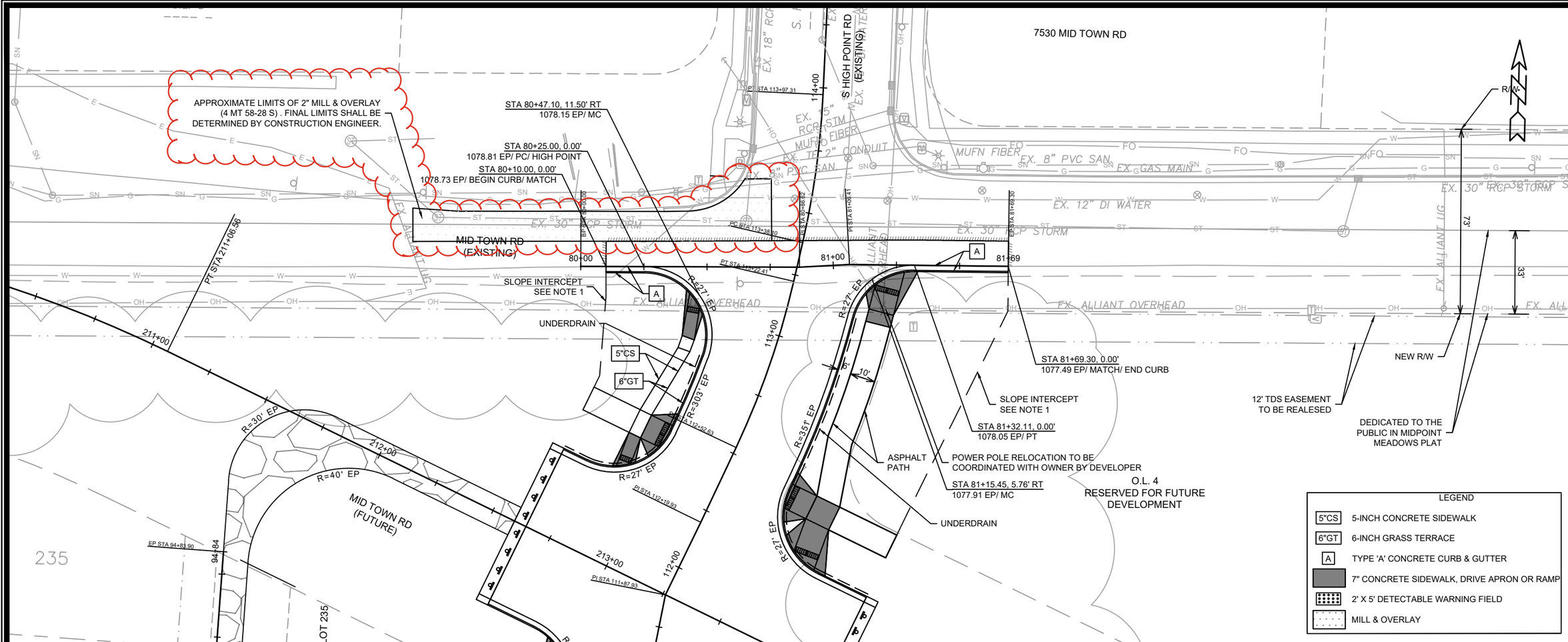
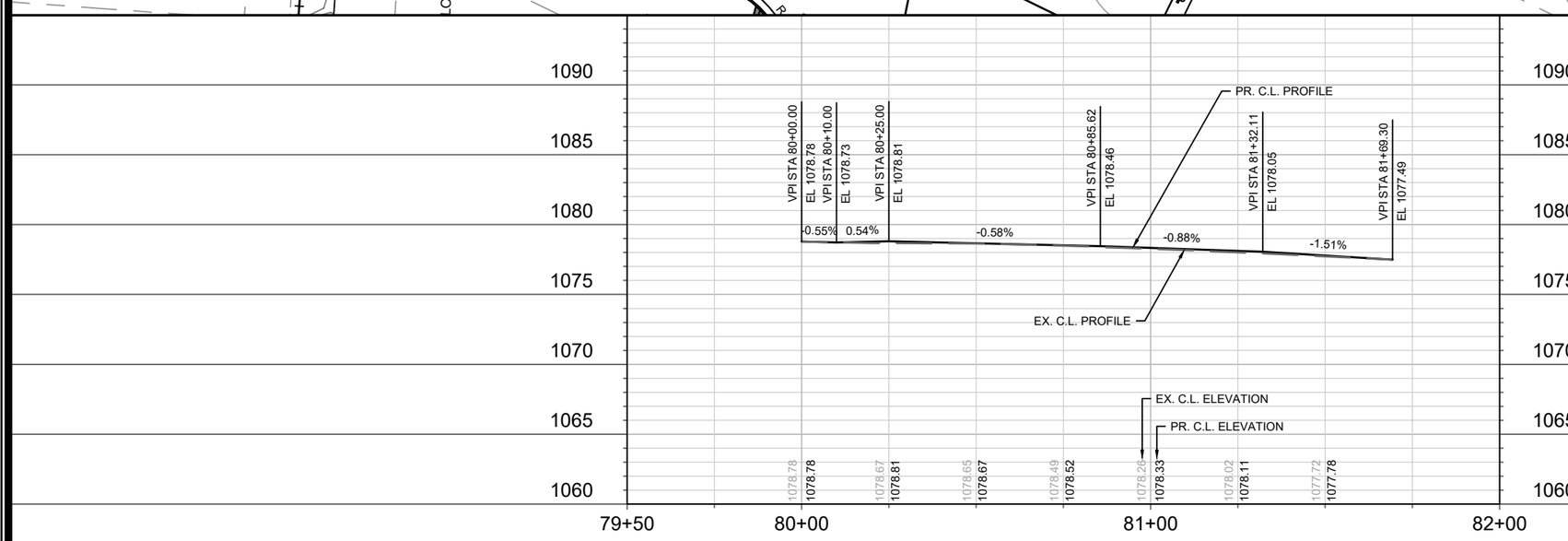
15331

P-14





LEGEND

5"CS	5-INCH CONCRETE SIDEWALK
6"GT	6-INCH GRASS TERRACE
A	TYPE 'A' CONCRETE CURB & GUTTER
	7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
	2' X 5' DETECTABLE WARNING FIELD
	MILL & OVERLAY

NOTES:
1. RESTORE AREA ENCLOSED BY THE SLOPE INTERCEPT, BACK OF SIDEWALK/ PATH, AND BACK OF CURB WITH 6" TOPSOIL, SEED, AND MATTING.

REVISION #1 - 3/ 11/ 2025: FBEG
1. PLAN REVISED TO ADD UNDERDRAINS ALONG S HIGH POINT RD, NORTH OF MIDTOWN RD.

REVISION #2 - 6/ 04/ 2025: IO
1. PLAN REVISED TO ADD MILL & OVERLAY TO NORTH OF MIDTOWN RD.

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15331 | P-15

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - EXISTING MID TOWN RD

MIDPOINT MEADOWS - PHASE 1

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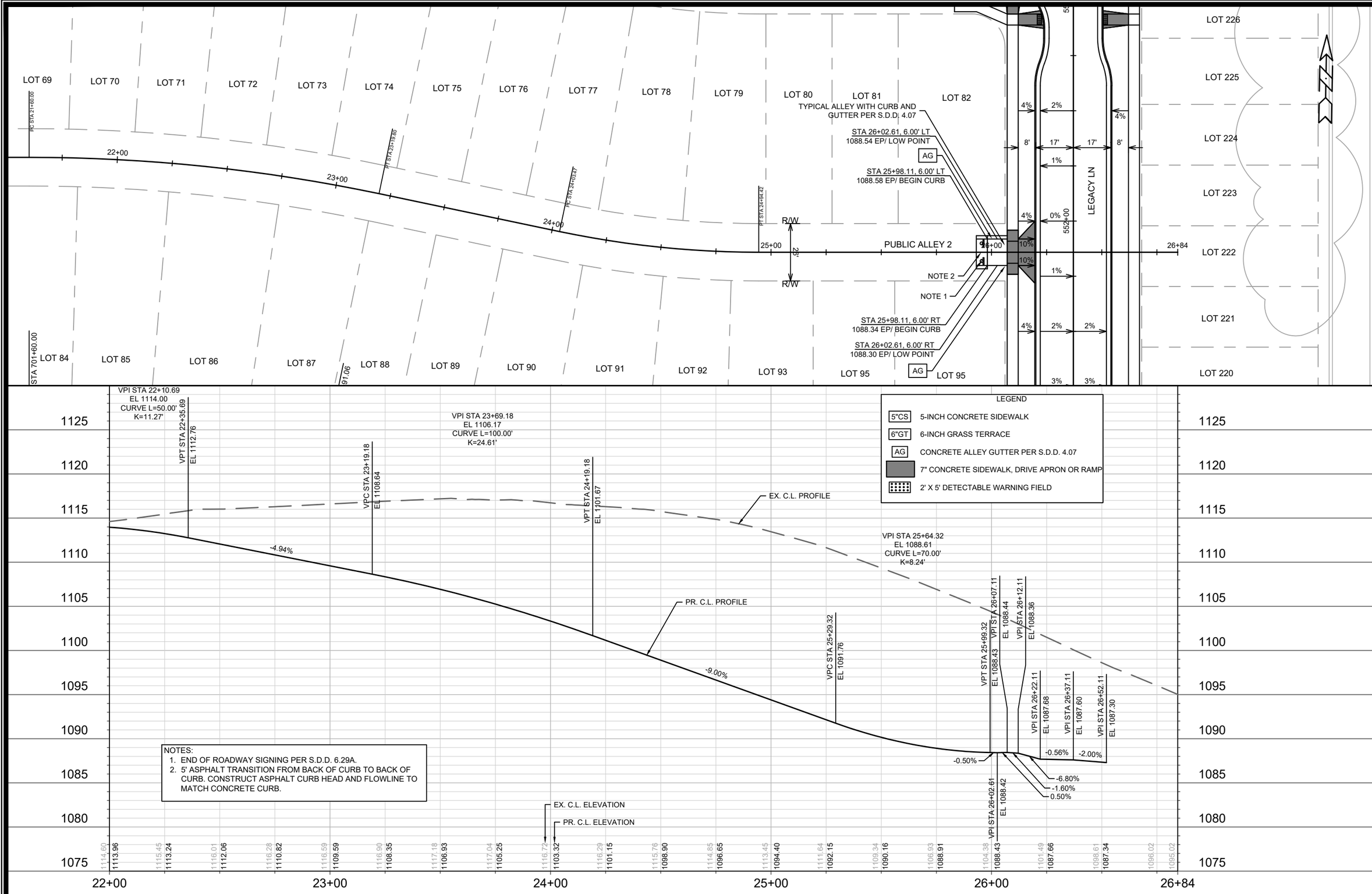
15331

P-15



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

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Designed By: FBEG Date: 1/17/2025 10:27 AM Scale: 1" = 40'

15331

P-16

CONTRACT NO: 9538

MADISON, WI

PLAN & PROFILE - PUBLIC ALLEY 2

MIDPOINT MEADOWS - PHASE 1

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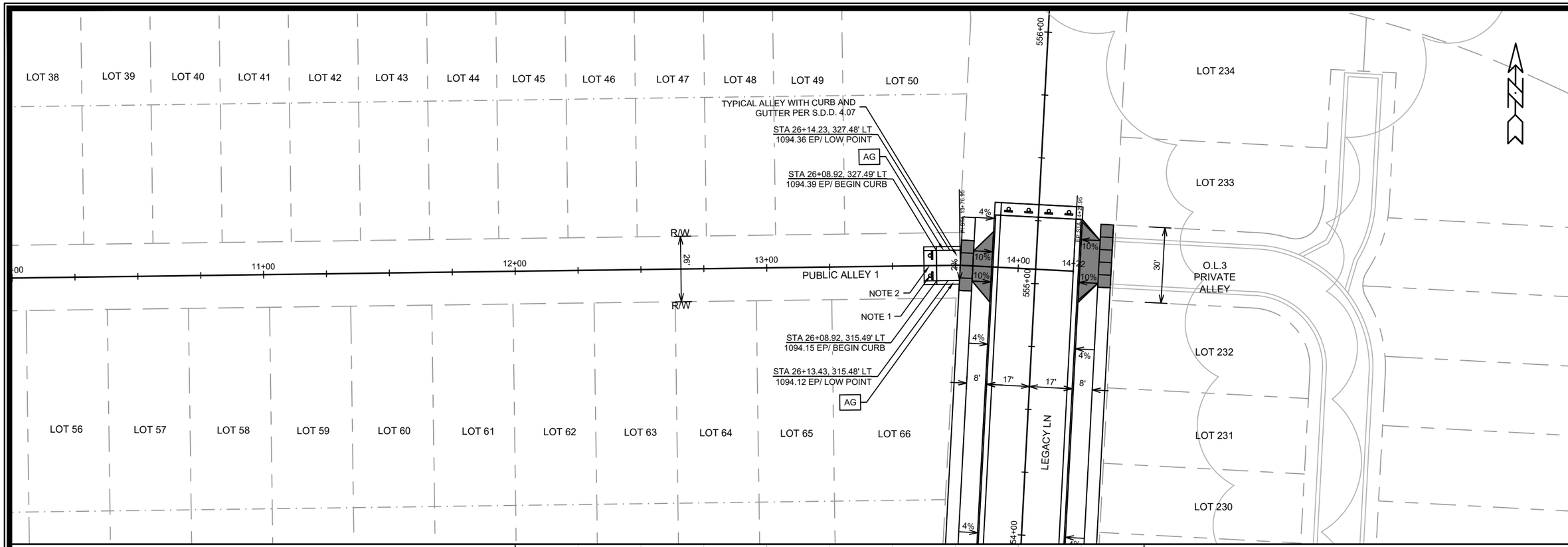
CITY OF MADISON WISCONSIN

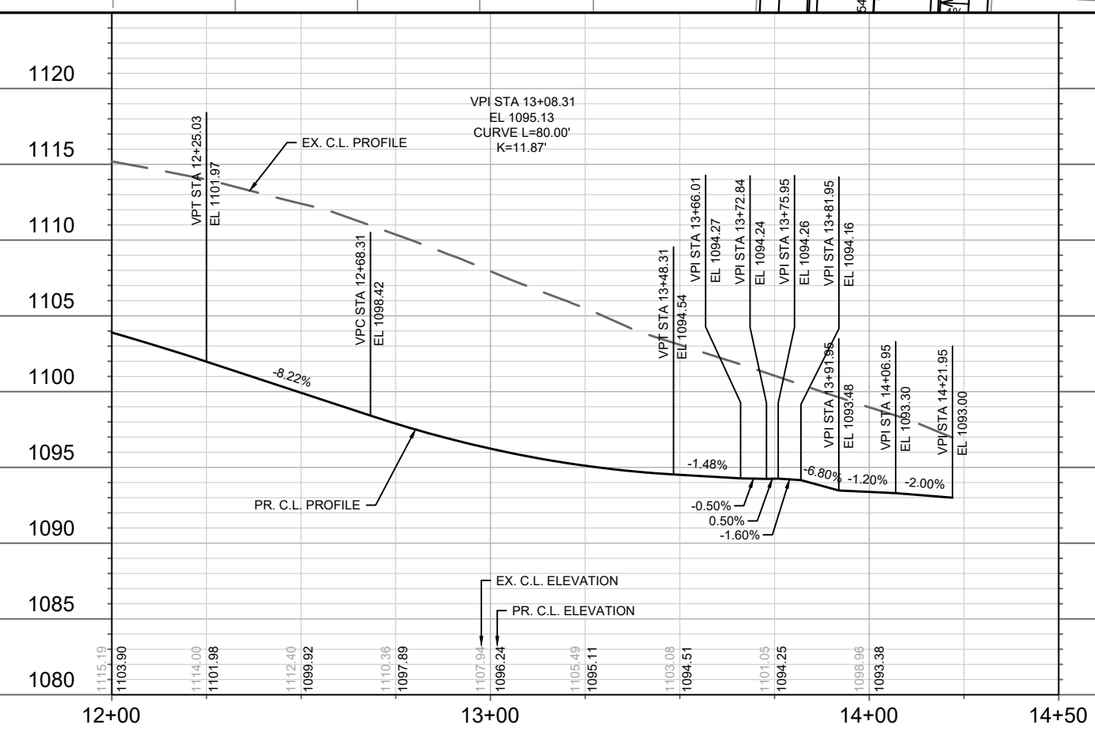
15331

P-16



LEGEND

5"CS	5-INCH CONCRETE SIDEWALK
6"GT	6-INCH GRASS TERRACE
AG	CONCRETE ALLEY GUTTER PER S.D.D. 4.07
	7" CONCRETE SIDEWALK, DRIVE APRON OR RAMP
	2' X 5' DETECTABLE WARNING FIELD



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

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/17/2025 10:28 AM Scale: 1" = 40'

15331

MADISON, WI

CONTRACT NO: 9538

PLAN & PROFILE - PUBLIC ALLEY 1

MIDPOINT MEADOWS - PHASE 1

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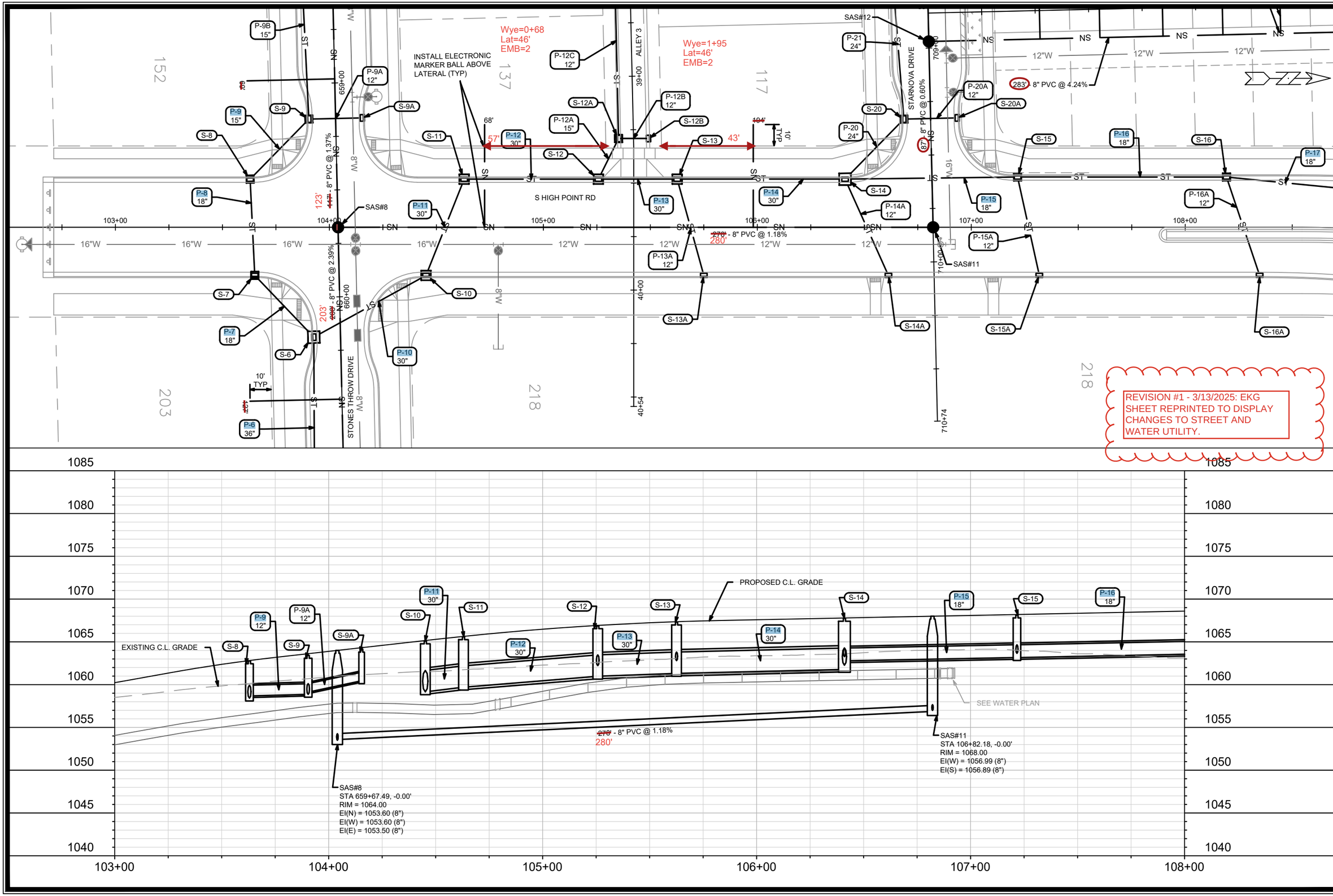
15331

P-17



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Designed By: EKG | Date: 11/26/2024 9:18 AM | Scale: 1" = 40'

15331 | U-1

15331

MADISON, WI

CONTRACT NO: 9538

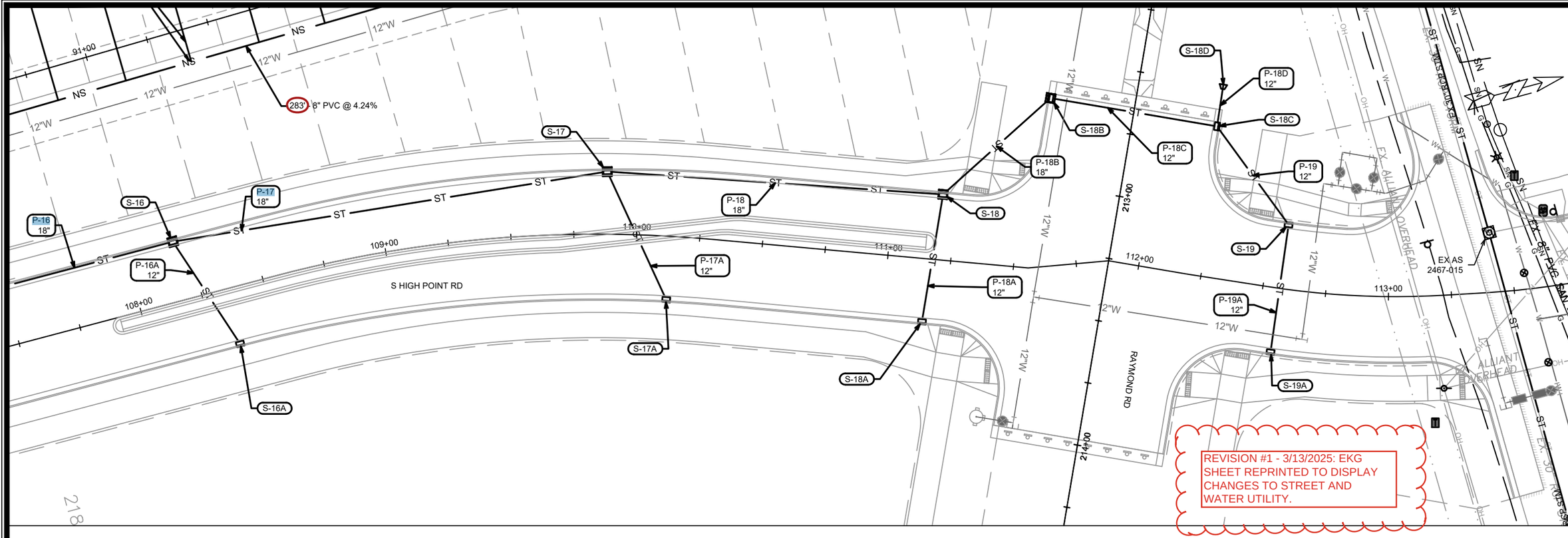
UTILITIES PLAN & PROFILE - S HIGH POINT RD

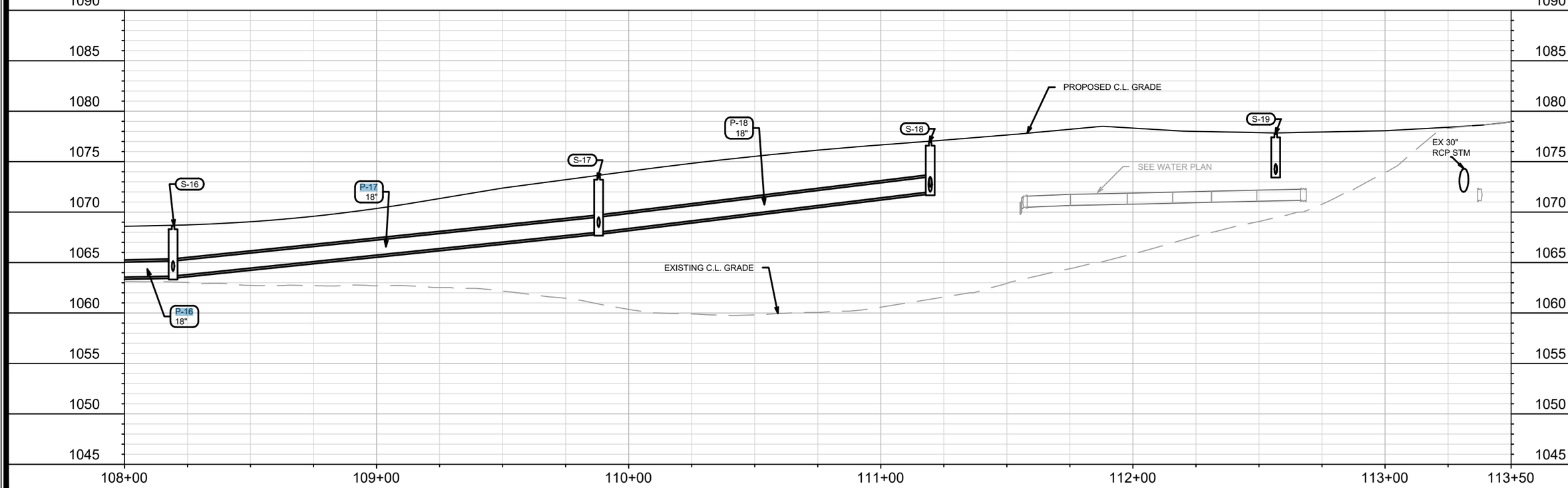
MIDPOINT MEADOWS PHASE 1

M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg

15331

U-1





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Designed By: EKG | Date: 3/12/2025 2:50 PM | Scale: 1" = 40'

15331

MADISON, WI

9538

CONTRACT NO:

UTILITIES PLAN & PROFILE - S HIGH POINT RD

MIDPOINT MEADOWS PHASE 1

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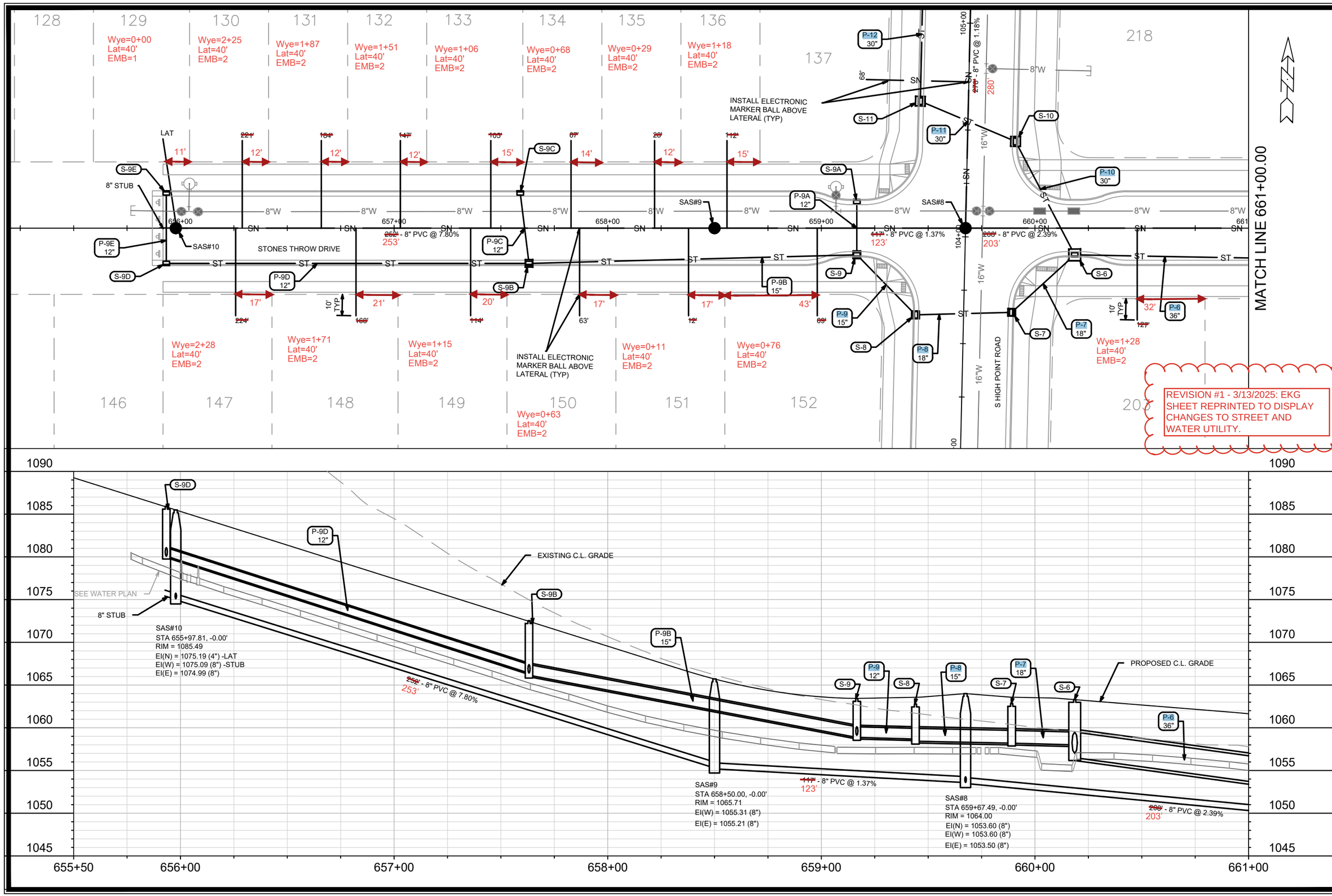
15331

U-2



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Designed By: EKG | Date: 3/13/2025 11:38 AM | Scale: 1" = 40'

15331 | U-3

15331

MADISON, WI

CONTRACT NO: 9538

UTILITIES PLAN & PROFILE - STONES THROW DRIVE

MIDPOINT MEADOWS PHASE 1

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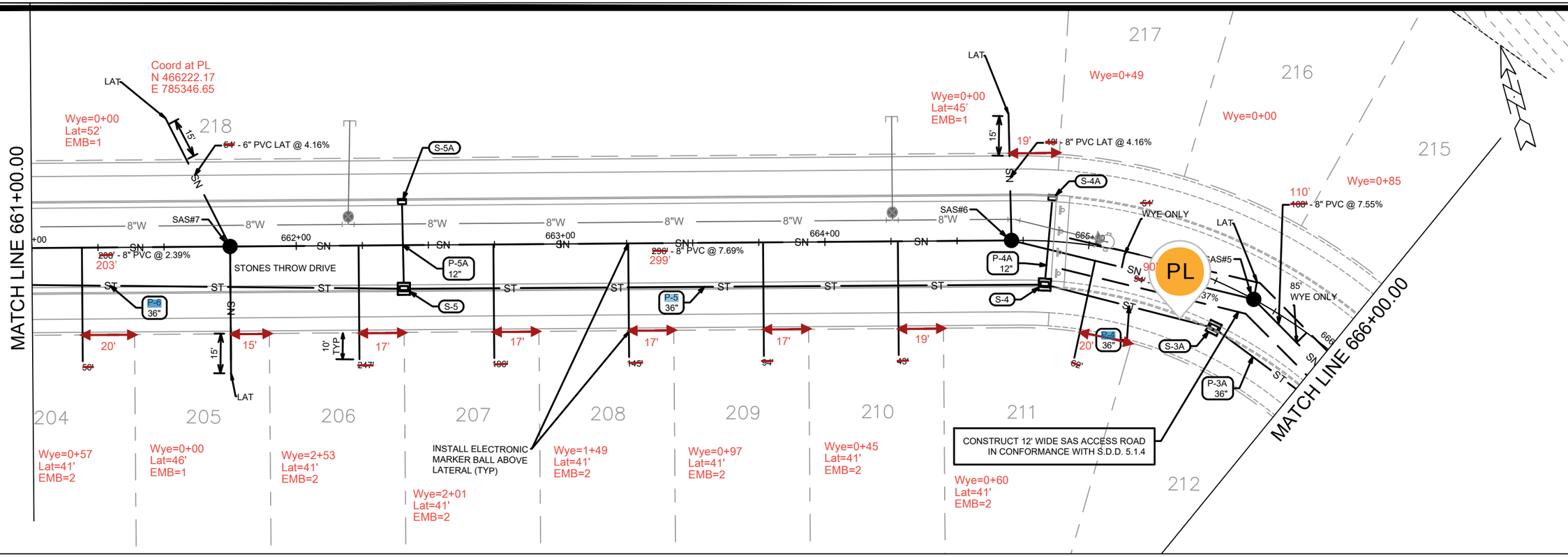
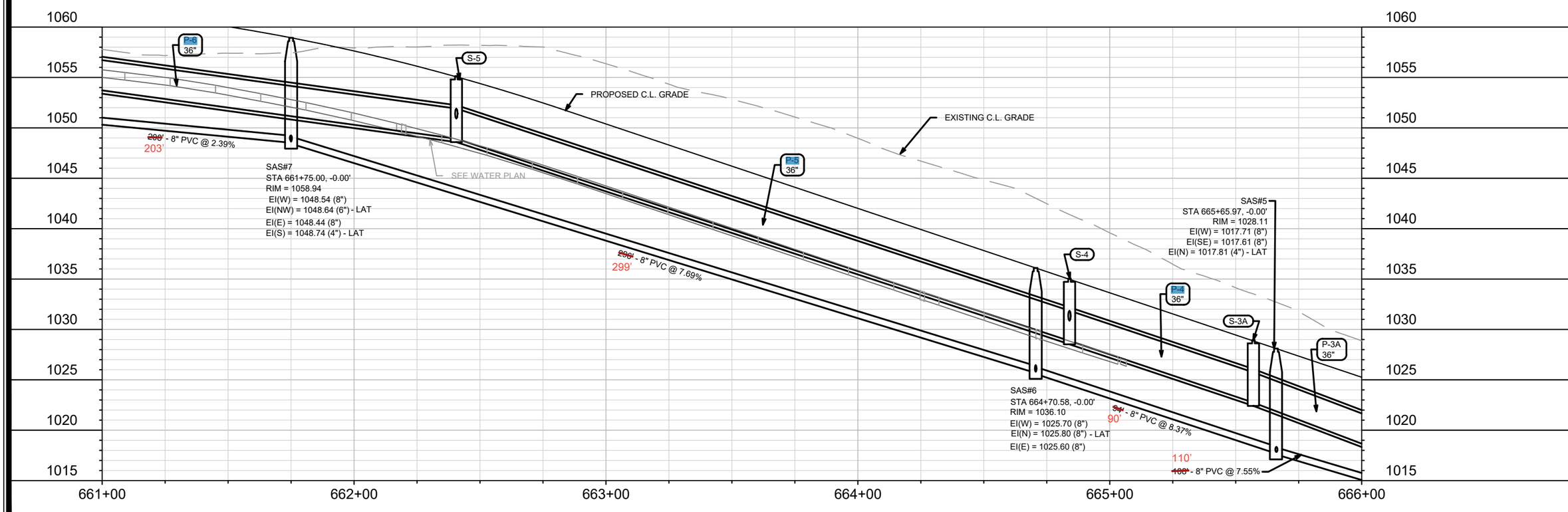
CITY OF MADISON WISCONSIN

15331

U-3





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Designed By: EKG | Date: 1/17/2025 1:42 PM | Scale: 1" = 40'

U-4

15331

MADISON, WI

9538

CONTRACT NO:

UTILITIES PLAN & PROFILE - STONES THROW DRIVE

MIDPOINT MEADOWS PHASE 1

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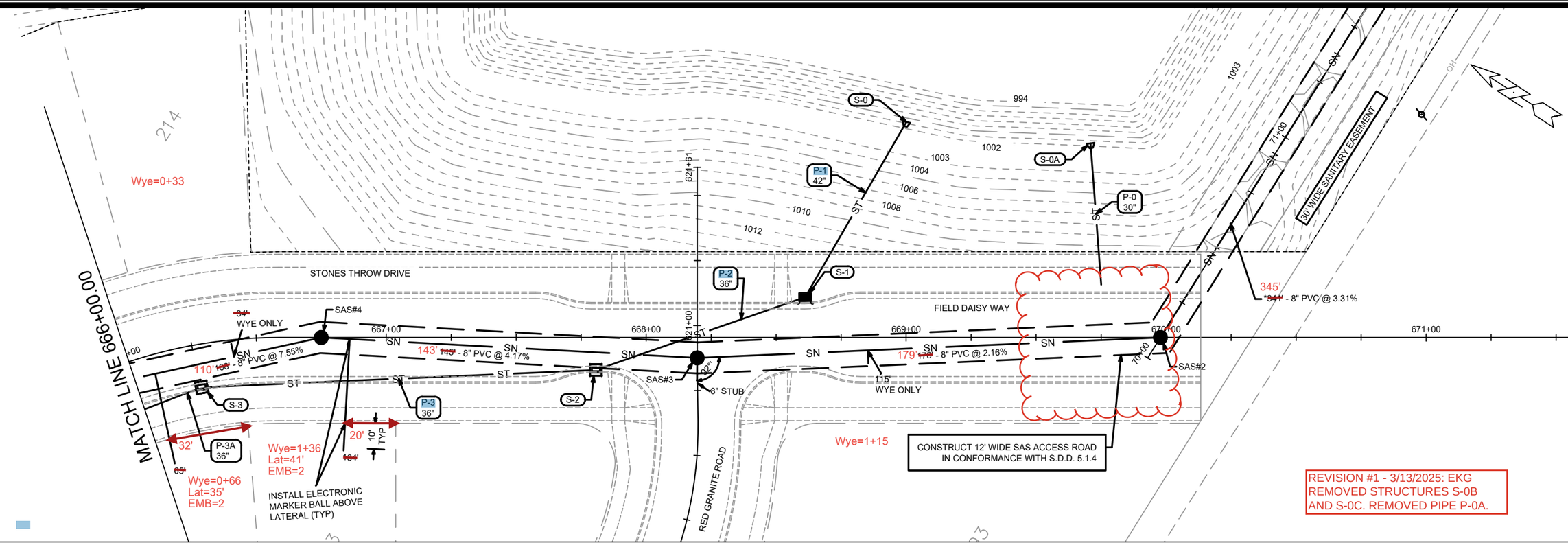
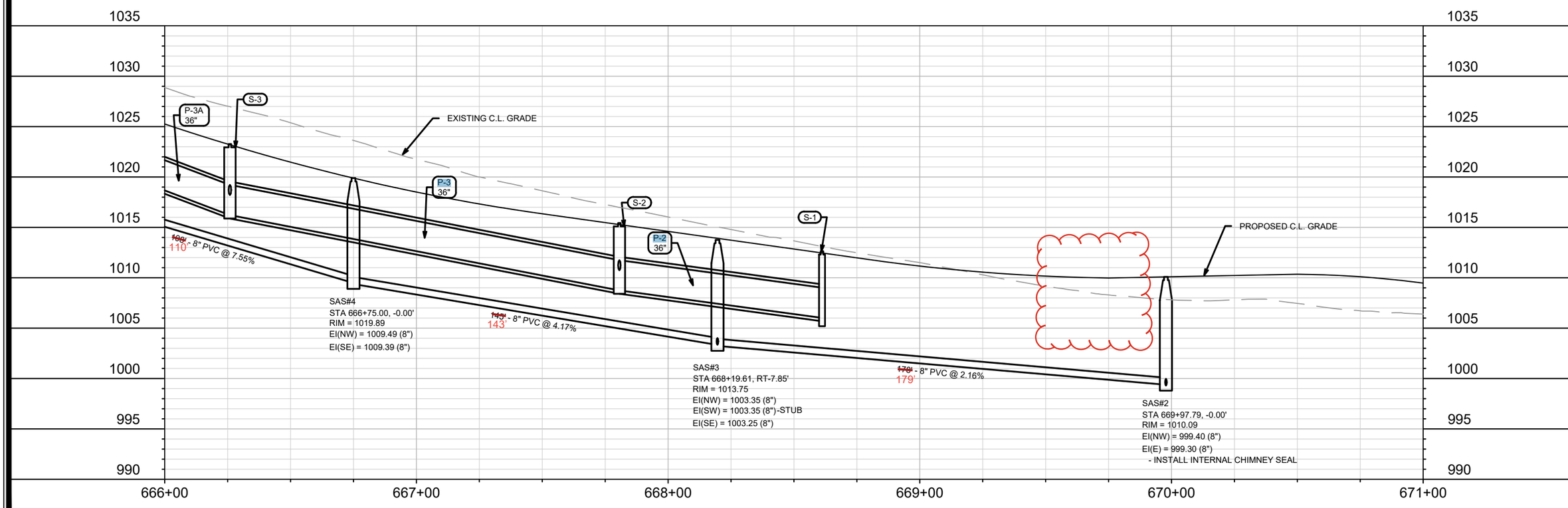
CITY OF MADISON WISCONSIN

15331

U-4





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Designed By: EKG | Date: 3/13/2025 9:12 AM | Scale: 1" = 40'

15331

U-5

15331

MADISON, WI

CONTRACT NO: 9538

UTILITIES PLAN & PROFILE - FIELD DAISY WAY

MIDPOINT MEADOWS PHASE 1

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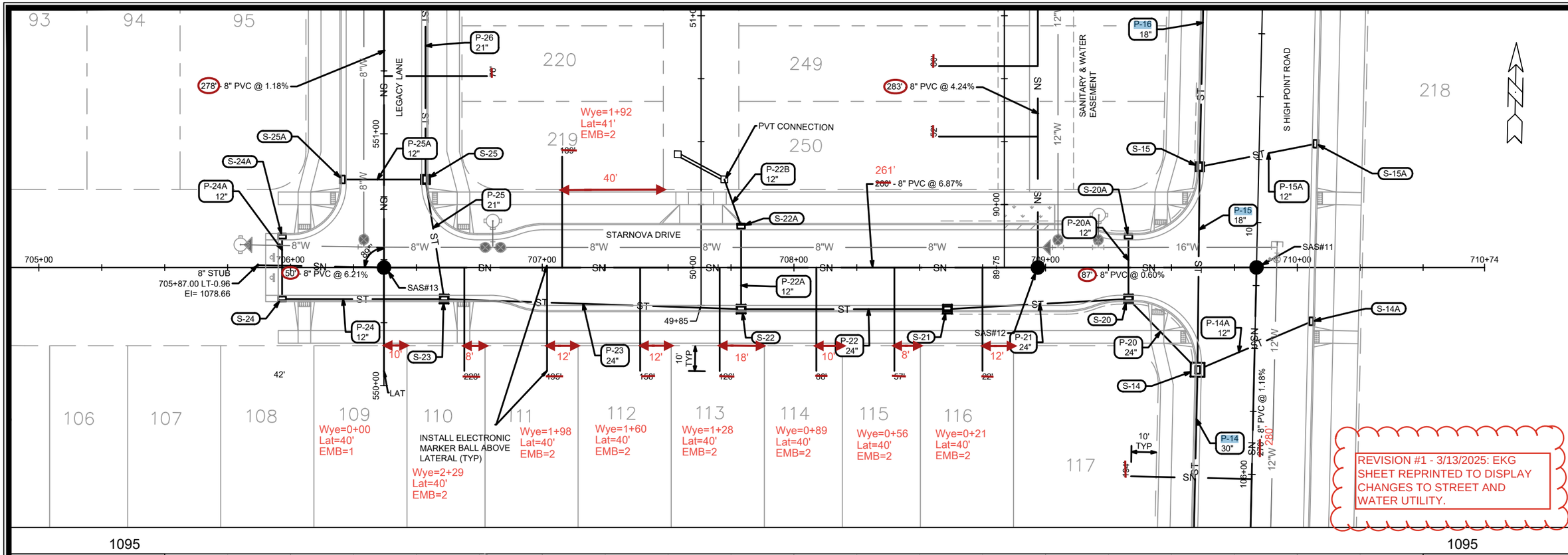
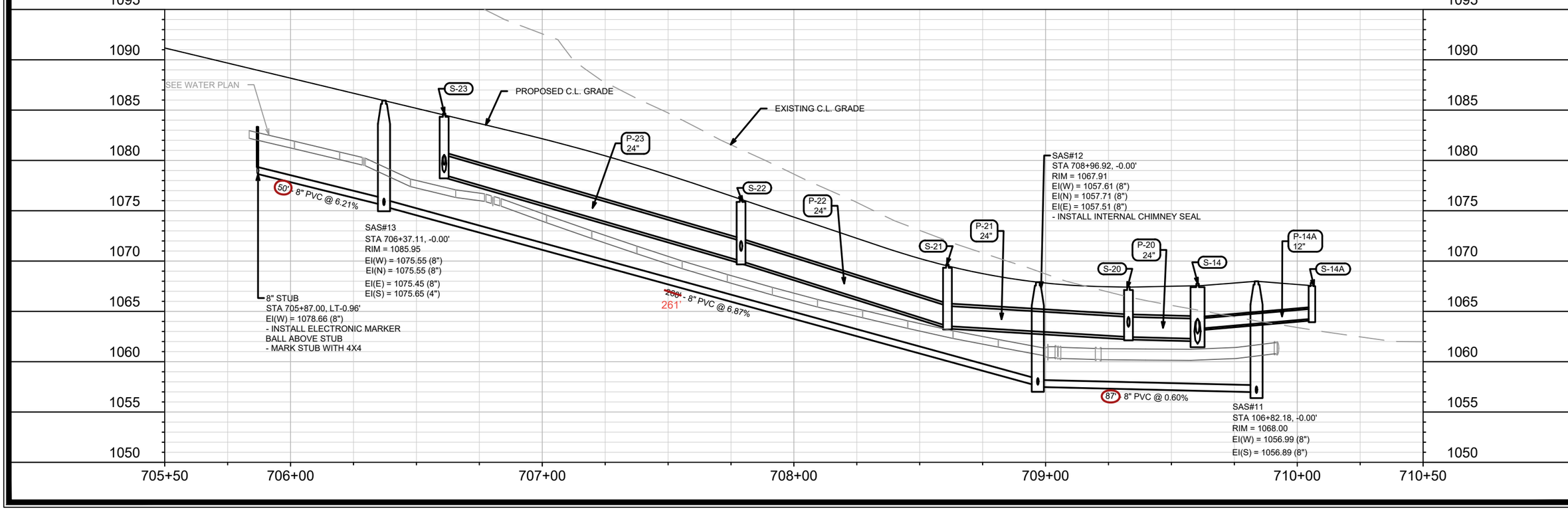
CITY OF MADISON WISCONSIN

15331

U-5





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Designed By: EKG | Date: 3/13/2025 11:48 AM | Scale: 1" = 40'

15331 | U-6

15331

MADISON, WI

CONTRACT NO: 9538

UTILITIES PLAN & PROFILE - STARNOVA DRIVE

MIDPOINT MEADOWS PHASE 1

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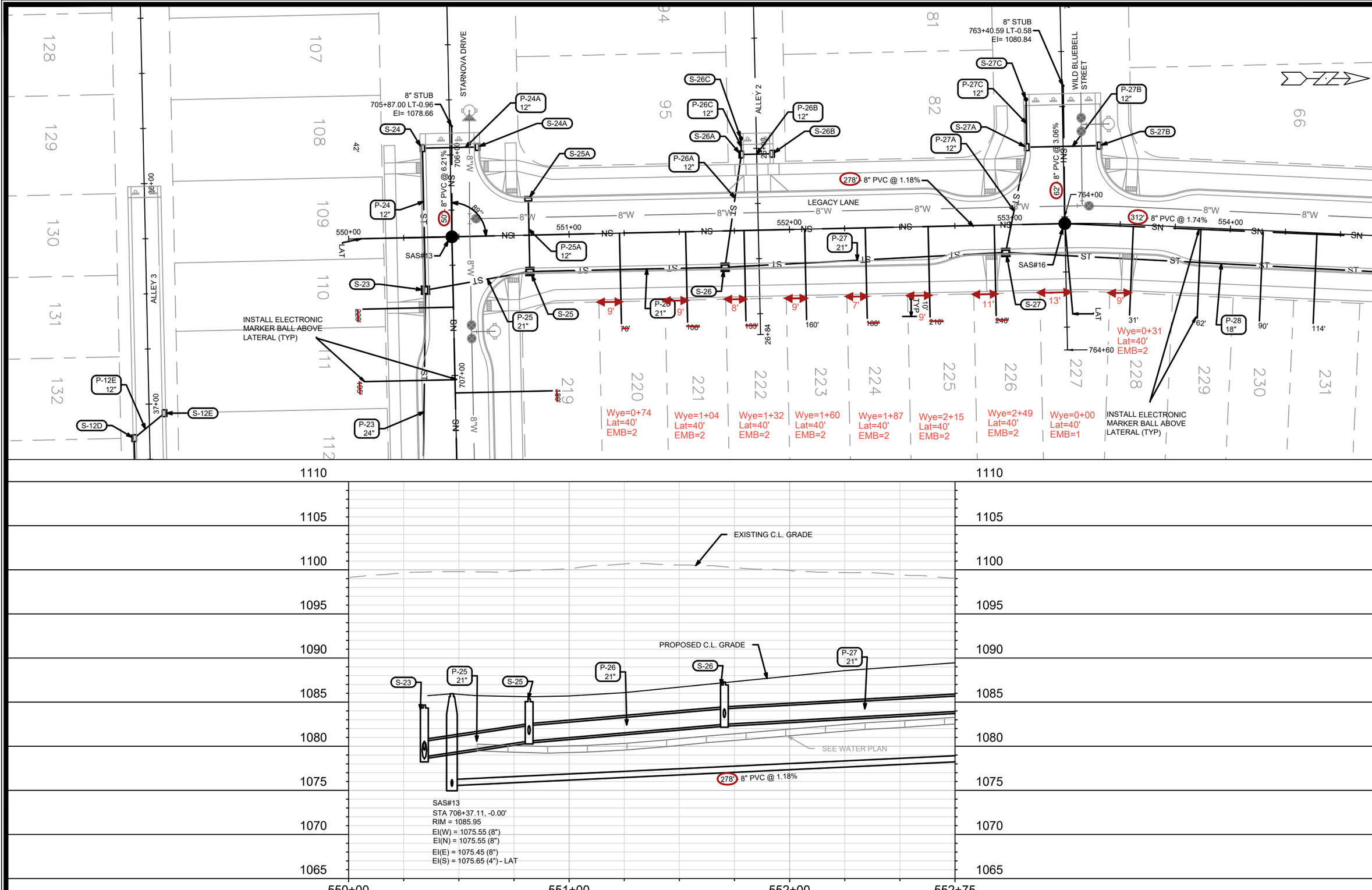
15331

U-6



MARK	REVISION	DATE	BY
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Designed By: EKG | Date: 1/17/2025 2:48 PM | Scale: 1" = 40'

15331 | U-7

15331

MADISON, WI

9538

CONTRACT NO:

UTILITIES PLAN & PROFILE - LEGACY LANE

MIDPOINT MEADOWS PHASE 1

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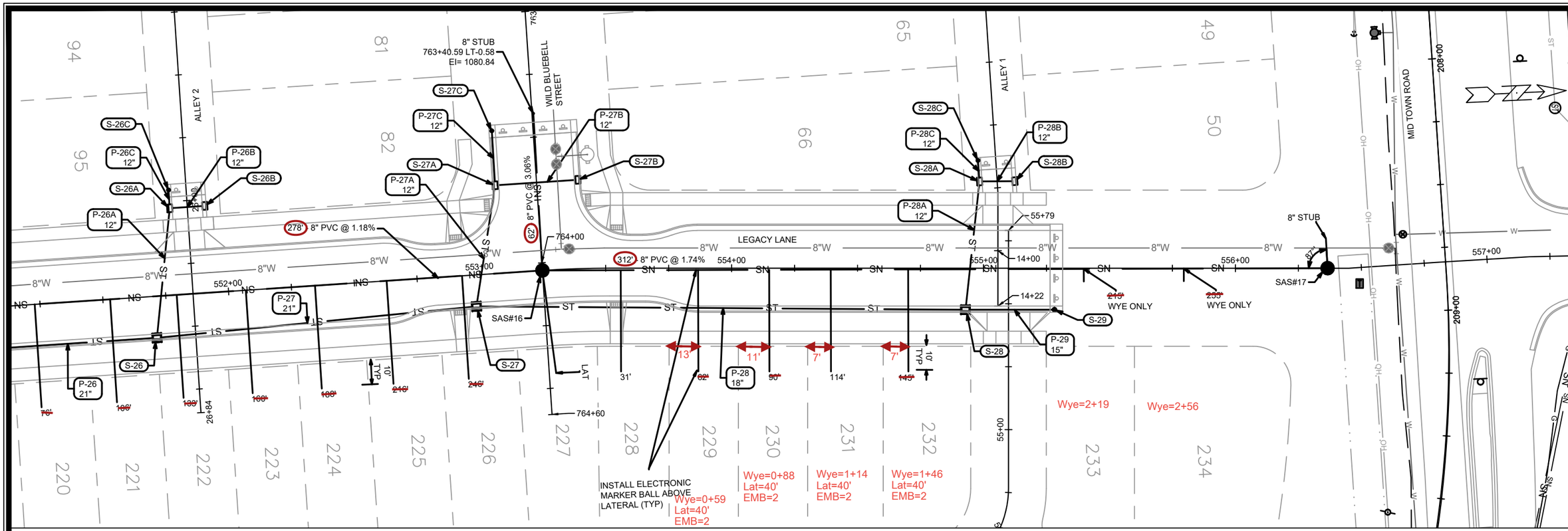
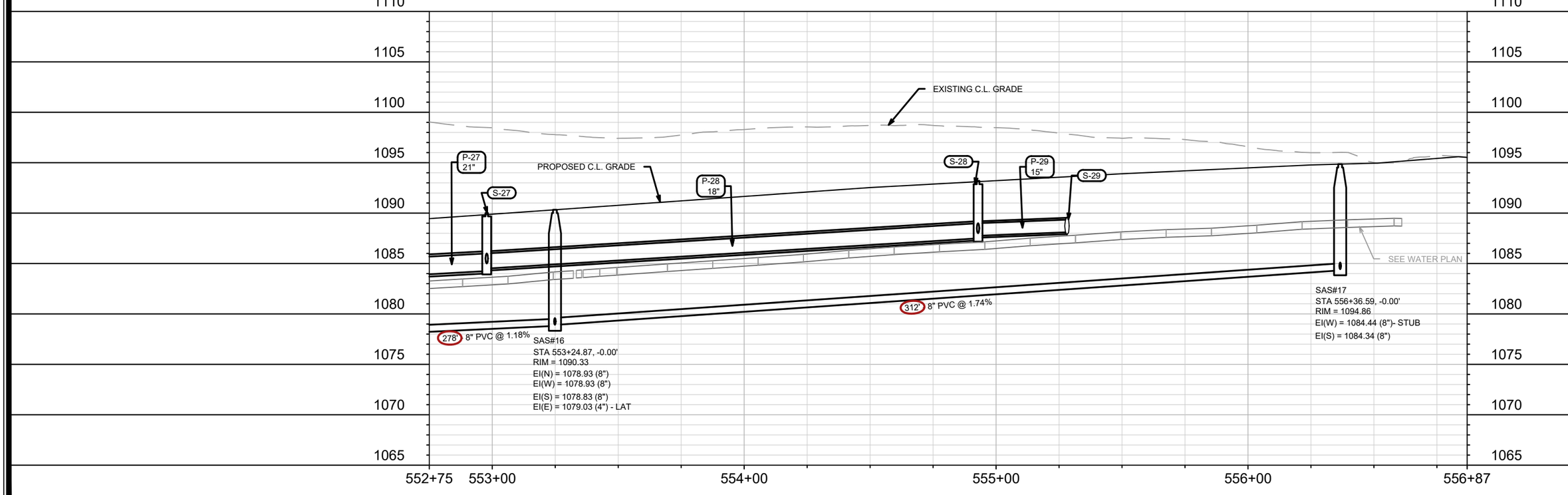
CITY OF MADISON WISCONSIN

15331

U-7





MARK	REVISION	DATE	BY
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Designed By: EKG | Date: 1/17/2025 2:49 PM | Scale: 1" = 40'

15331

U-8

15331

MADISON, WI

9538

CONTRACT NO:

UTILITIES PLAN & PROFILE - LEGACY LANE

MIDPOINT MEADOWS PHASE 1

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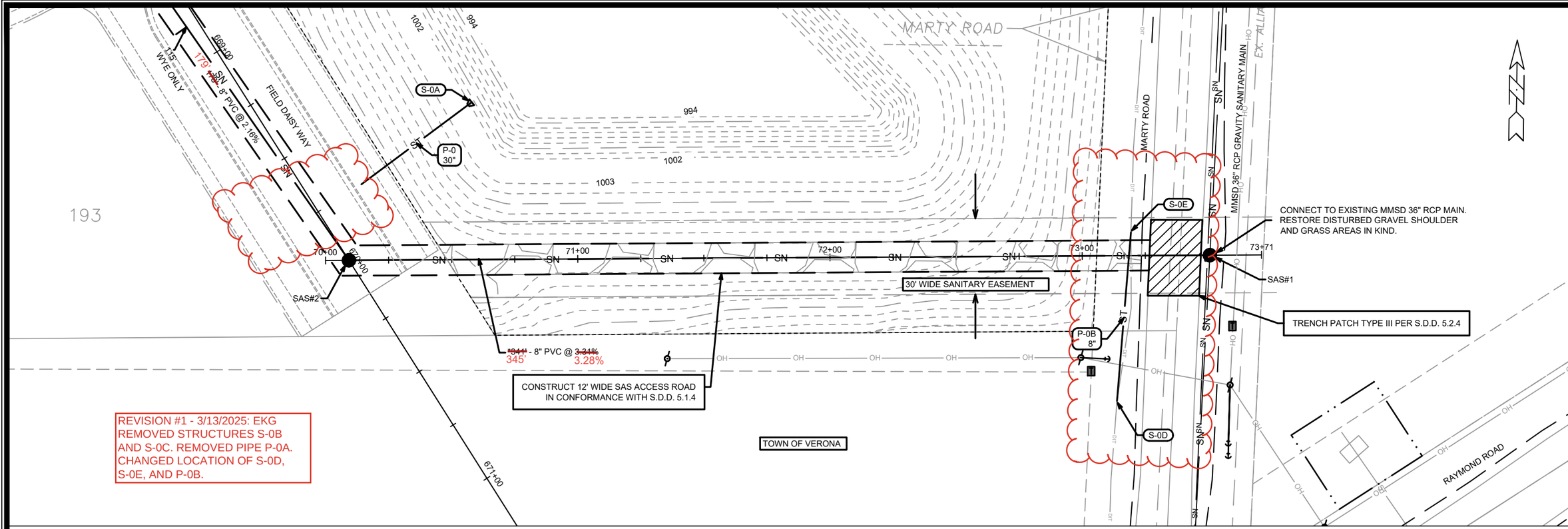
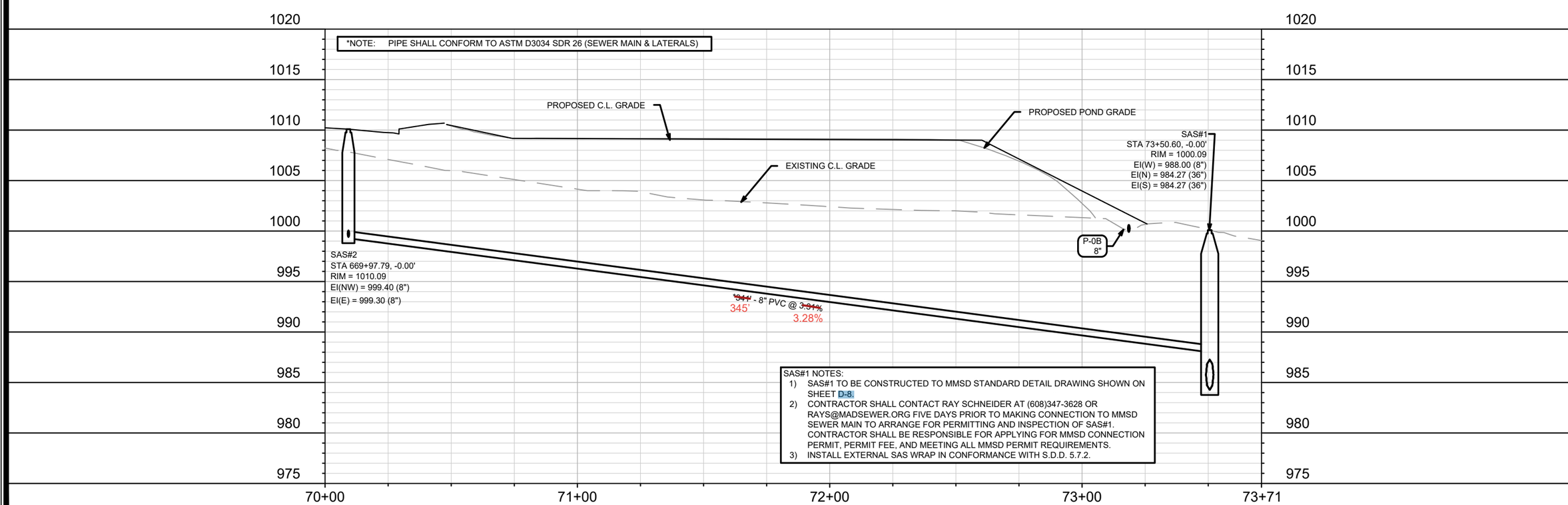
15331

U-8



REVISION #1 - 3/13/2025: EKG
REMOVED STRUCTURES S-0B AND S-0C. REMOVED PIPE P-0A. CHANGED LOCATION OF S-0D, S-0E, AND P-0B.

*NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR 26 (SEWER MAIN & LATERALS)



SAS#1 NOTES:
1) SAS#1 TO BE CONSTRUCTED TO MMSD STANDARD DETAIL DRAWING SHOWN ON SHEET D-8.
2) CONTRACTOR SHALL CONTACT RAY SCHNEIDER AT (608)347-3628 OR RAYS@MADSEWER.ORG FIVE DAYS PRIOR TO MAKING CONNECTION TO MMSD SEWER MAIN TO ARRANGE FOR PERMITTING AND INSPECTION OF SAS#1. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT, PERMIT FEE, AND MEETING ALL MMSD PERMIT REQUIREMENTS.
3) INSTALL EXTERNAL SAS WRAP IN CONFORMANCE WITH S.D.D. 5.7.2.

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Designed By: EKG | Date: 3/13/2025 11:57 AM | Scale: 1" = 40'

15331 | U-9

15331

MADISON, WI

CONTRACT NO: 9538

UTILITIES PLAN & PROFILE - SANITARY EASEMENT

MIDPOINT MEADOWS PHASE 1

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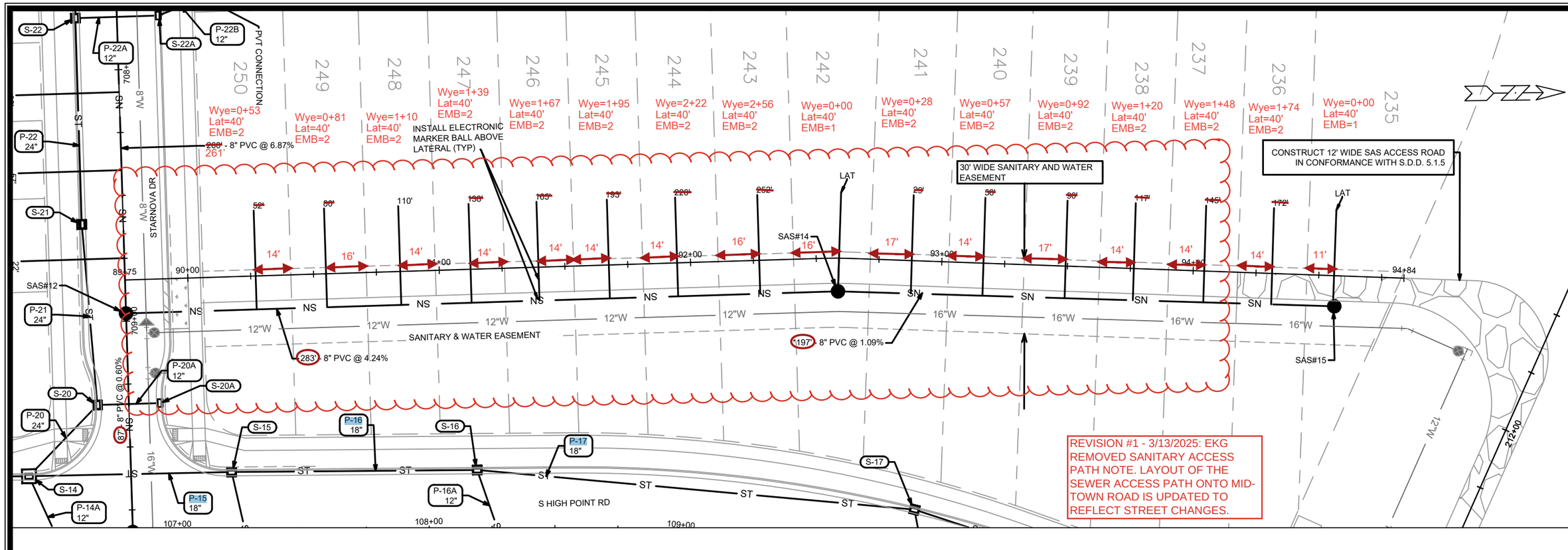
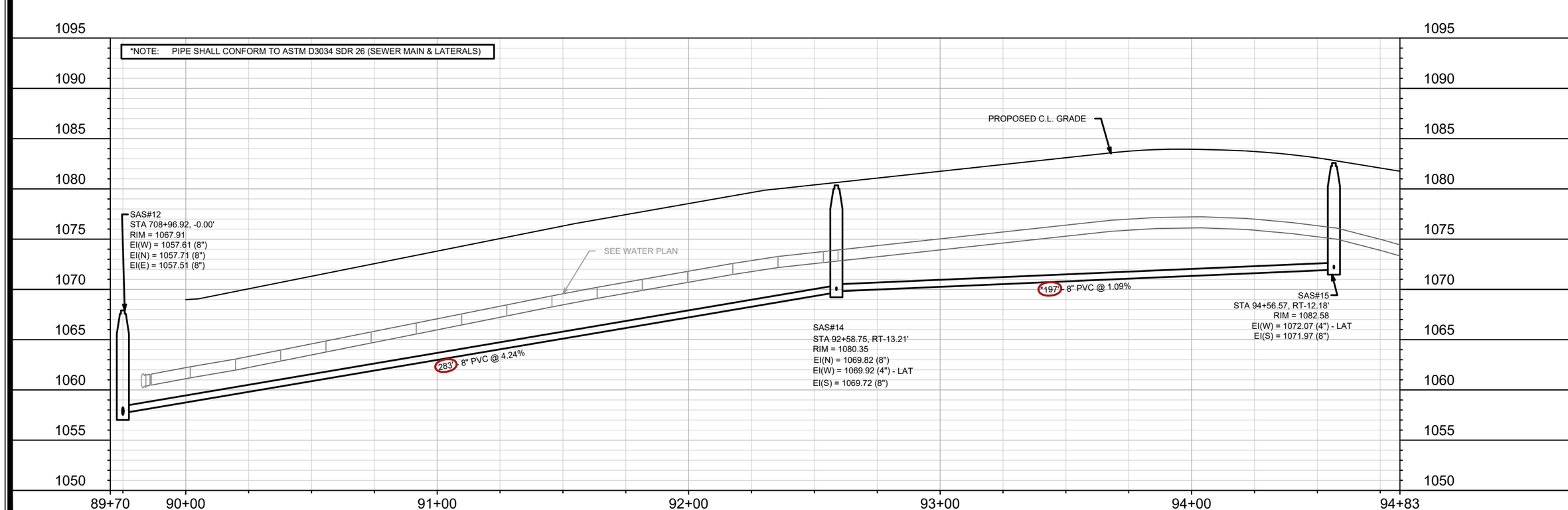
CITY OF MADISON WISCONSIN

15331

U-9





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Designed By: EKG | Date: 3/13/2025 10:28 AM | Scale: 1" = 40'

15331 | U-10

15331

UTILITIES PLAN & PROFILE - SANITARY & WATER EASEMENT

MIDPOINT MEADOWS - PHASE 1

MADISON, WI

CONTRACT NO: 9538

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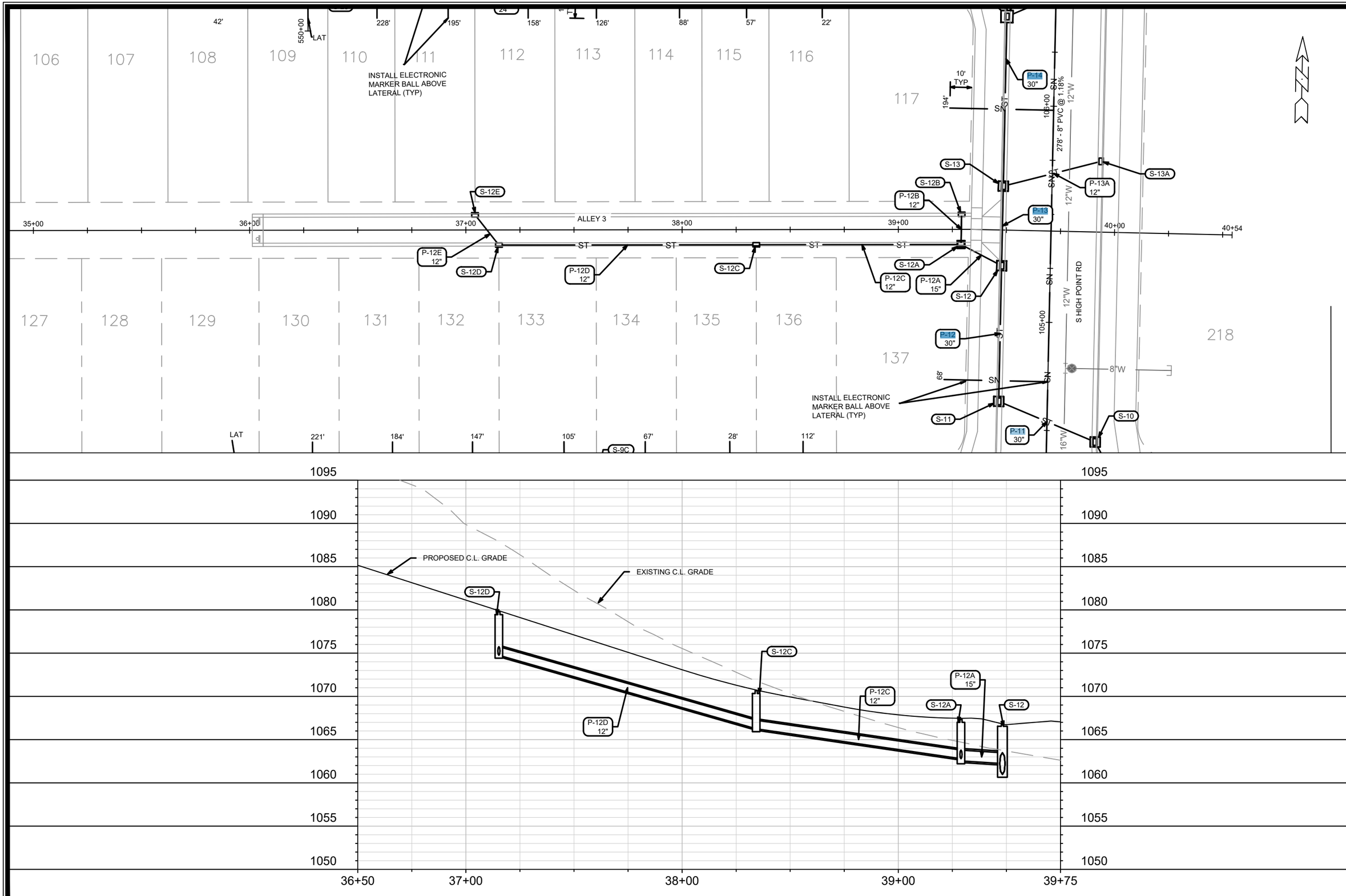
CITY OF MADISON WISCONSIN

15331

U-10



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Designed By: EKG | Date: 11/26/2024 10:03 AM | Scale: 1" = 40'

15331 | U-11

15331

MADISON, WI

CONTRACT NO: 9538

UTILITIES PLAN & PROFILE - ALLEY 3

MIDPOINT MEADOWS PHASE 1

M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg

15331

U-11

REVISION #1 - 3/13/2025: EKG SHEET REPRINTED TO DISPLAY CHANGES TO STREET AND WATER UTILITY.

761+00
762+00
763+00
764+00
764+60
WILD BLUEBELL ST
8" STUB
763+40.59 LT-0.58
EI= 1080.84
62' - 8" PVC @ 3.06%
312' - 8" PVC @ 1.74%
278' - 8" PVC @ 1.18%
*197' - 8" PVC @ 1.09%
283' - 8" PVC @ 4.24%
554+00
553+00
93+00
92+00
53+00
52+00
LEGACY LN
SAS#16
SAS#14
LAT
INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL (TYP)
S-27B
P-27B 12"
S-27C
P-27C 12"
S-27A
P-27A 12"
S-27
P-28 18"
P-27 21"
10' TYP
SANITARY & WATER EASEMENT
16"W
12"W
8"W
74
75
76
77
78
79
80
81
82
224
225
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227
228
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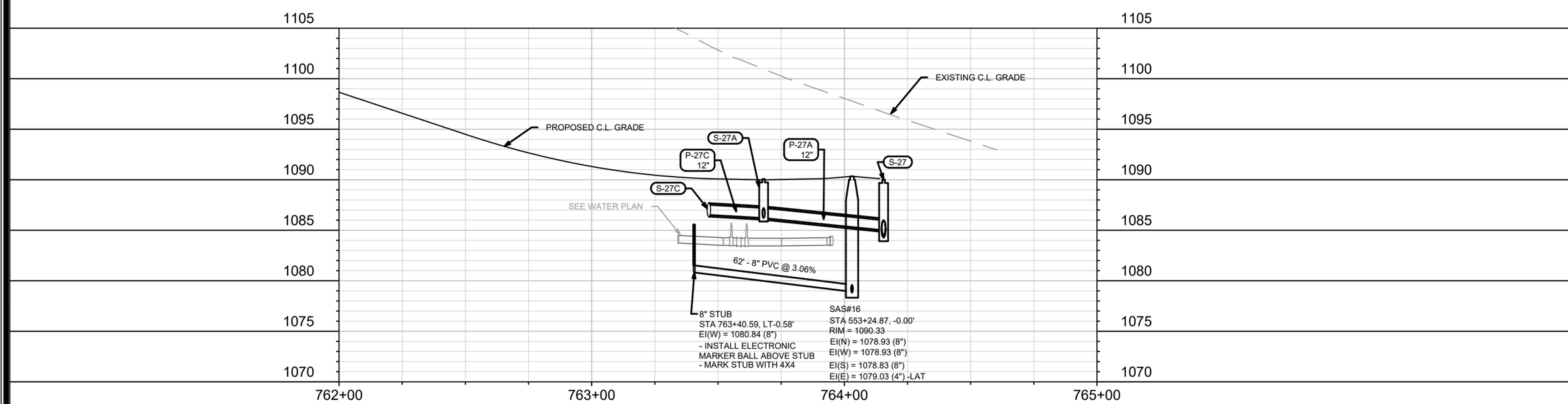
245



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Designed By: EKG | Date: 3/13/2025 10:45 AM | Scale: 1" = 40'

15331 | U-12

15331

MADISON, WI

CONTRACT NO: 9538

UTILITIES PLAN & PROFILE - WILD BLUEBELL ST

MIDPOINT MEADOWS - PHASE 1

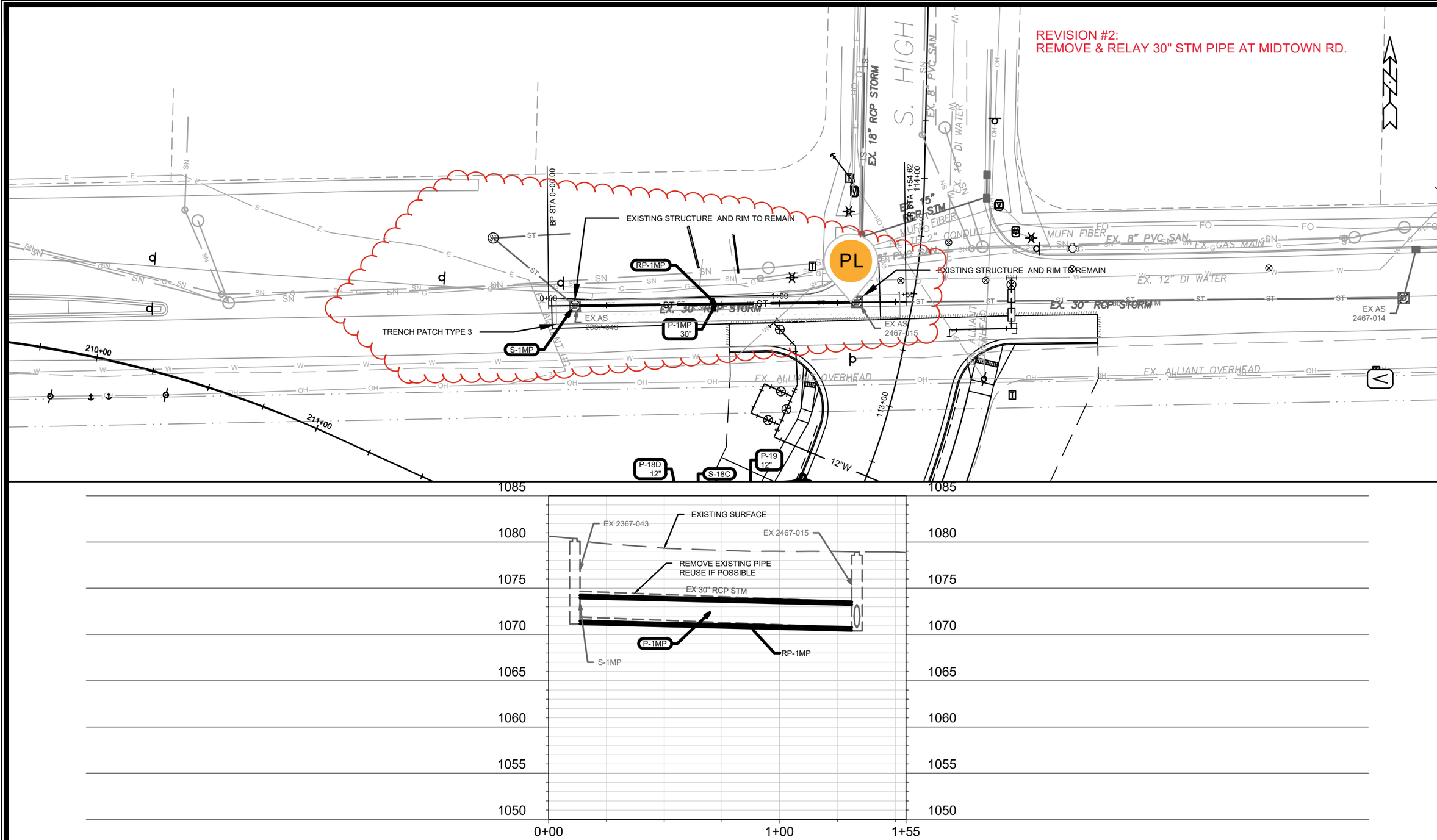
M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg

CITY OF MADISON WISCONSIN

15331

U-12

REVISION #2:
REMOVE & RELAY 30" STM PIPE AT MIDTOWN RD.



MARK	REVISION	DATE	BY
REV2	MIDTOWN PIPE	05/30/25	PDG

Designed By: PDG Date: 05/30/2025 Scale: 1" = 40'

15331 U-12A

15331

UTILITIES PLAN & PROFILE - MID TOWN ROAD EXISTING

MADISON, WI

MIDPOINT MEADOWS - PHASE 1

9538

CONTRACT NO:

M:\DESIGN\Projects\15331\CAD\Sewers\15331SWR-PipeNetwork.dwg

15331

U-12A

SANITARY SEWER SCHEDULE

MIDPOINT MEADOWS PHASE 1	SHEET NO.
PROJECT NO. 15331	U-13
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SANITARY EASEMENT						
SAS#1	73+50.60	CL	1000.09	984.27	15.82	[1], [2]
FIELD DAISY WAY						
SAS#2	669+97.79	CL	1010.09	999.30	10.79	[3]
STONES THROW DRIVE						
SAS#3	668+19.61	RT-7.85	1013.75	1003.25	10.50	-
SAS#4	666+75.00	CL	1019.89	1009.39	10.50	-
SAS#5	665+65.97	CL	1028.11	1017.61	10.50	-
SAS#6	664+70.58	CL	1036.10	1025.60	10.50	-
SAS#7	661+75.00	CL	1058.94	1048.44	10.50	-
SAS#8	659+67.49	CL	1064.00	1053.50	10.50	-
SAS#9	658+50.00	CL	1065.71	1055.21	10.50	-
SAS#10	655+97.81	CL	1085.49	1074.99	10.50	-
S HIGH POINT ROAD						
SAS#11	106+82.18	CL	1068.00	1056.89	11.11	-
STARNOVA DRIVE						
SAS#12	708+96.92	CL	1067.92	1057.51	10.41	[3]
SAS#13	706+37.11	CL	1085.95	1075.45	10.50	-
SANITARY & WATER EASEMENT						
SAS#14	92+58.75	RT-13.21	1080.23	1069.72	10.51	-
SAS#15	94+56.57	RT-12.18	1082.46	1071.97	10.49	-
LEGACY LANE						
SAS#16	553+24.87	CL	1090.33	1078.83	11.50	-
SAS#17	556+36.59	CL	1094.86	1084.34	10.52	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
SANITARY EASEMENT								
SAS#1	SAS#2	988.00	999.30	~~341~~ 345	3.31%	8"	SDR-26	-
FIELD DAISY WAY								
SAS#2	SAS#3	999.40	1003.25	~~178~~ 179	2.16%	8"	SDR-35	-
STONES THROW DRIVE								
SAS#3	SAS#4	1003.35	1009.39	~~145~~ 143	4.17%	8"	SDR-35	-
SAS#4	SAS#5	1009.49	1017.61	~~108~~ 110	7.55%	8"	SDR-35	-
SAS#5	SAS#6	1017.71	1025.60	~~94~~ 90	8.37%	8"	SDR-35	-
SAS#6	SAS#7	1025.70	1048.44	~~298~~ 299	7.69%	8"	SDR-35	-
SAS#7	SAS#8	1048.54	1053.50	~~208~~ 203	2.39%	8"	SDR-35	-
SAS#8	SAS#9	1053.60	1055.21	~~117~~ 123	1.37%	8"	SDR-35	-
SAS#9	SAS#10	1055.31	1074.99	~~252~~ 253	7.80%	8"	SDR-35	-
S HIGH POINT ROAD								
SAS#8	SAS#11	1053.60	1056.89	~~278~~ 280	1.18%	8"	SDR-35	-
STARNOVA DRIVE								
SAS#11	SAS#12	1056.99	1057.51	87	0.60%	8"	SDR-35	-
SAS#12	SAS#13	1057.61	1075.45	~~260~~ 261	6.87%	8"	SDR-35	-
SAS#13	8" STUB	1075.55	1078.66	50	6.21%	8"	SDR-35	-
SANITARY & WATER EASEMENT								
SAS#12	SAS#14	1057.71	1069.72	283	4.24%	8"	SDR-35	-
SAS#14	SAS#15	1069.82	1071.97	197	1.09%	8"	SDR-26	-
LEGACY LANE								
SAS#13	SAS#16	1075.55	1078.83	278	1.18%	8"	SDR-35	-
SAS#16	SAS#17	1078.93	1084.34	312	1.74%	8"	SDR-35	-
WILD BLUEBELL STREET								
SAS#16	8" STUB	1078.93	1080.84	62	3.06%	8"	SDR-35	-

SPECIFIC NOTES

[1] SAS#1 TO BE CONSTRUCTED TO MMSD STANDARD DETAIL DRAWING SHOWN ON SHEET D-1. CONTRACTOR SHALL CONTACT RAY SCHNEIDER AT (608)347-3628 OR RAYS@MADSEWER.ORG FIVE DAYS PRIOR TO MAKING CONNECTION TO MMSD SEWER MAIN TO ARRANGE FOR PERMITTING AND INSPECTION OF SAS#1. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT, PERMIT FEE, AND MEETING ALL MMSD REQUIREMENTS.

[2] INSTALL EXTERNAL SAS WRAP IN CONFORMANCE WITH S.D.D. 5.7.2

[3] INSTALL RIGID INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH S.D.D. 5.7.2

STORM SEWER SCHEDULE

***REVISED 3/13/2025 EKG**

REVISION #1 - 3/13/2025: EKG REMOVED STRUCTURES S-0B AND S-0C. REMOVED PIPE P-0A. CHANGED LOCATION OF S-0D, S-0E, AND P-0B. ADDED DUCTILE IRON AS POSSIBLE MATERIAL FOR P-0B.

MIDPOINT MEADOWS PHASE 1	SHEET NO.
PROJECT NO. 15331	U-14
STORM SEWER SCHEDULE 1	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
SANITARY EASEMENT							
*** S-0D**	**73+13.41**	**RT-57.92**	**NULL**	**-**	**999.69**	**-**	**-**
*** S-0E**	**73+19.40**	**LT-9.65**	**NULL**	**-**	**999.97**	**-**	**-**
FIELD DAISY WAY							
S-0	669+00.09	LT-82.88	42" APRON END	-	1000.83	-	W/ GATE
S-0A	669+70.93	LT-74.67	30" APRON END	-	1001.50	-	W/ GATE
S-1	668+61.14	LT-15.51	TERRACE INLET TYPE 5	1012.63	1005.52	7.11	FP; PER SDD 5.7.12D
STONES THROW DRIVE							
S-2	667+80.64	RT-12.50	4X4 SAS	1015.43	1008.74	6.69	FP; W/R-3067-7004-V
S-3	666+25.90	RT-16.50	4X4 SAS	1023.28	1016.21	7.07	FP; W/R-3067-7004-V
S-3A	665+57.00	RT-16.50	4X4 SAS	1028.95	1022.74	6.21	FP; W/R-3067-7004-V
S-4	664+84.00	RT-16.50	4X4 SAS	1035.05	1028.86	6.19	FP; W/R-3067-7004-V
S-4A	664+85.15	LT-16.50	H-INLET	1034.95	1031.36	3.59	W/R-3067-7004-V
S-5	662+40.60	RT-16.50	4X4 SAS	1055.14	1048.92	6.22	FP; W/R-3067-7004-V
S-5A	662+40.13	LT-16.50	H-INLET	1055.17	1051.09	4.08	W/R-3067-7004-V
S-6	660+18.60	RT-12.50	5X5 SAS	1063.34	1056.50	6.84	FP; W/R-3067-7004-V
S-9	659+16.62	RT-12.50	3X3 SAS	1063.42	1058.87	4.55	FP; LP; W/R-3067-7004-VB
S-9A	659+16.62	LT-12.50	H-INLET	1064.14	1060.46	3.68	LP; W/R-3067-7004-VB
S-9B	657+63.16	RT-16.50	3X3 SAS	1072.53	1066.15	6.38	W/R-3067-7004-V
S-9C	657+59.06	LT-16.50	H-INLET	1072.86	1067.95	4.91	W/R-3067-7004-V
S-9D	655+93.38	RT-16.50	H-INLET	1085.91	1080.08	5.83	W/R-3067-7004-V
S-9E	655+93.37	LT-16.50	H-INLET	1085.91	1081.07	4.84	W/R-3067-7004-V
S HIGH POINT ROAD							
S-7	103+65.14	RT-22.50	3X3 SAS	1062.85	1058.20	4.65	FP; W/R-3067-7004-V
S-8	103+62.96	LT-22.50	3X3 SAS	1062.78	1058.43	4.35	FP; W/R-3067-7004-V
S-10	104+45.16	RT-22.50	4X4 SAS	1065.11	1059.16	5.95	FP; W/R-3067-7004-V
S-11	104+63.00	LT-22.50	4X4 SAS	1065.59	1059.70	5.89	FP; W/R-3067-7004-V
S-12	105+25.75	LT-22.50	4X4 SAS	1066.88	1060.98	5.90	FP; W/R-3067-7004-V
S-13	105+62.56	LT-22.50	4X4 SAS	1067.31	1061.31	6.00	FP; W/R-3067-7004-V
S-13A	105+75.00	RT-22.50	H-INLET	1067.41	1063.81	3.60	W/R-3067-7004-V
S-14	106+41.03	LT-22.50	5X5 SAS	1067.75	1061.78	5.97	FP; W/R-3067-7004-V
S-14A	106+61.28	RT-22.50	H-INLET	1067.85	1064.26	3.59	W/R-3067-7004-V
S-15	107+21.64	LT-23.50	3X3 SAS	1068.13	1063.16	4.97	FP; W/R-3067-7004-V
S-15A	107+31.80	RT-22.50	H-INLET	1068.21	1064.61	3.60	W/R-3067-7004-V
S-16	108+19.28	LT-23.50	3X3 SAS	1068.63	1063.65	4.98	FP; W/R-3067-7004-V
S-16A	108+34.76	RT-22.50	H-INLET	1068.78	1065.13	3.65	W/R-3067-7004-V
S-17	109+88.08	LT-24.82	3X3 SAS	1073.54	1068.00	5.54	FP; W/R-3067-7004-V
S-17A	110+13.11	RT-25.15	H-INLET	1074.36	1070.75	3.61	W/R-3067-7004-V
S-18	111+19.60	LT-26.00	3X3 SAS	1076.92	1072.00	4.92	FP; W/R-3067-7004-V
S-18A	111+15.80	RT-25.00	H-INLET	1076.87	1073.19	3.68	W/R-3067-7004-V
S-19	112+56.63	LT-25.50	H INLET	1077.74	1073.76	3.98	FP; LP; W/R-3067-7004-VB
S-19A	112+56.63	RT-25.50	H-INLET	1077.74	1074.01	3.73	LP; W/R-3067-7004-VB
MID TOWN ROAD (FUTURE)							
S-18B	212+66.24	RT-33.50	3X3 SAS	1079.14	1072.69	6.45	W/R-3067-7004-V; [2]
S-18C	212+66.24	LT-33.50	H INLET	1079.14	1073.52	5.62	FP; W/R-3067-7004-V
S-18D	212+49.35	LT-33.25	12" APRON END	-	1077.43	-	W/ GATE

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
SANITARY EASEMENT										
*** P-0B**	**S-0D**	**S-0E**	**999.69**	**999.97**	**~~68~~ 66**	**68**	**0.41%**	**8"**	**TYPE III**	**[1]**
FIELD DAISY WAY										
P-0	S-0A	S-0B	1001.50	1003.44	~~55~~ 48	53	3.66%	30"	TYPE I	-
P-1	S-0	S-1	1000.83	1005.52	~~70~~ 64	76	6.16%	42"	TYPE I	-
P-2	S-1	S-2	1006.02	1008.74	~~85~~ 88	82	3.31%	36"	TYPE I	-
STONES THROW DRIVE										
P-3	S-2	S-3	1008.74	1016.21	~~152~~ 151	148	5.05%	36"	TYPE I	-
P-3A	S-3	S-3A	1016.21	1022.74	~~62~~ 64	59	11.14%	36"	TYPE I	-
P-4	S-3A	S-4	1022.74	1028.86	~~66~~ 65	62	9.83%	36"	TYPE I	-
P-4A	S-4	S-4A	1030.86	1031.36	~~33~~ 31	30	1.66%	12"	TYPE I	-
P-5	S-4	S-5	1028.86	1048.92	~~242~~ 245.5	239	8.40%	36"	TYPE I	-
P-5A	S-5	S-5A	1050.92	1051.09	33	30	0.57%	36"	TYPE I	-
P-6	S-5	S-6	1048.92	1056.50	~~222~~ 224.5	218	3.48%	36"	TYPE I	-
P-7	S-6	S-7	1058.00	1058.20	40	34	0.59%	18"	TYPE II	-
P-9	S-8	S-9	1058.68	1058.87	39	35	0.54%	15"	TYPE II	-
P-9A	S-9	S-9A	1059.12	1060.46	25	23	5.94%	12"	TYPE I	-
P-9B	S-9	S-9B	1058.87	1066.15	~~154~~ 156	151	4.83%	15"	TYPE I	-
P-9C	S-9B	S-9C	1066.40	1067.95	~~33~~ 34	31	5.03%	12"	TYPE I	-
P-9D	S-9B	S-9D	1066.40	1080.08	~~170~~ 171	167	8.20%	12"	TYPE II	-
P-9E	S-9D	S-9E	1080.08	1081.07	33	31	3.19%	12"	TYPE I	-
S HIGH POINT ROAD										
P-8	S-7	S-8	1058.20	1058.43	45	42	0.55%	18"	TYPE I	-
P-10	S-6	S-10	1057.00	1059.16	~~58~~ 60	53	4.06%	30"	TYPE I	-
P-11	S-10	S-11	1059.16	1059.70	~~49~~ 48	45	1.21%	30"	TYPE I	-
P-12	S-11	S-12	1059.70	1060.98	63	59	2.18%	30"	TYPE II	-
P-13	S-12	S-13	1060.98	1061.31	37	33	1.00%	30"	TYPE I	-
P-13A	S-13	S-13A	1062.81	1063.81	~~47~~ 46.5	44	2.29%	12"	TYPE I	-
P-14	S-13	S-14	1061.31	1061.78	~~78~~ 79.5	74	0.64%	30"	TYPE II	-
P-14A	S-14	S-14A	1063.28	1064.26	~~49~~ 48.5	46	2.15%	12"	TYPE I	-
P-15	S-14	S-15	1062.78	1063.16	81	77	0.50%	18"	TYPE I	-
P-15A	S-15	S-15A	1063.66	1064.61	~~47~~ 46	45	2.13%	12"	TYPE I	-
P-16	S-15	S-16	1063.16	1063.65	~~98~~ 97.5	95	0.52%	18"	TYPE II	-
P-16A	S-16	S-16A	1064.15	1065.13	~~49~~ 48	46	2.14%	12"	TYPE I	-
P-17	S-16	S-17	1063.65	1068.00	175	172	2.53%	18"	TYPE I	-
P-17A	S-17	S-17A	1068.50	1070.75	~~58~~ 55	53	4.24%	12"	TYPE I	-
P-18	S-17	S-18	1068.00	1072.00	~~134~~ 133	131	3.06%	18"	TYPE II	-
P-18A	S-18	S-18A	1072.50	1073.19	~~51~~ 50	49	1.42%	12"	TYPE I	-
P-19	S-18C	S-19	1073.52	1073.76	~~48~~ 48.5	45	0.53%	12"	TYPE II	-
P-19A	S-19	S-19A	1073.76	1074.01	~~51~~ 50.5	49	0.51%	12"	TYPE I	-
RAYMOND ROAD										
P-18B	S-18	S-18B	1072	1072.69	57	53	1.30%	18"	TYPE II	-
P-18C	S-18B	S-18C	1073.19	1073.52	~~67~~ 66.5	65	0.51%	12"	TYPE I	-
P-18D	S-18C	S-18D	1073.52	1077.43	~~47~~ 9.5+6' AE	16	24.73%	12"	TYPE I	-

SPECIFIC NOTES

*** [1] TYPE III MUST BE DUCTILE IRON OR C900 PVC**

[2] BOX OUT TO WEST FOR FUTURE 18" AT EI= 1072.69

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.

- 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 SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- 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 REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

- 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

-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 ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

MIDPOINT MEADOWS PHASE 1	SHEET NO.
PROJECT NO. 15331	U-15
STORM SEWER SCHEDULE 2	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
ALLEY 3							
S-12A	39+29.00	RT-7.00	3X3 SAS	1067.33	1062.54	4.79	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12B	39+29.27	LT-7.00	H-INLET	1067.57	1063.78	3.79	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12C	38+34.27	RT-7.00	H-INLET	1070.66	1066.25	4.41	W/R-3362-L; PER SDD 5.7.33; [3]
S-12D	37+15.27	LT-7.00	H-INLET	1079.78	1074.75	5.03	FP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12E	37+04.26	LT-7.00	H-INLET	1080.90	1075.64	5.26	W/R-3362-L; PER SDD 5.7.33; [3]
STARNOVA DRIVE							
S-20	709+32.93	RT-12.50	3X3 SAS	1067.46	1062.46	5.00	FP; LP; W/R-3067-7004-VB
S-20A	709+32.93	LT-12.50	H-INLET	1067.46	1063.97	3.49	LP; W/R-3067-7004-VB
S-21	708+61.00	RT-16.50	3X3 SAS	1069.61	1063.54	6.07	FP; W/R-3067-7004-V
S-22	707+79.00	RT-16.50	3X3 SAS	1076.21	1070.00	6.21	FP; W/R-3067-7004-V
S-22A	707+79.00	LT-16.50	H-INLET	1076.21	1072.45	3.76	W/R-3067-7004-V; [4]
S-23	706+61.04	RT-12.50	3X3 SAS	1084.67	1078.56	6.11	FP; W/R-3067-7004-V
S-24	705+96.65	RT-12.50	H-INLET	1088.53	1084.00	4.53	W/R-3067-7004-V
S-24A	705+96.65	LT-12.50	H-INLET	1088.53	1085.14	3.39	W/R-3067-7004-V
LEGACY LANE							
S-25	550+81.87	RT-16.50	3X3 SAS	1085.39	1080.59	4.80	LP; W/R-3067-7004-VB
S-25A	550+81.87	LT-16.50	H-INLET	1086.59	1082.99	3.60	LP; W/R-3067-7004-VB
S-26	551+70.42	RT-16.50	3X3 SAS	1087.29	1082.49	4.80	W/R-3067-7004-V
S-27	552+97.80	RT-12.50	3X3 SAS	1090.01	1084.25	5.76	W/R-3067-7004-V
S-28	554+92.85	RT-16.50	3X3 SAS	1093.20	1087.50	5.70	W/R-3067-7004-V
S-29	555+28.15	RT-16.50	PIPE PLUG	-	1088.10	-	-
ALLEY 2							
S-26A	26+02.61	RT-7.00	H-INLET	1088.29	1084.70	3.59	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-26B	26+02.61	LT-7.00	H-INLET	1088.53	1084.94	3.59	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-26C	25+95.34	RT-6.98	PIPE PLUG	-	1084.96	-	-
WILD BLUEBELL STREET							
S-27A	763+68.05	RT-16.50	H-INLET	1090.07	1086.21	3.86	FP; LP; W/R-3067-7004-VB
S-27B	763+68.05	LT-16.50	H-INLET	1090.67	1087.07	3.60	LP; W/R-3067-7004-VB
S-27C	763+46.38	LT-16.36	PIPE PLUG	-	1086.52	-	-
ALLEY 1							
S-28A	13+72.01	RT-6.99	H-INLET	1094.12	1090.52	3.60	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-28B	13+72.84	LT-7.00	H-INLET	1094.36	1090.72	3.64	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-28C	13+63.66	RT-7.06	PIPE PLUG	-	1090.60	-	-

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
ALLEY 3										
P-12A	S-12	S-12A	1062.23	1062.54	21	17	1.80%	15"	TYPE II	-
P-12B	S-12A	S-12B	1062.79	1063.78	14	12	8.53%	12"	TYPE I	-
P-12C	S-12A	S-12C	1062.79	1066.25	95	92	3.77%	12"	TYPE II	-
P-12D	S-12C	S-12D	1066.25	1074.75	~~119~~ 120	116	7.32%	12"	TYPE II	-
P-12E	S-12D	S-12E	1074.75	1075.64	~~18~~ 17	15	5.86%	12"	TYPE I	-
STARNOVA DRIVE										
P-20	S-14	S-20	1062.28	1062.46	39	33	0.54%	24"	TYPE II	-
P-20A	S-20	S-20A	1063.46	1063.97	~~25~~ 23.5	23	2.26%	12"	TYPE I	-
P-21	S-20	S-21	1062.46	1063.54	72	69	1.56%	24"	TYPE I	-
P-22	S-21	S-22	1063.54	1070.00	~~82~~ 82.5	79	8.16%	24"	TYPE II	-
P-22A	S-22	S-22A	1071.00	1072.45	~~33~~ 32	31	4.74%	12"	TYPE I	-
P-22B	S-22	PVT INLET	1072.45	1072.86	20	17	2.41%	12"	TYPE II	-
P-23	S-22	S-23	1070.00	1078.56	~~118~~ 119	115	7.43%	24"	TYPE II	-
P-24	S-23	S-24	1079.56	1084.00	64	61	7.22%	12"	TYPE II	-
P-24A	S-24	S-24A	1084.00	1085.14	25	23	4.94%	12"	TYPE I	-
LEGACY LANE										
P-25	S-23	S-25	1078.81	1080.59	~~48~~ 49	45	3.95%	21"	TYPE I	-
P-25A	S-25	S-25A	1081.34	1082.99	~~33~~ 32	31	5.40%	12"	TYPE I	-
P-26	S-25	S-26	1080.59	1082.49	~~89~~ 88	86	2.22%	21"	TYPE I	-
P-27	S-26	S-27	1082.49	1084.25	~~127~~ 127.5	124	1.41%	21"	TYPE I	-
P-28	S-27	S-28	1084.50	1087.50	~~194~~ 195	191	1.57%	18"	TYPE II	-
P-29	S-28	S-29	1087.75	1088.10	35	34	1.04%	15"	TYPE II	-
ALLEY 2										
P-26A	S-26	S-26A	1083.24	1084.70	52	49	3.00%	12"	TYPE I	-
P-26B	S-26A	S-26B	1084.70	1084.94	14	12	2.00%	12"	TYPE I	-
P-26C	S-26A	S-26C	1084.70	1084.96	~~7~~ 10.5	6	4.48%	12"	TYPE I	-
WILD BLUEBELL STREET										
P-27A	S-27	S-27A	1085.00	1086.21	49	46	2.65%	12"	TYPE I	-
P-27B	S-27A	S-27B	1086.21	1087.07	~~33~~ 32.5	31	2.77%	12"	TYPE I	-
P-27C	S-27A	S-27C	1086.21	1086.52	22	20	1.54%	12"	TYPE I	-
ALLEY 1										
P-28A	S-28	S-28A	1088.00	1090.52	51	48	5.22%	12"	TYPE I	-
P-28B	S-28A	S-28B	1090.52	1090.72	14	12	1.66%	12"	TYPE I	-
P-28C	S-28A	S-28C	1090.52	1090.60	8	7	1.17%	12"	TYPE I	-

SPECIFIC NOTES

[3] STA / OFF TO CENTER OF STRUCTURE; TC IS EDGE OF PAVEMENT
[4] BOX OUT TO NORTH FOR PVT CONNECTION EI =1072.45

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.
- 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 SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- 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 REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

- 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
-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 ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

REV 2:RELAY MIDPOINT PIPE

MIDPOINT MEADOWS PHASE 1	SHEET NO.
PROJECT NO. 15331	U-16
STORM SEWER SCHEDULE 2	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
ALLEY 3							
S-12A	39+29.00	RT-7.00	3X3 SAS	1067.33	1062.54	4.79	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12B	39+29.27	LT-7.00	H-INLET	1067.57	1063.78	3.79	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12C	38+34.27	RT-7.00	H-INLET	1070.66	1066.25	4.41	W/R-3362-L; PER SDD 5.7.33; [3]
S-12D	37+15.27	LT-7.00	H-INLET	1079.78	1074.75	5.03	FP; W/R-3362-L; PER SDD 5.7.33; [3]
S-12E	37+04.26	LT-7.00	H-INLET	1080.90	1075.64	5.26	W/R-3362-L; PER SDD 5.7.33; [3]
STARNOVA DRIVE							
S-20	709+32.93	RT-12.50	3X3 SAS	1067.46	1062.46	5.00	FP; LP; W/R-3067-7004-VB
S-20A	709+32.93	LT-12.50	H-INLET	1067.46	1063.97	3.49	LP; W/R-3067-7004-VB
S-21	708+61.00	RT-16.50	3X3 SAS	1069.61	1063.54	6.07	FP; W/R-3067-7004-V
S-22	707+79.00	RT-16.50	3X3 SAS	1076.21	1070.00	6.21	FP; W/R-3067-7004-V
S-22A	707+79.00	LT-16.50	H-INLET	1076.21	1072.45	3.76	W/R-3067-7004-V; [4]
S-23	706+61.04	RT-12.50	3X3 SAS	1084.67	1078.56	6.11	FP; W/R-3067-7004-V
S-24	705+96.65	RT-12.50	H-INLET	1088.53	1084.00	4.53	W/R-3067-7004-V
S-24A	705+96.65	LT-12.50	H-INLET	1088.53	1085.14	3.39	W/R-3067-7004-V
LEGACY LANE							
S-25	550+81.87	RT-16.50	3X3 SAS	1085.39	1080.59	4.80	LP; W/R-3067-7004-VB
S-25A	550+81.87	LT-16.50	H-INLET	1086.59	1082.99	3.60	LP; W/R-3067-7004-VB
S-26	551+70.42	RT-16.50	3X3 SAS	1087.29	1082.49	4.80	W/R-3067-7004-V
S-27	552+97.80	RT-12.50	3X3 SAS	1090.01	1084.25	5.76	W/R-3067-7004-V
S-28	554+92.85	RT-16.50	3X3 SAS	1093.20	1087.50	5.70	W/R-3067-7004-V
S-29	555+28.15	RT-16.50	PIPE PLUG	-	1088.10	-	-
ALLEY 2							
S-26A	26+02.61	RT-7.00	H-INLET	1088.29	1084.70	3.59	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-26B	26+02.61	LT-7.00	H-INLET	1088.53	1084.94	3.59	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-26C	25+95.34	RT-6.98	PIPE PLUG	-	1084.96	-	-
WILD BLUEBELL STREET							
S-27A	763+68.05	RT-16.50	H-INLET	1090.07	1086.21	3.86	FP; LP; W/R-3067-7004-VB
S-27B	763+68.05	LT-16.50	H-INLET	1090.67	1087.07	3.60	LP; W/R-3067-7004-VB
S-27C	763+46.38	LT-16.36	PIPE PLUG	-	1086.52	-	-
ALLEY 1							
S-28A	13+72.01	RT-6.99	H-INLET	1094.12	1090.52	3.60	FP; LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-28B	13+72.84	LT-7.00	H-INLET	1094.36	1090.72	3.64	LP; W/R-3362-L; PER SDD 5.7.33; [3]
S-28C	13+63.66	RT-7.06	PIPE PLUG	-	1090.60	-	-
MIDPOINT ROAD EXISTING							
S-1MP	0+11.32	LT-0.13	STORM TAP		1071.46		[5]

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
ALLEY 3										
P-12A	S-12	S-12A	1062.23	1062.54	21	17	1.80%	15"	TYPE II	-
P-12B	S-12A	S-12B	1062.79	1063.78	14	12	8.53%	12"	TYPE I	-
P-12C	S-12A	S-12C	1062.79	1066.25	95	92	3.77%	12"	TYPE II	-
P-12D	S-12C	S-12D	1066.25	1074.75	~~119~~ 120	116	7.32%	12"	TYPE II	-
P-12E	S-12D	S-12E	1074.75	1075.64	~~18~~ 17	15	5.86%	12"	TYPE I	-
STARNOVA DRIVE										
P-20	S-14	S-20	1062.28	1062.46	39	33	0.54%	24"	TYPE II	-
P-20A	S-20	S-20A	1063.46	1063.97	~~25~~ 23.5	23	2.26%	12"	TYPE I	-
P-21	S-20	S-21	1062.46	1063.54	72	69	1.56%	24"	TYPE I	-
P-22	S-21	S-22	1063.54	1070.00	~~82~~ 82.5	79	8.16%	24"	TYPE II	-
P-22A	S-22	S-22A	1071.00	1072.45	~~33~~ 32	31	4.74%	12"	TYPE I	-
P-22B	S-22	PVT INLET	1072.45	1072.86	20	17	2.41%	12"	TYPE II	-
P-23	S-22	S-23	1070.00	1078.56	~~118~~ 119	115	7.43%	24"	TYPE II	-
P-24	S-23	S-24	1079.56	1084.00	64	61	7.22%	12"	TYPE II	-
P-24A	S-24	S-24A	1084.00	1085.14	25	23	4.94%	12"	TYPE I	-
LEGACY LANE										
P-25	S-23	S-25	1078.81	1080.59	~~48~~ 49	45	3.95%	21"	TYPE I	-
P-25A	S-25	S-25A	1081.34	1082.99	~~33~~ 32	31	5.40%	12"	TYPE I	-
P-26	S-25	S-26	1080.59	1082.49	~~89~~ 88	86	2.22%	21"	TYPE I	-
P-27	S-26	S-27	1082.49	1084.25	~~127~~ 127.5	124	1.41%	21"	TYPE I	-
P-28	S-27	S-28	1084.50	1087.50	~~194~~ 195	191	1.57%	18"	TYPE II	-
P-29	S-28	S-29	1087.75	1088.10	35	34	1.04%	15"	TYPE II	-
ALLEY 2										
P-26A	S-26	S-26A	1083.24	1084.70	52	49	3.00%	12"	TYPE I	-
P-26B	S-26A	S-26B	1084.70	1084.94	14	12	2.00%	12"	TYPE I	-
P-26C	S-26A	S-26C	1084.70	1084.96	~~7~~ 10.5	6	4.48%	12"	TYPE I	-
WILD BLUEBELL STREET										
P-27A	S-27	S-27A	1085.00	1086.21	49	46	2.65%	12"	TYPE I	-
P-27B	S-27A	S-27B	1086.21	1087.07	~~33~~ 32.5	31	2.77%	12"	TYPE I	-
P-27C	S-27A	S-27C	1086.21	1086.52	22	20	1.54%	12"	TYPE I	-
ALLEY 1										
P-28A	S-28	S-28A	1088.00	1090.52	51	48	5.22%	12"	TYPE I	-
P-28B	S-28A	S-28B	1090.52	1090.72	14	12	1.66%	12"	TYPE I	-
P-28C	S-28A	S-28C	1090.52	1090.60	8	7	1.17%	12"	TYPE I	-
MIDPOINT ROAD EXISTING										
P-1MP	AS 2467-015	AS 2367-043	1070.73	1071.46	122	122	0.60%	30"	TYPE 1	REUSE EXISTING PIPE
STORM PIPE REMOVALS										
RP-1MP	AS 2467-015	AS 2367-043				122			RCP	

SPECIFIC NOTES

[3] STA / OFF TO CENTER OF STRUCTURE; TC IS EDGE OF PAVEMENT
[4] BOX OUT TO NORTH FOR PVT CONNECTION EI =1072.45
[5] REMOVE EX 30' RCP AND TAP AT NEW INVERT

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.
- 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 SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- 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 REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

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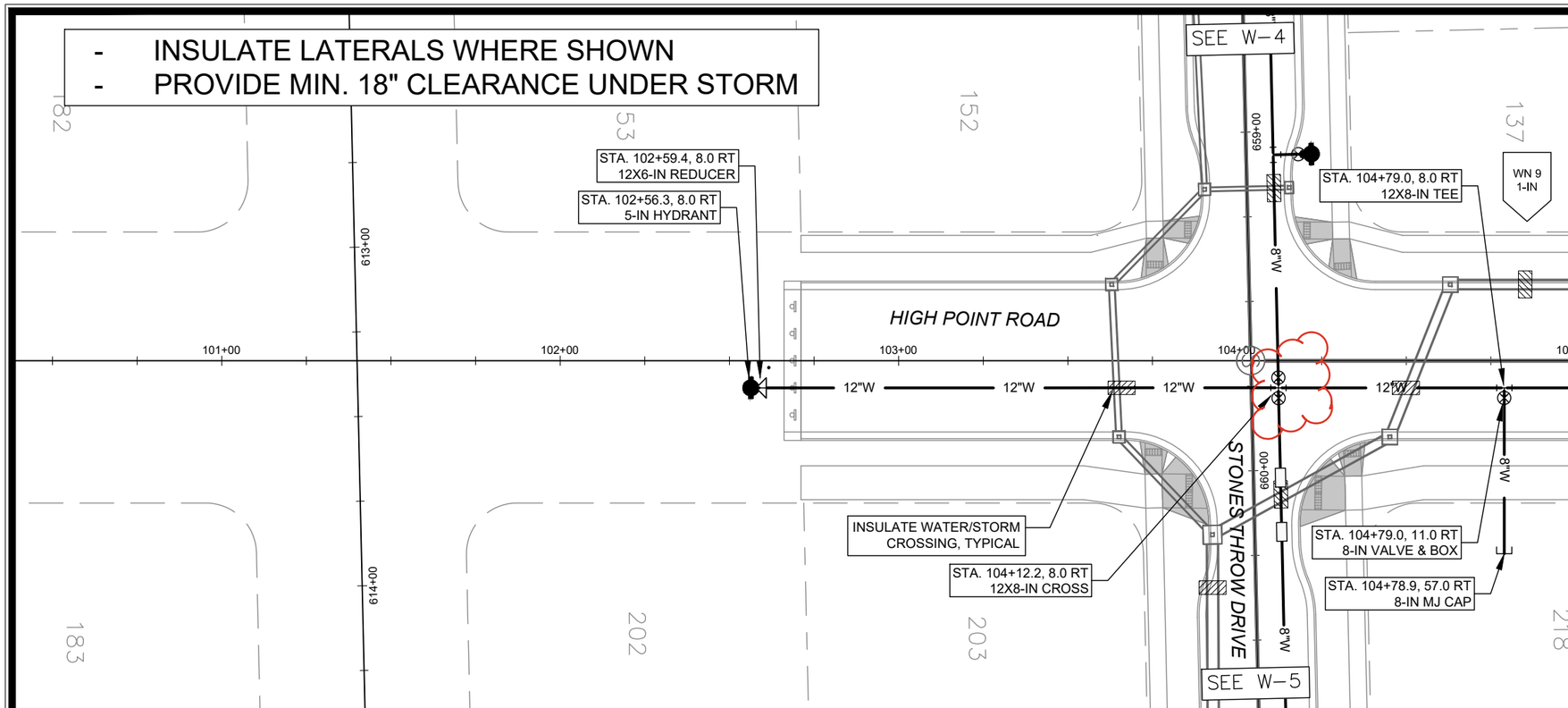
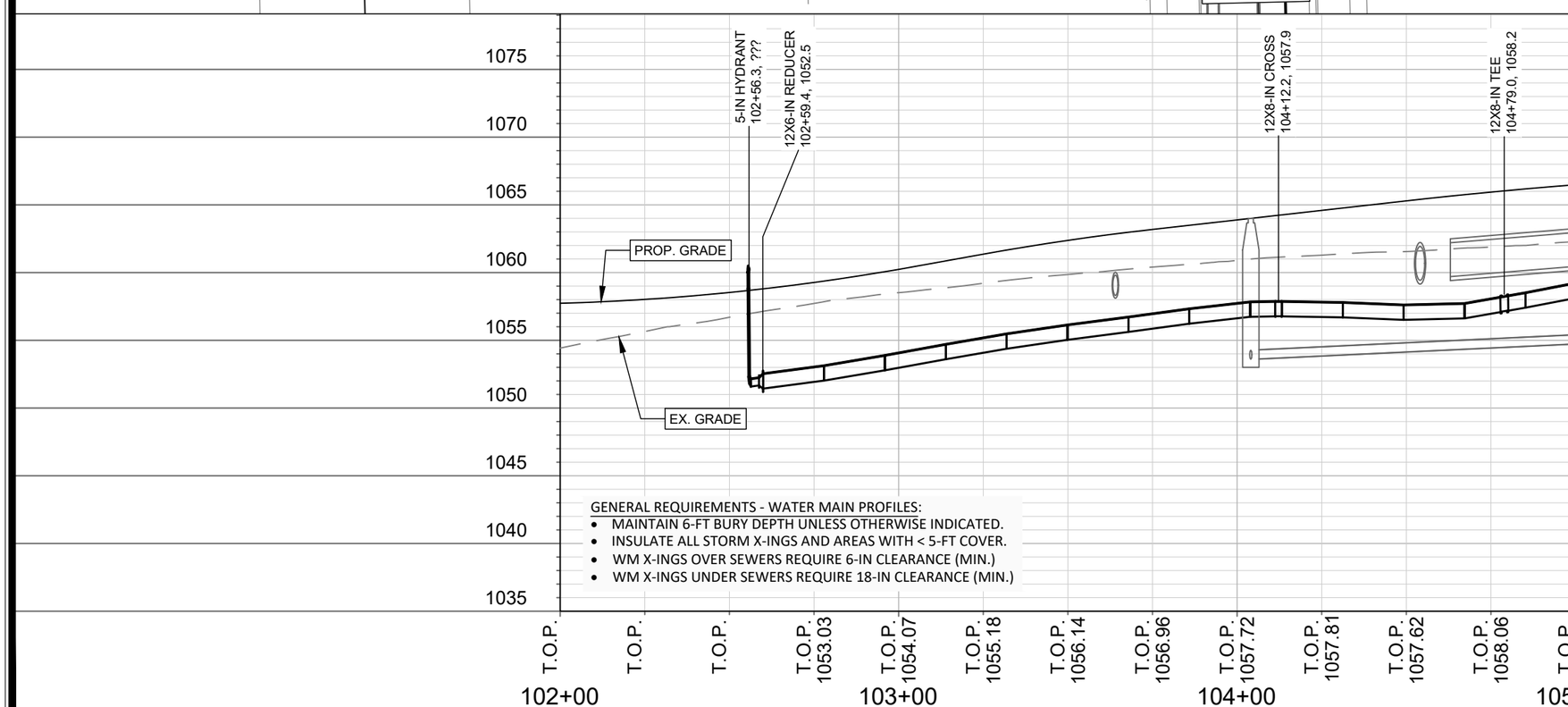
- INSULATE LATERALS WHERE SHOWN
- PROVIDE MIN. 18" CLEARANCE UNDER STORM



REV #1 - 3/12/2025 NGM
- MOVED VALVES CLOSER TO THE CROSS



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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Designed By: NGM | Date: 3/12/2025 8:15 AM | Scale: 1" = 40'

15331 | W-1

15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - S. HIGH POINT ROAD

MIDPOINT MEADOWS - PHASE 1

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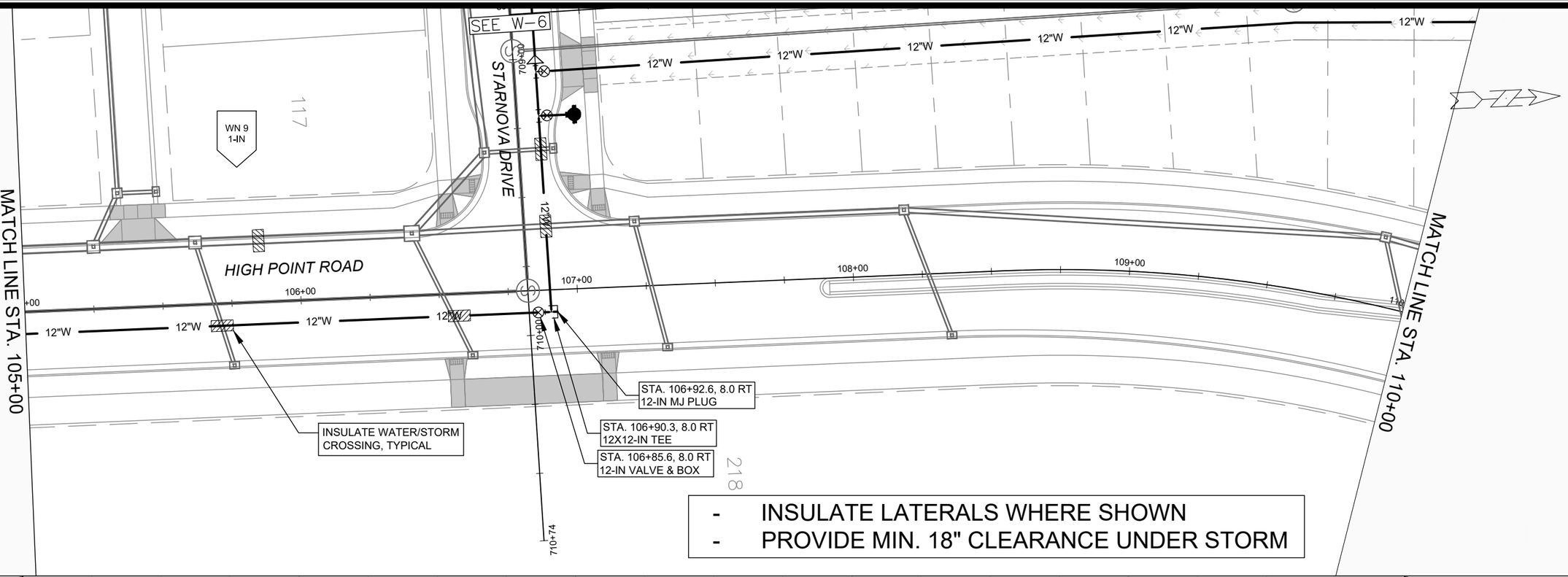
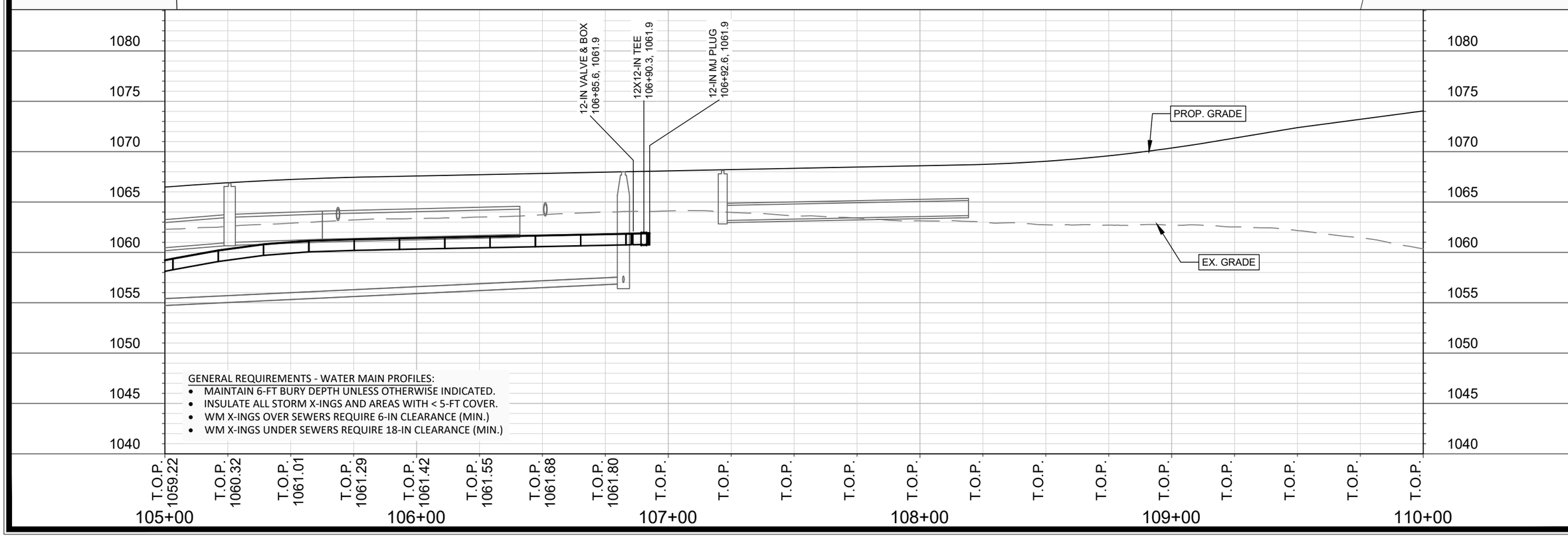
15331

W-1



- INSULATE LATERALS WHERE SHOWN
- PROVIDE MIN. 18" CLEARANCE UNDER STORM



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15331 | W-2

15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - S. HIGH POINT ROAD

MIDPOINT MEADOWS - PHASE 1

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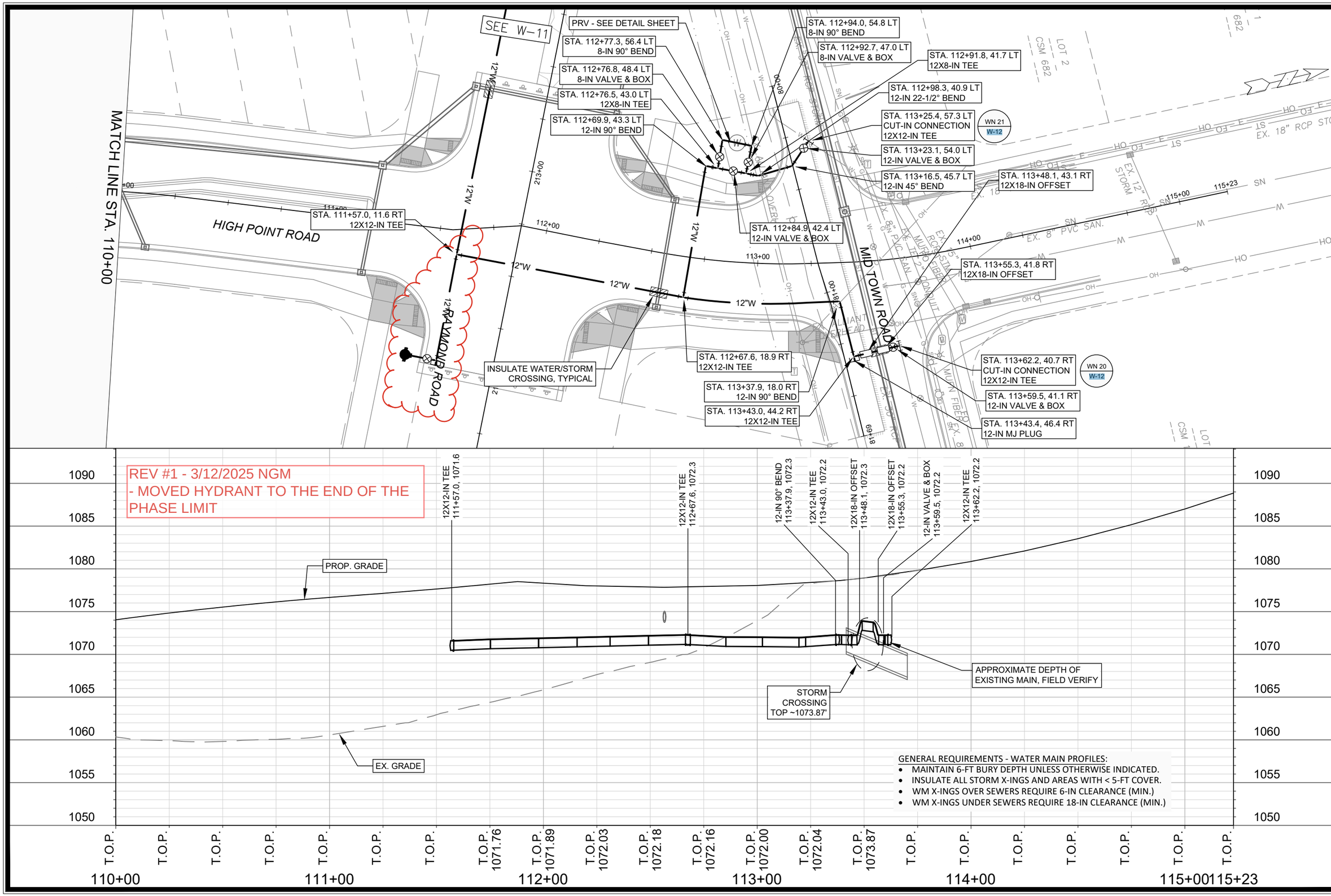
15331

W-2



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15331

CONTRACT NO: 9538

MADISON, WI

WATER PLAN AND PROFILE - S. HIGH POINT ROAD

MIDPOINT MEADOWS - PHASE 1

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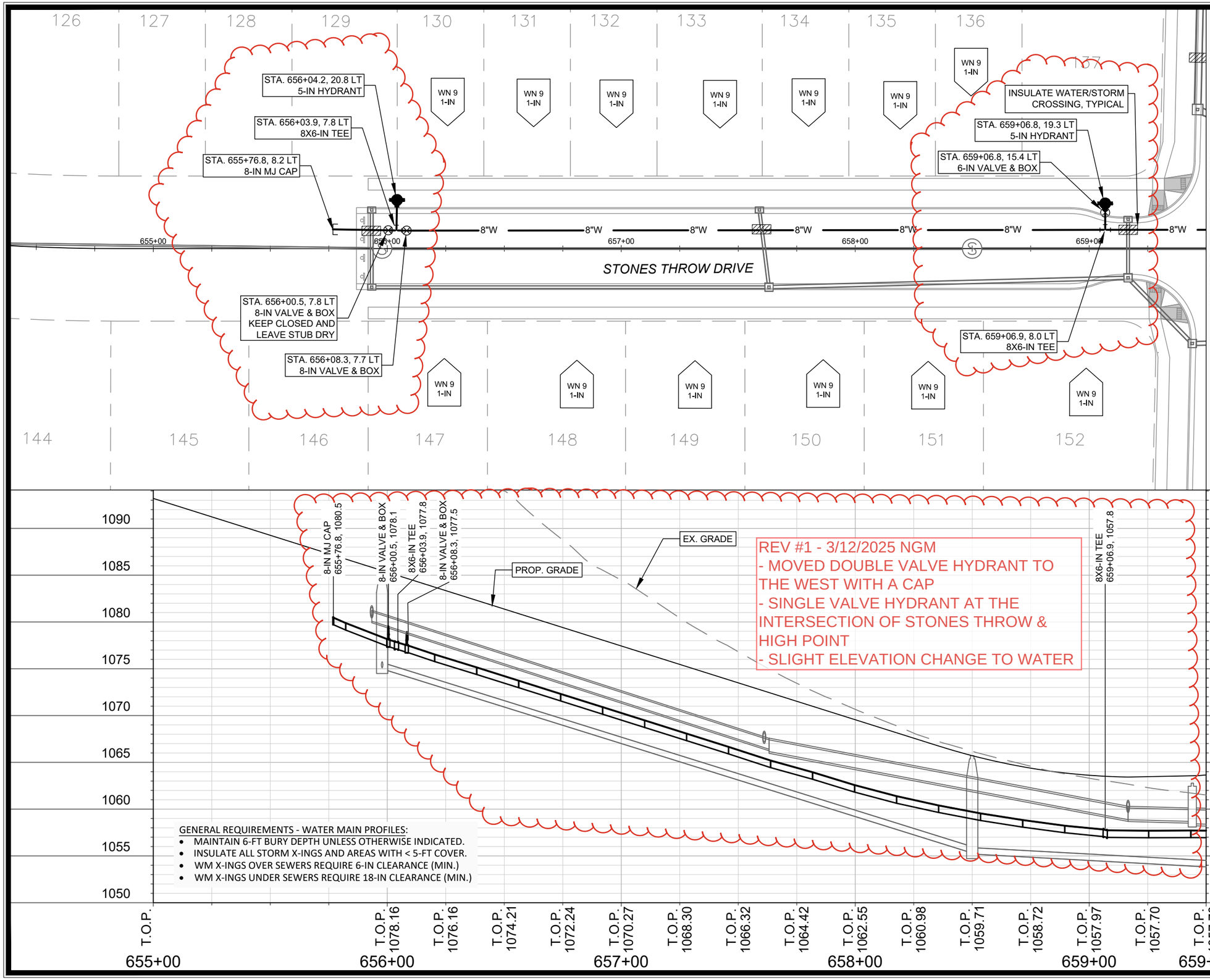
15331

W-3



REV #1 - 3/12/2025 NGM
- MOVED DOUBLE VALVE HYDRANT TO THE WEST WITH A CAP
- SINGLE VALVE HYDRANT AT THE INTERSECTION OF STONES THROW & HIGH POINT
- SLIGHT ELEVATION CHANGE TO WATER

GENERAL REQUIREMENTS - WATER MAIN PROFILES:

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15331 | W-4

15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - STONES THROW DRIVE

MIDPOINT MEADOWS - PHASE 1

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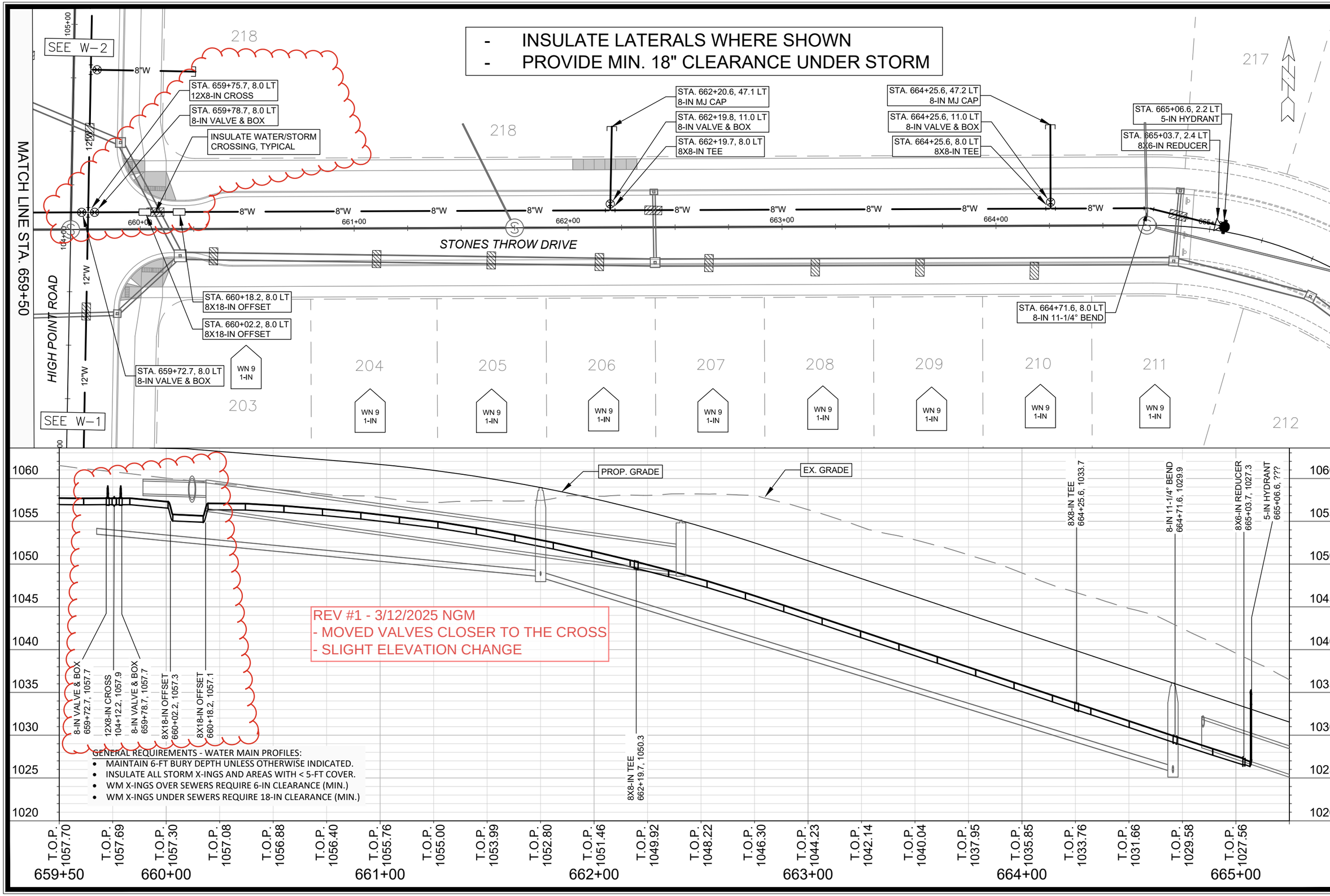
15331

W-4

- INSULATE LATERALS WHERE SHOWN
- PROVIDE MIN. 18" CLEARANCE UNDER STORM



REV #1 - 3/12/2025 NGM
- MOVED VALVES CLOSER TO THE CROSS
- SLIGHT ELEVATION CHANGE

GENERAL REQUIREMENTS - WATER MAIN PROFILES:

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15331 | W-5

15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - STONES THROW DRIVE

MIDPOINT MEADOWS - PHASE 1

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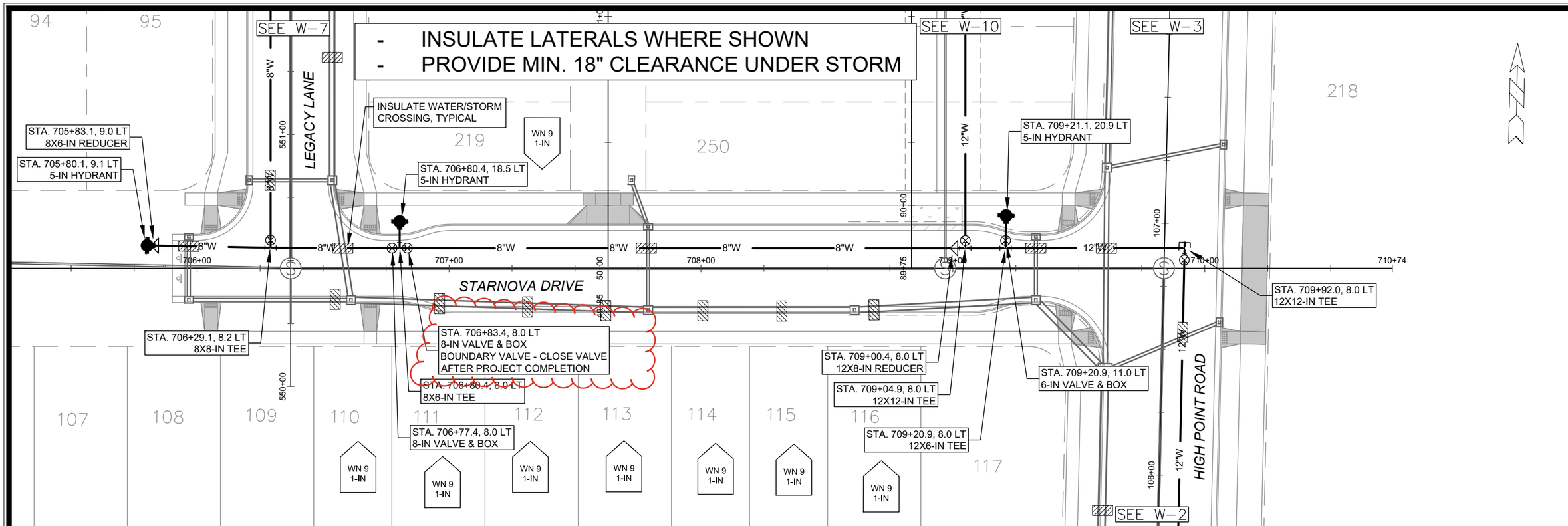
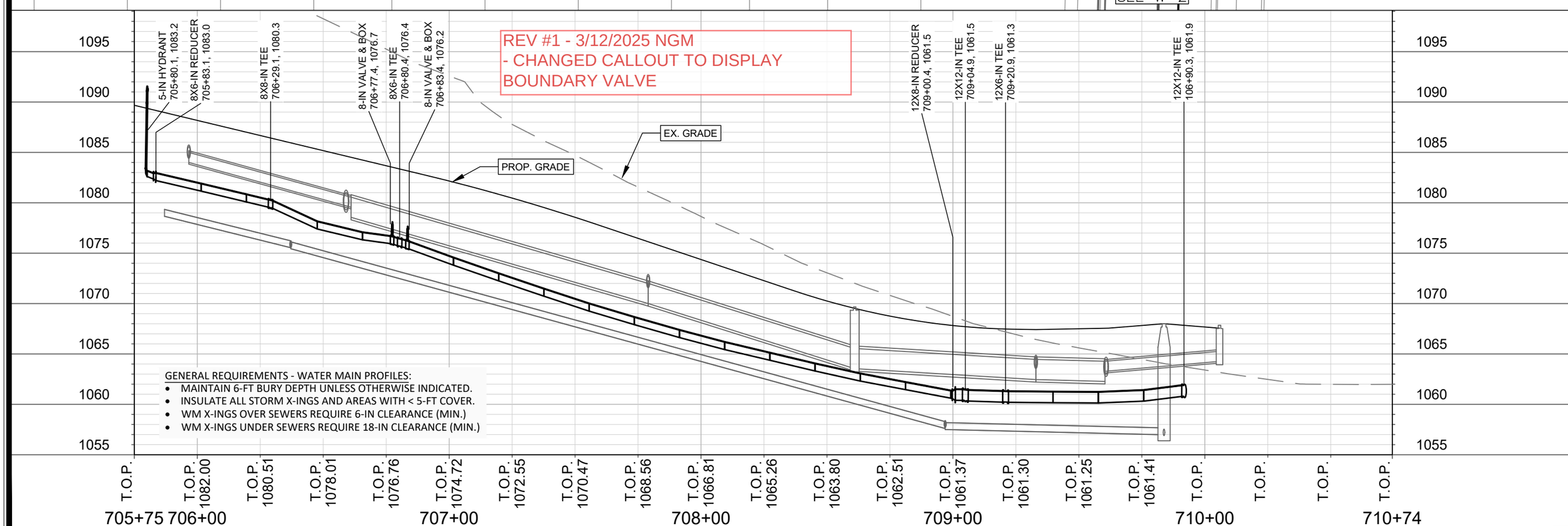
15331

W-5

- INSULATE LATERALS WHERE SHOWN
- PROVIDE MIN. 18" CLEARANCE UNDER STORM



REV #1 - 3/12/2025 NGM
- CHANGED CALLOUT TO DISPLAY BOUNDARY VALVE



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15331 | W-6

15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - STARNOVA DRIVE

MIDPOINT MEADOWS - PHASE 1

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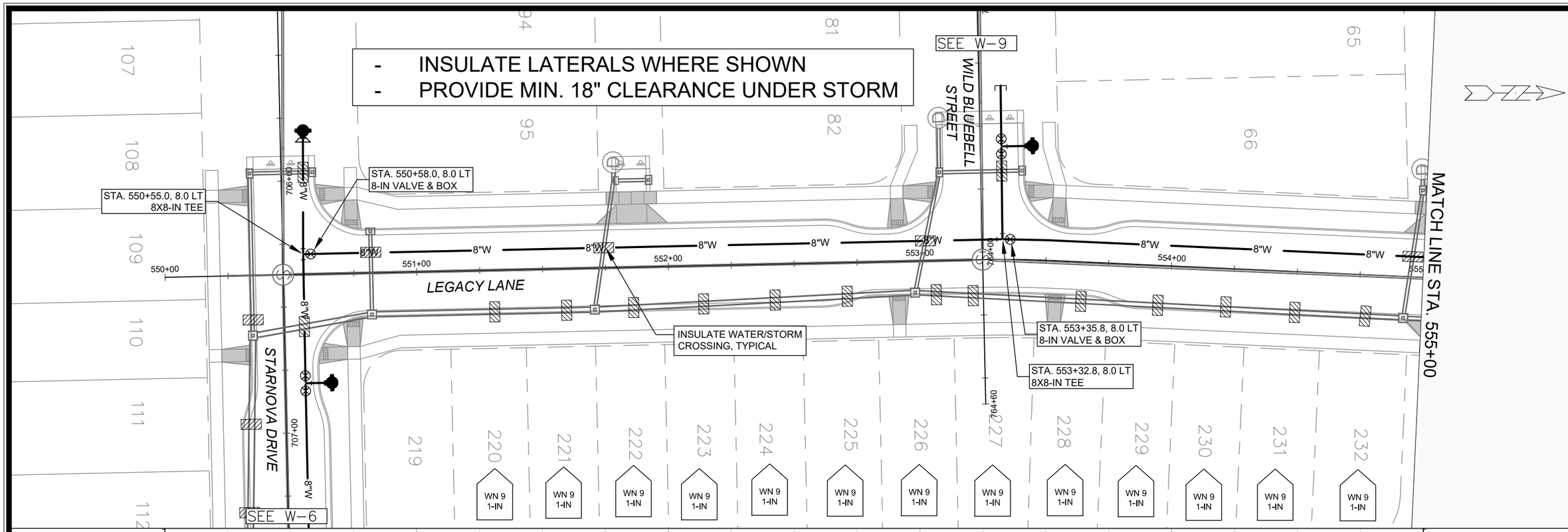
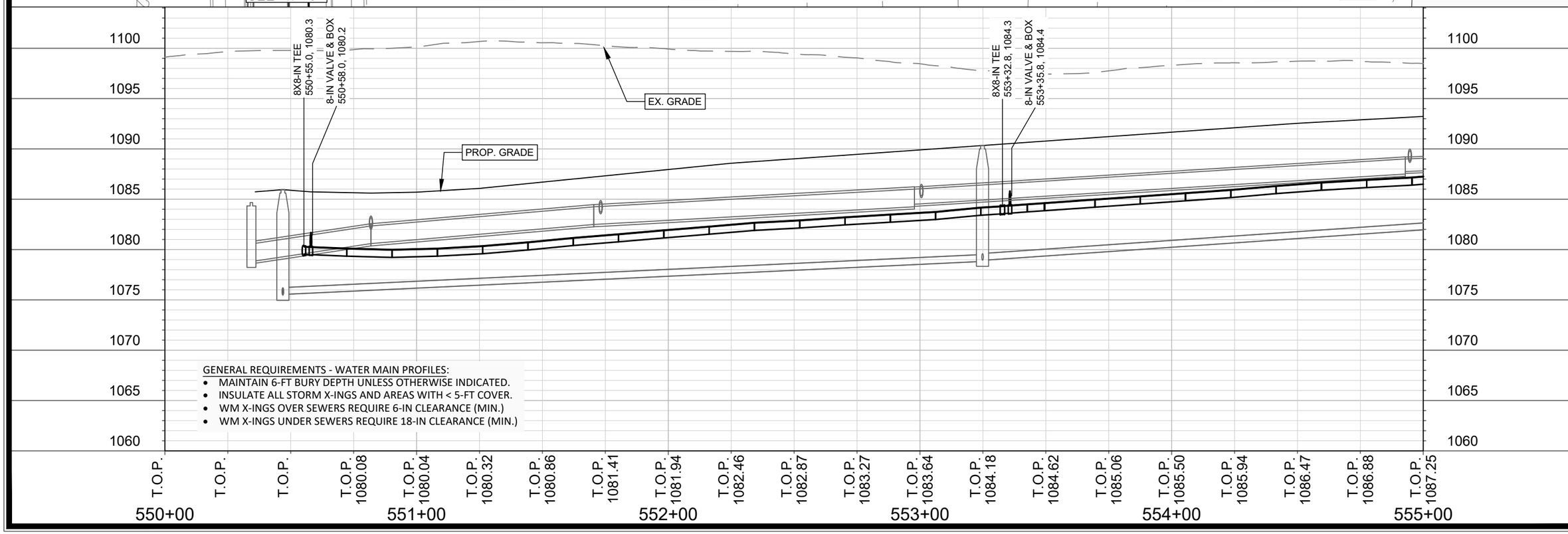
15331

W-6

- INSULATE LATERALS WHERE SHOWN
- PROVIDE MIN. 18" CLEARANCE UNDER STORM





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15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - LEGACY LANE

MIDPOINT MEADOWS - PHASE 1

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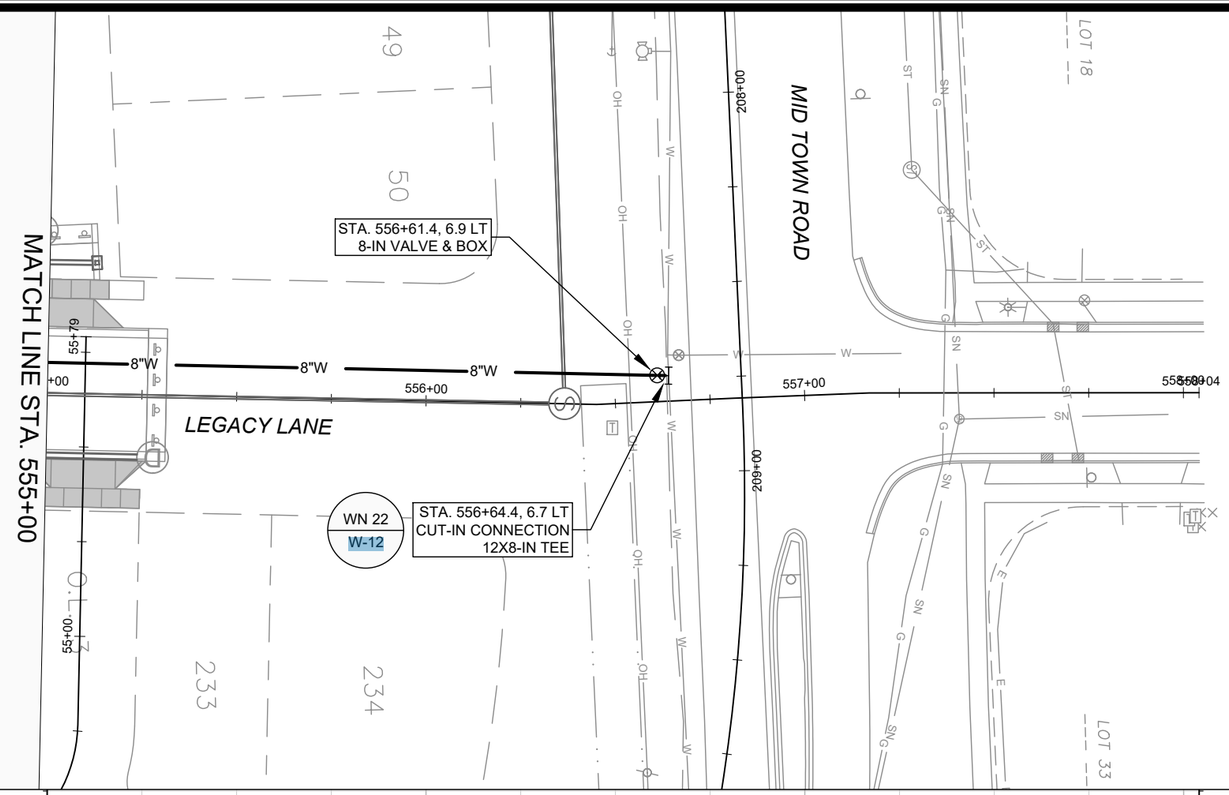
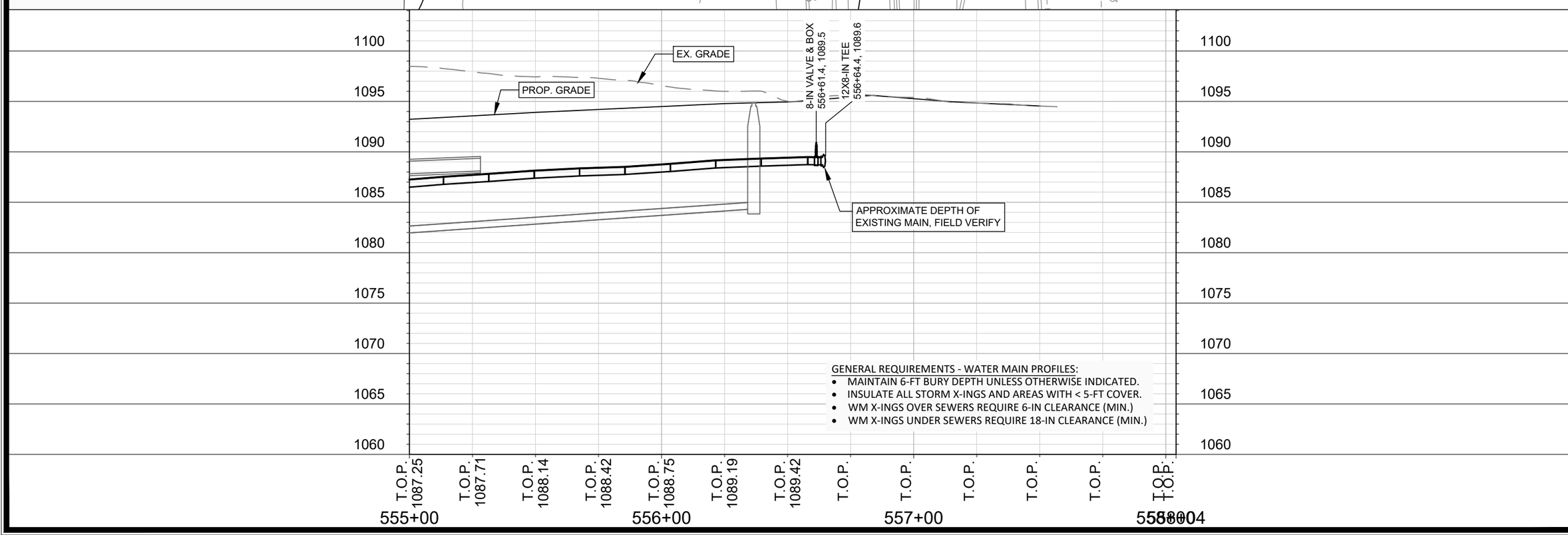
15331

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.)

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Designed By: NGM | Date: 1/14/2025 2:30 PM | Scale: 1" = 40'

15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - LEGACY LANE

MIDPOINT MEADOWS - PHASE 1

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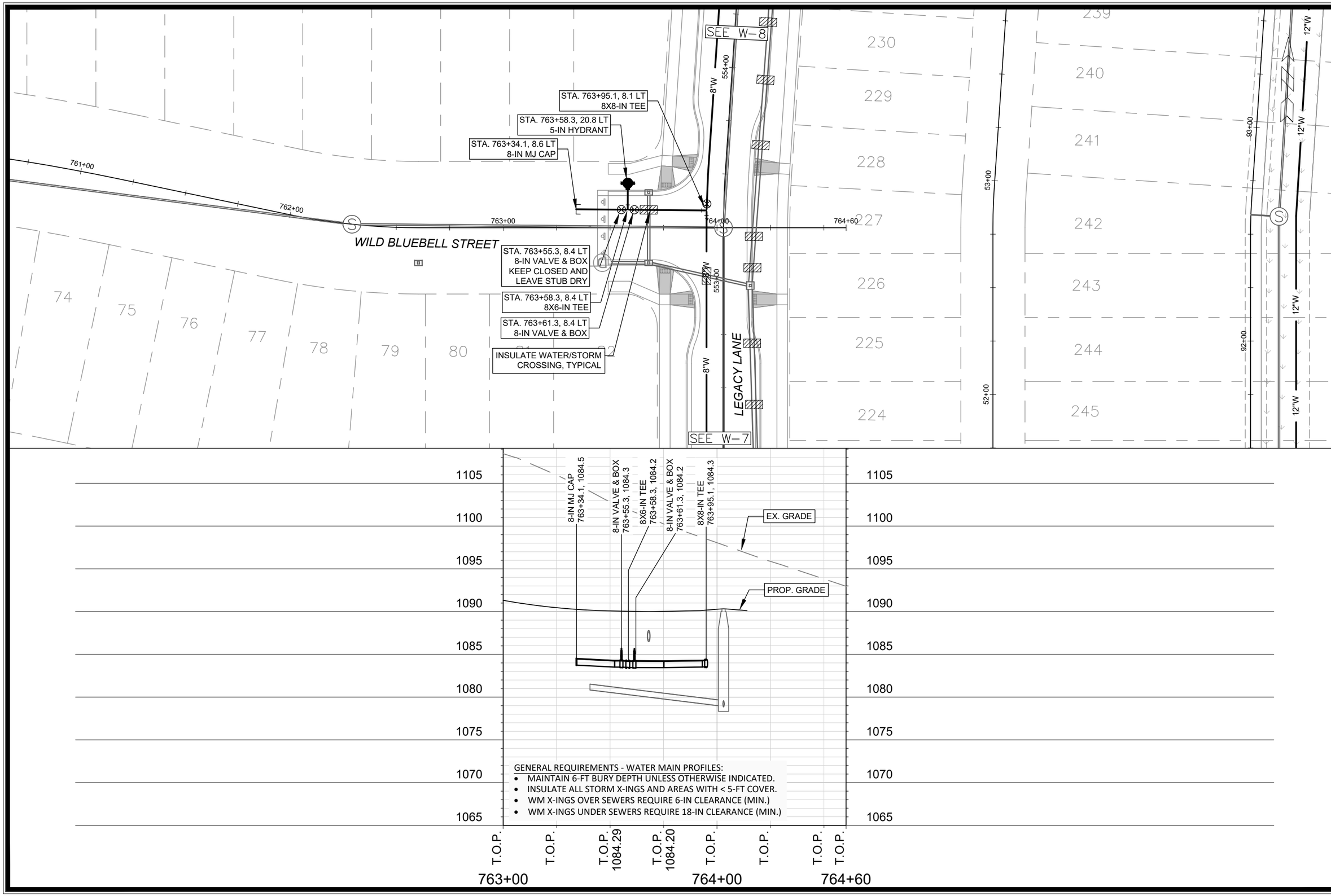
15331

W-8



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W-8

15331

MADISON, WI

9538

CONTRACT NO:

WATER PLAN AND PROFILE - WILD BLUEBELL STREET

MIDPOINT MEADOWS - PHASE 1

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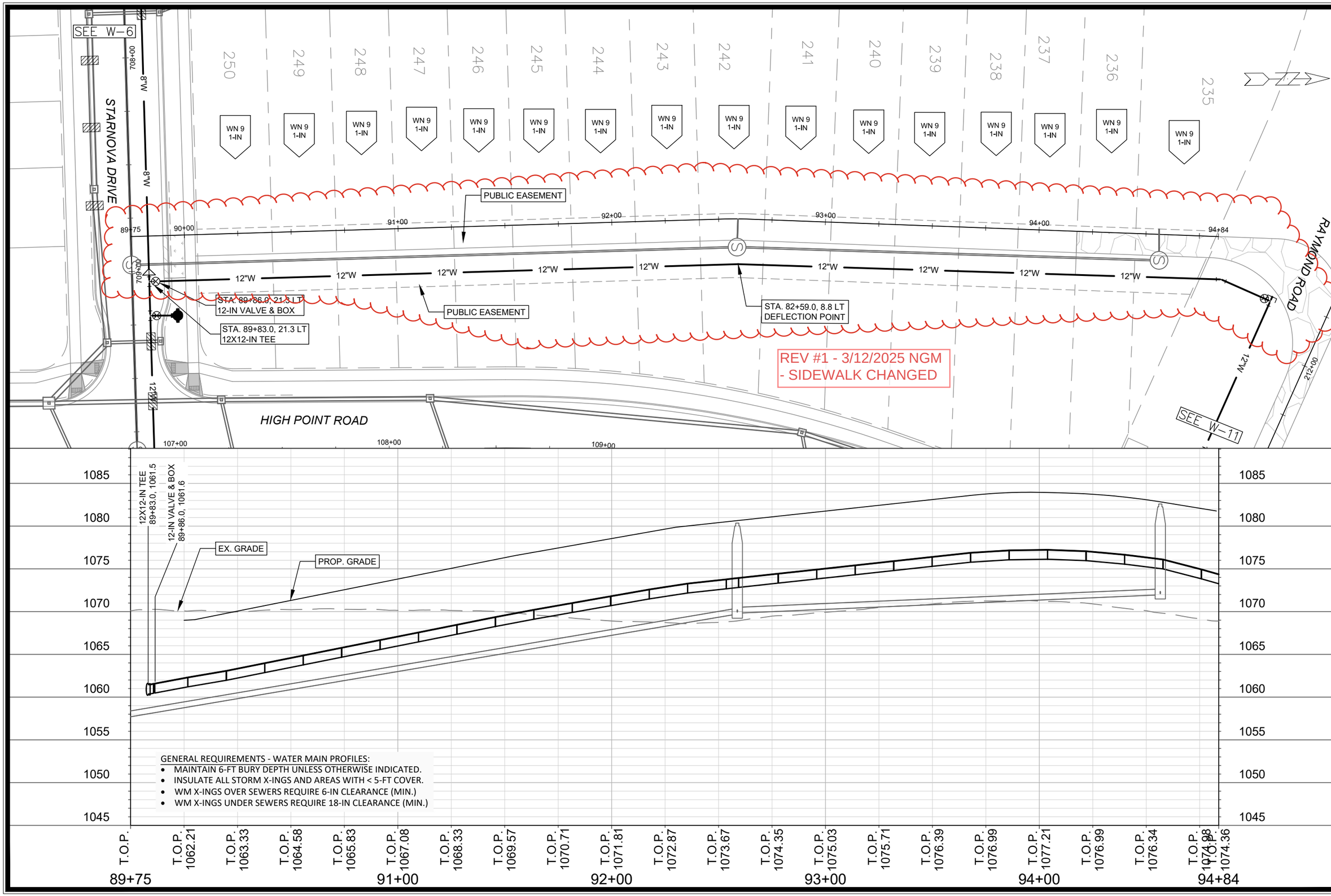
15331

W-9



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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15331

MADISON, WI

9538

CONTRACT NO:

WATER PLAN AND PROFILE - PUBLIC EASEMENT

MIDPOINT MEADOWS - PHASE 1

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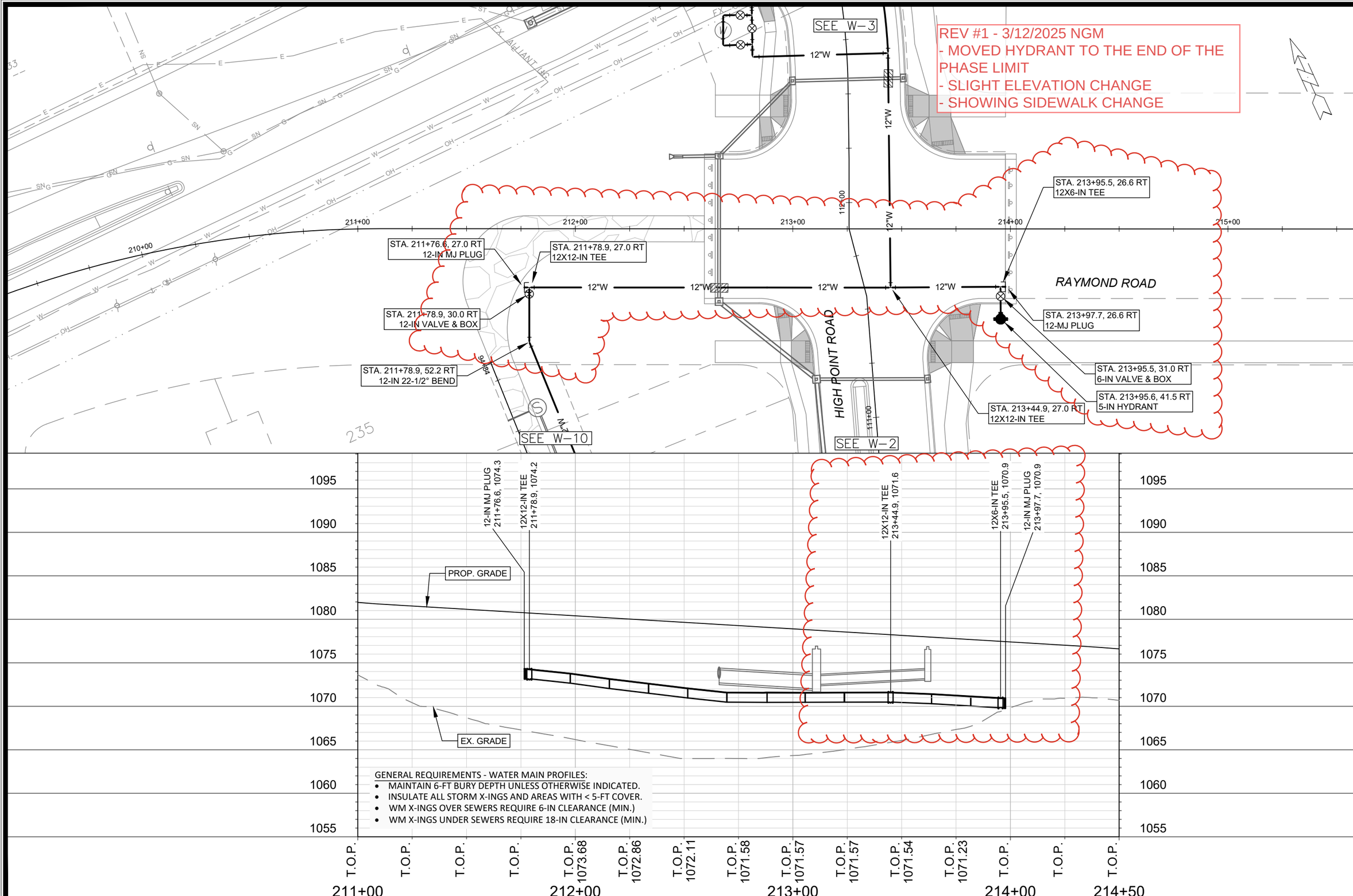
15331

W-10

REV #1 - 3/12/2025 NGM
- MOVED HYDRANT TO THE END OF THE PHASE LIMIT
- SLIGHT ELEVATION CHANGE
- SHOWING SIDEWALK CHANGE



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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15331

MADISON, WI

CONTRACT NO: 9538

WATER PLAN AND PROFILE - RAYMOND ROAD

MIDPOINT MEADOWS - PHASE 1

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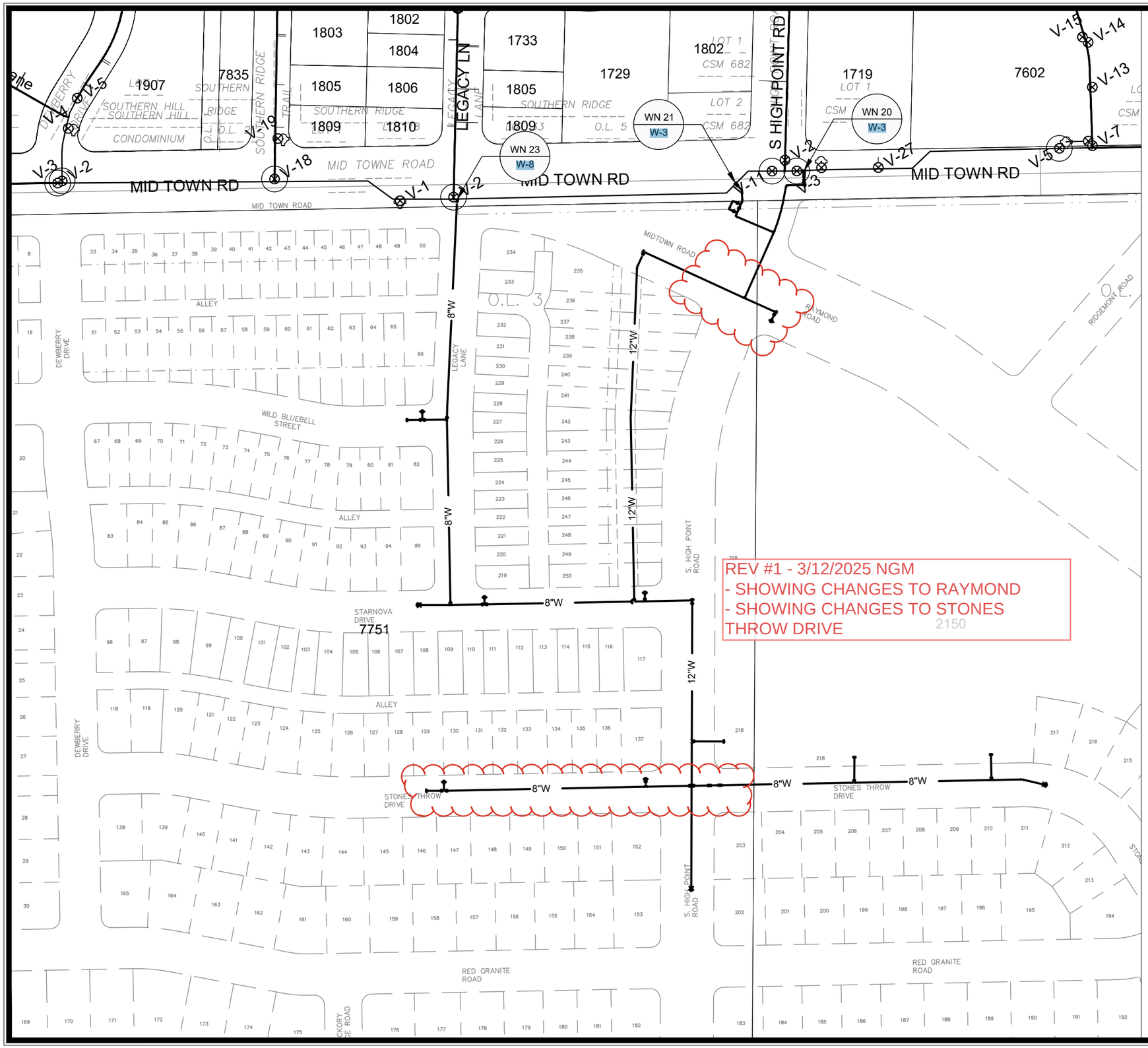
15331

W-11



1" = 150'

Madison Water Utility

WN20: CUT-IN CONNECTION
MID TOWN ROAD & HIGH POINT ROAD

ISOLATION VALVES:
- V-5 (12-IN)
- V-3 (12-IN)

NOTIFY: 7602 MID TOWN ROAD TO LOWER THEIR PRESSURE WHEN COMPLETED

WN21: CUT-IN CONNECTION
MID TOWN ROAD & HIGH POINT ROAD

ISOLATION VALVES:
- V-11 (12-IN, HIGHPOINT ROAD)
- V-3 (12-IN, DEWBERRY DRIVE)
- V-2 (8-IN, LEGACY LANE)
- V-18 (8-IN, SOUTHERN RIDGE TRL)
- V-2 (8-IN, DEWBERRY DRIVE)

WN22: CUT-IN CONNECTION
MID TOWN ROAD & LEGACY LANE

ISOLATION VALVES:
- V-11 (12-IN, HIGHPOINT ROAD)
- V-3 (12-IN, DEWBERRY DRIVE)
- V-2 (8-IN, LEGACY LANE)
- V-18 (8-IN, SOUTHERN RIDGE TRL)
- V-2 (8-IN, DEWBERRY DRIVE)

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.

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15331

W-12

15331

MADISON, WI

CONTRACT NO: 9538

WATER IMPACT PLAN

MIDPOINT MEADOWS - PHASE 1

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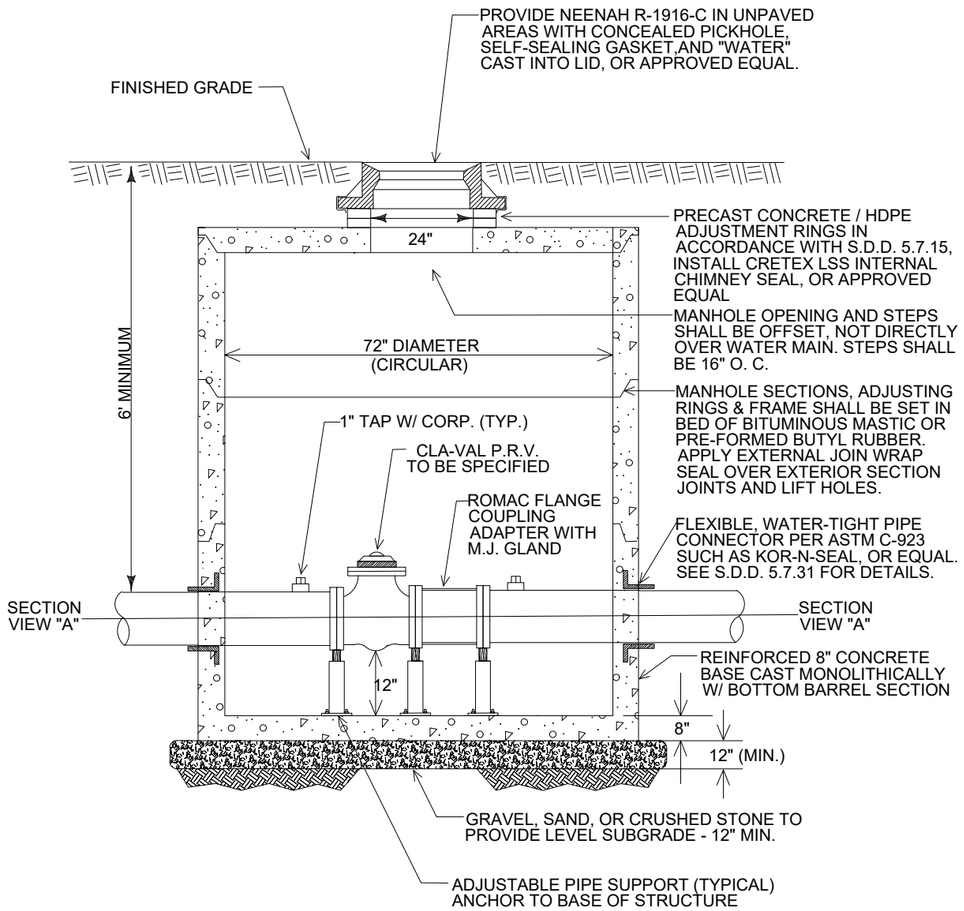
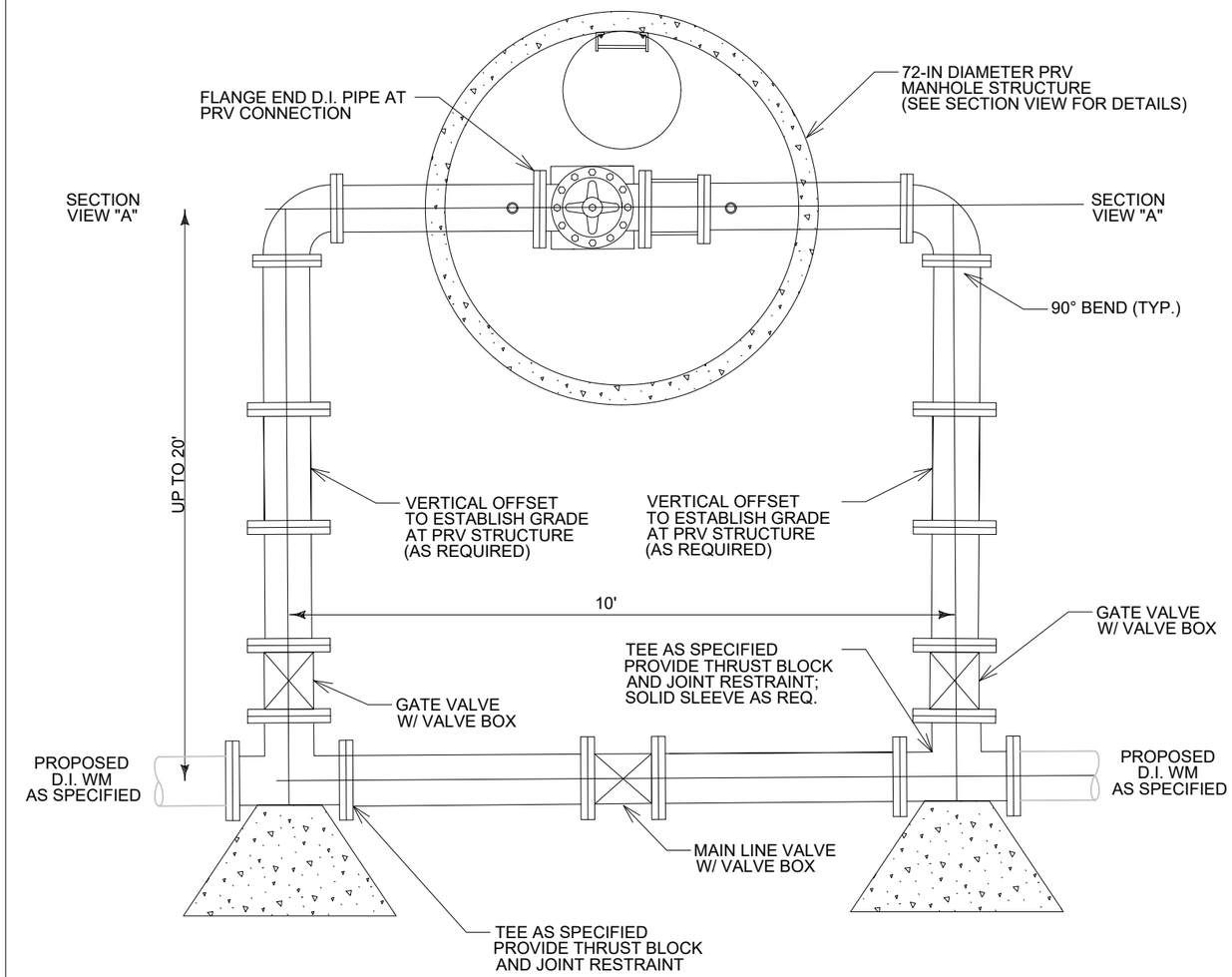
CITY OF MADISON WISCONSIN

15331

W-12

PRESSURE REDUCING VALVE MANHOLE
(SECTION A-A - NTS)





PRESSURE REDUCING VALVE MANHOLE / STANDARD PIPING CONFIGURATION, PIPE SIZE AS SPECIFIED PER PLAN
(PLAN VIEW - NTS)

NOTES:

1. WORK SHALL INCLUDE FURNISHING AND PLACING THE LEVELING BASE AND SRUCTURE, AS SPECIFIED; AND ALSO ALL ASSOCIATED CONSTRUCTION OF THE PIPING, AS SPECIFIED (D.I. PIPE, VALVES, VALVE BOXES, THRUST RESTRAINT, JOINT RESTRAINT, OFFSET FITTINGS, FLANGE PIPE/ADAPTORS, TAPS, ETC).
2. ALL PIPE, FITTINGS, AND APPURTENANCES SHALL BE NEWLY FURNISHED UNLESS OTHERWISE NOTED.
3. CLA-VAL MUST INCLUDE UPSTREAM AND DOWNSTREAM PRESSURE GAUGES, AND VALVE POSITION INDICATOR
4. SEE THE SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING THE CLA-VAL PRESSURE REDUCING VALVE.
5. MANHOLE AND STRUCTURE SHALL BE WATER-TIGHT.
6. PROVIDE SHOP DRAWINGS FOR STRUCTURE APPROVAL.

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15331

MADISON, WI

CONTRACT NO: 9538

WATER PRV DETAILS

MIDPOINT MEADOWS - PHASE 1

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15331

W-13

Madison Water Utility

REV #1 - 3/12/2025 NGM
- UPDATING MATERIAL QUANTITIES TO REFLECT CHANGES

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.

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

PAY_ITEM_ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	85	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	2255	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	1738	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	16	EACH
70034	FURNISH AND INSTALL 12-INCH WATER VALVE	6	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	9	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	61	EACH
70101	FURNISH AND INSTALL STYROFOAM	53	EACH
71002	8-IN MJ CAP	5	EACH
71016	12-IN MJ PLUG	4	EACH
71048	12X8-IN CROSS	1	EACH
71111	8-IN 90° BEND	2	EACH
71113	12-IN 90° BEND	2	EACH
71125	12-IN 45° BEND	1	EACH
71137	12-IN 22-1/2° BEND	2	EACH
71147	8-IN 11-1/4° BEND	1	EACH
71159	8X6-IN REDUCER	2	EACH
71164	12X6-IN REDUCER	1	EACH
71165	12X8-IN REDUCER	1	EACH
71210	8X6-IN TEE	4	EACH
71211	8X8-IN TEE	4	EACH
71217	12X6-IN TEE	2	EACH
71218	12X8-IN TEE	4	EACH
71220	12X12-IN TEE	8	EACH
71341	8X18-IN OFFSET	2	EACH
71345A	12X12-IN OFFSET	2	EACH

*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:

N/A

*ESTIMATE OF MATERIALS SALVAGED:

N/A

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

WATER UTILITY ULO SCHEDULE

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.

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.

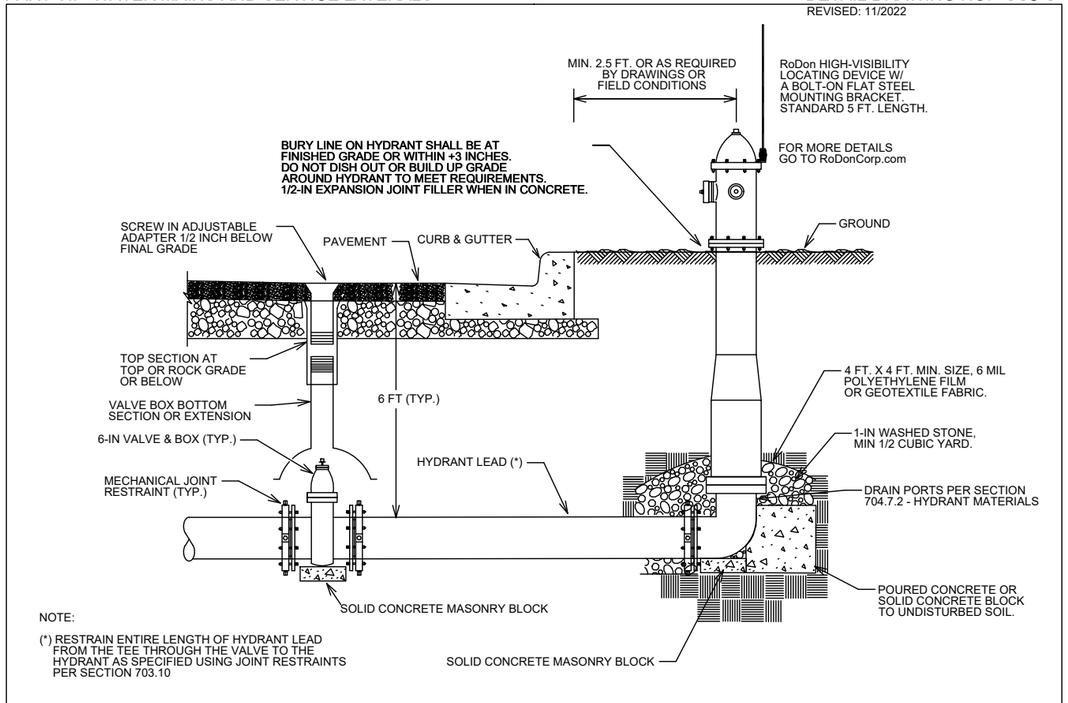
MEMBER ONE CALL SYSTEMS INTERNATIONAL

DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. **7.04**

REVISED: 11/2022



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

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15331

MADISON, WI

9538

CONTRACT NO:

WATER ESTIMATE OF MATERIALS

MIDPOINT MEADOWS - PHASE 1

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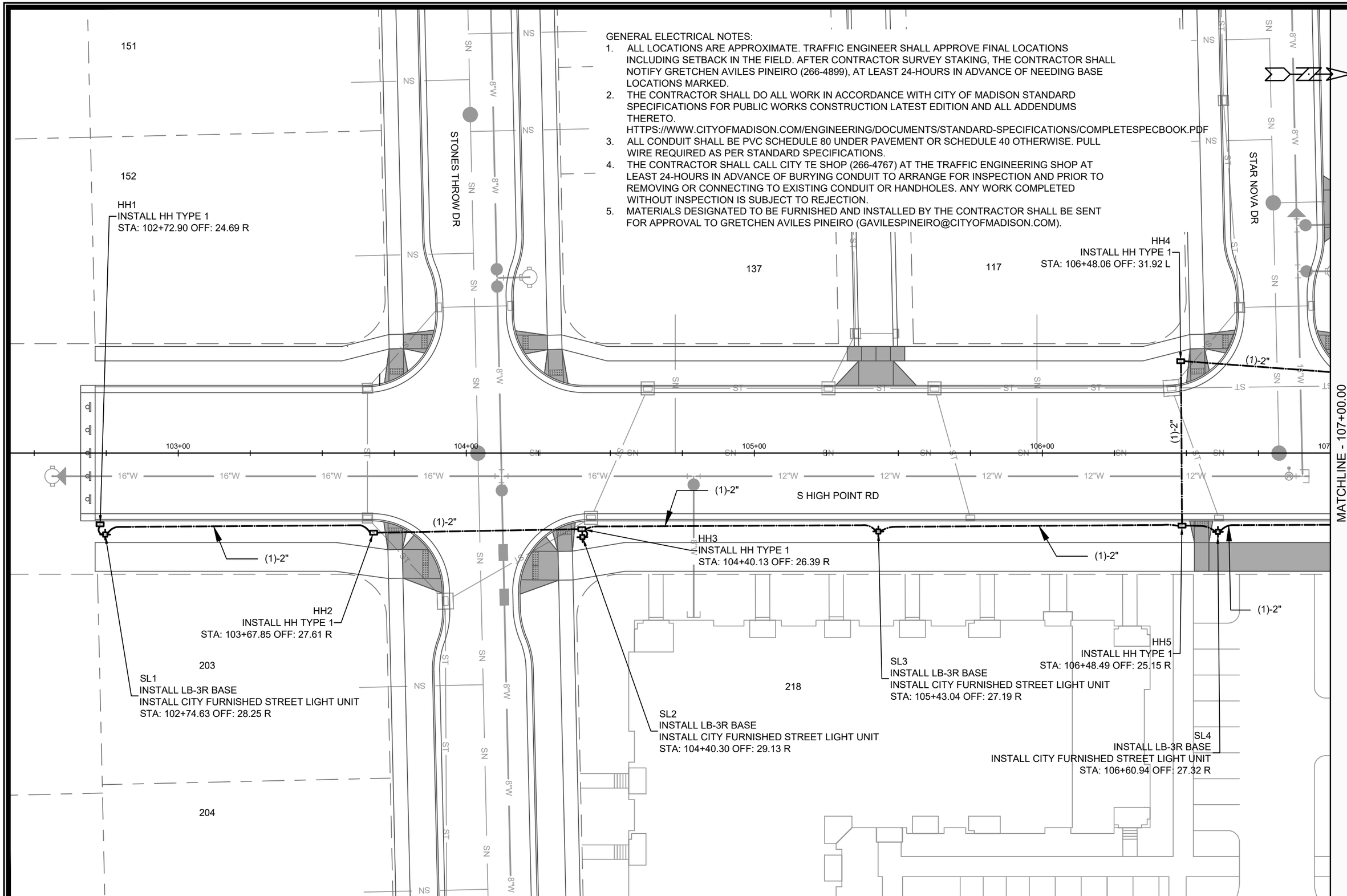
CITY OF MADISON WISCONSIN

15331

W-14

GENERAL ELECTRICAL NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEY STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899), AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION AND ALL ADDENDUMS THERETO. HTTPS://WWW.CITYOFMADISON.COM/ENGINEERING/DOCUMENTS/STANDARD-SPECIFICATIONS/COMPLETESPECBOOK.PDF
3. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL CITY TE SHOP (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION AND PRIOR TO REMOVING OR CONNECTING TO EXISTING CONDUIT OR HANDHOLES. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. MATERIALS DESIGNATED TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE SENT FOR APPROVAL TO GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM).



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15331

MADISON, WI

CONTRACT NO: 9538

ELECTRICAL PLAN

MIDPOINT MEADOWS - PHASE 1

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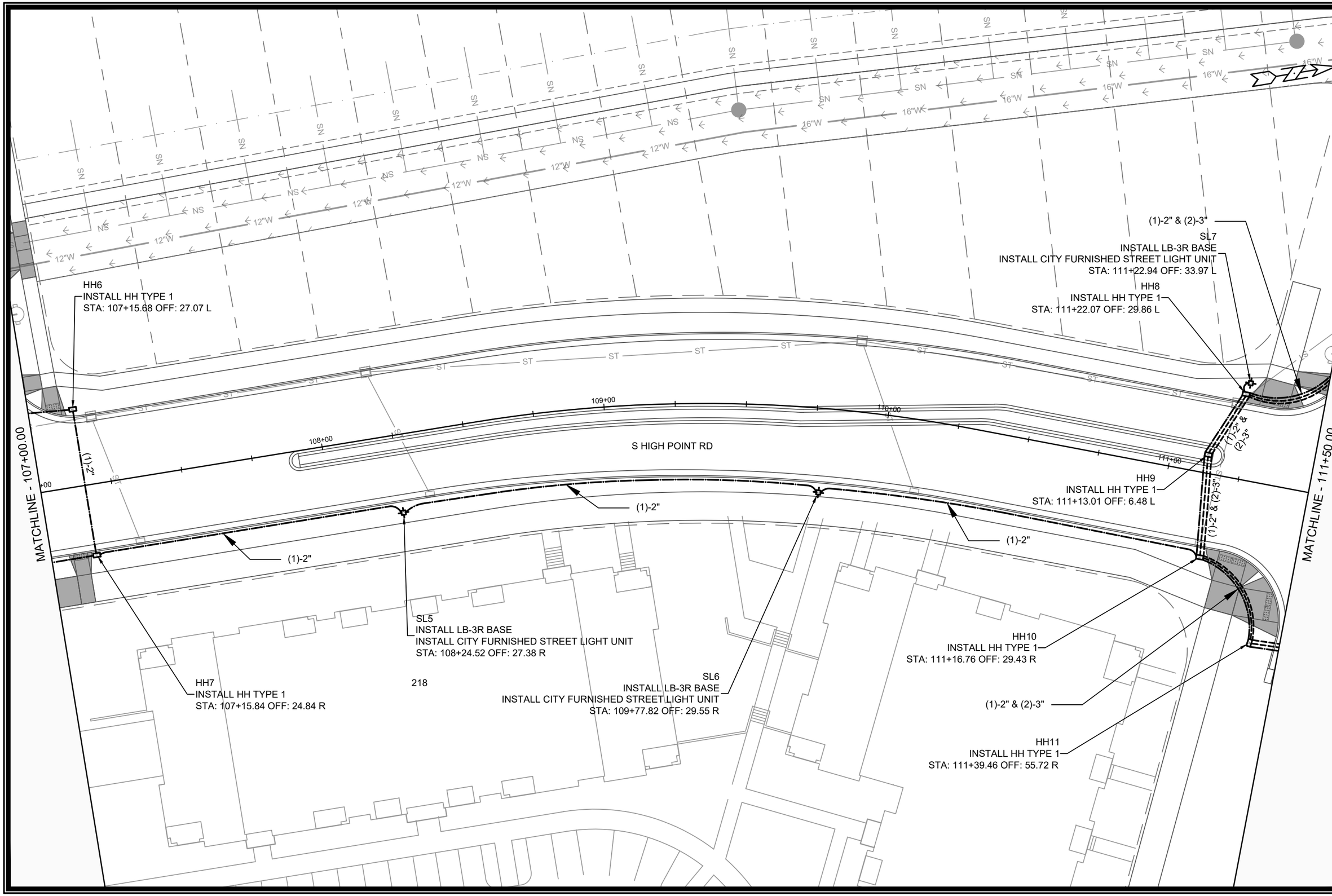
15331

E-1



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E-2

15331

MADISON, WI

CONTRACT NO: 9538

ELECTRICAL PLAN

MIDPOINT MEADOWS - PHASE 1

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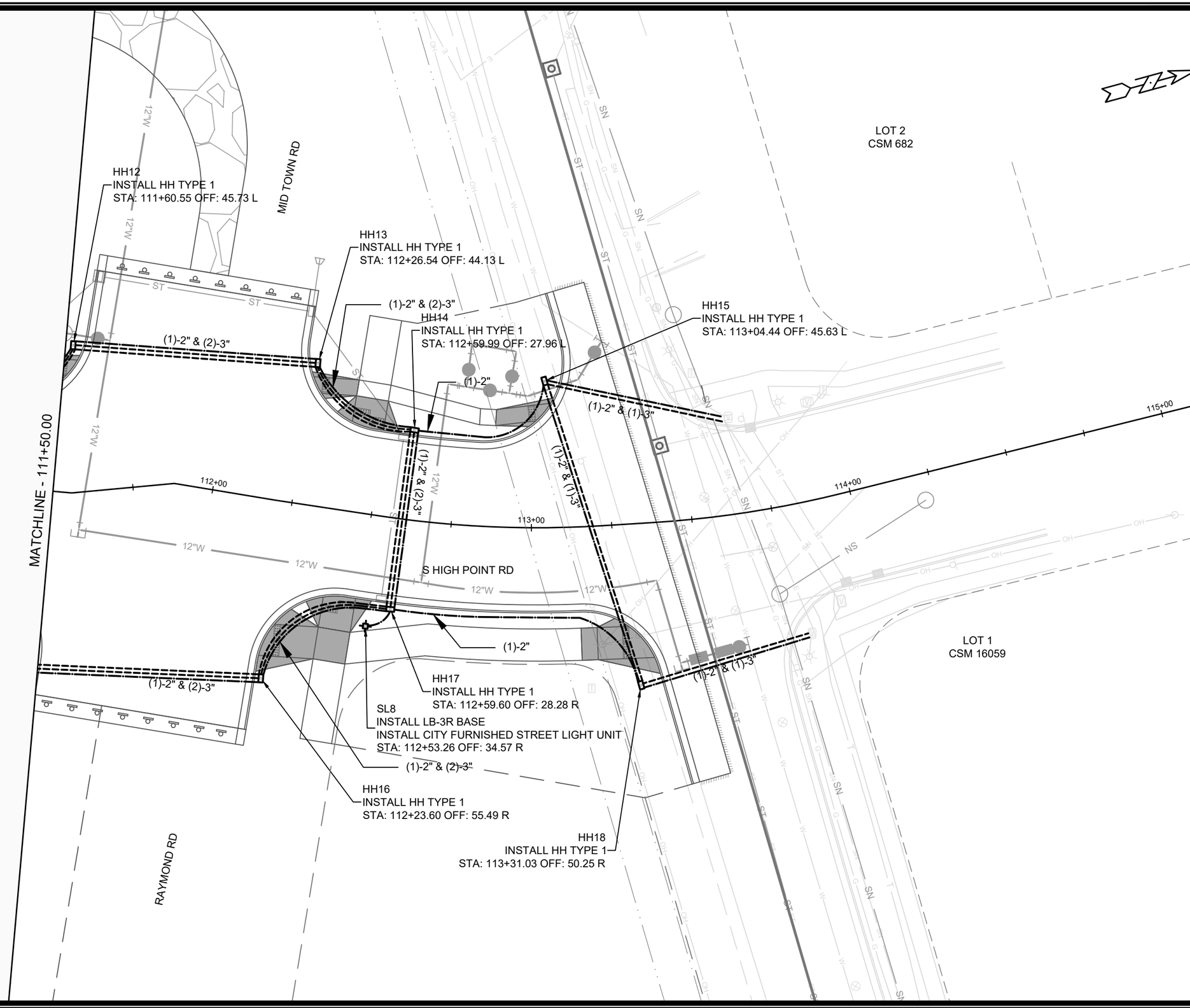
15331

E-2



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15331

MADISON, WI

CONTRACT NO: 9538

ELECTRICAL PLAN

MIDPOINT MEADOWS - PHASE 1

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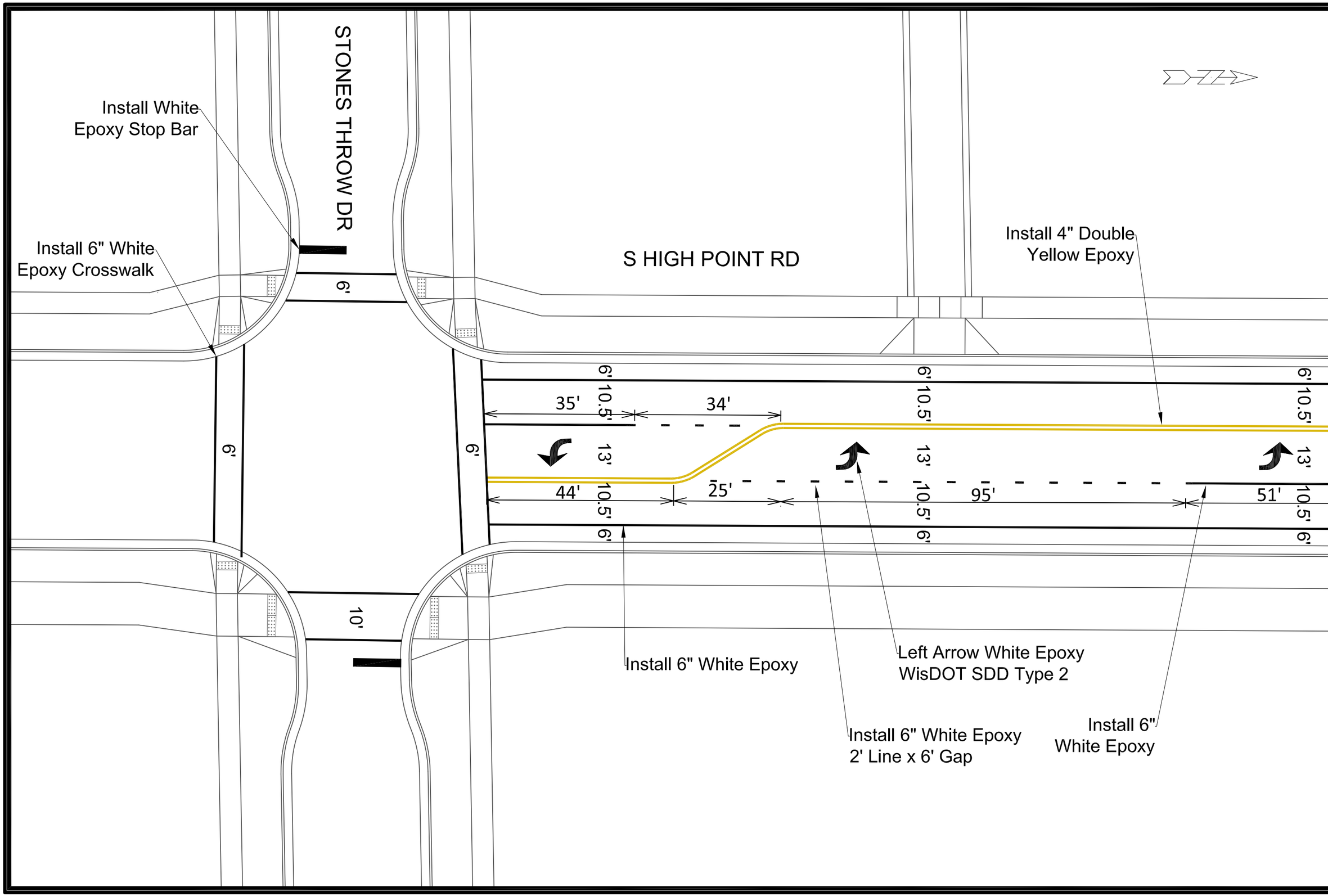
15331

E-3



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15331 | PM-1

15331

MADISON, WI

CONTRACT NO: 9538

MARKING PLAN

MIDPOINT MEADOWS - PHASE 1

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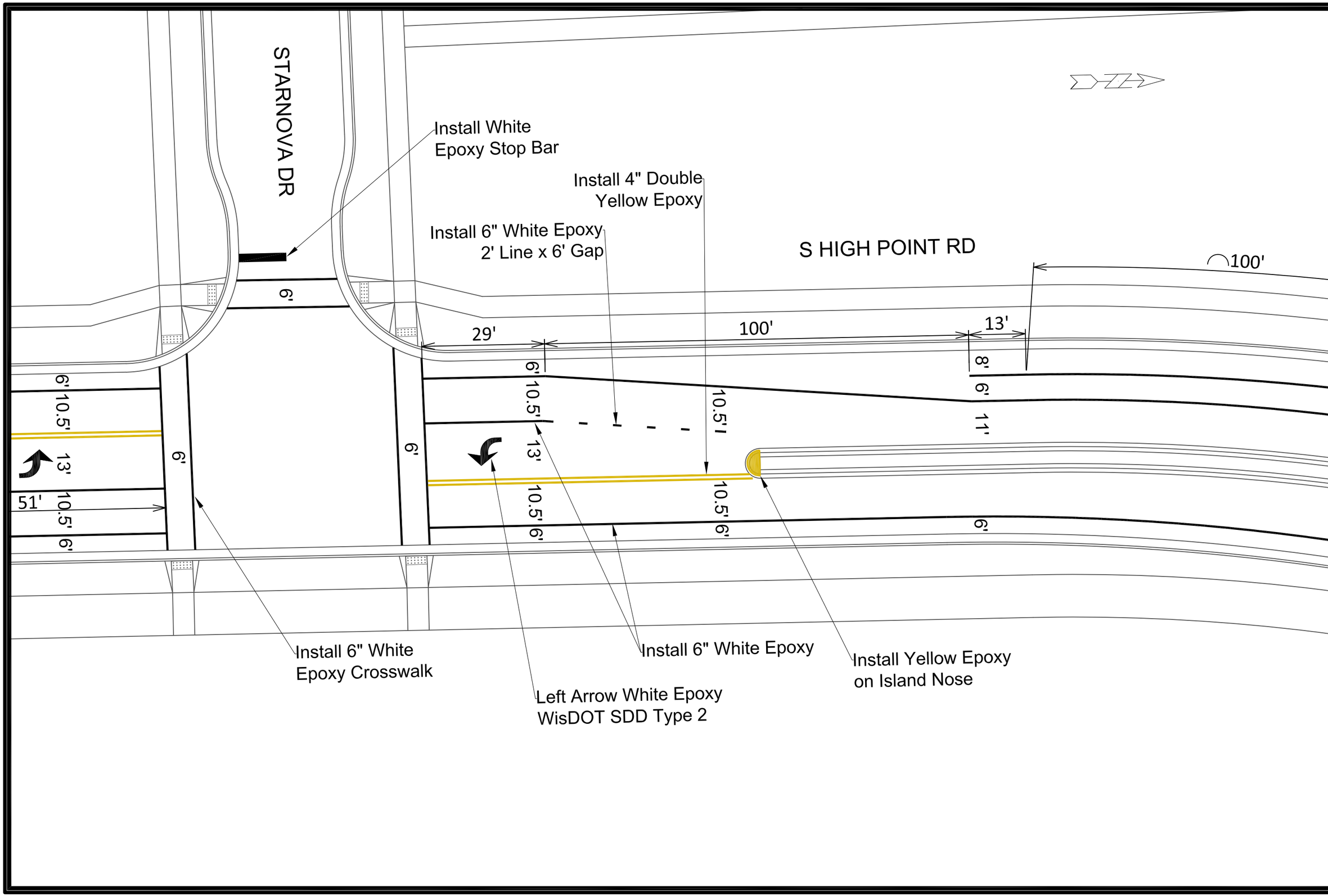
15331

PM-1



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15331 | PM-2

15331

MADISON, WI

CONTRACT NO: 9538

MARKING PLAN

MIDPOINT MEADOWS - PHASE 1

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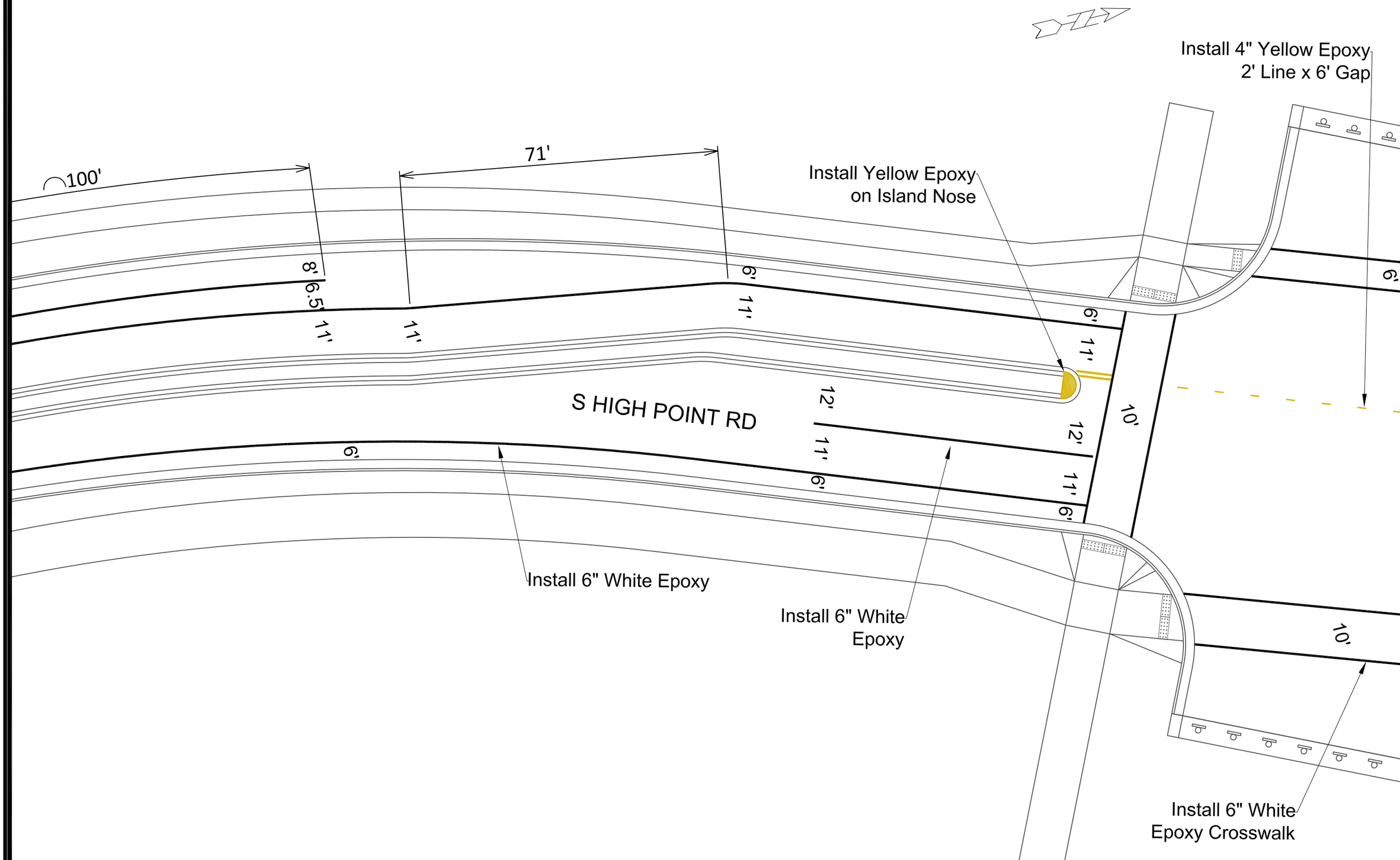
15331

PM-2



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15331 | PM-3

15331

MADISON, WI

CONTRACT NO: 9538

MARKING PLAN

MIDPOINT MEADOWS - PHASE 1

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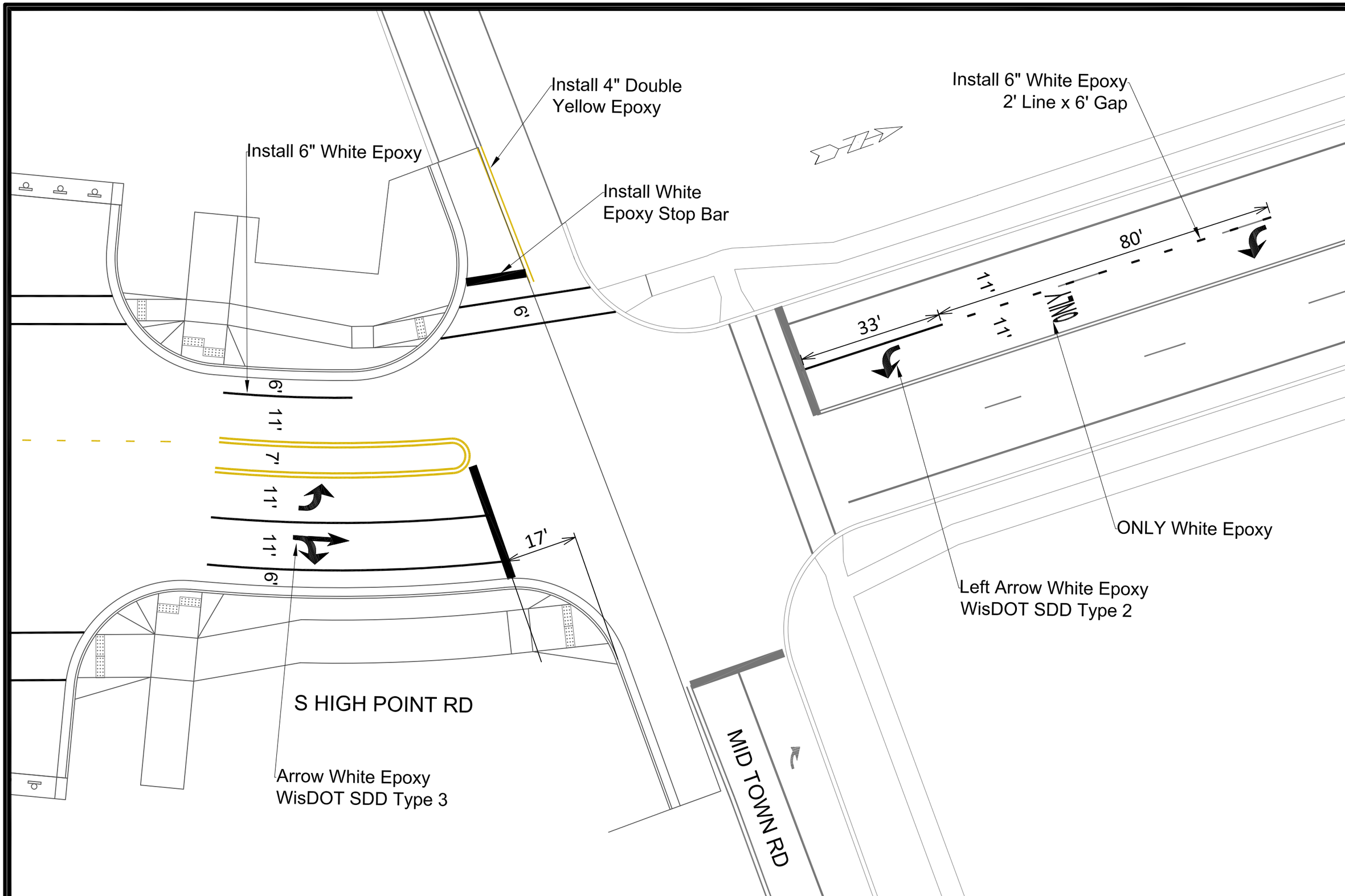
15331

PM-3



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15331 | PM-4

15331

MADISON, WI

CONTRACT NO: 9538

MARKING PLAN

MIDPOINT MEADOWS - PHASE 1

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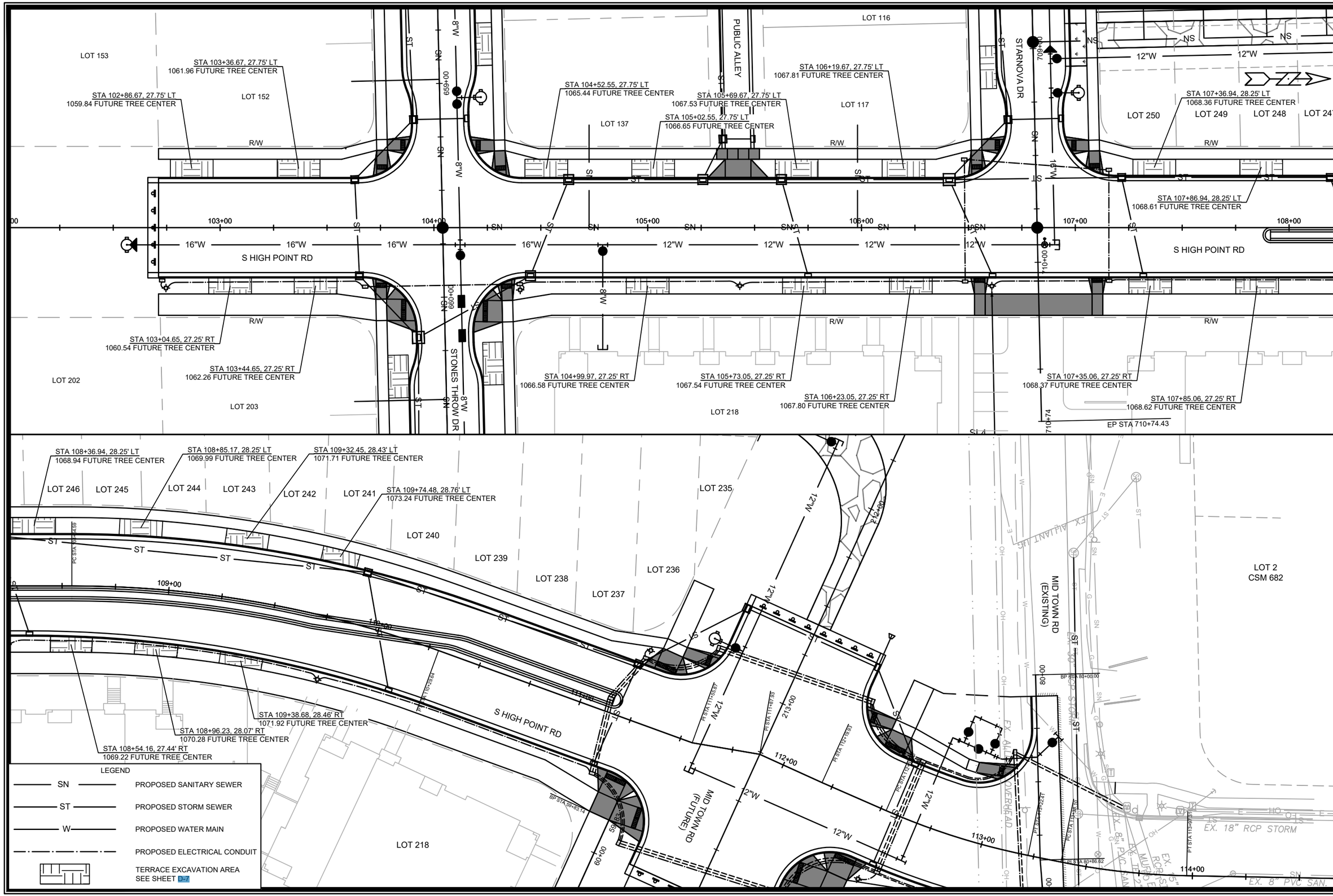
15331

PM-4



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15331

MADISON, WI

CONTRACT NO: 9538

LANDSCAPING PLAN - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

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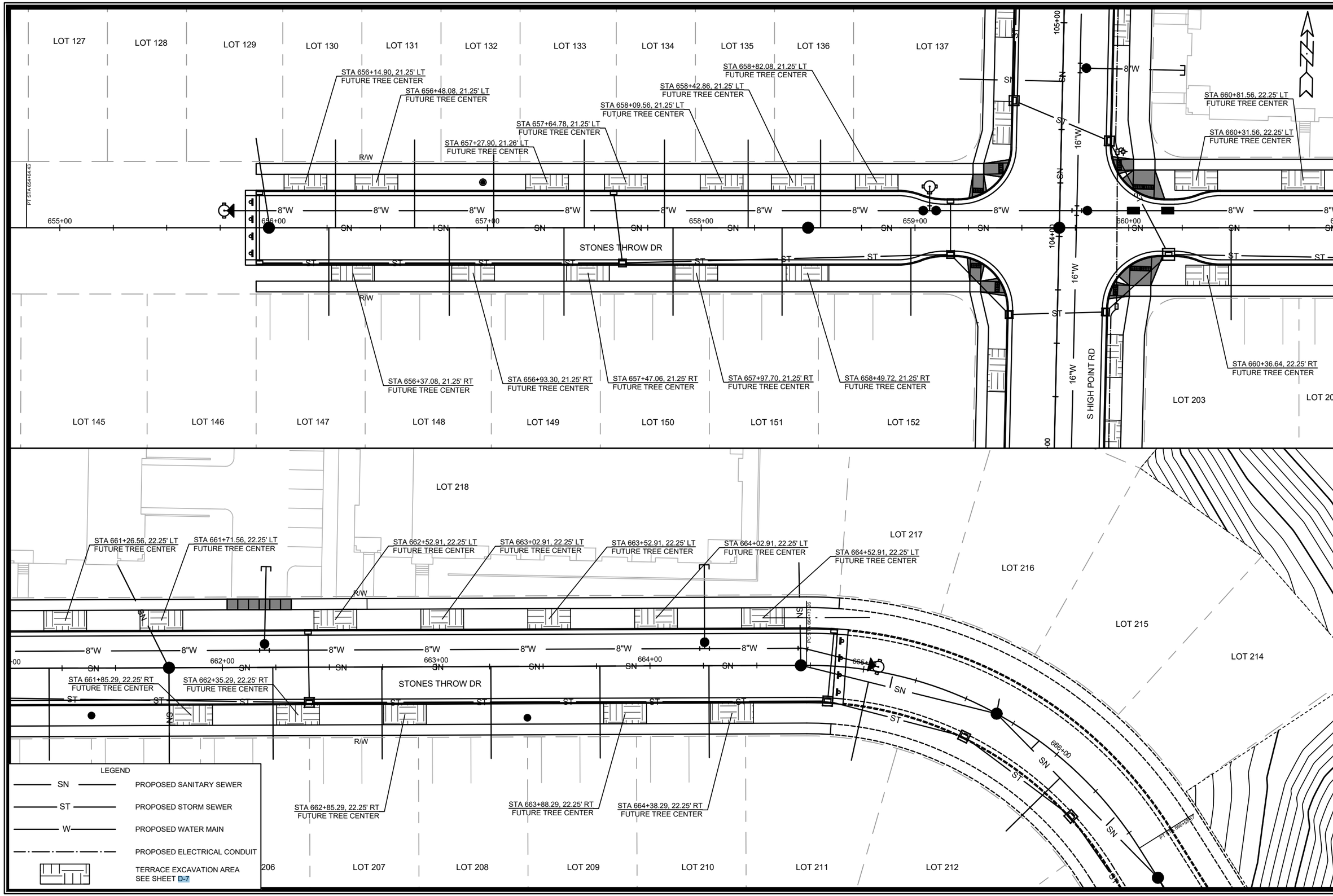
15331

L-1



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15331

L-2

15331

MADISON, WI

9538

CONTRACT NO:

LANDSCAPING PLAN - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

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15331

L-2

LOT 81
LOT 82
LOT 93
LOT 94
LOT 95
LOT 224
LOT 223
LOT 222
LOT 221
LOT 220
LOT 219
LOT 245
LOT 246
LOT 247
LOT 248
LOT 249
LOT 250
O.L.3
PRIVATE
ALLEY
LEGACY LN
S HIGH POINT RD
STARNOVA DR
PUBLIC ALLEY
LOT 106
LOT 107
LOT 108
LOT 109
LOT 110
LOT 111
LOT 112
LOT 113
LOT 114
LOT 115
LOT 116
LOT 117
LOT 218
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LOT 133
LOT 134
LOT 135
LOT 136
LOT 137

PT STA 704+94.43
BP STA 550+00.00
PC STA 708+54.59
EP STA 710+74.43

705+00
706+00
707+00
708+00
709+00
710+00
710+74
550+00
551+00
552+00
105+00
106+00
107+00
108+00

STA 706+88.26, 21.25' RT
FUTURE TREE CENTER
STA 707+23.26, 21.25' RT
FUTURE TREE CENTER
STA 707+58.26, 21.25' RT
FUTURE TREE CENTER
STA 707+93.26, 21.25' RT
FUTURE TREE CENTER
STA 708+28.26, 21.25' RT
FUTURE TREE CENTER
STA 708+63.26, 21.25' RT
FUTURE TREE CENTER
STA 709+08.26, 21.25' RT
FUTURE TREE CENTER
STA 707+26.66, 21.25' LT
FUTURE TREE CENTER
STA 708+03.45, 21.25' LT
FUTURE TREE CENTER
STA 708+53.45, 21.25' LT
FUTURE TREE CENTER
STA 656+14.90, 21.25' LT
FUTURE TREE CENTER
STA 658+82.08, 21.25' LT
FUTURE TREE CENTER

SL4
INSTALL LE
INSTALL C
STA: 106+6

8", 15' BEYOND RO

LEGEND

SN	PROPOSED SANITARY SEWER
ST	PROPOSED STORM SEWER
W	PROPOSED WATER MAIN
	PROPOSED ELECTRICAL CONDUIT
	TERRACE EXCAVATION AREA SEE SHEET D-7

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/17/2025 11:52 AM Scale: 1" = 40'

15331

L-3

15331

MADISON, WI

9538

CONTRACT NO:

LANDSCAPING PLAN - STARNOVA DR

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-TerraceExcavationPlans.dwg

CITY OF MADISON WISCONSIN

15331

L-3

LOT 104
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LOT 249
LOT 250

PUBLIC ALLEY
WILD BLUEBELL ST
LEGACY LN
STARNOVA DR
O.L. 3 PRIVATE ALLEY

PT STA 704+94.43
PT STA 762+60.36
BP STA 550+00.00
PC STA 553+25.31
EP STA 764+60.36

STA 551+15.00, 21.25' LT FUTURE TREE CENTER
STA 551+53.86, 21.25' LT FUTURE TREE CENTER
STA 552+20.87, 21.25' LT FUTURE TREE CENTER
STA 552+59.73, 21.25' LT FUTURE TREE CENTER
STA 554+05.72, 21.25' LT FUTURE TREE CENTER
STA 554+40.72, 21.25' LT FUTURE TREE CENTER
STA 554+75.72, 21.25' LT FUTURE TREE CENTER
STA 551+02.87, 21.25' RT FUTURE TREE CENTER
STA 551+37.87, 21.25' RT FUTURE TREE CENTER
STA 551+65.37, 21.25' RT FUTURE TREE CENTER
STA 551+92.87, 21.25' RT FUTURE TREE CENTER
STA 552+20.37, 21.25' RT FUTURE TREE CENTER
STA 552+47.87, 21.25' RT FUTURE TREE CENTER
STA 552+75.37, 21.25' RT FUTURE TREE CENTER
STA 553+71.34, 21.25' RT FUTURE TREE CENTER
STA 554+01.34, 21.25' RT FUTURE TREE CENTER
STA 554+28.34, 21.25' RT FUTURE TREE CENTER
STA 554+55.34, 21.25' RT FUTURE TREE CENTER
STA 554+80.98, 21.25' RT FUTURE TREE CENTER

550+00
551+00
552+00
553+00
554+00
555+00
556+00
704+00
705+00
706+00
707+00
708+00
763+00
764+60

LEGEND

SN	PROPOSED SANITARY SEWER
ST	PROPOSED STORM SEWER
W	PROPOSED WATER MAIN
	PROPOSED ELECTRICAL CONDUIT
	TERRACE EXCAVATION AREA SEE SHEET D-7

REVISION #1 - 3/ 11/ 2025: FBEG

1. PLAN REVISED TO ADD TERRACE EXCAVATION SITES ALONG WEST SIDE OF LEGACY LN.

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 3/11/2025 7:34 AM Scale: 1" = 40'

15331

L-4

15331

MADISON, WI

CONTRACT NO: 9538

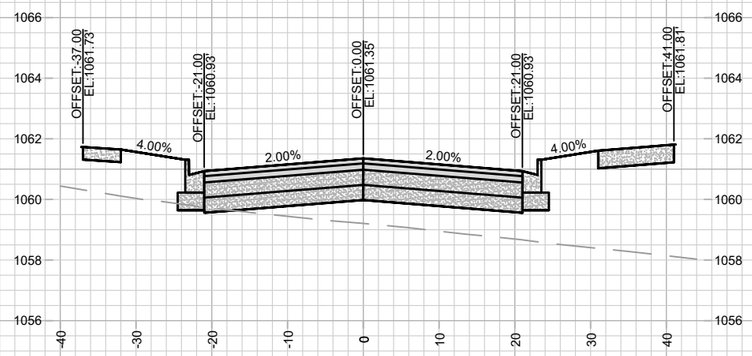
LANDSCAPING PLAN - LEGACY LN

MIDPOINT MEADOWS - PHASE 1

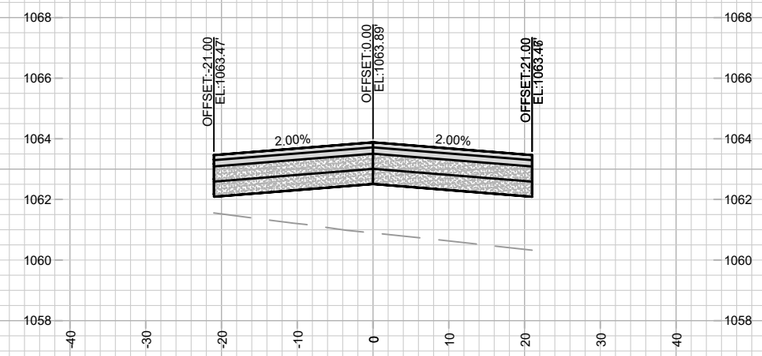
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-TerraceExcavationPlans.dwg

15331

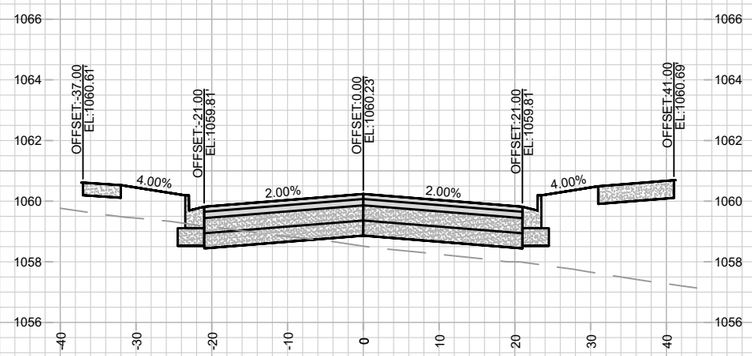
L-4



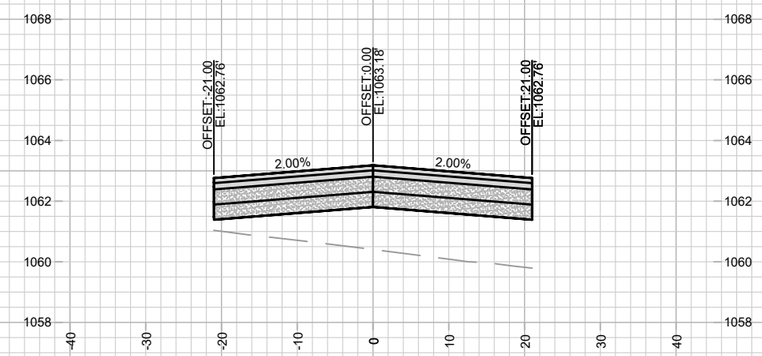
103+25.00



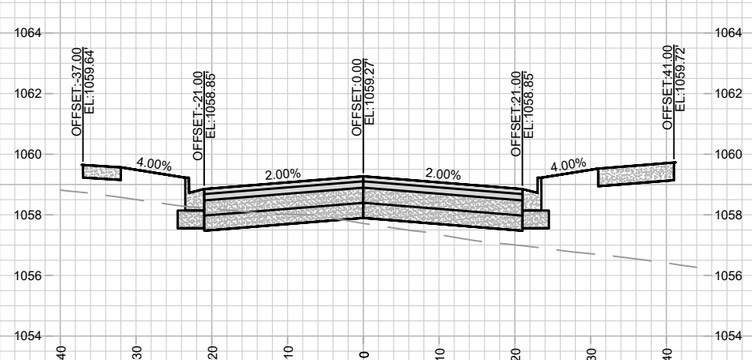
104+00.00



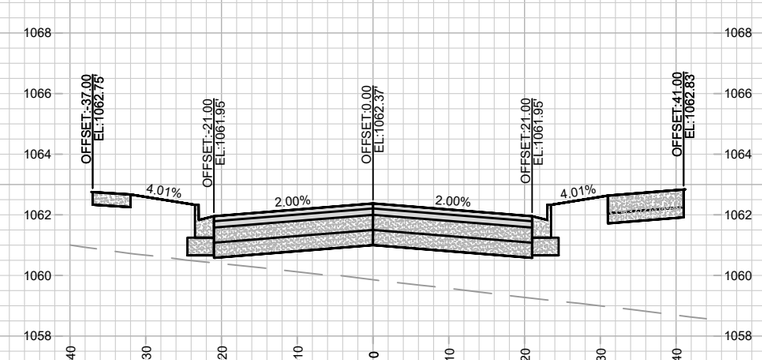
103+00.00



103+75.00



102+75.00



103+50.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:47 AM Scale: 1" = 20'

15331

X-1

15331

MADISON, WI

9538

CONTRACT NO:

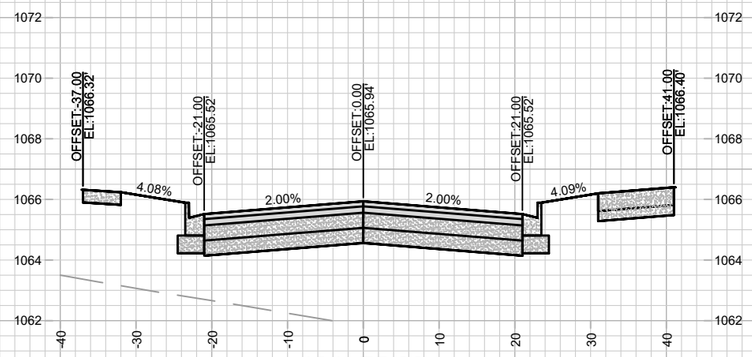
CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-1



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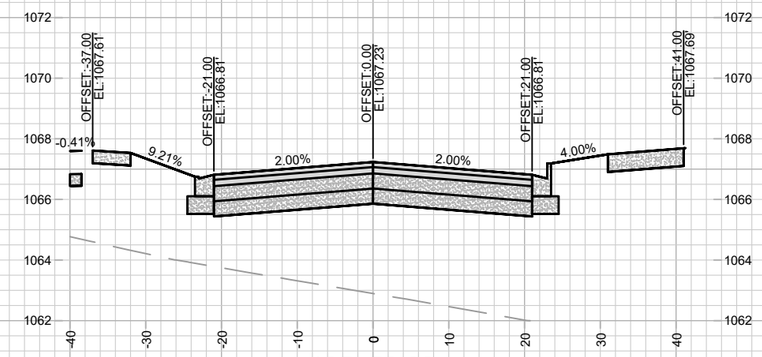
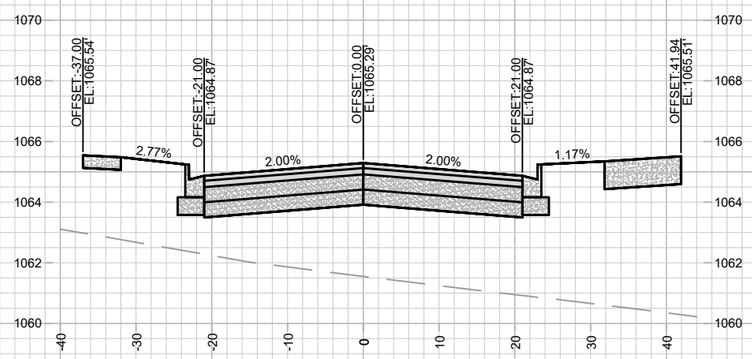


105+50.00



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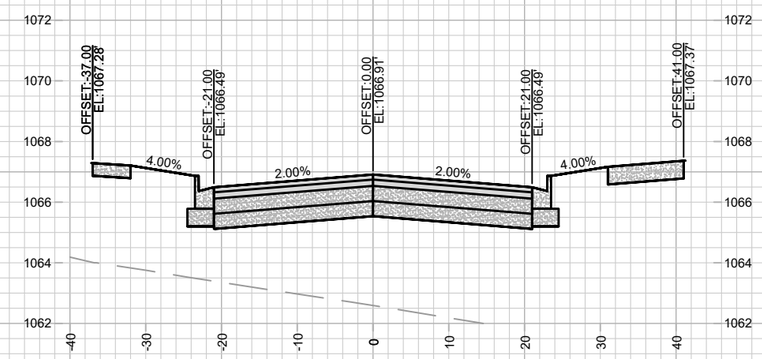

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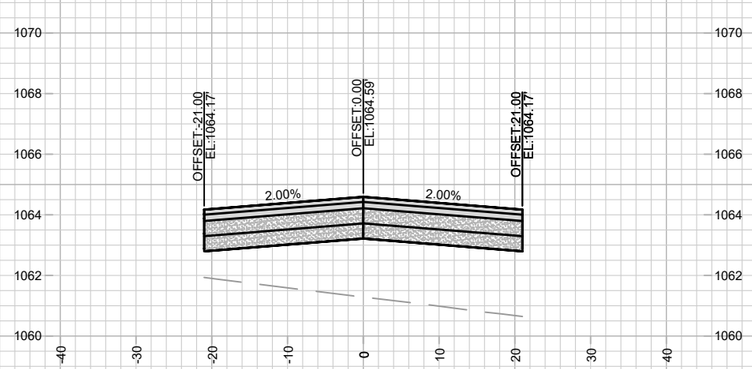

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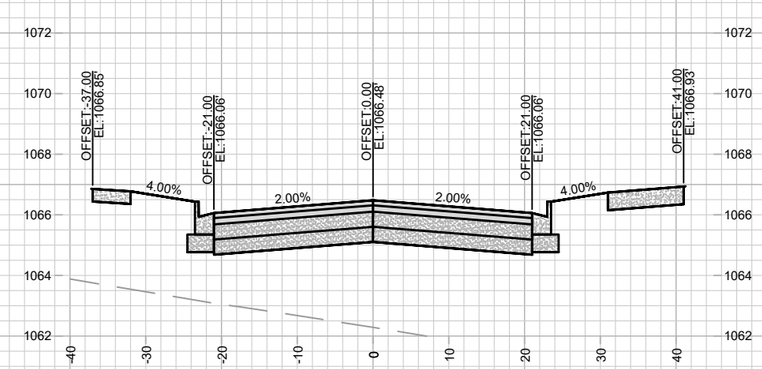

105+00.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:47 AM Scale: 1" = 20'

15331

X-2

15331

MADISON, WI

9538

CONTRACT NO:

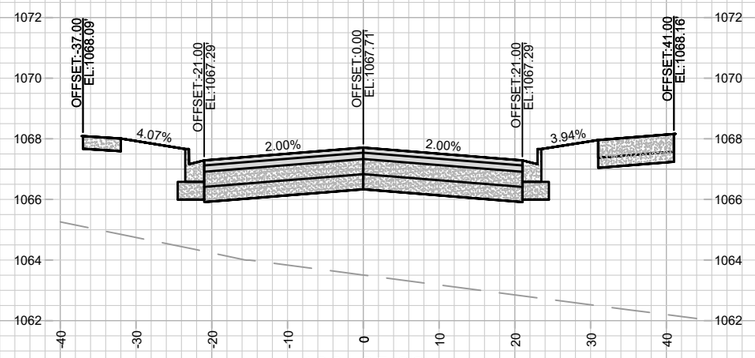
CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-2



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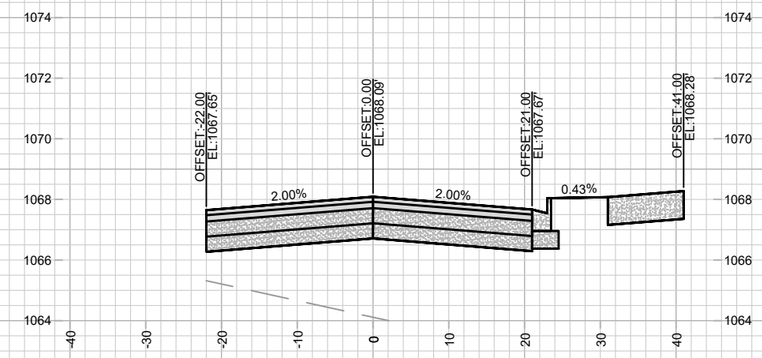
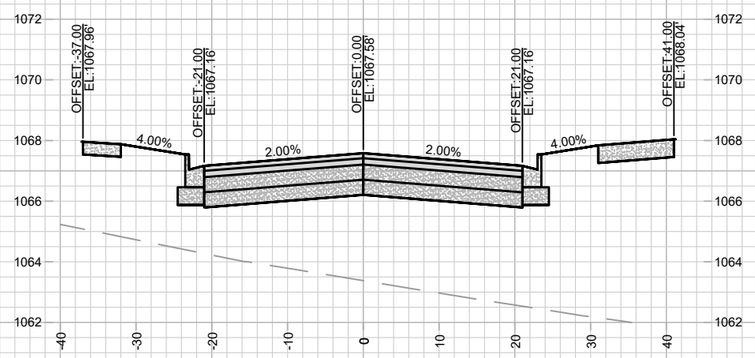
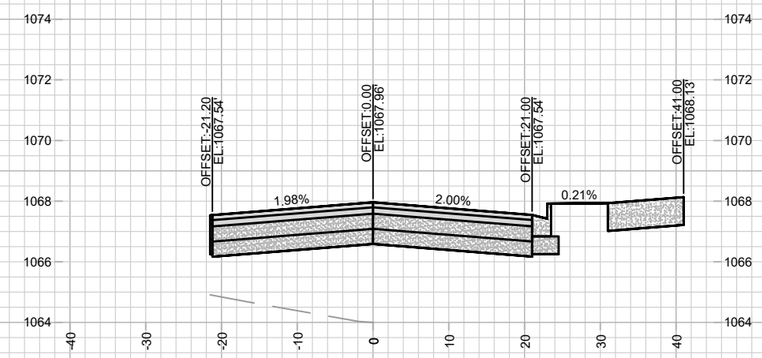


107+00.00



106+00.00



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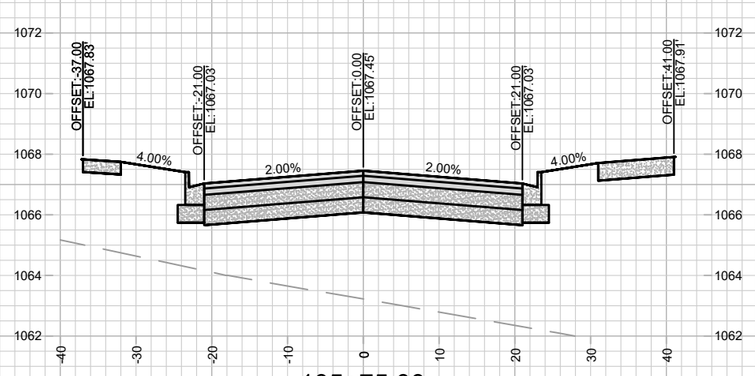

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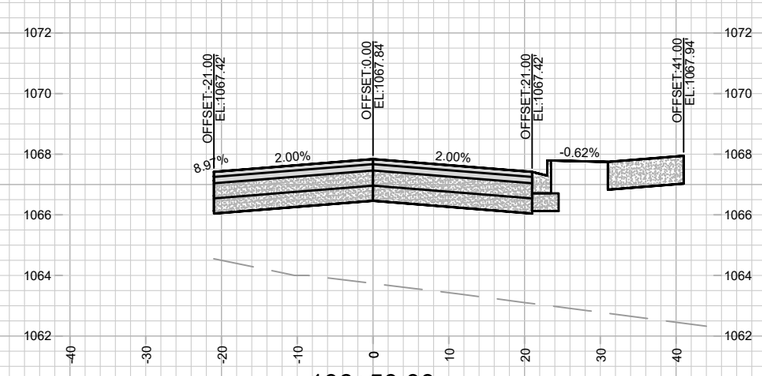

106+50.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:47 AM Scale: 1" = 20'

15331

X-3

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

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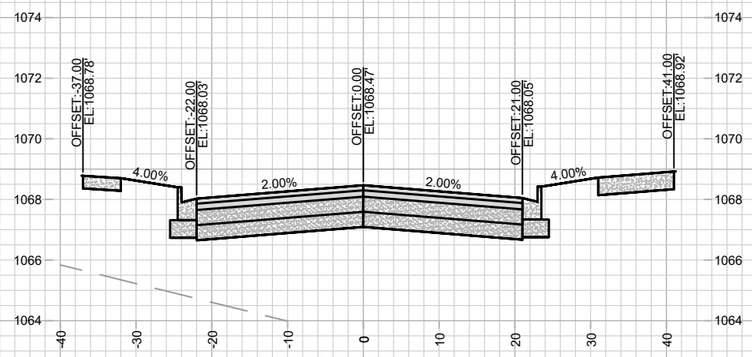
15331

X-3



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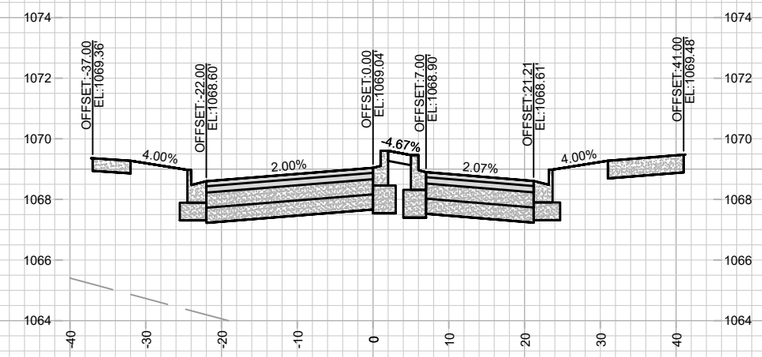

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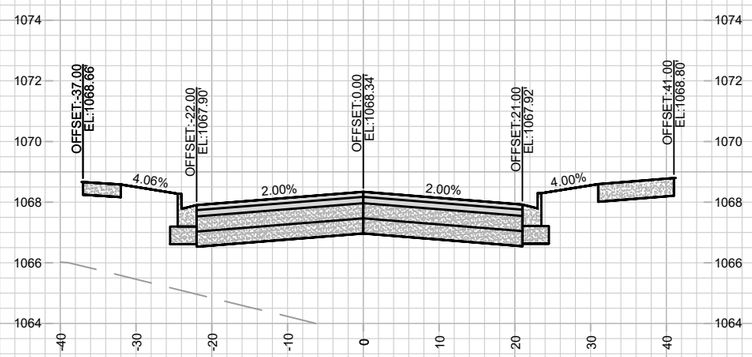

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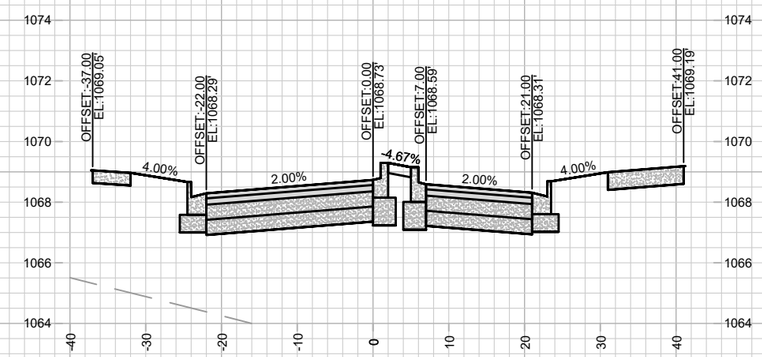
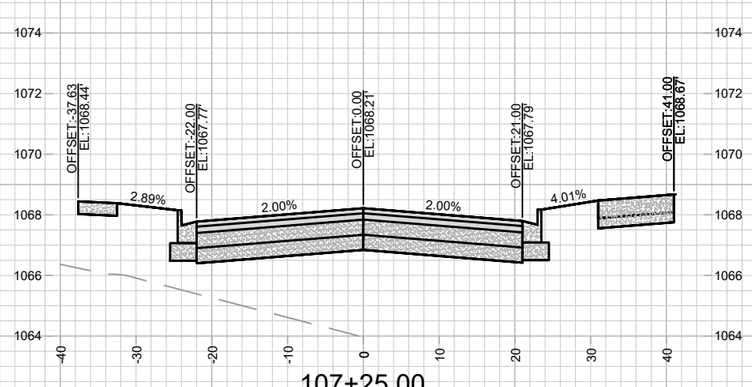


108+25.00



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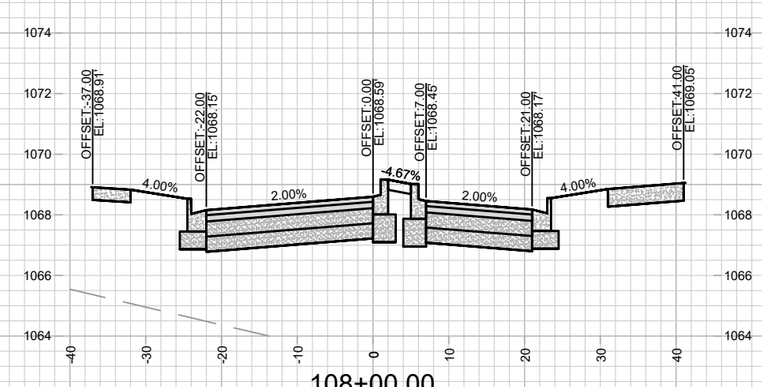

108+00.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20' X-4

15331

MADISON, WI

9538

CONTRACT NO:

CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

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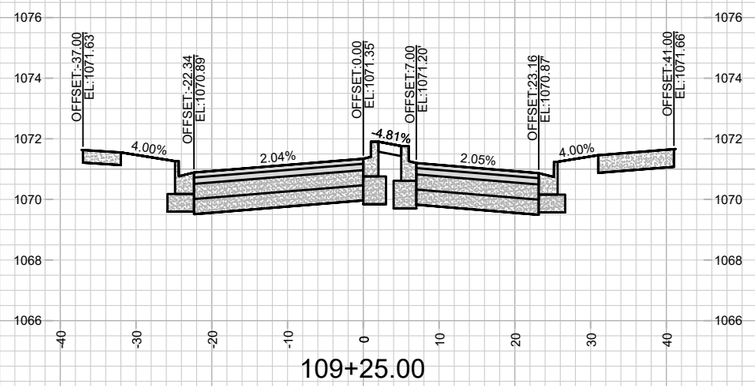
15331

X-4



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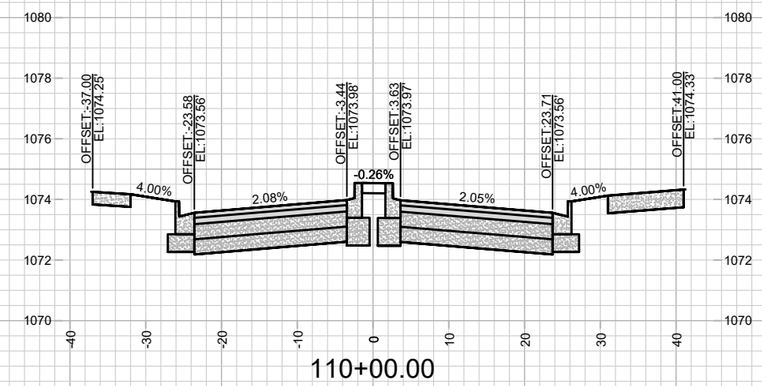
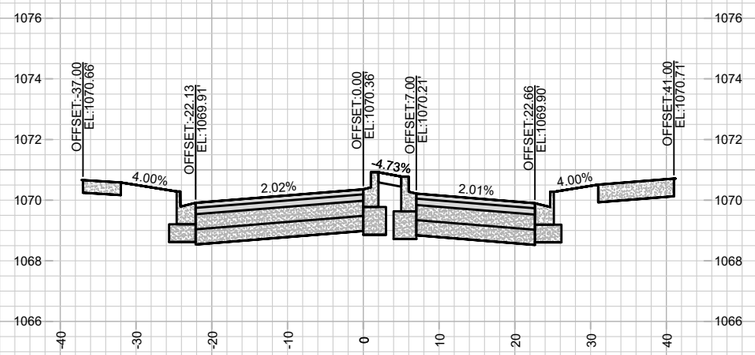
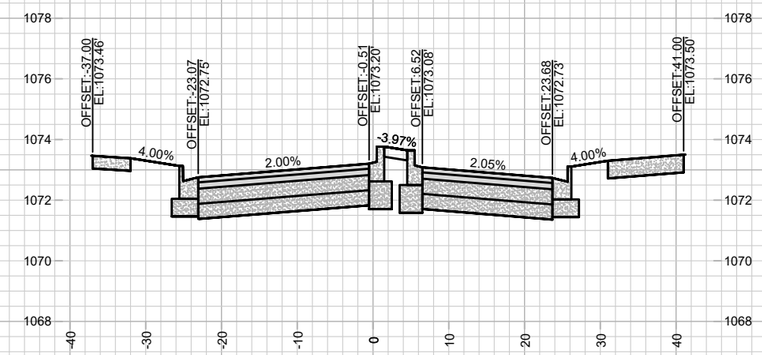


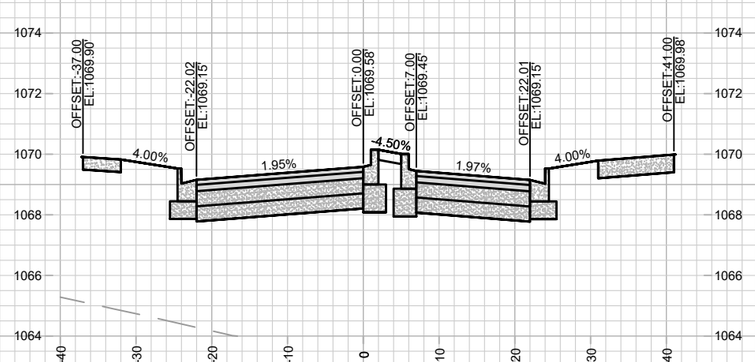
110+00.00



109+00.00



109+75.00



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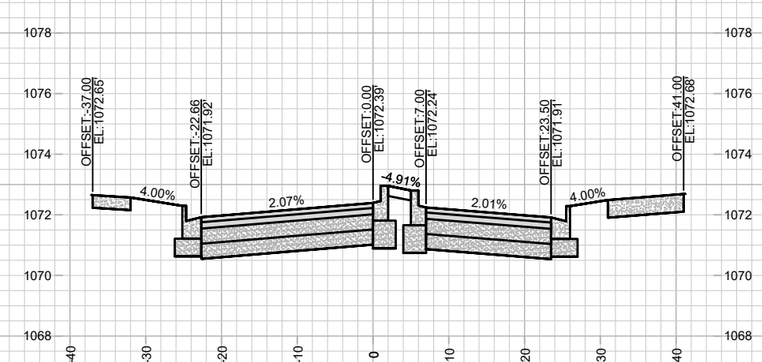

109+50.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

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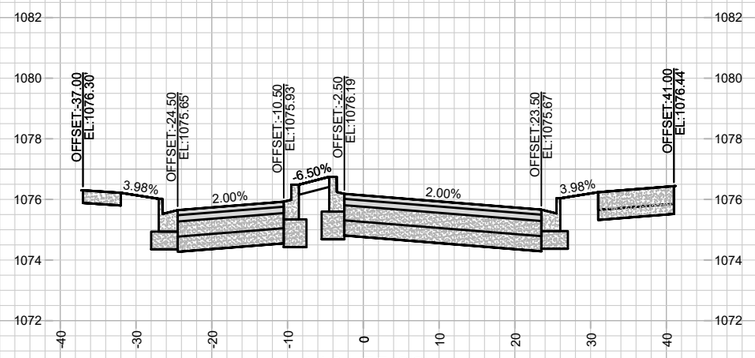
15331

X-5

X-5



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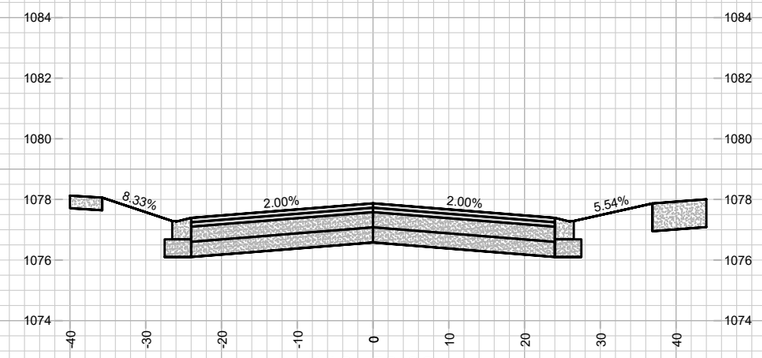
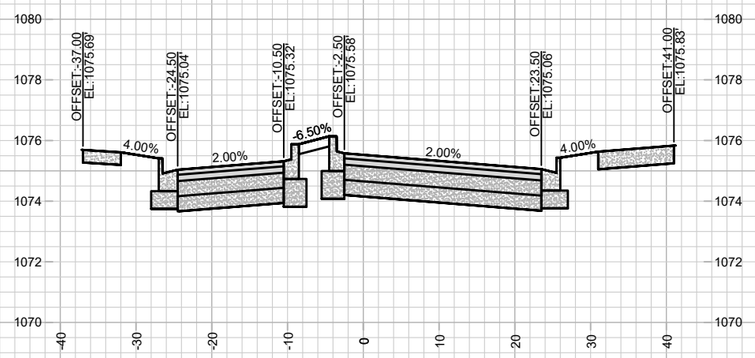


112+50.00



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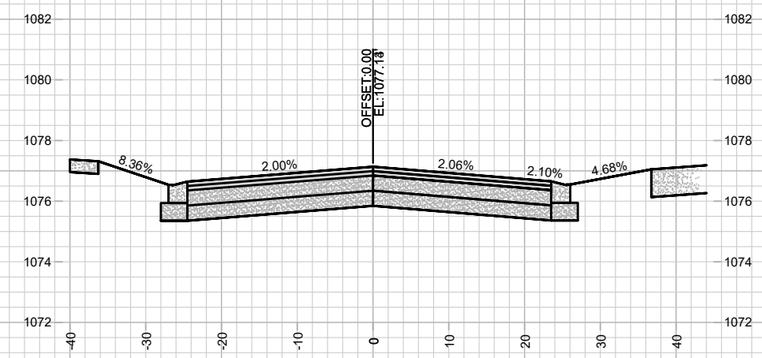

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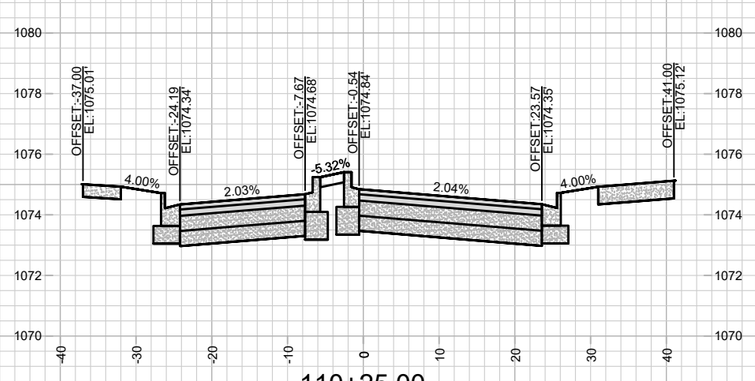

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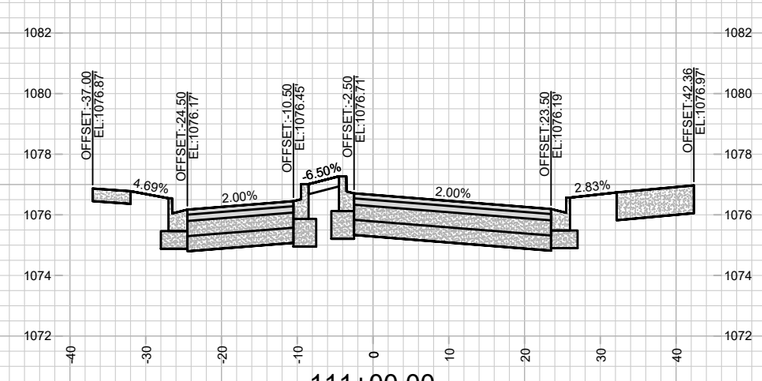

111+00.00

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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331

X-6

15331

MADISON, WI

9538

CONTRACT NO:

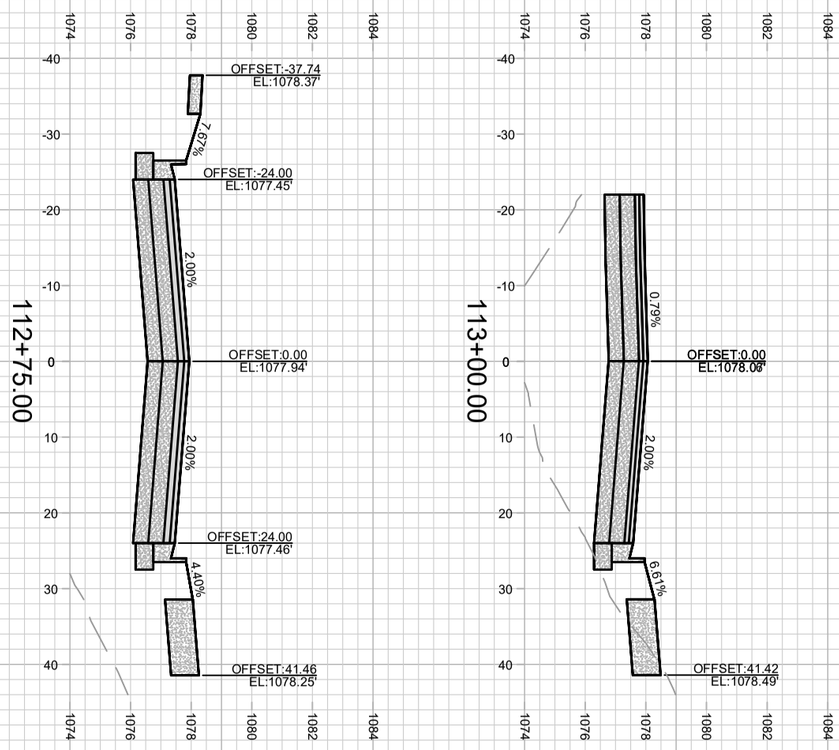
CROSS SECTIONS - S HIGH POINT RD

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-6



X-7	15331	CROSS SECTIONS - S HIGH POINT RD	15331	---	---
		MIDPOINT MEADOWS - PHASE 1	MADISON, WI	---	---
		M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg	CONTRACT NO: 9538	---	---
				MARK	REVISION / DATE / BY
				Designed By: FBEG	Date: 1/14/2025 7:48 AM / Scale: 1" = 20'
				15331	X-7

656+50.00

657+25.00

656+25.00

657+00.00

656+00.00

656+75.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331

X-8

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-8

658+00.00

658+75.00

657+75.00

658+50.00

657+50.00

658+25.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331

X-9

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

CITY OF MADISON WISCONSIN

15331

X-9

660+50.00

661+25.00

660+25.00

661+00.00

659+00.00

660+75.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331 X-10

15331

MADISON, WI

9538

CONTRACT NO:

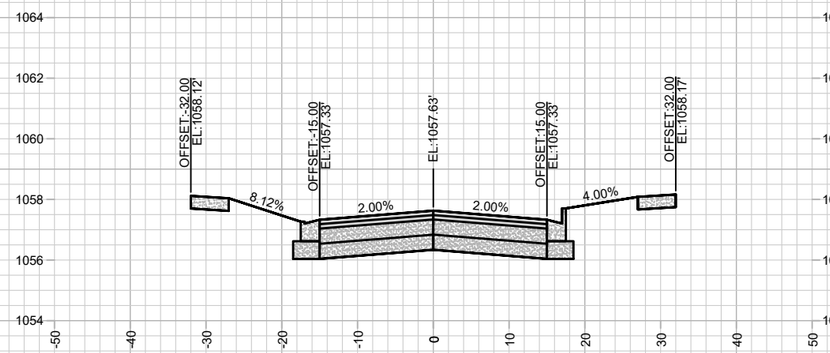
CROSS SECTIONS - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

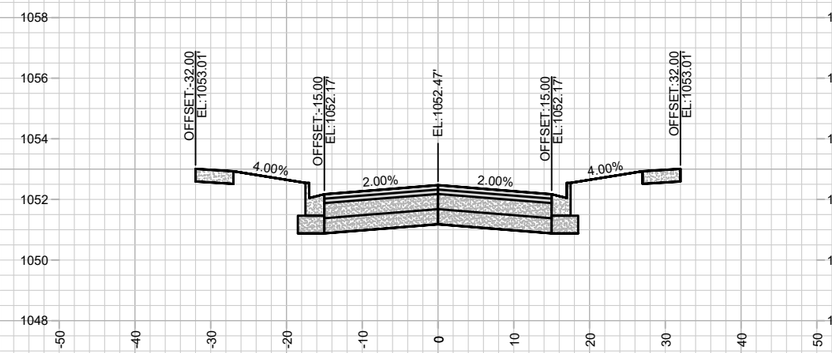
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

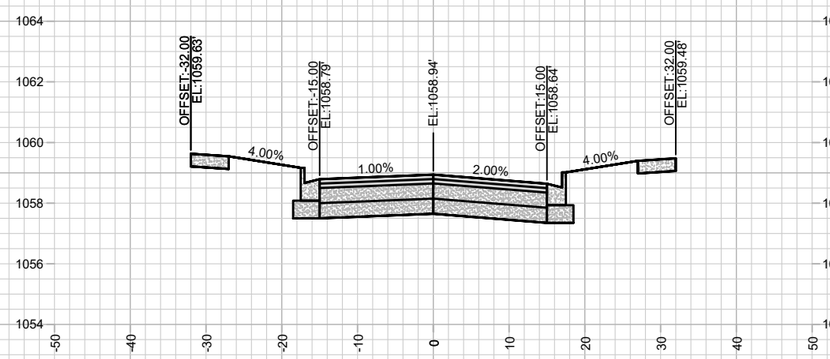
X-10



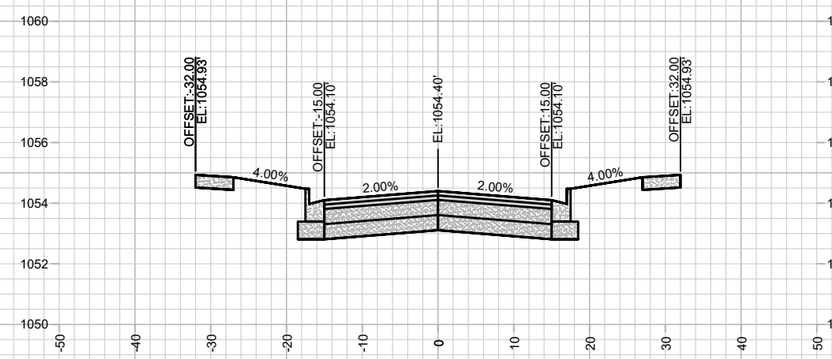
662+00.00



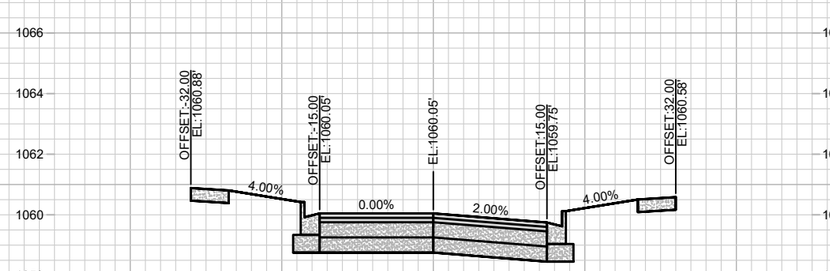
662+75.00



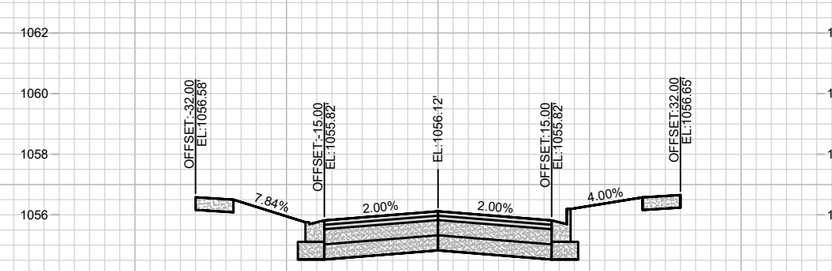
661+75.00



662+50.00



661+50.00



662+25.00

MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 1/14/2025 7:49 AM | Scale: 1" = 20'

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - STONES THROW DR

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-11

663+50.00

664+25.00

663+25.00

664+00.00

663+00.00

663+75.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331

MADISON, WI

CONTRACT NO: 9538

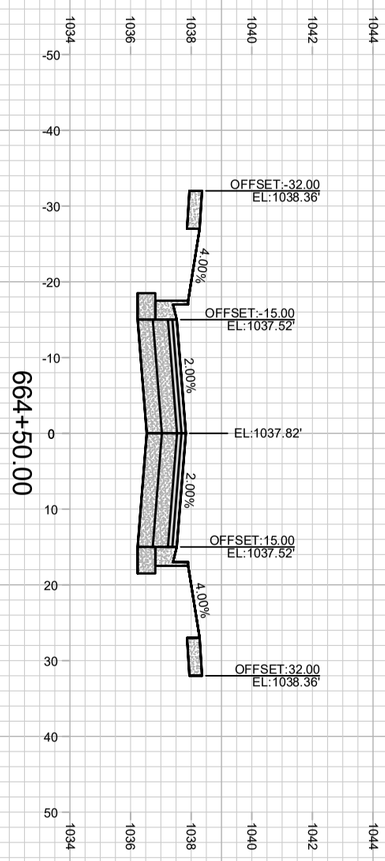
CROSS SECTIONS - STONES THROW DR

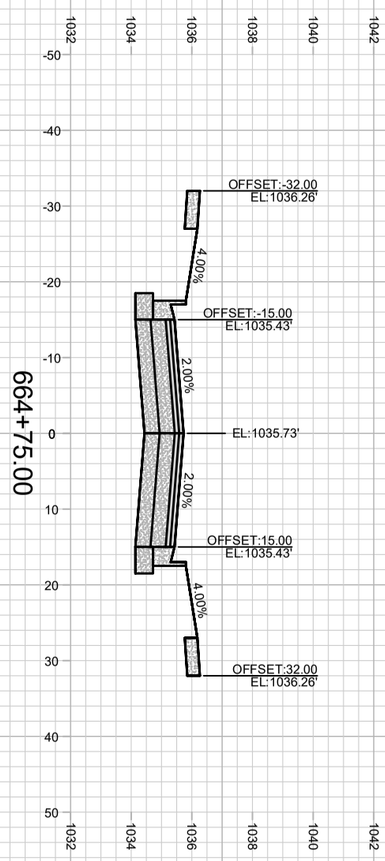
MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-12





X-13

15331

CROSS SECTIONS - STONES THROW DR 15331

MIDPOINT MEADOWS - PHASE 1 MADISON, WI

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg CONTRACT NO: 9538

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331 X-13

706+50.00

707+25.00

706+25.00

707+00.00

706+00.00

706+75.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331

15331

MADISON, WI

CONTRACT NO: 9538

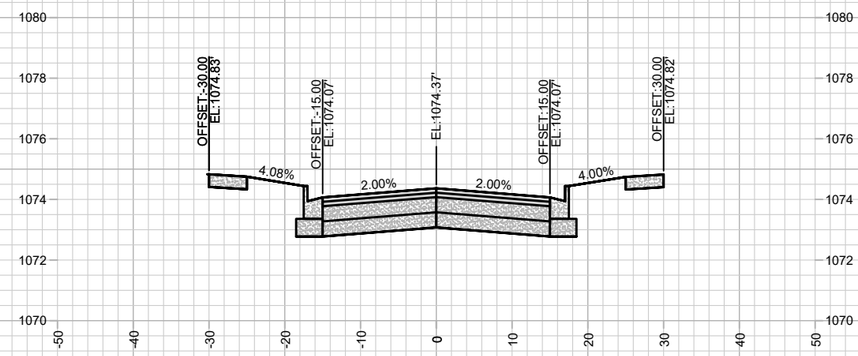
CROSS SECTIONS - STARNOVA DR

MIDPOINT MEADOWS - PHASE 1

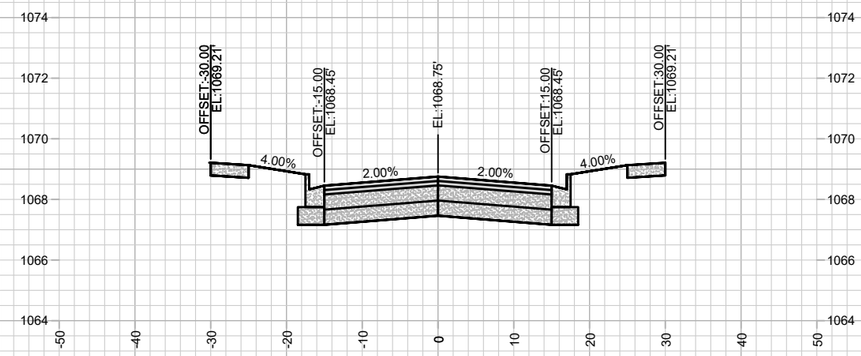
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

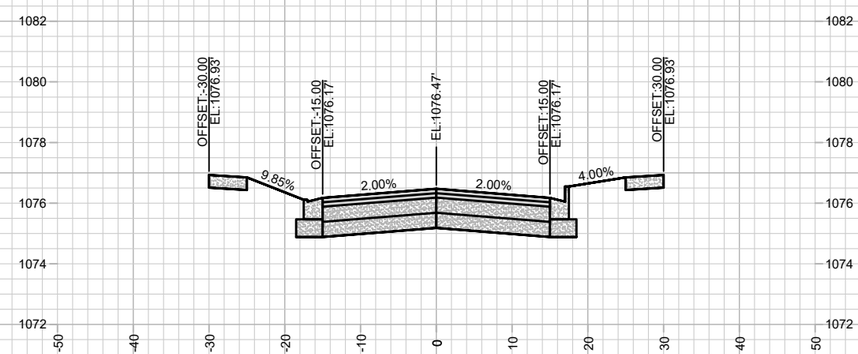
X-14



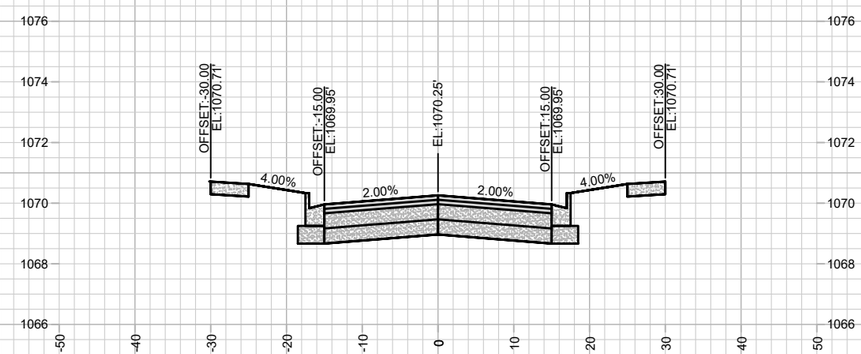
708+00.00



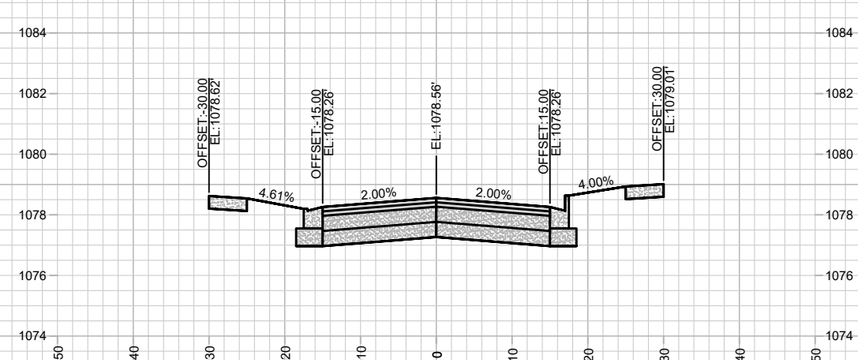
708+75.00



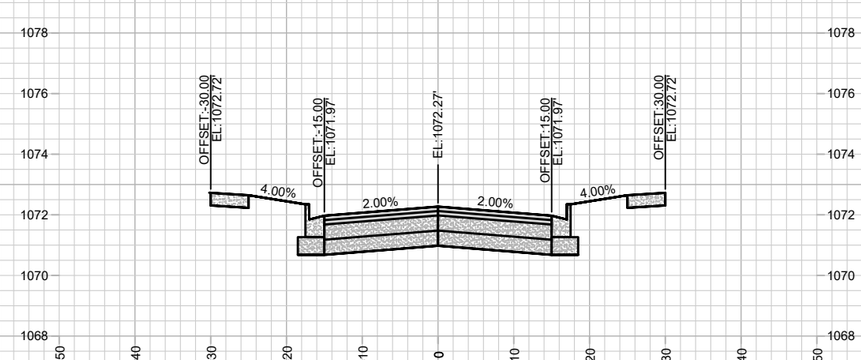
707+75.00



708+50.00



707+50.00



708+25.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:49 AM Scale: 1" = 20'

15331

X-15

15331

MADISON, WI

9538

CONTRACT NO:

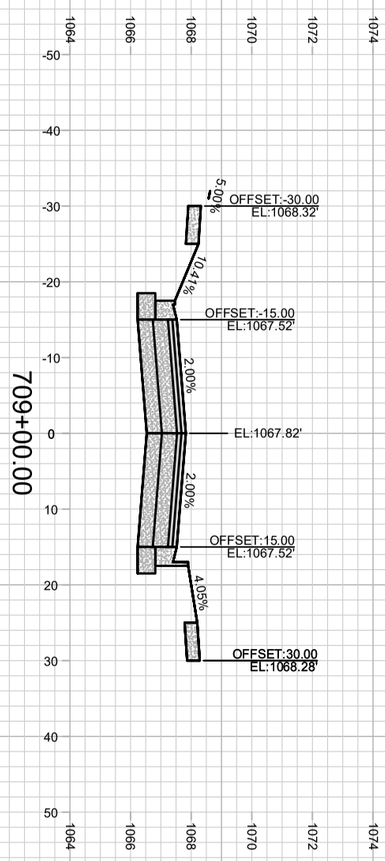
CROSS SECTIONS - STARNOVA DR

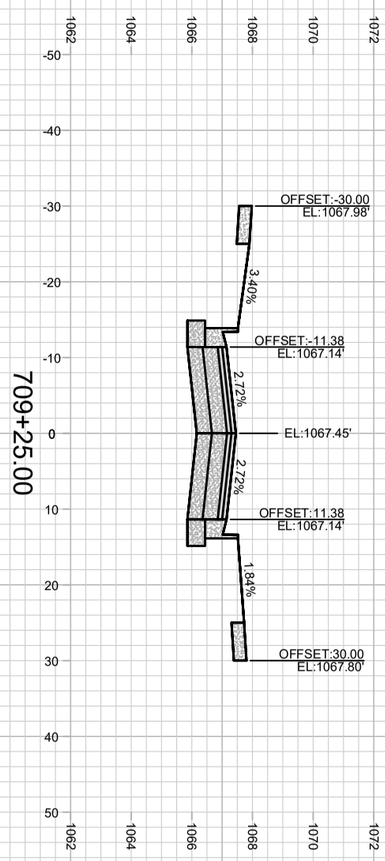
MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-15





X-16	15331	CROSS SECTIONS - STARNOVA DR	15331	
		MIDPOINT MEADOWS - PHASE 1	MADISON, WI	
		M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg	CONTRACT NO:	9538

MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 1/14/2025 7:50 AM | Scale: 1" = 20'

15331 | X-16

551+50.00

552+25.00

551+25.00

552+00.00

551+00.00

551+75.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:50 AM Scale: 1" = 20'

15331

X-17

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - LEGACY LN

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

CITY OF MADISON WISCONSIN

15331

X-17

553+00.00

553+75.00

552+75.00

553+50.00

552+50.00

553+25.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:50 AM Scale: 1" = 20'

15331

X-18

15331

MADISON, WI

9538

CONTRACT NO:

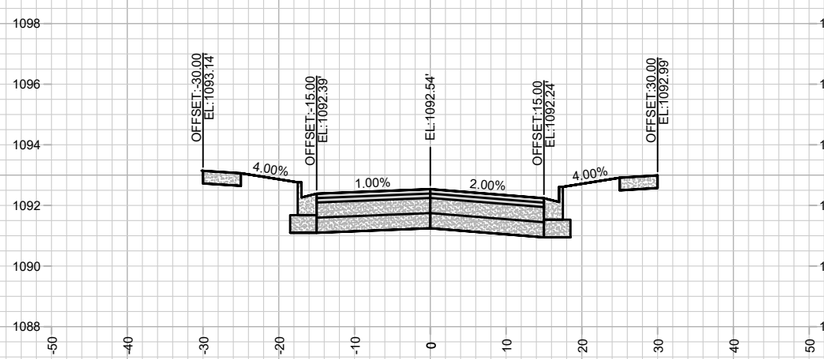
CROSS SECTIONS - LEGACY LN

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-18



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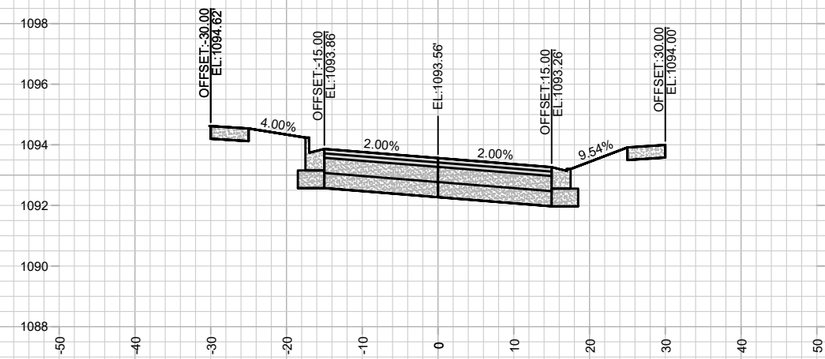
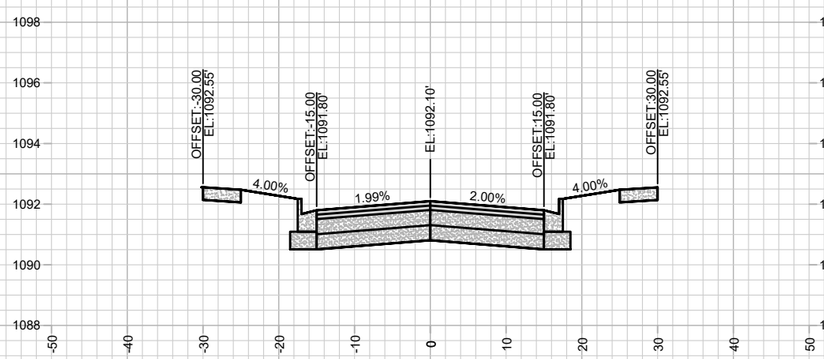
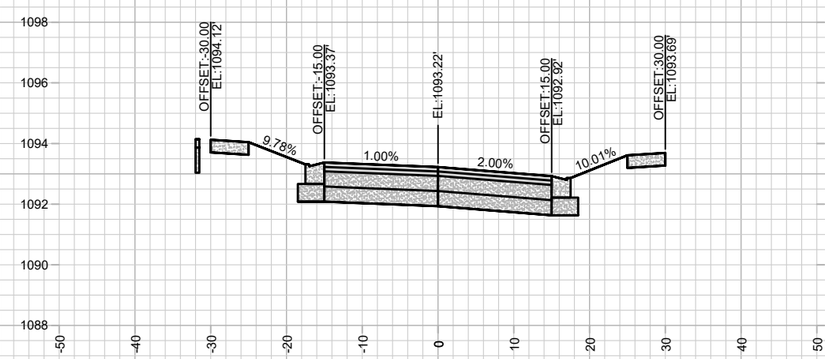


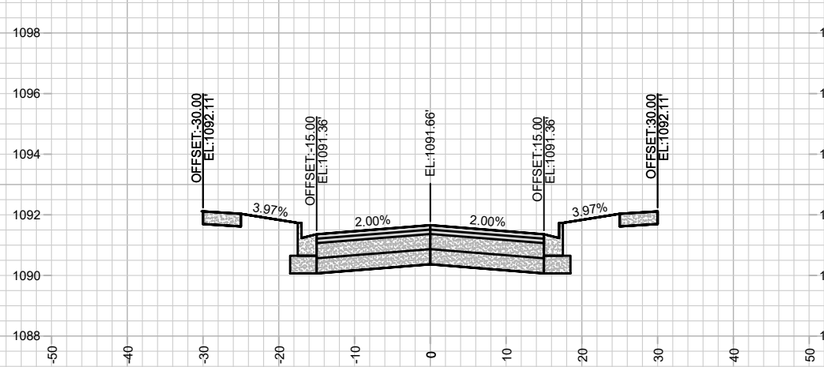
555+25.00



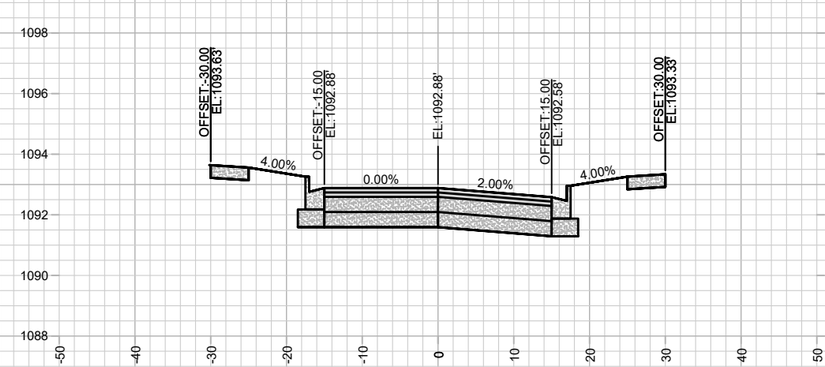
554+25.00



555+00.00



554+00.00



554+75.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:50 AM Scale: 1" = 20'

15331

X-19

15331

MADISON, WI

9538

CONTRACT NO:

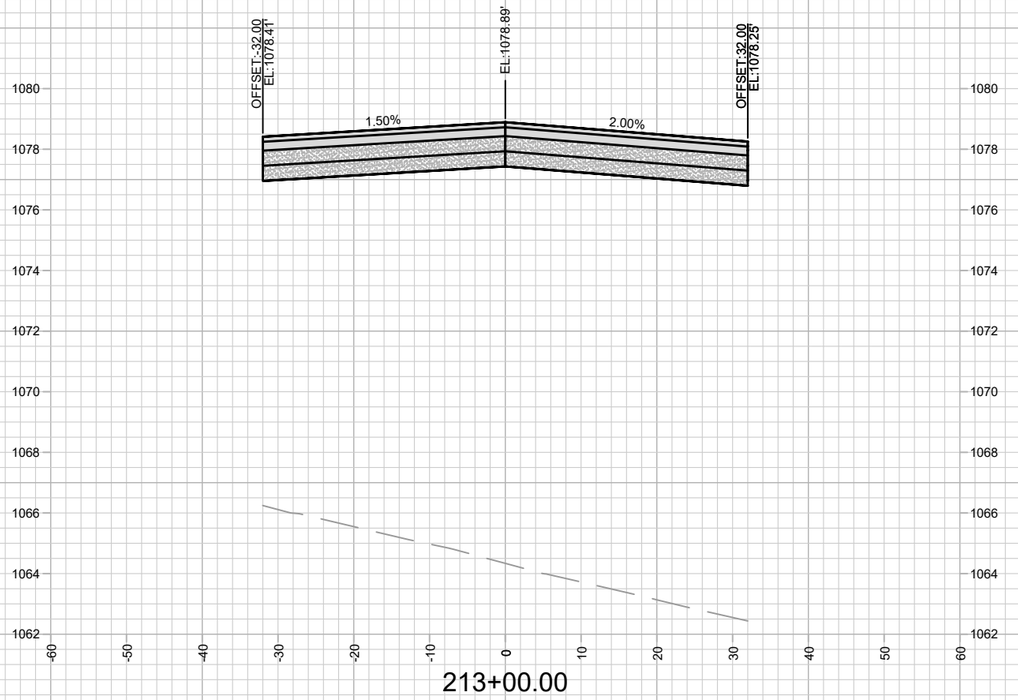
CROSS SECTIONS - LEGACY LN

MIDPOINT MEADOWS - PHASE 1

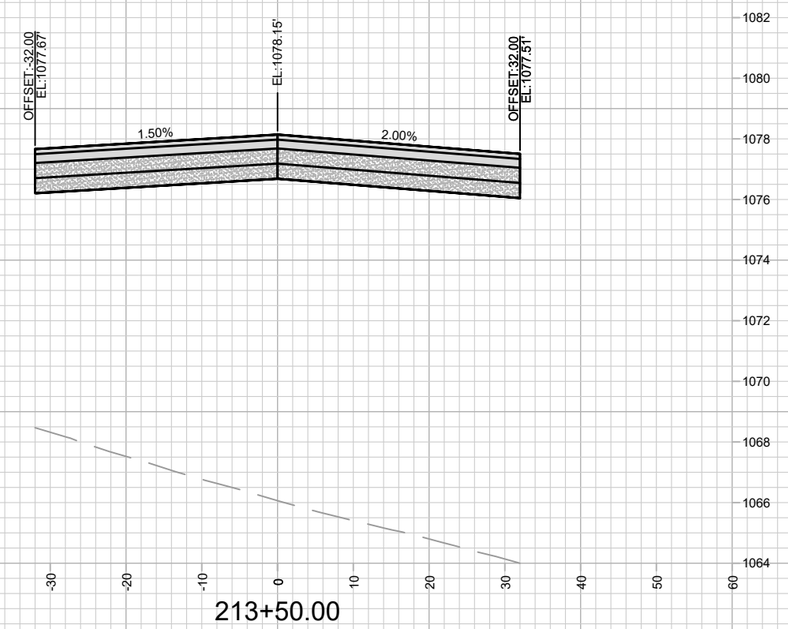
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

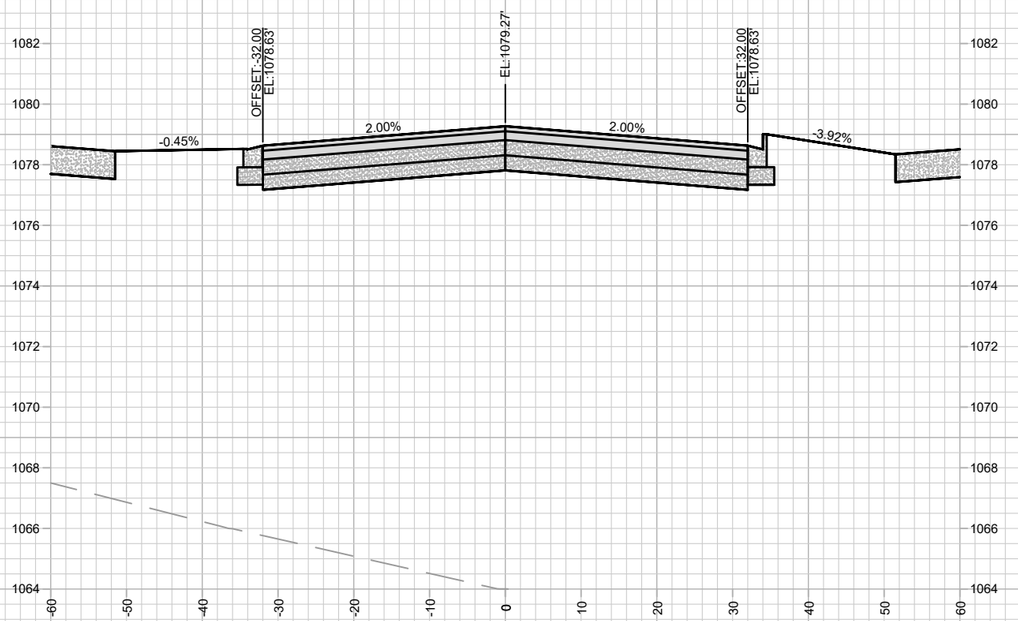
X-19



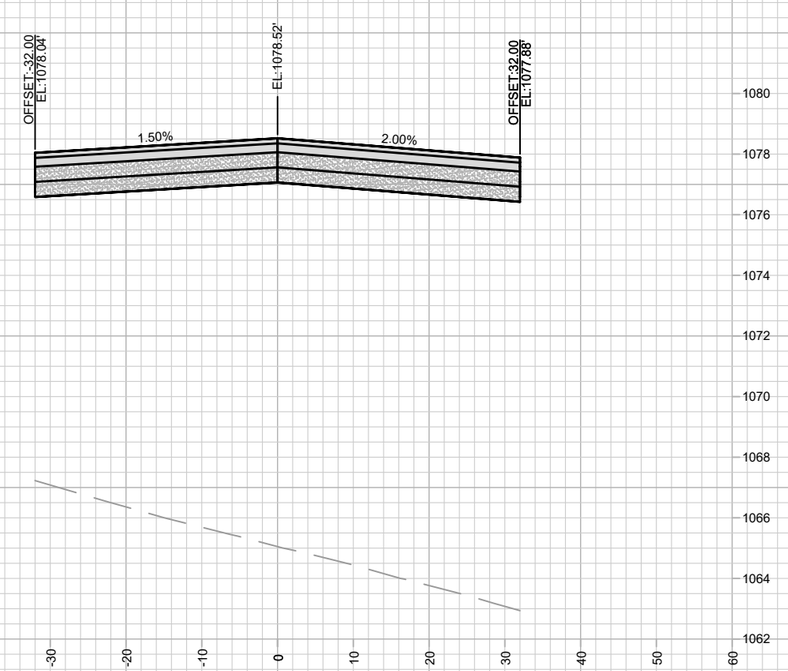
213+00.00



213+50.00



212+75.00



213+25.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:50 AM Scale: 1" = 20'

15331 X-20

15331

MADISON, WI

9538

CONTRACT NO:

CROSS SECTIONS - MID TOWN RD (FUTURE)

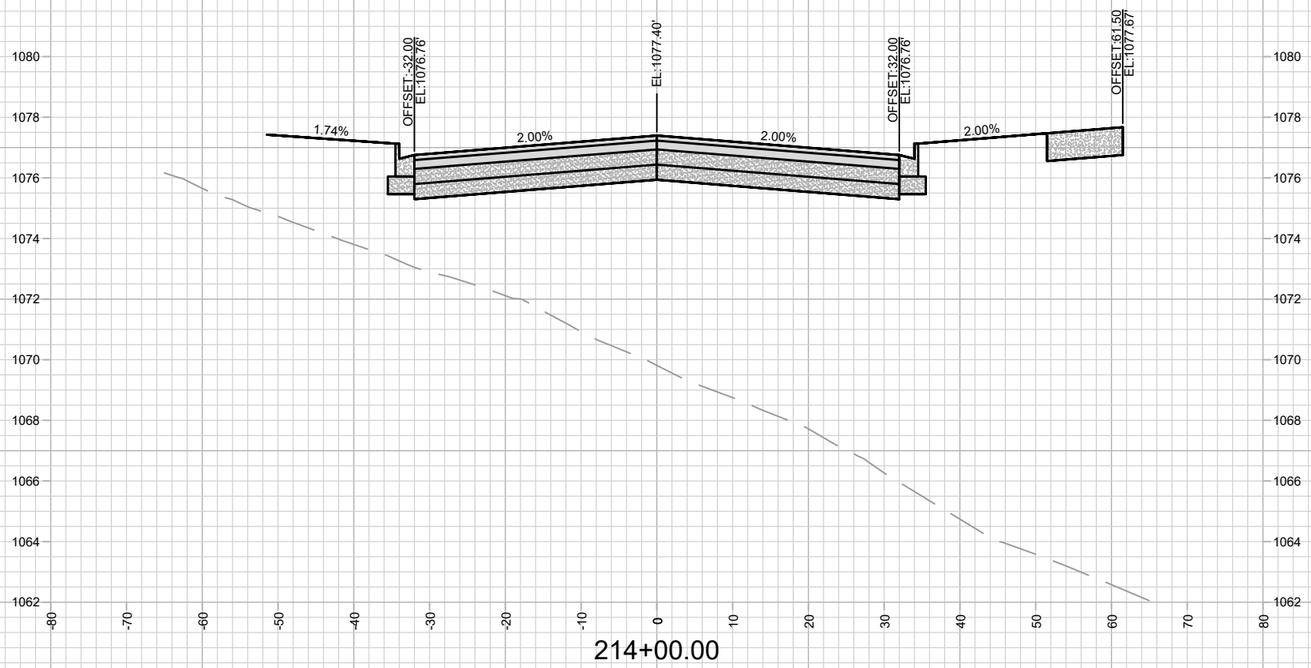
MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

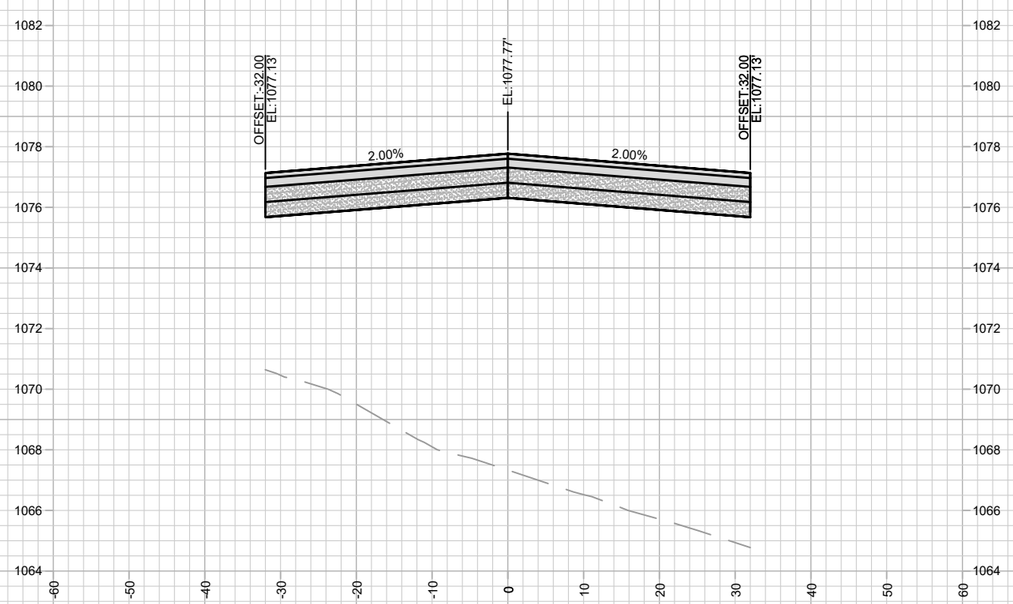
CITY OF MADISON WISCONSIN

15331

X-20



214+00.00



213+75.00

MARK	REVISION	DATE	BY
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Designed By: FBEG | Date: 1/14/2025 7:50 AM | Scale: 1" = 20'

15331

X-21

15331

MADISON, WI

9538

CONTRACT NO:

CROSS SECTIONS - MID TOWN RD (FUTURE)

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

CITY OF MADISON WISCONSIN

15331

X-21

80+75.00

81+50.00

80+50.00

81+25.00

80+25.00

81+00.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:51 AM Scale: 1" = 20'

15331

X-22

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - MID TOWN RD (EXISTING)

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-22

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:51 AM Scale: 1" = 20'

15331

X-23

15331

MADISON, WI

CONTRACT NO: 9538

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

CITY OF MADISON WISCONSIN

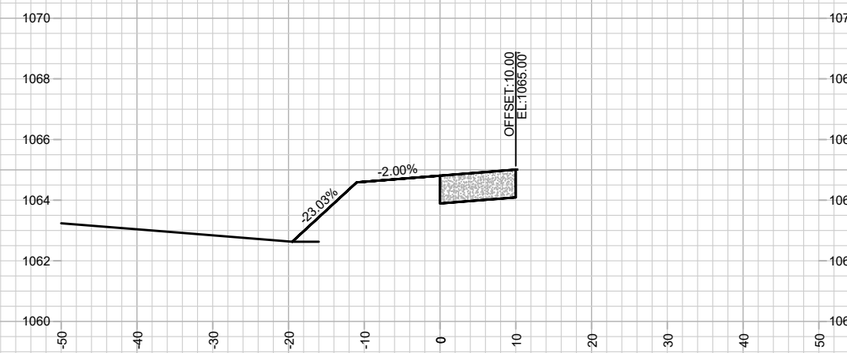
15331

X-23

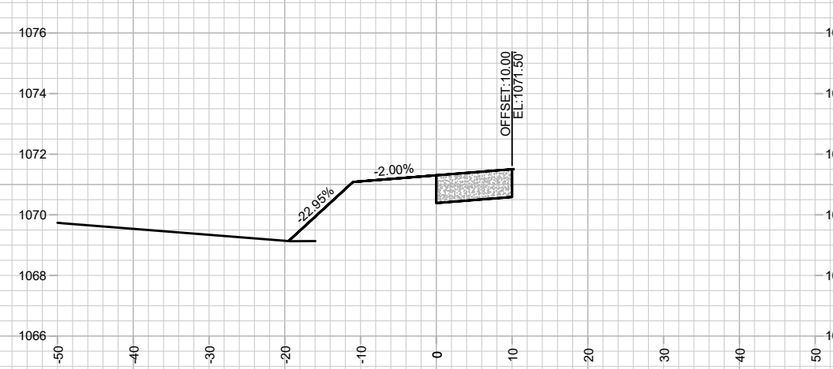
62+25.00

63+00.00

62+00.00



62+75.00



61+75.00

62+50.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:51 AM Scale: 1" = 20'

15331

X-24

15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

MADISON, WI

CONTRACT NO: 9538

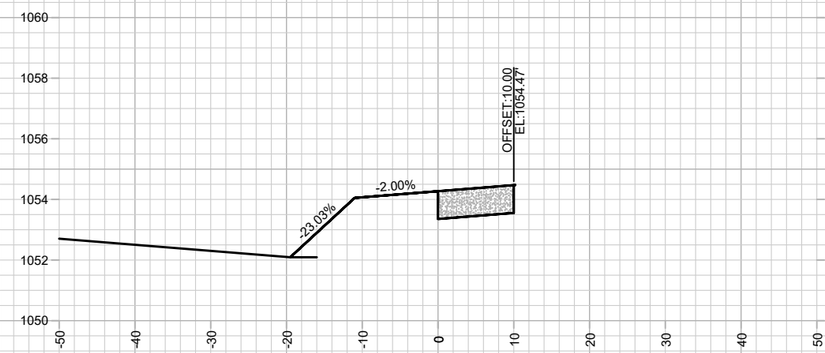
M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

CITY OF MADISON WISCONSIN

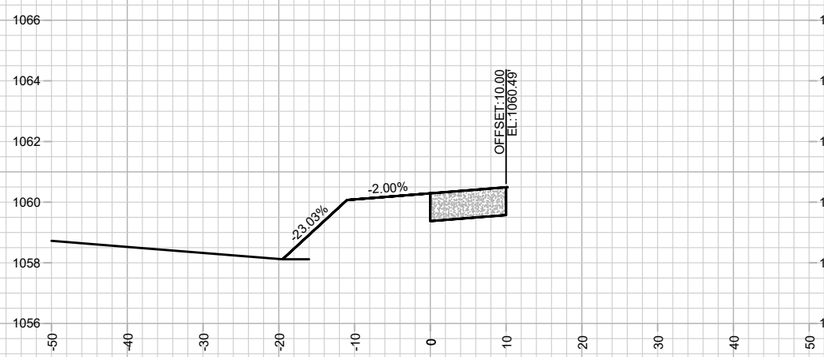
15331

X-24

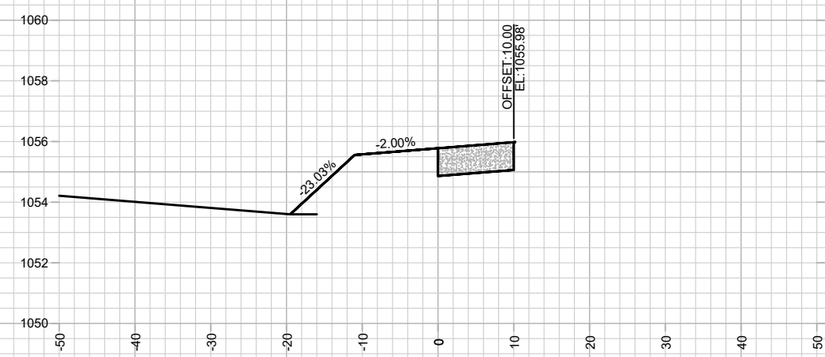
63+75.00



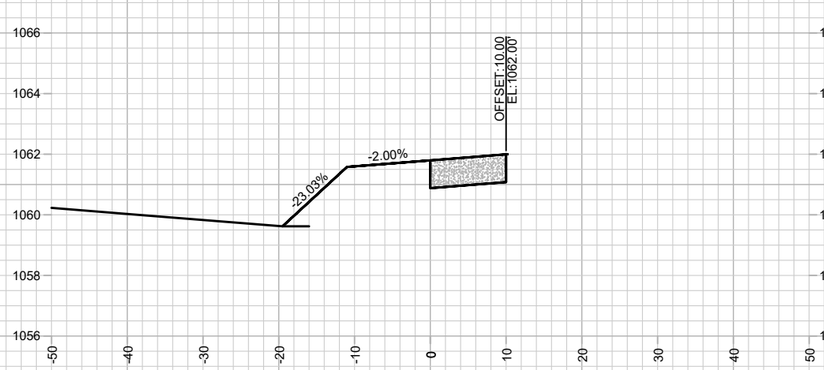
64+50.00



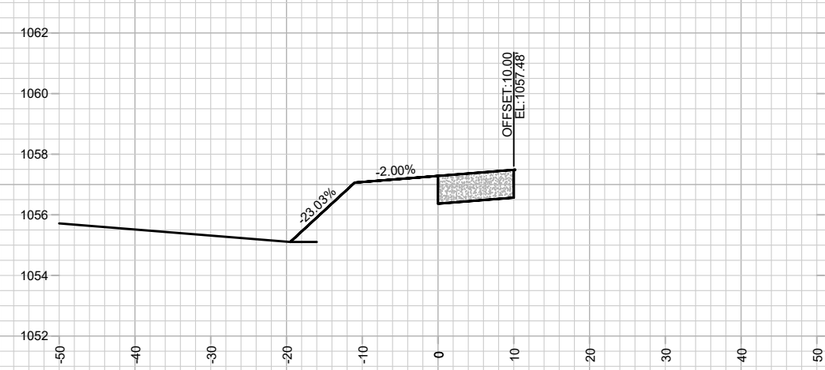
63+50.00



64+25.00



63+25.00



64+00.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:51 AM Scale: 1" = 20'

15331

X-25

15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

MADISON, WI

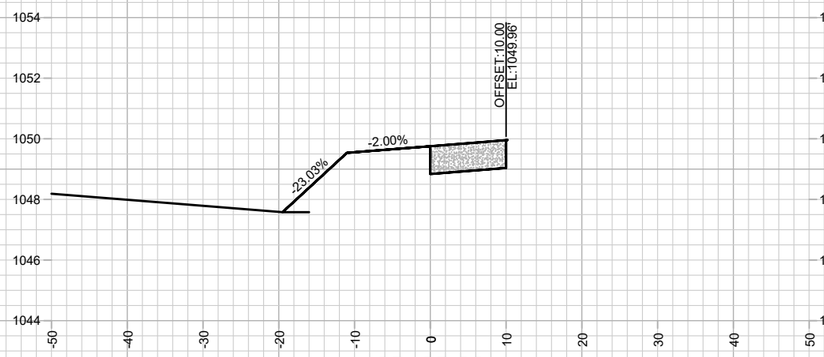
CONTRACT NO: 9538

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

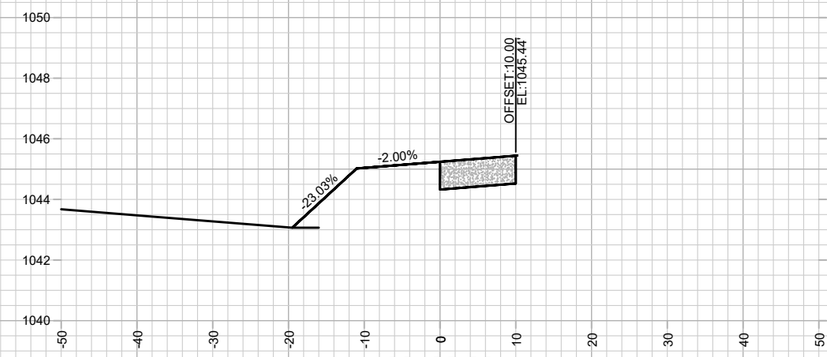
CITY OF MADISON WISCONSIN

15331

X-25

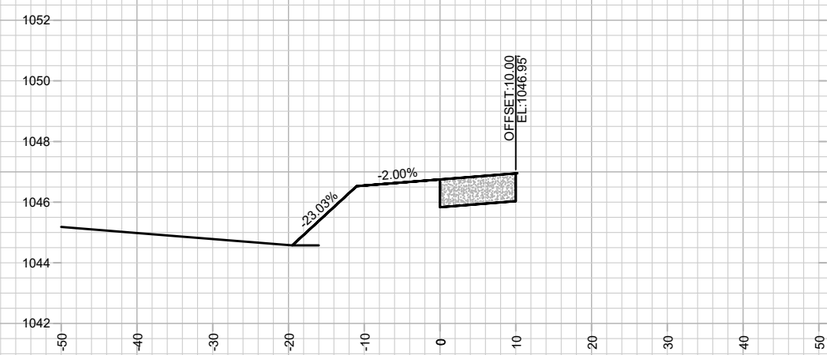


65+25.00



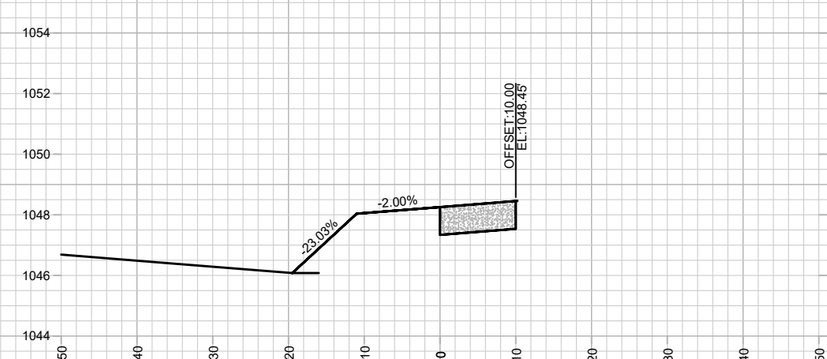
66+00.00

65+00.00



65+75.00

64+75.00



65+50.00

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Designed By: FBEG Date: 1/14/2025 7:51 AM Scale: 1" = 20'

15331

X-26

15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MADISON, WI

MIDPOINT MEADOWS - PHASE 1

CONTRACT NO: 9538

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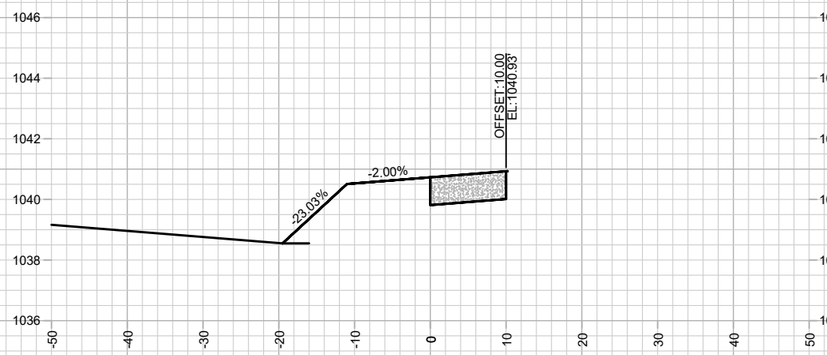
CITY OF MADISON WISCONSIN

15331

X-26

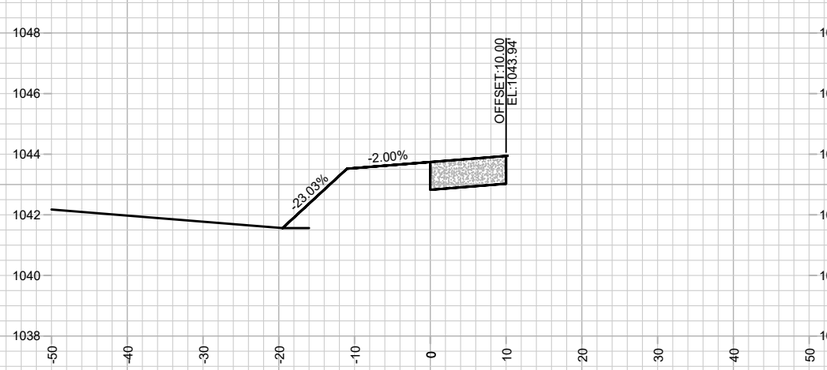


66+75.00

67+50.00

66+50.00

67+25.00



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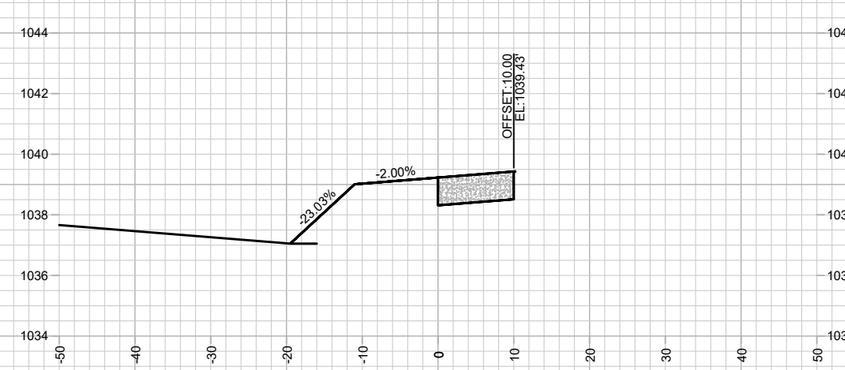

67+00.00

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Designed By: FBEG Date: 1/14/2025 7:51 AM Scale: 1" = 20'

15331

X-27

15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

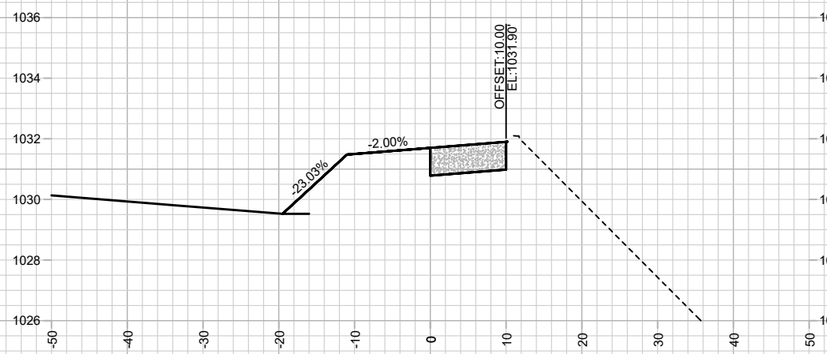
MADISON, WI

CONTRACT NO: 9538

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

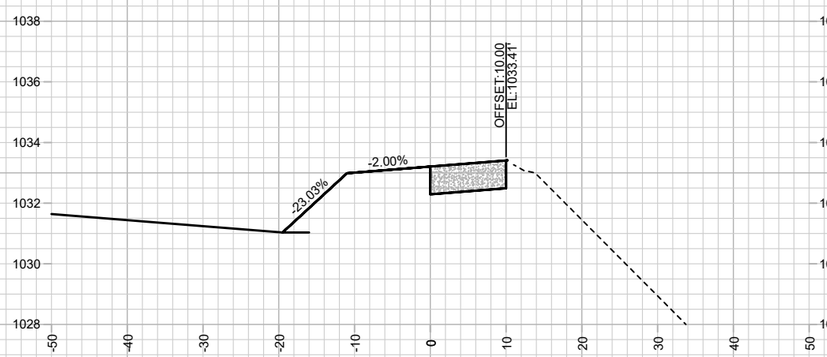
15331

X-27



68+25.00

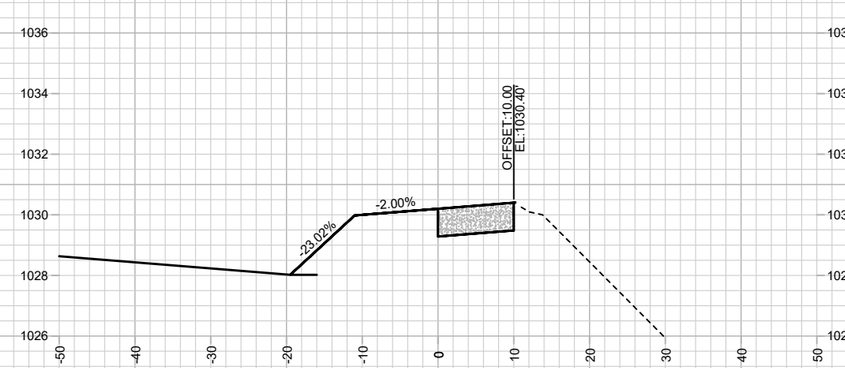
69+00.00



68+00.00

68+75.00

67+75.00



68+50.00

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Designed By: FBEG Date: 1/14/2025 7:52 AM Scale: 1" = 20'

15331

X-28

15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MADISON, WI

MIDPOINT MEADOWS - PHASE 1

CONTRACT NO: 9538

M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg

15331

X-28

69+75.00

70+50.00

69+50.00

70+25.00

69+25.00

70+00.00

MARK	REVISION	DATE	BY
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Designed By: FBEG Date: 1/14/2025 7:52 AM Scale: 1" = 20'

15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

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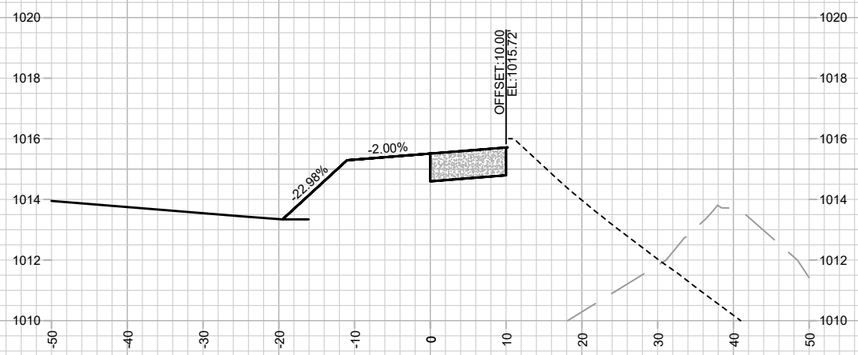
MADISON, WI

CONTRACT NO: 9538

15331

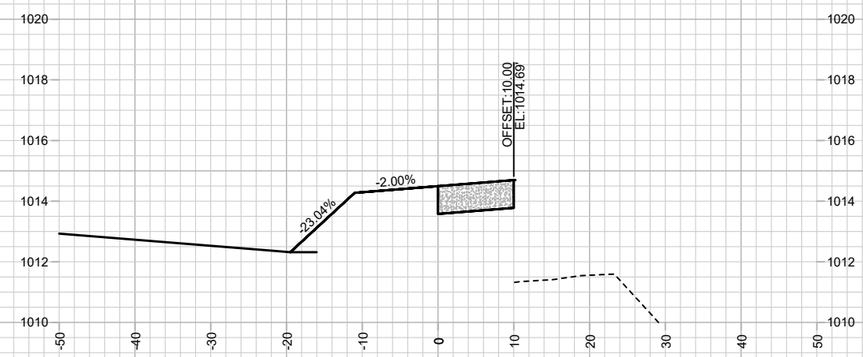
X-29



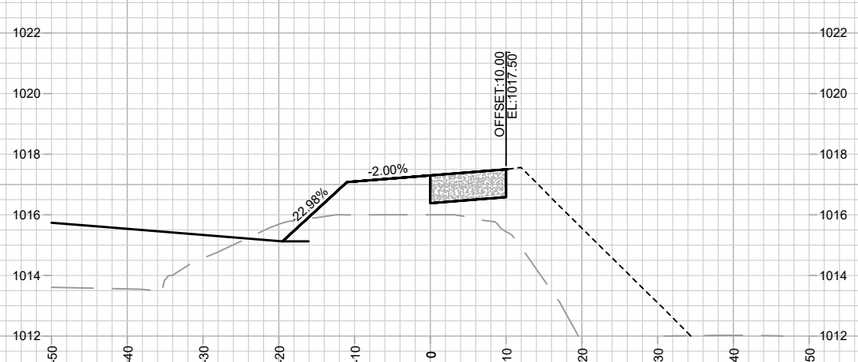
71+25.00

72+00.00

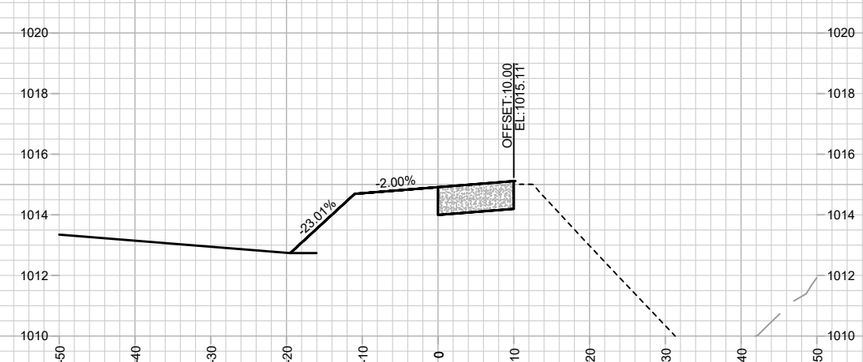
71+00.00



71+75.00



70+75.00



71+50.00

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Designed By: FBEG Date: 1/14/2025 7:52 AM Scale: 1" = 20' X-30

15331

CROSS SECTIONS - SHARED USE PATH ALONG LOT 218

MIDPOINT MEADOWS - PHASE 1

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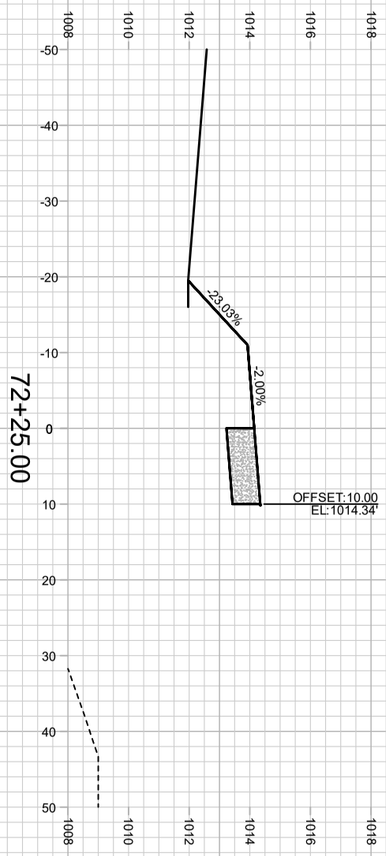
MADISON, WI

CONTRACT NO: 9538

CITY OF MADISON WISCONSIN

15331

X-30



X-31	15331	CROSS SECTIONS - SHARED USE PATH ALONG LOT 218	15331	---	---
		MIDPOINT MEADOWS - PHASE 1	MADISON, WI	---	---
		M:\DESIGN\Projects\15331\CAD\Streets\15331EN-Xsections.dwg	CONTRACT NO: 9538	---	---

MARK	REVISION	DATE	BY
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Designed By: FBEG	Date: 1/14/2025 7:52 AM	Scale: 1" = 20'
15331		X-31