

Madison, Wisconsin

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SHEET NO.	MN1-MN4	MAINTENANCE SHEETS



LOCATION MAP
NOT TO SCALE



Corporate Office:
1 Main Street SE, Suite 300
Minneapolis, Minnesota 55414
(612) 746-3660

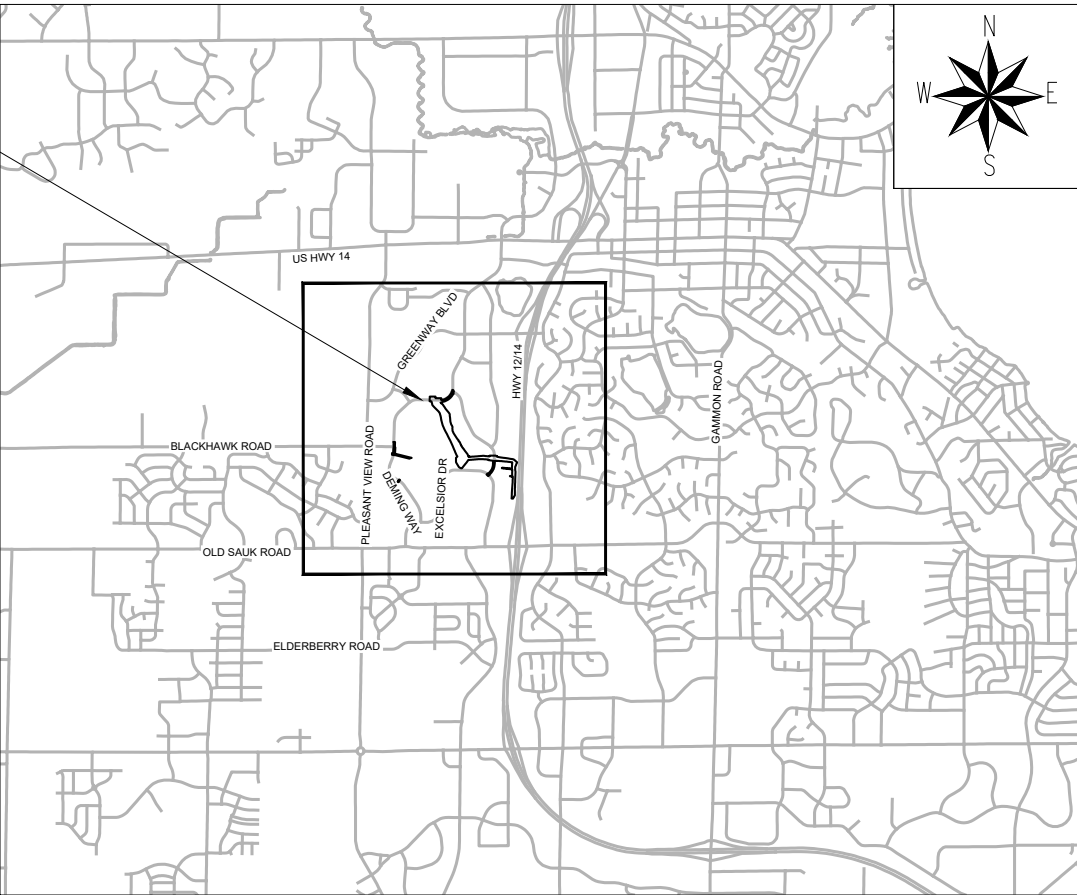
Wisconsin Office:
N3764 Uni Drive
Freedom, WI 54130
(920) 393-9198

CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT
PHEASANT BRANCH GREENWAY ENHANCEMENT

CITY PROJECT NO. 14370

CONTRACT NO. 9517

PROJECT
LOCATION



EARTHWORK SUMMARY

EXCAVATION - CUT (COMMON) (MEASURED PLAN QUANTITY).....	77532 CU. YD.
EXCAVATION - CUT (DREDGING) (MEASURED PLAN QUANTITY).....	9795 CU. YD.
SELECT FILL PLACEMENT.....	1410 CU. YD.
TOPSOIL PLACMENT.....	11285 CU. YD.

ADDENDUM #2
REVISED THE FOLLOWING:
SHEETS D1-D3
SHEETS EC1-EC4
SHEETS G13, G15, G112
SHEETS P1-P19, P21, P24-27
SHEETS U1-U18, U22
SHEETS E1-E6
SHEET PM1
SHEETS X32A-X34, X45-X48



Know what's below.
Call before you dig.

NOTES:

- ALL GUTTERS SHALL DRAIN WITH A MIN. GRADE OF 0.50% TOWARD STORM SEWER INLETS
- SIDEWALK RAMPS SHALL HAVE A MAX. SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.0%. SIDEWALK SHALL HAVE A MIN. LONGITUDINAL SLOPE OF 0.50% AND A MAX. LONGITUDINAL SLOPE OF 5.0% EXCEPT WHERE STREET GRADES EXCEED 5.0%

REVISION 1
SHEETS S1-S5, S7

REVISION 2
SHEET EC1-EC2
SHEETS P9, P13, P14
SHEETS U1, U5, U9, U11, U16, U19, U21
SHEETS X18-X19, X48

PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE
SEPTEMBER 13, 2024

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Julie

Oct 18, 2024

City Engineer

Date

STREET
DESIGNED BY:



PROFESSIONAL ENGINEER'S CERTIFICATION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Wisconsin.

Josh Petersen October 18, 2024
(Signature) (Date)

Printed Name: Josh Petersen, PE
My license renewal date is July 31, 2026 License No: 49607

STORM & SANITARY SEWER
DESIGNED BY:



PROFESSIONAL ENGINEER'S CERTIFICATION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Wisconsin.

Josh Petersen October 18, 2024
(Signature) (Date)

Printed Name: Josh Petersen, PE
My license renewal date is July 31, 2026 License No: 49607

LIGHTING
DESIGNED BY:



Oct 18, 2024

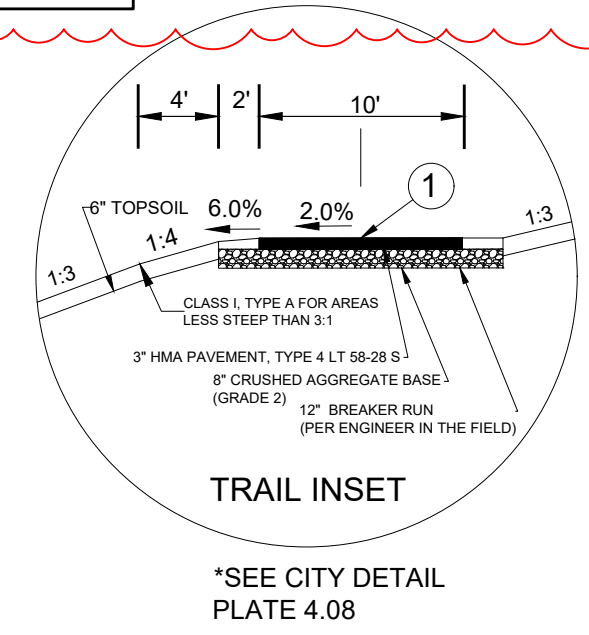
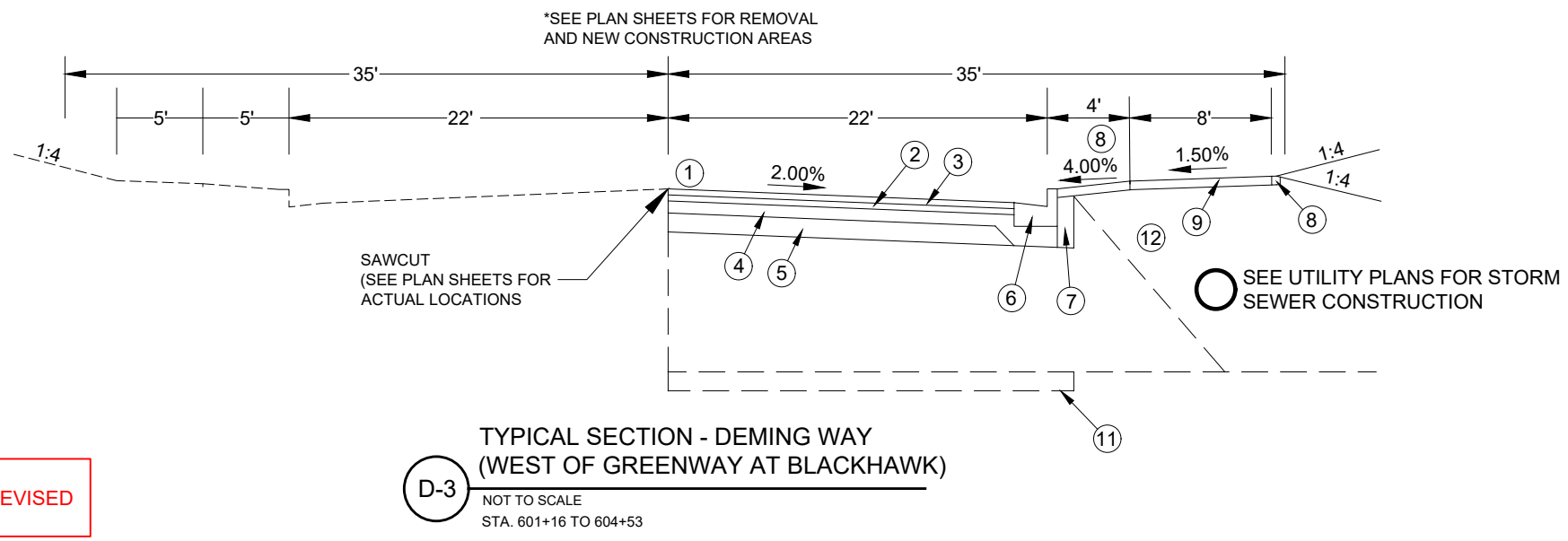
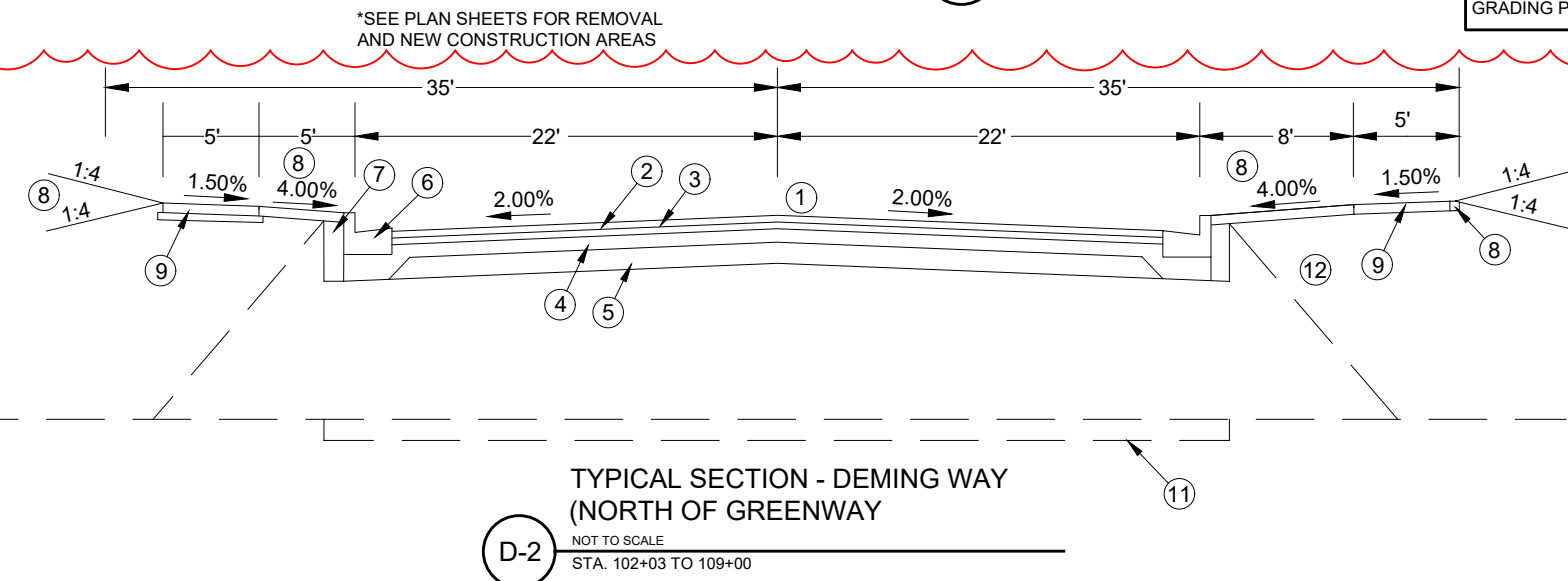
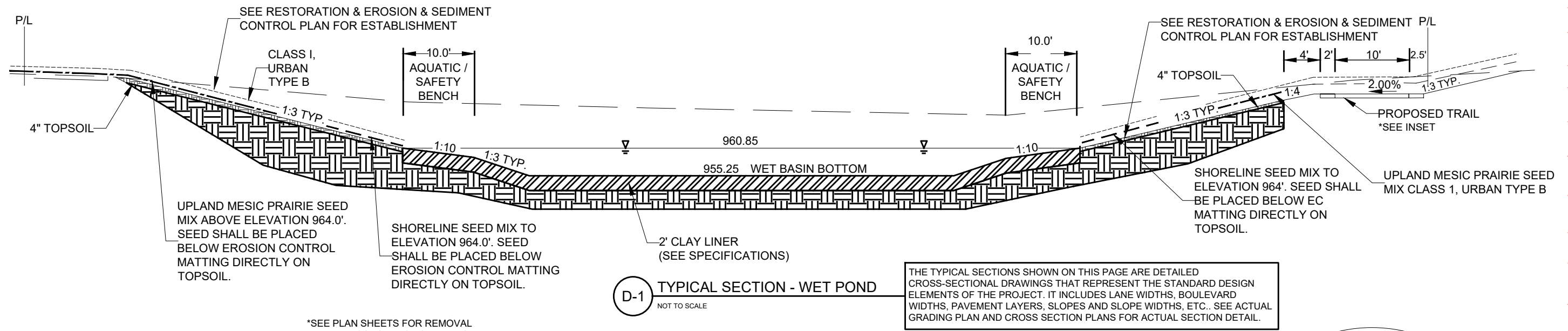
1. UNDERDRAINS SHALL BE INSTALLED PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.
2. THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER 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.
3. ALL CURB RAMPS AND DRIVEWAY CONCRETE TO BE 7" DEPTH.
4. ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.
5. PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.
6. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO WORK COMMENCING.
7. CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICES 5 DAYS PRIOR TO STARTING WORK.
8. PRIVATE UTILITIES SHOWN IN PLAN SET HAVE VARYING LEVELS OF ACCURACY. UTILITIES SHOWN ARE DEVELOPED FROM UTILITY MAP MARK-UPS, & FIELD SURVEY DATA. CONTRACTOR TO VERIFY PRIVATE UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
9. STOP WORK IF ENCOUNTERING ANY SUBSURFACE LATENT CONDITIONS, PIPE LINE BREAKS, DAMAGED UTILITIES, OR OTHER UNKNOWN OR UNFORESEEN INFRASTRUCTURE DAMAGE.
10. ANY PRODUCT SPECIFIED SHOULD COMPLY WITH MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS AND COMPLY WITH MANUFACTURERS INSTALLATION PROCEDURES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL PROTECTION DURING CONSTRUCTION AS WELL AS PROVIDING PROTECTION TO ADJOINING STREETS FROM POLLUTED RUNOFF AS WELL AS KEEPING EXISTING PAVEMENT CLEAN OF MUD AND DEBRIS. PAVEMENT SWEEPING OF CITY ROADS SHALL BE PERFORMED AS NECESSARY.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF TEMPORARY SIGNS, BRIDGES, BARRICADES, FLAGGING PERSONNEL, AND OTHER FACILITIES TO ADEQUATELY SAFEGUARD THE GENERAL PUBLIC AND WORK, AND TO PROVIDE FOR PROPER ROUTING OF VEHICULAR AND PEDESTRIAN TRAFFIC AS NECESSARY.

LEGEND

GAS	_____ G _____
STORM SEWER	_____ ST _____ ST _____
SANITARY SEWER	_____ SAN _____
WATER	_____ W _____ W _____
BURIED ELECTRIC	_____ E _____
OVERHEAD ELECTRIC	_____ OHE _____
BURIED FIBER	_____ FO _____
BURIED COMM. LINE	_____ COM _____
BURIED TV LINE	_____ TV _____
BURIED STREET LIGHTING	_____ SL _____
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

CITY OF MADISON-STANDARD	
NO.	DESCRIPTION
1.05	CLEAR STONE BERM FOR EROSION CONTROL
1.07	CONSTRUCTION ENTRANCE
1.11	RIGID FRAME INLET PROTECTION
3.03	STANDARD CURB RAMPS TYPES 1 AND 2
3.06	MADISON STANDARD CONCRETE CURB & GUTTER
4.06	PAVEMENT DESIGN CRITERIA
4.08	TYPICAL SECTION BIKE PATH
5.1.4	SAS ACCESS ROAD PERMANENT
5.2.1A	STORM BEDDING AND BACKFILL
5.4.4	RIPRAP AT APRON END WALLS
5.4.6	CONCRETE PIPE JOINT TIES
5.5.1 A	BOX CULVERT WINGWALL-1
5.5.1 B	BOX CULVERT WINGWALL-2
5.5.2	RIPRAP AT BOX CULVERT WING WALL
5.7.1	SANITARY SEWER CAST-IN-PLACE SAS
5.7.3	FIELD POURED SAS AND CATCH BASINS STORM
5.7.12	TERRACE INLET TYPE 1
5.7.21	R-3067 TYPE V GRATE (VANE)
5.7.7	TYPE H INLET
505.3	PIPE WRAP

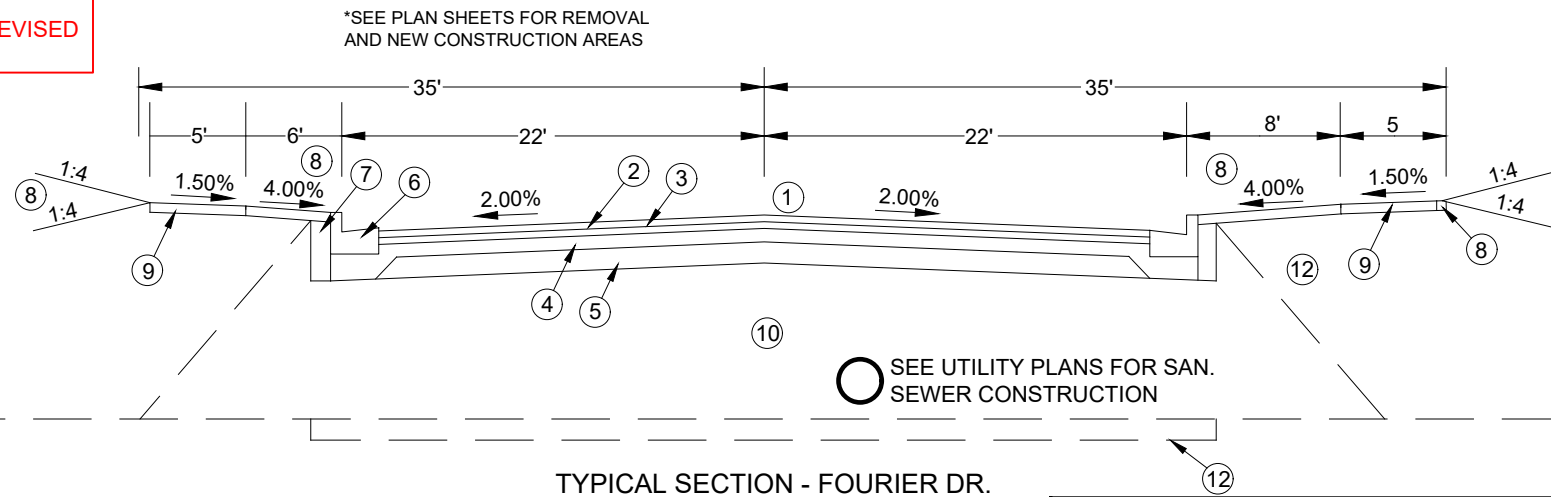
14370	D1		STANDARD NOTES	14370						
			PHEASANT BRANCH GREENWAY ENHANCEMENT	MADISON, WI						
Z:\Client\A_D\City_Of_Madison\Enhancement\Engineering\Plus_Sheets\2023\0227 General Notes.dwg			CONTRACT NO:	9517	MARK	14370	REVISION	Date: 11/09/2024 3:54 PM	BY	D1



- ① PROFILE ELEVATION
- ② 2" HMA PAVEMENT, TYPE 4 LT 58-28 S (UPPER LAYER)
- ③ 2.5" HMA PAVEMENT, TYPE 3 LT 58-28 S (LOWER LAYER)
- ④ 6" GRADATION 2 CRUSHED AGG. BASE (UPPER LAYER)
- ⑤ 6" GRADATION 1 CRUSHED AGG. BASE (LOWER LAYER)
- ⑥ CONCRETE CURB & GUTTER TYPE A
- ⑦ FILL INCIDENTAL TO CURB & GUTTER INSTALLATION
- ⑧ RESTORE DISTURBED AREA W/ 6" TOPSOIL, SEED, AND CLASS 1, TYPE A URBAN EROSION MATTING
- ⑨ 5" CONC. WALK
- ⑩ SELECT FILL UNDER STREET, DEPTH VARIES, 2" UNDER SIDEWALK
- ⑪ GEOSYNTHETIC REINFORCEMENT FABRIC AS NEEDED
- ⑫ FILL BORROW

ADDENDUM NOTE:
-WET POND SEEDING REVISED
-UPDATED LEGEND

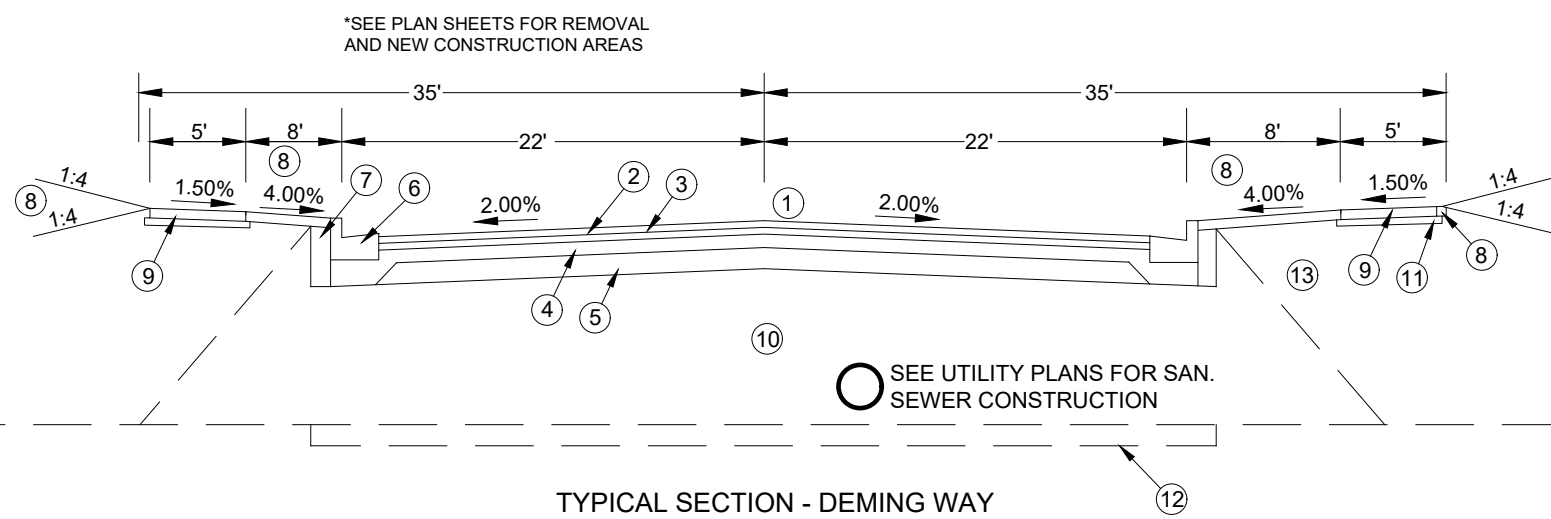
ADDENDUM NOTE:
-EAST SWALE SEEDING REVISED
-UPDATED LEGEND



TYPICAL SECTION - FOURIER DR.
(EAST OF GREENWAY)
D-4
NOT TO SCALE
STA. 500+12 TO 505+80

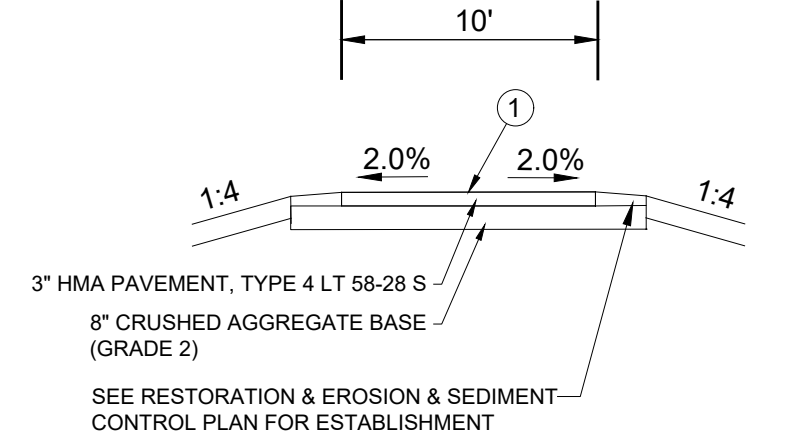
THE TYPICAL SECTIONS SHOWN ON THIS PAGE ARE DETAILED CROSS-SECTIONAL DRAWINGS THAT REPRESENT THE STANDARD DESIGN ELEMENTS OF THE PROJECT. IT INCLUDES LANE WIDTHS, BOULEVARD WIDTHS, PAVEMENT LAYERS, SLOPES AND SLOPE WIDTHS, ETC.. SEE ACTUAL GRADING PLAN AND CROSS SECTION PLANS FOR ACTUAL SECTION DETAIL.

- 1 PROFILE ELEVATION
- 2 2" HMA PAVEMENT, TYPE 4 LT 58-28 S (UPPER LAYER)
- 3 2.5" HMA PAVEMENT, TYPE 3 LT 58-28 S (LOWER LAYER)
- 4 6" GRADATION 2 CRUSHED AGG. BASE (UPPER LAYER)
- 5 6" GRADATION 1 CRUSHED AGG. BASE (LOWER LAYER)
- 6 CONCRETE CURB & GUTTER TYPE A
- 7 FILL INCIDENTAL TO CURB & GUTTER INSTALLATION
- 8 RESTORE DISTURBED AREA W/ 6" TOPSOIL, SEED, AND EROSION MATTING CL 1, TYPE A ORGANIC
- 9 5" CONC. WALK
- 10 SELECT FILL UNDER STREET, DEPTH VARIES, 2" UNDER SIDEWALK
- 11 GEOSYNTHETIC REINFORCEMENT FABRIC AS NEEDED
- 12 FILL BORROW

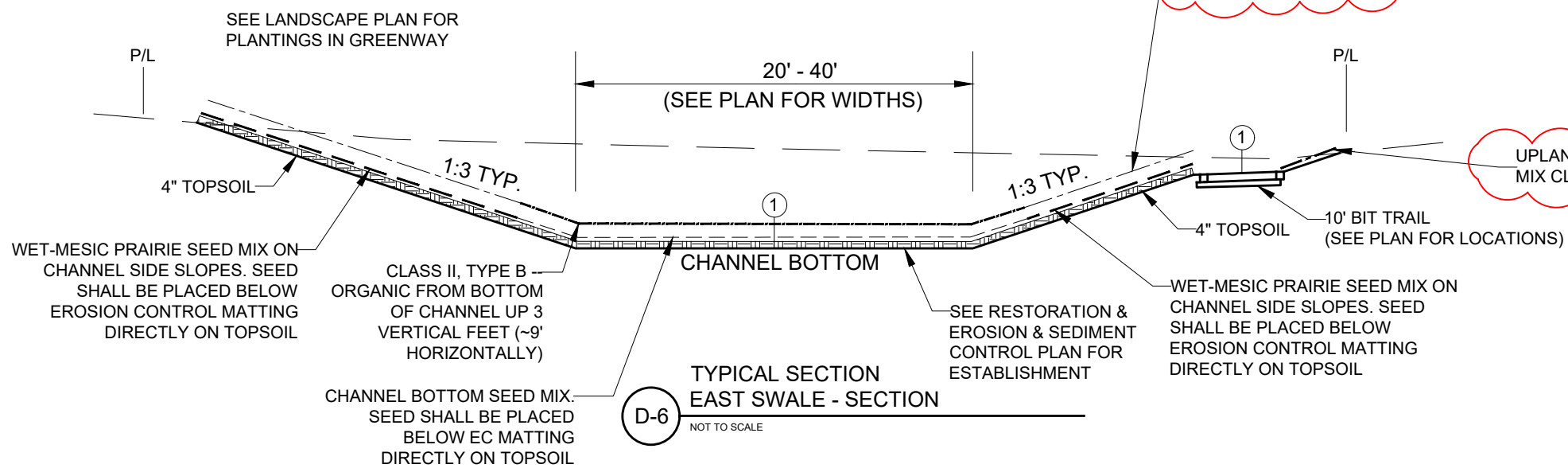


TYPICAL SECTION - DEMING WAY
(S.W. OF GREENWAY)
D-5
NOT TO SCALE
STA. 301+07 TO 301+79

*SEE PLAN SHEETS FOR REMOVAL AND NEW CONSTRUCTION AREAS



TYPICAL SECTION
SANITARY SEWER ACCESS ROAD
D-7
NOT TO SCALE



TYPICAL SECTION
EAST SWALE - SECTION
D-6
NOT TO SCALE



DEMING WAY	
GRADING PLAN	SHEET G12
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P1
UTILITY CONSTRUCTION PLAN	SHEET U4
EROSION & SEDIMENT CONTROL PLAN	SHEET EC1

DEMING WAY AT BLACKHAWK	
GRADING PLAN	SHEET G14
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P7
UTILITY CONSTRUCTION PLAN	SHEET U6
EROSION & SEDIMENT CONTROL PLAN	SHEET EC4

CHANNEL IMPROVEMENTS	
GRADING PLAN	SHEET G13
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P4
UTILITY CONSTRUCTION PLAN	SHEET U10
EROSION & SEDIMENT CONTROL PLAN	SHEET EC

GREENWAY	
GRADING PLAN	SHEET GI3
STREET AND TRAIL CONSTRUCTION PLAN	SHEET N/A
UTILITY CONSTRUCTION PLAN	SHEET U15
EROSION & SEDIMENT CONTROL PLAN	SHEET EC1

FOURIER DRIVE	
GRADING PLAN	SHEET GK
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P3
UTILITY CONSTRUCTION PLAN	SHEET U8
EROSION & SEDIMENT CONTROL PLAN	SHEET EC

DEMING WAY AT GREENWAY	
GRADING PLAN	SHEET N/A
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P5
UTILITY CONSTRUCTION PLAN	SHEET U8
EROSION & SEDIMENT CONTROL PLAN	SHEET EC4

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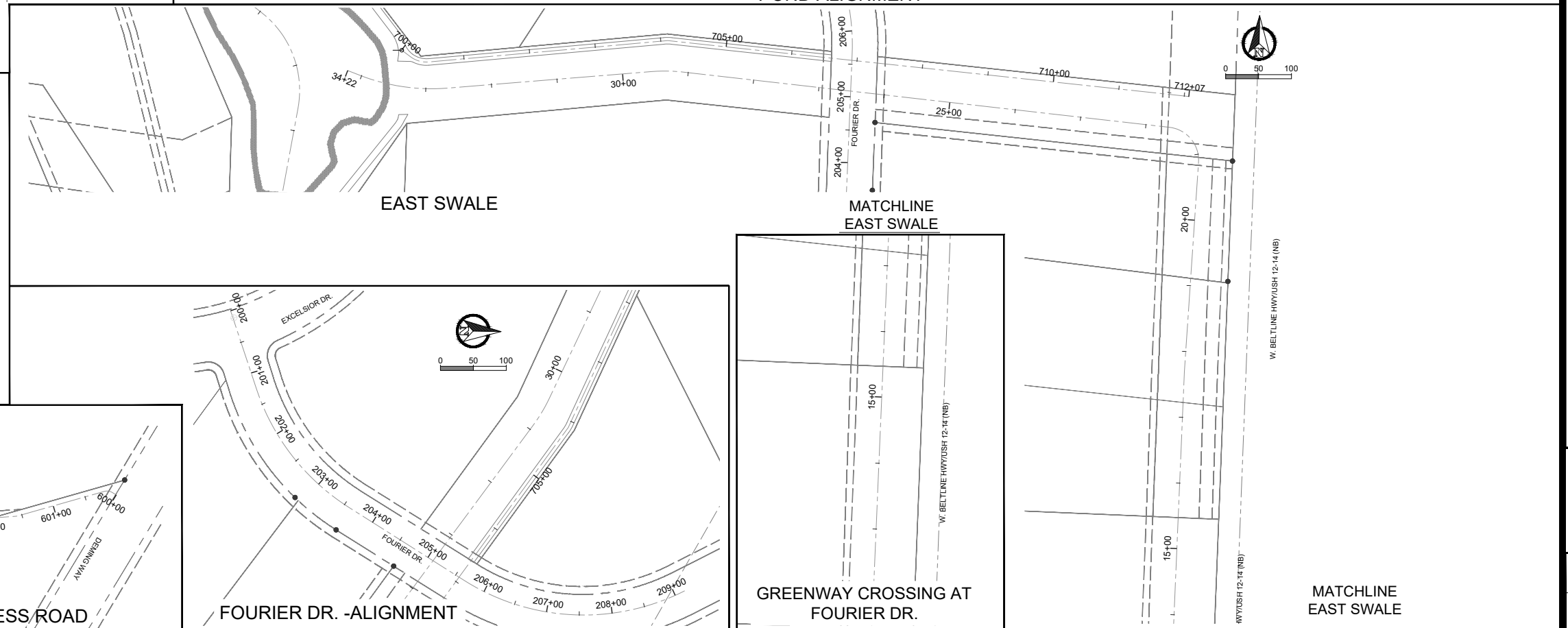
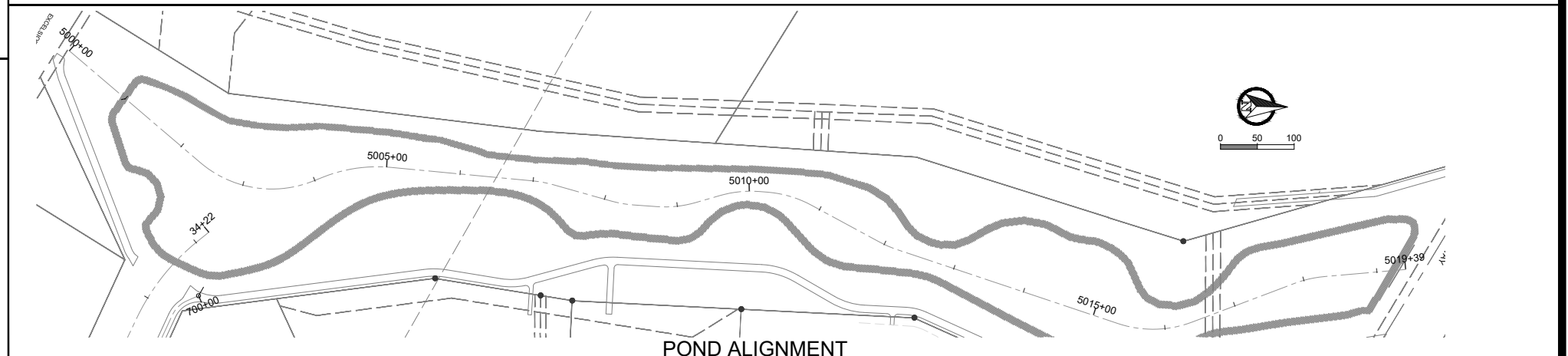
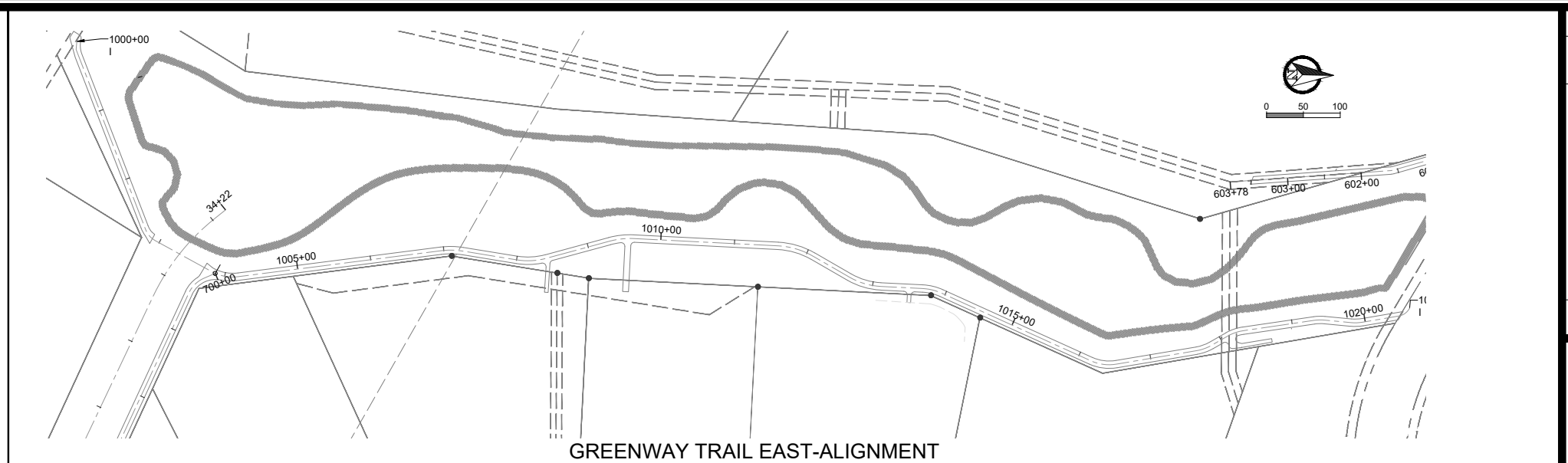
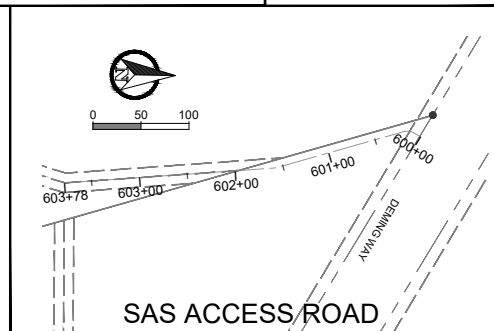
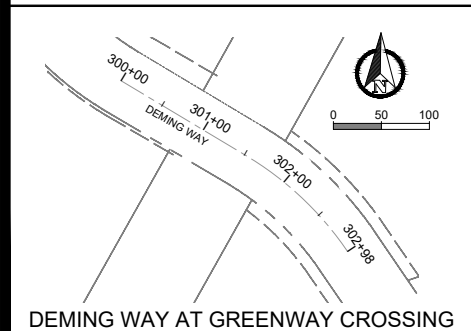
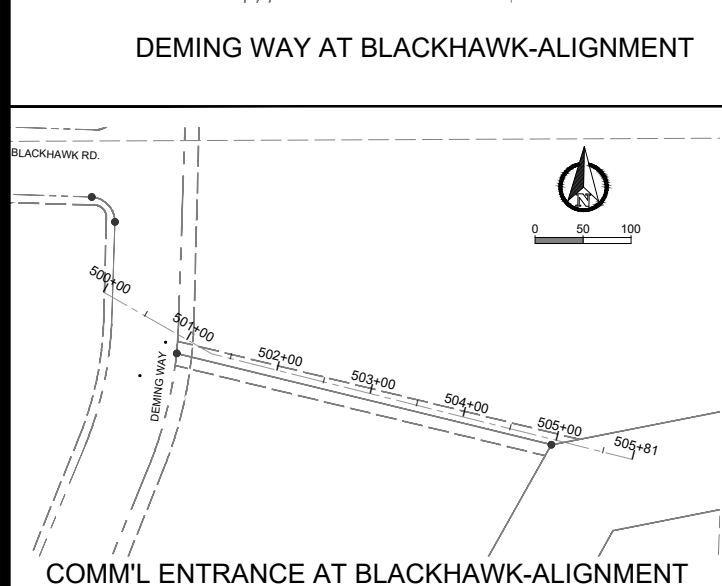
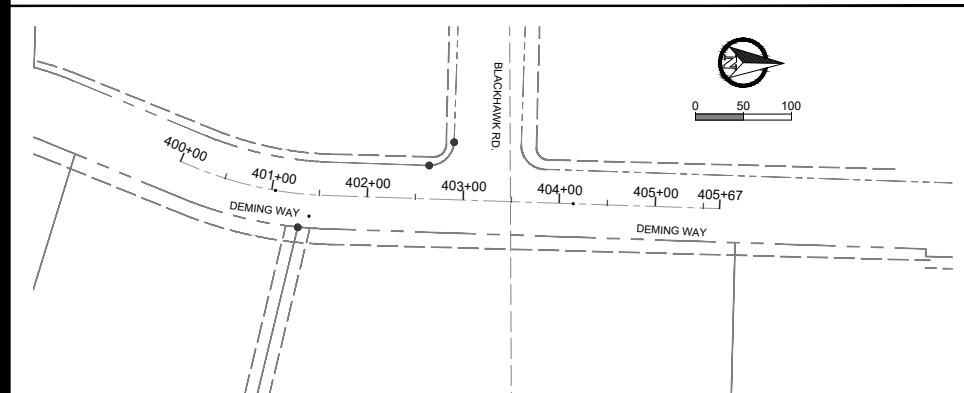
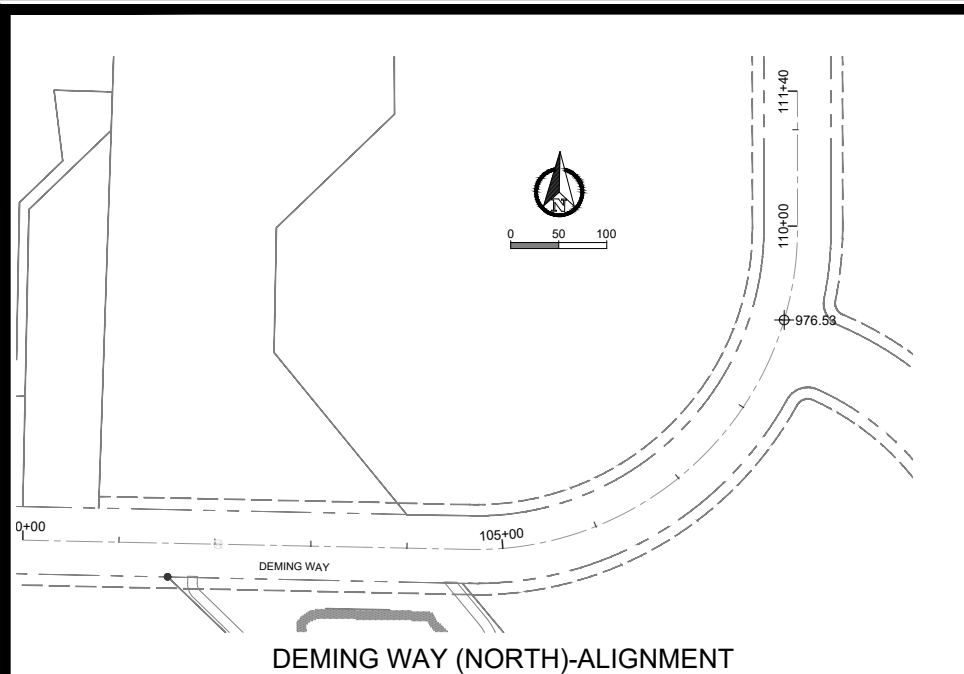
14370	MADISON, WI	CONTRACT NO: 9517
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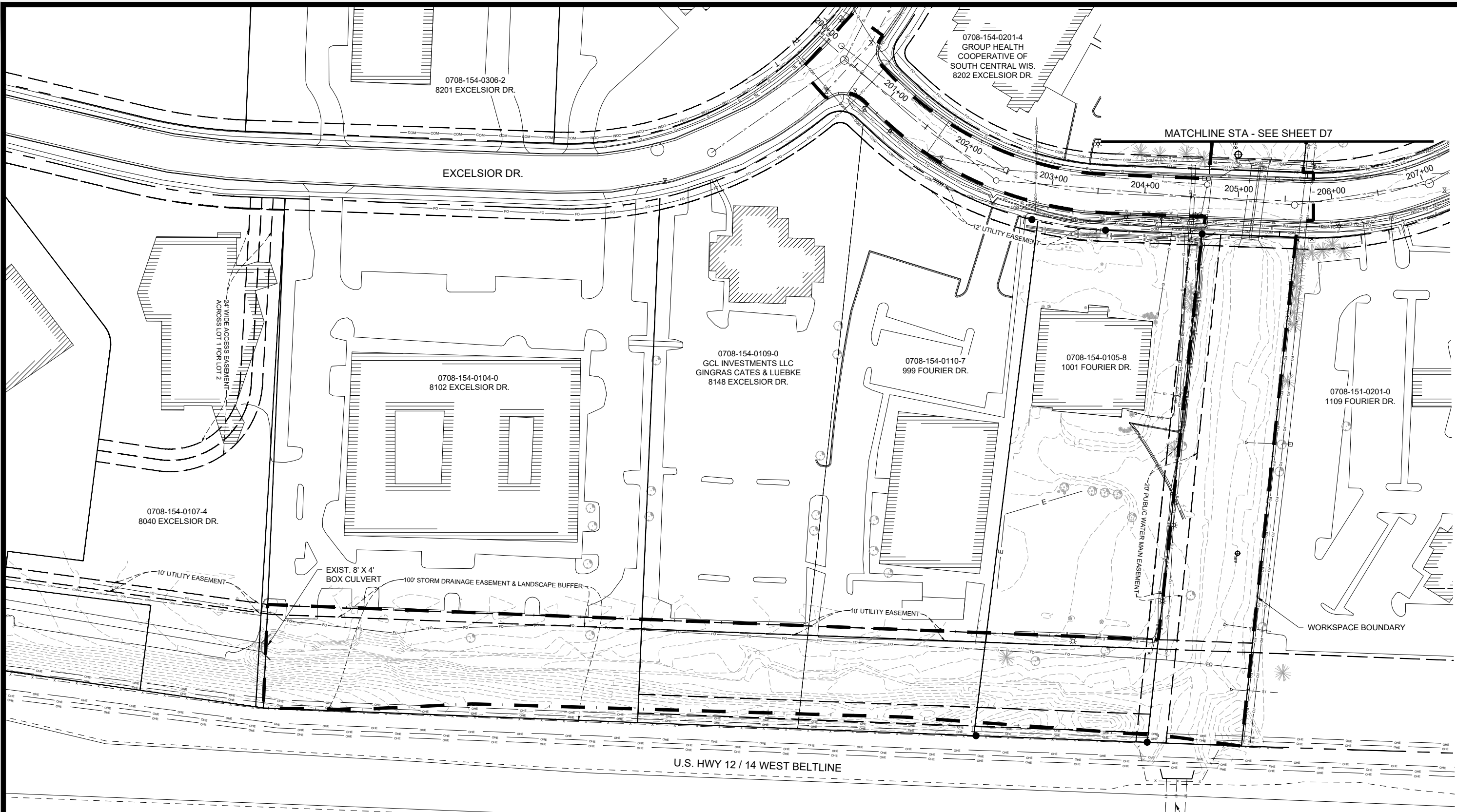
GENERAL LAYOUT

PHEASANT BRANCH GREENWAY ENHANCEMENT



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D4



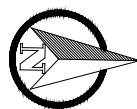


EXISTING SURVEY NOTES:

- EXISTING SURVEY COMPLETED BY OTHERS. VERIFY ALL FIELD CONDITIONS PRIOR TO CONSTRUCTION. MERJENT AND THE ENGINEER CAN NOT AND DOES NOT ASSUME RESPONSIBILITY OF THE EXISTENCES OR LOCATION OF ANY STRUCTURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, PIPELINES, SEWERS, AND/OR OTHER ITEMS FOUND ON-SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY SURVEY INFORMATION PRIOR TO AND DURING CONSTRUCTION OF SITE PLAN. CONTACT THE ENGINEER IN THE EVENT OF ANY DISCREPANCY.

LEGEND

---	EXISTING CONTOURS	●	PROPERTY IRON FOUND
ST	EXISTING STORM SEWER	---	PROPERTY LINE
SAN	EXISTING SANITARY SEWER	---	EXISTING EASEMENT
W	EXISTING WATERMAIN	---	EXISTING ROAD EDGE
E	EXISTING BURIED ELECTRIC	---	WORKSPACE BOUNDARY
FO	EXISTING BURIED FIBER	---	DELINEATED WETLAND
X	EXISTING FENCE	---	EXISTING BUILDING
---	EXISTING TREELINE	---	EXISTING TREE
⊕	SOIL BORING		



0 50 100

EXISTING CONDITIONS
PHEASANT BRANCH GREENWAY ENHANCEMENT
14370
MADISON, WI
CONTRACT NO: 9517

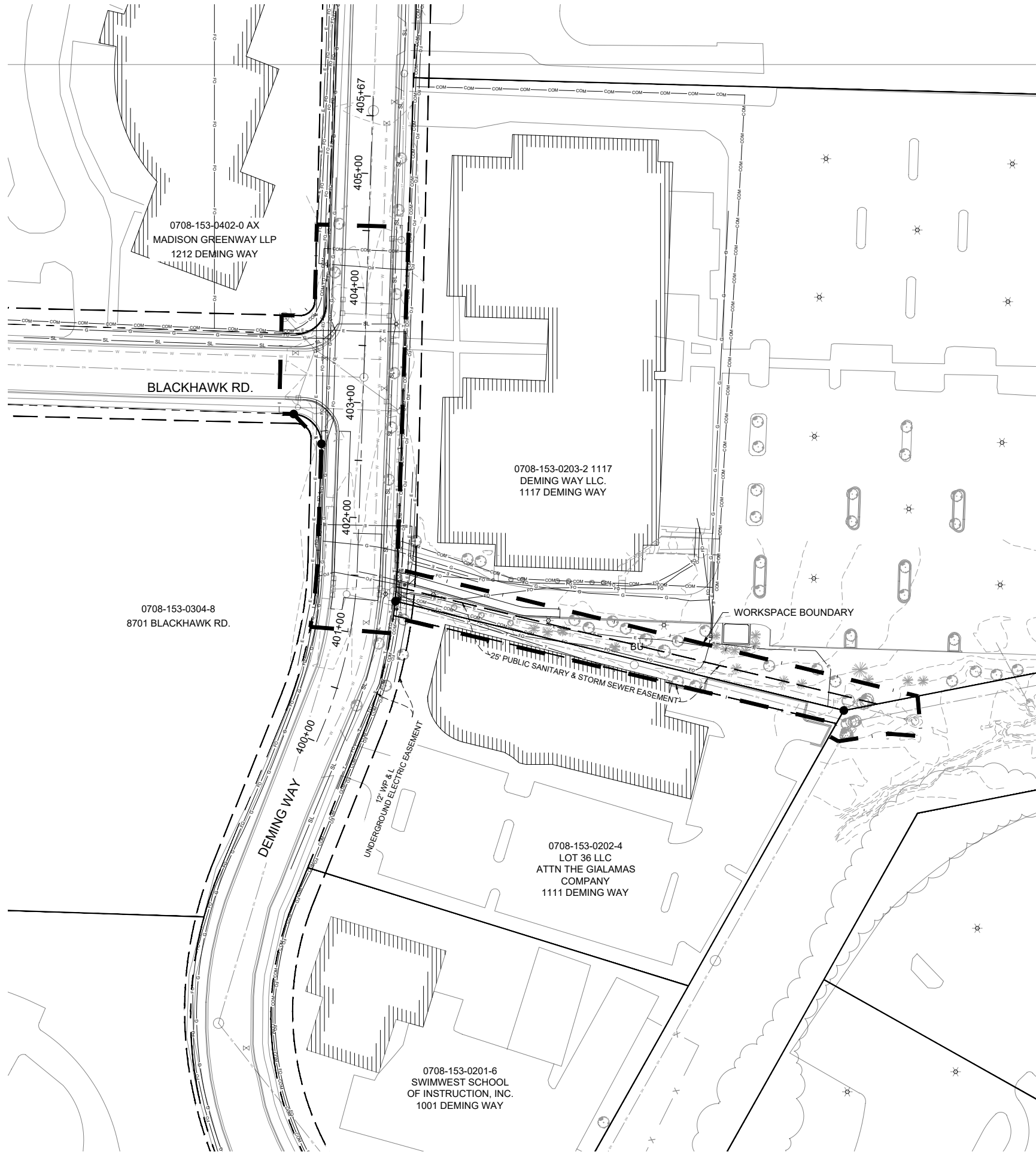


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14370
MADISON, WI
CONTRACT NO: 9517

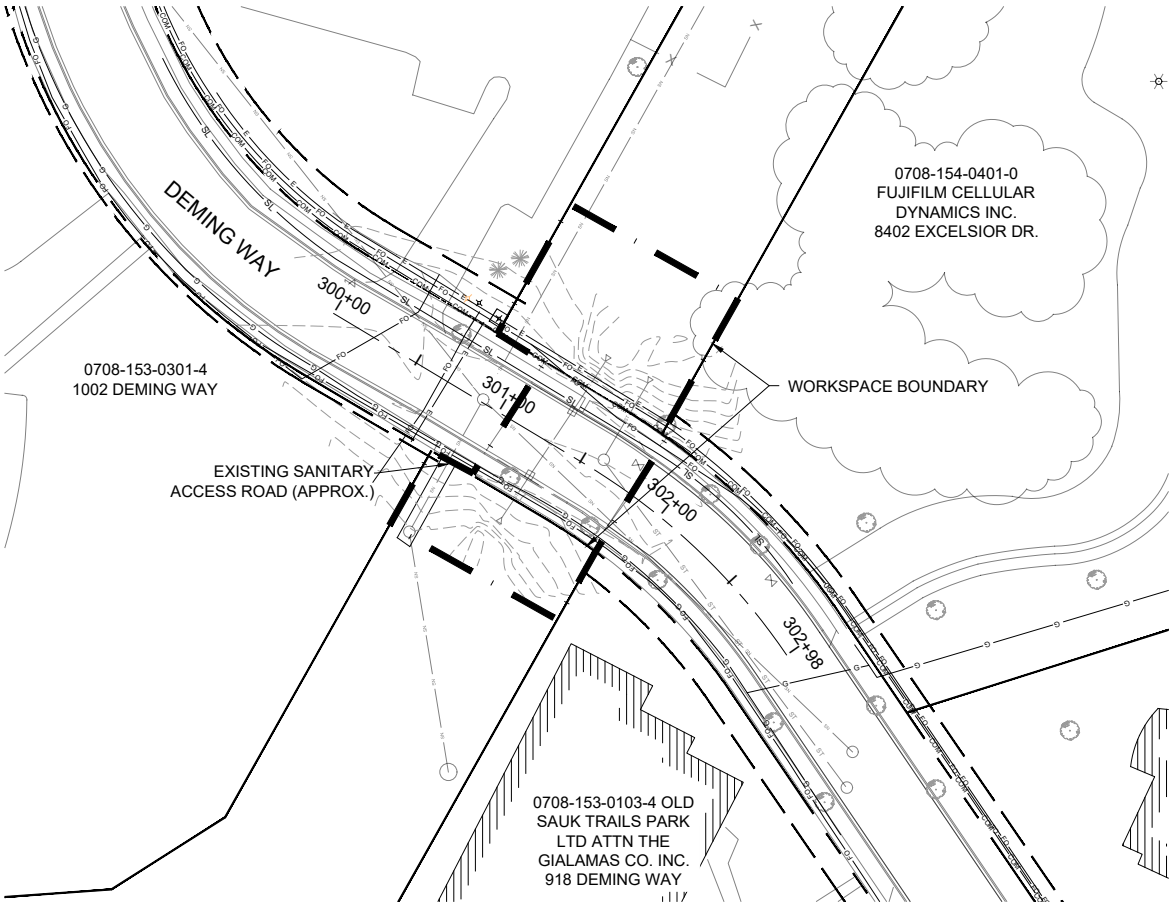
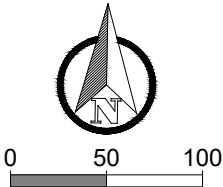
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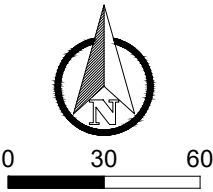
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	EXISTING CONTOURS		PROPERTY IRON FOUND
	EXISTING STORM SEWER		PROPERTY LINE
	EXISTING SANITARY SEWER		EXISTING EASEMENT
	EXISTING WATERMAIN		EXISTING ROAD EDGE
	EXISTING BURIED ELECTRIC		WORKSPACE BOUNDARY
	EXISTING BURIED FIBER		DELINEATED WETLAND
	EXISTING FENCE		EXISTING BUILDING
	EXISTING TREELINE		SOIL BORING
	EXISTING TREE		

EXISTING SURVEY NOTES:

- EXISTING SURVEY COMPLETED BY OTHERS. VERIFY ALL FIELD CONDITIONS PRIOR TO CONSTRUCTION. MERJENT AND THE ENGINEER CAN NOT AND DOES NOT ASSUME RESPONSIBILITY OF THE EXISTENCES OR LOCATION OF ANY STRUCTURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, PIPELINES, SEWERS, AND/OR OTHER ITEMS FOUND ON-SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY SURVEY INFORMATION PRIOR TO AND DURING CONSTRUCTION OF SITE PLAN. CONTACT THE ENGINEER IN THE EVENT OF ANY DISCREPANCY.
- SEE GEOTECHNICAL REPORT FOR SOIL BORING INFORMATION.



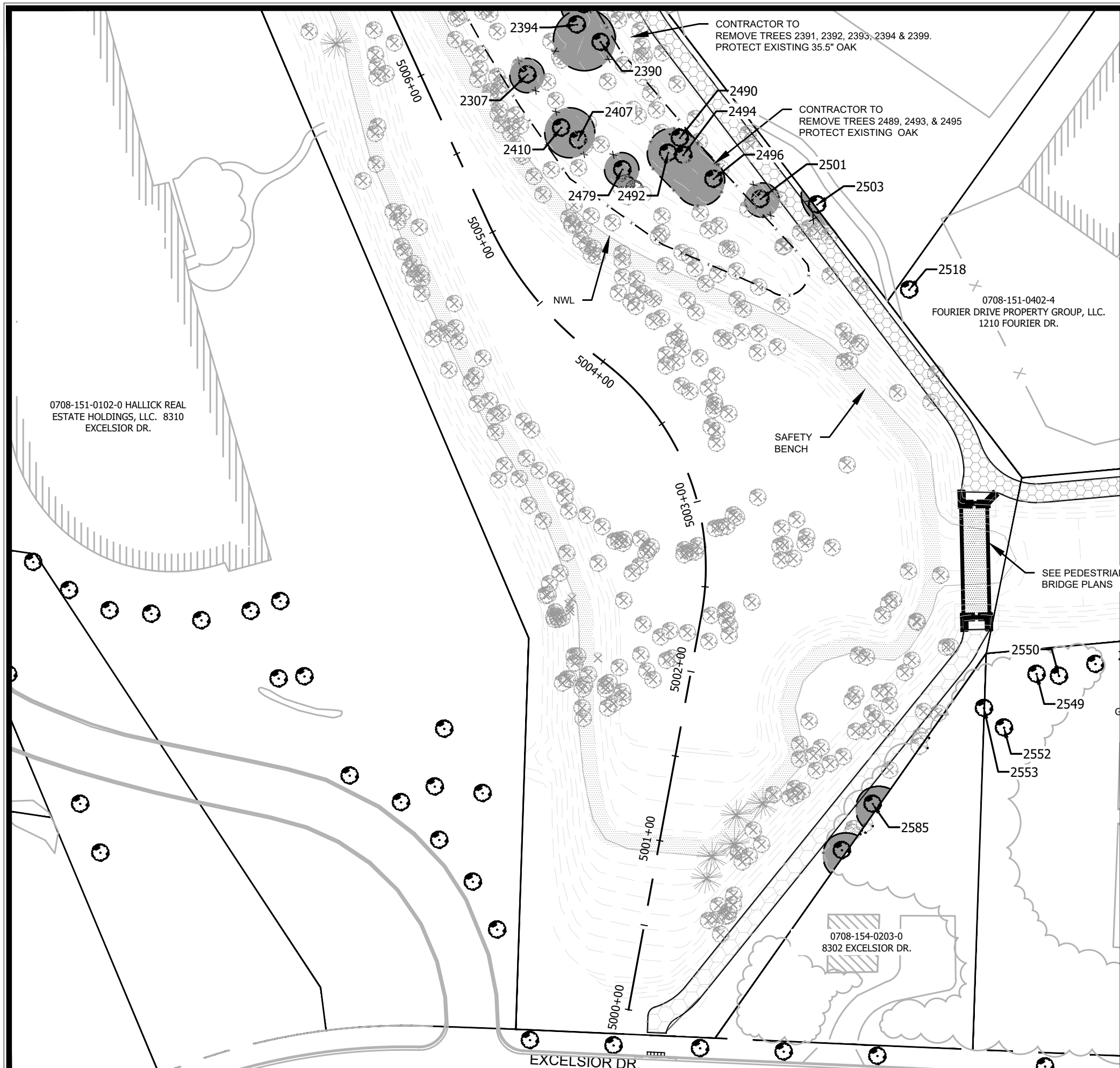
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	D9		D9		D9			
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI		9517			
	EXISTING CONDITIONS		CONTRACT NO:		14370			
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						DATE		



1. THIS PLAN SHEET IS INTENDED TO SHOW TREES TO BE SAVED IN THE CITY GREENWAY PROJECT AREA. ADDITIONAL TREE REMOVALS ARE SHOWN ON UTILITY PLANS.
2. TREES BOLD AND CALLED OUT WITH A LABEL ON PLANS SHALL BE SAVED.
3. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER PRIOR TO LIMBING ANY TREES THAT ARE TO REMAIN.
4. BRANCHES BROKEN ON SAVED TREES, DURING THE FELLING OF ADJACENT TREES, SHALL BE CUT OR LIMBED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
5. STUMPS WITHIN THE GRADING LIMIT SHALL BE GRUBBED. STUMPS OUTSIDE THE GRADING LIMIT SHALL NOT BE GRUBBED. THEY SHALL, INSTEAD, BE CUT TO WITHIN 3" OF THE GROUND AND TREATED WITH HERBICIDE.
6. ALL QUESTIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
7. TREE PROTECTION FENCING REFERENCES THE APPROXIMATE TREE DRIP LINES.
8. EXISTING GROUND SURROUNDING TREES TO BE SAVED SHALL BE GRADED AS DIRECTED BY THE ENGINEER.
9. NO PRIVATE PROPERTY TREES SHALL BE IMPACTED UNLESS SPECIFICALLY CALLED OUT IN PLANS FOR REMOVAL. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL TREES ON PRIVATE PROPERTY THAT ARE NOT DESIGNATED AS REMOVAL.

TAG #	DBH	SPECIES
1007	8.5	RED PINE
1008	21	SCOTTS PINE
2111	34	BUR OAK
2116	11.5	RED ELM
2188	17.5	BUR OAK
2208	5.5	BLACK CHERRY
2209	5.5	BLACK CHERRY
2210	10	BUR OAK
2211	6	BUR OAK
2215	12	BUR OAK
2221	36	BUR OAK
2236	8	BUR OAK
2248	9	AMERICAN ELM
2260	8	BOXELDER
2296	23	COTTONWOOD
2307	8	BLACK CHERRY
2336	14	AMERICAN ELM
2390	35.5	BUR OAK
2394	8.5	AMERICAN ELM
2396	6	AMERICAN ELM
2407	11	BLACK CHERRY
2410	5.5	HACKBERRY
2478	5	AMERICAN ELM
2479	14	BOXELDER
2490	9	AMERICAN ELM
2492	6	AMERICAN ELM
2494	25.5	BUR OAK
2496	30	RED OAK
2501	21.5	HACKBERRY
2581	18	RED OAK
2585	6	BLACK CHERRY
2764	6	HACKBERRY
2806	14.5	BLACK CHERRY
2809	13.5	BLACKCHERRY
2817	35	BUR OAK
2819	17.5	BUR OAK
2820	21	BUR OAK
2892	7	MULBERRY
2893	8.5	AMERICAN ELM
2894	22	COTTON WOOD

TAG #	DBH	SPECIES
1007	8.5	RED PINE
1008	21	SCOTTS PINE
2111	34	BUR OAK
2116	11.5	RED ELM
2188	17.5	BUR OAK
2208	5.5	BLACK CHERRY
2209	5.5	BLACK CHERRY
2210	10	BUR OAK
2211	6	BUR OAK
2215	12	BUR OAK
2221	36	BUR OAK
2236	8	BUR OAK
2248	9	AMERICAN ELM
2260	8	BOXELDER
2296	23	COTTONWOOD
2307	8	BLACK CHERRY
2336	14	AMERICAN ELM
2390	35.5	BUR OAK
2394	8.5	AMERICAN ELM
2396	6	AMERICAN ELM
2407	11	BLACK CHERRY
2410	5.5	HACKBERRY
2478	5	AMERICAN ELM
2479	14	BOXELDER
2490	9	AMERICAN ELM
2492	6	AMERICAN ELM
2494	25.5	BUR OAK
2496	30	RED OAK
2501	21.5	HACKBERRY
2581	18	RED OAK
2585	6	BLACK CHERRY
2764	6	HACKBERRY
2806	14.5	BLACK CHERRY
2809	13.5	BLACKCHERRY
2817	35	BUR OAK
2819	17.5	BUR OAK
2820	21	BUR OAK
2892	7	MULBERRY
2893	8.5	AMERICAN ELM
2894	22	COTTON WOOD



LEGEND



SAVE EXISTING TREE

REMOVE EXISTING TREE

TREE FENCE PROTECTION AREA

- TREE FENCE



CLEARING NOTES:

1. THIS PLAN SHEET IS INTENDED TO SHOW TREES TO BE SAVED IN THE CITY GREENWAY PROJECT AREA. ADDITIONAL TREE REMOVALS ARE SHOWN ON UTILITY PLANS.
2. TREES BOLD AND CALLED OUT WITH A LABEL ON PLANS SHALL BE SAVED.
3. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER PRIOR TO LIMBING ANY TREES THAT ARE TO REMAIN.
4. BRANCHES BROKEN ON SAVED TREES, DURING THE FELLING OF ADJACENT TREES, SHALL BE CUT OR LIMBED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
5. STUMPS WITHIN THE GRADING LIMIT SHALL BE GRUBBED. STUMPS OUTSIDE THE GRADING LIMIT SHALL NOT BE GRUBBED. THEY SHALL, INSTEAD, BE CUT TO WITHIN 3" OF THE GROUND AND TREATED WITH HERBICIDE.
6. ALL QUESTIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
7. TREE PROTECTION FENCING REFERENCES THE APPROXIMATE TREE DRIP LINES.
8. EXISTING GROUND SURROUNDING TREES TO BE SAVED SHALL BE GRADED AS DIRECTED BY THE ENGINEER.
9. NO PRIVATE PROPERTY TREES SHALL BE IMPACTED UNLESS SPECIFICALLY CALLED OUT IN PLANS FOR REMOVAL. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL TREES ON PRIVATE PROPERTY THAT ARE NOT DESIGNATED AS REMOVAL.

TREES TO PRESERVE

TAG #	DBH	SPECIES
1007	8.5	RED PINE
1008	21	SCOTT'S PINE
2111	34	BUR OAK
2116	11.5	RED ELM
2188	17.5	BUR OAK
2208	5.5	BLACK CHERRY
2209	5.5	BLACK CHERRY
2210	10	BUR OAK
2211	6	BUR OAK
2215	12	BUR OAK
2221	36	BUR OAK
2236	8	BUR OAK
2248	9	AMERICAN ELM
2260	8	BOXELDER
2296	23	COTTONWOOD
2307	8	BLACK CHERRY
2336	14	AMERICAN ELM
2390	35.5	BUR OAK
2394	8.5	AMERICAN ELM
2396	6	AMERICAN ELM
2407	11	BLACK CHERRY
2410	5.5	HACKBERRY
2478	5	AMERICAN ELM
2479	14	BOXELDER
2490	9	AMERICAN ELM
2492	6	AMERICAN ELM
2494	25.5	BUR OAK
2496	30	RED OAK
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2764	6	HACKBERRY
2806	14.5	BLACK CHERRY
2809	13.5	BLACKCHERRY
2817	35	BUR OAK
2819	17.5	BUR OAK
2820	21	BUR OAK
2892	7	MULBERRY
2893	8.5	AMERICAN ELM
2894	22	COTTON WOOD

EROSION CONTROL NOTES

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3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND THE CITY OF MADISON STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM PER BID ITEM 21013.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY WITHIN THE CHANNEL AND ASSOCIATED DRAINAGE.
6. POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER. PER BID ITEM 21052.
7. NO CONSTRUCTION MATERIALS OR STOCKPILES SHALL BE STORED IN THE CHANNEL. STOCKPILES SHALL HAVE PERIMETER CONTROLS AND/OR BE COVERED AT THE END OF THE WORK DAY.
8. THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
9. ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.
10. ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
11. THE CONTRACTOR SHALL USE APPROPRIATE CONCRETE WASTE CATCHMENT. ALL POINTS ON THIS SITE DRAIN DIRECTLY TO THE GREENWAY.
12. THE CONTRACTOR SHALL BE AWARE THAT SILT FENCE, DITCH CHECKS, AND OTHER EROSION CONTROL MEASURES MAY BE PHASED, ACCORDING TO THE CONSTRUCTION SCHEDULE. SOME ITEMS MAY NEED TO BE INSTALLED OR REMOVED AS WORK PROGRESSES.
13. CONTRACTOR SHALL NOT GRADE TO LIMITS BEYOND EFFECTIVE FUNCTIONALITY OF EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs). MONITOR THE FORECAST FOR PRECIPITATION EVENTS AND PRIORITIZE SITE STABILIZATION BEFORE LEAVING THE WORK SITE. REPAIR BMPs AFTER PRECIPITATION EVENTS AS NEEDED. BARE, UNSTABILIZED AREAS REQUIRE RESTORATION OR STABILIZATION WITHIN THREE DAYS FOR GRADED GREENWAY AREAS AND FIVE DAYS FOR AREAS OUTSIDE OF THE BANKS TO MINIMIZE SEDIMENT DELIVERY OFF-SITE, AND TO MAXIMIZE EFFECTIVENESS OF DOWNSTREAM EROSION CONTROL BMPs.
14. ALL SEED MIXES AND MATTING ARE TO BE APPROVED BY THE ENGINEER PRIOR TO ANY RESTORATION WORK.
15. CONTRACTOR SHALL INSTALL ROCK DITCH CHECKS IN THE CHANNEL DURING AND PRIOR TO STABILIZATION. FOLLOWING THE INSTALLATION OF SEED & MAT, THE CONTRACTOR SHALL USE EITHER HAY BALES OF 12" SILT SOCK AS A DITCH CHECK BIO-ROLL TO SLOW VELOCITY OF WATER WHILE SEED ESTABLISHES.
16. QUANTITY INFORMATION IS BASED ON PLAN VIEW TOTALS.

MATCHLINE "A"

0708-151-0102-0 HALICK REAL ESTATE HOLDINGS, LLC.
8310 EXCELSIOR DR.

CONTRACTOR TO GRADE AND STABILIZE THIS AREA IMMEDIATELY FOLLOWING GRADING TO AVOID EROSION AFTER TRAIL & CULVERT REMOVAL

0708-154-0401-0 FUJIFILM CELLULAR DYNAMICS INC.
8402 EXCELSIOR DR.

0708-151-0404-0 1222 FOURIER, LLC
1222 FOURIER DR.

0708-151-0403-2 SPACE CENTER CDM ASSOC. INC.
1212 FOURIER DR.

0708-151-0402-4 FOURIER DRIVE PROPERTY GROUP, LLC.
1210 FOURIER DR.

0708-154-0203-0 8302 EXCELSIOR DR.

CONTRACTOR TO INSTALL TEMPORARY ROCK DITCH CHECKS PRIOR TO PERMANENT STABILIZATION (SEE DETAIL 1.05)

ROCK DITCH CHECKS TO BE INSTALLED WITH EVERY 2' OF DROP IN CHANNEL. ADDITIONAL DITCH CHECKS SHALL BE STRAW OR MANUFACTURED DITCH CHECKS.

0708-154-0201-4 GROUP HEALTH COOPERATIVE OF SOUTH CENTRAL WIS.
8202 EXCELSIOR DR.

SEED LOWPOINTS WITH WET MESIC PRAIRIE MIX AND CLASS 1 URBAN TYPE B MATTING

SEED LOWPOINTS WITH WET MESIC PRAIRIE MIX AND CLASS 1 URBAN TYPE B MATTING

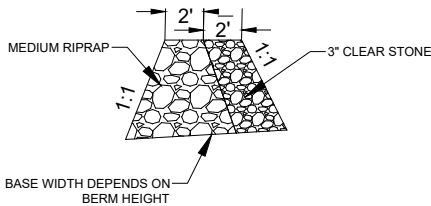
ADDENDUM NOTE:
-ADDED SUN TERRACE SEED MIX TO TLE LOCATIONS
-REVISED LEGEND
-UPDATED QUANTITIES
-CHECK DAM DETAIL

REVISION 2:
MODIFIED SEEDING AT LOW POINTS UPSLOPE OF THE MULTI-USE PATH

LEGEND

SILT FENCE	
DITCH CHECK BIO-ROLL (SEE PLAN FOR TEMP. ROCK CHECK DAMS)	
RIGID FRAMED INLET PROTECTION	
CHANNEL BOTTOM SEED MIX, CL. 2, TYPE B ORGANIC MATTING	
SHORELINE SEED MIX, CL. 1, URBAN TYPE B MATTING	
UPLAND MESIC PRAIRIE SEED MIX, CL. 1, URBAN TYPE B MATTING	
SUN TERRACE SEED MIX, EROSION MATTING, CL. 1, TYPE A - ORGANIC	
WET-MESIC PRAIRIE CL. 1, URBAN TYPE B MATTING	
CONSTRUCTION ENTRANCE	
SEDIMENT TRAP	

ITEM	BID ITEM	UNIT	QTY.
SILT FENCE	21021	LIN. FT.	9,610
DITCH CHECK	20217	LIN. FT.	775
INLET PROTECTION	21041	EACH	42
CHANNEL BOTTOM SEED MIX	90047	SQ. YD.	11,540
SHORELINE SEED MIX	90048	SQ. YD.	5,795
UPLAND MESIC PRAIRIE SEED MIX	90049	SQ. YD.	18,485
WET-MESIC PRAIRIE SEED MIX	90050	SQ. YD.	10,880
SUN TERRACE SEED MIX	20701	SQ. YD.	3,570
SEE SPEC. FOR SEED MIXES			



REINFORCED CHECK DAM
BID ITEM 90041

MATCHLINE "B"

EROSION & SEDIMENT CONTROL PLAN

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

MADISON, WI

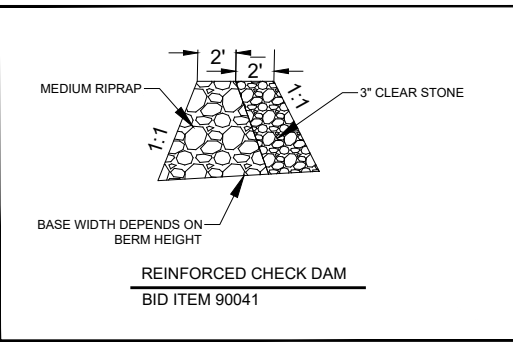
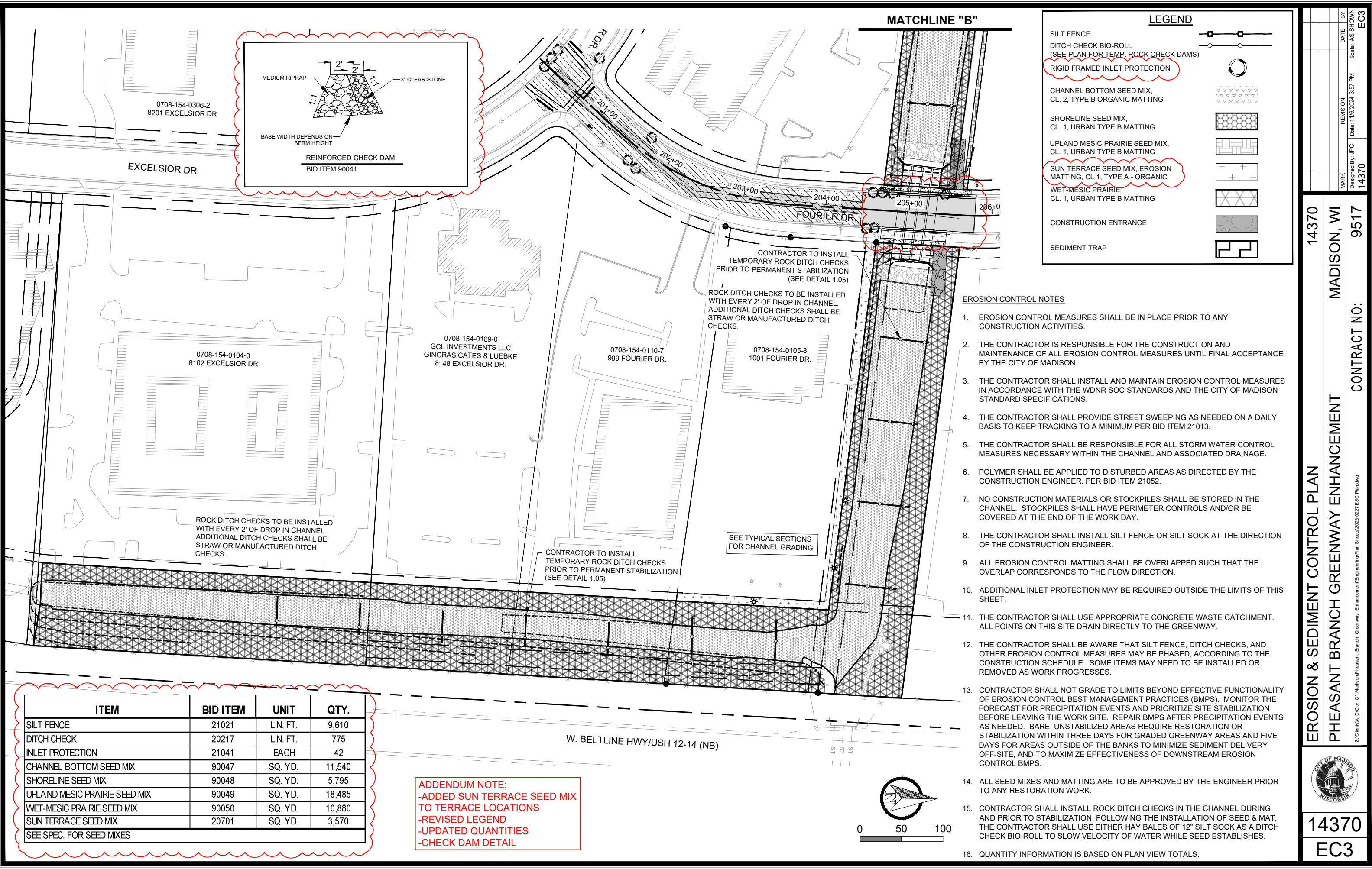
CONTRACT NO:

9517

BY	DATE	REVISION	DATE	BY
AS SHOWN	11/16/2024	JPC	11/16/2024	14370
MARK	14370			



14370
EC2



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SILT FENCE	21021	LIN. FT.	9,610
DITCH CHECK	20217	LIN. FT.	775
INLET PROTECTION	21041	EACH	42
CHANNEL BOTTOM SEED MIX	90047	SQ. YD.	11,540
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WET-MESIC PRAIRIE SEED MIX	90050	SQ. YD.	10,880
SUN TERRACE SEED MIX	20701	SQ. YD.	3,570
SEE SPEC. FOR SEED MIXES			

ADDENDUM NOTE:
-ADDED SUN TERRACE SEED MIX TO TERRACE LOCATIONS
-REVISED LEGEND
-UPDATED QUANTITIES
-CHECK DAM DETAIL

LEGEND

SILT FENCE
DITCH CHECK BIO-ROLL
(SEE PLAN FOR TEMP. ROCK CHECK DAMS)
RIGID FRAMED INLET PROTECTION

CHANNEL BOTTOM SEED MIX,
CL. 2, TYPE B ORGANIC MATTING

SHORELINE SEED MIX,
CL. 1, URBAN TYPE B MATTING

UPLAND MESIC PRAIRIE SEED MIX,
CL. 1, URBAN TYPE B MATTING

SUN TERRACE SEED MIX, EROSION
MATTING, CL. 1, TYPE A - ORGANIC
WET-MESIC PRAIRIE
CL. 1, URBAN TYPE B MATTING

CONSTRUCTION ENTRANCE

SEDIMENT TRAP

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7. NO CONSTRUCTION MATERIALS OR STOCKPILES SHALL BE STORED IN THE CHANNEL. STOCKPILES SHALL HAVE PERIMETER CONTROLS AND/OR BE COVERED AT THE END OF THE WORK DAY.

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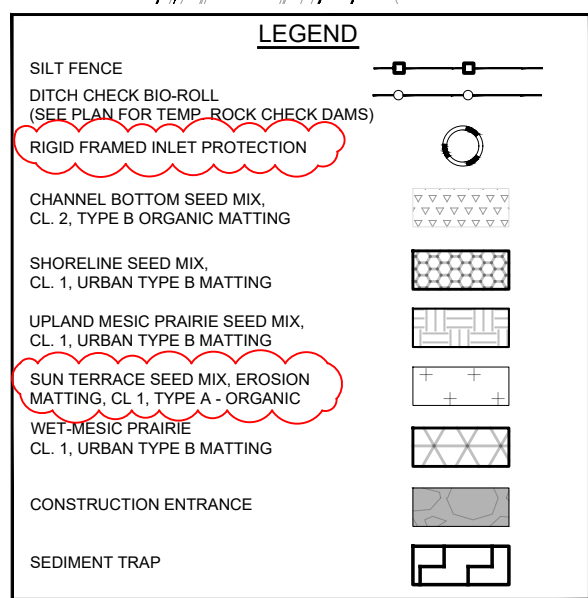
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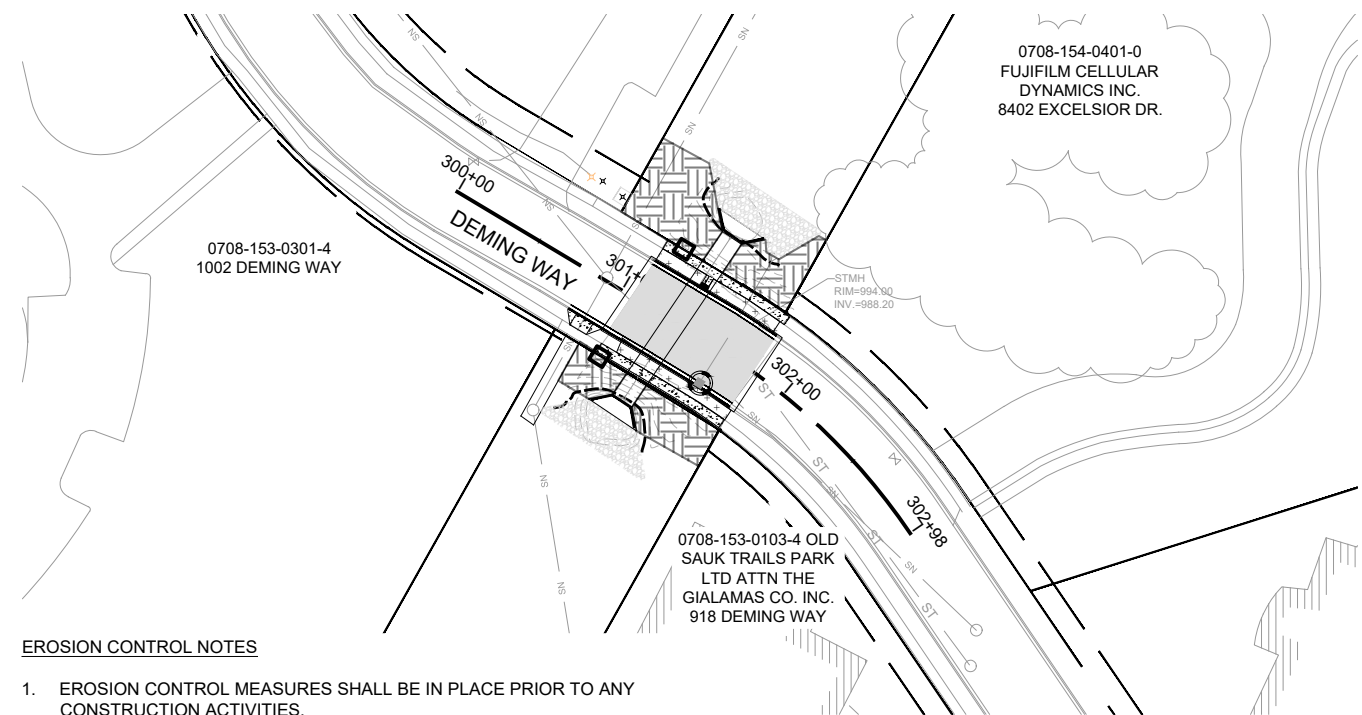
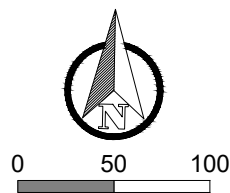
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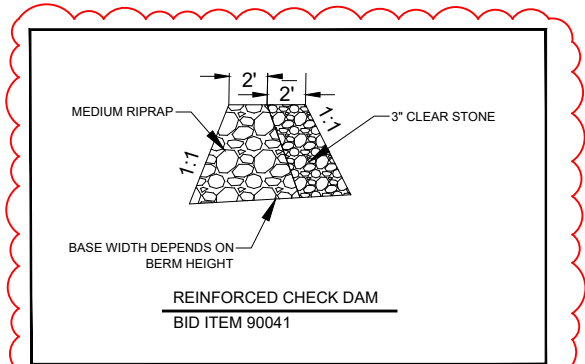
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SUN TERRACE SEED MIX	20701	SQ. YD.	3,570
SEE SPEC. FOR SEED MIXES			

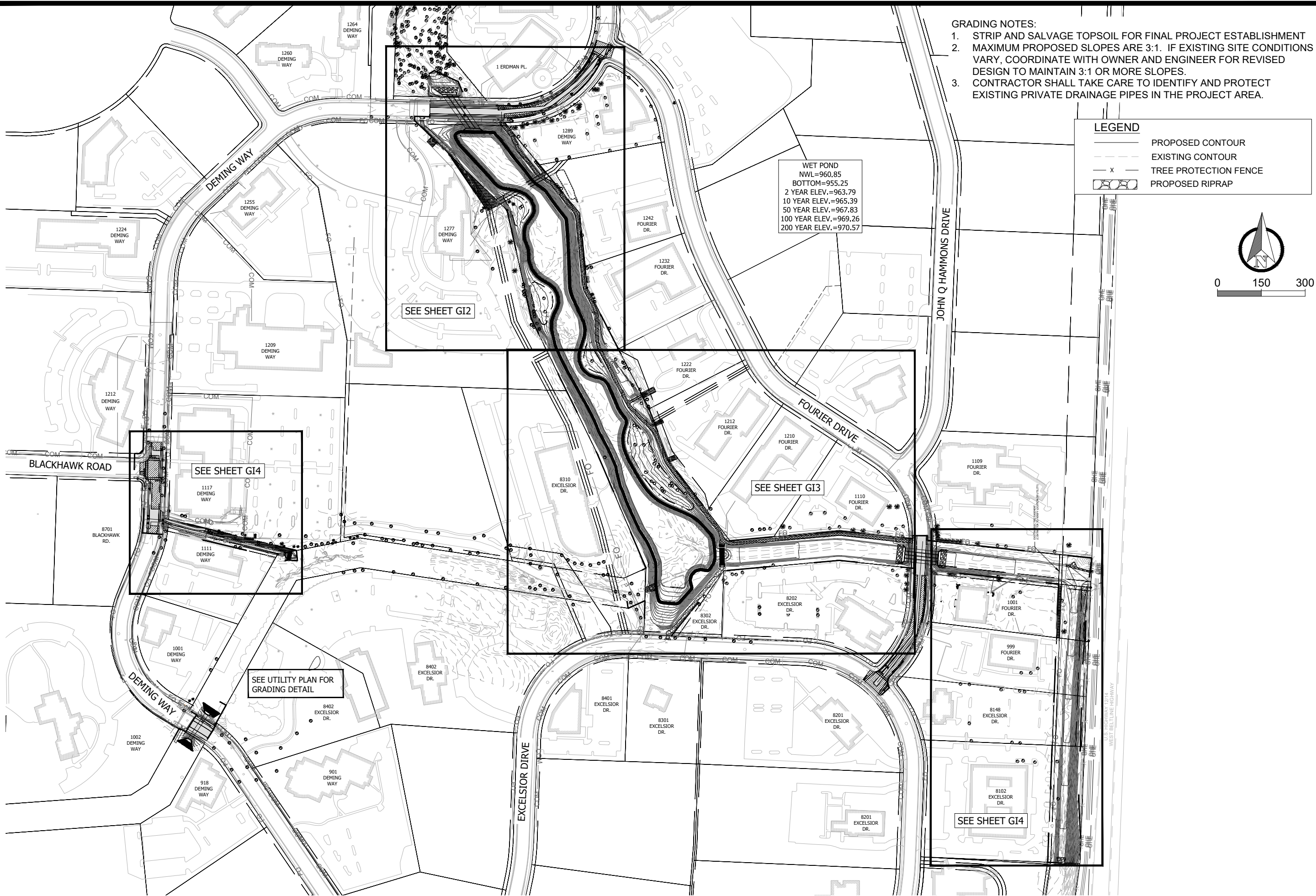
ADDENDUM NOTE:
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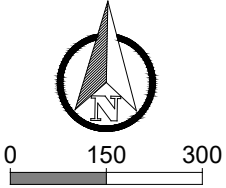




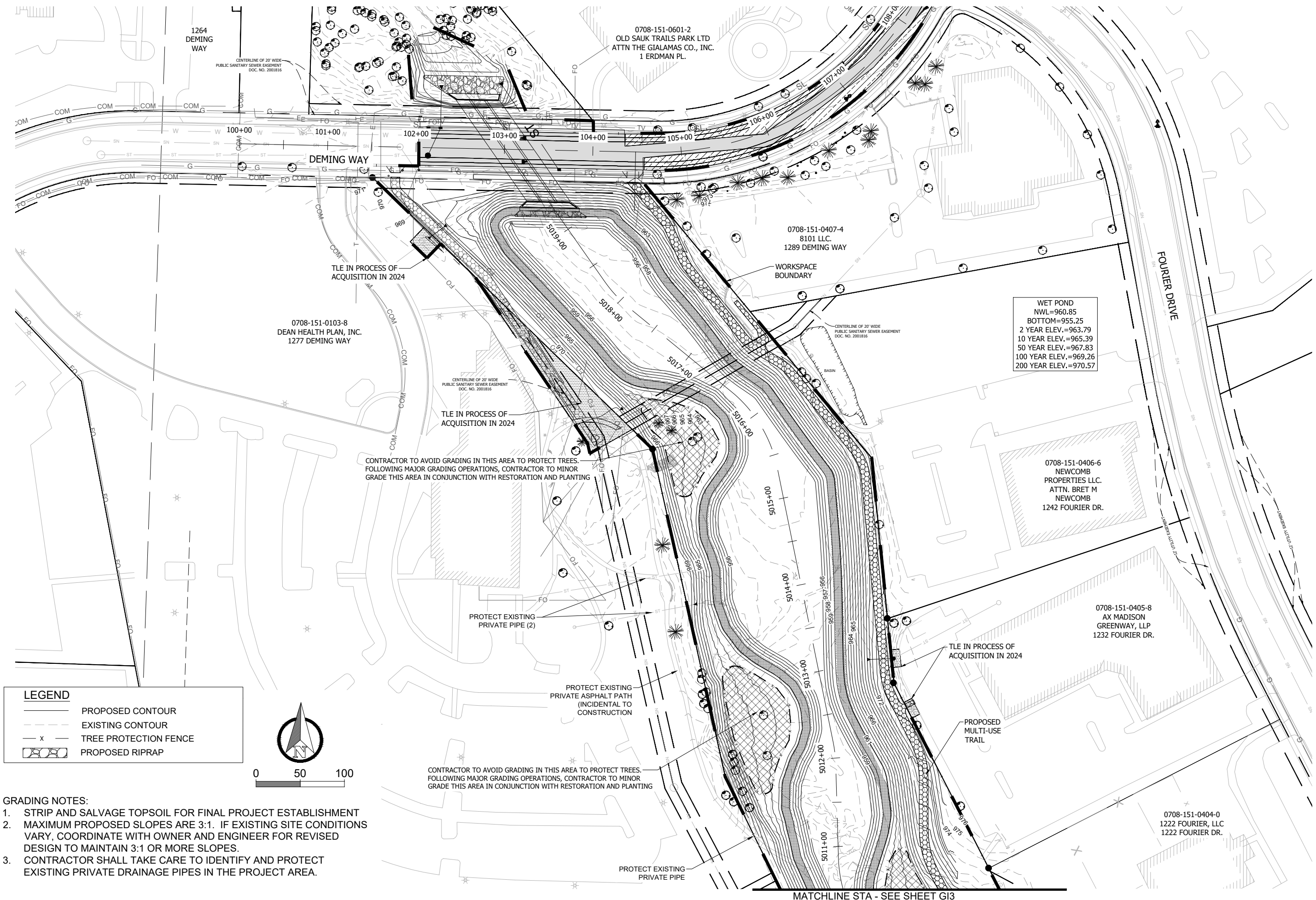
- GRADING NOTES:
1. STRIP AND SALVAGE TOPSOIL FOR FINAL PROJECT ESTABLISHMENT
 2. MAXIMUM PROPOSED SLOPES ARE 3:1. IF EXISTING SITE CONDITIONS VARY, COORDINATE WITH OWNER AND ENGINEER FOR REVISED DESIGN TO MAINTAIN 3:1 OR MORE SLOPES.
 3. CONTRACTOR SHALL TAKE CARE TO IDENTIFY AND PROTECT EXISTING PRIVATE DRAINAGE PIPES IN THE PROJECT AREA.

LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- TREE PROTECTION FENCE
- PROPOSED RIPRAP



	14370		G11	
	14370		G11	
GRADING PLAN OVERVIEW				
PHEASANT BRANCH GREENWAY ENHANCEMENT				
MADISON, WI				
CONTRACT NO: 9517				
Z:\Clients\A_D\City_of_Madison\Present_Plan_Sheets\2023\0227 Grading Plan.dwg				
Designed By: JPC		REVISION	DATE	
Scale: AS SHOWN				



LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- TREE PROTECTION FENCE
- PROPOSED RIPRAP



- GRADING NOTES:**
- STRIP AND SALVAGE TOPSOIL FOR FINAL PROJECT ESTABLISHMENT
 - MAXIMUM PROPOSED SLOPES ARE 3:1. IF EXISTING SITE CONDITIONS VARY, COORDINATE WITH OWNER AND ENGINEER FOR REVISED DESIGN TO MAINTAIN 3:1 OR MORE SLOPES.
 - CONTRACTOR SHALL TAKE CARE TO IDENTIFY AND PROTECT EXISTING PRIVATE DRAINAGE PIPES IN THE PROJECT AREA.

14370		MADISON, WI		9517	
GRADING PLAN - GREENWAY		PHEASANT BRANCH GREENWAY ENHANCEMENT		CONTRACT NO:	
14370		G12		G12	
CITY OF MADISON WISCONSIN		Z:\Clients\A_D\City_of_Madison\Presentations\Presentations\Grading\Plan_Sheets\2023\0227 Grading Plan.dwg		14370	
MARK		REVISION		DATE	
BY		DATE		BY	
Designed By: JPC		Date: 10/16/2024 12:04 PM		Scale: AS SHOWN	

MATCHLINE - SEE SHEET GI2

ADDENDUM NOTE:
ADDED PRIVATE UTILITIES

CONTRACTOR TO AVOID GRADING IN THIS AREA TO PROTECT TREES.
FOLLOWING MAJOR GRADING OPERATIONS, CONTRACTOR TO MINOR
GRADE THIS AREA IN CONJUNCTION WITH RESTORATION AND PLANTING

— TLE IN PROCESS OF ACQUISITION IN 2024

— TLE IN PROCESS OF ACQUISITION IN 2024

WORKSPACE
BOUNDARY

IG TRAIL EASEMENT
D. 2103875

CONTRACTOR TO AVOID GRADING IN THIS AREA TO PROTECT TREES.
FOLLOWING MAJOR GRADING OPERATIONS, CONTRACTOR TO MINOR
GRADE THIS AREA IN CONJUNCTION WITH RESTORATION AND PLANTING

TITLE IN PROCESS OF ACQUISITION IN 2024

PROPOSED

WET POND
NWL=960.85
BOTTOM=955.25
YEAR ELEV.=963.79
YEAR ELEV.=965.39
YEAR ELEV.=967.83
YEAR ELEV.=969.26
YEAR ELEV.=970.57

0708-151-0102-0
ALLICK REAL ESTATE
OLDINGS, LLC. 8310
EXCELSIOR DR.

PROTECT EXISTING PRIVATE PIPE

PROPOSED
RIPRAP

PROTECT WIN FIBER —
DURING GRADING AND
RIPRAP INSTALLATION

0708-154-0203-0
8302 EXCELSIOR DR.

EXCELSIOR DRIVE

0708-154-0201-4
GROUP HEALTH
COOPERATIVE OF
SOUTH CENTRAL WIS
8202 EXCELSIOR DR.

0708-151-0401-6
MADISON FINANCIAL
ADV. LLC
ATTN: STEVE GANT
1110 FOURIER DR.

GRADING NOTES:

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LEGEND

PROPOSED CONTOUR

EXISTING CONTOUR

TREE PROTECTION FENCE

PROPOSED RIPRAP

14370

MADISON, WI

CONTRACT NO:

GRADING PLAN - GREENWAY

PHEASANT BRANCH GREENWAY ENHANCEMENT

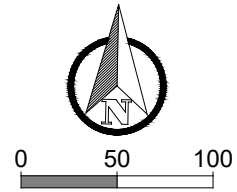
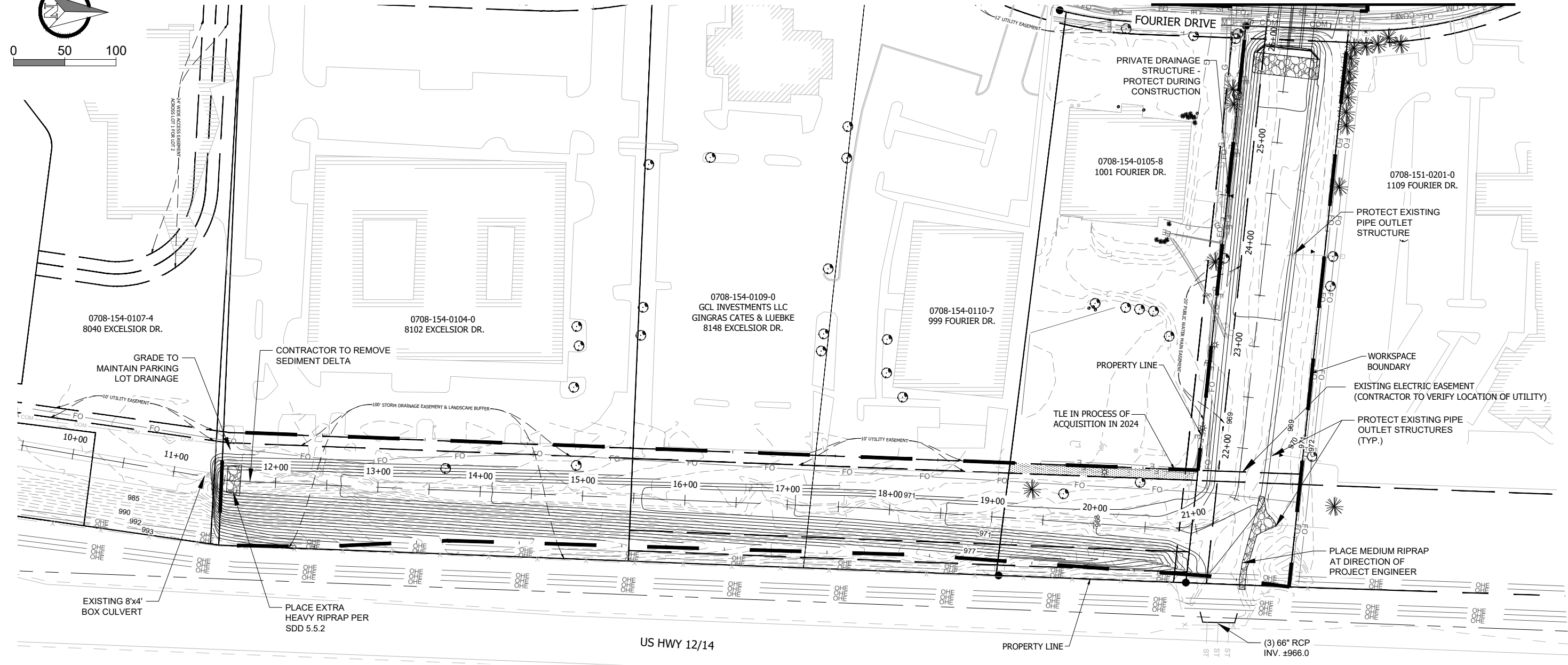
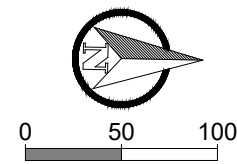
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14370

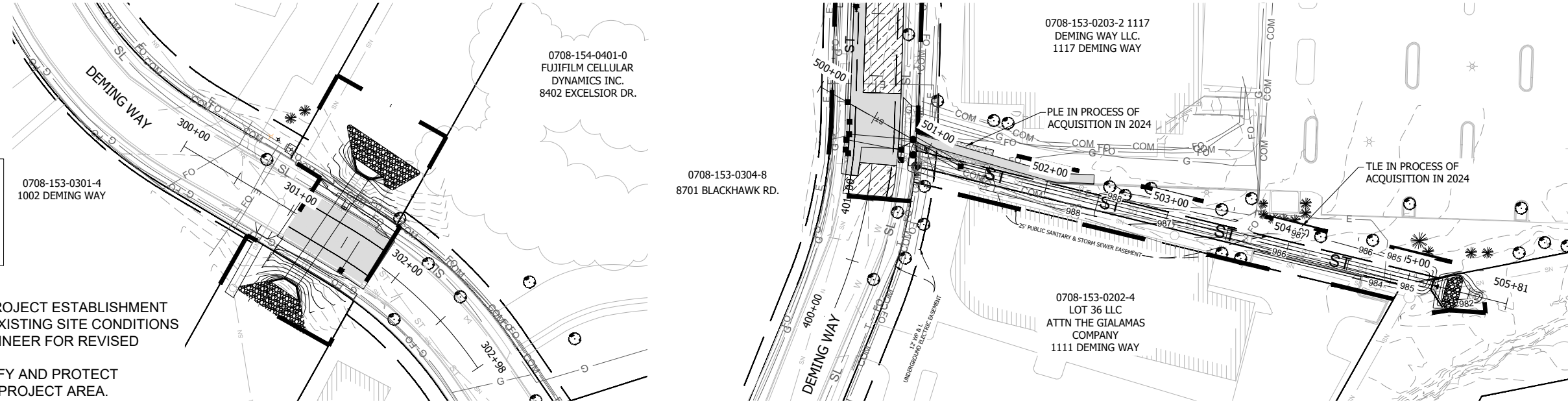
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MARK	REVISION	DATE	BY
Designed By: JPC	Date: 11/6/2024 3:57 PM	Scale: AS SHOWN	
14370			GI3



LEGEND	
	PROPOSED CONTOUR
	EXISTING CONTOUR
	TREE PROTECTION FENCE
	PROPOSED RIPRAP

- GRADING NOTES:
1. STRIP AND SALVAGE TOPSOIL FOR FINAL PROJECT ESTABLISHMENT
 2. MAXIMUM PROPOSED SLOPES ARE 3:1. IF EXISTING SITE CONDITIONS VARY, COORDINATE WITH OWNER AND ENGINEER FOR REVISED DESIGN TO MAINTAIN 3:1 OR MORE SLOPES.
 3. CONTRACTOR SHALL TAKE CARE TO IDENTIFY AND PROTECT EXISTING PRIVATE DRAINAGE PIPES IN THE PROJECT AREA.



14370	MADISON, WI	9517
CONTRACT NO:		
GRADING PLAN - CHANNEL		
PHEASANT BRANCH GREENWAY ENHANCEMENT		
14370		
GI4		
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**ADDENDUM NOTE:
REVISED TREE SIZE**

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	PLANTING SIZE	MATURE HT	MATURE SP	QTY
TREES							
	AC	Amelanchier canadensis / Shadblow Serviceberry	Container	Container, 6' Height, Multi-stem	15'	10'	74
	BN	Betula nigra / River Birch Multi-Trunk	B & B	8 FT. Tall Min.	70'	40'	17
	CC	Carpinus caroliniana / American Hornbeam	B & B	1.5" Min. Cal.	30'	30'	13
	CO	Carya ovata / Shagbark Hickory	B & B	1.5" Min. Cal.	80'	60'	13
	CD	Carya cordiformis / Bitternut Hickory	B & B	1.5" Min. Cal.	80'	50'	11
	CG	Crataegus crus-galli / Thornless Hawthorn	B & B	6' Height, Multi-Stem	30'	35'	22
	QM	Quercus macrocarpa / Bur Oak	B & B	1.5" Min. Cal.	70'	70'	34
	QX	Quercus x schuetti / Swamp Bur Oak	B & B	1.5" Min. Cal.	75'	70'	18
SHRUBS							
	AM	Aronia melanocarpa / Black Chokeberry	3 gal	Container	6'	6'	11
	CB	Cephalanthus occidentalis / Buttonbush	3 gal	Container	8'	8'	67
	CP	Comptonia peregrina / Sweet Fern	2 gal	Container	4'	6'	42
	CA	Corylus americana / American Hazelnut	3 gal	Container	8'	8'	48
	RB	Rosa blanda / Smooth Rose	3 gal	Container	3	3'	41
	SE	Sambucus canadensis / American Elderberry	2 gal	Container	12'	12'	67
	ST	Staphylea trifolia / American Bladdernut	3 gal	Container	15'	15'	17
	VL	Viburnum lentago / Nannyberry	3 gal	Container	12'	10'	56
	VB	Viburnum prunifolium / Blackhaw Viburnum	3 gal	Container	15'	10'	20

PLANT LIST

01

NOTES

1. CITY TO APPROVE ALL STAKED PLANTING LOCATIONS PRIOR TO PLANTING.



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MADISON, WI

9517

CONTRACT NO:

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CENTERLINE OF 20' WIDE
PUBLIC SANITARY SEWER
EASEMENT
DOC. NO. 2001816

0708-151-0406-6
NEWCOMB PROPERTIES LLC.
ATTN. BRET M NEWCOMB
1242 FOURIER DR.

0708-151-0405-8
AX MADISON
GREENWAY, LLP
1232 FOURIER DR.

1. CITY TO APPROVE ALL STAKED PLANTING LOCATIONS PRIOR TO PLANTING.

MATCHLINE STA - SEE SHEET GI7



4370
GI7

0708-151-0405-8
AX MADISON
GREENWAY, LLP
1232 FOURIER DR.



LANDSCAPE PLAN
PHEASANT BRANCH GREENWAY ENHANCEMENT
MADISON, WI
CONTRACT NO: 9517



14370
GI8

Client's Address	Client's Name	Client's Phone	Client's Email	Client's Website	Client's Social Media	Client's Other Info
123 Main St New York, NY 10001	John Doe	212-555-1234	john.doe@example.com	www.example.com	Facebook, Twitter	Member since 2015
456 Elm St Los Angeles, CA 90001	Jane Smith	310-555-5678	jane.smith@example.com	www.example.com	Instagram, LinkedIn	Member since 2018
789 Oak St Chicago, IL 60601	Mike Johnson	312-555-9012	mike.johnson@example.com	www.example.com	Twitter, YouTube	Member since 2012
101 Pine St Houston, TX 77001	Sarah Lee	281-555-3456	sarah.lee@example.com	www.example.com	Facebook, Instagram	Member since 2016
202 Cedar St Phoenix, AZ 85001	David Brown	602-555-7890	david.brown@example.com	www.example.com	LinkedIn, Twitter	Member since 2014
303 Birch St San Antonio, TX 78201	Emily White	210-555-2345	emily.white@example.com	www.example.com	Instagram, Facebook	Member since 2017
404 Maple St San Diego, CA 92101	Chris Green	619-555-6789	chris.green@example.com	www.example.com	Twitter, YouTube	Member since 2013
505 Walnut St Dallas, TX 75201	Alex Black	214-555-0123	alex.black@example.com	www.example.com	Facebook, LinkedIn	Member since 2019
606 Cherry St San Jose, CA 95101	Mia Grey	408-555-4567	mia.grey@example.com	www.example.com	Instagram, Twitter	Member since 2015
707 Peach St Austin, TX 78701	Noah Blue	512-555-8901	noah.blue@example.com	www.example.com	YouTube, Facebook	Member since 2016
808 Apple St Jacksonville, FL 32201	Olivia Red	904-555-2345	olivia.red@example.com	www.example.com	Twitter, LinkedIn	Member since 2014
909 Orange St Fort Worth, TX 76101	Liam Purple	817-555-6789	liam.purple@example.com	www.example.com	Instagram, YouTube	Member since 2017
1010 Grape St Columbus, OH 43201	Ava Yellow	614-555-0123	ava.yellow@example.com	www.example.com	Facebook, Twitter	Member since 2018
1111 Lemon St San Francisco, CA 94101	Ethan Green	415-555-4567	ethan.green@example.com	www.example.com	LinkedIn, Instagram	Member since 2013
1212 Lime St Indianapolis, IN 46201	Sophia Blue	317-555-8901	sophia.blue@example.com	www.example.com	Twitter, Facebook	Member since 2016
1313 Strawberry St Columbus, OH 43201	Lucas Red	614-555-2345	lucas.red@example.com	www.example.com	YouTube, LinkedIn	Member since 2015
1414 Raspberry St San Francisco, CA 94101	Isabella Purple	415-555-6789	isabella.purple@example.com	www.example.com	Instagram, Twitter	Member since 2017
1515 Blueberry St San Jose, CA 95101	Benjamin Yellow	408-555-0123	benjamin.yellow@example.com	www.example.com	Facebook, YouTube	Member since 2014
1616 Blackberry St Austin, TX 78701	Charlotte Green	512-555-4567	charlotte.green@example.com	www.example.com	Twitter, LinkedIn	Member since 2016
1717 Elderberry St Jacksonville, FL 32201	William Blue	904-555-8901	william.blue@example.com	www.example.com	Instagram, Facebook	Member since 2013
1818 Mulberry St Fort Worth, TX 76101	Amelia Red	817-555-2345	amelia.red@example.com	www.example.com	Twitter, YouTube	Member since 2015
1919 Huckleberry St Columbus, OH 43201	James Purple	614-555-6789	james.purple@example.com	www.example.com	LinkedIn, Instagram	Member since 2017
2020 Boysenberry St San Francisco, CA 94101	Harper Yellow	415-555-0123	harper.yellow@example.com	www.example.com	Facebook, Twitter	Member since 2018
2121 Raspberry St San Jose, CA 95101	Robert Green	408-555-4567	robert.green@example.com	www.example.com	YouTube, LinkedIn	Member since 2014
2222 Blackberry St Austin, TX 78701	Evelyn Blue	512-555-8901	evelyn.blue@example.com	www.example.com	Twitter, Facebook	Member since 2016
2323 Elderberry St Jacksonville, FL 32201	William Red	904-555-2345	william.red@example.com	www.example.com	Instagram, YouTube	Member since 2013
2424 Mulberry St Fort Worth, TX 76101	Charlotte Purple	817-555-6789	charlotte.purple@example.com	www.example.com	Twitter, LinkedIn	Member since 2015
2525 Huckleberry St Columbus, OH 43201	James Yellow	614-555-0123	james.yellow@example.com	www.example.com	Facebook, Twitter	Member since 2017
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2727 Raspberry St San Jose, CA 95101	Benjamin Blue	408-555-8901	benjamin.blue@example.com	www.example.com	Twitter, Facebook	Member since 2016
2828 Blackberry St Austin, TX 78701	Charlotte Red	512-555-2345	charlotte.red@example.com	www.example.com	YouTube, LinkedIn	Member since 2013
2929 Elderberry St Jacksonville, FL 32201	William Purple	904-555-6789	william.purple@example.com	www.example.com	Instagram, Twitter	Member since 2015
3030 Mulberry St Fort Worth, TX 76101	Evelyn Yellow	817-555-0123	evelyn.yellow@example.com	www.example.com	Facebook, YouTube	Member since 2017
3131 Huckleberry St Columbus, OH 43201	Robert Green	614-555-4567	robert.green@example.com	www.example.com	Twitter, LinkedIn	Member since 2014
3232 Boysenberry St San Francisco, CA 94101	Evelyn Blue	415-555-8901	evelyn.blue@example.com	www.example.com	Instagram, Facebook	Member since 2016
3333 Raspberry St San Jose, CA 95101	Benjamin Red	408-555-2345	benjamin.red@example.com	www.example.com	Twitter, YouTube	Member since 2013
3434 Blackberry St Austin, TX 78701	Charlotte Purple	512-555-6789	charlotte.purple@example.com	www.example.com	LinkedIn, Instagram	Member since 2015
3535 Elderberry St Jacksonville, FL 32201	James Yellow	904-555-0123	james.yellow@example.com	www.example.com	Facebook, Twitter	Member since 2017
3636 Mulberry St Fort Worth, TX 76101	Harper Green	817-555-4567	harper.green@example.com	www.example.com	Twitter, YouTube	Member since 2014
3737 Huckleberry St Columbus, OH 43201	William Blue	614-555-8901	william.blue@example.com	www.example.com	Instagram, Facebook	Member since 2016
3838 Boysenberry St San Francisco, CA 9						

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DEAN HEALTH
PLAN, INC.
1277 DEMING WAY

0708-151-0102-0
HALLICK REAL ESTATE
HOLDINGS, LLC.
8310 EXCELSIOR DR.

168
CENTERLINE OF 20' WIDE
PUBLIC SANITARY SEWER EASEMENT
DOC. NO. 2001816

0708-151-0405-8
AX MADISON
GREENWAY, LLP
1232 FOURIER DR.

JOGGING TRAIL EASEMENT
DOC. NO. 2103875

0708-151-0404-0
1222 FOURIER, LLC
1222 FOURIER DR

— EX PRIVATE PATH TO
REMAIN

0708-151-0403-2
SPACE CENTER CDM
ASSOC. INC.
1212 FOURIER DR.

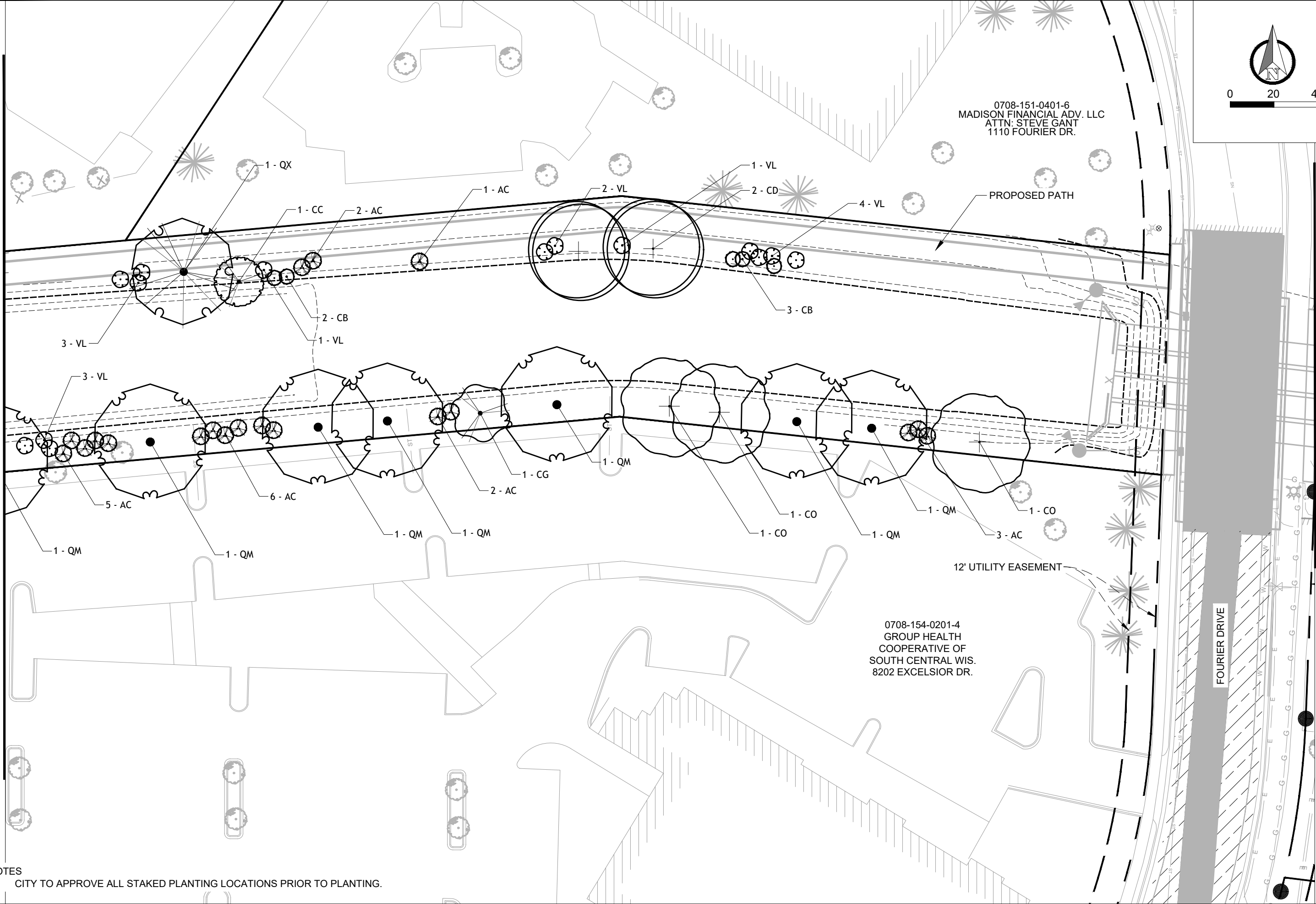
1. CITY TO APPROVE ALL STAKED PLANTING LOCATIONS PRIOR TO PLANTING.

MATCHLINE STA - SEE SHEET GI8

MATCHLINE STA - SEE SHEET G19

NOTES

1. CITY TO APPROVE ALL STAKED PLANTING LOCATIONS PRIOR TO PLANTING.



MATCHLINE STA - SEE SHEET G11

	LANDSCAPE PLAN		14370	14370
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI	9517
14370		GI11		GI11

Contract No: 9517

Scale: AS SHOWN

Date: 10/16/2024 12:05 PM

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Marked By: JPC

Revision: 14370

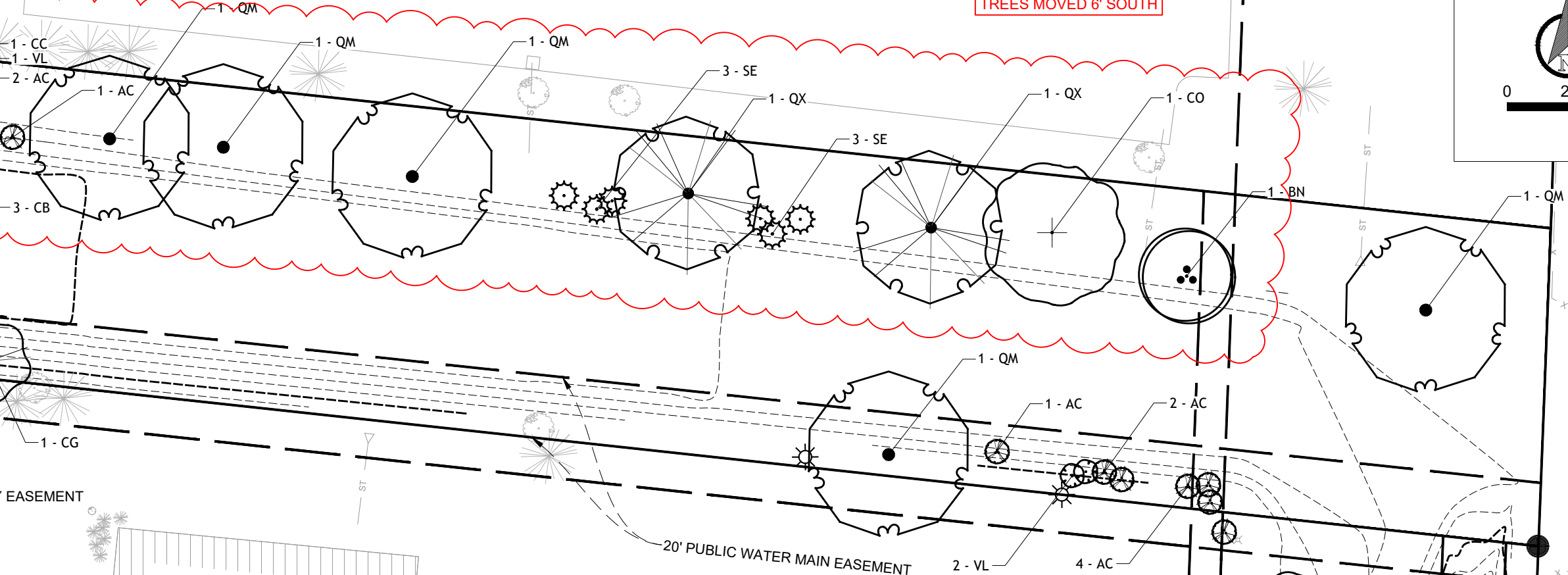
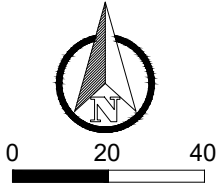
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MATCHLINE STA - SEE SHEET G110

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1109 FOURIER DR.

ADDENDUM NOTE:
TREES MOVED 6' SOUTH



0708-154-0105-8
1001 FOURIER DR.

0708-154-0110-7
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US HIGHWAY 12/14

MATCHLINE STA - SEE SHEET G112

- NOTES
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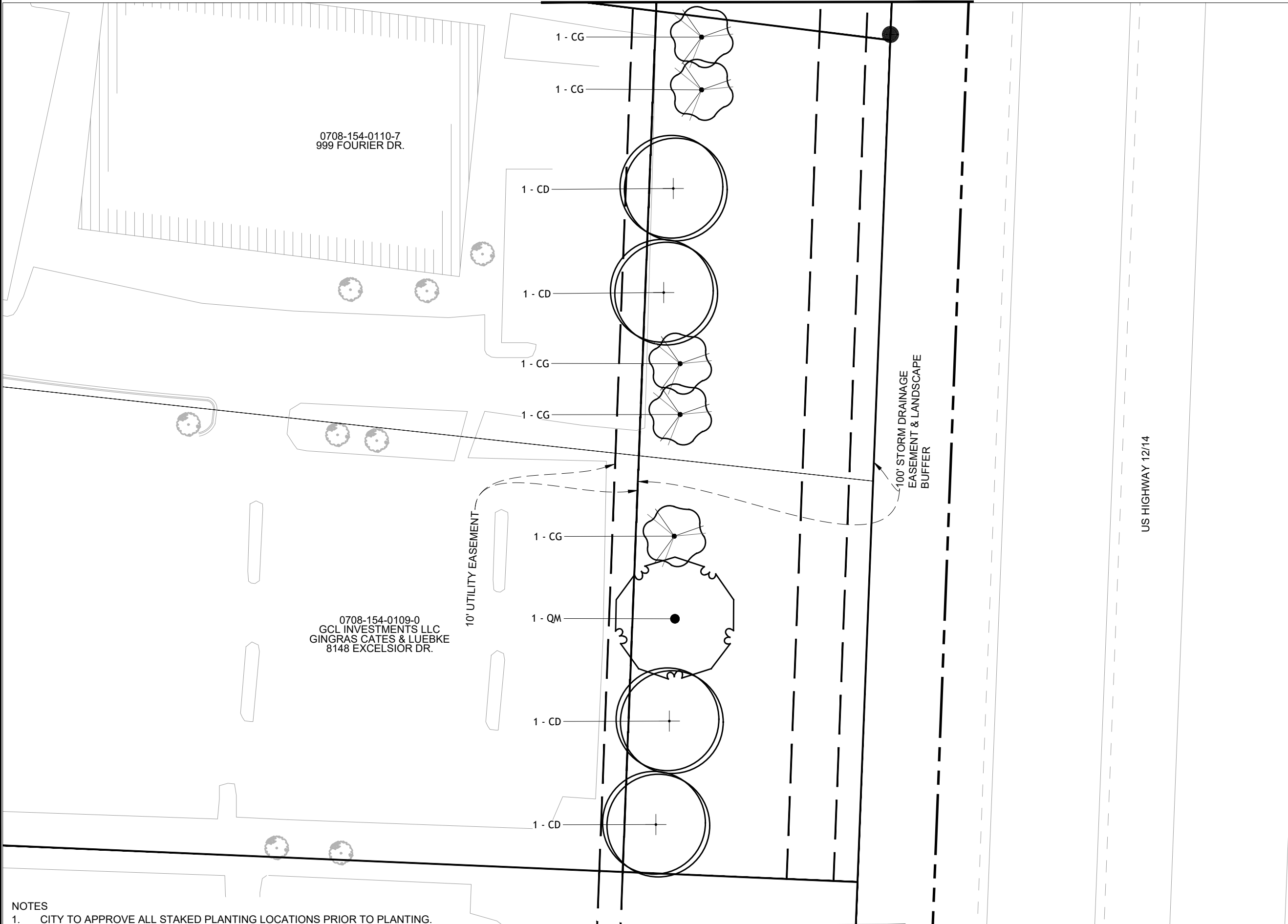
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14370
MADISON, WI
9517
CONTRACT NO:

LANDSCAPE PLAN
PHEASANT BRANCH GREENWAY ENHANCEMENT



14370
G112



NOTES

1. CITY TO APPROVE ALL STAKED PLANTING LOCATIONS PRIOR TO PLANTING.



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LANDSCAPE PLAN

14370
PHEASANT BRANCH GREENWAY ENHANCEMENT
MADISON, WI



14370
GI13

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CONTRACT NO:

9517

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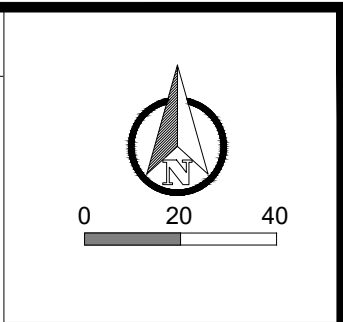
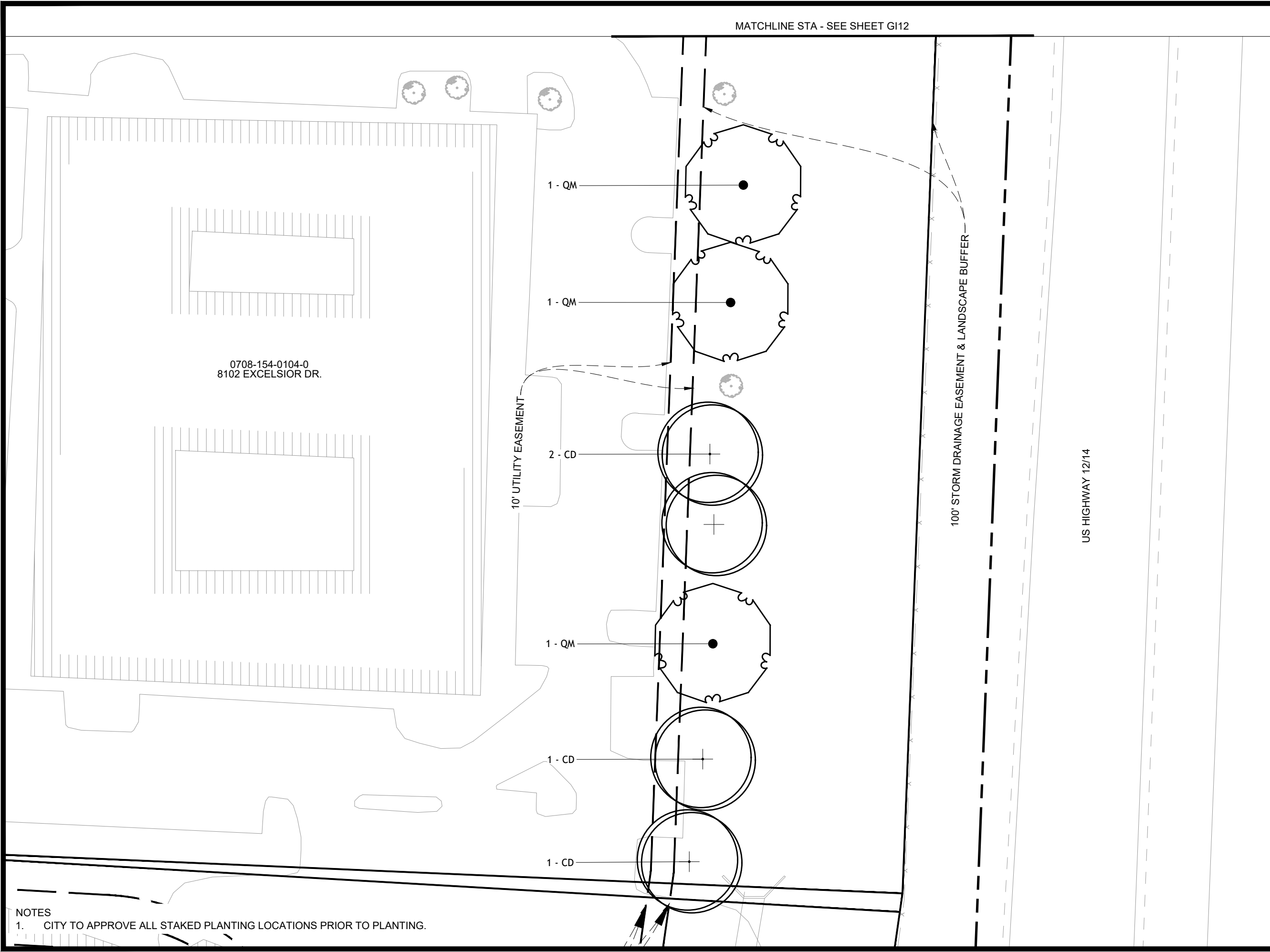
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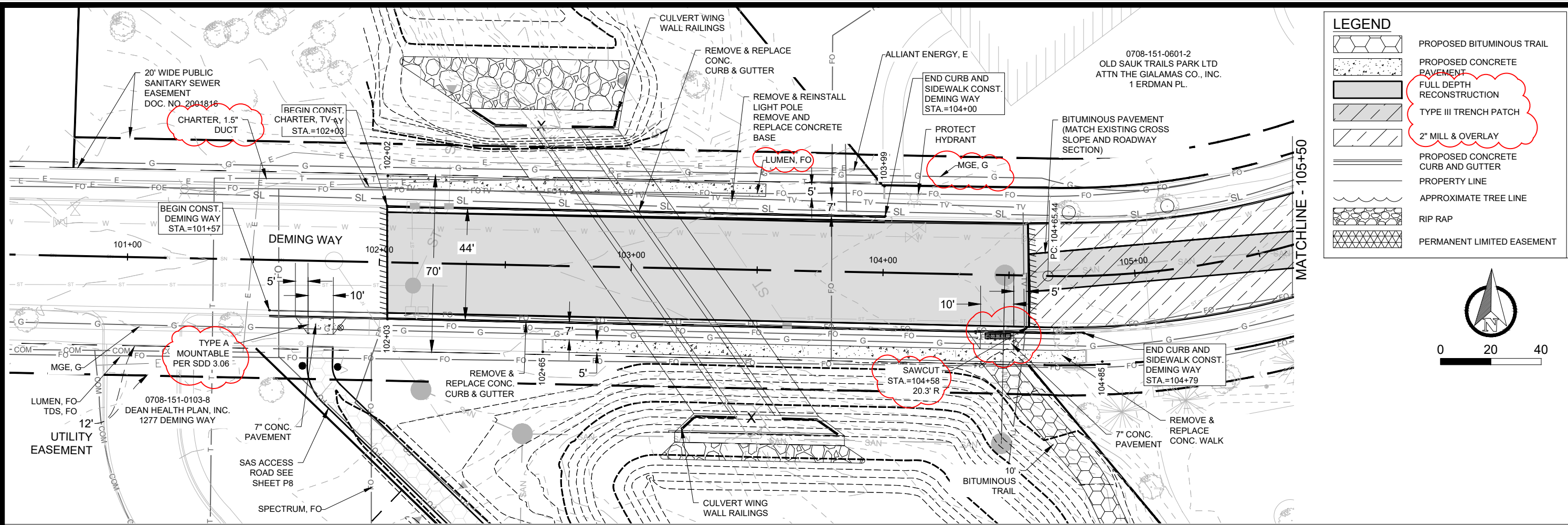
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- NOTES
1. CITY TO APPROVE ALL STAKED PLANTING LOCATIONS PRIOR TO PLANTING.

	LANDSCAPE PLAN		14370
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI
	CONTRACT NO: 9517		GI14

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14370			GI14



LEGEND

PROPOSED BITUMINOUS TRAIL

PROPOSED CONCRETE PAVEMENT

FULL DEPTH RECONSTRUCTION

TYPE III TRENCH PATCH

2" MILL & OVERLAY

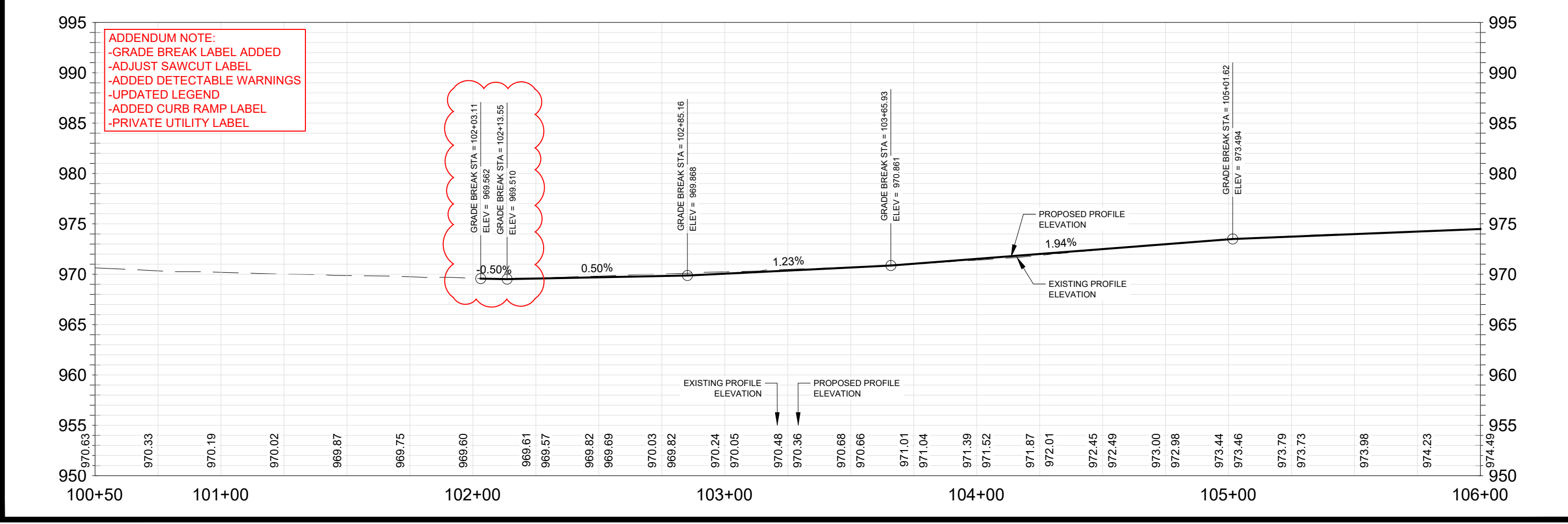
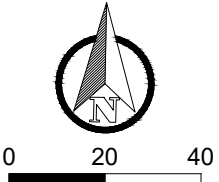
PROPOSED CONCRETE CURB AND GUTTER

PROPERTY LINE

APPROXIMATE TREE LINE

RIP RAP

PERMANENT LIMITED EASEMENT



14370

MADISON, WI

CONTRACT NO: 9517

STREET PLAN & PROFILE - DEMING WAY

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

P1

BY DATE

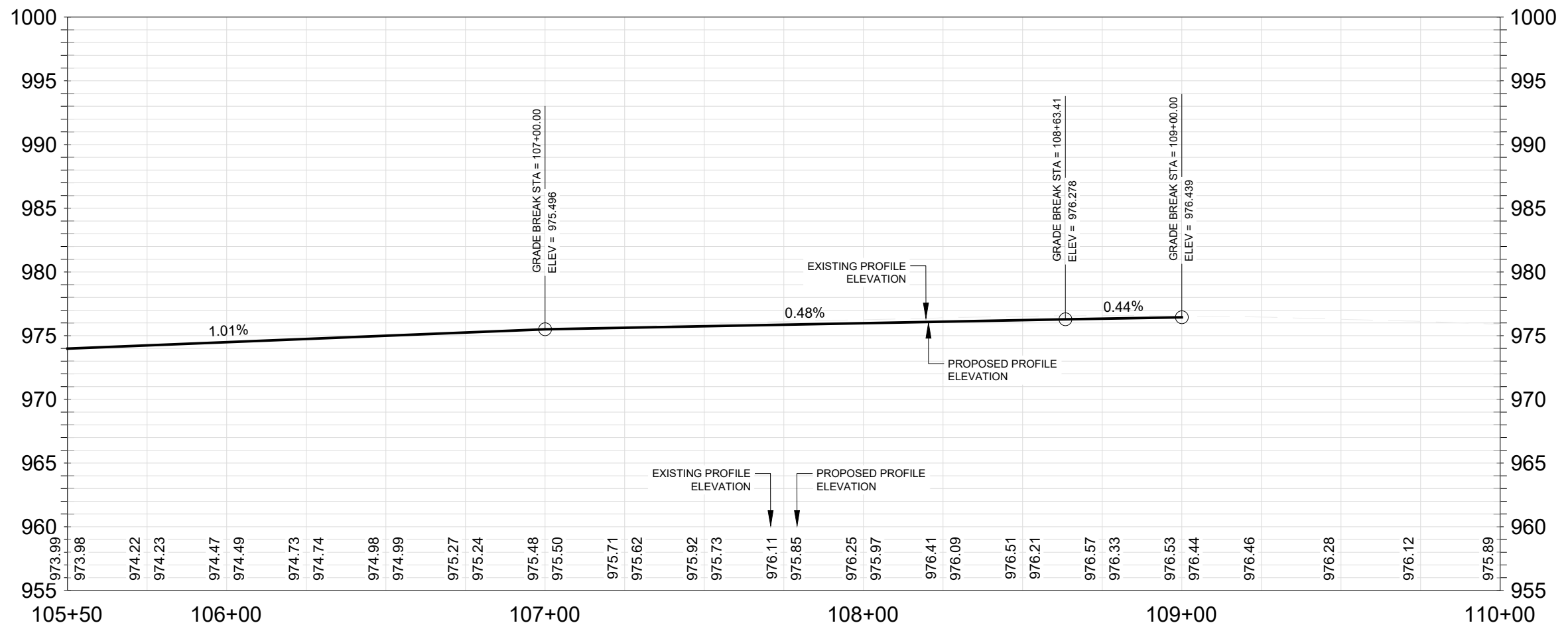
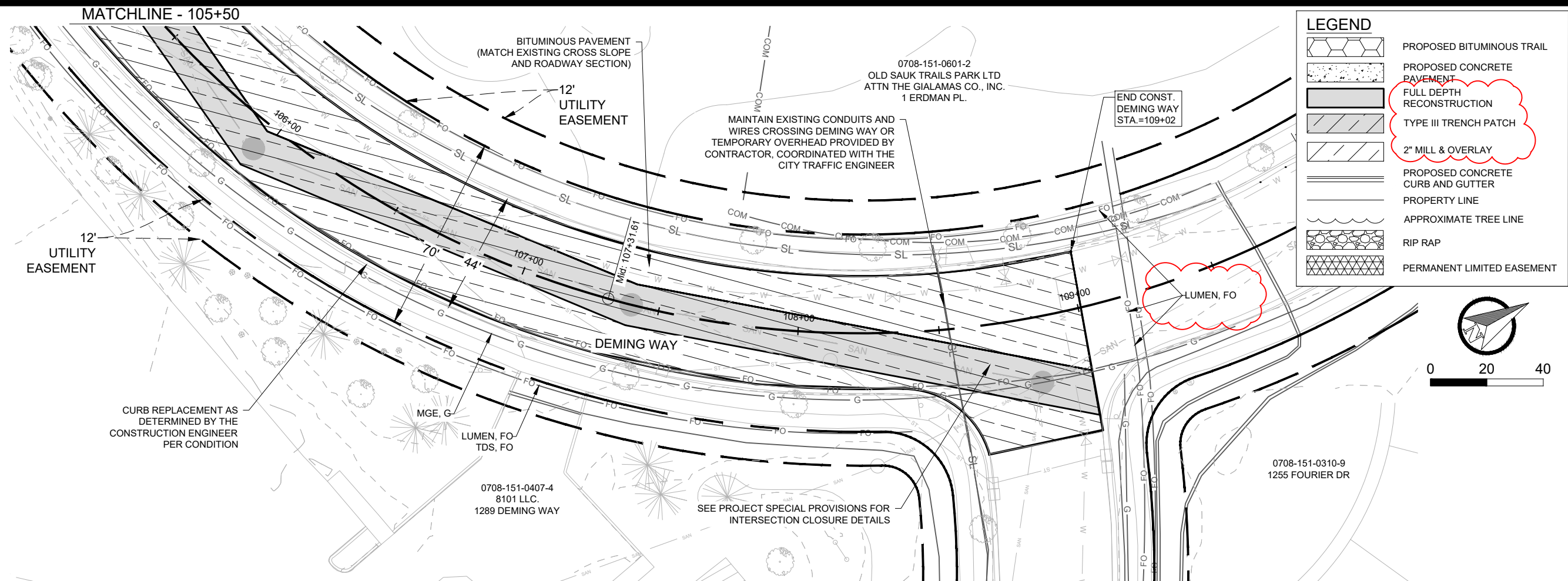
REVISION

MARK

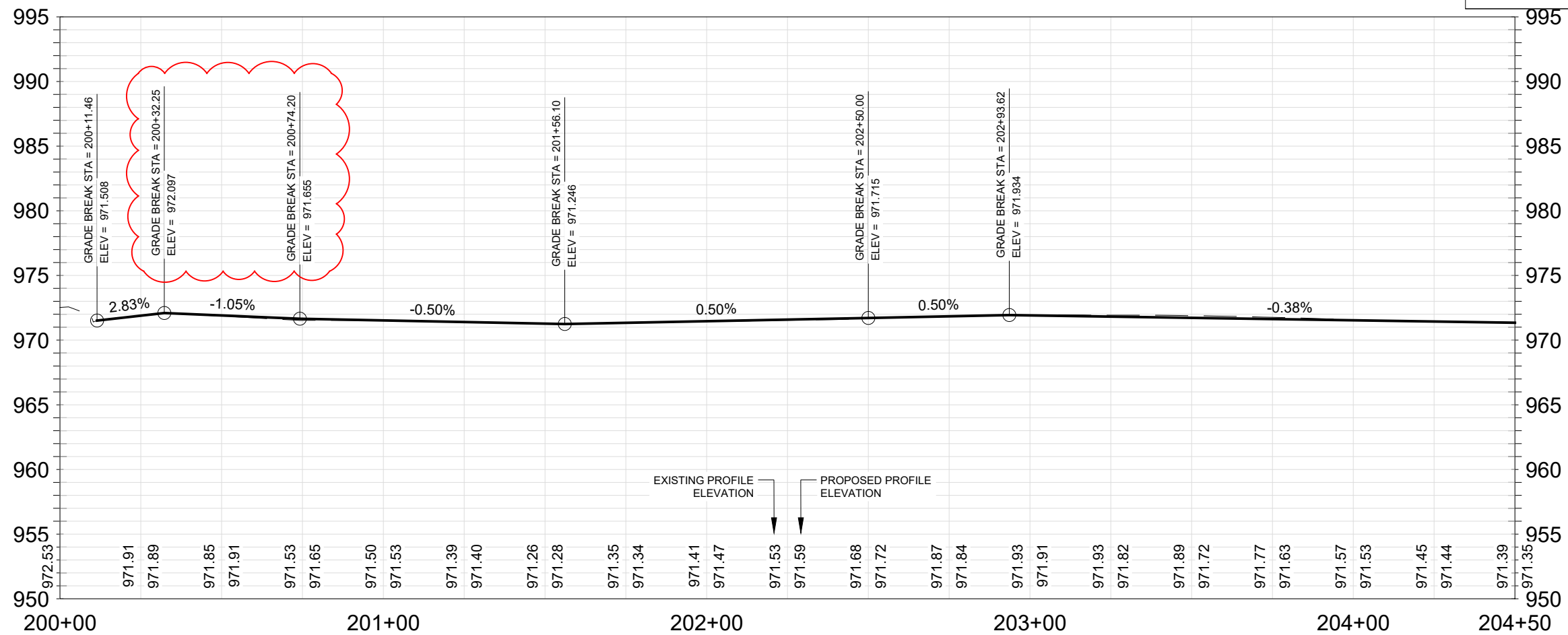
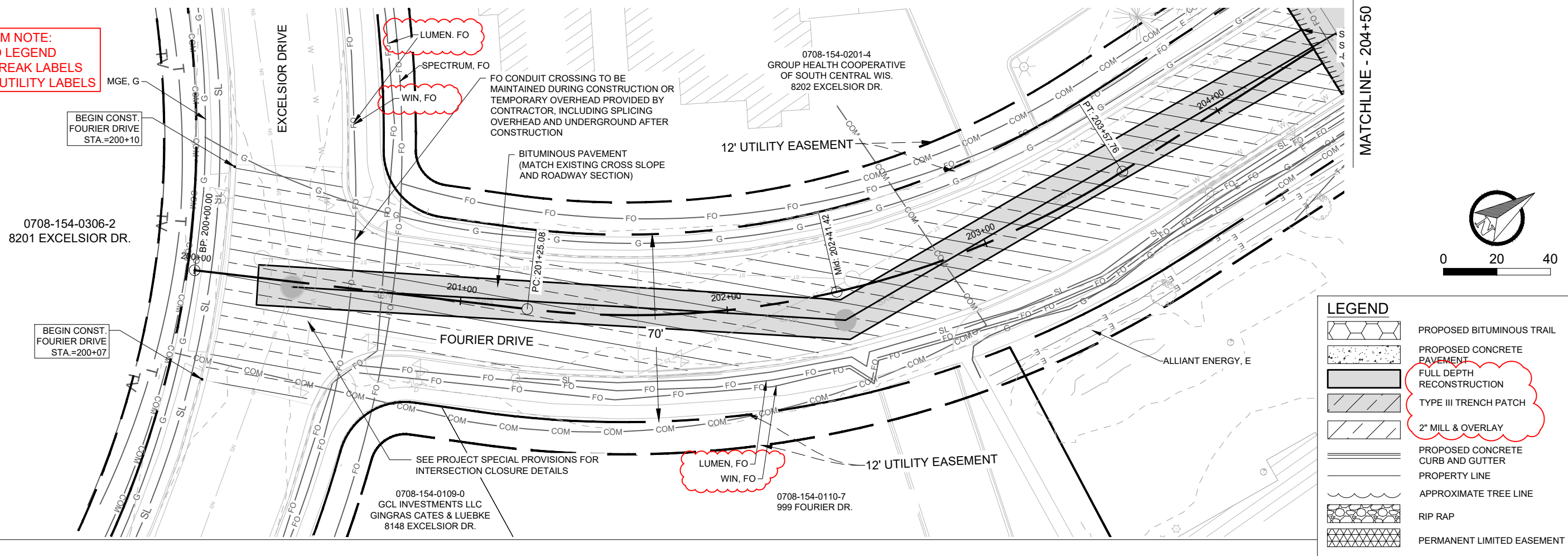
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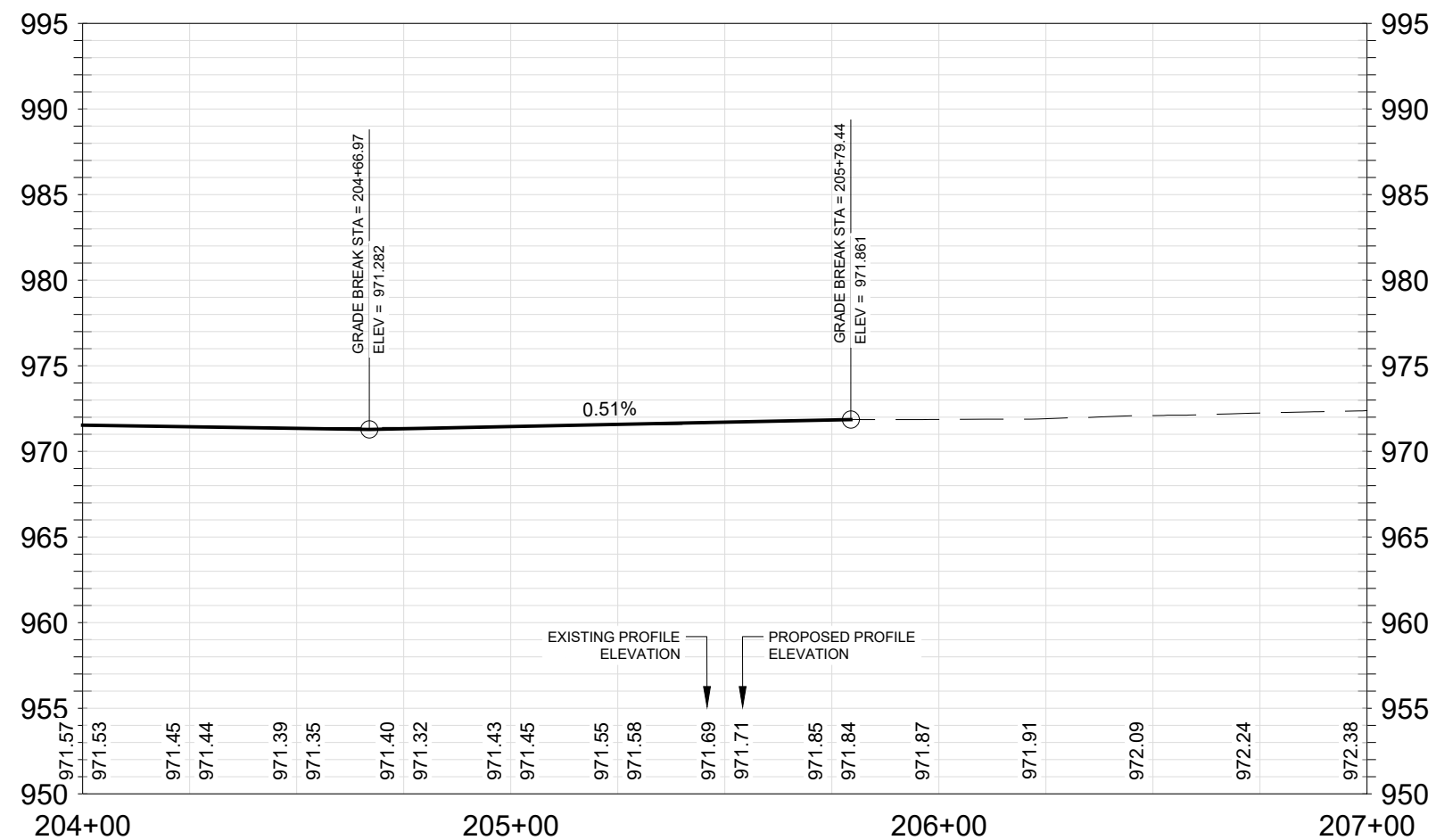
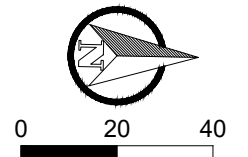
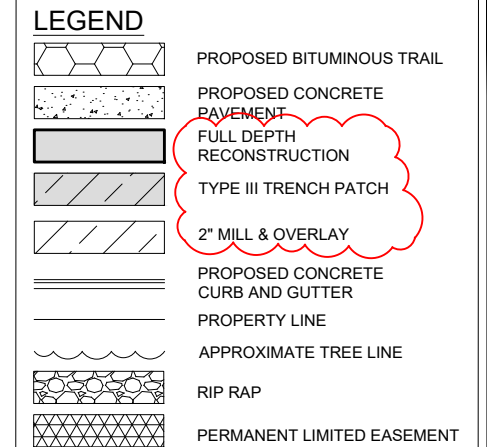
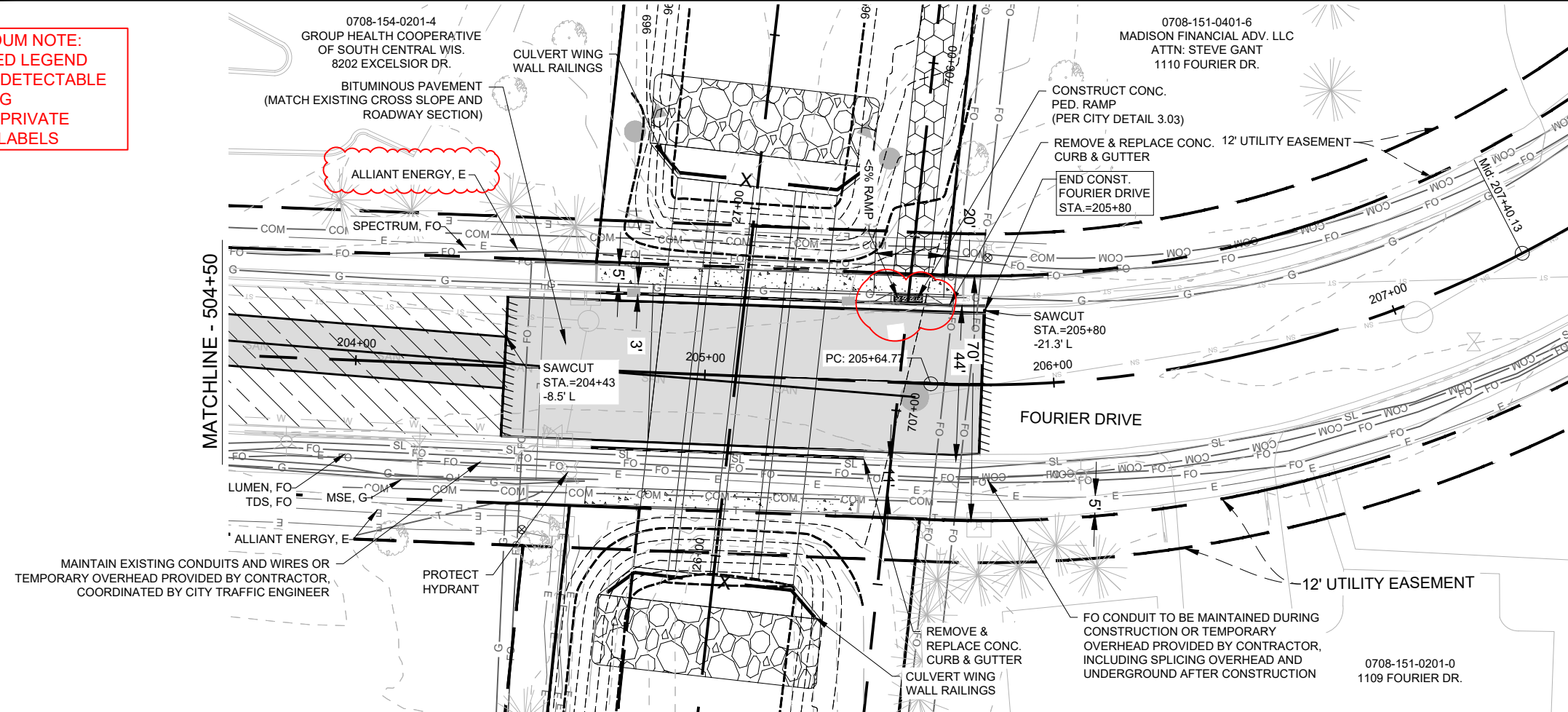
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-UPDATED LEGEND
-ADDED PRIVATE
UTILITY NOTES



ADDENDUM NOTE:
-UPDATED LEGEND
-GRADE BREAK LABELS
-PRIVATE UTILITY LABELS



ADDENDUM NOTE:
-UPDATED LEGEND
-ADDED DETECTABLE
WARNING
-ADDED PRIVATE
UTILITY LABELS



STREET PLAN & PROFILE - FOURIER DR.

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

MADISON, WI

CONTRACT NO: 9517

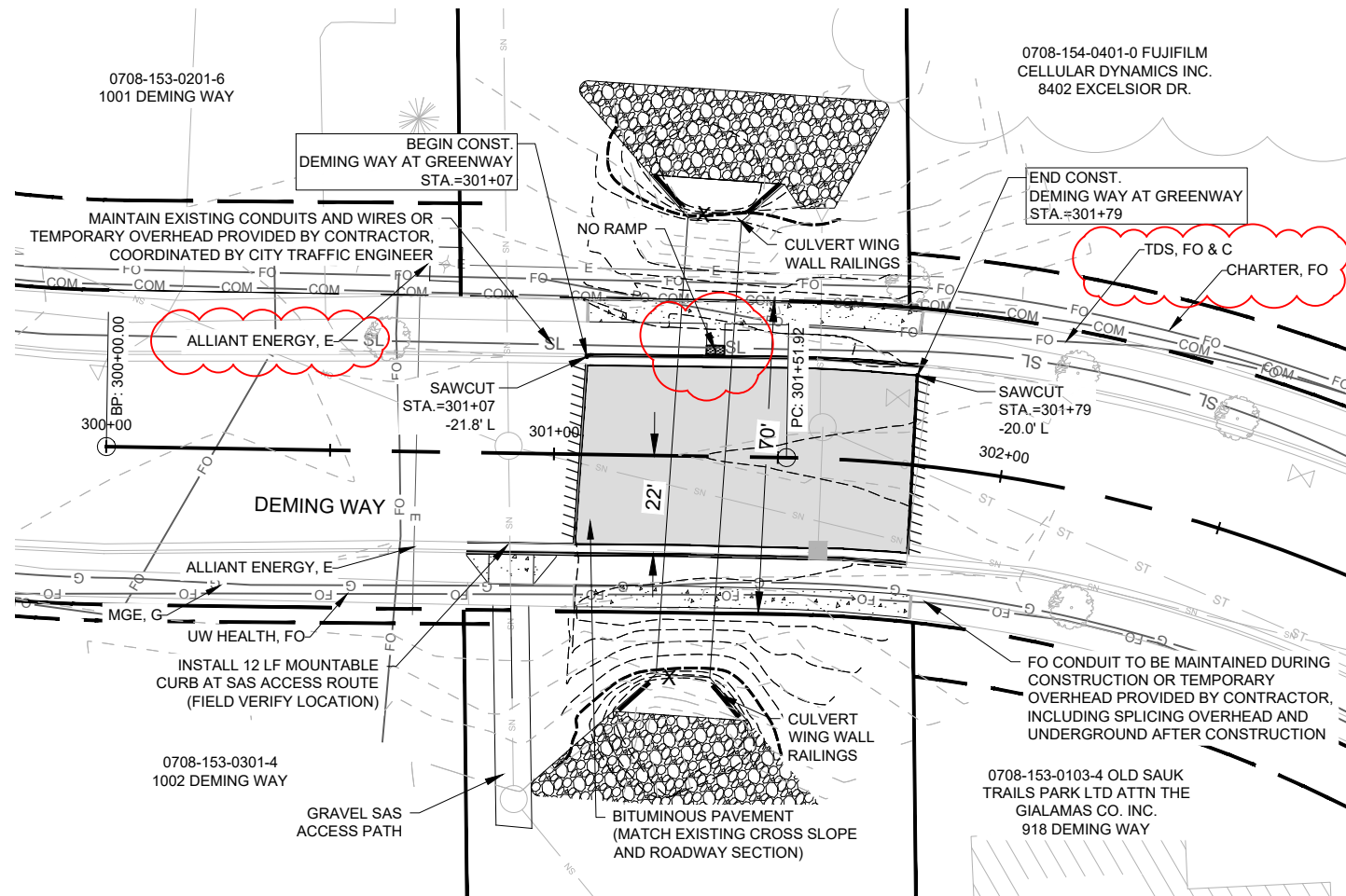
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14370			



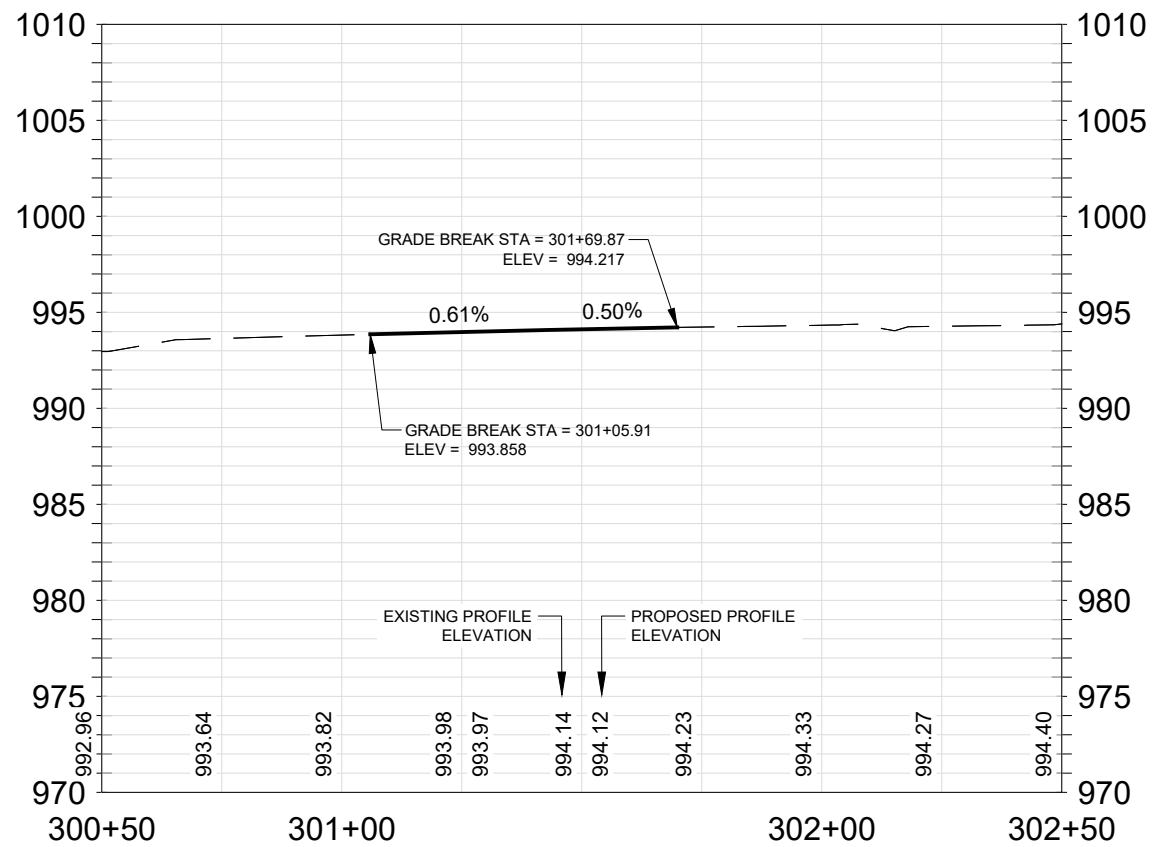
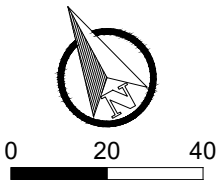
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P4

ADDENDUM NOTE:
-UPDATED LEGEND
-ADDED DETECTABLE
WARNING
-PRIVATE UTILITY
LABELS



LEGEND	
	PROPOSED BITUMINOUS TRAIL
	PROPOSED CONCRETE PAVEMENT
	FULL DEPTH RECONSTRUCTION
	TYPE III TRENCH PATCH
	2" MILL & OVERLAY
	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
	APPROXIMATE TREE LINE
	RIP RAP
	PERMANENT LIMITED EASEMENT



STREET PLAN & PROFILE - DEMING WEST
PHEASANT BRANCH GREENWAY ENHANCEMENT



14370
P5

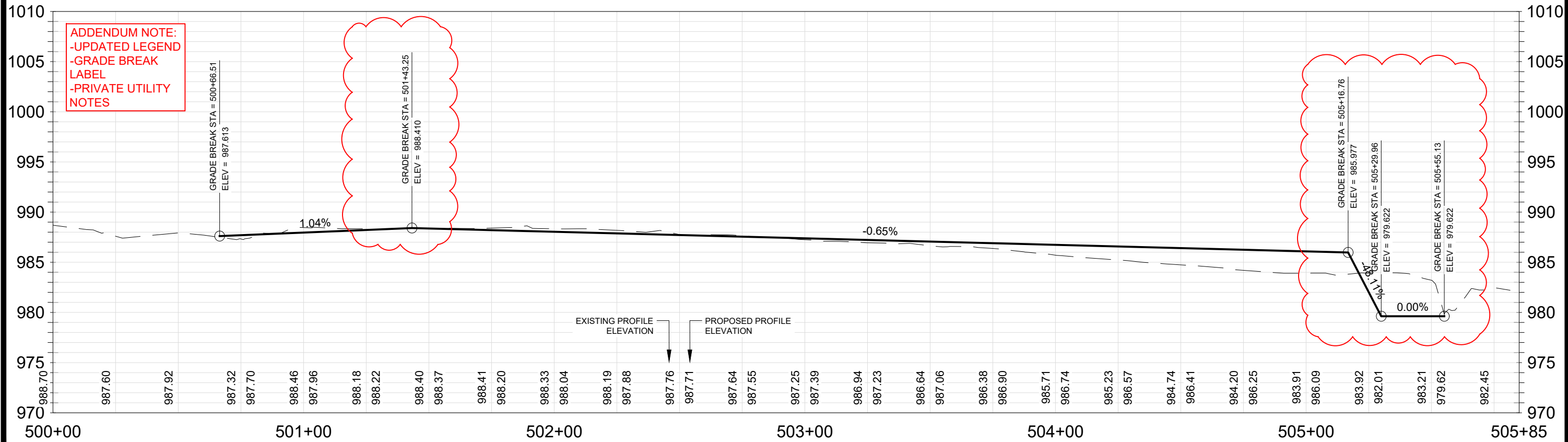
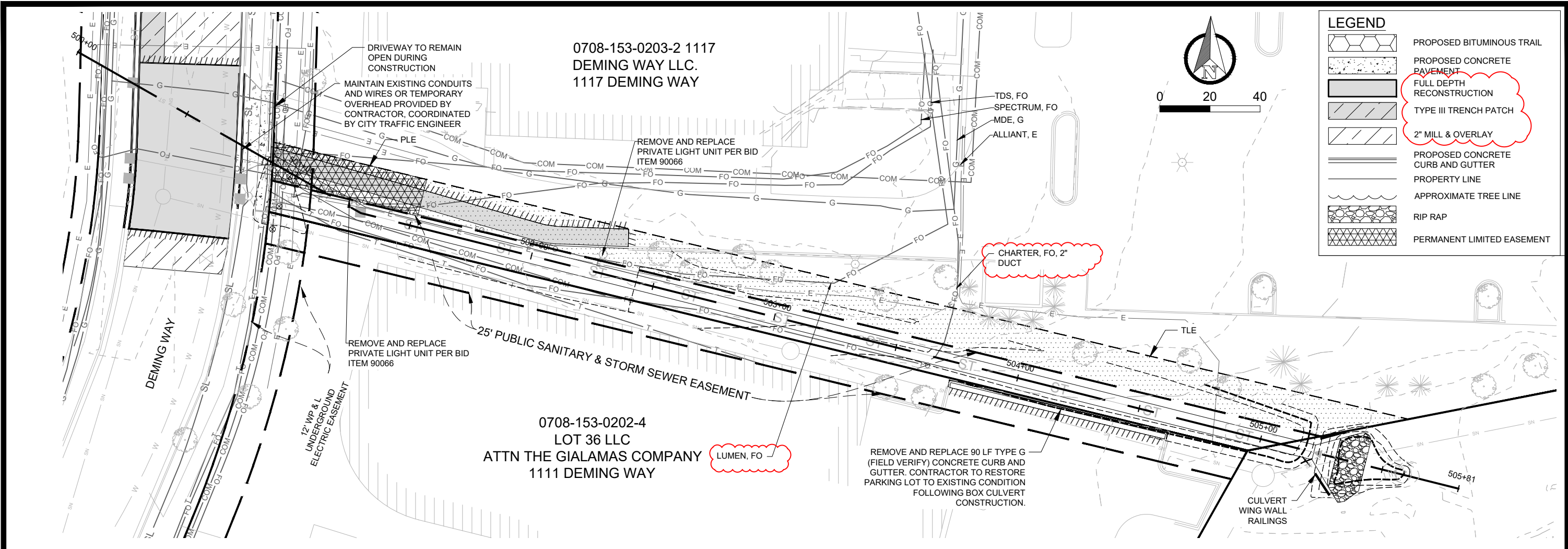
14370
MADISON, WI

CONTRACT NO:

9517

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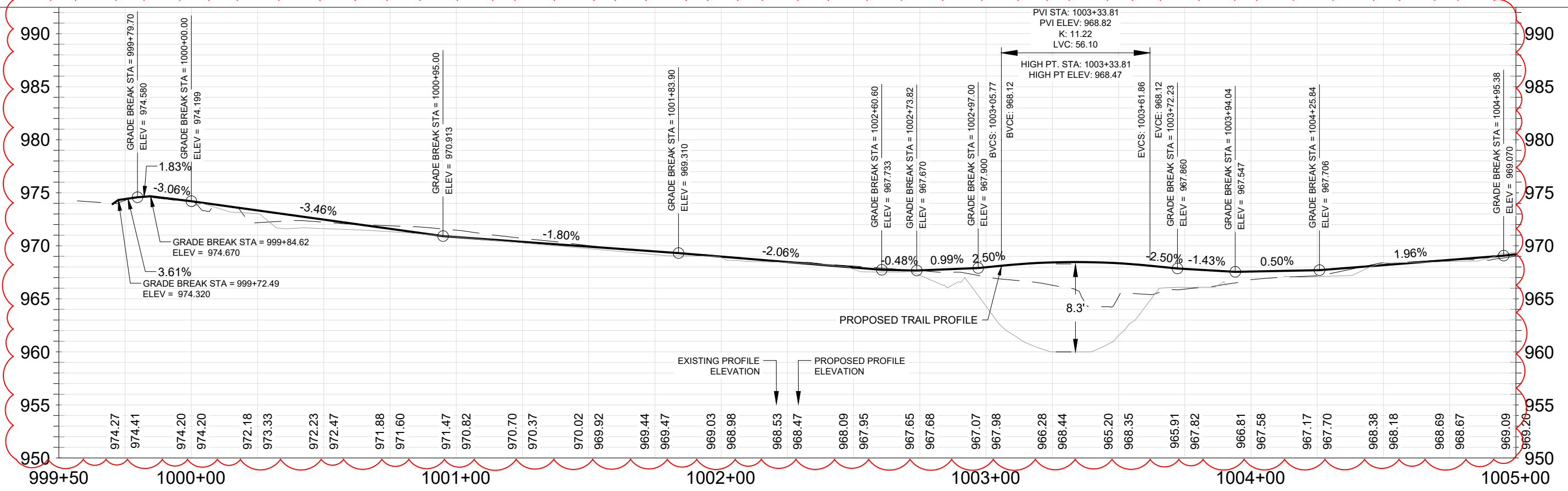
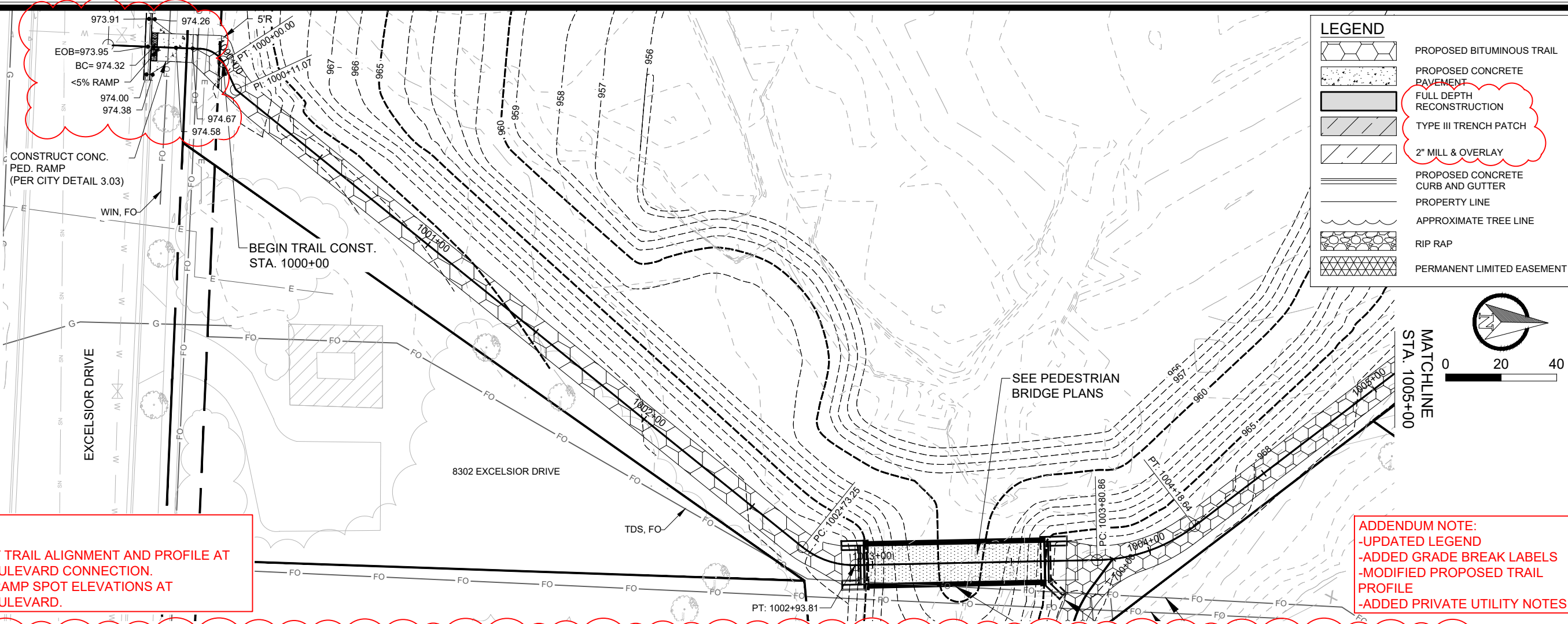
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DATE: 11/6/2024 4:00 PM
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P5

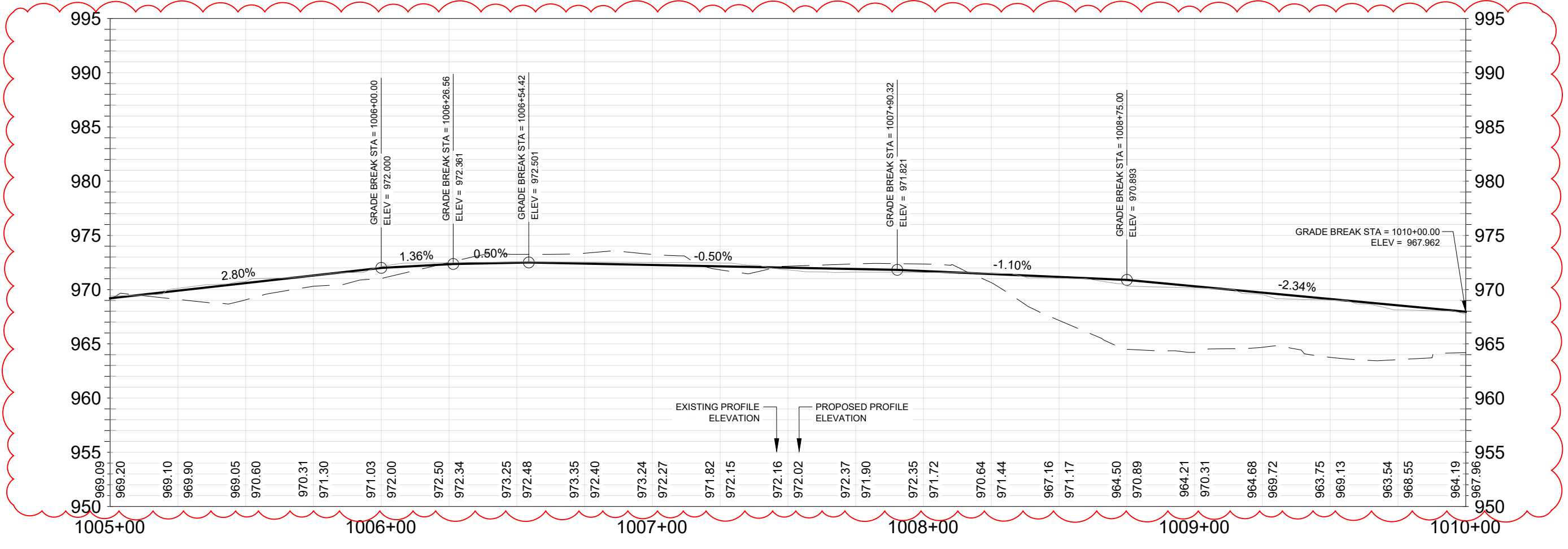
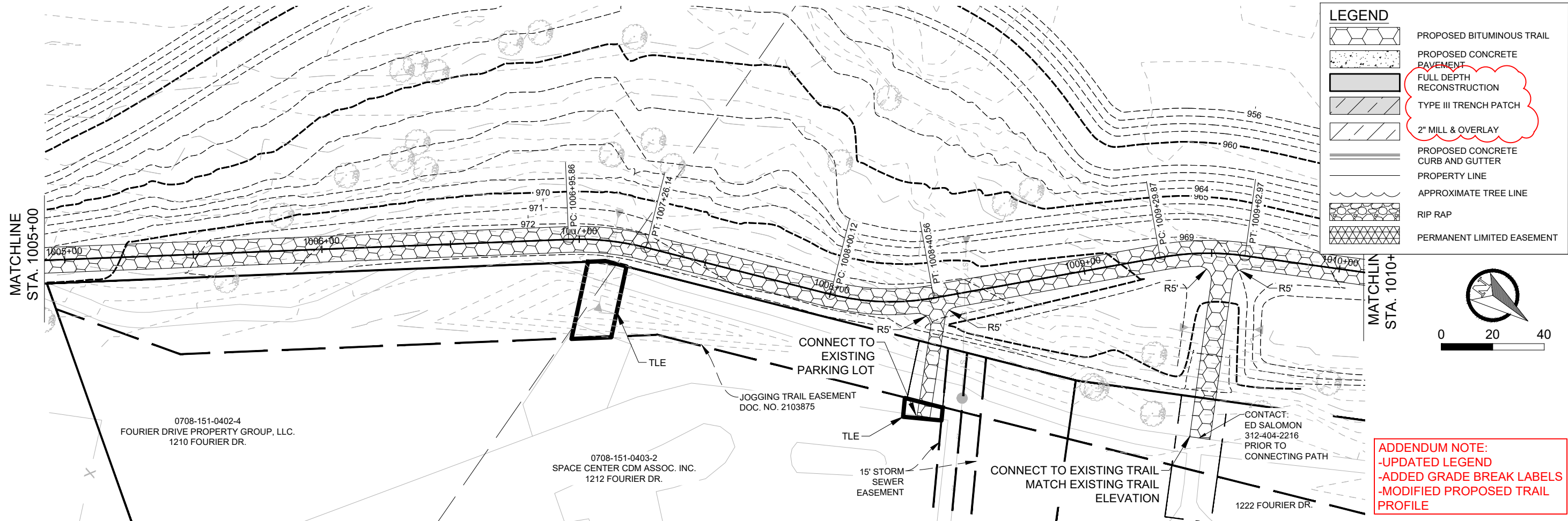


REVISION NO. 2

1. UPDATED EAST TRAIL ALIGNMENT AND PROFILE AT EXCELSIOR BOULEVARD CONNECTION.

2. ADDED CURB RAMP SPOT ELEVATIONS AT EXCELSIOR BOULEVARD.





GREENWAY EAST SIDE TRAIL

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

P10

14370

MADISON, WI

CONTRACT NO: 9517

BY

DATE

REVISION

DATE

DESIGNED BY

DATE

SCALE

AS SHOWN

MARK

14370

P10

LEGEND

PROPOSED BITUMINOUS TRAIL

PROPOSED CONCRETE PAVEMENT

FULL DEPTH RECONSTRUCTION

TYPE III TRENCH PATCH

2" MILL & OVERLAY

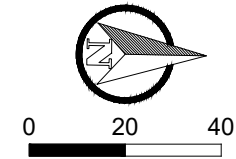
PROPOSED CONCRETE CURB AND GUTTER

PROPERTY LINE

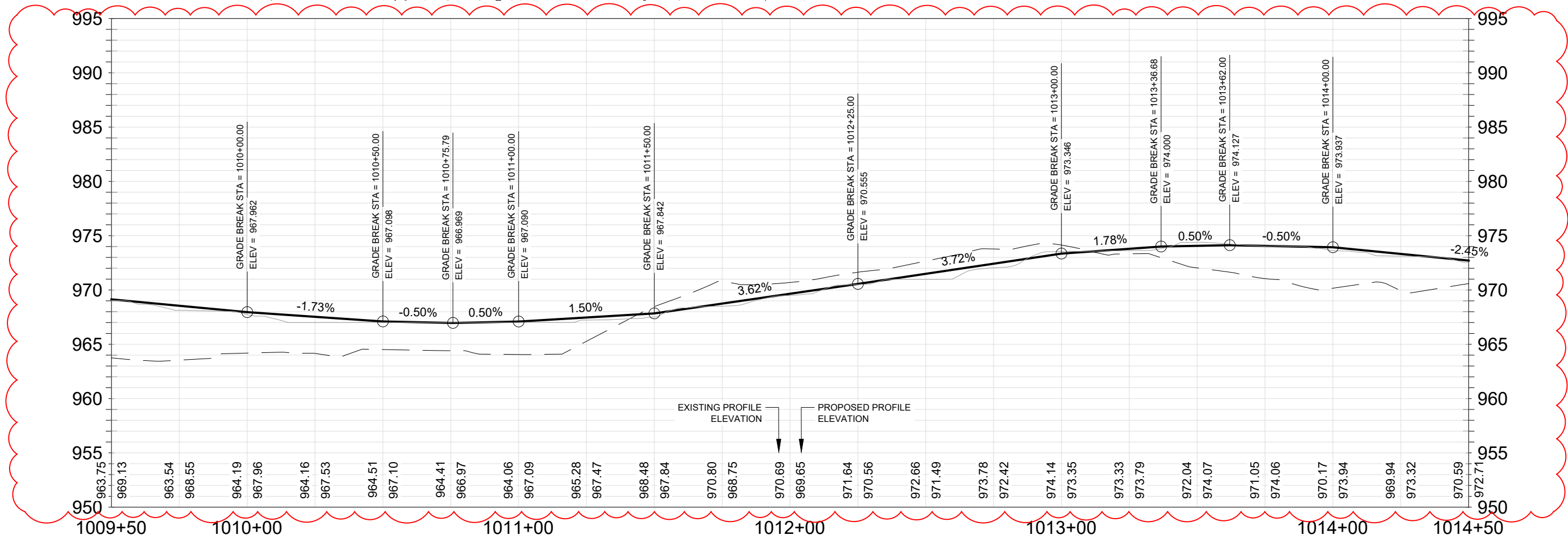
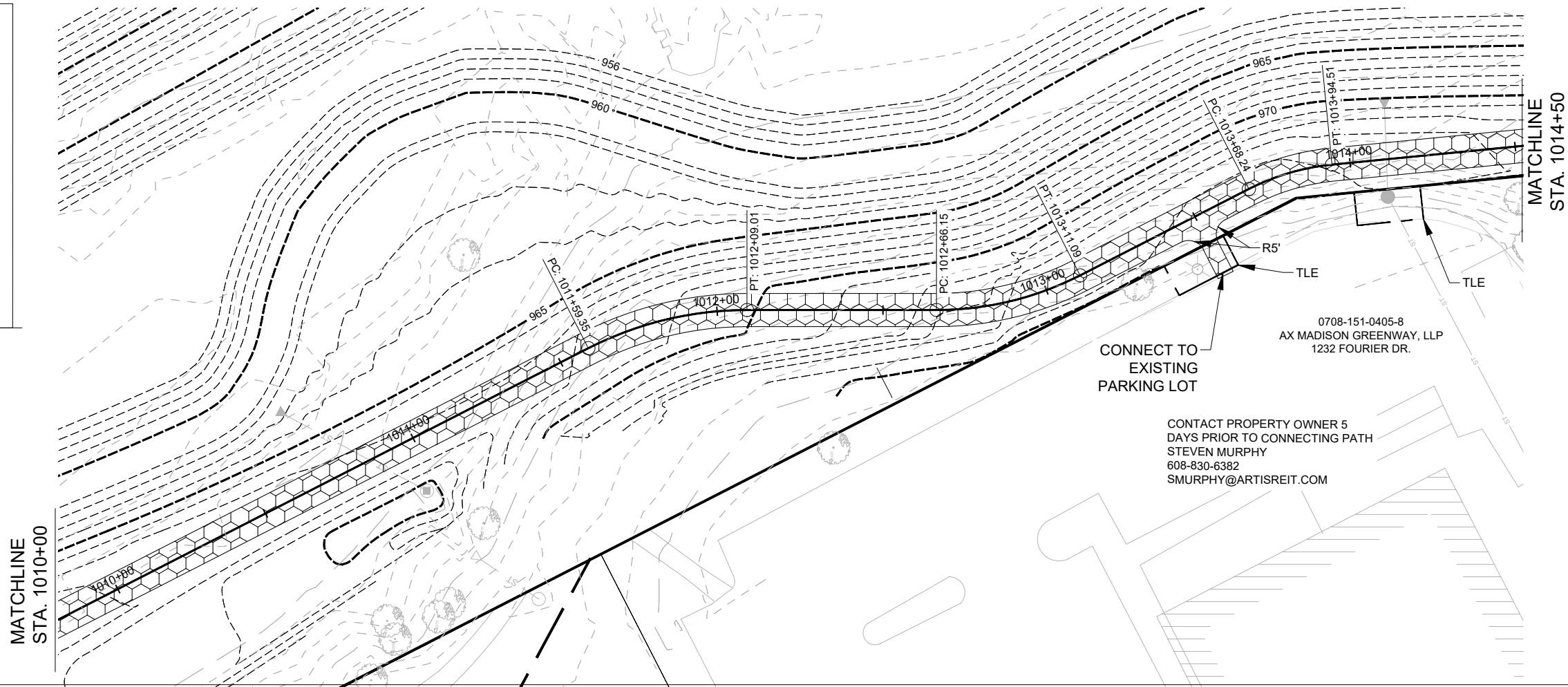
APPROXIMATE TREE LINE

RIP RAP

PERMANENT LIMITED EASEMENT



ADDENDUM NOTE:
-UPDATED LEGEND
-ADDED GRADE BREAK LABELS
-MODIFIED PROPOSED TRAIL PROFILE



14370

MADISON, WI

9517

GREENWAY EAST SIDE TRAIL

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

P11

14370

P11

DESIGNED BY: JPC

DATE: 11/6/2024 4:01 PM

REVISION

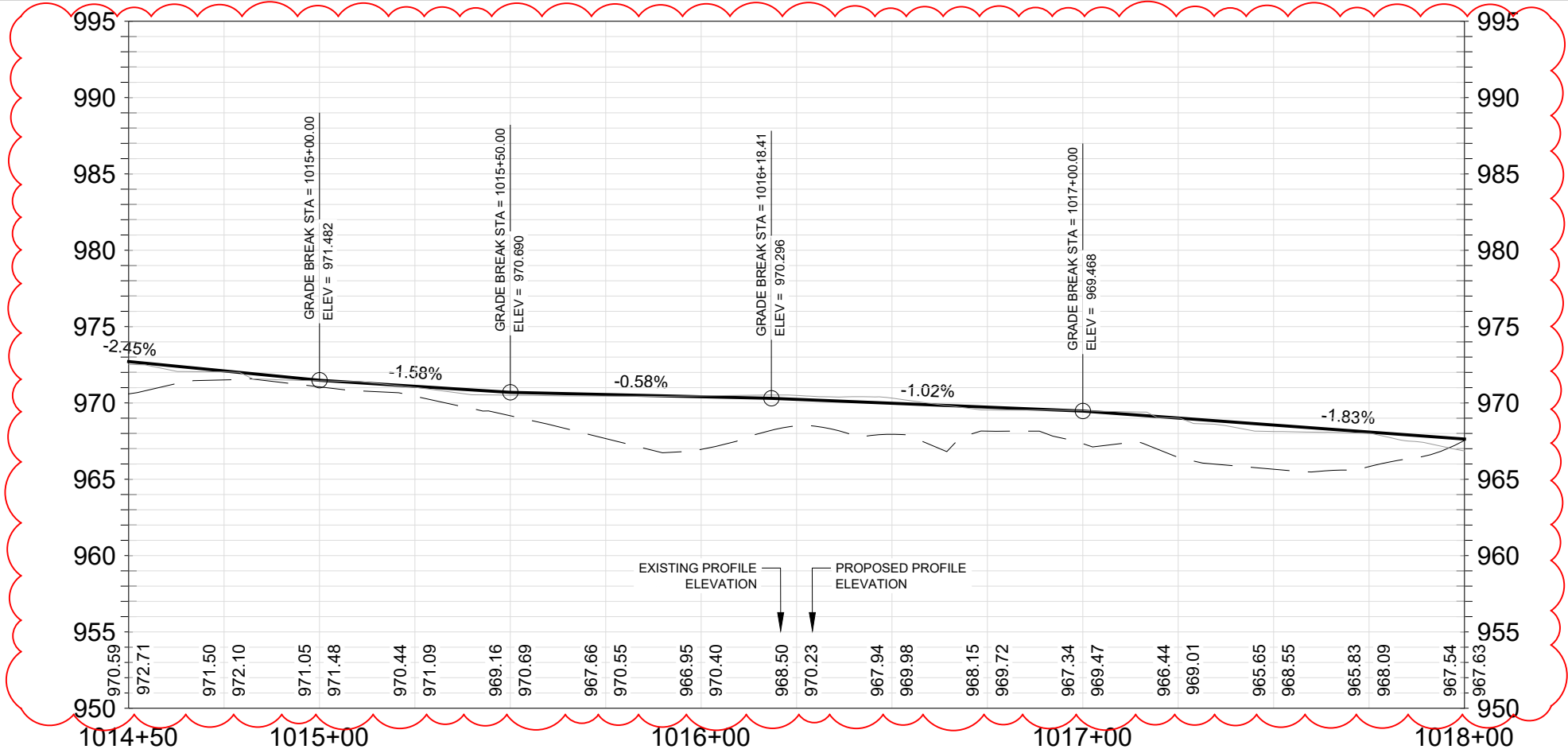
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Scale: AS SHOWN

14370

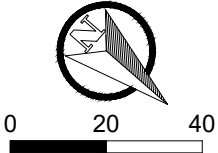
P11

ADDENDUM NOTE:
-UPDATED LEGEND
-ADDED GRADE BREAK LABELS
-MODIFIED PROPOSED TRAIL
PROFILE

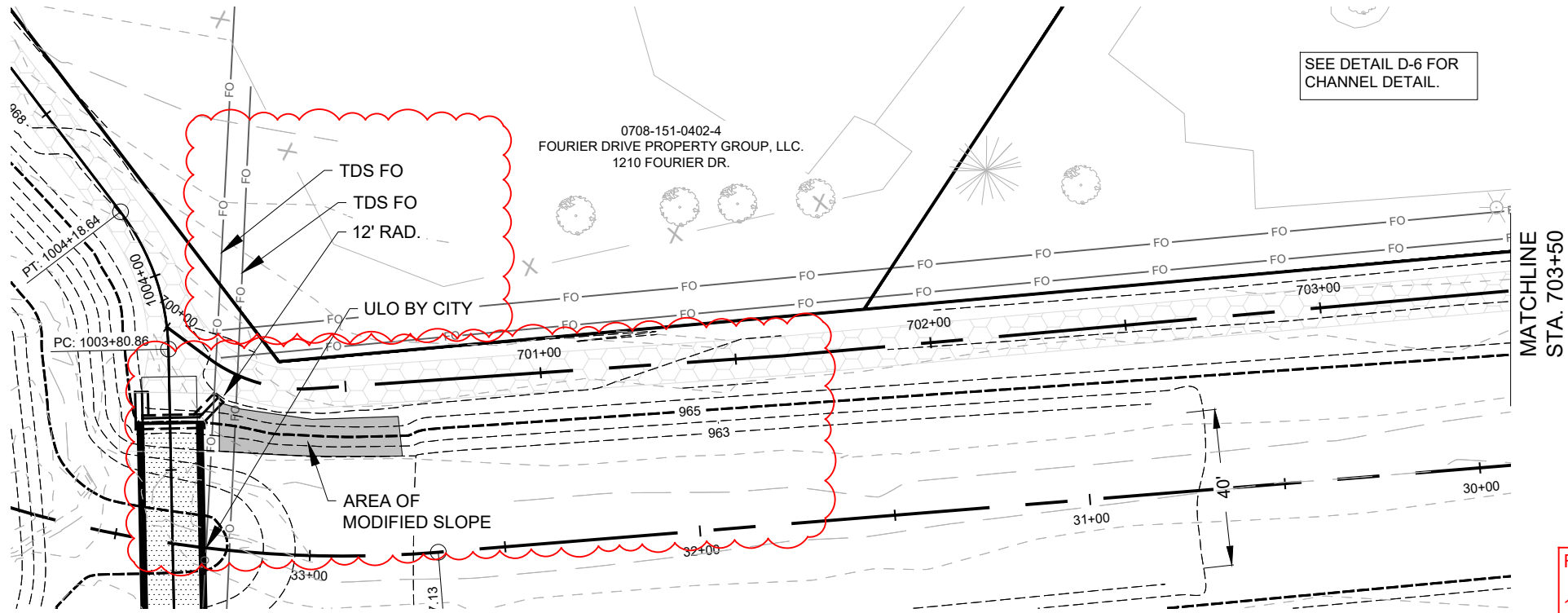


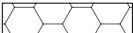
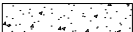
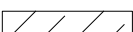
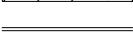
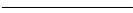
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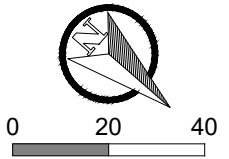
- PROPOSED BITUMINOUS TRAIL
- PROPOSED CONCRETE PAVEMENT
- FULL DEPTH RECONSTRUCTION
- TYPE III TRENCH PATCH
- 2" MILL & OVERLAY
- PROPOSED CONCRETE CURB AND GUTTER
- PROPERTY LINE
- APPROXIMATE TREE LINE
- RIP RAP
- PERMANENT LIMITED EASEMENT



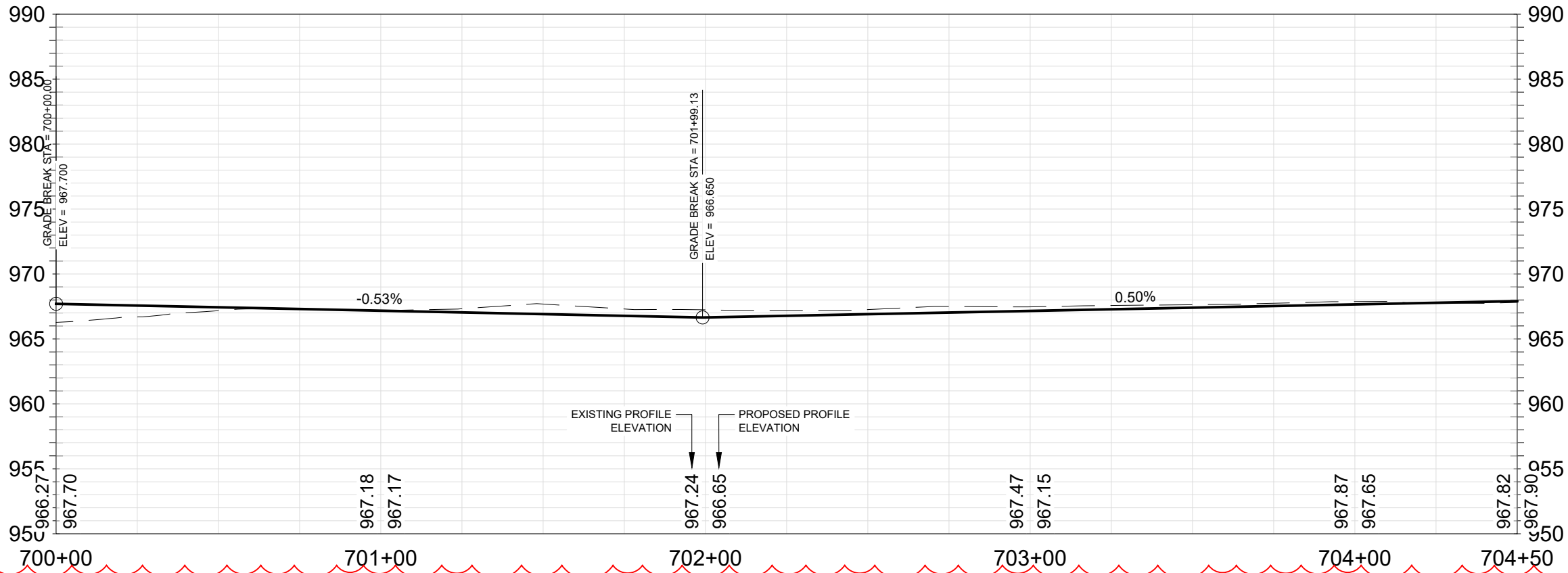
ADDENDUM NOTE:
-UPDATED LEGEND
-ADDED GRADE BREAK LABELS
-MODIFIED PROPOSED TRAIL
PROFILE
-ADDED PRIVATE UTILITY NOTES



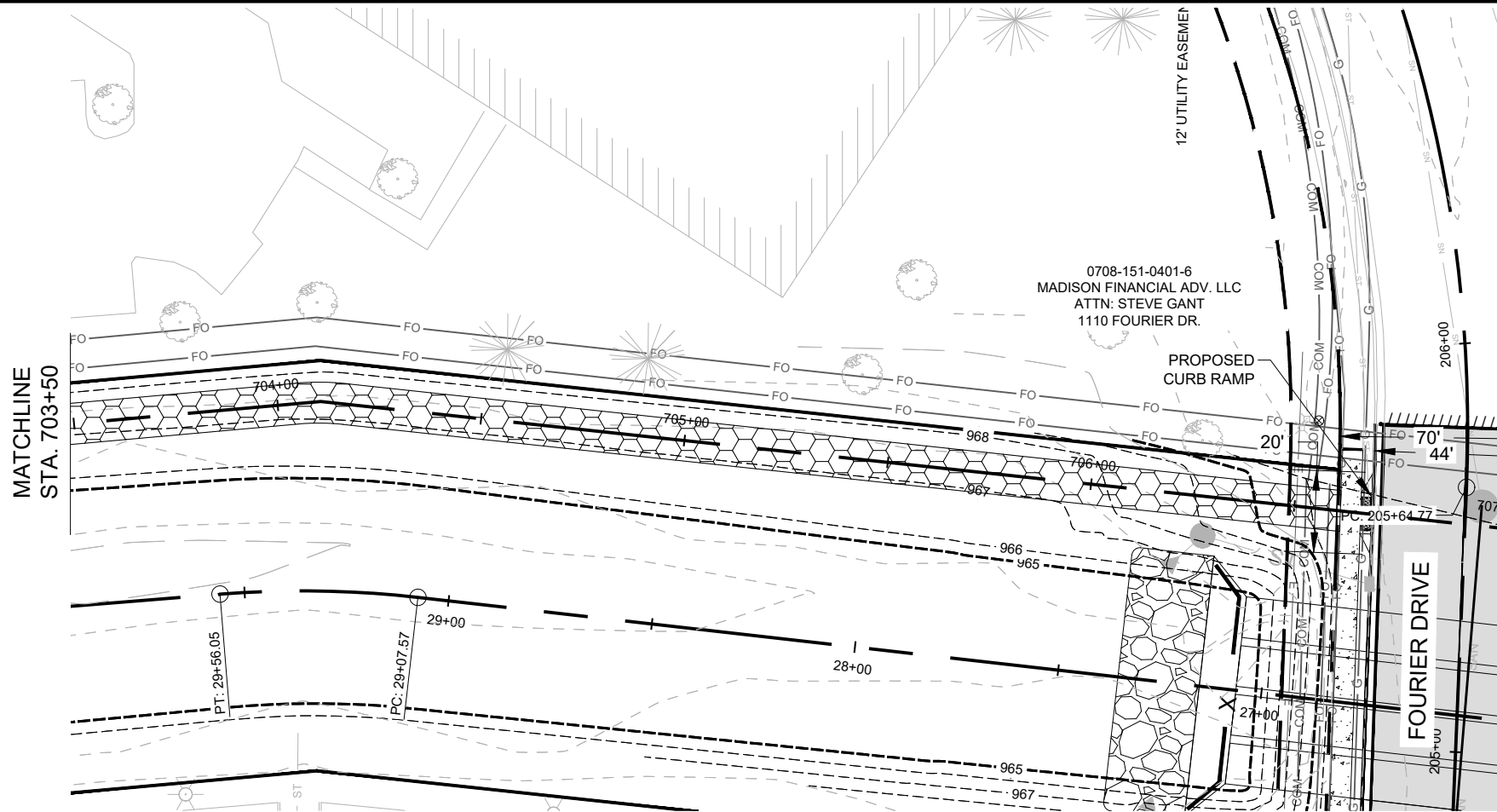
LEGEND	
	PROPOSED BITUMINOUS TRAIL
	PROPOSED CONCRETE PAVEMENT
	FULL DEPTH RECONSTRUCTION
	TYPE III TRENCH PATCH
	2" MILL & OVERLAY
	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
	APPROXIMATE TREE LINE
	RIP RAP
	PERMANENT LIMITED EASEMENT



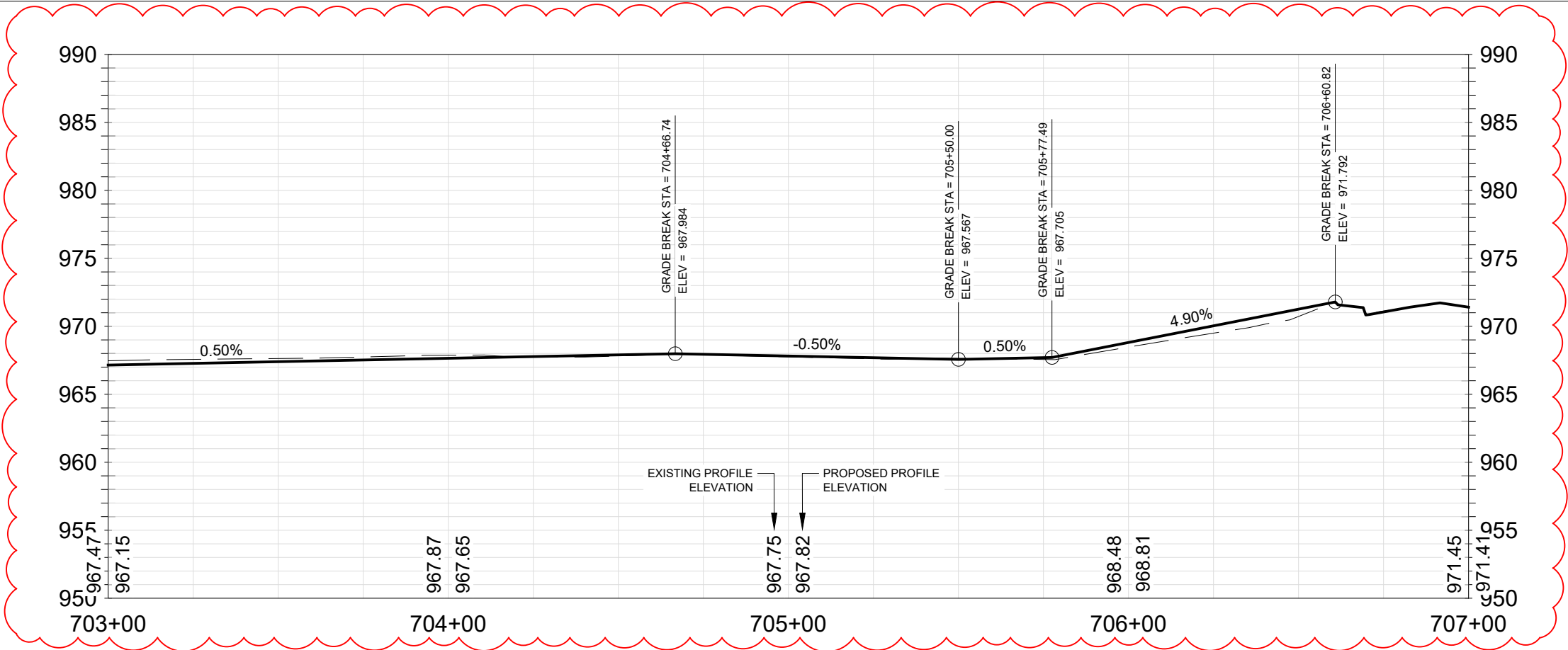
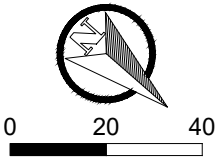
- REVISION NO. 2
1. UPDATED SOUTHEAST TRAIL ALIGNMENT.
 2. ADJUSTED GRADING AT SOUTHEAST BIKE PATH ON EAST SIDE OF PEDESTRIAN BRIDGE.
 3. ADDED AREA OF MODIFIED SLOPE.



ADDENDUM NOTE:
-UPDATED LEGEND
-ADDED GRADE BREAK LABELS
-MODIFIED PROPOSED TRAIL
PROFILE



LEGEND	
	PROPOSED BITUMINOUS TRAIL
	PROPOSED CONCRETE PAVEMENT
	FULL DEPTH RECONSTRUCTION
	TYPE III TRENCH PATCH
	2" MILL & OVERLAY
	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
	APPROXIMATE TREE LINE
	RIP RAP
	PERMANENT LIMITED EASEMENT



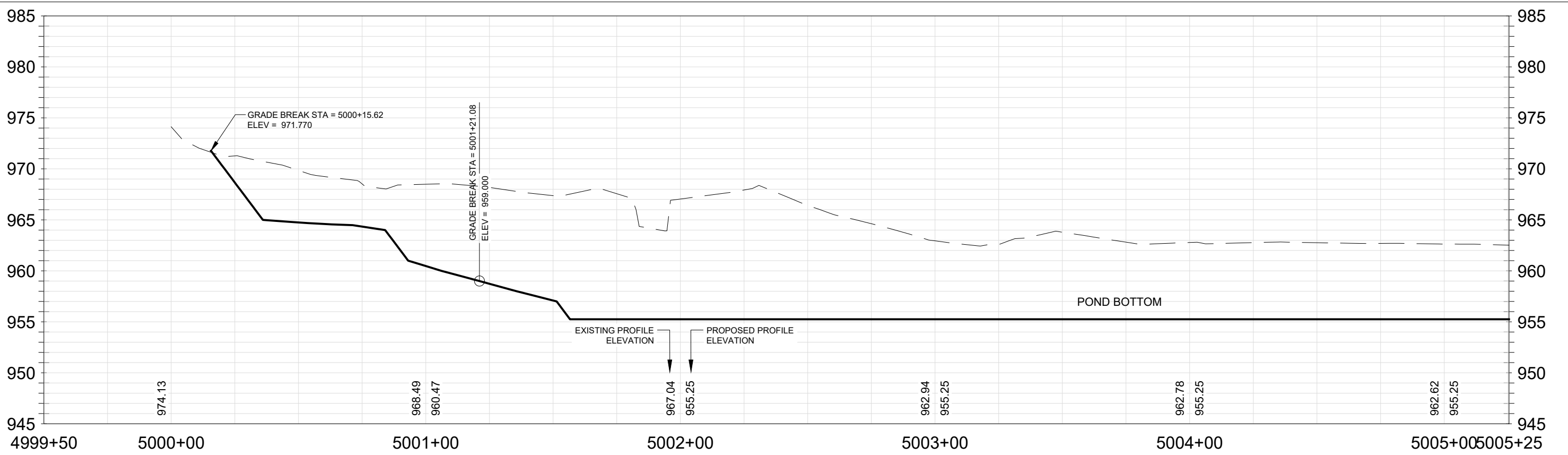


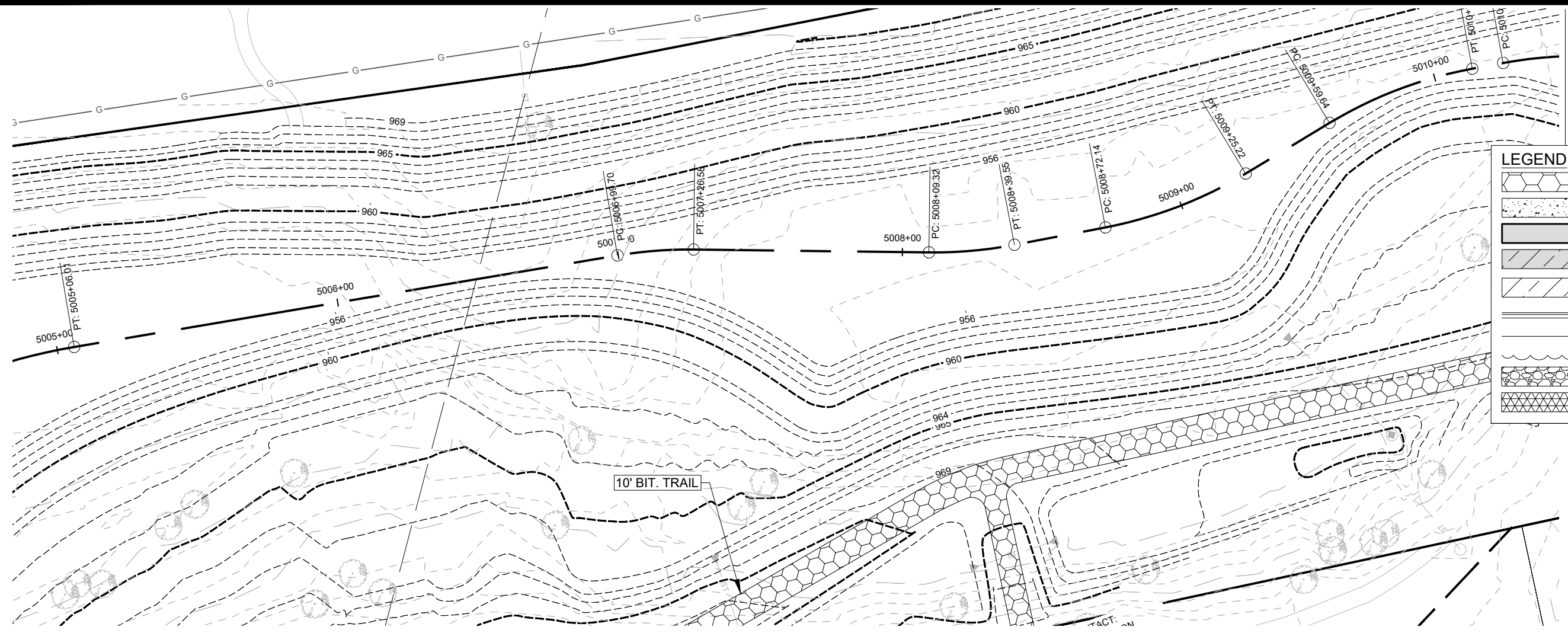
LEGEND

- PROPOSED BITUMINOUS TRAIL
- PROPOSED CONCRETE PAVEMENT
- FULL DEPTH RECONSTRUCTION
- TYPE III TRENCH PATCH
- 2" MILL & OVERLAY
- PROPOSED CONCRETE CURB AND GUTTER
- PROPERTY LINE
- APPROXIMATE TREE LINE
- RIP RAP
- PERMANENT LIMITED EASEMENT

ADDENDUM NOTE:
-UPDATED LEGEND

MATCHLINE
STA. 5005+25



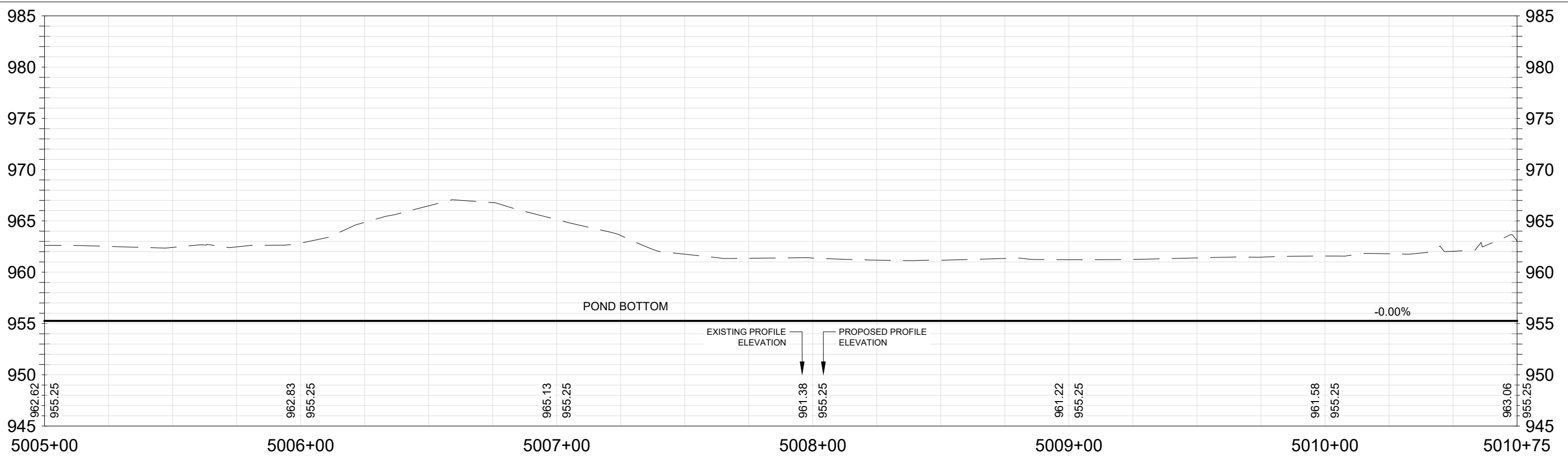
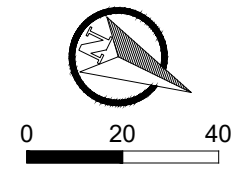


MATCHLINE
STA. 5010+25

ADDENDUM NOTE:
-UPDATED LEGEND

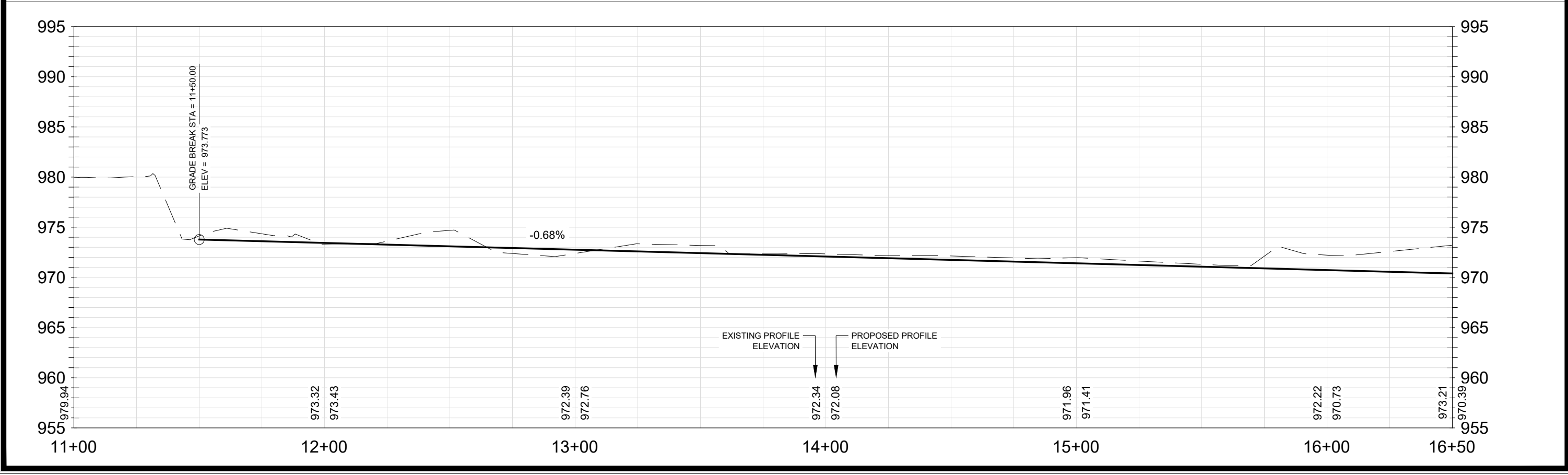
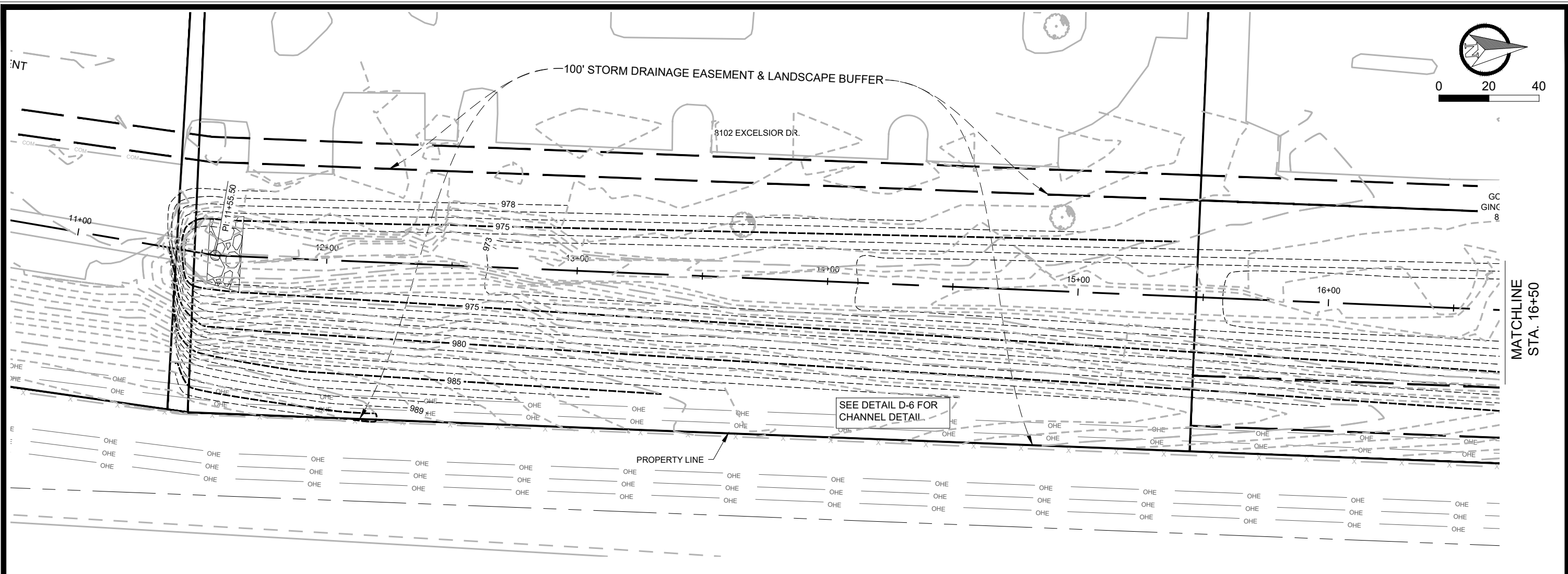
LEGEND

- PROPOSED BITUMINOUS TRAIL
- PROPOSED CONCRETE PAVEMENT
- FULL DEPTH RECONSTRUCTION
- TYPE III TRENCH PATCH
- 2" MILL & OVERLAY
- PROPOSED CONCRETE CURB AND GUTTER
- PROPERTY LINE
- APPROXIMATE TREE LINE
- RIP RAP
- PERMANENT LIMITED EASEMENT



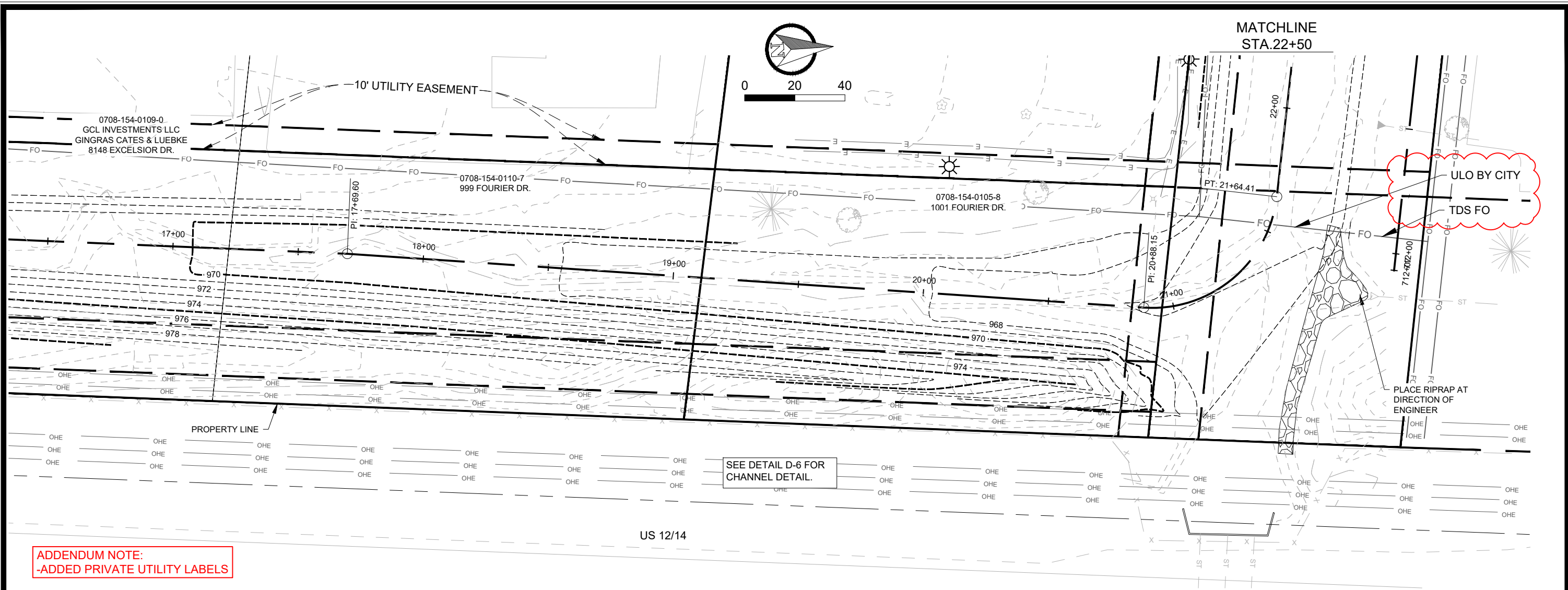
14370	MADISON, WI	9517
CONTRACT NO:		
GREENWAY PROFILE		
PHEASANT BRANCH GREENWAY ENHANCEMENT		
CITY OF MADISON WISCONSIN		
14370	P17	

DESIGNED BY: JPC
DATE: 11/16/2024 4:39 PM
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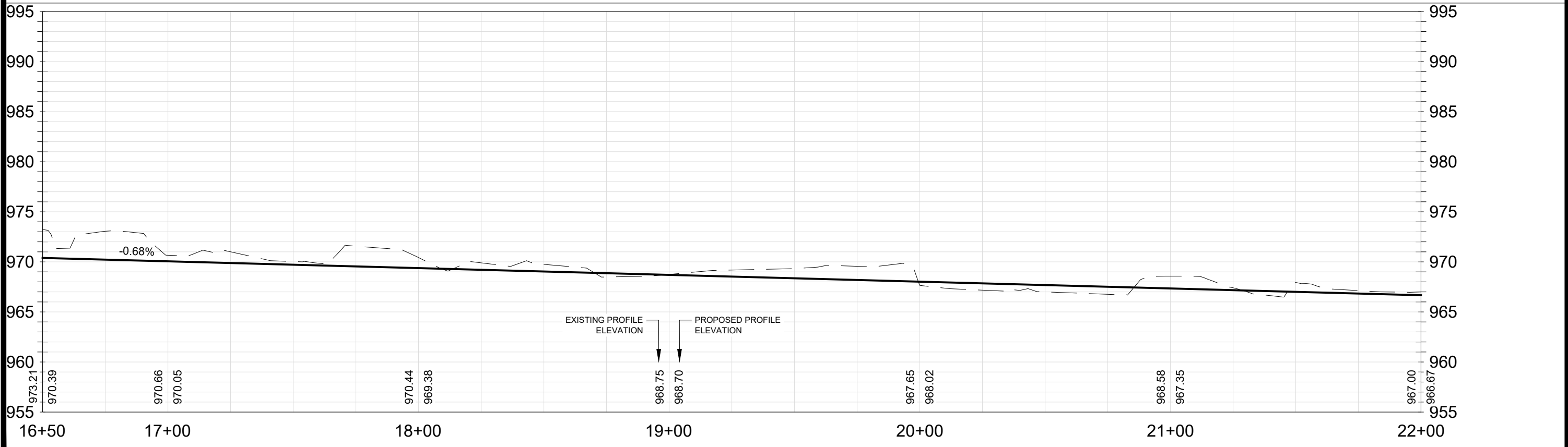


	CHANNEL PROFILE		14370
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI
			CONTRACT NO: 9517
			P20

Designed By: JPC
Date: 10/16/2024 12:26 PM
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14370

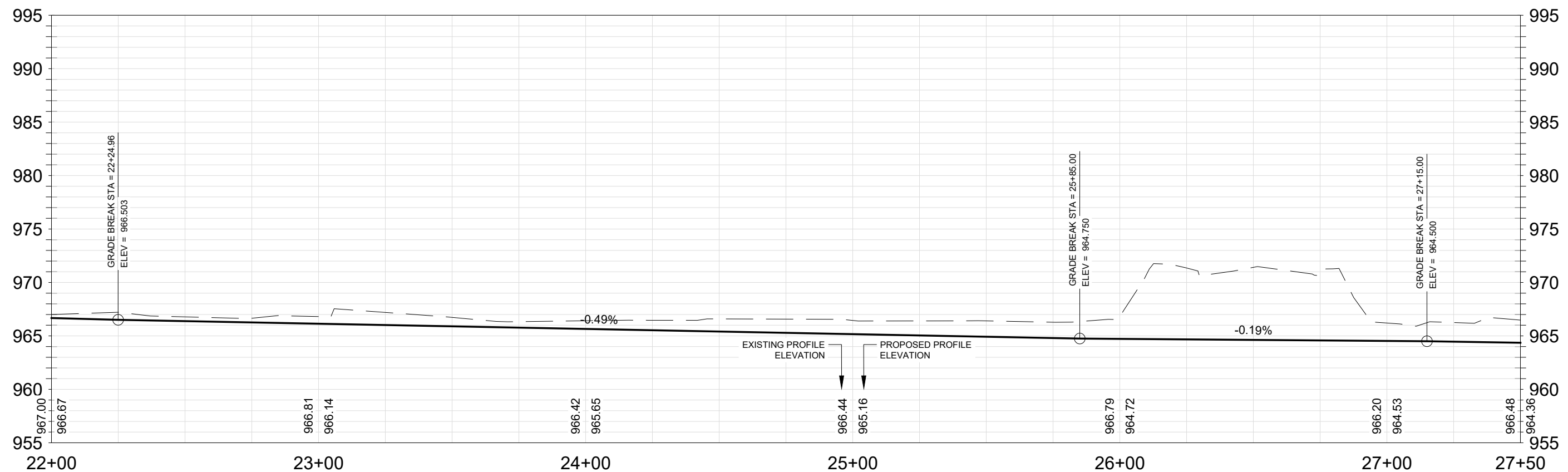
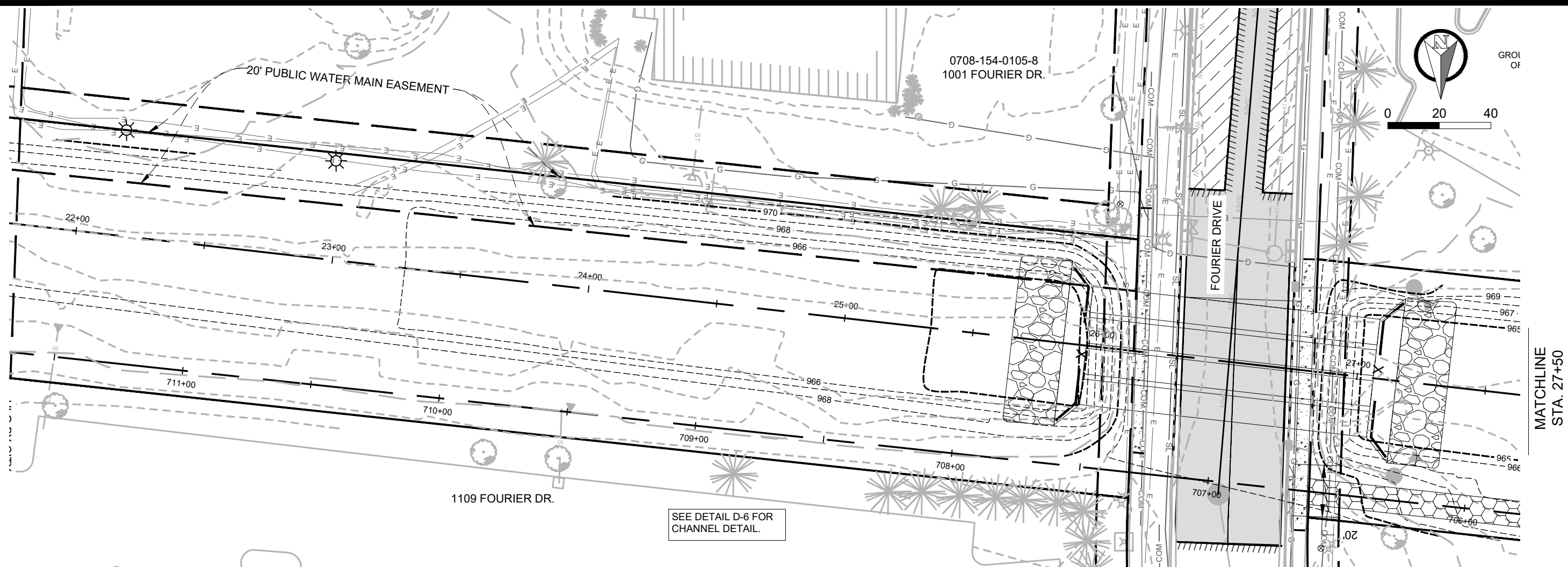


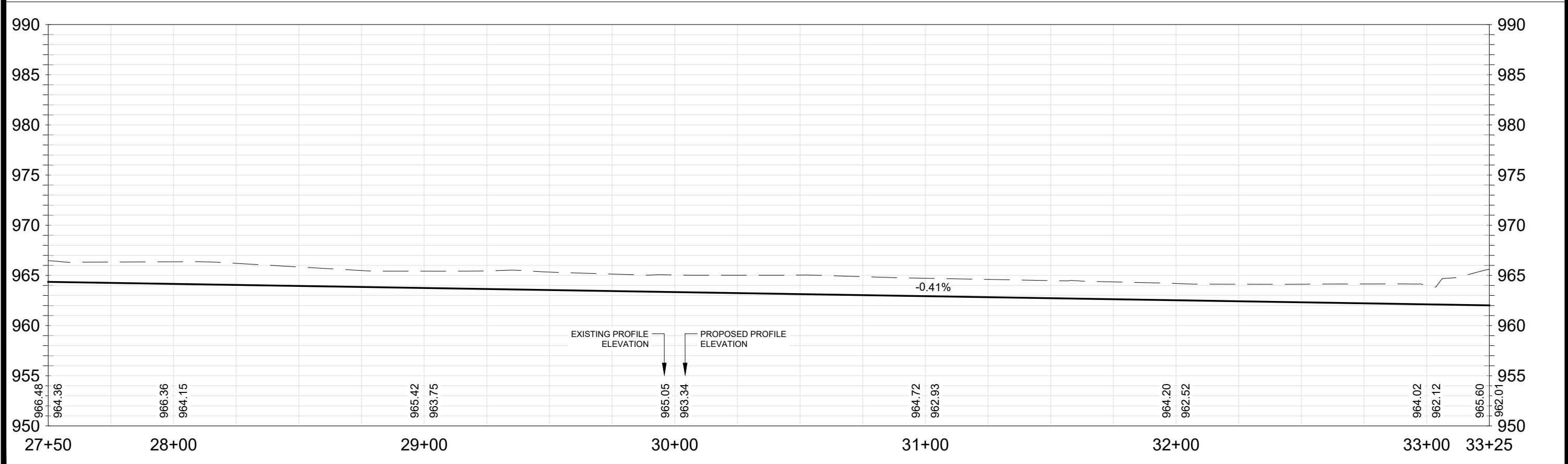
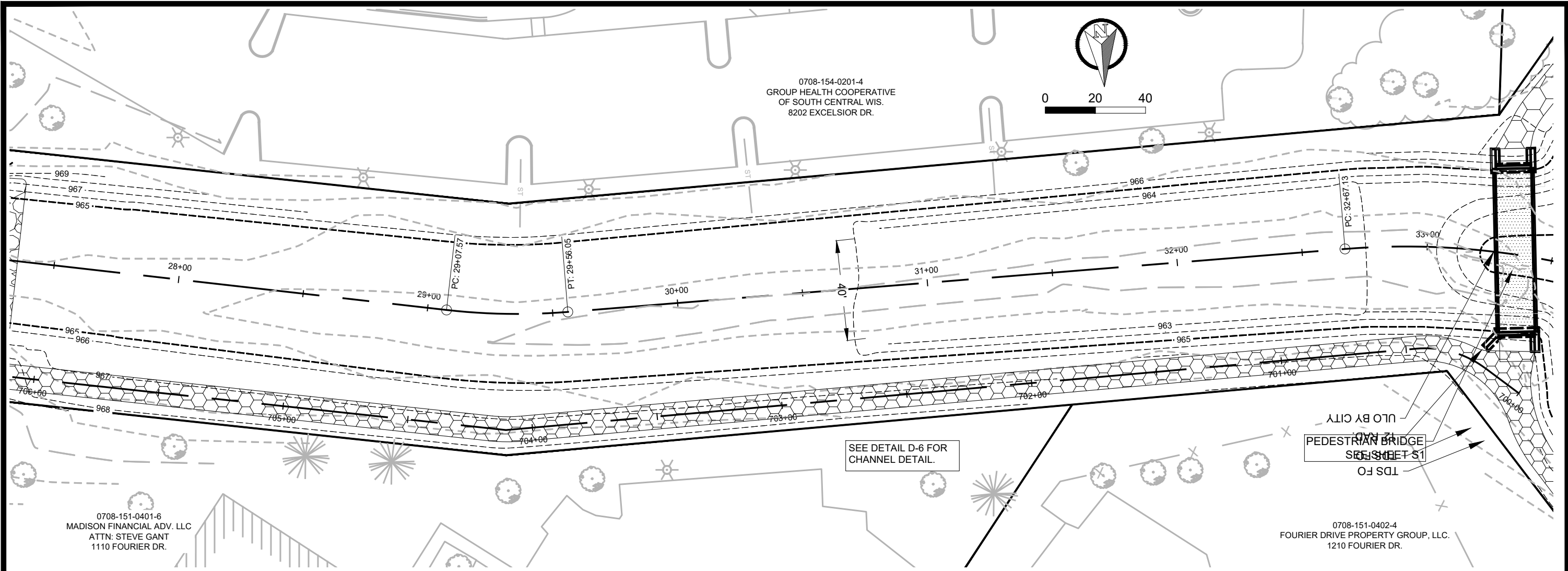
ADDENDUM NOTE:
-ADDED PRIVATE UTILITY LABELS



	14370		P21	
	CHANNEL PROFILE			
	PHEASANT BRANCH GREENWAY ENHANCEMENT			
	MADISON, WI			
14370		9517		
CONTRACT NO:		14370		
DESIGNED BY: JPC		DATE: 11/16/2024 4:03 PM		
REVISION		BY		
DATE		BY		
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	CHANNEL PROFILE		14370
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI
	CONTRACT NO: 9517		14370
	P23		P23

Designed By: JPC
Date: 10/16/2024 12:27 PM
Scale: AS SHOWN

REVISION
MARK
DATE
BY

0708-151-0401-6
MADISON FINANCIAL ADV. LLC
ATTN: STEVE GANT
1110 FOURIER DR.

0708-154-0201-4
GROUP HEALTH COOPERATIVE
OF SOUTH CENTRAL WIS.
8202 EXCELSIOR DR.

0708-151-0402-4
FOURIER DRIVE PROPERTY GROUP, LLC.
1210 FOURIER DR.

SEE DETAIL D-6 FOR
CHANNEL DETAIL.

PEDESTRIAN BRIDGE
OVER PHEASANT
CREEK
TDS FOR
SHEET S1
ULB BY CITY

0
20
40

0
20
40

27+50 28+00 29+00 30+00 31+00 32+00 33+00 33+25

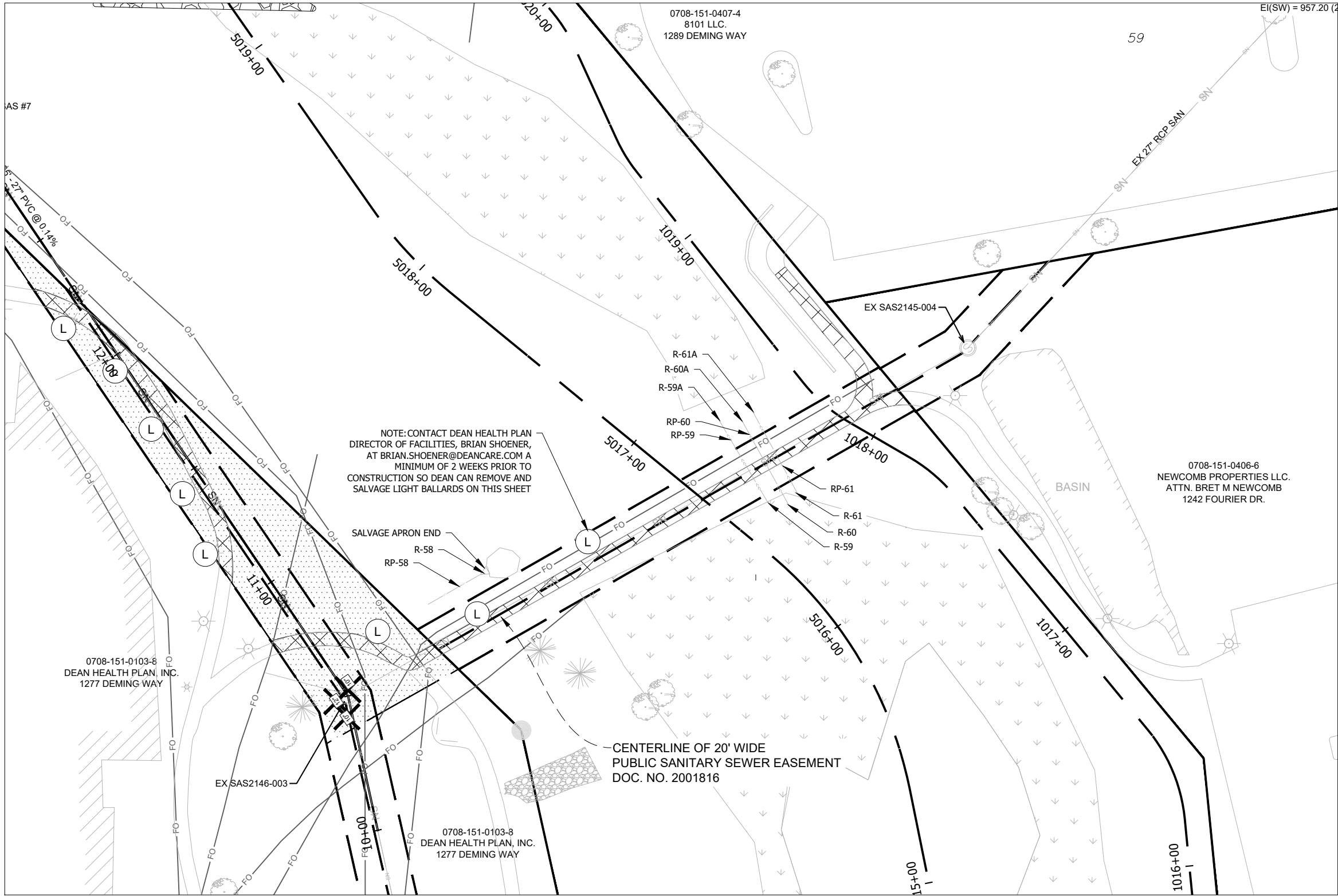
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950 955 960 965 970 975 980 985 990

EXISTING PROFILE ELEVATION
PROPOSED PROFILE ELEVATION

-0.41%

966.48 964.36 966.36 964.15 965.42 963.75 965.05 963.34 964.72 962.93 964.20 962.52 964.02 962.12 965.60 962.01



LEGEND

ST

SN

10\"/>

ST

SN

10\"/>

PROPOSED STORM PIPE

PROPOSED SANITARY PIPE

PROPOSED WATERMAIN LOWERING

PROPOSED GATE VALVE

PROPOSED STORM STRUCTURE

PROPOSED SANITARY STRUCTURE

EXISTING PROPERTY IRON FOUND

EXISTING STORM PIPE

EXISTING SANITARY PIPE

EXISTING WATERMAIN

EXISTING STORM STRUCTURE

EXISTING SANITARY STRUCTURE

EXISTING GATE VALVE

REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)

REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)

REMOVE CONCRETE PAVEMENT (FULL DEPTH)

2\"/>

TYPE III TRENCH PATCH

TEMPORARY EASEMENT

PERMANENT EASEMENT

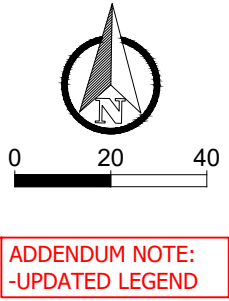
WETLAND

REMOVE AND REPLACE CONCRETE CURB AND GUTTER

SAWCUT PAVEMENT (FULL DEPTH)

REMOVE TREE AND DBH

LIGHT POLE (SEE PLAN NOTE)



- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
 3. STORM OUTLET STRUCTURES OVER 12\"/>

GREENWAY TRAIL REMOVAL

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

P24

14370

MADISON, WI

9517

CONTRACT NO:

BY

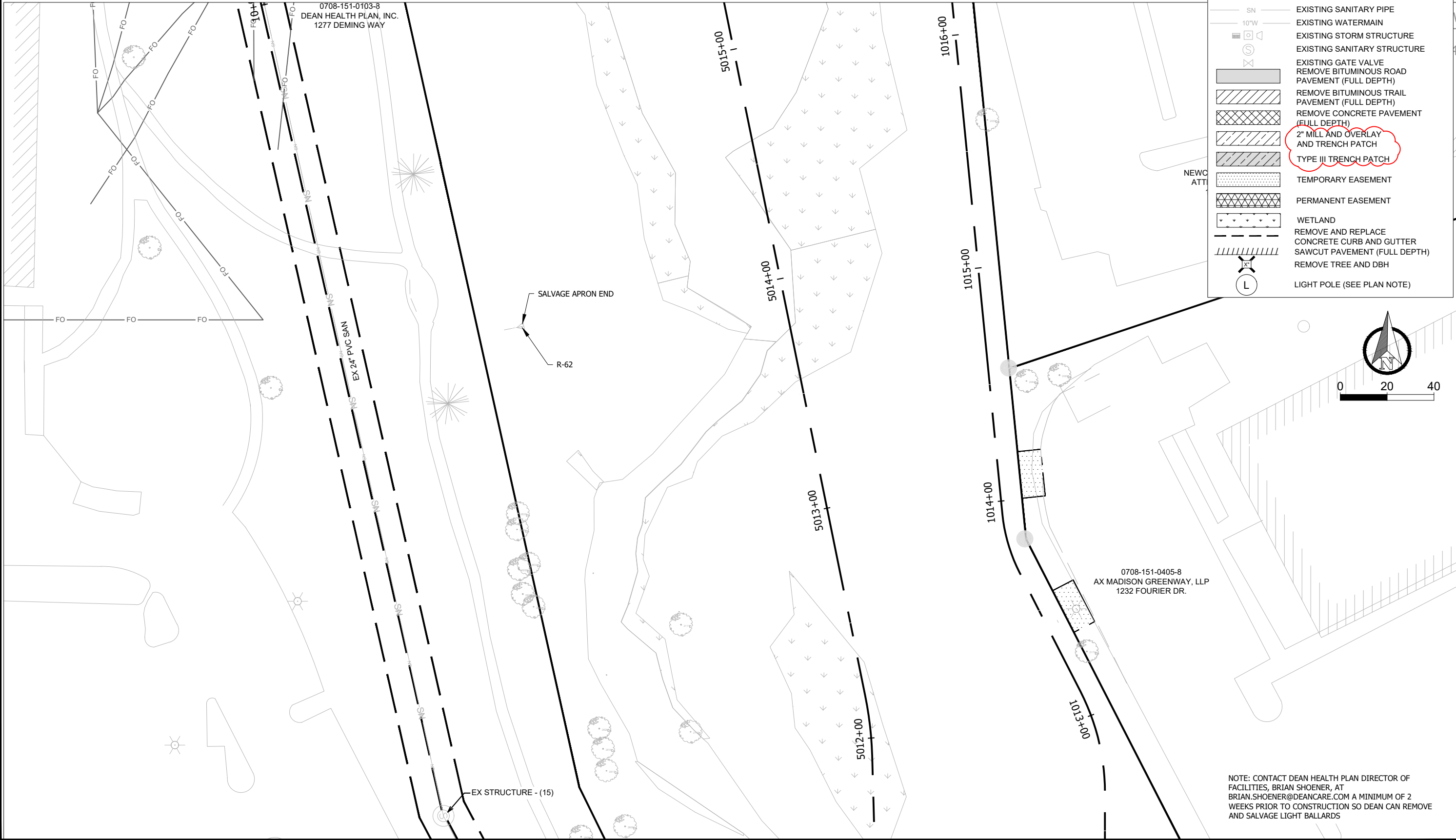
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REVISION

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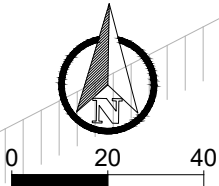
P24



ADDENDUM NOTE:
-UPDATED LEGEND

LEGEND

ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)



NOTE: CONTACT DEAN HEALTH PLAN DIRECTOR OF FACILITIES, BRIAN SHOENER, AT BRIAN.SHOENER@DEANCARE.COM A MINIMUM OF 2 WEEKS PRIOR TO CONSTRUCTION SO DEAN CAN REMOVE AND SALVAGE LIGHT BALLARDS

GREENWAY TRAIL REMOVAL

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

P25

14370

MADISON, WI

9517

CONTRACT NO:

14370

P25

BY

DATE

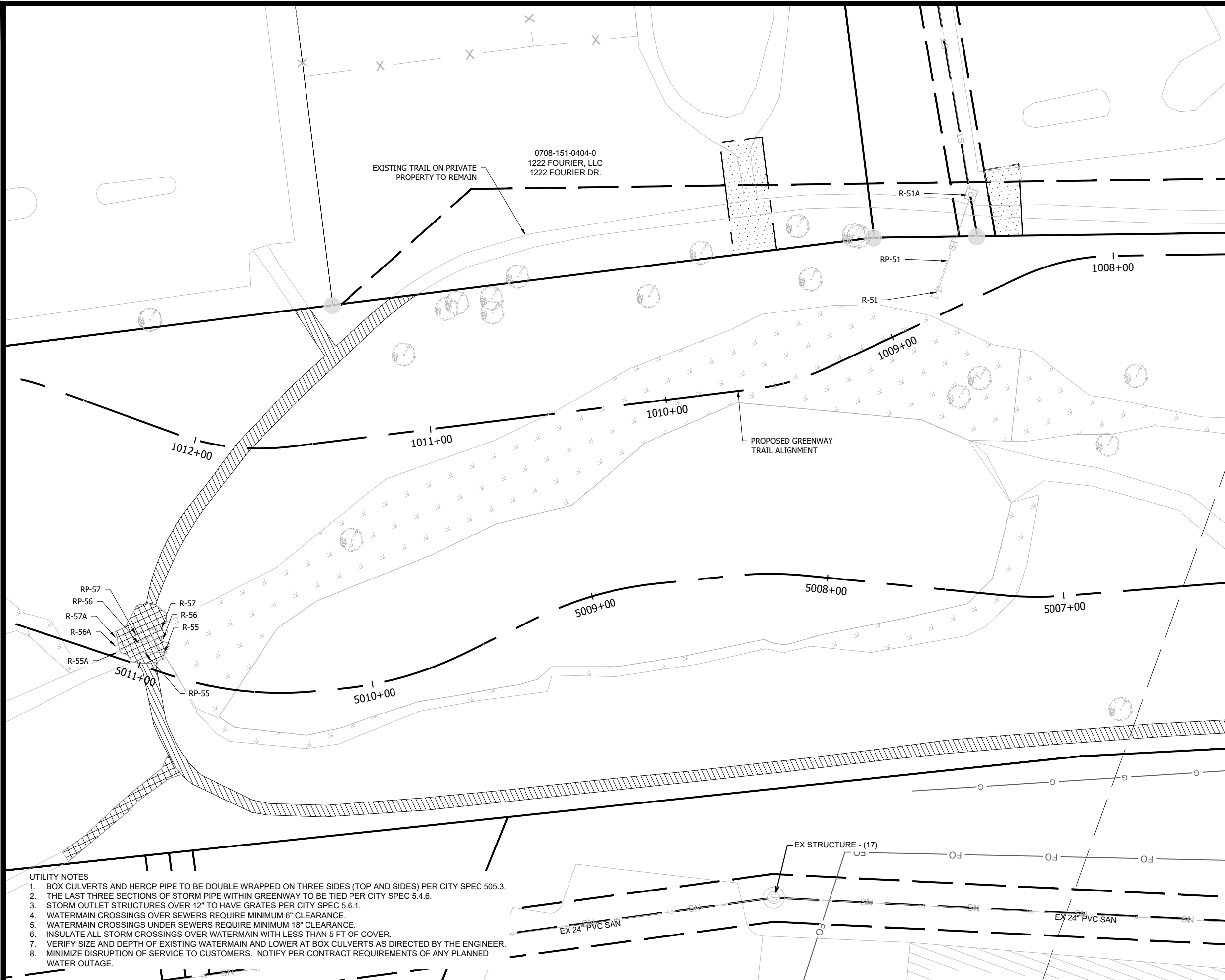
REVISION

DESIGNED BY

DATE

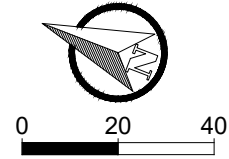
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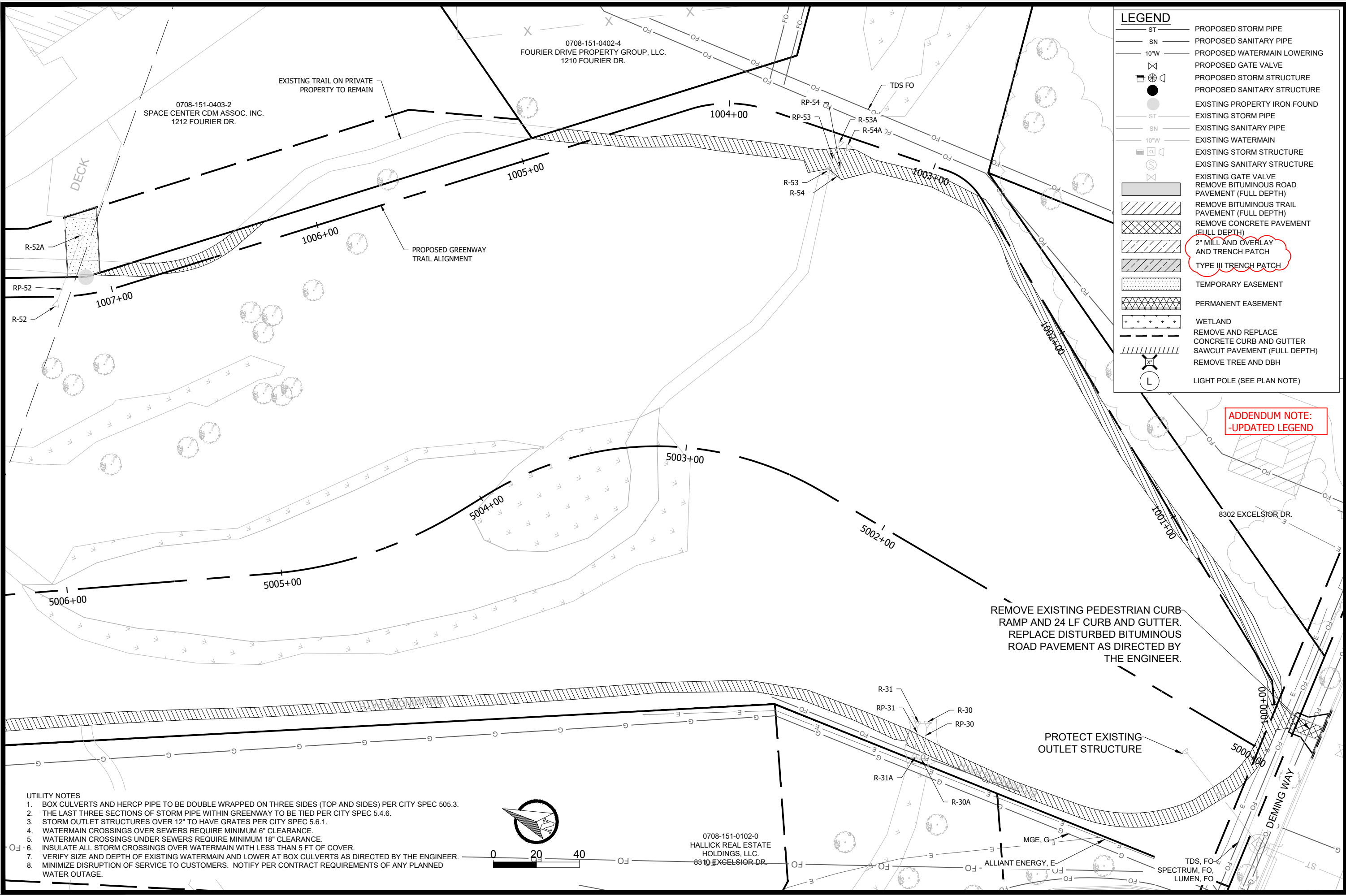
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)



ADDENDUM NOTE:
-UPDATED LEGEND

- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
 3. STORM OUTLET STRUCTURES OVER 12" TO HAVE GRATES PER CITY SPEC 5.6.1.
 4. WATERMAIN CROSSINGS OVER SEWERS REQUIRE MINIMUM 6" CLEARANCE.
 5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.

GREENWAY TRAIL REMOVAL PHEASANT BRANCH GREENWAY ENHANCEMENT	14370	MADISON, WI	9517	CONTRACT NO:
	Z:\Clients\A_D\City_of_Madison\Present_Branch_Greenway_Enhancement\Engineering\Plan Sheets\2023.0227 Utility Plan.dwg			
	CITY OF MADISON WISCONSIN			
14370		P26		



LEGEND

ST

SN

10"W

ST

SN

10"W

PROPOSED STORM PIPE

PROPOSED SANITARY PIPE

PROPOSED WATERMAIN LOWERING

PROPOSED GATE VALVE

PROPOSED STORM STRUCTURE

PROPOSED SANITARY STRUCTURE

EXISTING PROPERTY IRON FOUND

EXISTING STORM PIPE

EXISTING SANITARY PIPE

EXISTING WATERMAIN

EXISTING STORM STRUCTURE

EXISTING SANITARY STRUCTURE

EXISTING GATE VALVE

REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)

REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)

REMOVE CONCRETE PAVEMENT (FULL DEPTH)

2" MILL AND OVERLAY AND TRENCH PATCH

TYPE III TRENCH PATCH

TEMPORARY EASEMENT

PERMANENT EASEMENT

WETLAND

REMOVE AND REPLACE CONCRETE CURB AND GUTTER

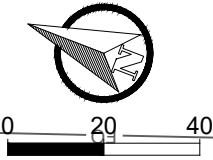
SAWCUT PAVEMENT (FULL DEPTH)

REMOVE TREE AND DBH

LIGHT POLE (SEE PLAN NOTE)

ADDENDUM NOTE:
-UPDATED LEGEND

- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
 3. STORM OUTLET STRUCTURES OVER 12" TO HAVE GRATES PER CITY SPEC 5.6.1.
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 5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.



0708-151-0102-0
HALLICK REAL ESTATE
HOLDINGS, LLC.
8310 EXCELSIOR DR.

14370

MADISON, WI

9517

CONTRACT NO:

GREENWAY TRAIL REMOVAL

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

P27

BY

DATE

REVISION

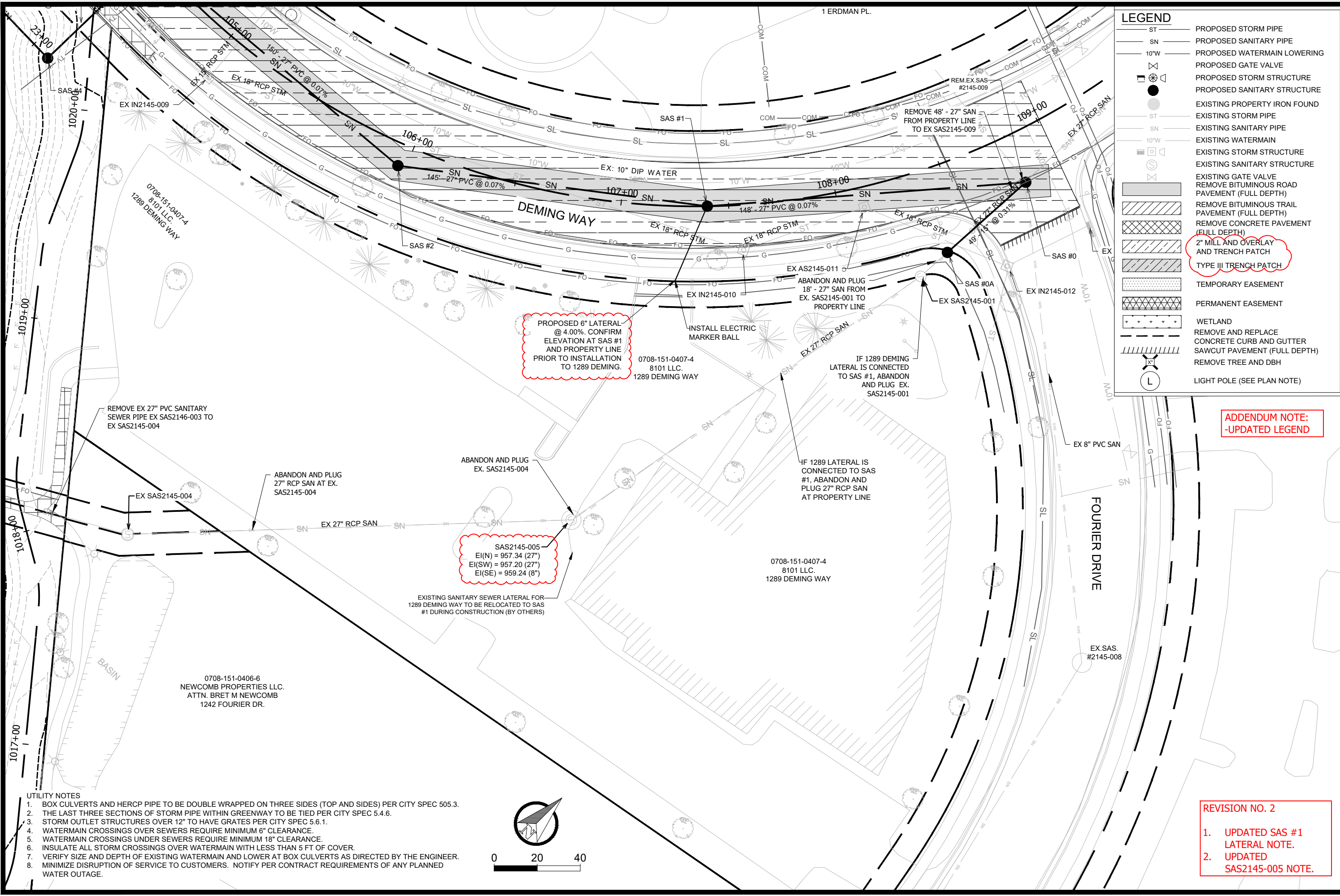
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Date: 11/6/2024 4:04 PM

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P27



LEGEND			
ST	PROPOSED STORM PIPE		
SN	PROPOSED SANITARY PIPE		
10"W	PROPOSED WATERMAIN LOWERING		
	PROPOSED GATE VALVE		
	PROPOSED STORM STRUCTURE		
	PROPOSED SANITARY STRUCTURE		
	EXISTING PROPERTY IRON FOUND		
ST	EXISTING STORM PIPE		
SN	EXISTING SANITARY PIPE		
10"W	EXISTING WATERMAIN		
	EXISTING STORM STRUCTURE		
	EXISTING SANITARY STRUCTURE		
	EXISTING GATE VALVE		
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)		
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)		
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)		
	2" MILL AND OVERLAY AND TRENCH PATCH		
	TYPE III TRENCH PATCH		
	TEMPORARY EASEMENT		
	PERMANENT EASEMENT		
	WETLAND REMOVE AND REPLACE CONCRETE CURB AND GUTTER SAWCUT PAVEMENT (FULL DEPTH)		
	REMOVE TREE AND DBH		
	LIGHT POLE (SEE PLAN NOTE)		

14370

MADISON, WI

9517

CONTRACT NO:

ABANDON SANITARY SEWER

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

U1

2	SANITARY SEWER REVISIONS	4/4/25	BB
	REVISION	DATE	BY
	Designed By: JPC	Date: 4/4/2025 1:51 PM	Scale: AS SHOWN
	14370		U1

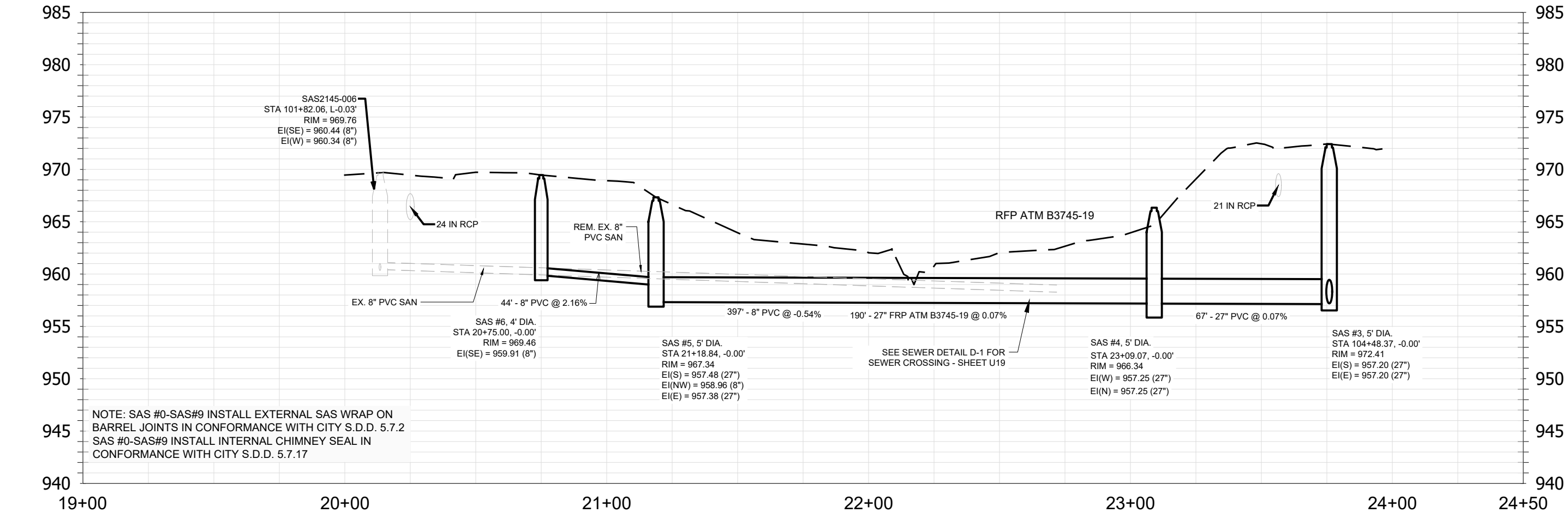
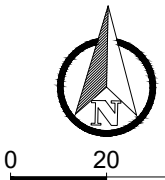
UTILITY NOTES

- BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
- THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
- STORM OUTLET STRUCTURES OVER 12" TO HAVE GATE PER CITY SPEC 5.6.1.
- WATERMAIN CROSSINGS OVER SEWERS REQUIRE MINIMUM 6" CLEARANCE.
- WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
- INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
- VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
- MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
- CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK.
Jbelshaw@madisonwater.org 608-206-3856

ADDENDUM NOTE:
-REVISED UTILITY LABELS
-UPDATED BID ITEM NUMBER
-UPDATE LEGEND

LEGEND

- ST PROPOSED STORM PIPE
- SN PROPOSED SANITARY PIPE
- 10"W PROPOSED WATERMAIN LOWERING
- PROPOSED GATE VALVE
- PROPOSED STORM STRUCTURE
- PROPOSED SANITARY STRUCTURE
- EXISTING PROPERTY IRON FOUND
- ST EXISTING STORM PIPE
- SN EXISTING SANITARY PIPE
- 10"W EXISTING WATERMAIN
- EXISTING STORM STRUCTURE
- EXISTING SANITARY STRUCTURE
- EXISTING GATE VALVE
- REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
- REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
- REMOVE CONCRETE PAVEMENT (FULL DEPTH)
- 2" MILL AND OVERLAY AND TRENCH PATCH
- TYPE III TRENCH PATCH
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- WETLAND
- REMOVE AND REPLACE CONCRETE CURB AND GUTTER
- SAWCUT PAVEMENT (FULL DEPTH)
- REMOVE TREE AND DBH
- LIGHT POLE (SEE PLAN NOTE)

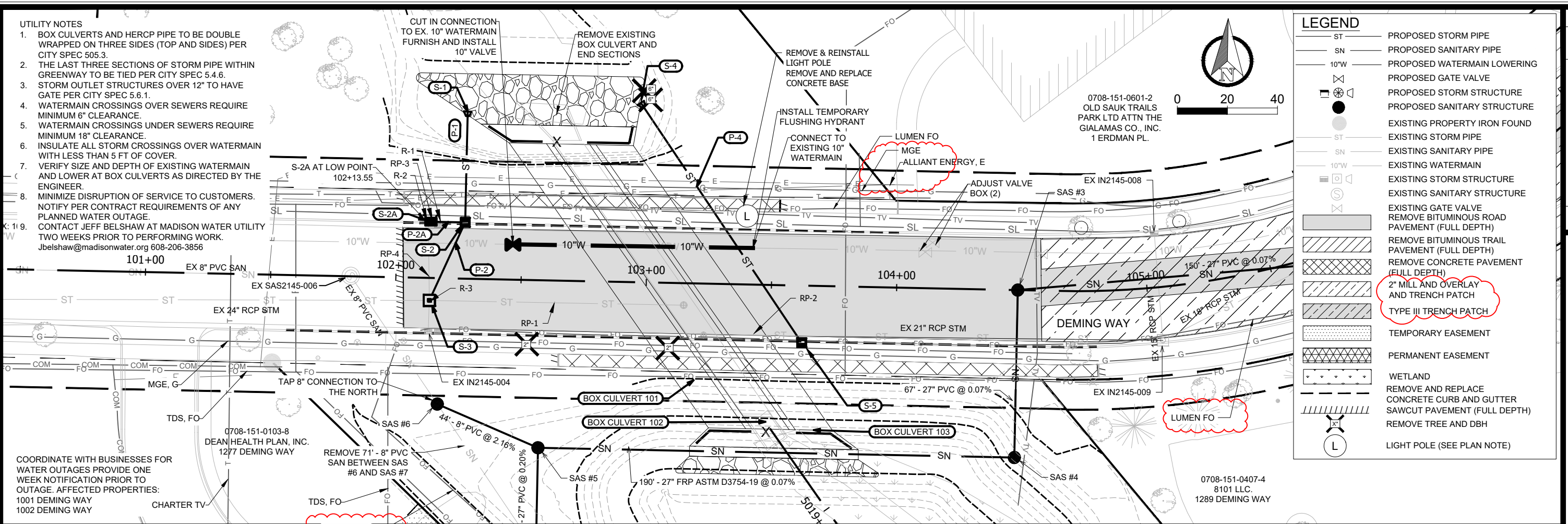


14370		MADISON, WI		9517	
UTILITY PLAN AND PROFILE - GREENWAY SANITARY		PHEASANT BRANCH GREENWAY ENHANCEMENT		CONTRACT NO:	
14370		U3		14370	

Scale: 11/6/2024 4:04 PM
Designed By: JPC
Date: 11/6/2024 4:04 PM
Revision: 14370
By: U3

City of Madison Wisconsin

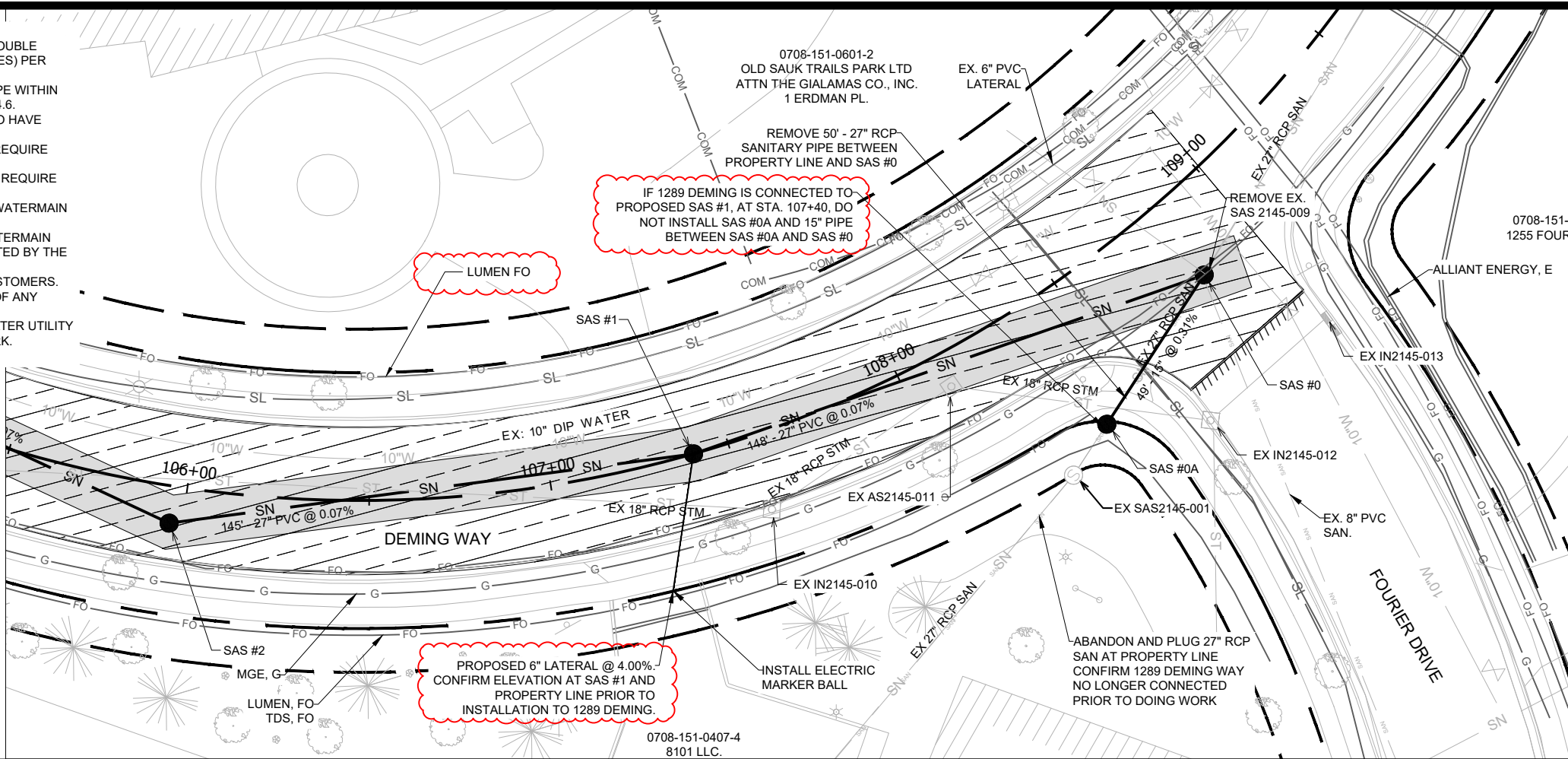
- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
 3. STORM OUTLET STRUCTURES OVER 12" TO HAVE GATE PER CITY SPEC 5.6.1.
 4. WATERMAIN CROSSINGS OVER SEWERS REQUIRE MINIMUM 6" CLEARANCE.
 5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK.
- Jbelshaw@madisonwater.org 608-206-3856



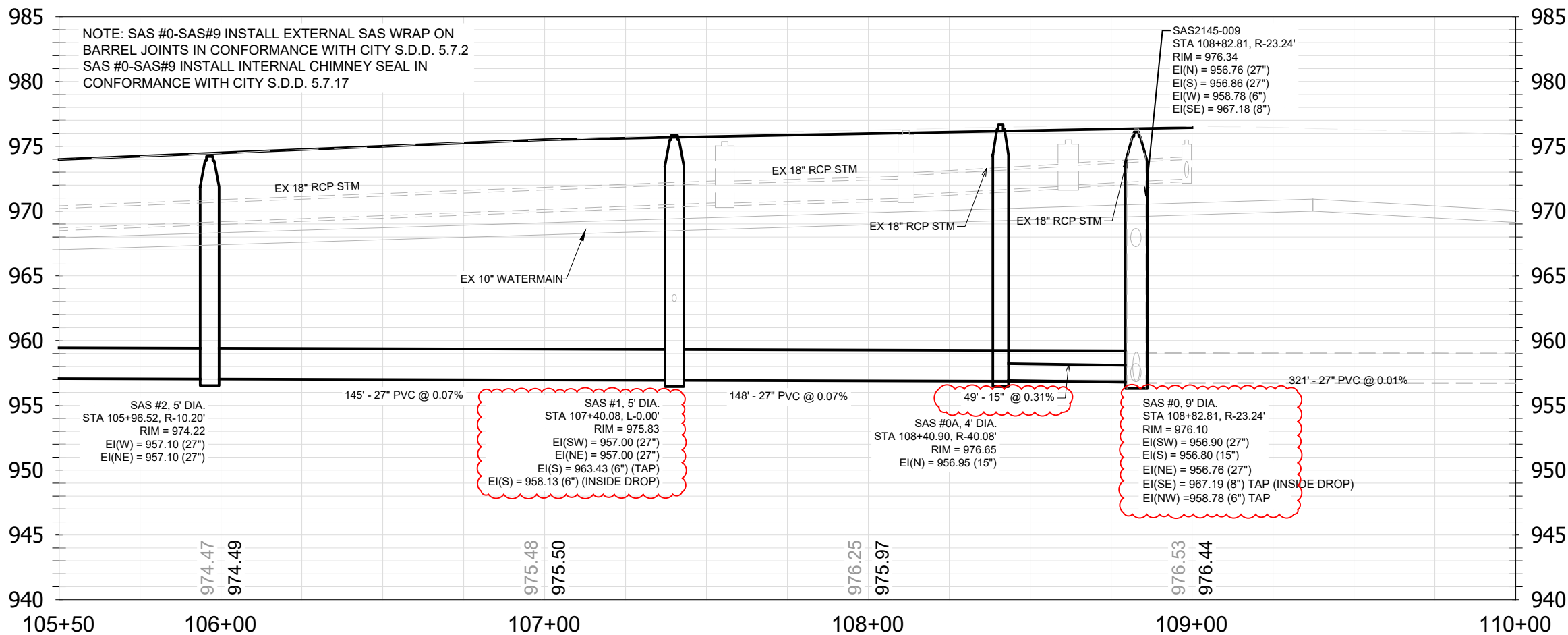
- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
 3. STORM OUTLET STRUCTURES OVER 12" TO HAVE GATE PER CITY SPEC 5.6.1.
 4. WATERMAIN CROSSINGS OVER SEWERS REQUIRE MINIMUM 6" CLEARANCE.
 5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK.
Jbelshaw@madisonwater.org 608-206-3856



0 20 40



LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10\"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10\"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2\" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)



ADDENDUM NOTE:
-REVISED UTILITY LABELS
-UPDATE LEGEND

- REVISION NO. 2
1. UPDATED 1289 DEMING SANITARY SEWER CONNECTION NOTE.
 2. REVISED SIZE OF SANITARY PIPE BETWEEN SAS #0A AND SAS #0 IN PROFILE VIEW.
 3. REMOVED SAS #0 EI(W) INVERT.
 4. REVISED SAS #1 STRUCTURE INVERT NOTE.
 5. REVISED SAS #1 PROPOSED LATERAL NOTE IN PLANVIEW.

UTILITY PLAN AND PROFILE - DEMING WAY

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

MADISON, WI

CONTRACT NO: 9517

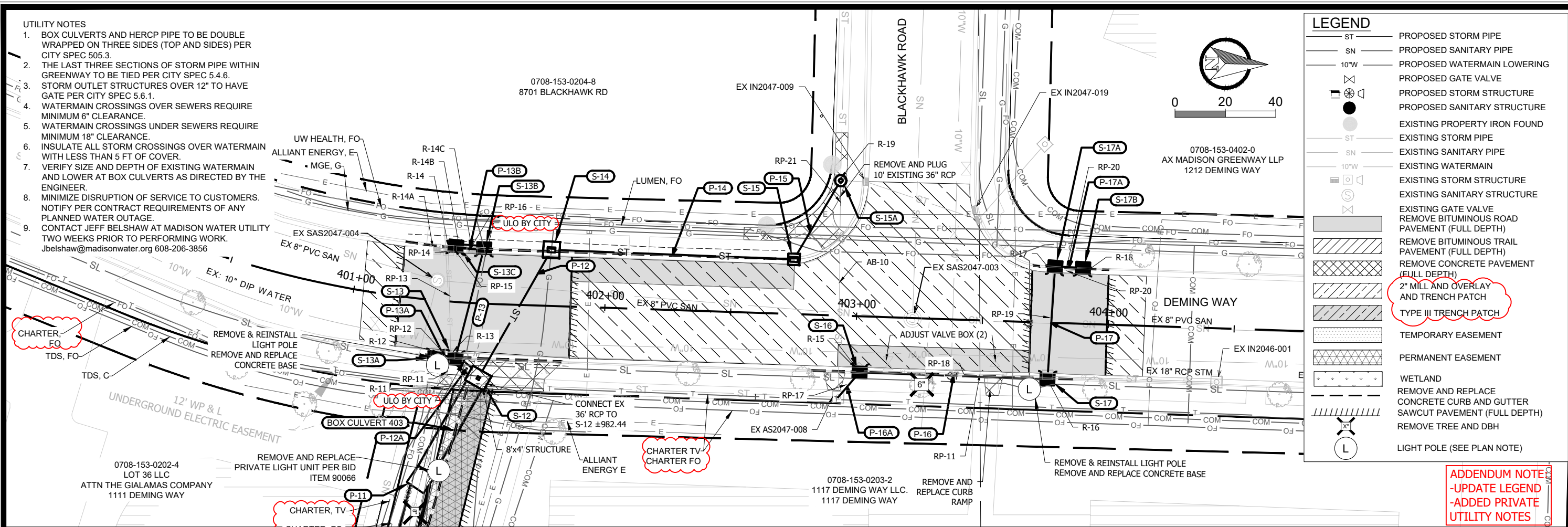
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2	SANITARY SEWER REVISIONS	4/4/25	BB	AS SHOWN
14370	DESIGNED BY: JPC	Date: 4/4/2025 1:58 PM		U5



14370

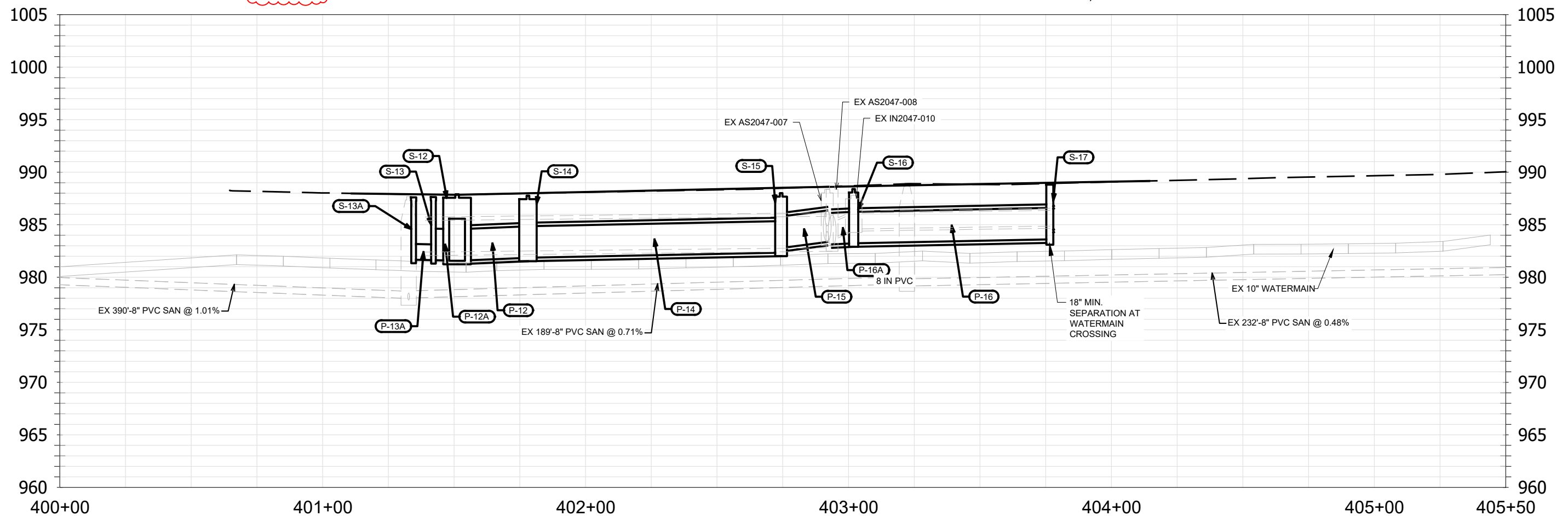
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- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
 3. STORM OUTLET STRUCTURES OVER 12" TO HAVE GATE PER CITY SPEC 5.6.1.
 4. WATERMAIN CROSSINGS OVER SEWERS REQUIRE MINIMUM 6" CLEARANCE.
 5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK. Jbelshaw@madisonwater.org 608-206-3856



LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE EXISTING ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)

ADDENDUM NOTE:
-UPDATE LEGEND
-ADDED PRIVATE UTILITY NOTES



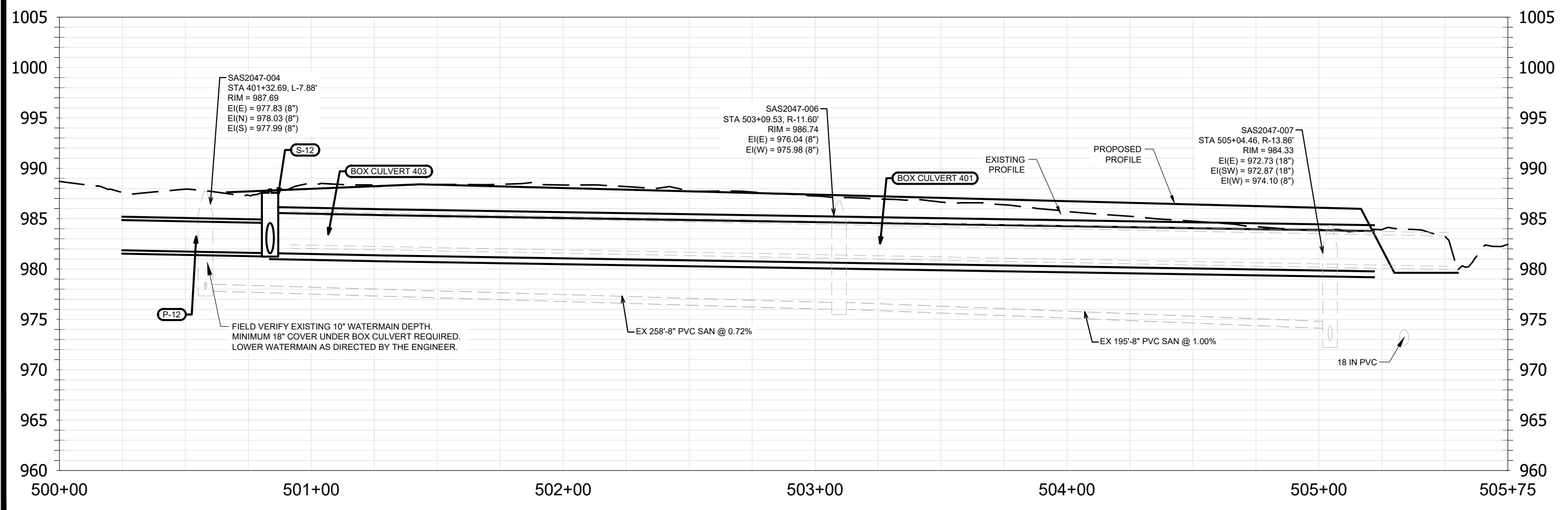
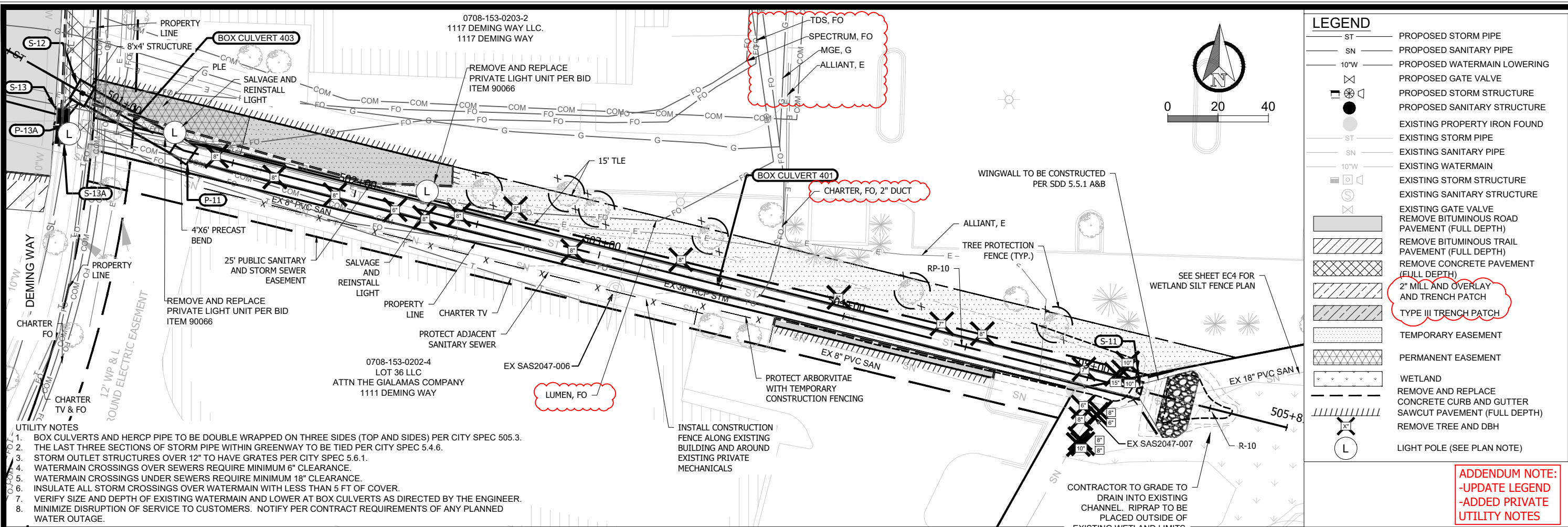
UTILITY PLAN AND PROFILE - DEMING WAY AT BLACKHAWK ROAD 14370
PHEASANT BRANCH GREENWAY ENHANCEMENT MADISON, WI
CONTRACT NO: 9517



14370
U6

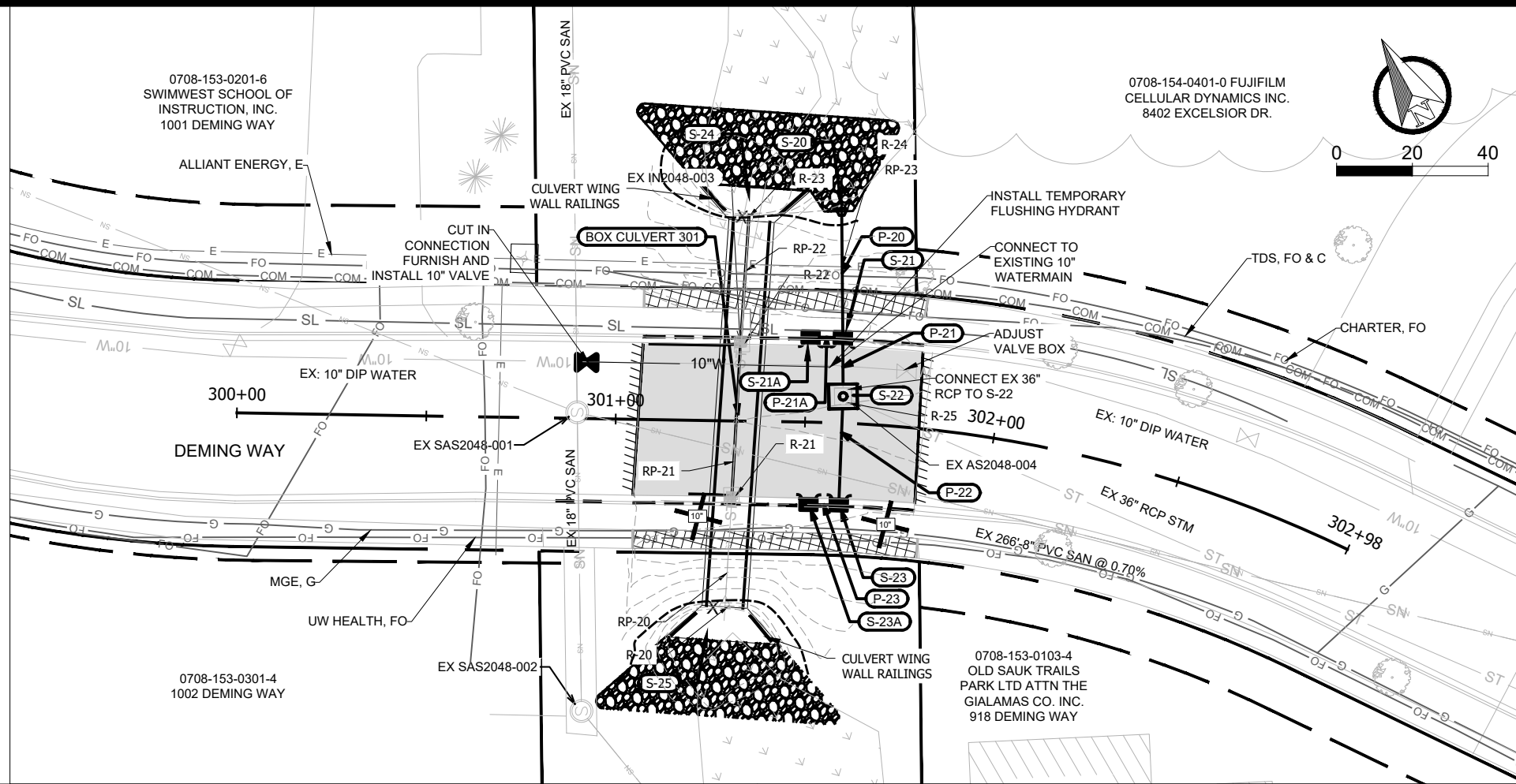
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DESIGNED BY: JPC
DATE: 11/16/2024 4:05 PM
REVISION
DATE
BY
U6

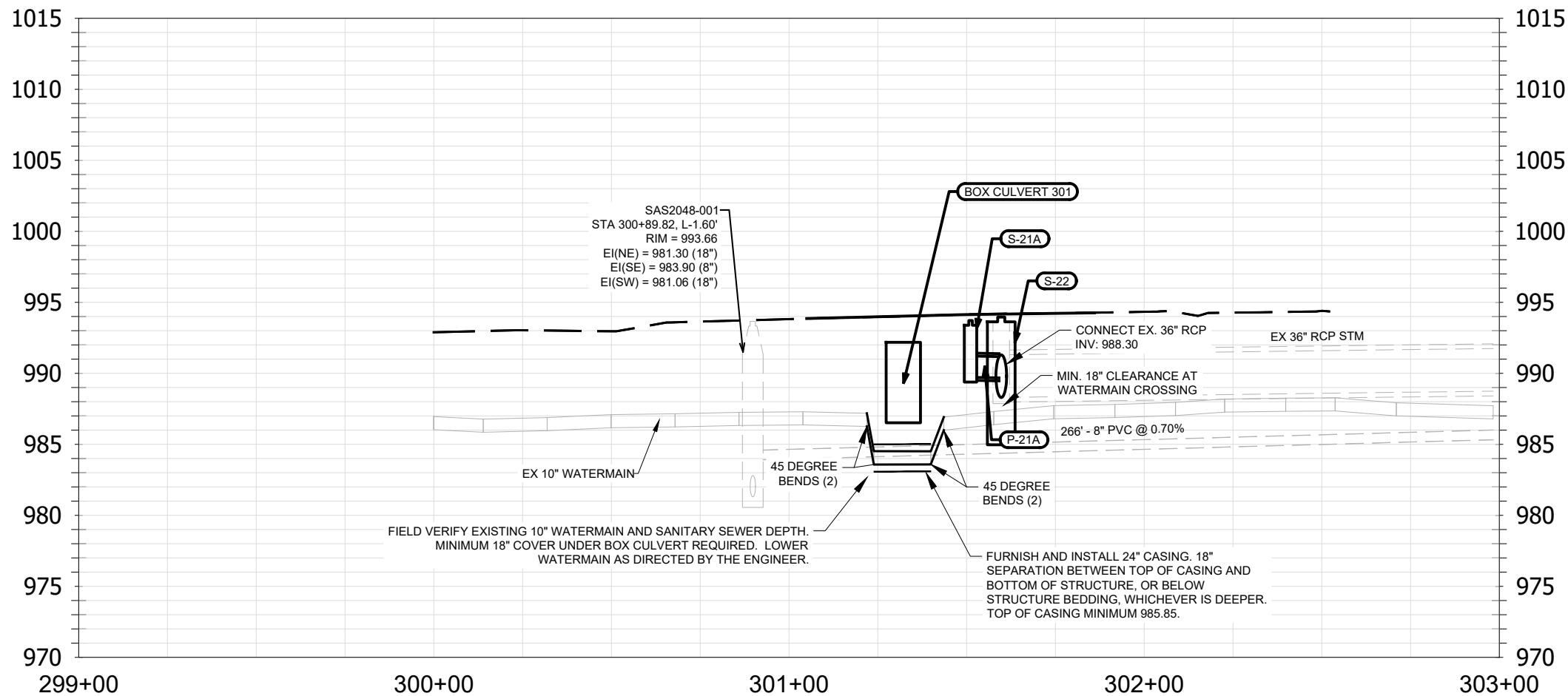


- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
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 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK.
Jbelshaw@madisonwater.org 608-206-3856

COORDINATE WITH BUSINESSES FOR WATER OUTAGES (1277 DEMING WAY). PROVIDE ONE WEEK NOTIFICATION PRIOR TO OUTAGE.



LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)

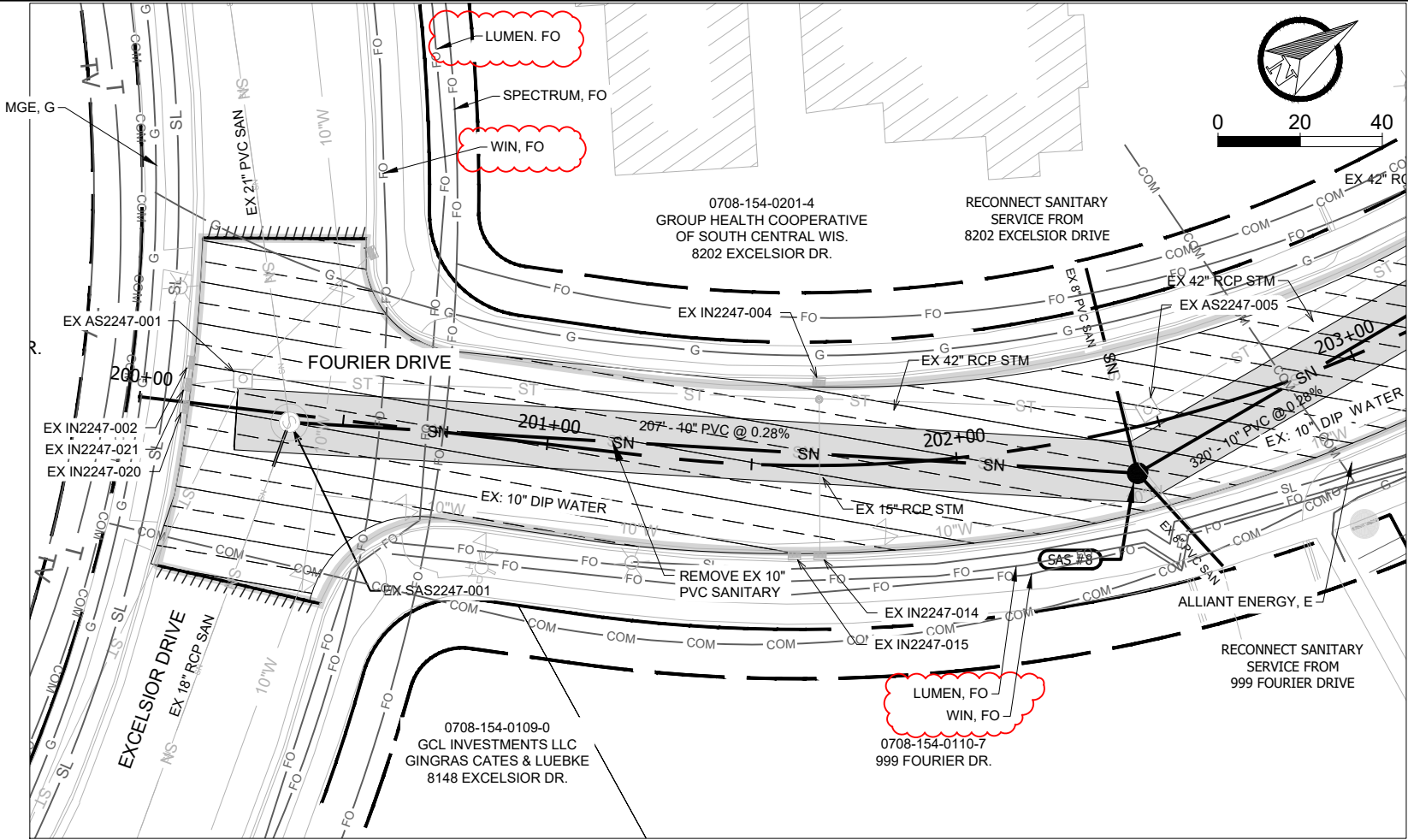


ADDENDUM NOTE:
-UPDATE LEGEND

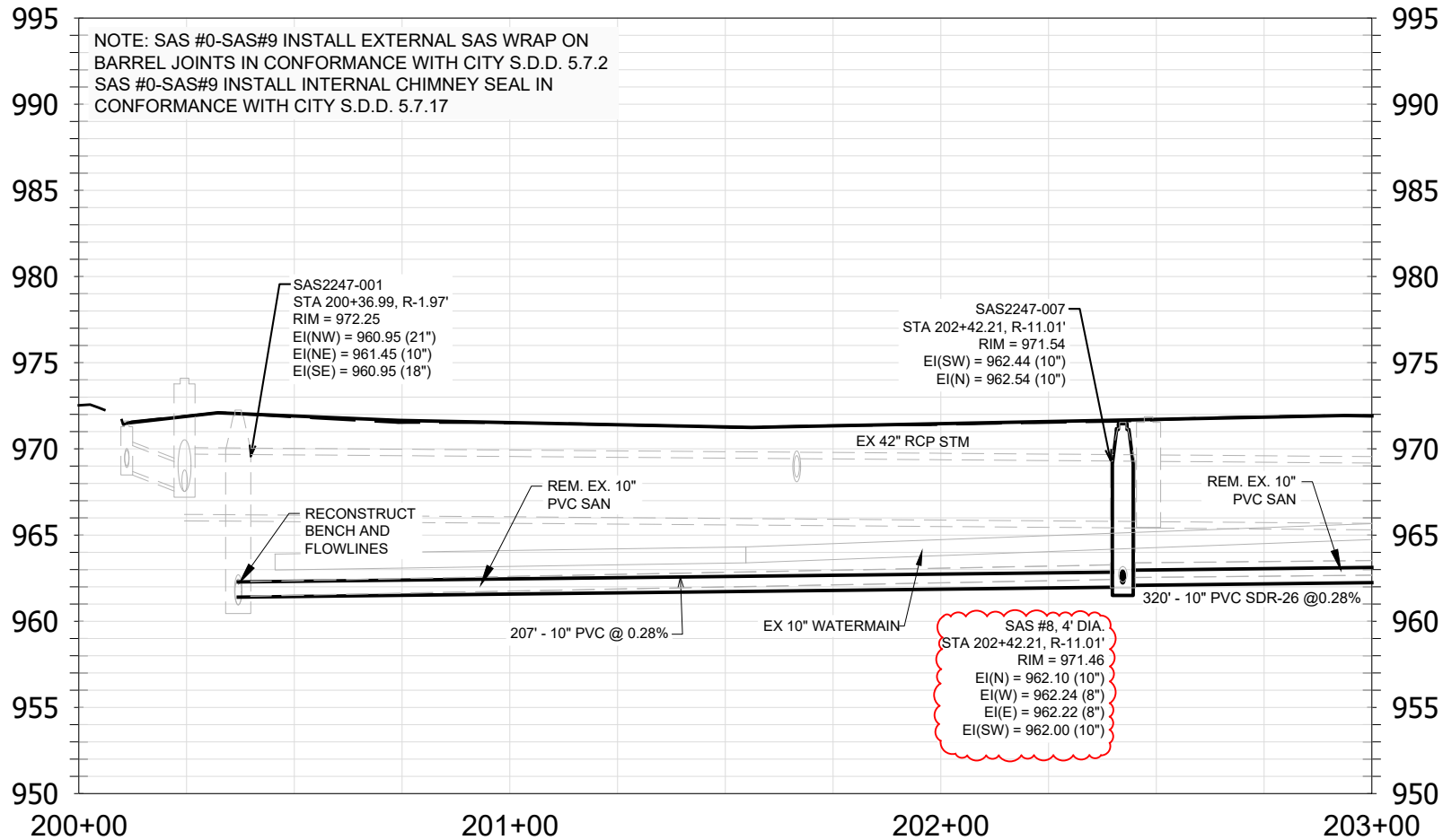
14370	MADISON, WI	9517
CONTRACT NO:		
UTILITY PLAN AND PROFILE - DEMING WAY		
PHEASANT BRANCH GREENWAY ENHANCEMENT		
14370		
U8		

Scale: 11/16/2024 4:08 PM
Designed By: JPC
MARK
REVISION
DATE
BY
U8

- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
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 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK.
Jbelshaw@madisonwater.org 608-206-3856



LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)



ADDENDUM NOTE:
-REVISED UTILITY LABELS
-UPDATE LEGEND

REVISION NO. 2
1. UPDATED RIM ELEVATION OF SAS #8

UTILITY PLAN AND PROFILE - FOURIER DRIVE

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

U9

14370

MADISON, WI

CONTRACT NO: 9517

3/14/25

BB

DATE

BY

2

SANITARY SEWER

REVISION

Date: 4/4/2025 1:33 PM

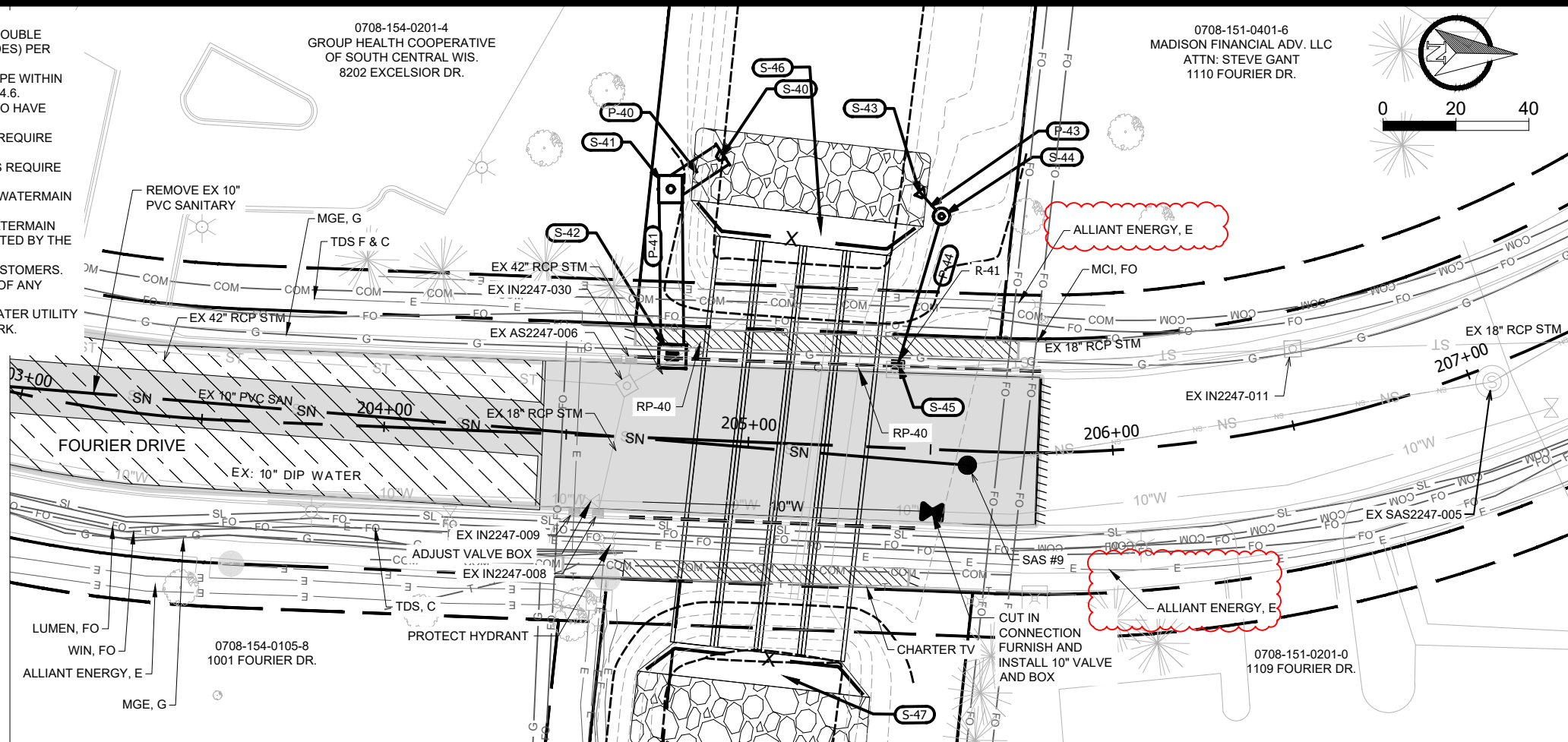
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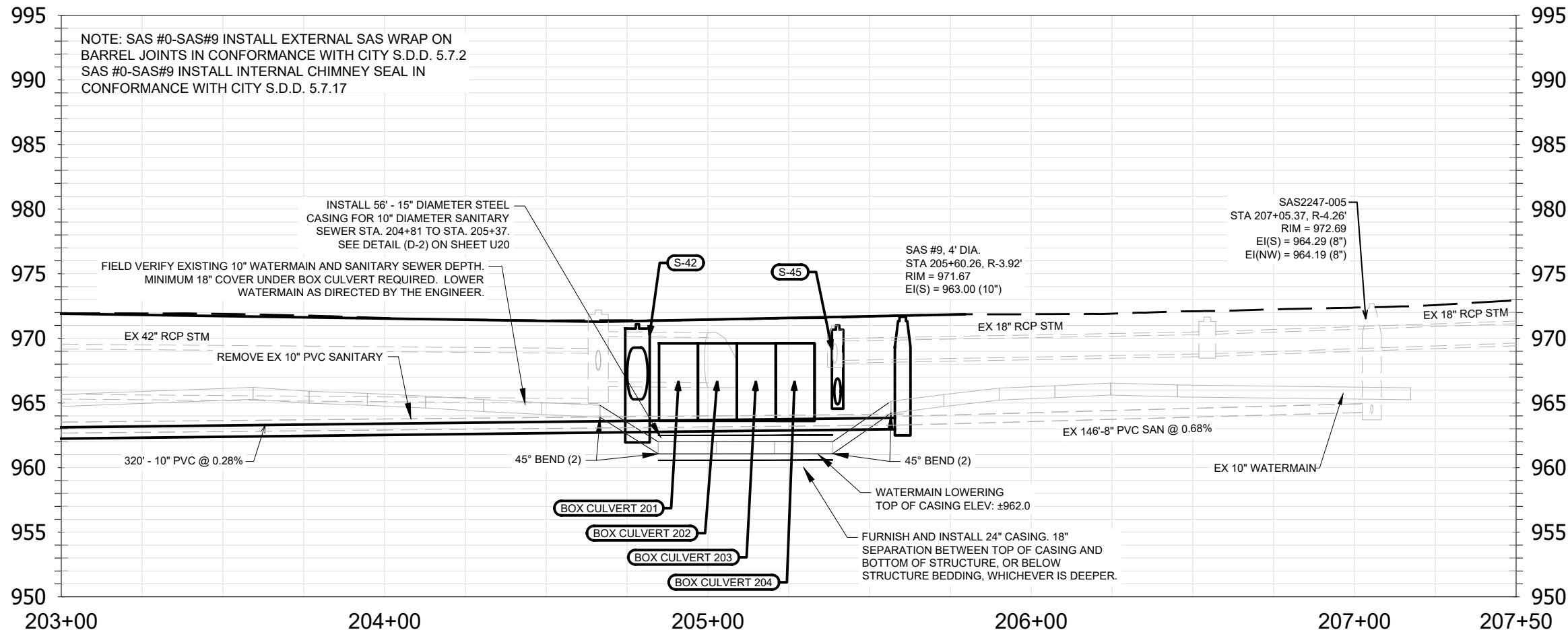
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- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
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 4. WATERMAIN CROSSINGS OVER SEWERS REQUIRE MINIMUM 6" CLEARANCE.
 5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
 6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS THAN 5 FT OF COVER.
 7. VERIFY SIZE AND DEPTH OF EXISTING WATERMAIN AND LOWER AT BOX CULVERTS AS DIRECTED BY THE ENGINEER.
 8. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK.
Jbelshaw@madisonwater.org 608-206-3856

COORDINATE WITH BUSINESSES FOR WATER OUTAGES PROVIDE ONE WEEK NOTIFICATION PRIOR TO OUTAGE. AFFECTED PROPERTIES:
1109 FOURIER DRIVE
1110 FOURIER DRIVE



LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)



ADDENDUM NOTE:
-UPDATED LEGEND
-ADDED PRIVATE UTILITY LABELS

UTILITY PLAN AND PROFILE - FOURIER DRIVE

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

U10

14370

MADISON, WI

CONTRACT NO: 9517

BY

DATE

REVISION

MARK

DESIGNED BY

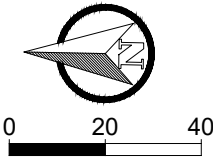
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Scale

AS SHOWN

U10

- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
 2. THE LAST THREE SECTIONS OF STORM PIPE WITHIN GREENWAY TO BE TIED PER CITY SPEC 5.4.6.
 3. STORM APRON END STRUCTURES OVER 12" TO HAVE GRATES PER CITY SPEC 5.6.1.
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 5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
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 9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK. Jbelshaw@madisonwater.org 608-206-3856



0708-151-0601-2
OLD SAUK TRAILS PARK LTD
ATTN THE GIALAMAS CO., INC.
1 ERDMAN PL.

MGE, G
LUMEN, FO
ALLIANT ENERGY, E

REMOVE EXISTING
BOX CULVERT END
SECTION

EXTEND RIPRAP AND TYPE HR
FILTER FABRIC BEHIND TOP OF
WINGWALL

BOX CULVERT 102

EXTEND RIPRAP AND TYPE HR
FILTER FABRIC BEHIND TOP OF
WINGWALL

BOX CULVERT 101

SAS #5

LUMEN, FO
TDS, FO

MGE, G

SAS #7

SAS #6

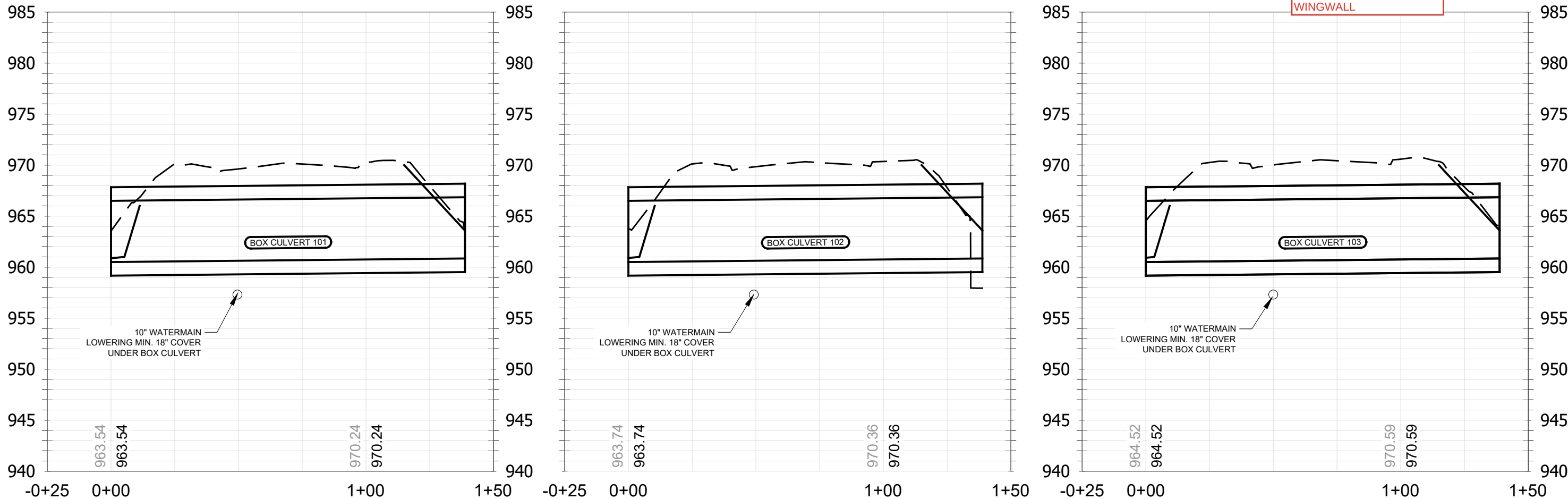
0708-151-0103-8
DEAN HEALTH PLAN, INC.

LEGEND

- | | |
|------|--|
| ST | PROPOSED STORM PIPE |
| SN | PROPOSED SANITARY PIPE |
| 10"W | PROPOSED WATERMAIN LOWERING |
| | PROPOSED GATE VALVE |
| | PROPOSED STORM STRUCTURE |
| | PROPOSED SANITARY STRUCTURE |
| | EXISTING PROPERTY IRON FOUND |
| ST | EXISTING STORM PIPE |
| SN | EXISTING SANITARY PIPE |
| 10"W | EXISTING WATERMAIN |
| | EXISTING STORM STRUCTURE |
| | EXISTING SANITARY STRUCTURE |
| | EXISTING GATE VALVE |
| | REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH) |
| | REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH) |
| | REMOVE CONCRETE PAVEMENT (FULL DEPTH) |
| | 2" MILL AND OVERLAY AND TRENCH PATCH |
| | TYPE III TRENCH PATCH |
| | TEMPORARY EASEMENT |
| | PERMANENT EASEMENT |
| | WETLAND |
| | REMOVE AND REPLACE CONCRETE CURB AND GUTTER SAWCUT PAVEMENT (FULL DEPTH) |
| | REMOVE TREE AND DBH |
| | LIGHT POLE (SEE PLAN NOTE) |

REVISION 2:
EXTENDED RIPRAP TO
TOP OF WINGWALL TO
ACCOUNT FOR STEEP
SLOPE ON TOP OF
WINGWALL

ADDENDUM NOTE:
-UPDATE LEGEND



UTILITY PLAN AND PROFILE - DEMING WAY BOX CULVERTS

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

MADISON, WI

9517

CONTRACT NO:



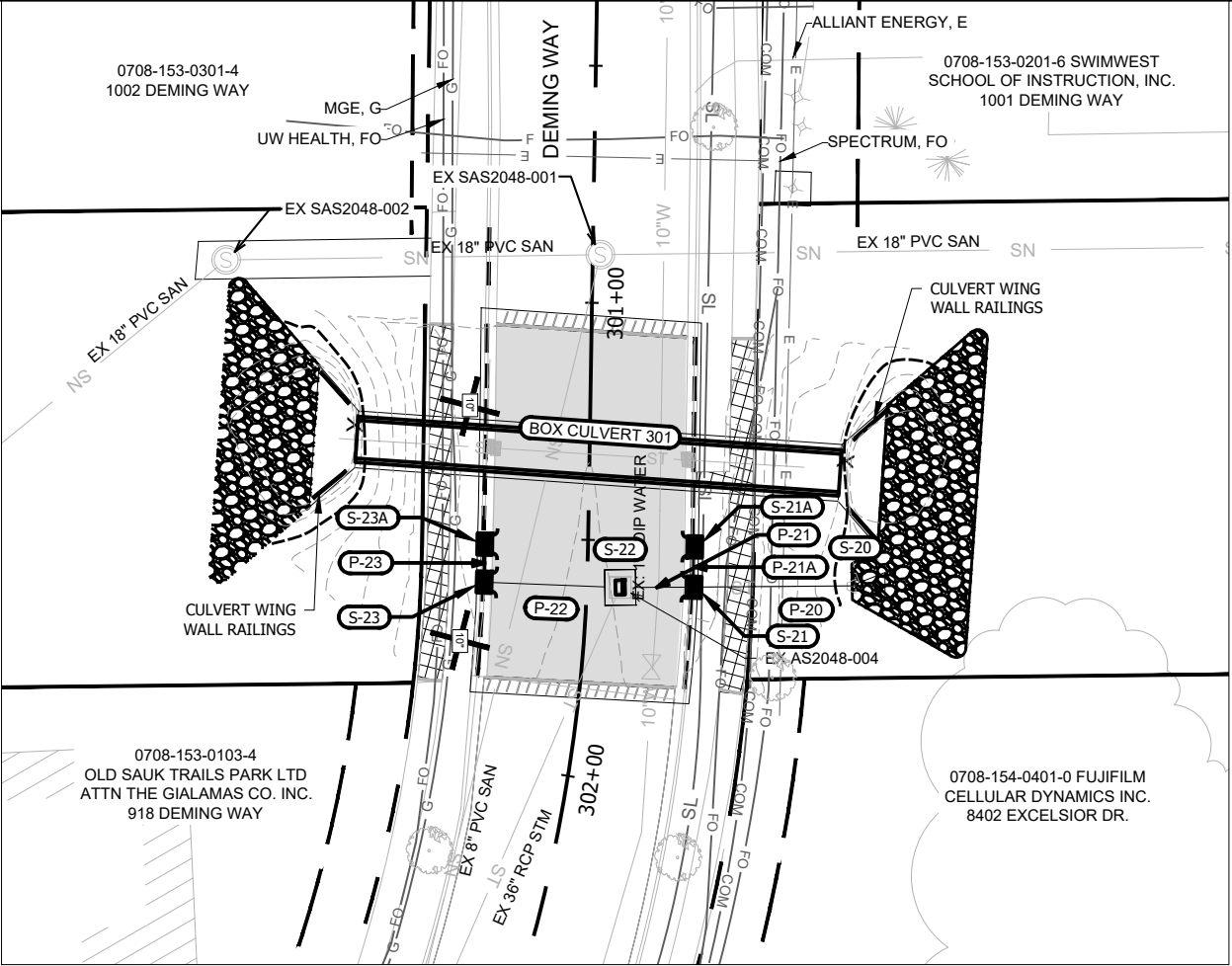
14370

U11

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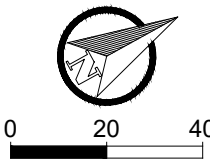
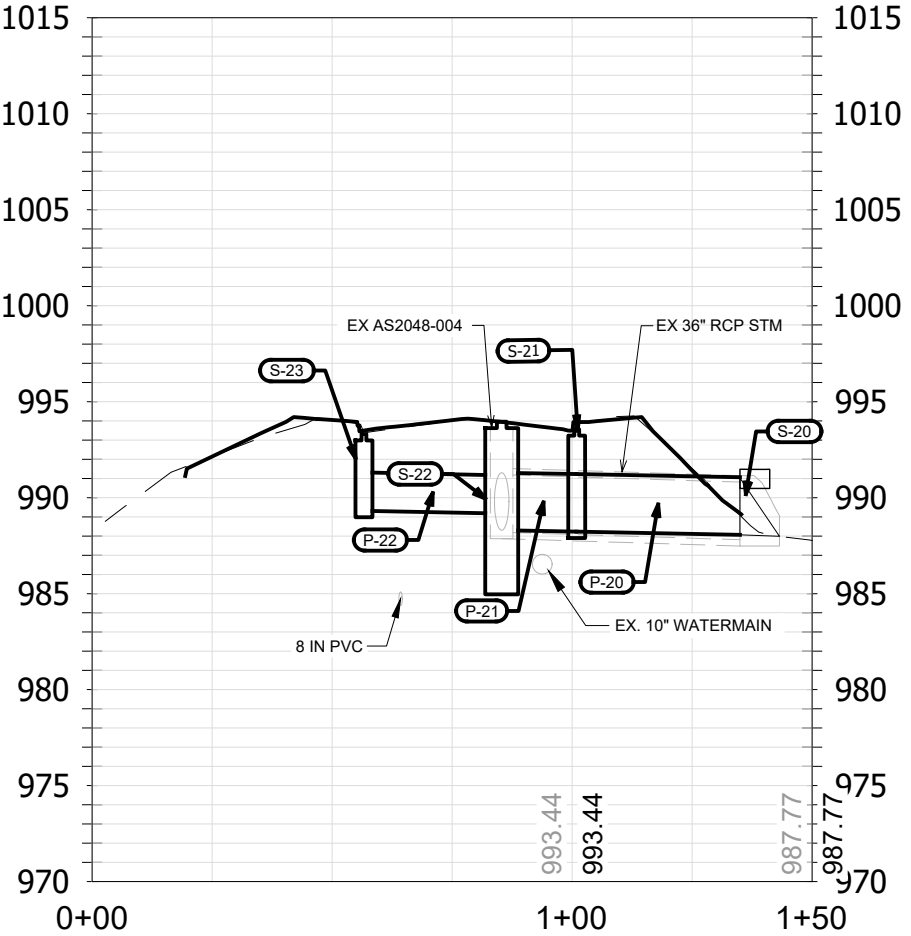
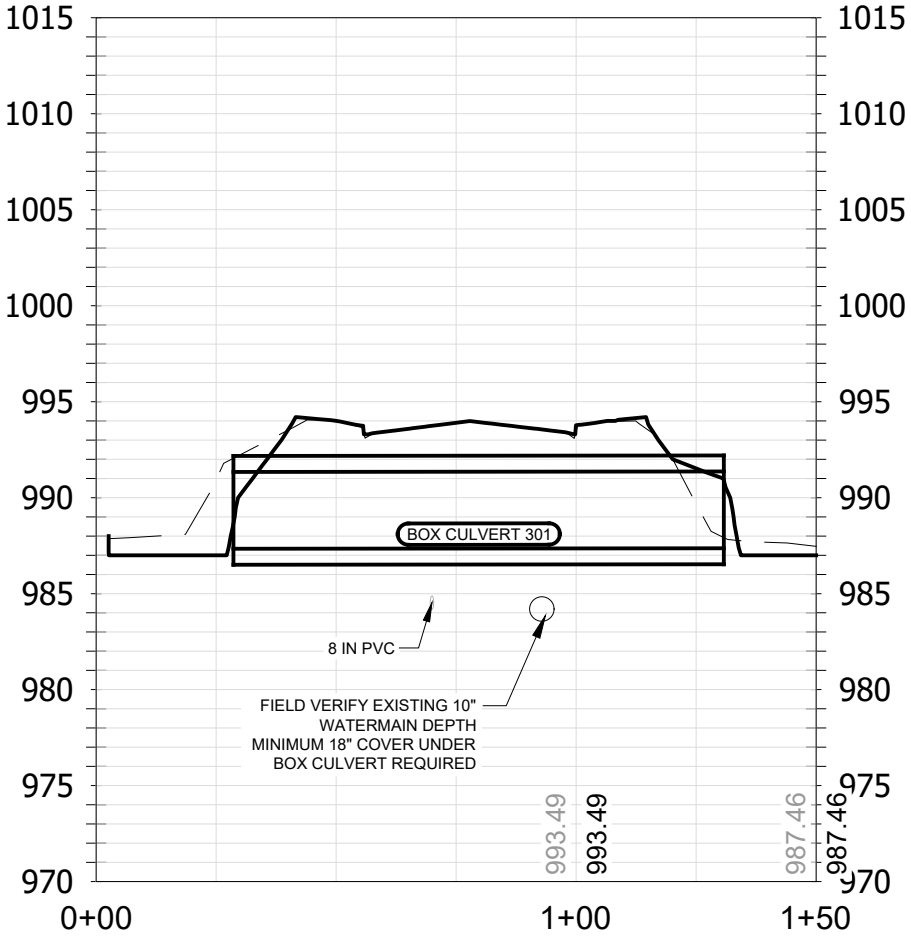
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- UTILITY NOTES
1. BOX CULVERTS AND HERCP PIPE TO BE DOUBLE WRAPPED ON THREE SIDES (TOP AND SIDES) PER CITY SPEC 505.3.
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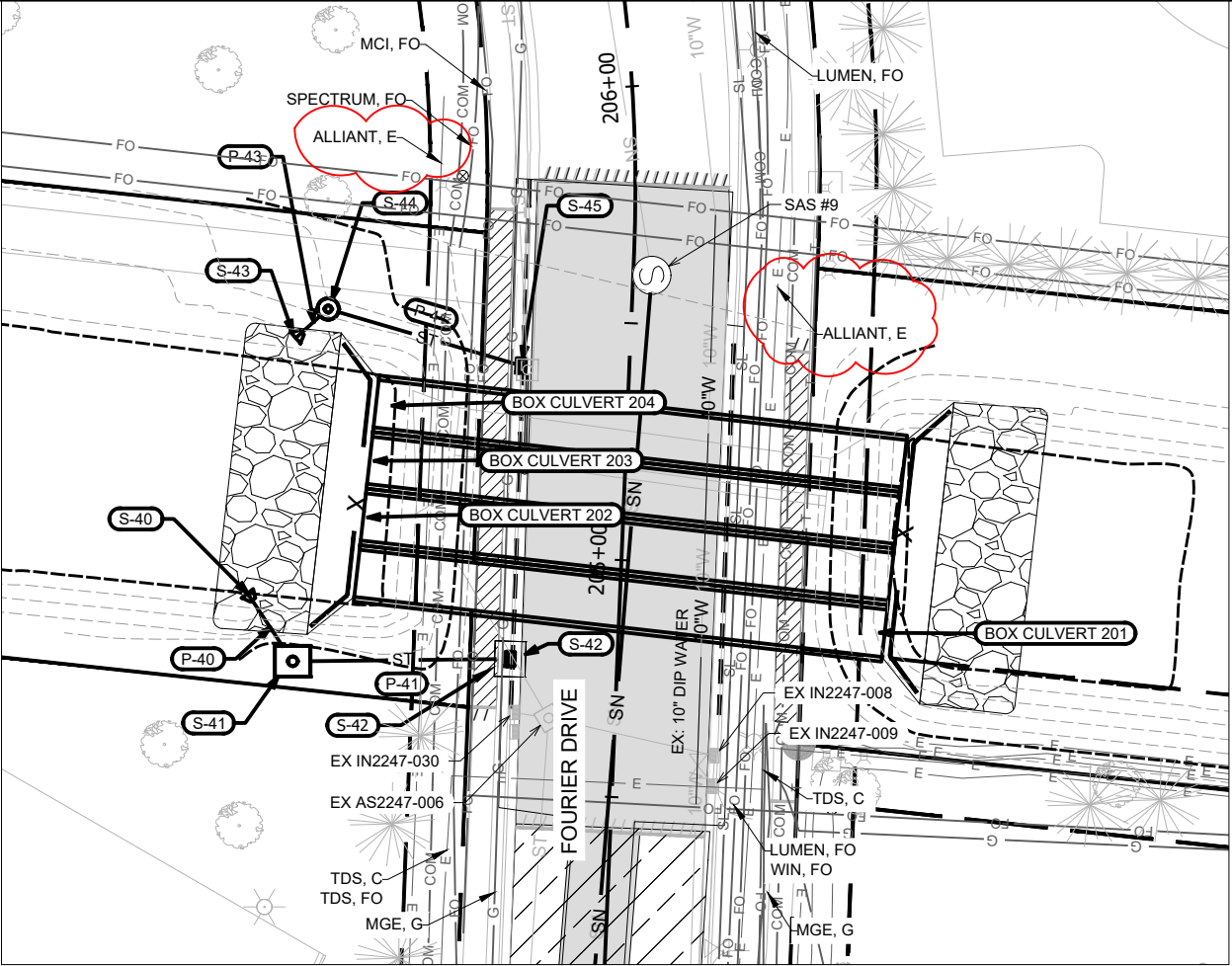
LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10\"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10\"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2\" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)

ADDENDUM NOTE:
-UPDATE LEGEND

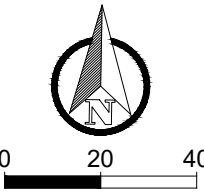
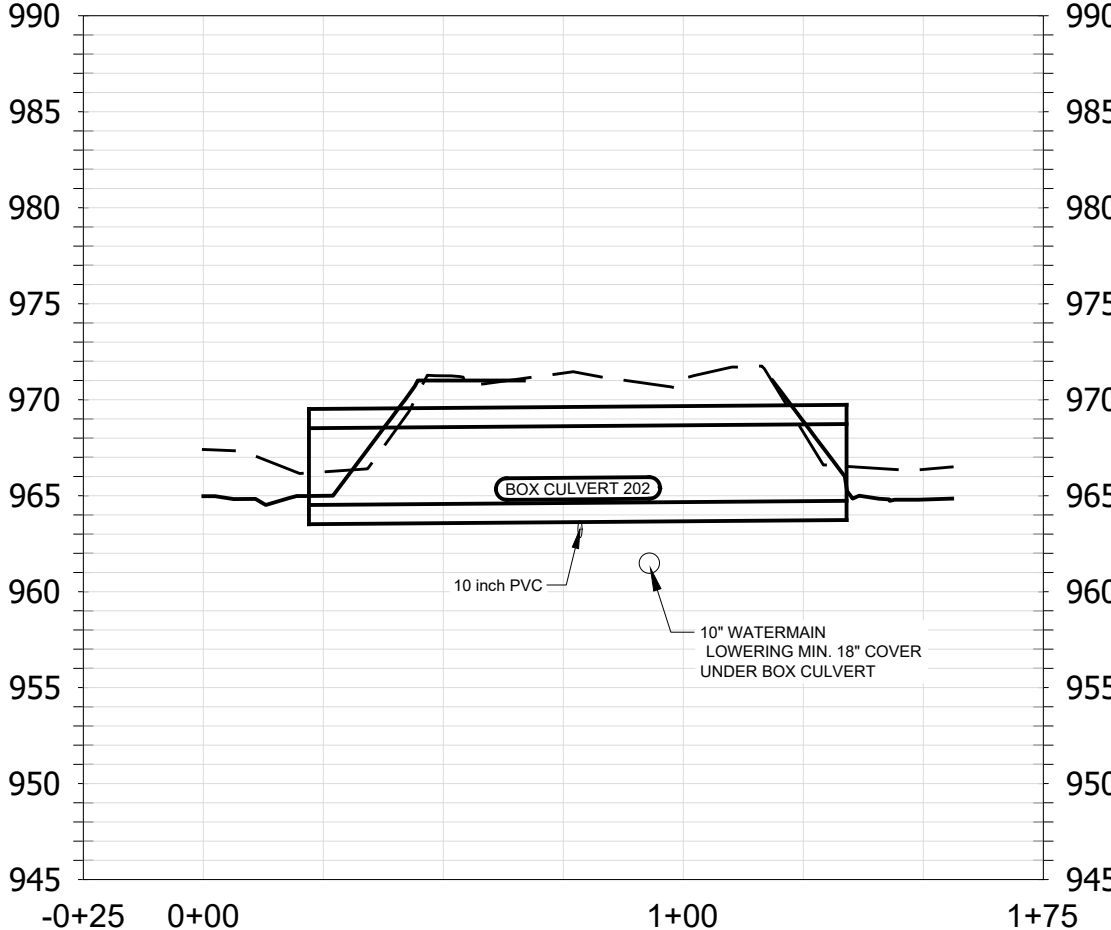
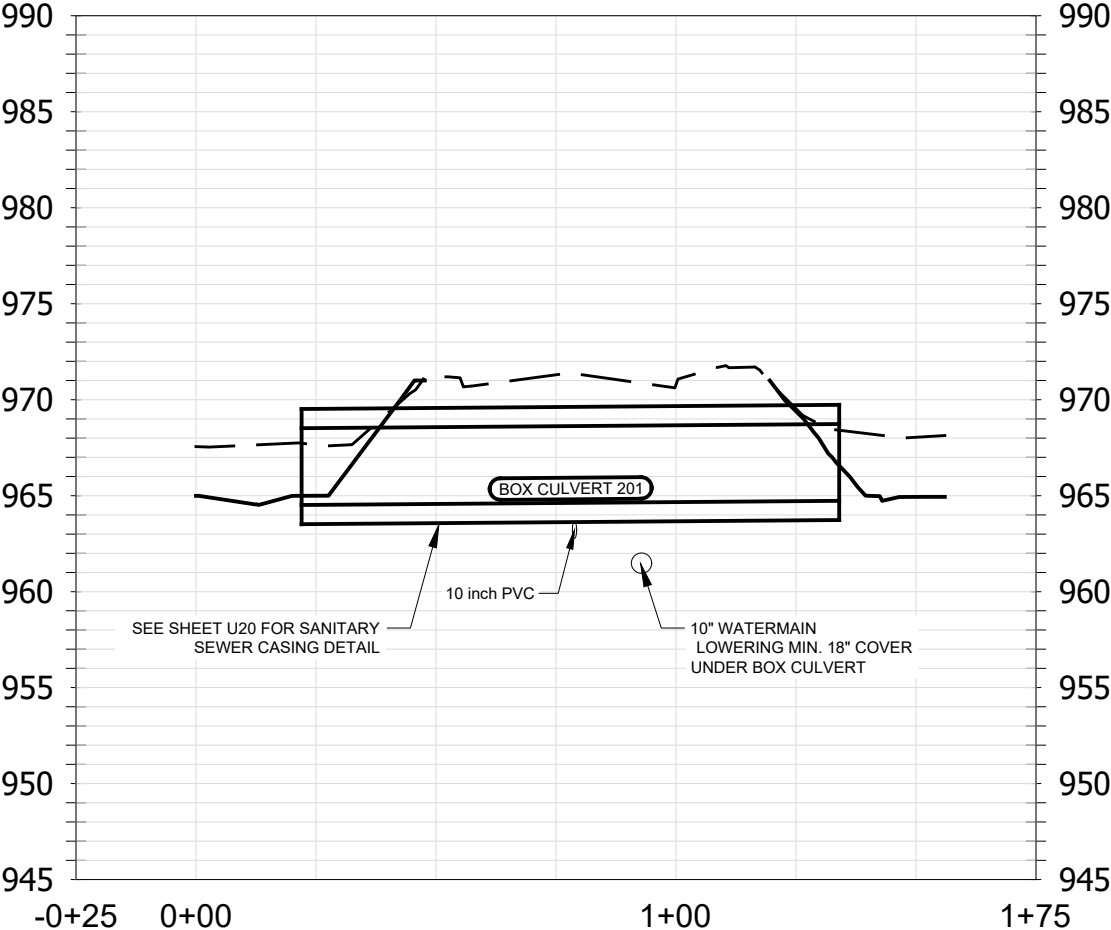


- UTILITY NOTES
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ADDENDUM NOTE:
-UPDATED LEGEND
-ADJUSTED UTILITY LABELS



LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	REMOVE SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)



UTILITY PLAN AND PROFILE - FOURIER DRIVE BOX CULVERTS

14370

PHEASANT BRANCH GREENWAY ENHANCEMENT

MADISON, WI

CONTRACT NO: 9517

U13

14370

U13

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Designed By: JPC

MARK

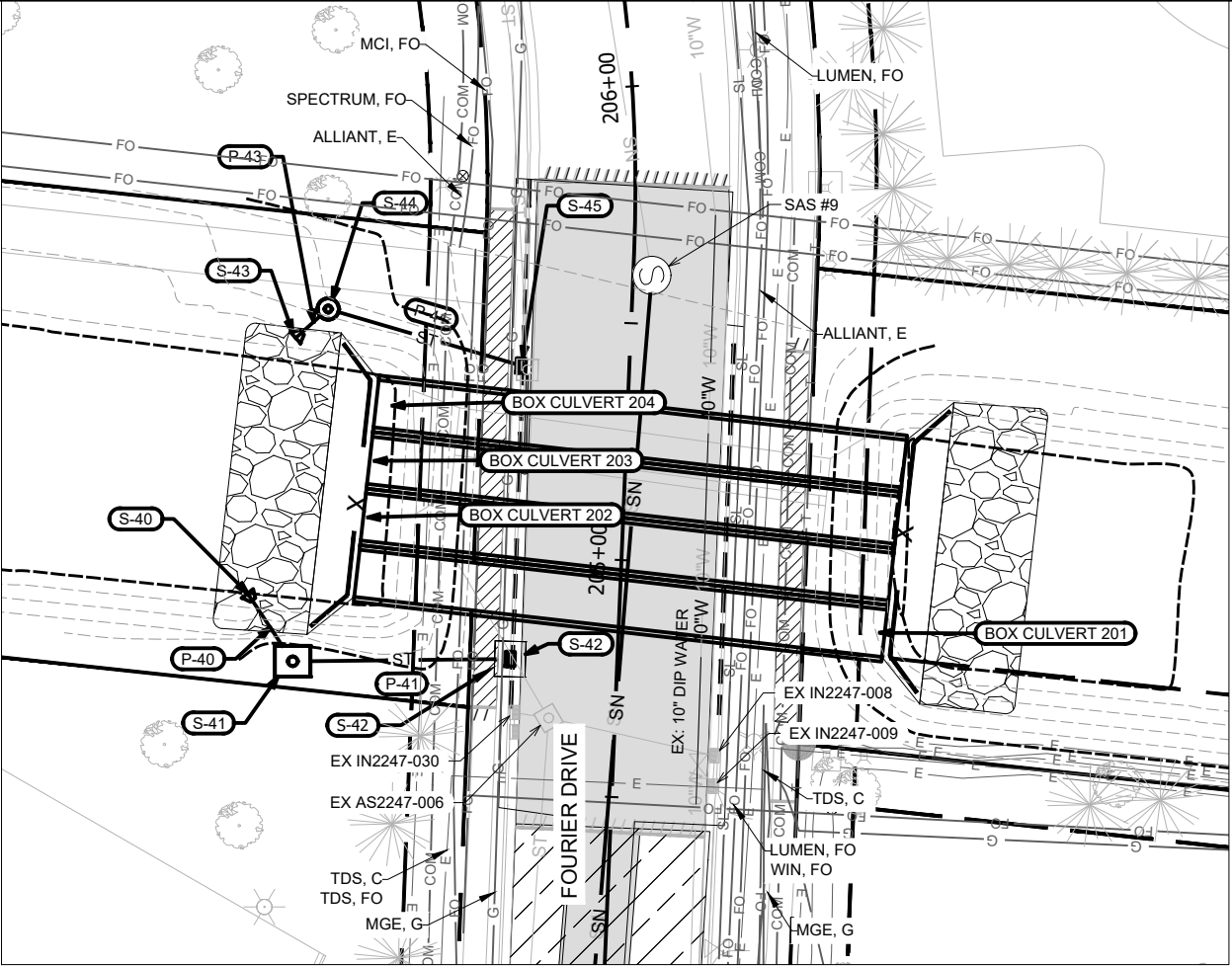
REVISION

DATE

BY

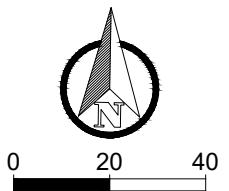
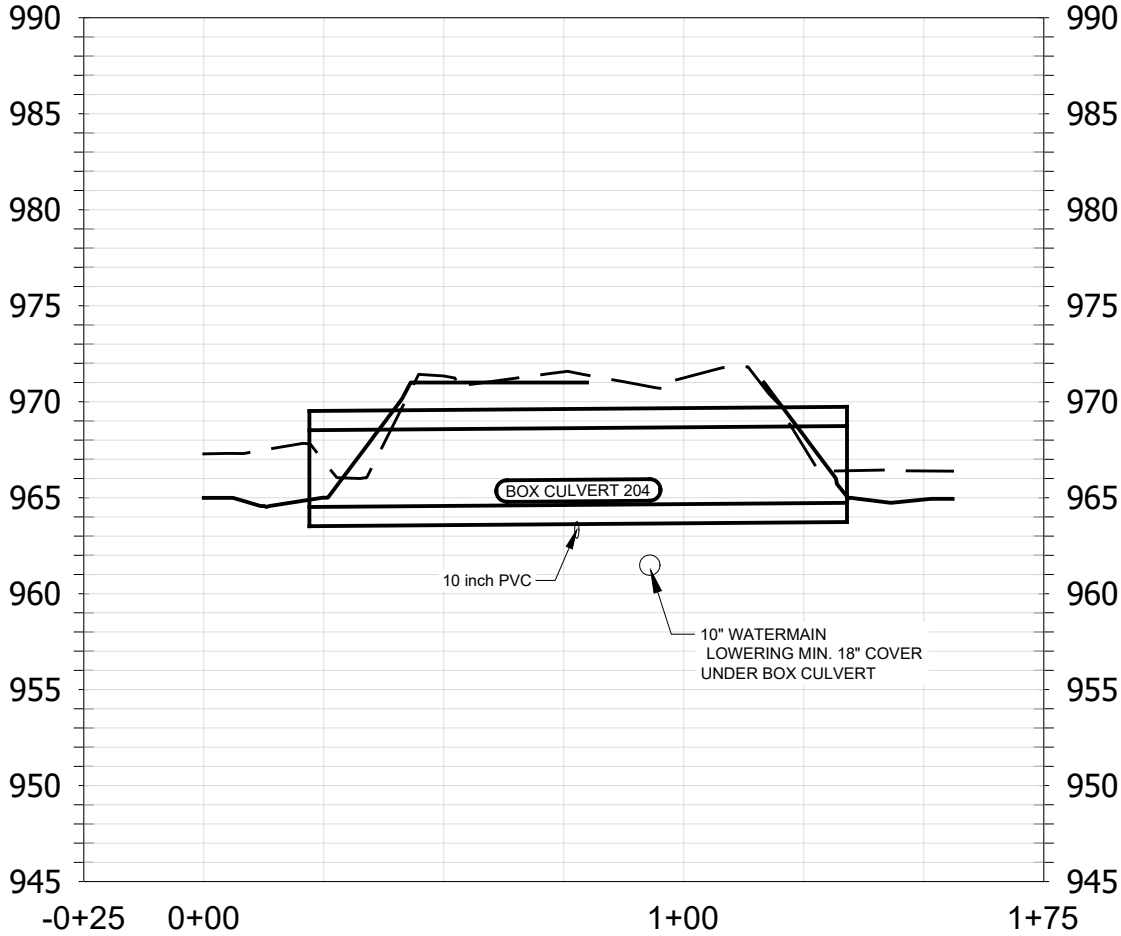
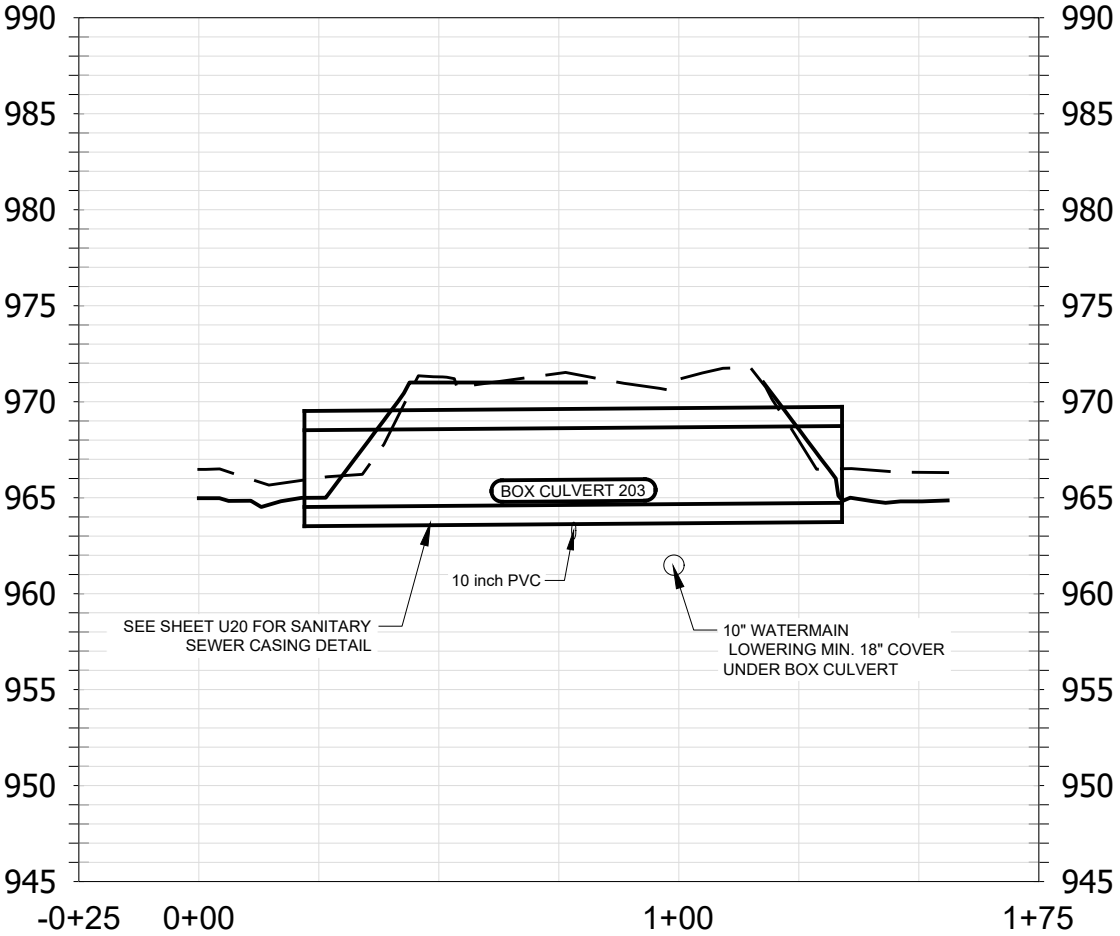
U13

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LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
	EXISTING SANITARY STRUCTURE
	EXISTING GATE VALVE
	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
	2" MILL AND OVERLAY AND TRENCH PATCH
	TYPE III TRENCH PATCH
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	REMOVE SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)

ADDENDUM NOTE:
-UPDATE LEGEND



UTILITY PLAN AND PROFILE - FOURIER DRIVE BOX CULVERTS

14370

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

U14

MADISON, WI

9517

CONTRACT NO:

11/16/2024 4:07 PM

U14

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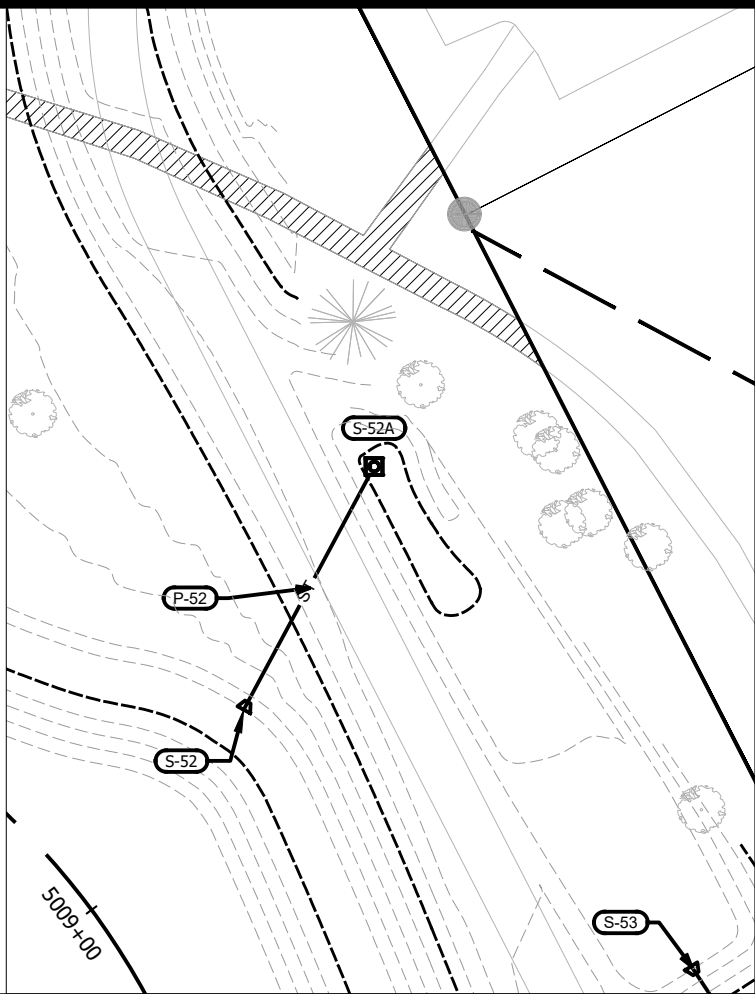
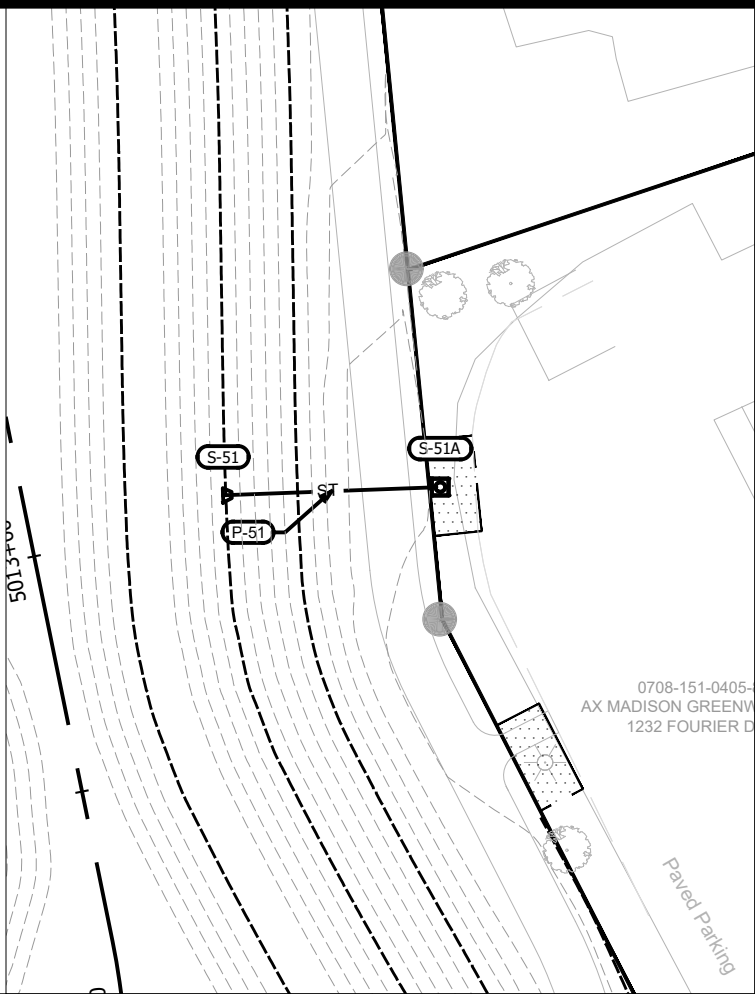
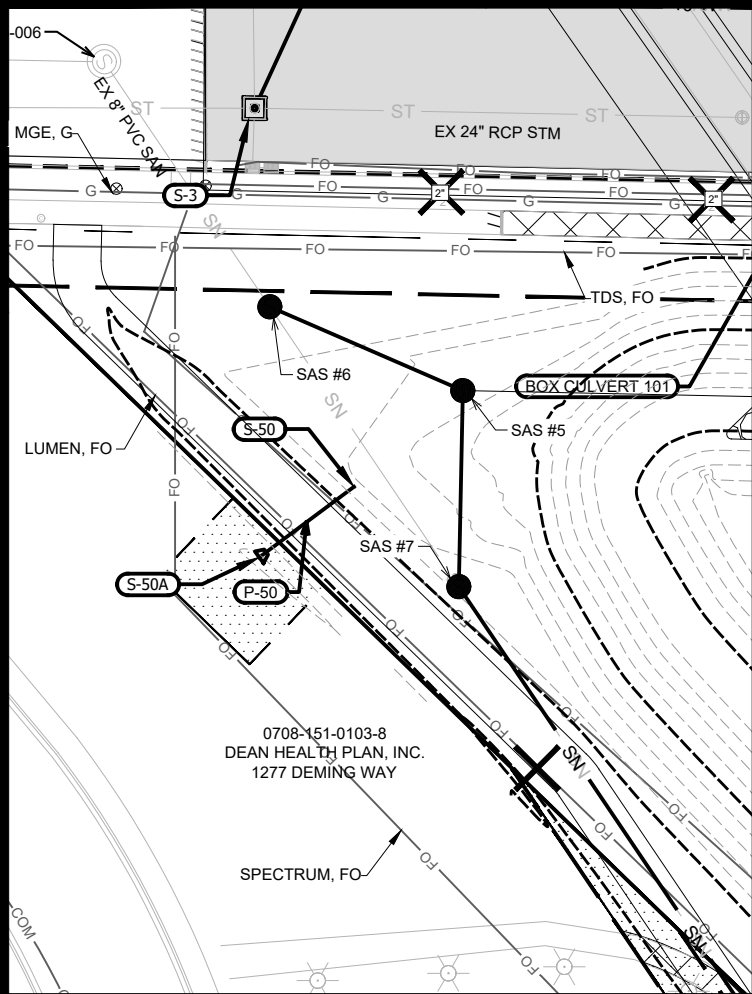
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MARK

REVISION

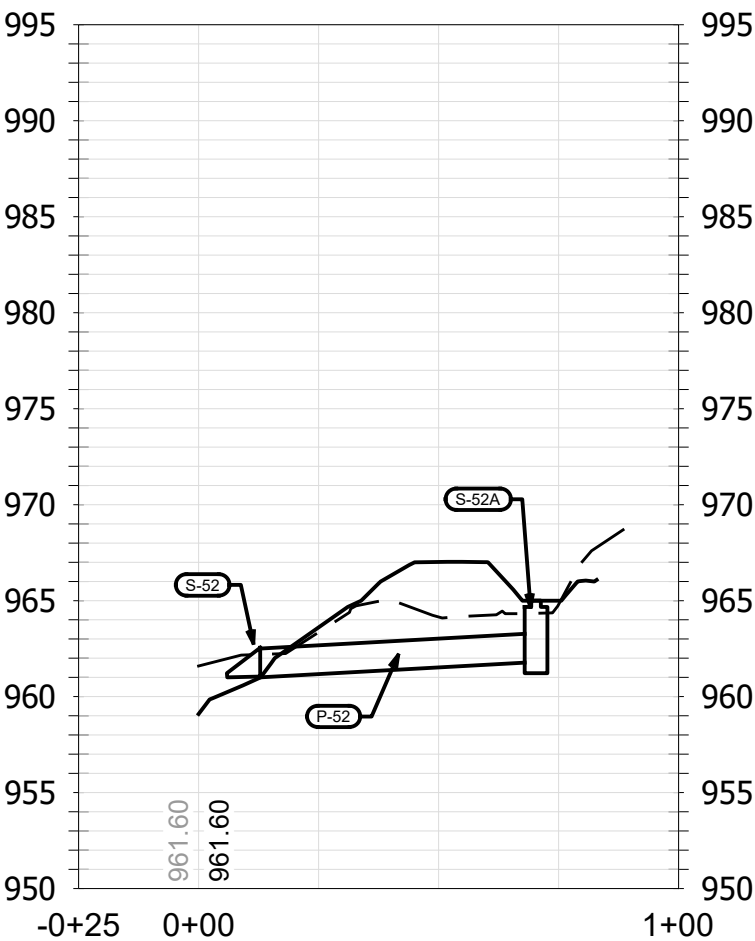
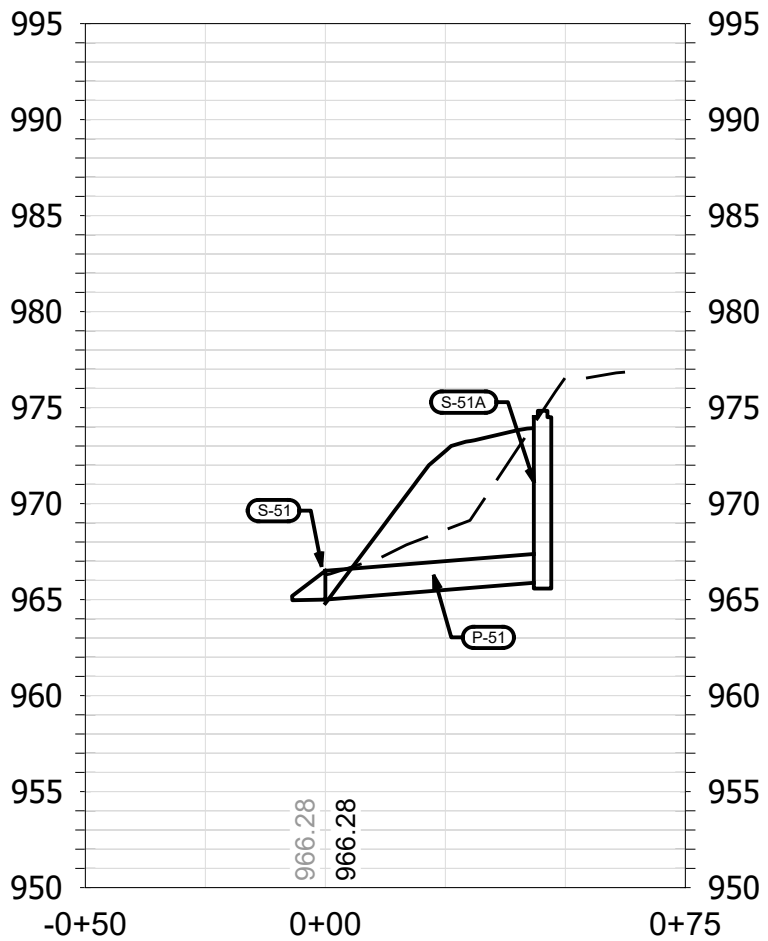
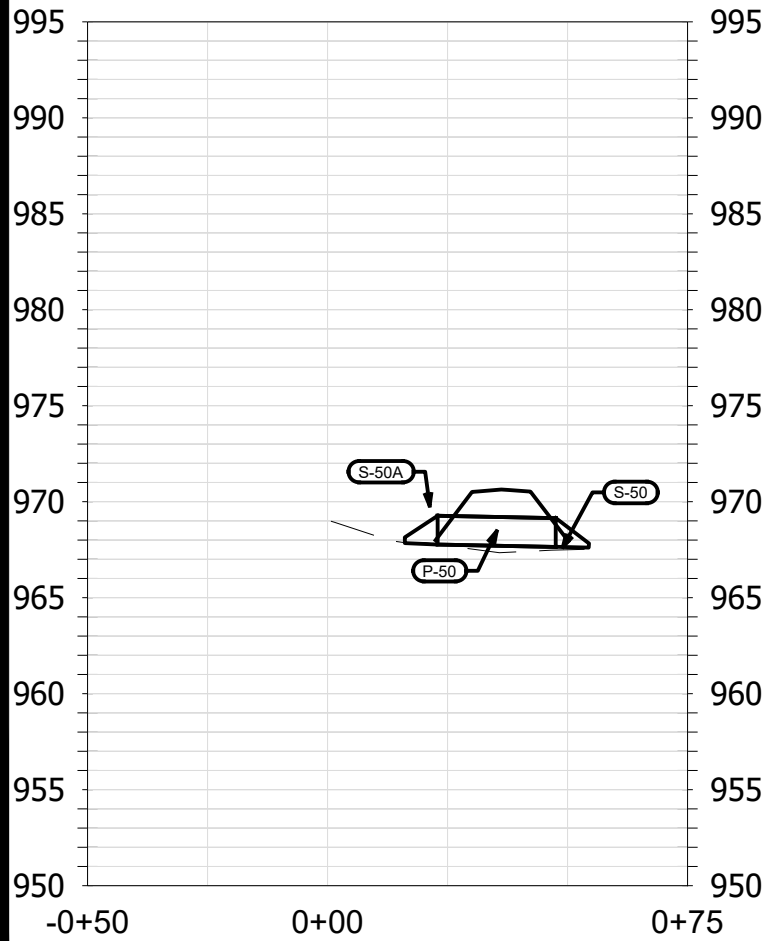
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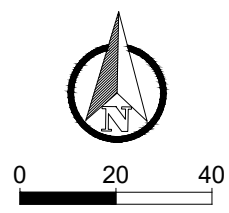


LEGEND	
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SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
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10"W	EXISTING WATERMAIN
	EXISTING STORM STRUCTURE
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	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	SAWCUT PAVEMENT (FULL DEPTH)
	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)

ADDENDUM NOTE:
-UPDATE LEGEND



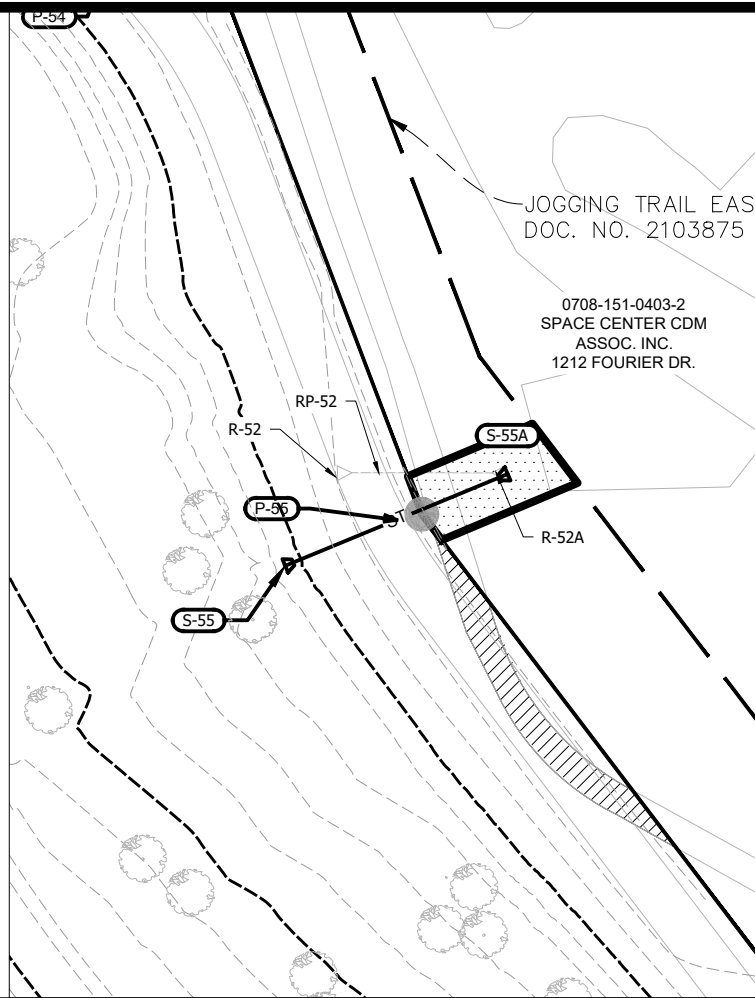
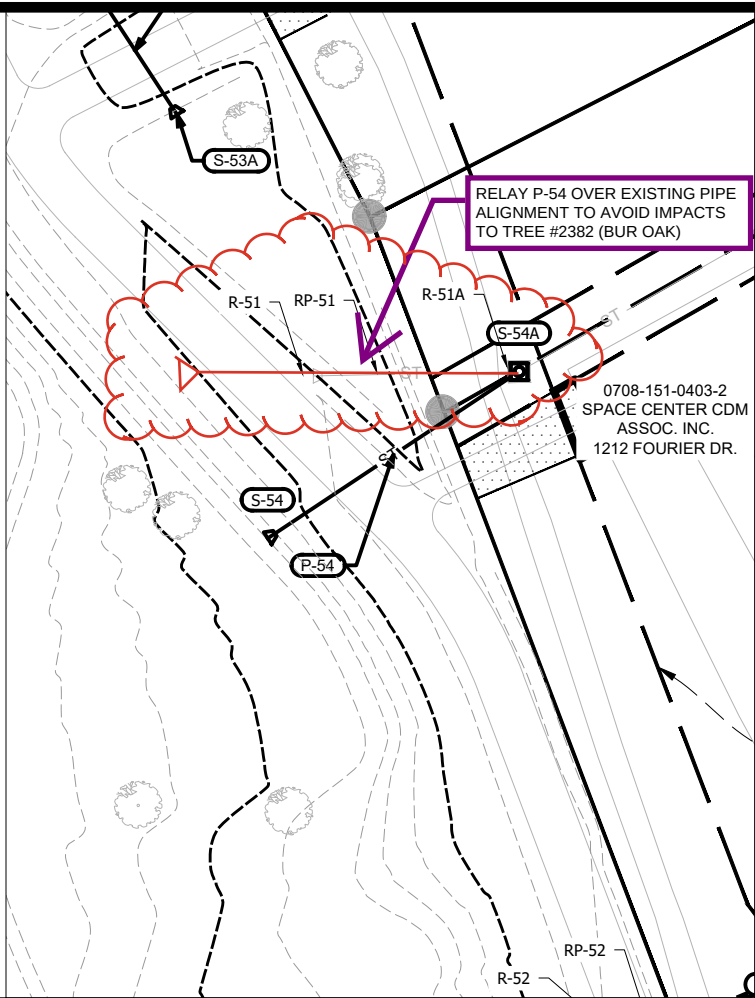
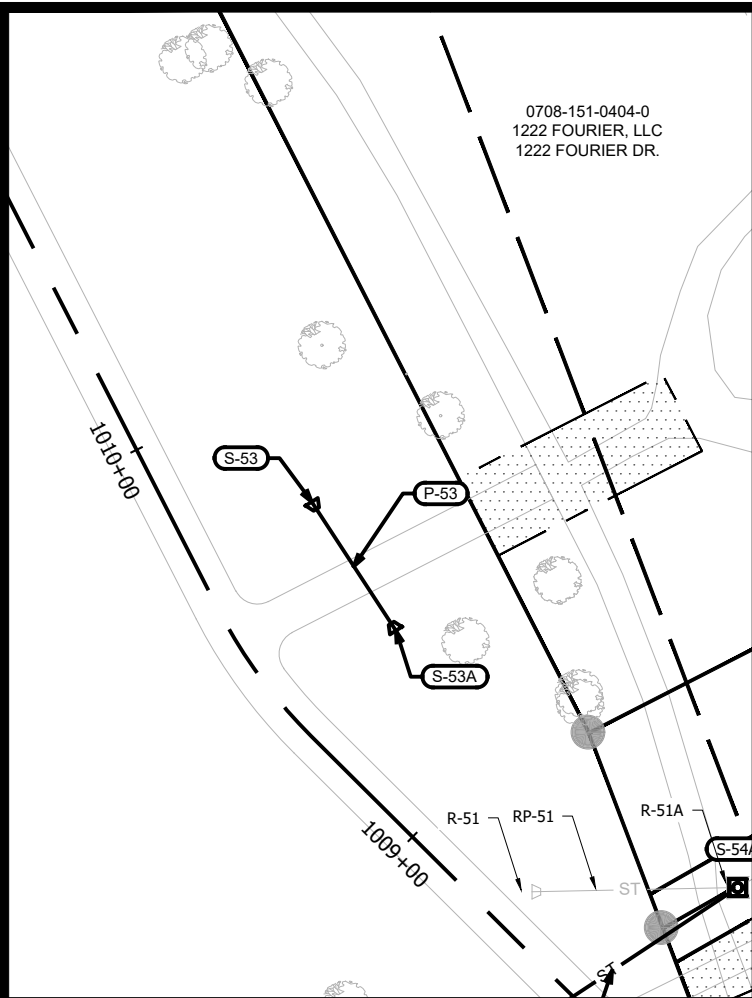
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14370	MADISON, WI	9517
CONTRACT NO:		
UTILITY PLAN AND PROFILE - GREENWAY CULVERTS		
PHEASANT BRANCH GREENWAY ENHANCEMENT		
14370		
U15		

Scale: 11/6/2024 4:07 PM
Designed By: JPC
MARK
REVISION
DATE
BY
U15

City of Madison Wisconsin

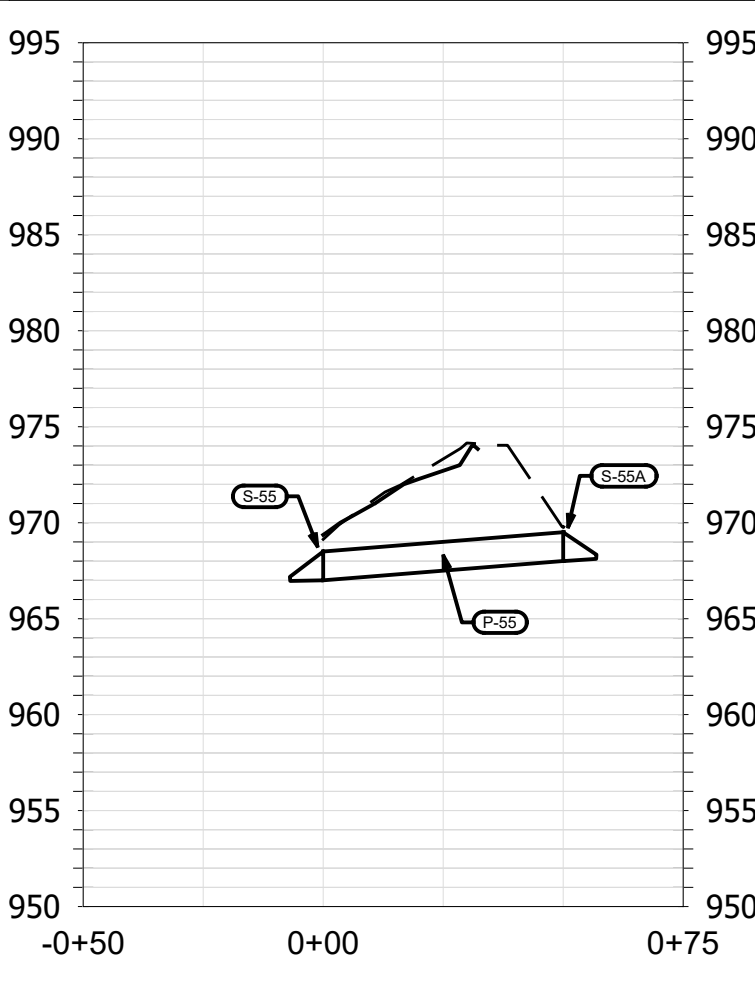
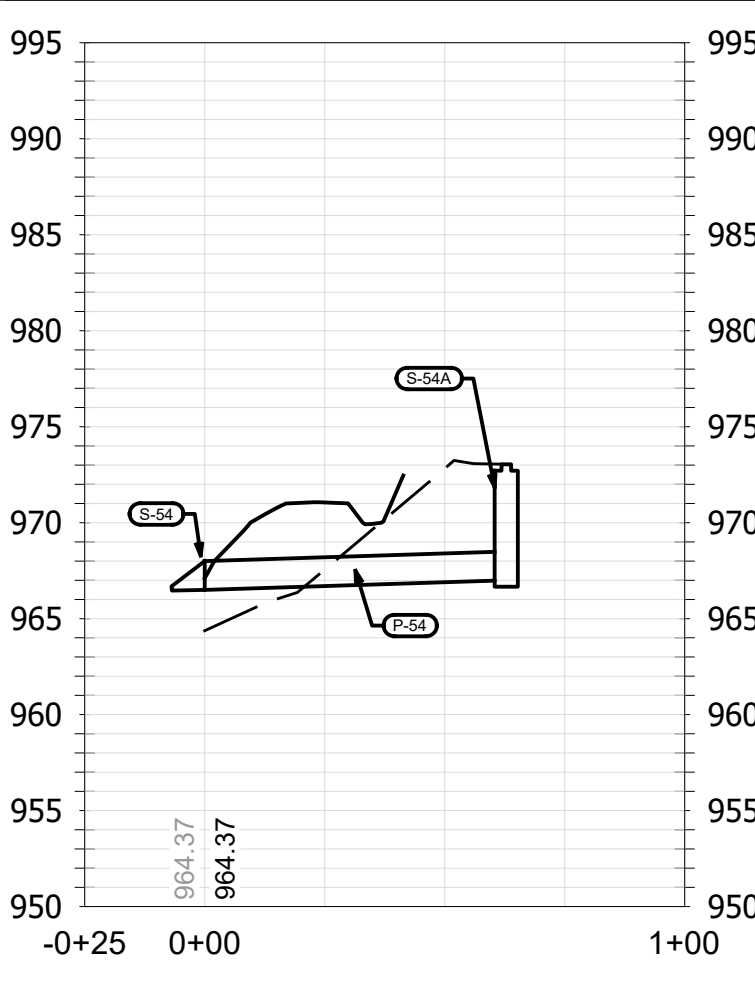
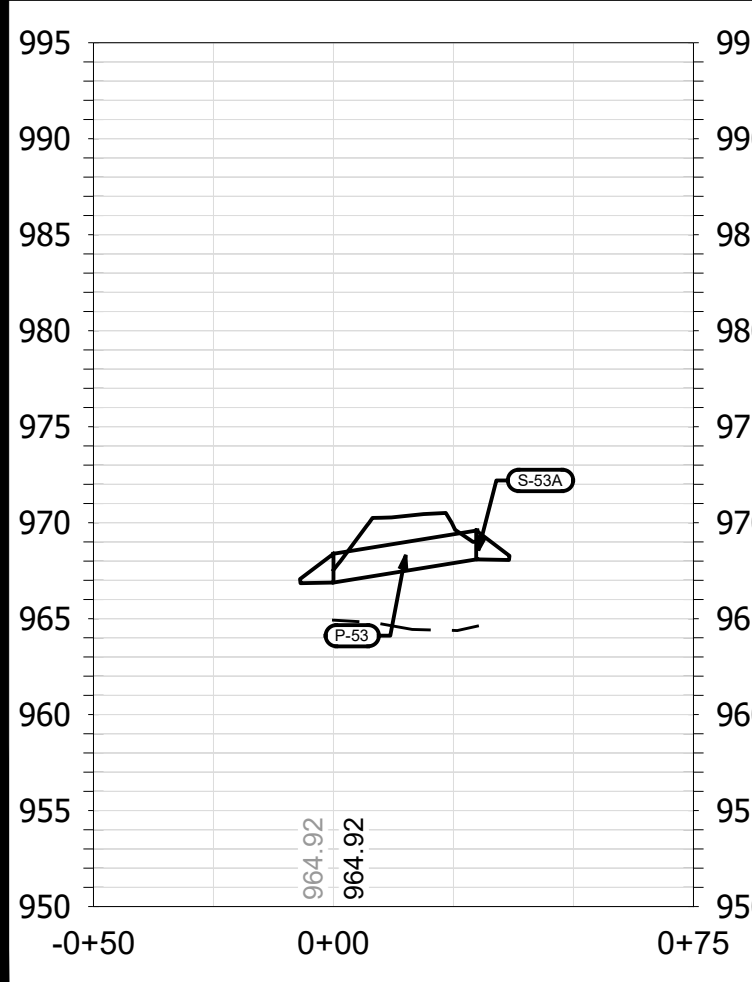


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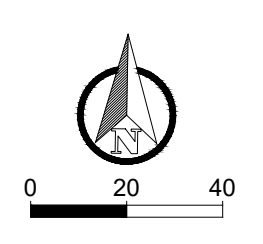
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SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
[Symbol]	PROPOSED GATE VALVE
[Symbol]	PROPOSED STORM STRUCTURE
[Symbol]	PROPOSED SANITARY STRUCTURE
[Symbol]	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
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10"W	EXISTING WATERMAIN
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[Symbol]	TYPE III TRENCH PATCH
[Symbol]	TEMPORARY EASEMENT
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[Symbol]	WETLAND
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[Symbol]	SAWCUT PAVEMENT (FULL DEPTH)
[Symbol]	REMOVE TREE AND DBH
[Symbol]	LIGHT POLE (SEE PLAN NOTE)

REVISION 2:
-CHANGED
ALIGNMENT OF P-54

ADDENDUM NOTE:
-UPDATE LEGEND



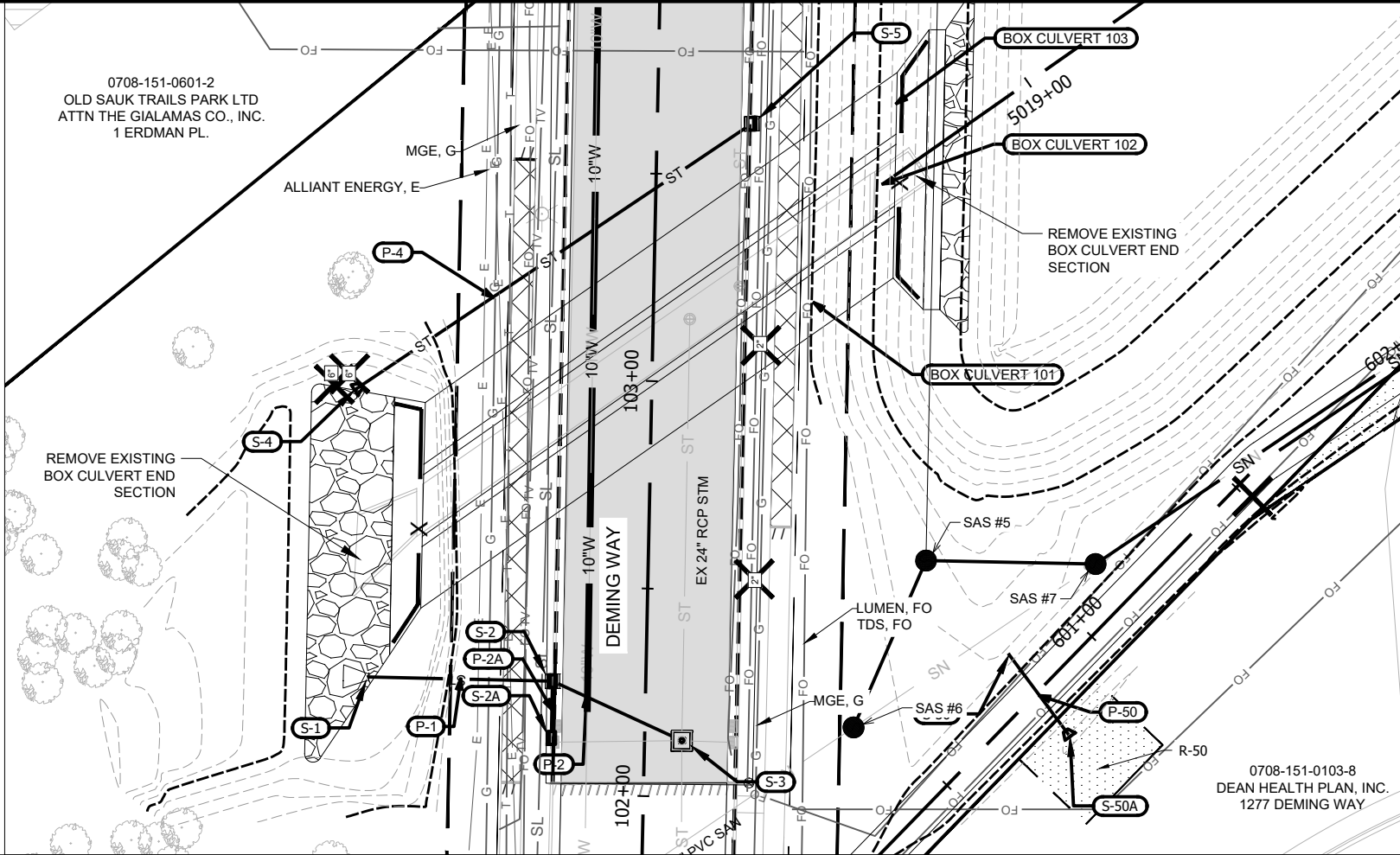
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14370	MADISON, WI	9517
CONTRACT NO:		
UTILITY PLAN AND PROFILE - GREENWAY CULVERTS		
PHEASANT BRANCH GREENWAY ENHANCEMENT		
14370		
U16		

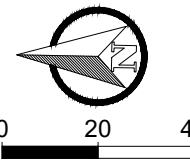
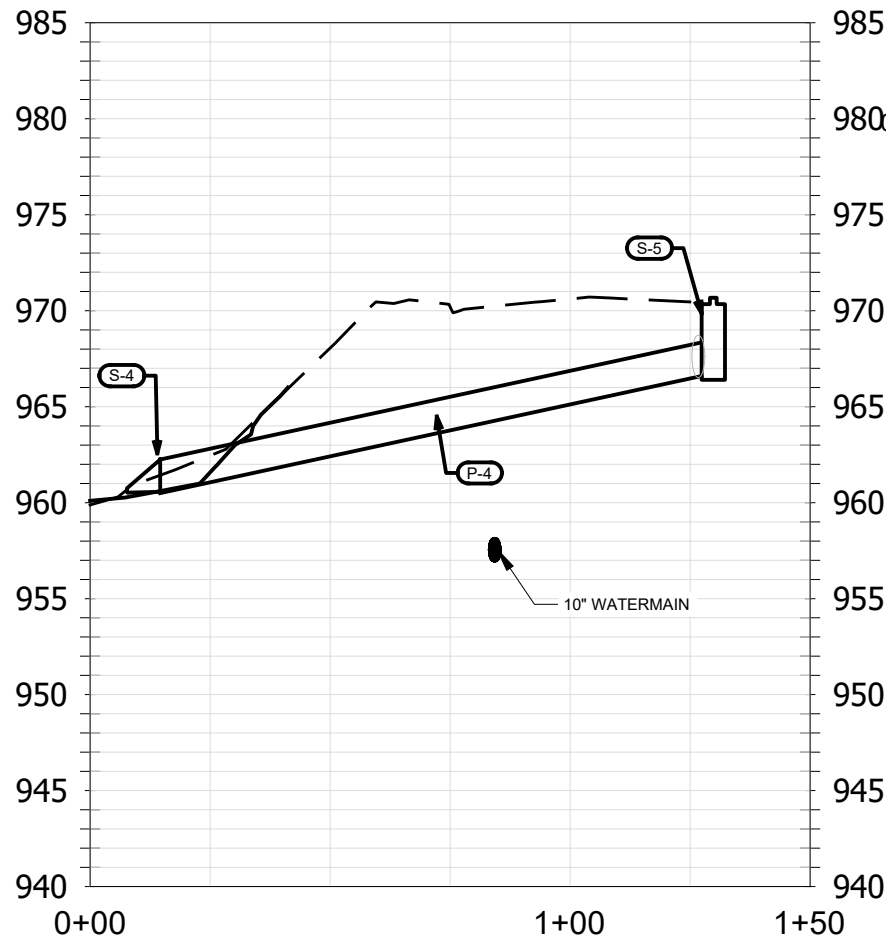
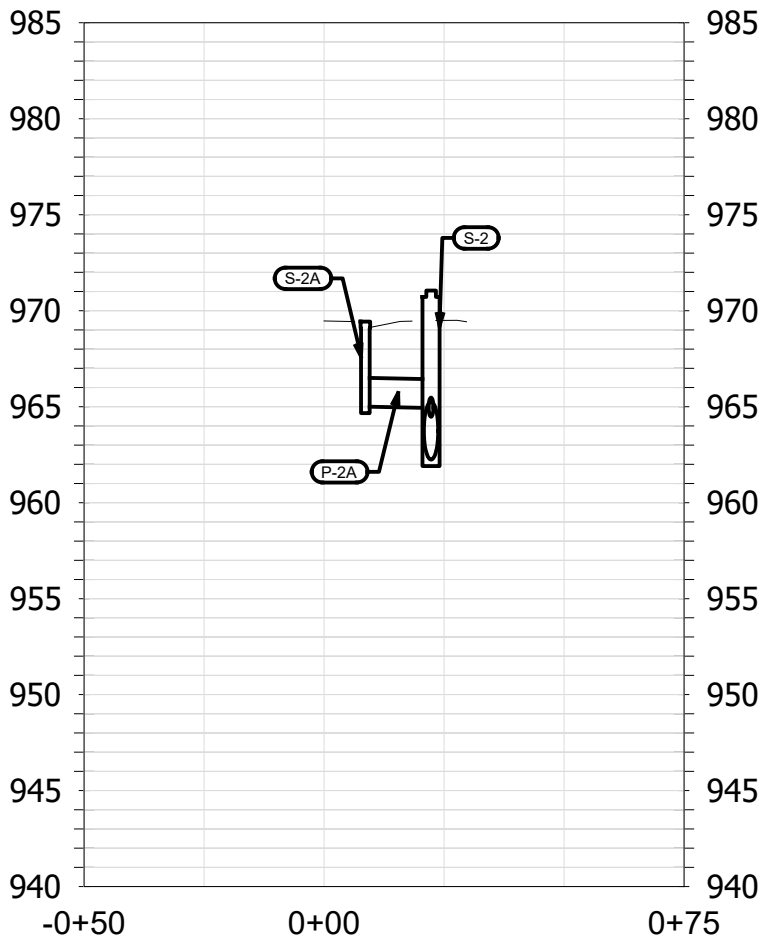
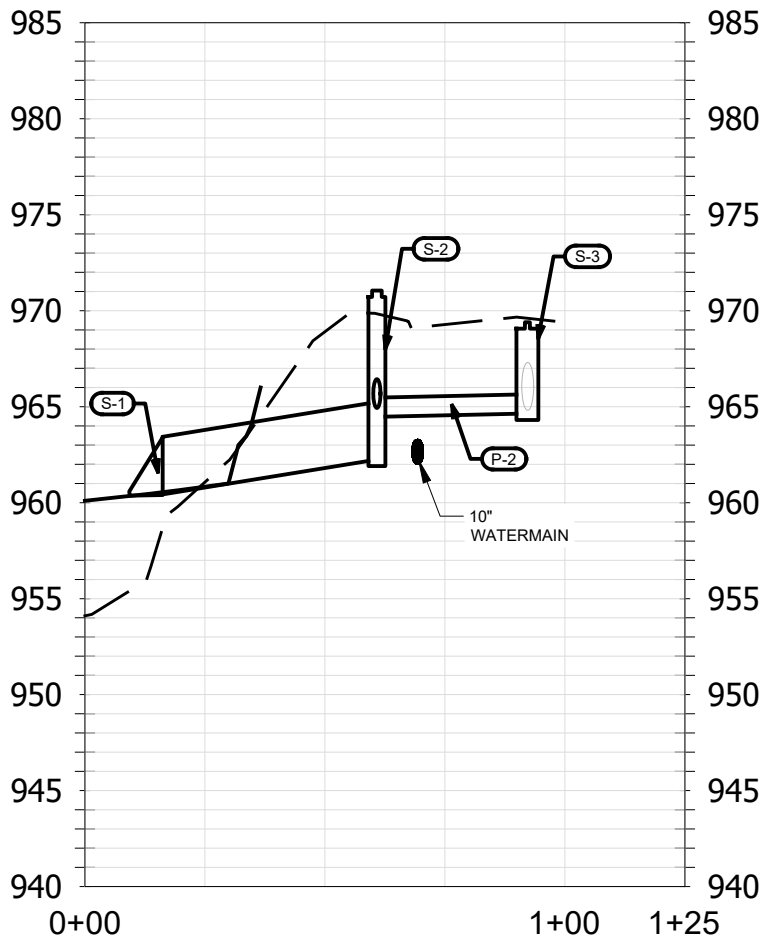
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Designed By: JPC
Date: 11/6/2024 4:08 PM
Revision: 14370
By: U16

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LEGEND	
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	PROPOSED GATE VALVE
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ADDENDUM NOTE:
-UPDATE LEGEND



UTILITY PLAN AND PROFILE - STORM CROSSINGS
PHEASANT BRANCH GREENWAY ENHANCEMENT

14370
MADISON, WI

REVISION
DATE
BY
U17

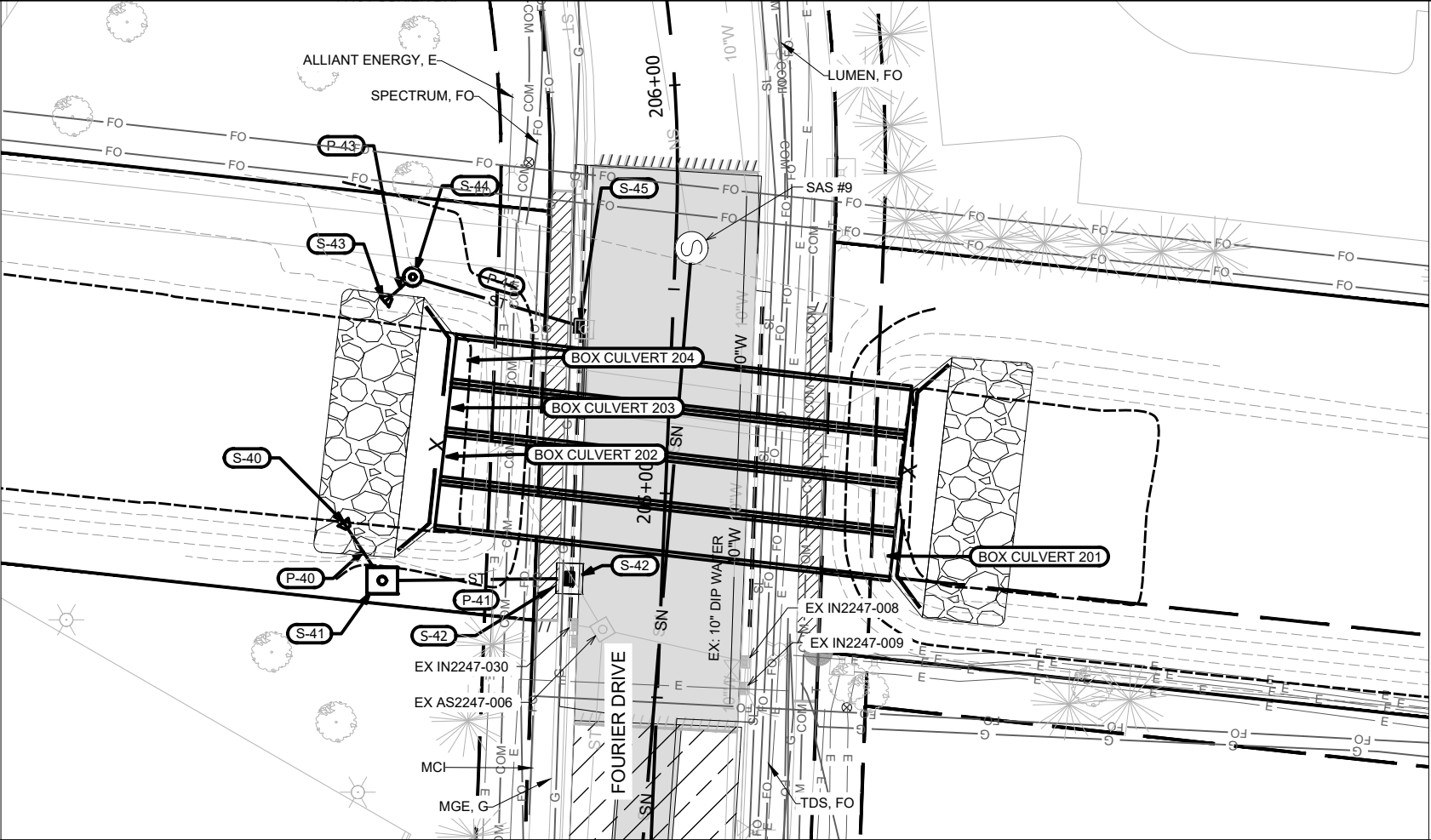
CONTRACT NO.: 9517



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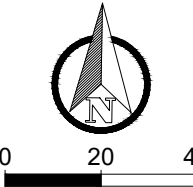
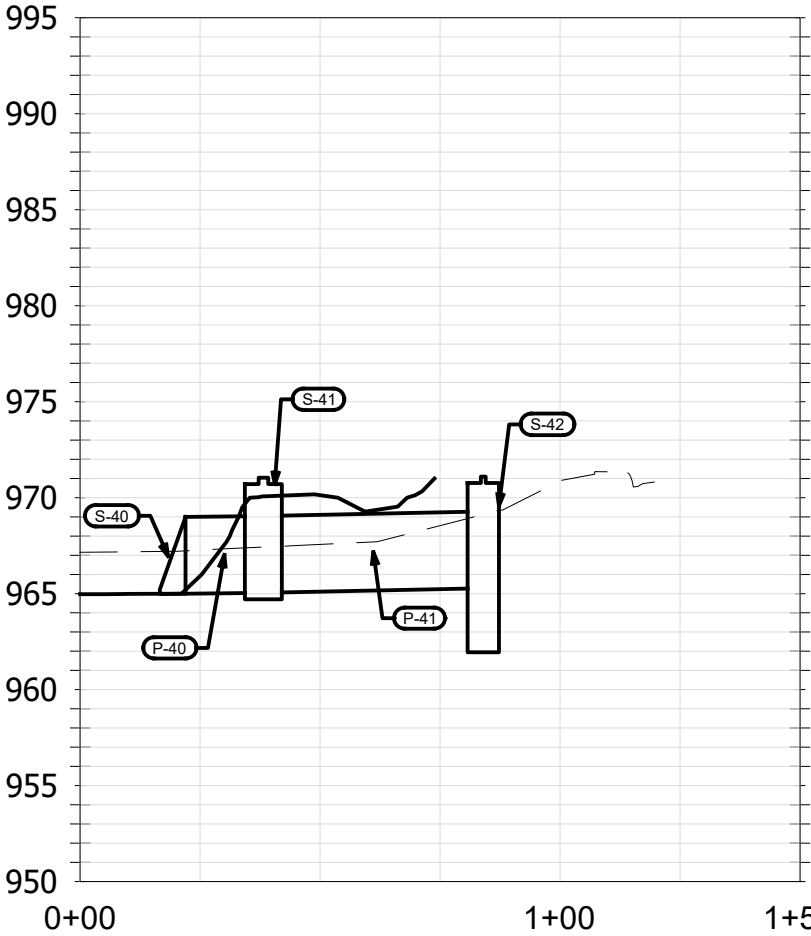
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SN	PROPOSED SANITARY PIPE
10\"W	PROPOSED WATERMAIN LOWERING
	PROPOSED GATE VALVE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY STRUCTURE
	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
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ADDENDUM NOTE:
-UPDATE LEGEND



UTILITY PLAN AND PROFILE - STORM CROSSINGS

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

U18

14370

MADISON, WI

9517

CONTRACT NO:

REVISION

DATE

BY

Scale: 11/6/2024 4:08 PM

AS SHOWN

U18

DEMING WAY

6" OF TOPSOIL AND
VEGETATIVE SEEDING

1:3

100 YR. EL.=969.26

50 YR. EL.=967.83

10 YR. EL.=965.39

PER SDD 5.5.1A&b
WINGWALL
THICKNESS SHOULD
BE 10" WITH 2 MATS
OF REINFORCEMENT.

6' X 12'

FLOW

WINGWALL AND SPLASHPAD

CREATE 6" VERTICAL
EDGE ON BOTH
WINGWALLS

EXTEND SPLASHPAD DETAIL 5.5.1A
LONGITUDINALLY TO THE END OF CUTOFF WALL

2' HEAVY RIPRAP

NWL=960.85

1:3

GEOTEXTILE, TYPE HR

1' EXCAVATION
3" CLEAR STONE (INCIDENTAL)

REINFORCEMENT SHALL BE IN ACCORDANCE WITH SDD 5.5.1A&B
AND AS AMENDED BY THIS DRAWING IN REGARD TO THE
SANITARY SEWER PROTECTION AREA

DROPWALL

8"

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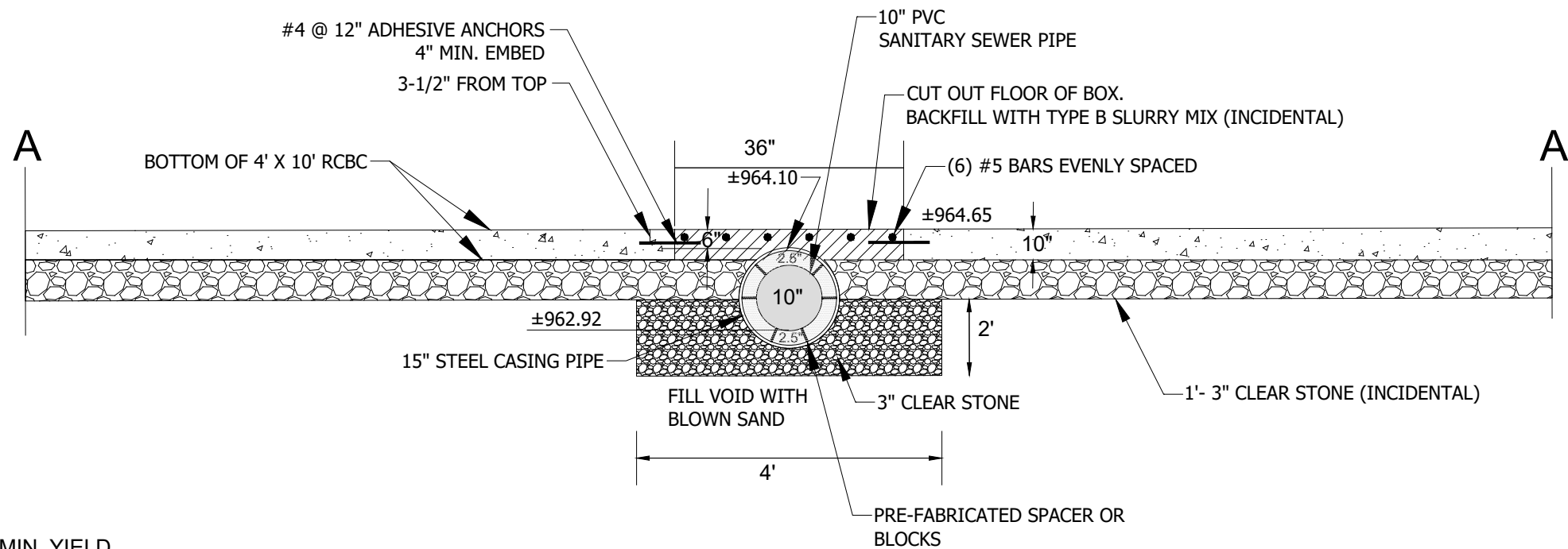
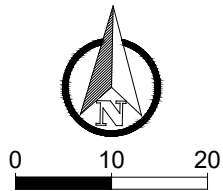
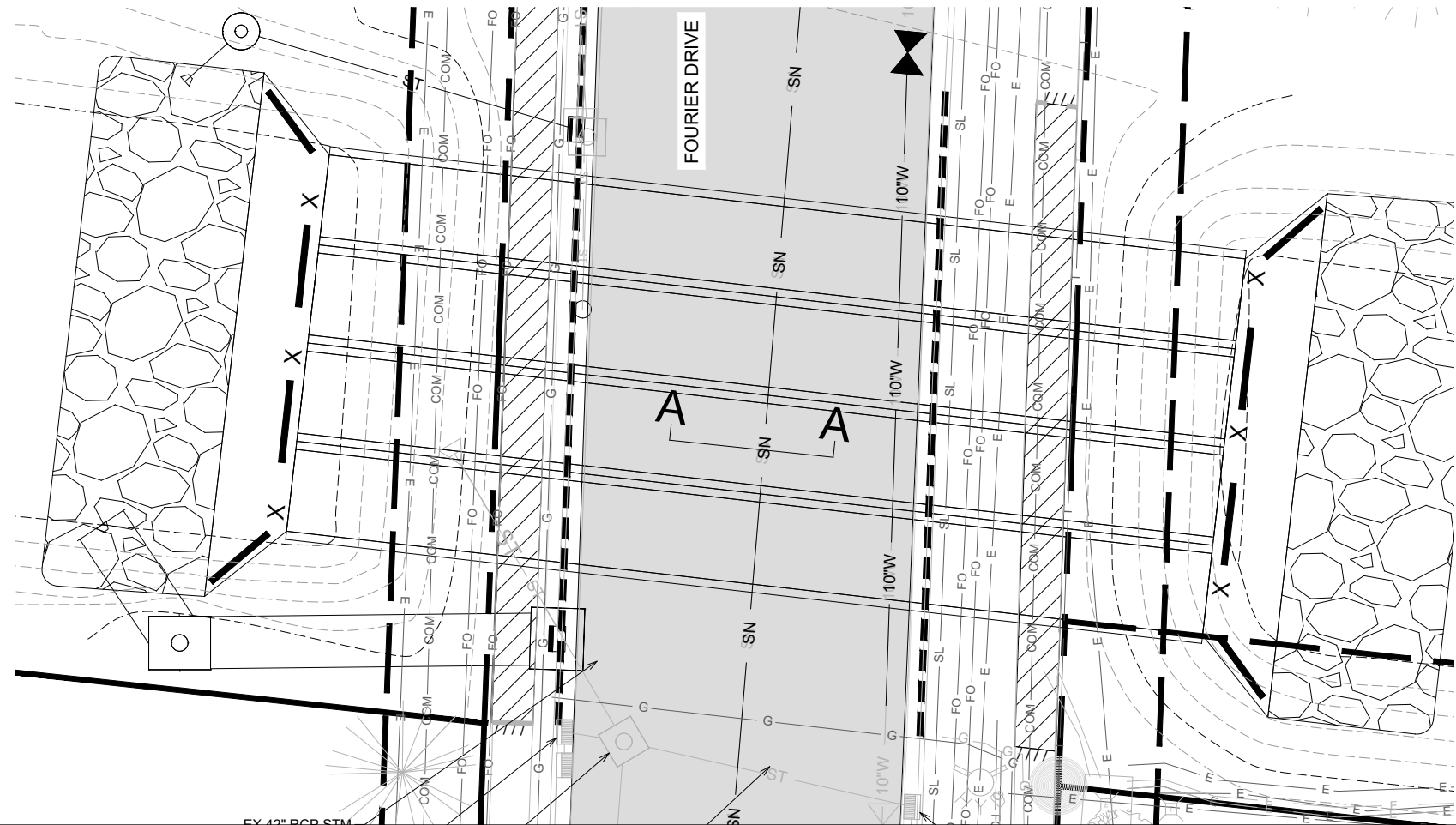
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NOTE: CASING PIPE WITH 35,000 P.S.I MIN. YIELD STRENGTH. FOR MATERIAL OF LOWER YIELD STRENGTH, INCREASE THICKNESS AN ADDITIONAL 1/16". CASING WALL MIN. THICKNESS 0.3125". STEEL CASING FOR E80 LOADING

D-2

SANITARY SEWER CASING
FOURIER DRIVE

NOT TO SCALE

UTILITY DETAILS

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

MADISON, WI

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CONTRACT NO:

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Designed By: JPC

Date: 10/16/2024 3:12 PM

Scale: NO SCALE

BY

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SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
DEMING WAY						
SAS #0A	108+40.90	RT-40.08	976.65	956.95	19.70	1, 2, 3
SAS #0	108+82.81	RT-23.24	976.1	956.76	19.34	1, 2, 6
SAS #1	107+40.08	CL	975.83	957.00	18.83	1, 2, 4
SAS #2	105+96.52	RT-10.20	974.22	957.10	17.12	1, 2, 4
SAS #3	104+48.37	CL	972.41	957.20	15.21	1, 2, 4
GREENWAY SOUTH OF DEMING WAY						
SAS #4	23+09.07	CL	966.35	957.25	9.10	1, 2, 4
SAS #5	21+18.84	CL	967.34	957.38	9.96	1, 2, 4
SAS #6	20+75.00	CL	969.46	959.91	9.55	1, 2, 3
SAS #7	13+15.34	CL	968.49	957.56	10.93	1, 2, 4
FOURIER DRIVE						
SAS #8	202+42.21	RT-11.41	971.46	962.00	9.34	1, 2, 3
SAS #9	205+60.26	RT-3.92	971.67	963.00	8.61	1, 2, 3

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
DEMING WAY						
SAS #2145-009	108+82.81	RT-23.24	976.34	956.76	19.58	-
FOURIER DRIVE						
SAS #2247-007	202+42.21	RT-11.01	971.54	962.44	9.10	-
SAS #2247-006	205+60.26	RT-3.92	971.90	963.30	8.60	-

SANITARY STRUCTURES ADJUSTMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	PROP ELEV.	ADJUST DIFF.	NOTES
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SANITARY STRUCTURE ABANDONEMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.
SAS #2145-004	105+68.71	RT-219.52	972.92
SAS #2145-005	106+94.70	RT-149.23	976.34
SAS #2145-001	108+27.51	RT-47.10	978.02

SPECIFIC NOTES

- [1] INSTALL EXTERNAL SAS WRAP ON BARREL JOINTS IN CONFORMANCE WITH CITY S.D.D. 5.7.2
- [2] INSTALL RIGID INTERNAL CHIMNEY SEAL IN ACCORDANCE WITH SDD 5.7.17
- [3] 4' DIA SAS
- [4] 5' DIA SAS
- [5] 6' DIA SAS
- [6] 9' DIA SAS

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
DEMING WAY								
SAS #0A	SAS #0	956.80	956.95	49	0.31%	15"	SDR-26	-
SAS #0	SAS #1	956.90	957.00	148	0.07%	27"	PS115, ASTM-F679	-
SAS #1	SAS #2	957.00	957.10	145	0.07%	27"	PS115, ASTM-F679	-
SAS #2	SAS #3	957.10	957.20	150	0.07%	27"	PS115, ASTM-F679	-
SAS #3	SAS #4	957.20	957.25	67	0.07%	27"	PS115, ASTM-F679	-
SAS #4	SAS #5	957.25	957.38	190	0.07%	27"	RFP ASTM D3754-19	-
SAS #5	SAS #6	958.96	959.91	44	2.16%	8"	SDR-35	-
SAS #5	SAS #7	957.48	957.56	41	0.20%	27"	PS 46, ASTM-F679	-
SAS #7	SAS #2146-003	957.66	958.02	265	0.14%	27"	PS 46, ASTM-F679	-
FOURIER DRIVE								
SAS #2247-001	SAS #8	961.42	962.00	207	0.28%	10"	SDR-26	18" STEEL CASING
SAS #8	SAS #9	962.10	963.00	320	0.28%	10"	SDR-26	18" STEEL CASING

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	PLAN (PAY) LGTH (FT)	NOTES
DEMING WAY							
SAS #0A	SAS #0	50	RCP	27"	Y	50	-
SAS #2145-004	SAS #2146-003	259	RCP	27"	Y	259	-
SAS #2146-003	SAS #2145-006	400	PVC	8"	Y	71	PAY FOR SAS #6 TO SAS #7
FOURIER DRIVE							
SAS #2247-001	SAS #2247-007	207	PVC	10"	N	0	-
SAS #2247-007	SAS #2247-006	320	PVC	10"	N	0	-
SAS #2145-009	PROPERTY LINE	50	RCP	27"	Y	50	-

SANITARY PIPE ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
SAS #2145-001	SAS #2145-005	198	RCP	27"	Y	ABANDON WITH PLUGS
SAS #2145-005	SAS #2145-004	207	RCP	27"	Y	ABANDON WITH PLUGS

REVISION NO. 2

1. UPDATED RIM ELEVATION OF SAS #8 AND SAS #9

SANITARY SEWER SCHEDULE

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

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MADISON, WI

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SAS #8 & 9 RIM ELEV

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REVISION

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ADDENDUM NOTE:
-UPDATED STORM PIPES
INVERTS

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
DEMING WAY							
S-1	102+27.32	LT-70.15	36" APRON END	-	960.45	-	RCP AE GATE
S-2	102+27.23	LT-22.47	3X3 SAS	969.48	962.24	7.24	3067-V
S-2A	102+13.55	LT-22.91	TERRACE INLET TYPE 3	969.41	965.00	4.41	3808(1), LP, FP
S-3	102+27.17	RT-8.95	4X4 SAS	969.4	964.64	4.76	R-1550, FP
S-4	102+96.39	LT-71.59	21" APRON END	-	960.50	-	RCP AE GRATE
S-5	103+62.50	RT-22.79	H INLET	970.78	966.73	4.05	3067-V, FP
S-6	102+68.84	LT-54.53	BOX CULVERT WINGWALL	-	-	-	NOTES 1, 3
S-7	103+50.80	RT-57.56	BOX CULVERT WINGWALL	-	-	-	NOTES 1, 3
DEMING WAY AT BLACKHAWK ROAD							
S-11	505+07.90	CL	4'X6" BOX WINGWALLS	-	979.77	-	NOTES 1, 2, 3
S-12	401+51.11	RT-29.64	8'X4" STRUCTURE	987.9	981.57	6.33	R-1550, W/2 R-1550, FP
S-13	401+42.13	RT-22.59	TERRACE INLET TYPE 2	987.54	981.63	5.91	3808(2), FP
S-13A	401+34.59	RT-22.64	TERRACE INLET TYPE 2	987.47	981.67	5.80	3808(2), FP
S-13B	401+51.00	LT-22.04	TERRACE INLET TYPE 2	987.54	981.85	5.69	3808(2), FP
S-13C	401+39.11	LT-22.21	TERRACE INLET TYPE 2	987.48	981.89	5.59	3808(2), FP
S-14	401+78.06	LT-20.57	6X6 SAS	987.78	981.86	5.92	3067-V, W/3 FT SUMP
S-15	402+74.37	LT-21.71	4X4 SAS	988.1	982.34	5.76	3067-V, FP
S-15A	402+91.90	LT-53.54	3X3 SAS	989.32	983.36	5.96	R-1550, FP
S-16	403+01.96	RT-22.23	TERRACE INLET TYPE 2	988.32	983.40	4.92	3808(2), FP
S-17	403+76.58	RT-22.60	TERRACE INLET TYPE 2	988.81	983.60	5.21	3808(2), FP
S-17A	403+78.13	LT-22.36	TERRACE INLET TYPE 2	988.67	984.54	4.13	3808(2), FP
S-17B	403+89.22	LT-22.21	TERRACE INLET TYPE 2	988.65	984.60	4.05	3808(2), FP
DEMING WAY - SOUTHWEST CULVERT AREA							
S-20	301+57.77	LT-56.62	43"X68" RCP APRON END	-	988.06	-	RCP AE GATE
S-21	301+59.13	LT-22.57	TERRACE INLET TYPE 3	993.82	988.23	5.59	3808(1), FP
S-21A	301+51.11	LT-21.84	TERRACE INLET TYPE 3	993.72	989.72	4.00	3808(1), FP
S-22	301+59.76	LT-7.02	6X7	993.96	988.30	5.66	R-1550, W/3 FT SUMP
S-23	301+59.76	RT-21.68	TERRACE INLET TYPE 3	993.80	989.31	4.49	3808(1), FP
S-23A	301+51.26	RT-21.76	TERRACE INLET TYPE 3	993.81	989.35	4.46	3808(1), FP
S-24	301+35.02	LT-52.89	4'X8" BOX WINGWALLS	-	987.34	-	NOTES 1, 3
S-25	301+29.65	RT-49.13	4'X8" BOX WINGWALLS	-	987.36	-	NOTES 1, 3
FOURIER DRIVE							
S-40	204+86.92	LT-77.11	48"X76" RCP APRON END	-	964.50	-	RCP AE GATE
S-41	204+75.83	LT-68.38	6X7	971.04	965.04	6.00	R-1550, FP
S-42	204+78.21	LT-22.59	6X7 INLET	971.12	964.75	6.37	3067-V, W/3 FT SUMP
S-43	205+40.00	LT-74.66	24" RCP APRON END	-	964.50	-	RCP AE GATE
S-44	205+50.35	LT-63.98	3X3 SAS	968.36	964.60	3.76	R-1550, FP
S-45	205+40.12	LT-22.84	3X3	971.26	964.89	6.37	3067-V
S-46	205+12.87	LT-54.32	BOX CULVERT WINGWALL	-	-	-	NOTES 1, 3
S-47	205+04.82	RT-57.39	BOX CULVERT WINGWALL	-	-	-	NOTES 1, 3
POND CULVERTS							
S-50	600+83.02	LT-11.21	18" RCP APRON END	-	967.65	-	RCP AE GATE
S-50A	600+77.70	RT-21.67	18" RCP APRON END	-	967.77	-	RCP AE GATE
S-51	1014+13.04	LT-33.90	18" RCP APRON END	-	965.00	-	RCP AE GATE
S-51A	1014+10.02	RT-11.28	3X3 SAS	974.83	965.91	8.92	R-1550
S-52	1010+63.76	LT-31.09	18" RCP APRON END	-	961.00	-	RCP AE GATE
S-52A	1010+96.48	RT-16.14	3X3 SAS	965.01	961.80	3.21	2560-D1W, FIELD POUR
S-53	1009+73.73	RT-27.55	18" RCP APRON END	-	966.80	-	-
S-53A	1009+33.81	RT-27.60	18" RCP APRON END	-	968.10	-	-
S-54	1008+57.19	LT-21.23	18" RCP APRON END	-	966.50	-	RCP AE GATE
S-54A	1008+44.53	RT-40.29	3X3 SAS	973.04	967.00	6.04	R-1550
S-55	1007+14.71	LT-22.28	18" RCP APRON END	-	967.00	-	-
S-55A	1007+09.27	RT-27.60	18" RCP APRON END	-	968.00	-	-

SPECIFIC NOTES

1] STATION AND OFFSET OF WINGWALL STRUCTURES TAKEN AT CONNECTION TO PIPE LOCATION
2] GATE REQUIRED PER SDD 5.6.3
3] WINGWALL TO BE CONSTRUCTED [ER SDD 5.5.1 A&B

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
DEMING WAY										
P-1	S-1	S-2	960.45	962.24	44.27	44.2	4.05%	36"	RCP	-
P-2	S-2	S-3	964.47	964.64	33.78	31.16	0.55%	36"	RCP	-
P-2A	S-2	S-2A	964.93	965.00	13.68	12.44	0.56%	18"	RCP	-
P-4	S-4	S-5	960.50	966.73	115.4	113.8	5.48%	21"	RCP	-
BOX CULVERT 101	S-6	S-7	960.50	960.85	138.9	138.9	0.25%	144"x72"	RCP	RCBC
BOX CULVERT 102	S-6	S-7	960.50	960.85	138.9	138.9	0.25%	144"x72"	RCP	RCBC
BOX CULVERT 103	S-6	S-7	960.50	960.85	138.9	138.9	0.25%	144"x72"	RCP	RCBC
DEMING WAY AT BLACKHAWK ROAD										
BOX CULVERT 401	-	BOX CULVERT 402	979.77	981.34	392	389.0	0.40%	72"x48"	RCP	NOTE 2, RCBC
P-11 PRECAST BEND	BOX CULVERT 401	BOX CULVERT 403	981.34	981.34	-	-	0.00%	72"x48"	RCP	15.5 DEGREES, RCBC
BOX CULVERT 403	P-11	S-12	981.34	981.57	46.19	40.2	0.57%	72"x48"	RCP	RCBC
P-12	S-12	S-14	981.57	981.86	58.64	54.5	0.53%	36"	RCP	-
P-12A	S-12	S-13	981.57	981.63	11.89	7.0	0.86%	36"	RCP	-
P-13	S-13	S-13B	981.63	981.85	45.09	43.8	0.50%	36"	RCP	-
P-13A	S-13	S-13A	981.63	981.67	7.96	6.74	0.59%	18"	RCP	-
P-13B	S-13B	S-13C	981.85	981.91	11.24	10	0.60%	18"	RCP	-
P-14	S-14	S-15	981.86	982.34	96.32	88.8	0.54%	36"	RCP	-
P-15	S-15	S-15A	982.78	983.36	36.34	33.2	1.75%	36"	RCP	-
P-16	S-16	S-17	983.23	983.60	74.62	72.1	0.51%	36"	RCP	-
P-16A	AS #2047-008	S-16	983.13	983.23	13.04	11.8	0.85%	36"	RCP	TAP AS #2047-008
P-17	S-17	S-17A	984.32	984.54	44.99	43.4	0.51%	24"	RCP	-
P-17A	S-17A	S-17B	984.54	984.60	11.07	9.80	0.61%	18"	RCP	-
DEMING WAY - SOUTHWEST CULVERT AREA										
P-20	S-20	S-21	988.06	988.23	34.09	33.5	0.51%	43"x68"	HERCP	BID ITEM 50487
P-21	S-21	S-22	988.23	988.30	15.56	12.46	0.56%	43"x68"	HERCP	BID ITEM 50487
P-21A	S-21	S-21A	989.68	989.72	8.5	7.3	0.55%	18"	RCP	-
P-22	S-22	S-23	989.17	989.31	28.7	24.2	0.58%	24"	RCP	-
P-23	S-23	S-23A	989.31	989.35	8	5.4	0.74%	18"	RCP	-
BOX CULVERT 301	S-24	S-25	987.34	987.36	102.2	102.2	0.02%	96"x48"	RCP	RCBC
FOURIER DRIVE										
P-40	S-40	S-41	964.50	964.60	12.88	10.9	0.92%	48"x76"	HERCP	BID ITEM 50488
P-41	S-41	S-42	964.60	964.75	46.13	43.2	0.35%	48"x76"	HERCP	BID ITEM 50488
P-43	S-43	S-44	964.50	964.60	14.88	12.9	0.78%	24"	RCP	-
P-44	S-44	S-45	964.60	964.89	42.39	39.4	0.74%	24"	RCP	-
BOX CULVERT 201	S-46	S-47	964.51	964.73	112	112.0	0.20%	120"x48"	RCP	RCBC
BOX CULVERT 202	S-46	S-47	964.51	964.73	112	112.0	0.20%	120"x48"	RCP	RCBC
BOX CULVERT 203	S-46	S-47	964.51	964.73	112	112.0	0.20%	120"x48"	RCP	RCBC
BOX CULVERT 204	S-46	S-47	964.51	964.73	112	112.0	0.20%	120"x48"	RCP	RCBC
POND CULVERTS										
P-50	S-50	S-50A	966.90	967.20	33.31	31.3	0.96%	18"	RCP	-
P-51	S-51	S-51A	965.00	965.91	45.3	43.3	2.10%	18"	RCP	-
P-52	S-52	S-52A	961.00	961.80	57.5	56.7	1.41%	18"	RCP	-
P-53	S-53	S-53A	966.80	968.10	32.05	31.9	4.08%	18"	RCP	-
P-54	S-54	S-54A	966.50	967.00	62.81	60.8	0.82%	18"	RCP	-
P-55	S-55	S-55A	967.00	968.00	50.2	50.2	1.99%	18"	RCP	-

STANDARD NOTES:

ABBREVIATIONS: AE = APRON ENDWALL; RCF = 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

TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAGS.
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

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 JOJO OBRIEN OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, EMAIL SHOP DRAWINGS TO JOBRIEN@CITYOFMADISON.COM.

PHEASANT BRANCH SHEET NO. _____
DISTRICT - 2023 U-STM
PROJECT NO. 14370
STORM SEWER SCHEDULE
CITY OF MADISON

[illegible]

14370
MADISON, WI
CONTRACT NO: 9517

STORM SEWER SCHEDULE

PHEASANT BRANCH GREENWAY ENHANCEMENT

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STORM SEWER SCHEDULE

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
DEMING WAY (NORTH CULVERT AREA)					
R-1	HH INLET	102+16.42	LT-21.28	INLET	HH INLET IN #2145-005
R-2	IN #2145-005	102+12.54	LT-21.64	INLET	HH INLET
R-3	AS #2145-001	102+13.54	RT-8.98	ACCESS STRUCTURE	-
DEMING WAY AT BLACKHAWK ROAD					
R-10	AE #2047-016	505+37.39	CL	APRON END	-
R-11	AS #2047-011	401+39.01	RT-32.38	ACCESS STRUCTURE	-
R-12	HH INLET	401+36.53	RT-21.22	INLET	HH INLET IN #2047-022
R-13	IN2047-022	401+40.33	RT-21.37	INLET	HH INLET
R-14	IN #2047-015	401+36.09	LT-20.84	INLET	HH INLET
R-14A	HH INLET	401+30.75	LT-20.50	INLET	HH INLET IN #2047-015
R-14B	IN #2047-023	401+40.50	LT-20.11	INLET	-
R-14C	IN #2047-014	401+45.89	LT-20.93	INLET	-
R-15	IN #2047-010	403+01.99	RT-21.40	INLET	-
R-16	IN #2046-002	403+76.63	RT-21.30	INLET	-
R-17	IN #2046-003	403+77.37	LT-21.16	INLET	-
R-18	IN #2046-004	403+88.98	LT-20.87	INLET	-
R-19	AS #2047-007	402+91.90	LT-50.54	ACCESS STRUCTURE	-
DEMING WAY - SOUTHWEST CULVERT AREA					
R-20	AE #2047-017	301+29.65	RT-49.18	APRON END	-
R-21	IN #2048-003	301+31.02	RT-19.74	INLET	-
R-22	IN #2048-002	301+32.62	LT-20.43	INLET	-
R-23	AE #2048-001	301+34.34	LT-54.43	APRON END	-
R-24	AE #2047-018	301+57.88	LT-56.63	APRON END	-
R-25	AS #2048-004	301+59.76	LT-7.02	ACCESS STRUCTURE	-
SOUTHWEST GREENWAY					
R-30	AE #2147-020	5001+35.30	LT-70.18	APRON END	-
R-30A	AE #2147-019	5001+30.70	LT-81.08	APRON END	-
R-31	AE #2147-017	5001+39.33	LT-72.27	APRON END	-
R-31A	AE #2147-018	5001+34.44	LT-82.59	APRON END	-
FOURIER DRIVE					
R-40	AE #2247-016	205+00.16	LT-35.93	APRON END	-
R-41	IN #2247-010	205+39.27	LT-21.45	INLET	-
GREENWAY CULVERTS					
R-51	AE #2146-004	1008+73.97	RT-9.46	APRON END	-
R-51A	AS #2146-003	1008+44.22	RT-40.9	ACCESS STRUCTURE	-
R-52	-	1007+26.17	LT-4.48	APRON END	PVT
R-52A	-	1007+08.95	RT-27.60	APRON END	PVT
R-53	AE #2147-027	1003+46.40	LT-18.62	APRON END	-
R-53A	AE #2247-035	1003+44.60	LT-2.93	APRON END	-
R-54	AE #2247-031	1003+42.48	LT-19.03	APRON END	-
R-54A	AE #2247-034	1003+40.12	LT-3.52	APRON END	-
R-55	AE #2146-014	1011+93.77	LT-90.01	APRON END	-
R-55A	AE #2146-016	1012+04.20	LT-95.51	APRON END	-
R-56	AE# 2146-011	1011+94.87	LT-84.80	APRON END	-
R-56A	AE #2146-013	1012+05.06	LT-92.75	APRON END	-
R-57	AE #2146-015	1011+95.50	LT-80.01	APRON END	-
R-57A	AE #2146-012	1012+05.63	LT-89.23	APRON END	-
R-58	AE #2145-001	5017+12.82	LT-72.34	APRON END	SALVAGE/REINSTALL
R-59	AE #2145-017	1018+16.36	LT-40.68	APRON END	-
R-59A	AE #2145-016	1018+40.76	LT-32.40	APRON END	-
R-60	AE #2145-021	1018+12.39	LT-37.04	APRON END	-
R-60A	AE #2145-018	1018+34.92	LT-26.07	APRON END	-
R-61	AE #2145-020	1018+12.02	LT-31.83	APRON END	-
R-61A	AE #2145-019	1018+34.95	LT-20.96	APRON END	-
R-62	-	5014+02.02	LT-114.39	APRON END	PVT, SALVAGE/REINSTALL

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
DEMING WAY (NORTH CULVERT AREA)							
RP-1	TP2145-007	S-3	102	24"	RCP	N	-
RP-2	TP2145-006	S-2A	36	21"	RCP	N	-
RP-3	IN #2145-005	AS #2145-001	31	18"	RCP	N	-
DEMING WAY AT BLACKHAWK ROAD							
RP-10	AE #2047-016	AS #2047-011	461	36"	RCP	N	-
RP-11	AS #2047-011	IN #2047-002	11	24"	RCP	N	-
RP-13	IN #2047-022	IN #2047-015	43	24"	RCP	N	-
RP-15	IN #2047-015	IN #2047-023	4	12"	RCP	N	-
RP-16	IN #2047-023	IN #2047-014	5	12"	RCP	N	-
RP-17	AS #2047-008	IN #2047-010	14	18"	RCP	N	-
RP-18	IN #2047-010	IN #2046-002	75	18"	RCP	N	-
RP-19	IN #2046-002	IN #2046-003	43	15"	RCP	N	-
RP-20	IN #2046-003	IN #2046-004	12	15"	RCP	N	-
RP-21	10 FT EAST S-15A	AS #2047-007	10	36"	RCP	N	-
DEMING WAY - SOUTHWEST CULVERT AREA							
RP-20	AE #2047-017	IN #2048-003	29	60"	RCP	N	-
RP-21	IN #2048-003	IN #2048-002	41	60"	RCP	N	-
RP-22	IN #2048-002	AE #2048-001	34	60"	RCP	N	-
RP-23	AE #2047-018	AS #2048-004	50	36"	RCP	N	-
SOUTHWEST GREENWAY							
RP-30	AE #2147-020	AE #2147-019	12	24"	RCP	N	-
RP-31	AE #2147-017	AE #2147-018	12	24"	RCP	N	-
FOURIER DRIVE							
RP-40	AE #2247-016	S-42	24	42"	RCP	N	-
RP-41	TP #2247-019	IN #2247-010	21	18"	RCP	N	-
GREENWAY CULVERTS							
RP-51	AE #2146-004	AS #2146-003	43	21"	RCP	N	-
RP-52	-	AE #2247-035	30	24"	RCP	Y	VERIFY SIZE PVT
RP-53	AE #2147-027	AE #2247-035	10	24"	RCP	Y	VERIFY SIZE
RP-54	AE #2247-031	AE #2247-034	10	24"	RCP	Y	VERIFY SIZE
RP-55	AE #2146-014	AE #2146-016	22	24"	RCP	Y	VERIFY SIZE
RP-56	AE# 2146-011	AE #2146-013	22	24"	RCP	Y	VERIFY SIZE
RP-57	AE #2146-015	AE #2146-012	22	24"	RCP	Y	VERIFY SIZE
RP-58	AE #2145-001	24' WEST	22	24"	RCP	Y	VERIFY SIZE
RP-59	AE #2145-016	AE #2145-021	30	36"	RCP	Y	VERIFY SIZE
RP-60	AE #2145-018	AE #2145-021	30	24"	RCP	Y	VERIFY SIZE
RP-61	AE #2145-019	AE #2145-020	30	36"	RCP	Y	VERIFY SIZE
ABANDON STORM PIPES							
REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
DEMING WAY AT BLACKHAWK ROAD							
AB-10	AS #2047-008	AS #2047-007	76	36"	RCP	Y	-

STANDARD NOTES:

- 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

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.

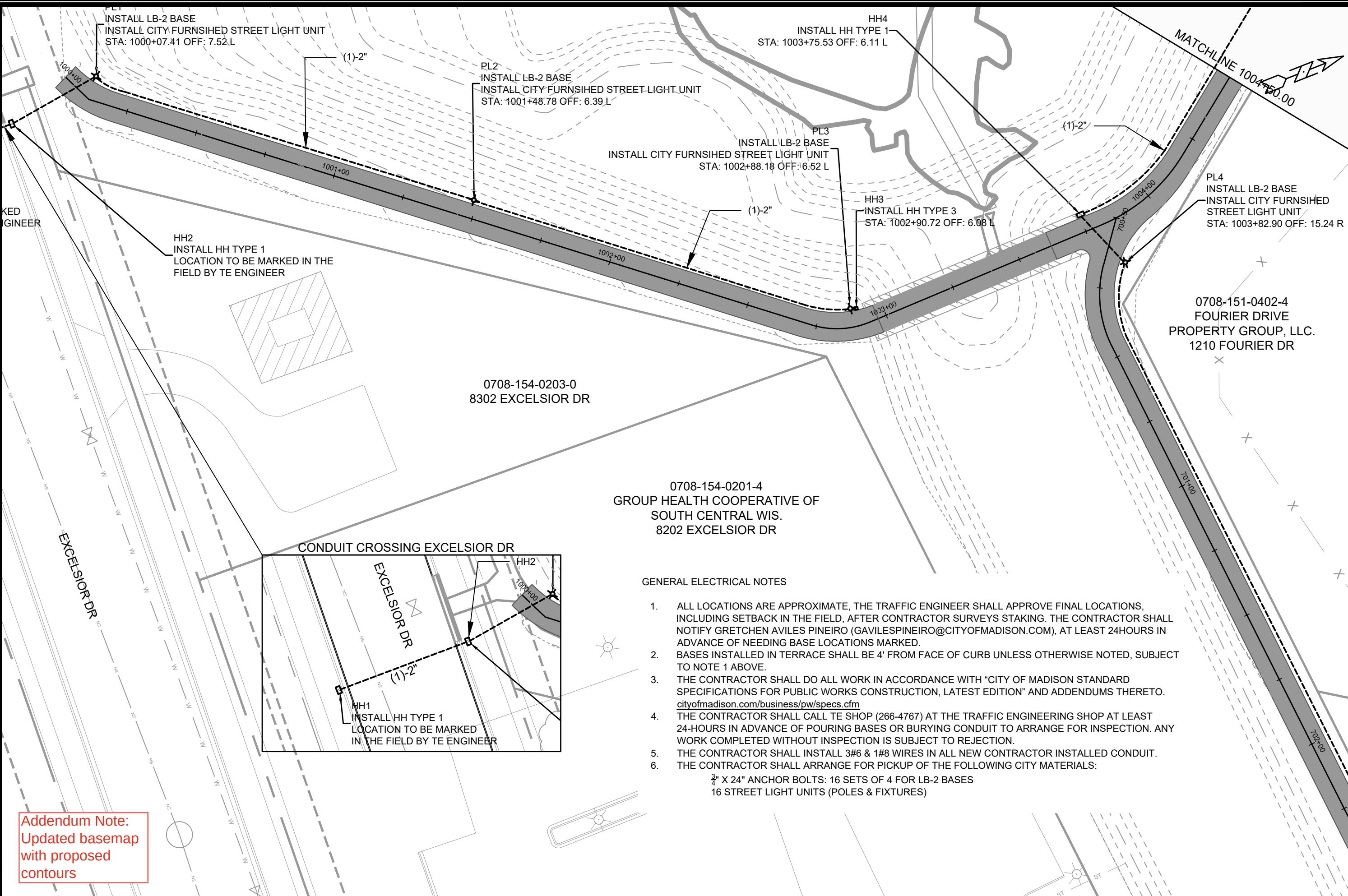
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

PHEASANT BRANCH DISTRICT - 2023	SHEET NO. U-STM
PROJECT NO. 14370 STORM SEWER SCHEDULE CITY OF MADISON	

				BY
				DATE
				REVISION
				Date: 10/16/2024 3:12 PM
MARK	Designed By: JPC	14370		U23

14370	MADISON, WI
STORM SEWER REMOVAL SCHEDULE	PHEASANT BRANCH GREENWAY ENHANCEMENT
9517	CONTRACT NO:





Addendum Note:
Updated basemap
with proposed
contours

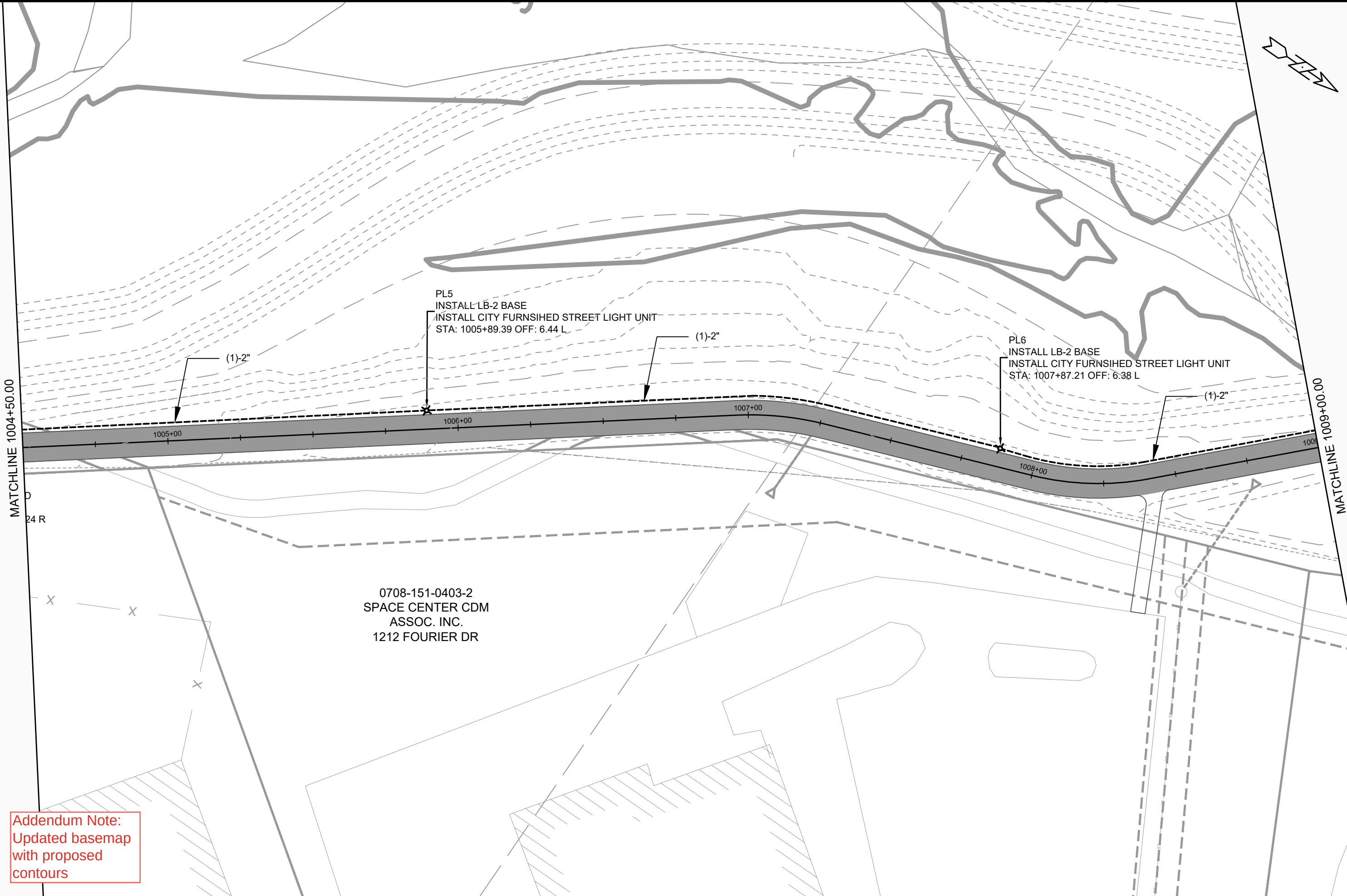
GENERAL ELECTRICAL NOTES

1. ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK IN THE FIELD, AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM), AT LEAST 24HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED, SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION" AND ADDENDUMS THERETO. cityofmadison.com/business/pw/specs.cfm
4. THE CONTRACTOR SHALL CALL TE SHOP (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL INSTALL 3#6 & 1#8 WIRES IN ALL NEW CONTRACTOR INSTALLED CONDUIT.
6. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:
3/4" X 24" ANCHOR BOLTS: 16 SETS OF 4 FOR LB-2 BASES
16 STREET LIGHT UNITS (POLES & FIXTURES)

PROJECT NO.	14370
CITY OF MADISON	
PROJECT NAME	PHEASANT BRANCH GREENWAY ENHANCEMENT
LOCATION	MADISON, WI
CONTRACT NO.	9517
DESIGNED BY	GMA
DATE	11/7/2024 10:59 AM
REVISION	
MARK	
BY	
DATE	11-30
Scale:	1"=30'
Sheet	E-1



14370
E-1



Addendum Note:
Updated basemap
with proposed
contours

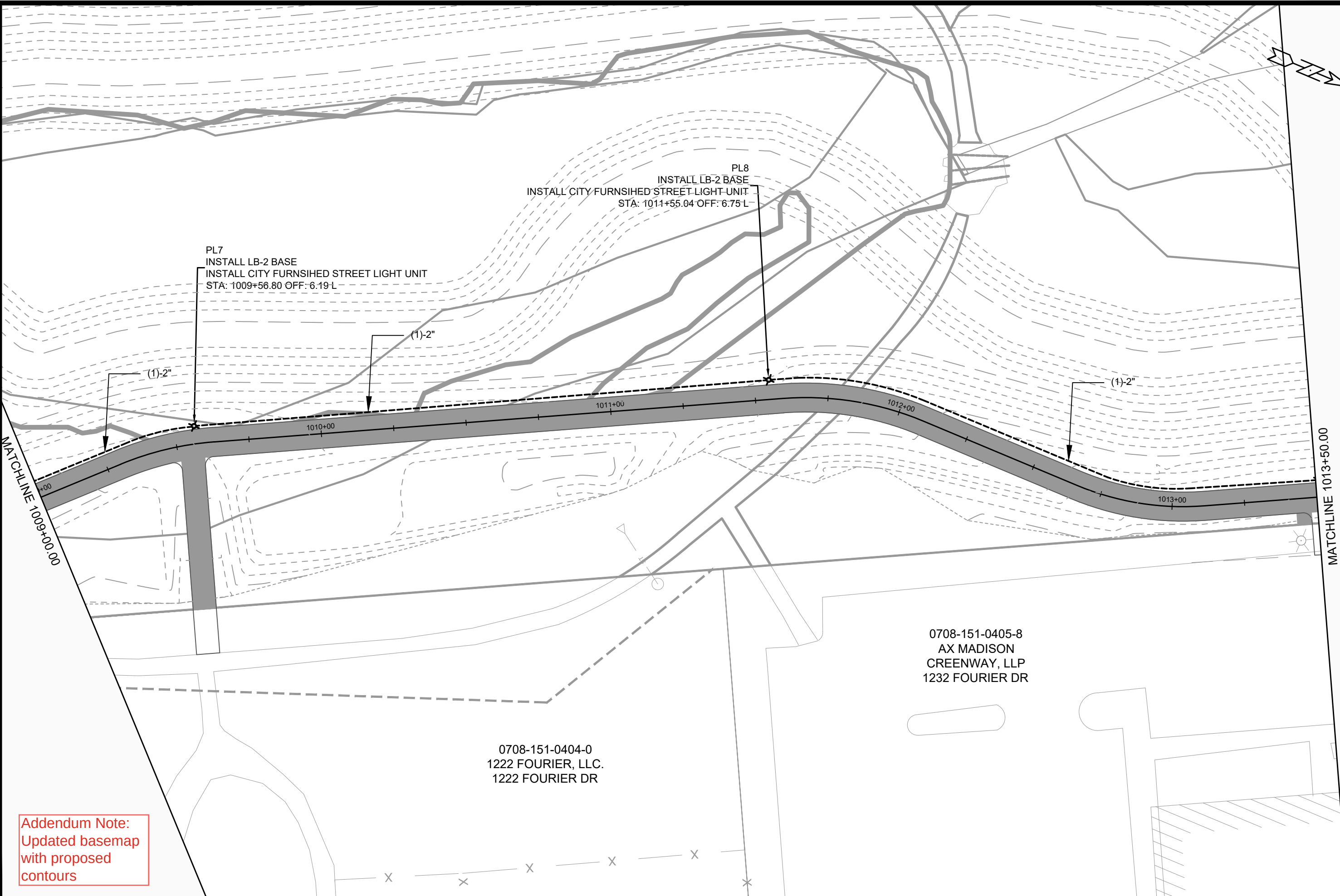
0708-151-0403-2
SPACE CENTER CDM
ASSOC. INC.
1212 FOURIER DR

MARK	REVISION	DATE	BY
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Designed By: GMA			

14370	14370
MADISON, WI	9517
PHEASANT BRANCH GREENWAY ENHANCEMENT	CONTRACT NO:
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14370
E-2



Addendum Note:
Updated basemap
with proposed
contours

0708-151-0404-0
1222 FOURIER, LLC.
1222 FOURIER DR

0708-151-0405-8
AX MADISON
GREENWAY, LLP
1232 FOURIER DR

DATE	BY
11/7/2024	11:02 AM
REVISION	DATE
14370	11/7/2024
MARK	DATE
14370	11/7/2024

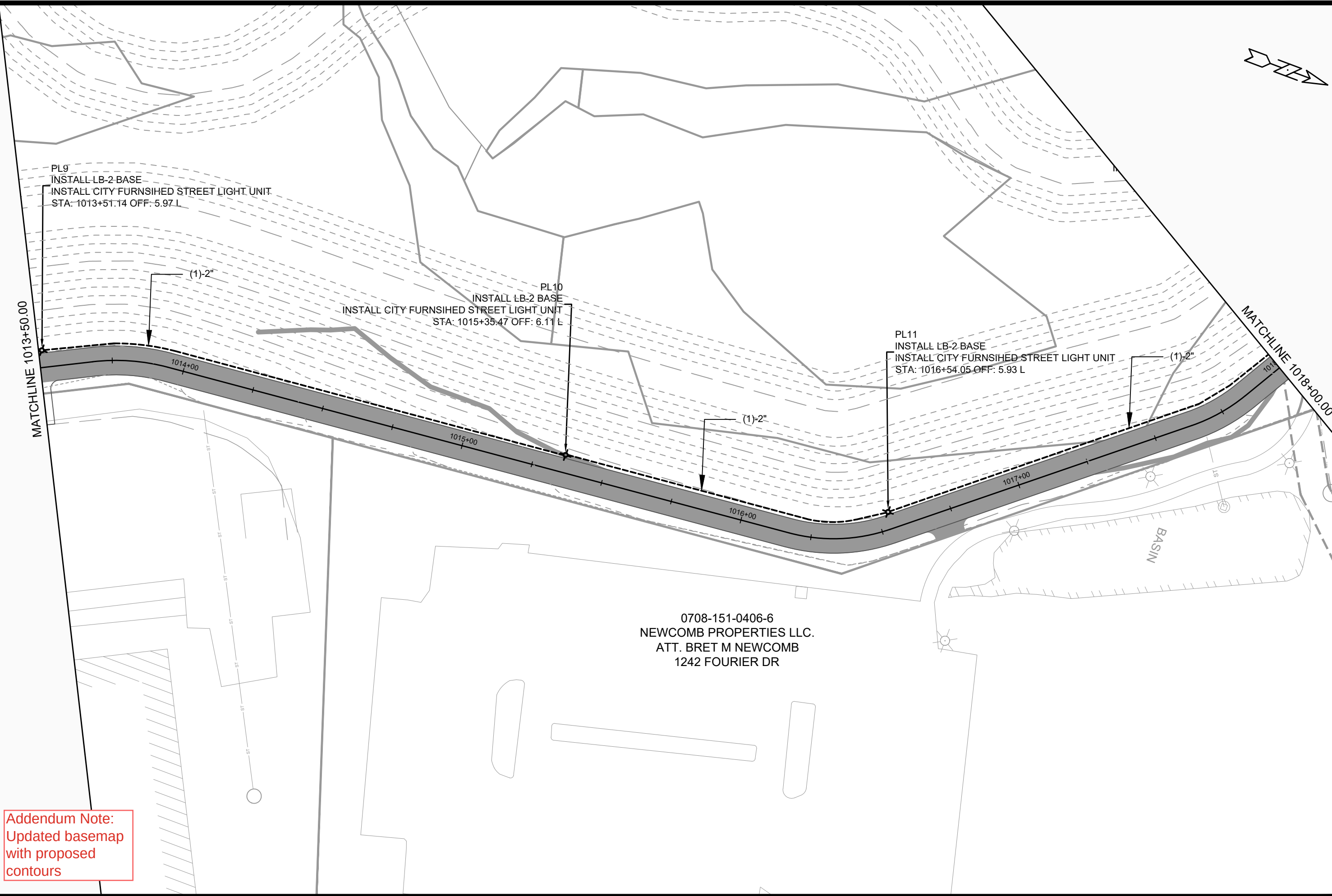
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MADISON, WI	14370
PHEASANT BRANCH GREENWAY ENHANCEMENT	14370
CONTRACT NO:	14370
9517	14370



14370

E-3

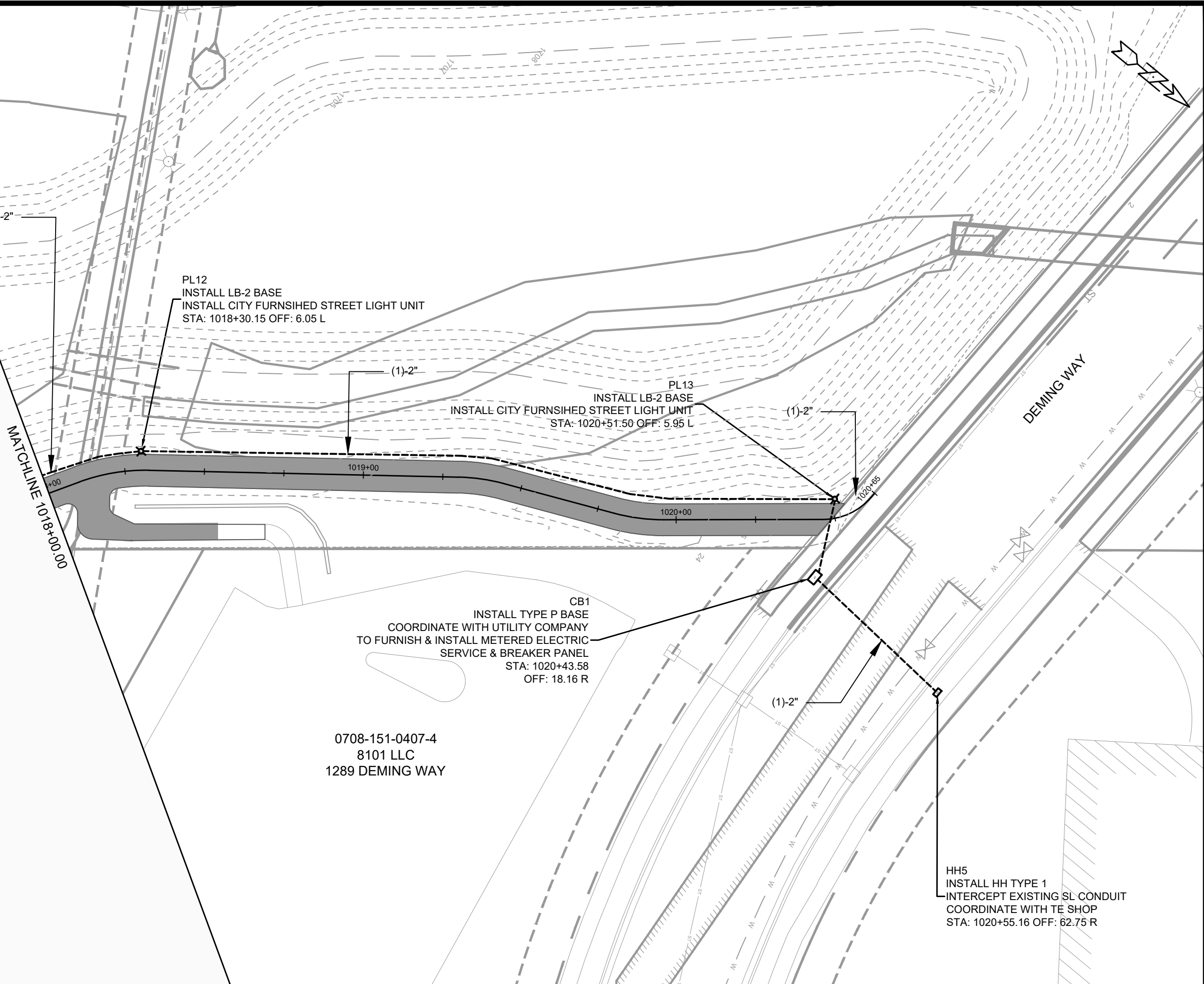
Addendum Note:
Updated basemap
with proposed
contours



0708-151-0406-6
NEWCOMB PROPERTIES LLC.
ATT. BRET M NEWCOMB
1242 FOURIER DR

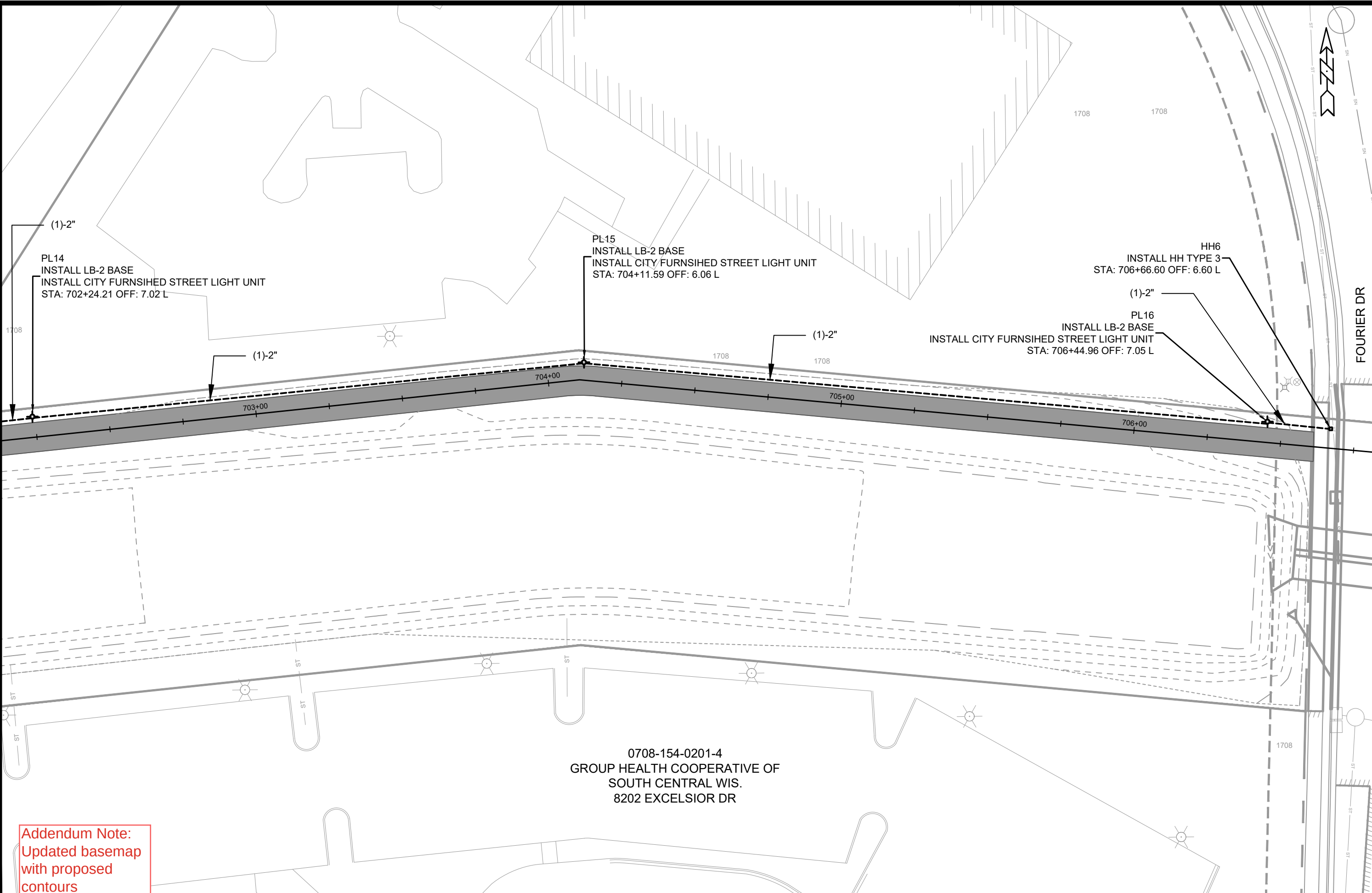
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	ELECTRICAL PLAN			
PHEASANT BRANCH GREENWAY ENHANCEMENT				
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CONTRACT NO: 9517		14370		
REVISION		DATE	BY	
Designed By: GMA		Date: 1/17/2024 11:04 AM	Scale: 1"=30'	

Addendum Note:
Updated basemap
with proposed
contours



ELECTRICAL PLAN		14370	
PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI	
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CITY OF MADISON WISCONSIN		E-5	
14370		E-5	

MARK	REVISION	DATE	BY
14370	1	11/7/2024	11:06 AM



Addendum Note:
Updated basemap
with proposed
contours

0708-154-0201-4
GROUP HEALTH COOPERATIVE OF
SOUTH CENTRAL WIS.
8202 EXCELSIOR DR

14370

14370

14370

ELECTRICAL PLAN

PHEASANT BRANCH GREENWAY ENHANCEMENT

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14370

E-6

14370

MADISON, WI

9517

CONTRACT NO:

14730

REVISION

DATE

BY

Designed By: GMA

Date: 11/7/2024 11:08 AM

Scale: 1" = 30'

MARK

DATE

BY

E-6

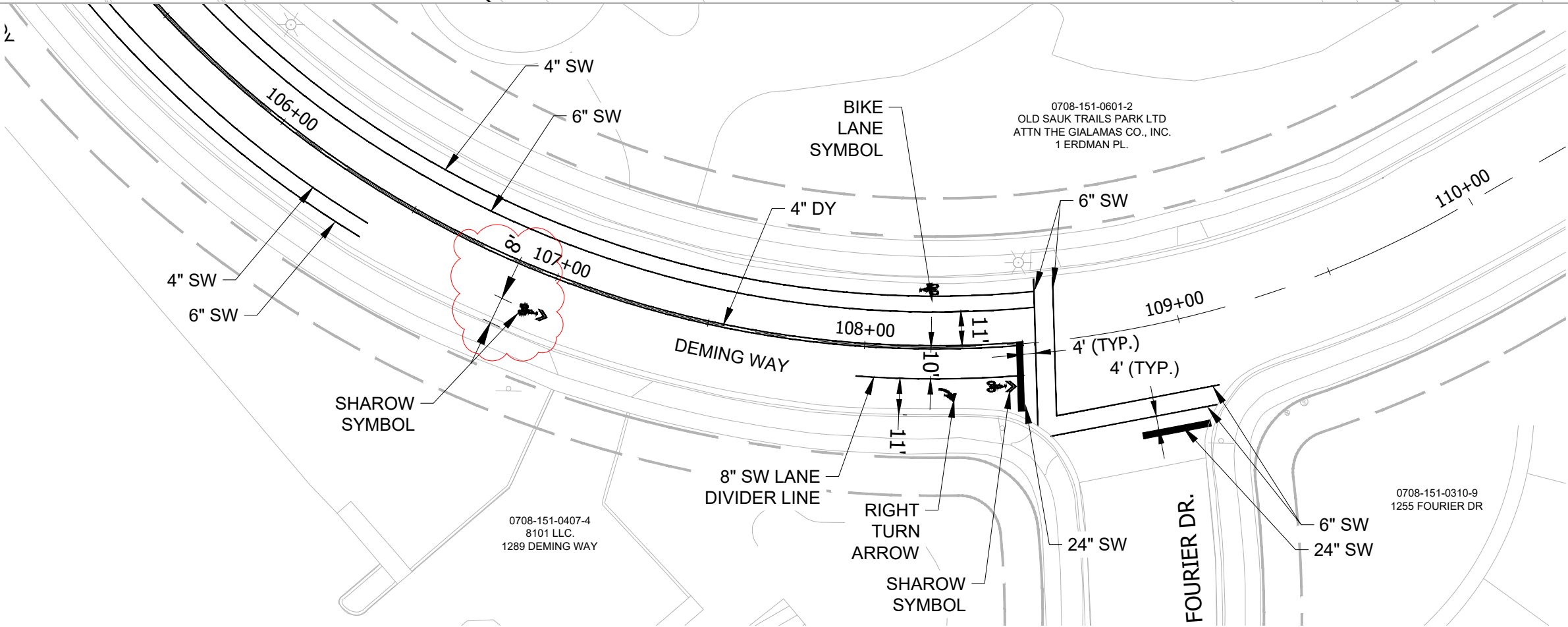
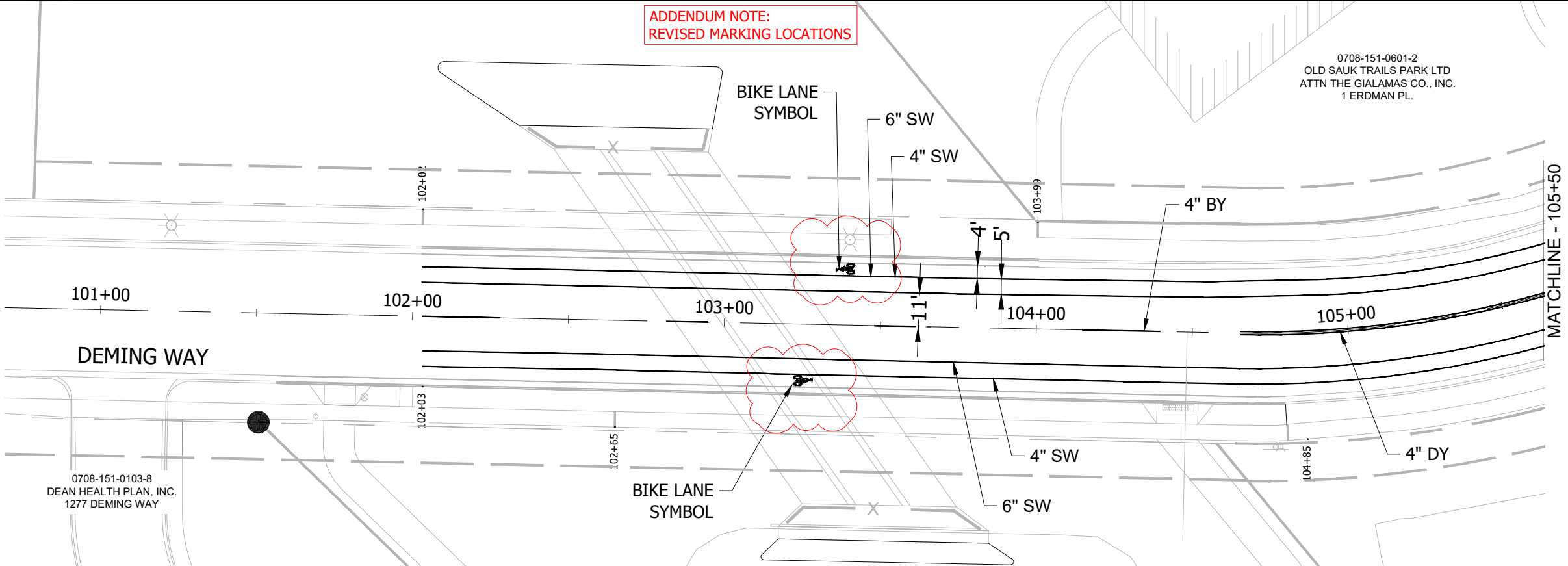
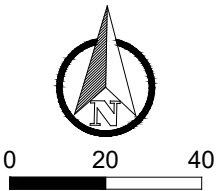
ADDENDUM NOTE:
REVISED MARKING LOCATIONS

LEGEND

PROPOSED CONCRETE
CURB AND GUTTER

PAVEMENT MARKINGS

X" = LINE WIDTH
D = DOUBLE LINE
S = SOLID LINE
B = DASHED LINE
W = WHITE PAINT
Y = YELLOW PAINT



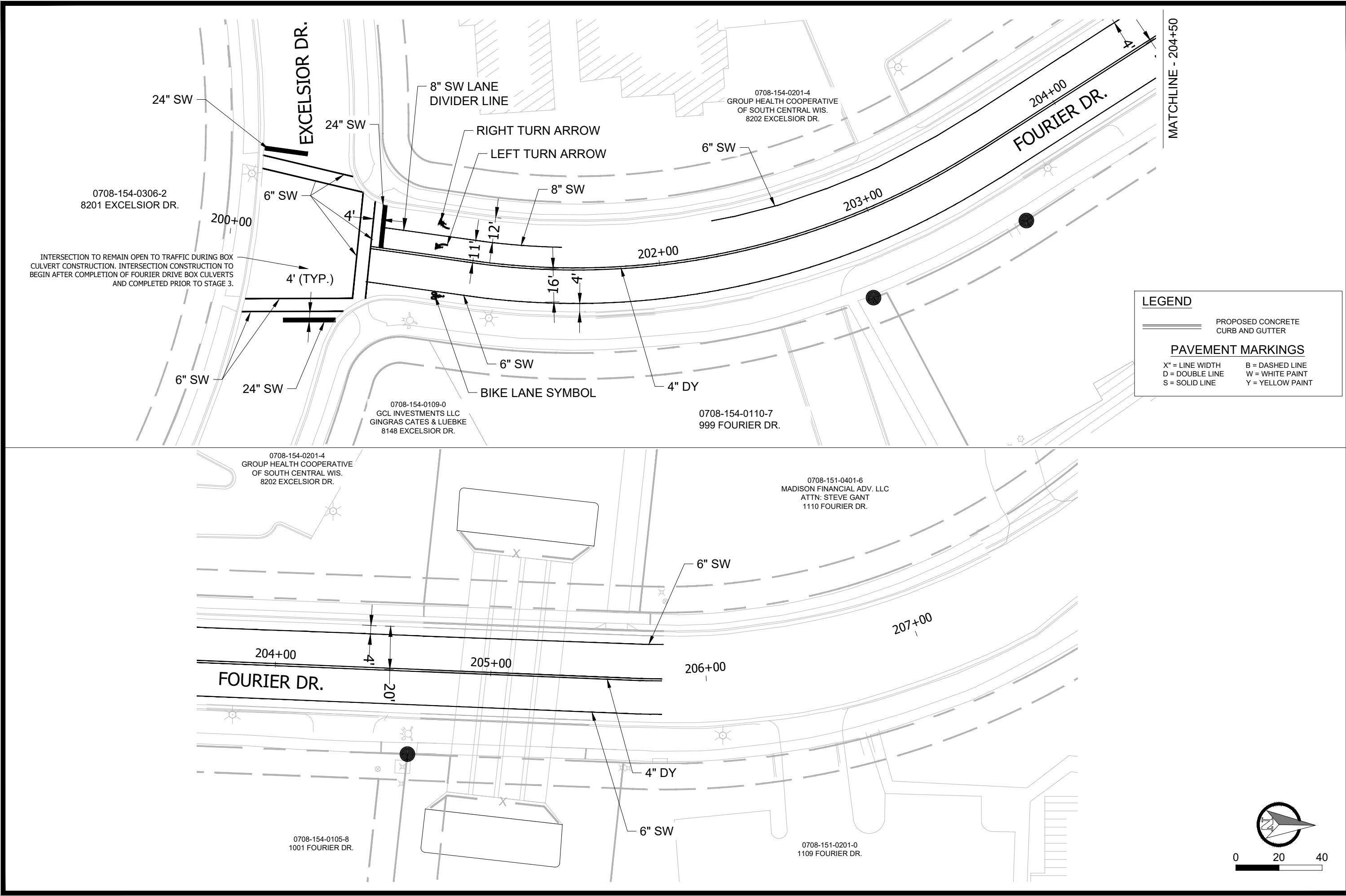
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14370		11/16/2024	JPC
14370		AS SHOWN	PM1

14370
MADISON, WI
9517
CONTRACT NO:

PAVEMENT MARKING PLANS
PHEASANT BRANCH GREENWAY ENHANCEMENT
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14370
PM1



	PAVEMENT MARKING PLANS		14370
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI
	CONTRACT NO: 9517		14370
	PM2		PM2

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR TO MOBILIZE TO THE JOB SITE.
2. PROTECT EXISTING PUBLIC ROADWAY, STORM BASIN, AND OUTFALL POINTS OF THE JOB-SITE WITH EROSION CONTROL PRIOR TO DEMOLITION BEGINNING. SITE SHOULD BE COMPLETELY SURROUNDED IN EROSION CONTROL PRIOR TO DEMOLITION TASKS COMMENCING.
3. PROCEED WITH REMOVAL TASKS AS OUTLINED IN REMOVAL PLAN BASED ON STAGES OF THE PROJECT.
4. PRIOR TO GRADING STORMWATER POND, IMPLEMENT EROSION CONTROL PRACTICE AT THE POND TO PROTECT DOWNSTREAM OUTFALL POINTS.
5. GRADE POND AREA AS PER THE PROPOSED GRADING PLAN.
6. STAGING NOTES ARE TO PROVIDE THE CONTRACTOR WITH SUGGESTED STAGING OF PROJECT. CONTRACTOR TO PROVIDE CITY OF MADISON WITH PROJECT SCHEDULE PRIOR TO CONSTRUCTION
7. CONTRACTOR TO COORDINATE CONSTRUCTION SEQUENCING WITH UTILITY OWNERS
8. CALL 811 OR DIGGERS HOTLINE PRIOR TO CONSTRUCTION
9. CONTRACTOR TO FOLLOW WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD) FOR TEMPORARY ROAD CLOSURES.

STAGE 1: (SANITARY SEWER AND BOX CULVERTS)

1. COORDINATE WITH SMALL UTILITIES PRIOR TO CONSTRUCTION
2. CONTRACTOR TO INSTALL PERIMETER EROSION & SEDIMENT CONTROL MEASURES.
3. CLEAR AND GRUBBING (SEE CLEARING PLAN)
4. COMPLETE REMOVALS FOR STAGE 1
5. CONSTRUCT NEW SANITARY SEWER LINE (SEE UTILITY PLAN). CONTRACTOR TO COORDINATE TEMPORARY SEWER CONNECTION DURING CONSTRUCTION WITH CITY.
6. CLOSE DEMING WAY AND ALLOW TRAFFIC TO ACCESS DEMING WAY BY USING FOURIER DR. AND EXCELSIOR DR.
7. INSTALL BOX CULVERTS PER PLAN.
8. REPLACE STREET AND SIDEWALK PRIOR TO CLOSING ANY OTHER AREAS OF THE PROJECT

STAGE 2: (BOX CULVERT)

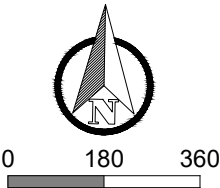
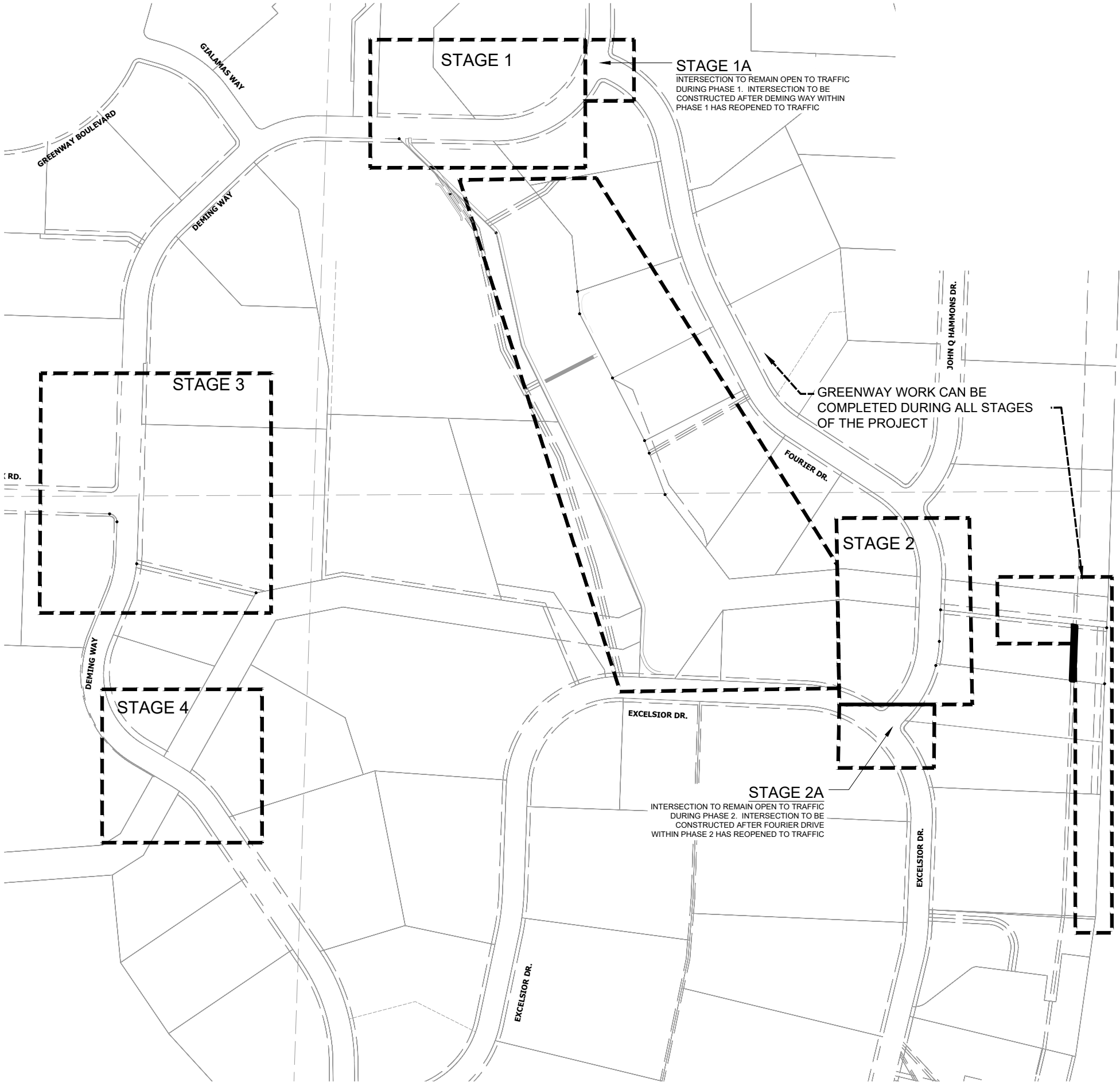
1. COORDINATE WITH SMALL UTILITIES PRIOR TO CONSTRUCTION
2. CONTRACTOR TO INSTALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES
3. COMPLETE REMOVALS FOR STAGE 2
4. INSTALL BOX CULVERTS PER PLAN.
5. INSTALL STORM SEWER PER PLAN
6. REPLACE STREET AND SIDEWALKS PRIOR TO CLOSING ANY OTHER AREAS OF THE PROJECT

STAGE 3: (UPSIZED PIPES AND INLETS)

1. COORDINATE WITH SMALL UTILITIES PRIOR TO CONSTRUCTION
2. CONTRACTOR TO INSTALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES
3. COMPLETE REMOVALS FOR STAGE 3
4. INSTALL STORM SEWER PER PLAN
5. REPLACE STREET AND SIDEWALKS PRIOR TO CLOSING ANY OTHER AREAS OF THE PROJECT

STAGE 4: (ADDITION CURB INLETS)

1. COORDINATE WITH SMALL UTILITIES PRIOR TO CONSTRUCTION
2. CONTRACTOR TO INSTALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES
3. COMPLETE REMOVALS FOR STAGE 4
4. INSTALL STORM SEWER CATCH BASINS PER PLAN
5. REPLACE STREET AND SIDEWALKS PRIOR TO CLOSING ANY OTHER AREAS OF THE PROJECT

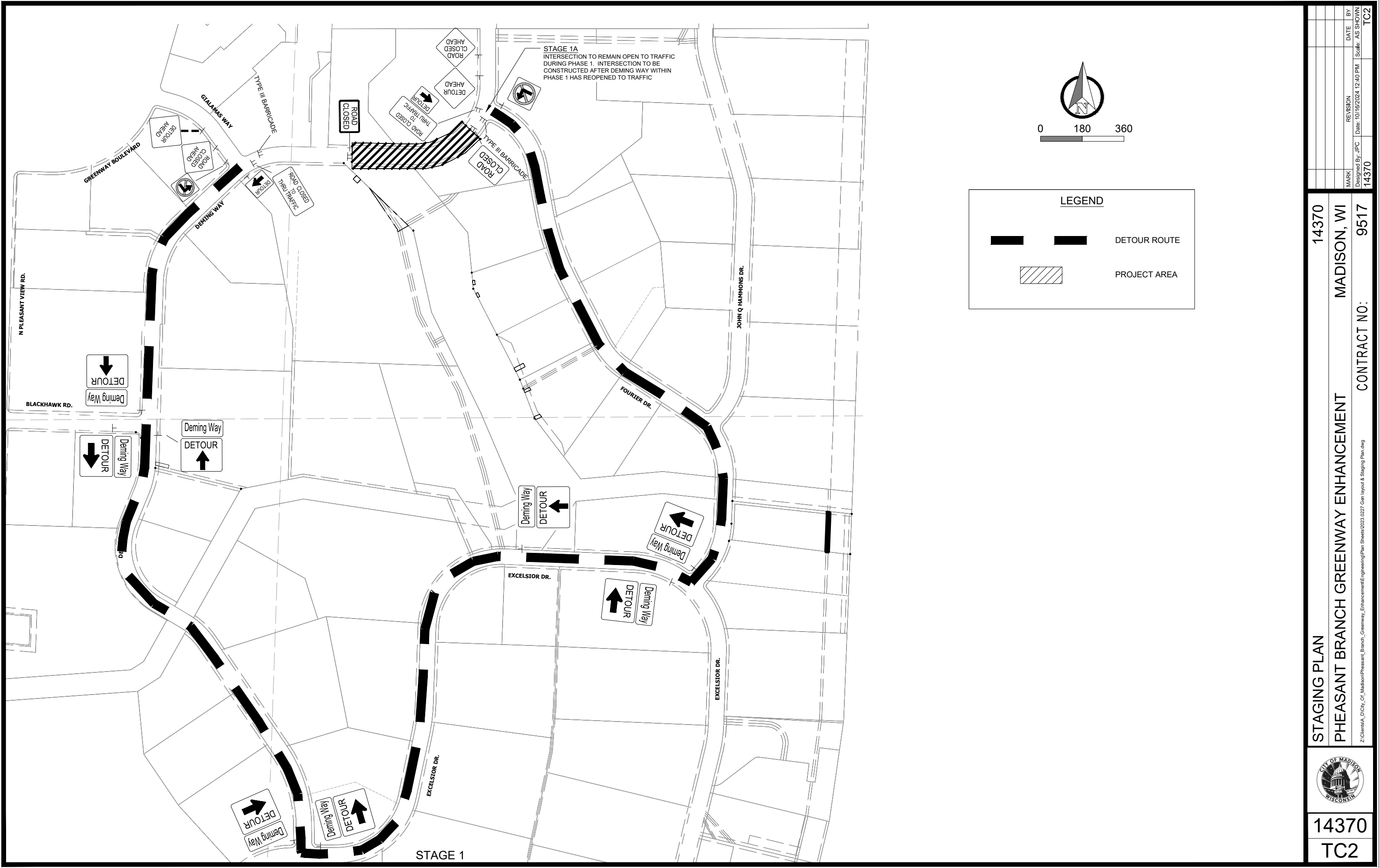


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14370	MADISON, WI
9517	CONTRACT NO:
14370	STAGING PLAN
TC1	PHEASANT BRANCH GREENWAY ENHANCEMENT



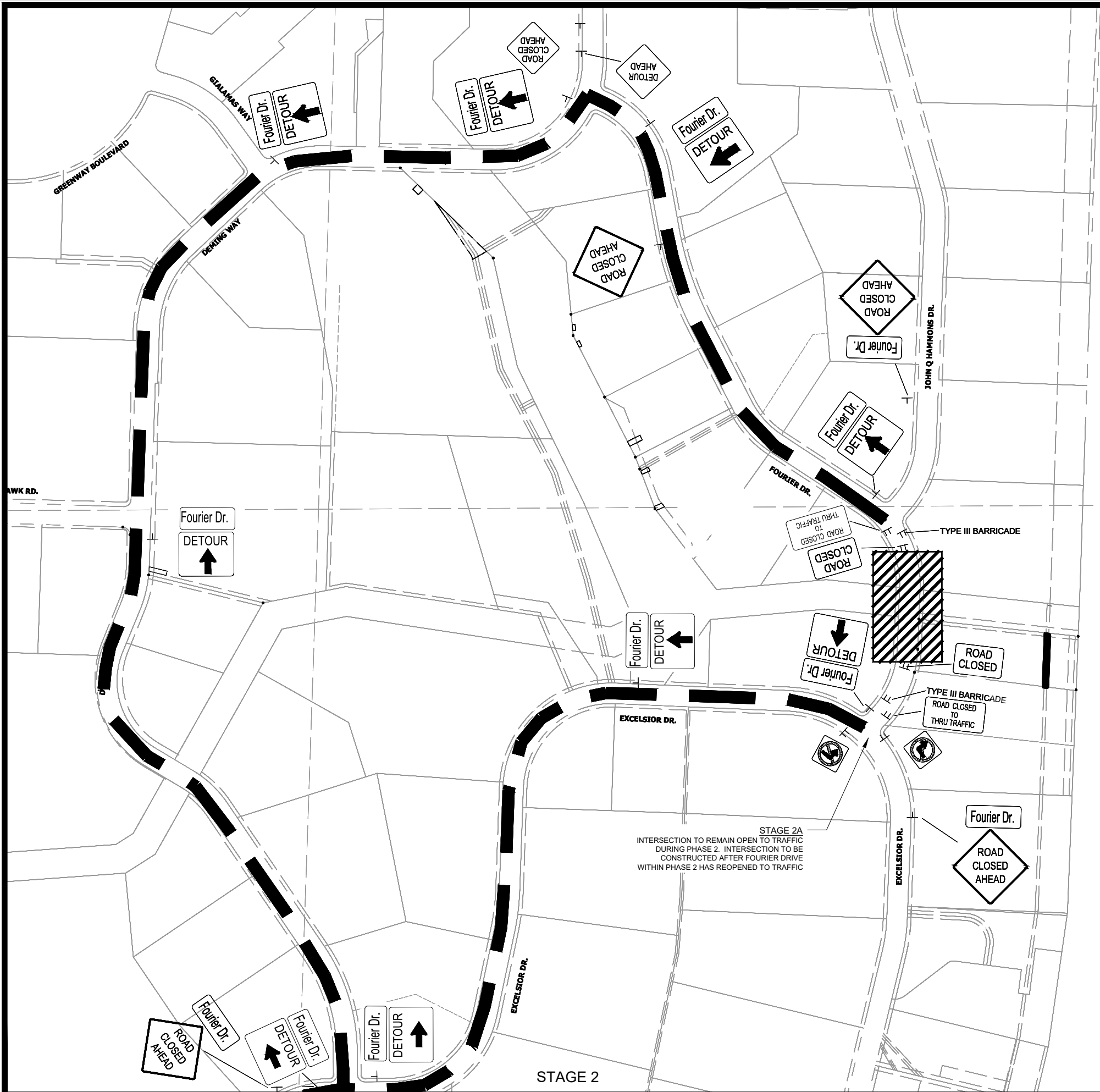
14370
TC1



	STAGING PLAN		14370
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI
14370	CONTRACT NO:		9517
TC2	TC2		TC2

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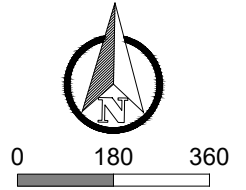
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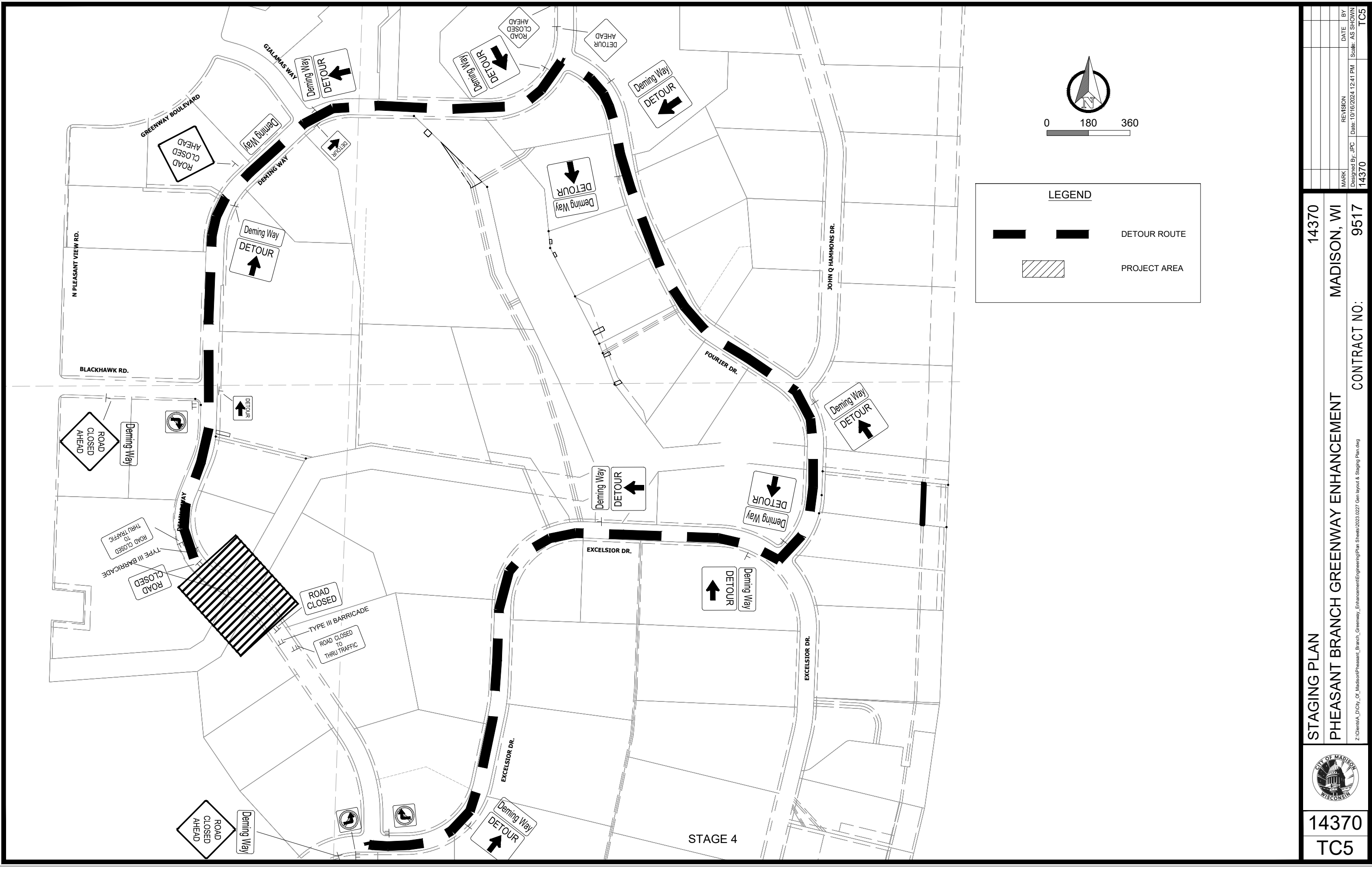
LEGEND

DETOUR ROUTE

PROJECT AREA



	STAGING PLAN		14370				
	PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI				
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14370		TC3		MARK	REVISION	DATE	BY
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				14370			TC3



	14370		14370									
	TC5											
	STAGING PLAN											
	PHEASANT BRANCH GREENWAY ENHANCEMENT											
	MADISON, WI											
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CONTRACT NO:		9517		14370		TC5						
MARK		REVISION		DATE		BY						
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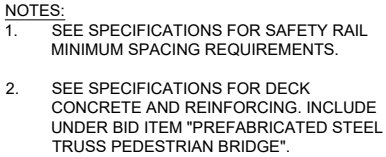


Diagram illustrating a parabolic vertical curve with a length of 65' - 0".

Key points and elevations:

- High Point: STA 1003+29.50, EL. 968.30
- PI (Point of Intersection): STA 1003+29.50, EL. 968.71
- End of Bridge (Left): STA 1002+97.00, EL. 967.90
- End of Bridge (Right): STA 1003+62.00, EL. 967.90

Grades:

- Left Grade: +0.99%
- Right Grade: -1.44%

Intermediate grades shown on the curve: +2.5% and -2.5%.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER*	REFERENCE WISDOT BID ITEM NUMBER	BID ITEMS	UNIT	TOTAL
90101	206.1001	EXCAVATION FOR STRUCTURES BRIDGES	EACH	1
90102	502.0100	CONCRETE MASONRY BRIDGES	CY	72
90103	502.3101	EXPANSION DEVICE	LF	28
90104	502.3200	PROTECTIVE SURFACE TREATMENT	SY	152
90105	505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	5520
90106	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1360
90107	516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	9
90108	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	120
90109	---	PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE	EACH	1
90110	---	STEEL PEDESTRIAN RAILING	LF	31
90111	---	CONCRETE PAVEMENT APPROACH SLAB	LS	1
20208	---	SELECT FILL SAND	CY	126
20246	---	MEDIUM RIPRAP - GLACIAL FIELD STONE	CY	36
20256	---	RIPRAP FILTER FABRIC, TYPE HR	SY	101

A cross-sectional diagram of a bridge approach slab and abutment structure. The diagram shows a horizontal approach slab on the left, which transitions into a vertical abutment wall on the right. The approach slab is labeled "6-INCH REINFORCED CONCRETE PAVEMENT APPROACH SLAB" and contains reinforcement bars labeled "#4@8\" CENTER IN SLAB". A "1\" EXPANSION FILLER, ALONG SIDES OF PAVING NOTCH" is shown at the top of the slab. The abutment wall is labeled "B.F. ABUT." (Backfill Abutment) and has a "F.F. ABUT. BACKWALL" (Front Face Abutment Backwall) on its right side. A "BRIDGE BEARING SEAT" is shown on the right side of the abutment wall. The vertical dimensions are labeled: "10\" for the height of the abutment wall, "8\" for the height of the bridge bearing seat, and "1'-0\" for the width of the approach slab. The horizontal dimensions are labeled: "6\" for the width of the approach slab and "8\" for the width of the bridge bearing seat.

Technical drawing of a riprap filter detail. The drawing shows a cross-section of a structure with a sloped face. The sloped face is labeled "MEDIUM RIPRAP - GLACIAL FIELD STONE" and has a minimum thickness of "1.5 (MIN.)". The sloped face is also labeled "1:5". The horizontal base is labeled "4'-0\"". The vertical height of the sloped face is labeled "1'-6\"". The top horizontal edge is labeled "2'-0\" (TYP.)". The vertical height of the top horizontal edge is labeled "1'-6\"". A dashed line indicates the location of the "RIPRAP FILTER FABRIC, TYPE HR".

BRIDGE STRUCTURE

ABUTMENT BACKFACE

PAY LIMITS OF BACKFILL

SELECT FILL SAND

3'-0" (TYP.)

STRIP SEAL EXP. JOINT AND COVER PLATE. SEE SHEET S6.

PAVING NOTCH

B.F. ABUT.

F.F. ABUT. BACKWALL

BEARING PLATE

ANCHOR BOLTS SEE ABUTMENT PLAN

BEARING PAD

* DIMENSION TO BE VERIFIED BY BRIDGE MANUFACTURER

LEGEND

- ▲ SELECT FILL PAY LIMITS, BACKFILL BEYOND SELECT FILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.**
- PIPE UNDERDRAIN WRAPPED (6-INCH), SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE RODENT SHIELD DETAIL ON SHEET 3.**

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL STATIONS AND ELEVATIONS ARE IN FEET.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL BAR STEEL IN BRIDGE DECK AND APPROACH SLABS SHALL BE EPOXY COATED.

THE FIRST ONE OR TWO DIGITS OF THE REINFORCING BAR MARK SIGNIFY THE BAR SIZE.

THE EMBANKMENTS ADJACENT TO THE BRIDGE SHALL BE COVERED WITH MEDIUM RIPRAP AND RIPRAP FILTER FABRIC TYPE HR TO THE EXTENT SHOWN ON THE PLAN OR AS REQUESTED BY THE ENGINEER.

TREAT TIMBER RAILING LUMBER IN ACCORDANCE WITH AWWA USE CATEGORY UC3B. NOMINAL SIZE TIMBER RAILING MATERIAL SHALL BE SURFACED TO S4S.

AT THE BACK FACE OF ABUTMENTS ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH SELECT FILL SAND.

NUMBER OF TRUSS PANELS TO BE DETERMINED BY BRIDGE MANUFACTURER.

BEVEL ALL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ " UNLESS SHOWN OTHERWISE.

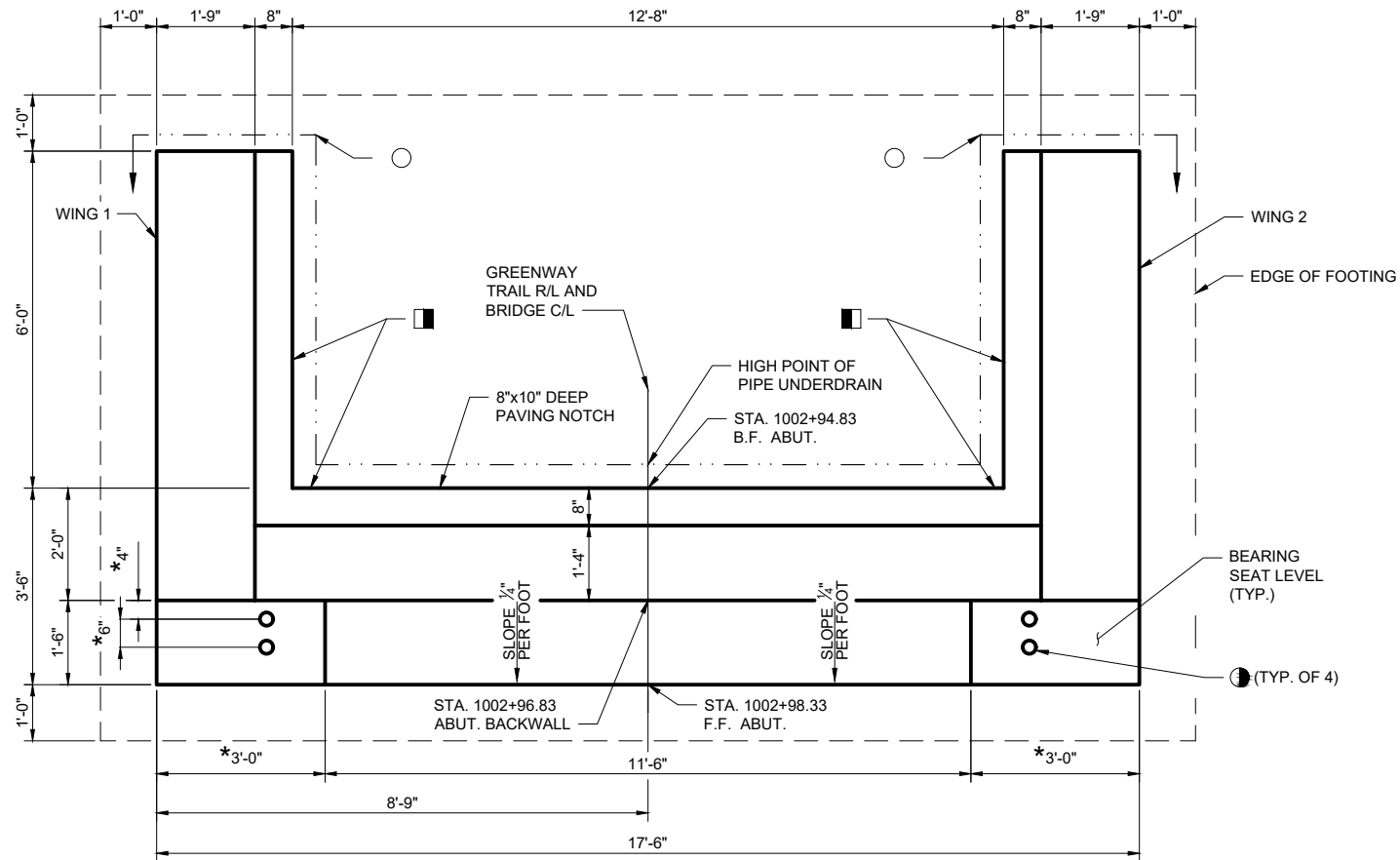
THE SUPERSTRUCTURE SHALL BE ANCHORED TO THE FOUNDATIONS IN A MANNER TO:
- ALLOW THERMAL MOVEMENTS OF THE SUPERSTRUCTURE.

- PREVENT HORIZONTAL TRANSLATION OF THE SUPERSTRUCTURE PERPENDICULAR TO THE ψ OF THE PATH.

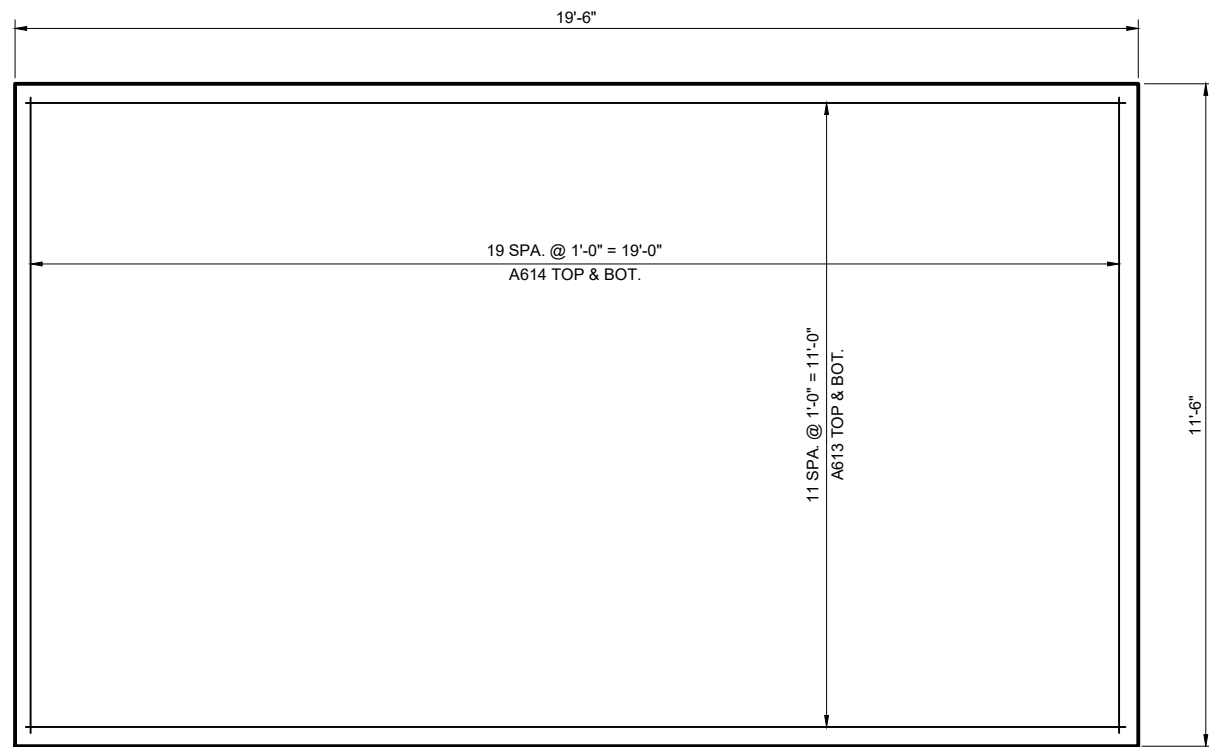
PROVIDE PROTECTIVE SURFACE TREATMENT TO TOP SURFACE OF CONCRETE DECK AND APPROACHES AS WELL AS TOP SURFACES OF ABUTMENT BODIES AND WINGS.

ALL ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.

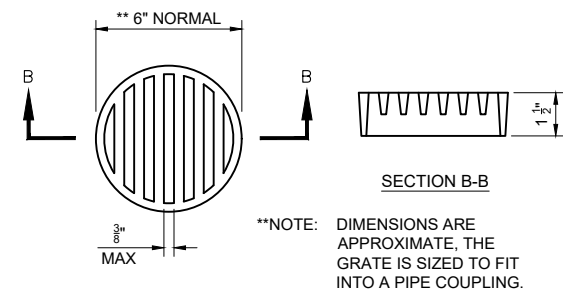
EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL.



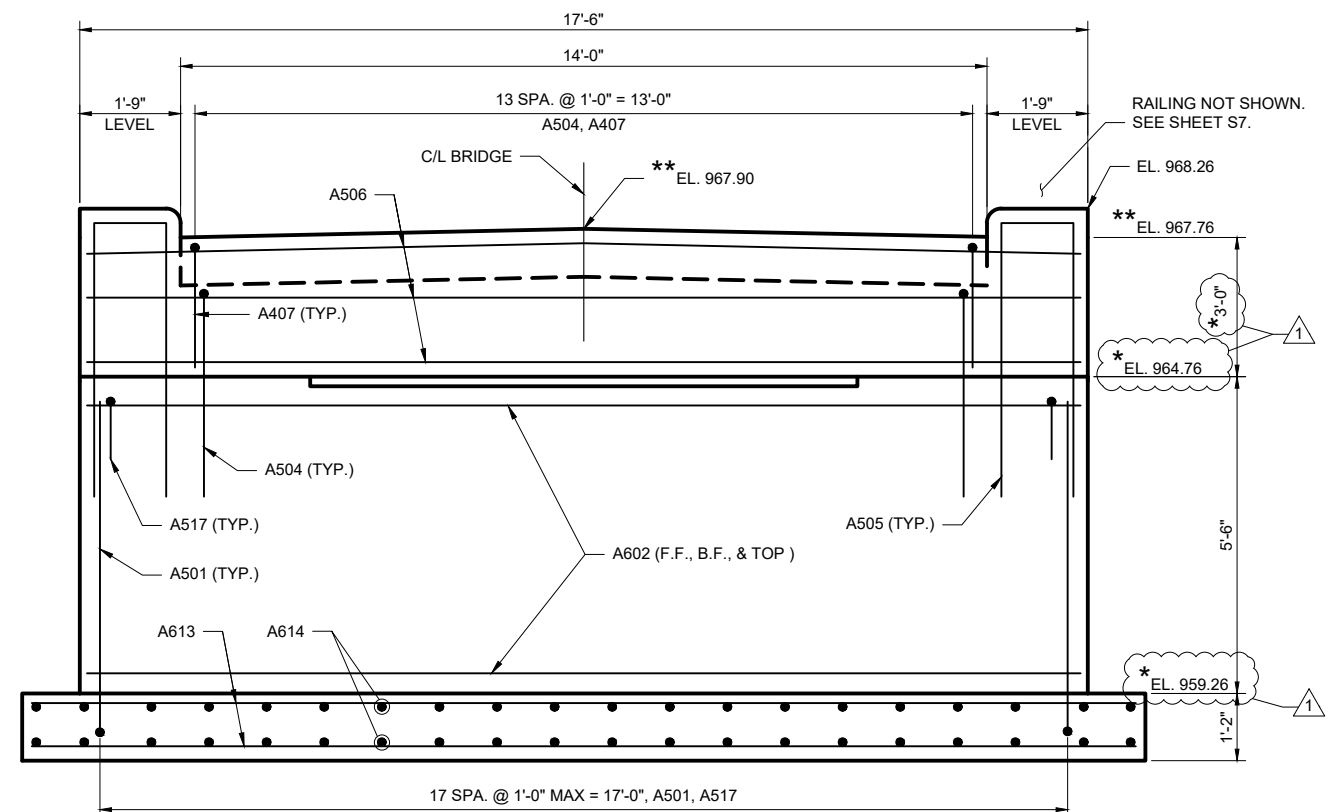
SOUTH ABUTMENT PLAN



SOUTH ABUTMENT FOUNDATION PLAN



RODENT SHIELD



SOUTH ABUTMENT ELEVATION

GENERAL NOTES

SEE SHEET S5 FOR REINFORCING DETAILS.

LEGEND

- * DIMENSION OR ELEVATION TO BE VERIFIED OR SUPPLIED BY BRIDGE MANUFACTURER.
- PIPE UNDERDRAIN 6" WRAPPED. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF UNDERDRAIN. SEE RODENT SHIELD DETAIL ON THIS SHEET.
- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
- ** ELEVATION GIVEN AT F.F. OF ABUTMENT BACKWALL.
- ASTM F1554 GRADE 36 GALVANIZED ANCHOR BOLT WITH (2) NUTS AND (1) WASHER EACH END. EMBED INTO CONCRETE 2'-0". BOLT DIAMETER AND PROJECTION HEIGHT BY BRIDGE MANUFACTURER. COST IS INCIDENTAL TO "CONCRETE MASONRY BRIDGES" BID ITEM.

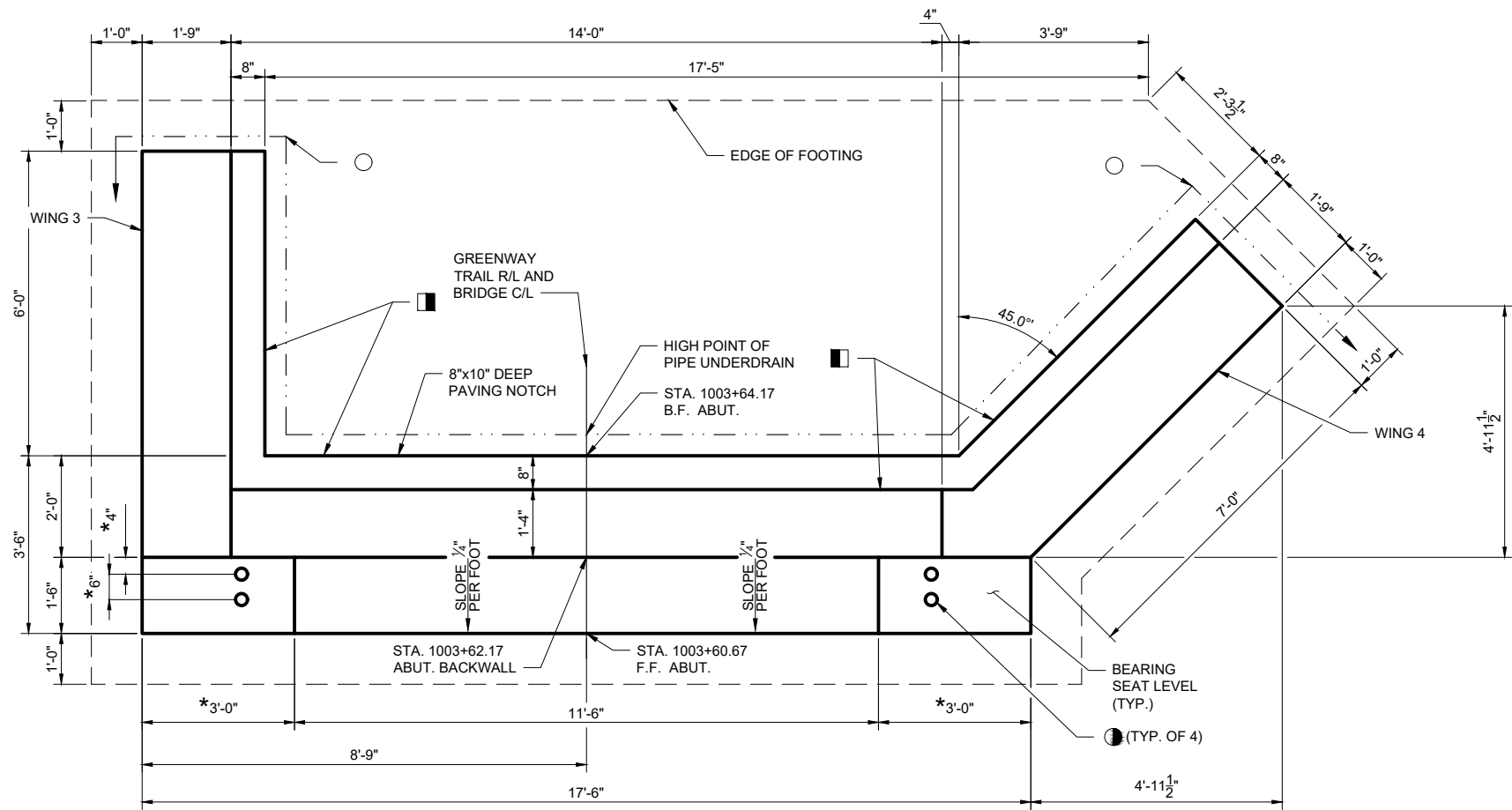
CONSTRUCTION REVISION	DATE	BY
REVISION	3/21/2025	TJE
MARK	1 IN 40 FT	Scale
Designed By: TJE	Date: 3/21/2025 3:39 PM	

MADISON, WI
CONTRACT NO: 9517

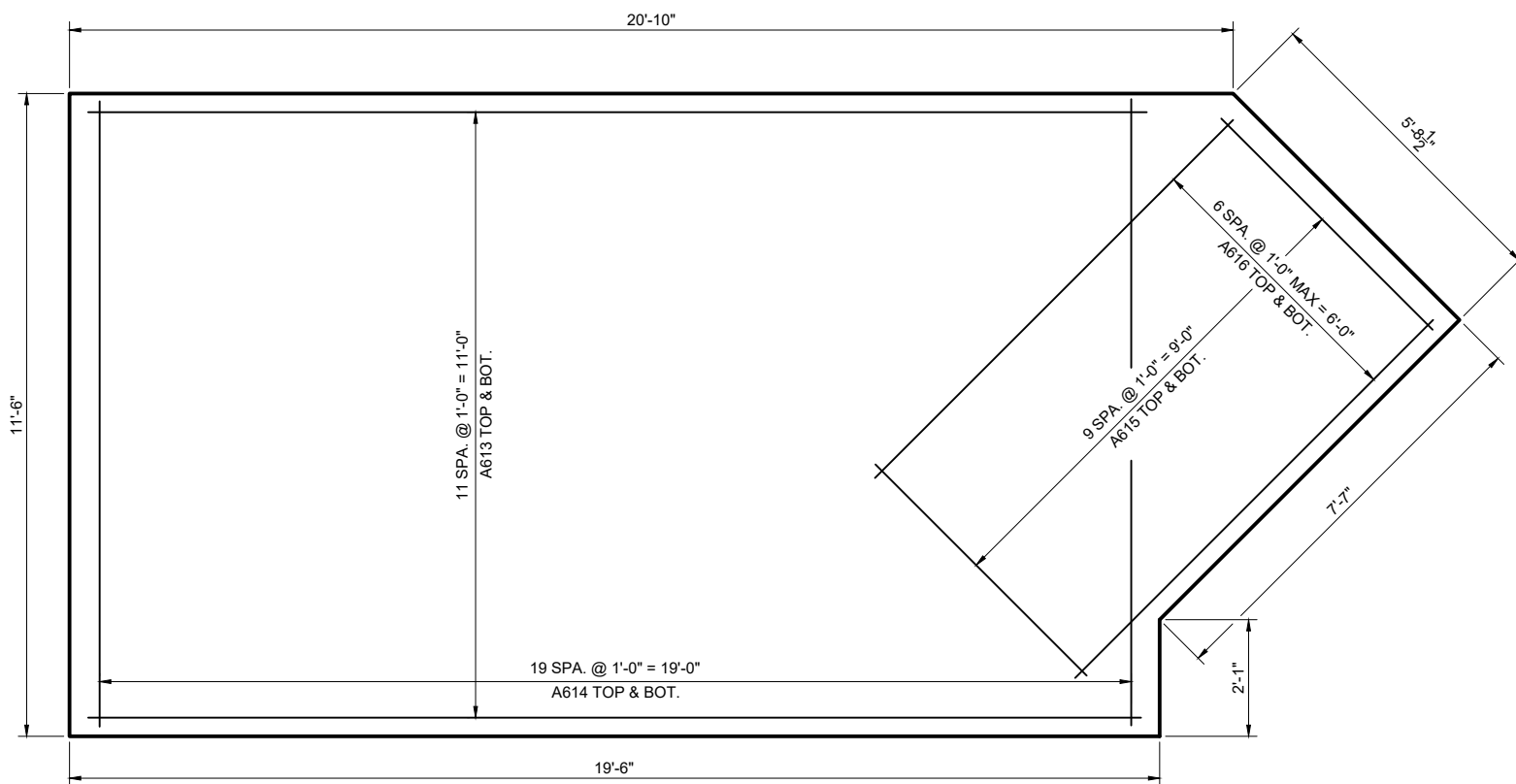
SOUTH ABUTMENT PLAN
PHEASANT BRANCH GREENWAY ENHANCEMENT
MAD102011341Drawings\CAD\Pheasant Branch Greenway Ped. Bridge\Sheets\X-border.dwg



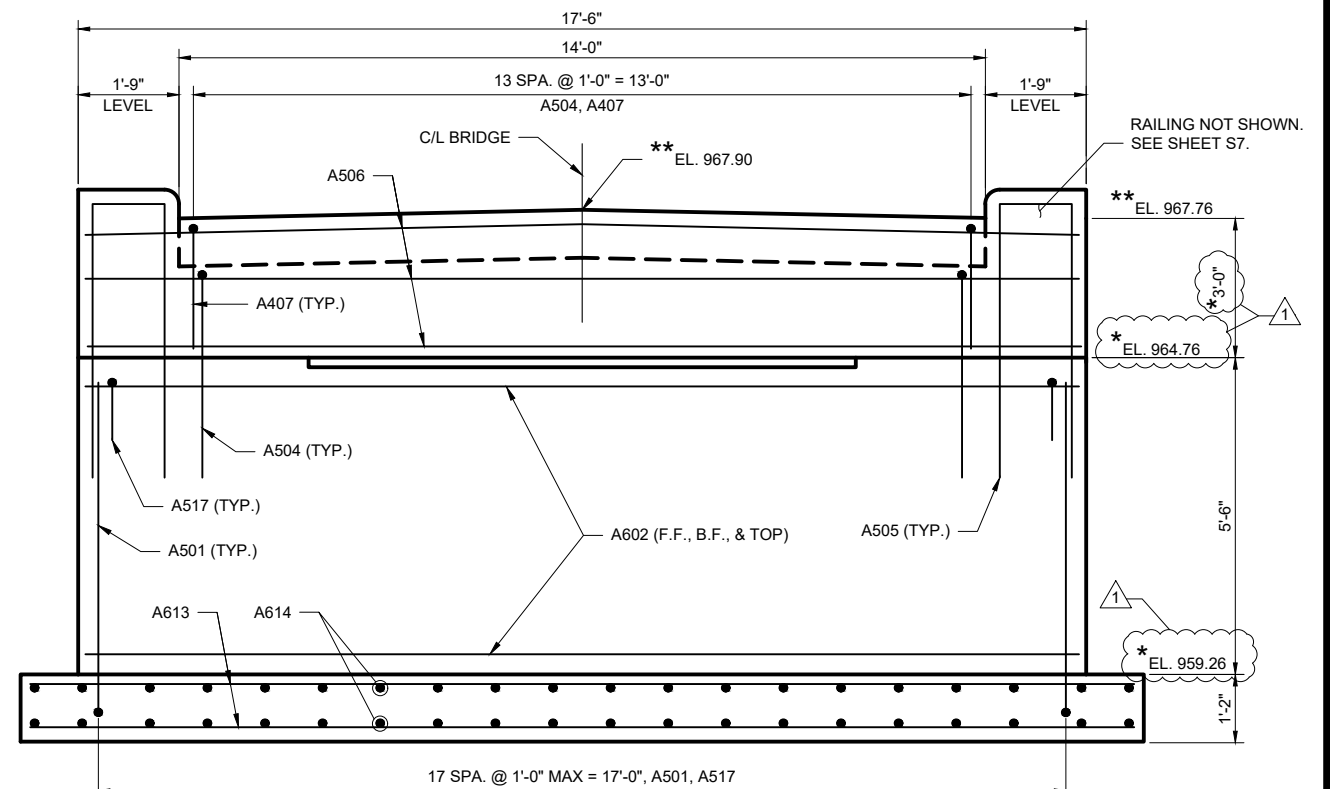
14370
S3



NORTH ABUTMENT PLAN



NORTH ABUTMENT FOUNDATION PLAN



NORTH ABUTMENT ELEVATION

GENERAL NOTES

SEE SHEET S5 FOR REINFORCING DETAILS.

LEGEND

- * DIMENSION OR ELEVATION TO BE VERIFIED OR SUPPLIED BY BRIDGE MANUFACTURER.
- PIPE UNDERDRAIN 6" WRAPPED. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF UNDERDRAIN. SEE RODENT SHIELD DETAIL ON SHEET S3.
- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
- ** ELEVATION GIVEN AT F.F. OF ABUTMENT BACKWALL.
- ASTM F1554 GRADE 36 GALVANIZED ANCHOR BOLT WITH (2) NUTS AND (1) WASHER EACH END. EMBED INTO CONCRETE 2'-0". BOLT DIAMETER AND PROJECTION HEIGHT BY BRIDGE MANUFACTURER. COST IS INCIDENTAL TO "CONCRETE MASONRY BRIDGES" BID ITEM.

CONSTRUCTION REVISION	3/2/25	TJE	BY
REVISION	DATE	1 IN 40 FT	Scale:
MARK	Designed By: TJE	Date: 3/21/2025 3:39 PM	

MADISON, WI

9517

CONTRACT NO:

NORTH ABUTMENT PLAN

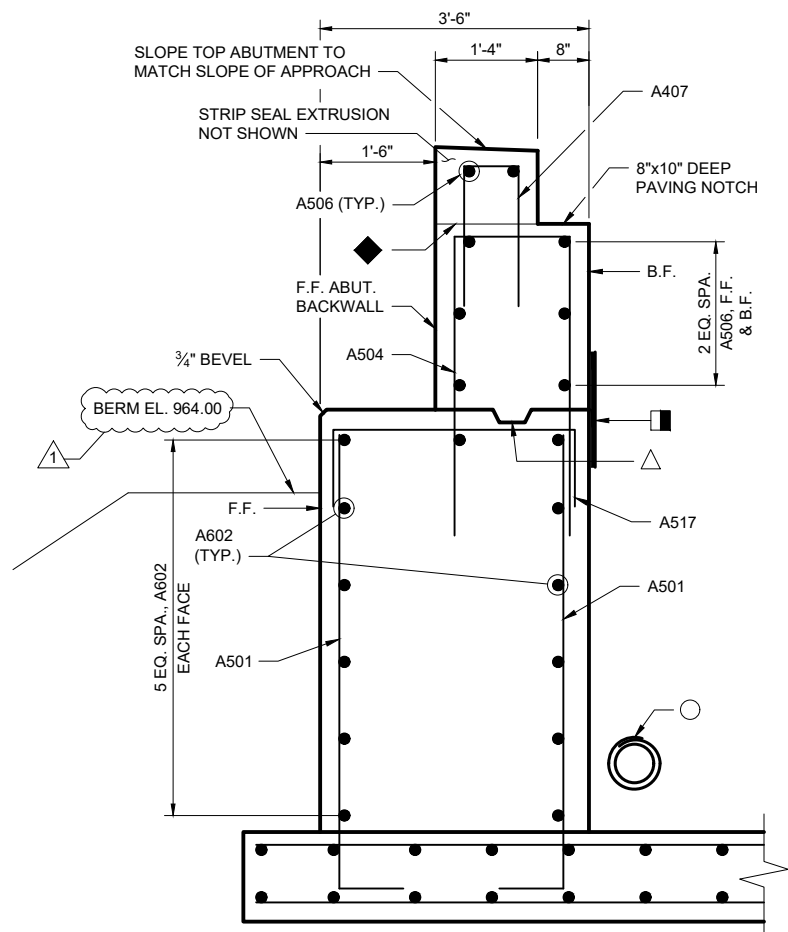
PHEASANT BRANCH GREENWAY ENHANCEMENT

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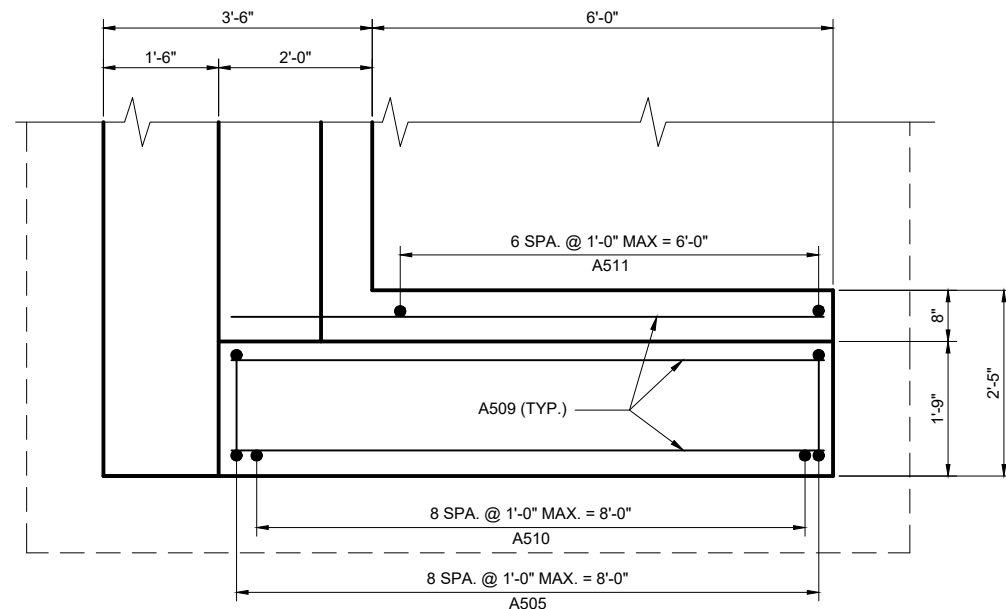


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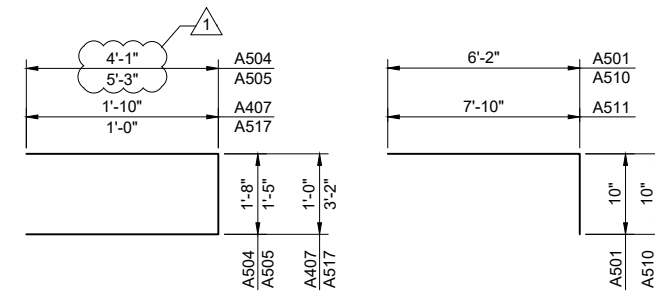
S4



TYPICAL ABUTMENT SECTION



WING 1,2,3 REINFORCING PLAN



A504, A505, A407, A517

A501, A510, A511

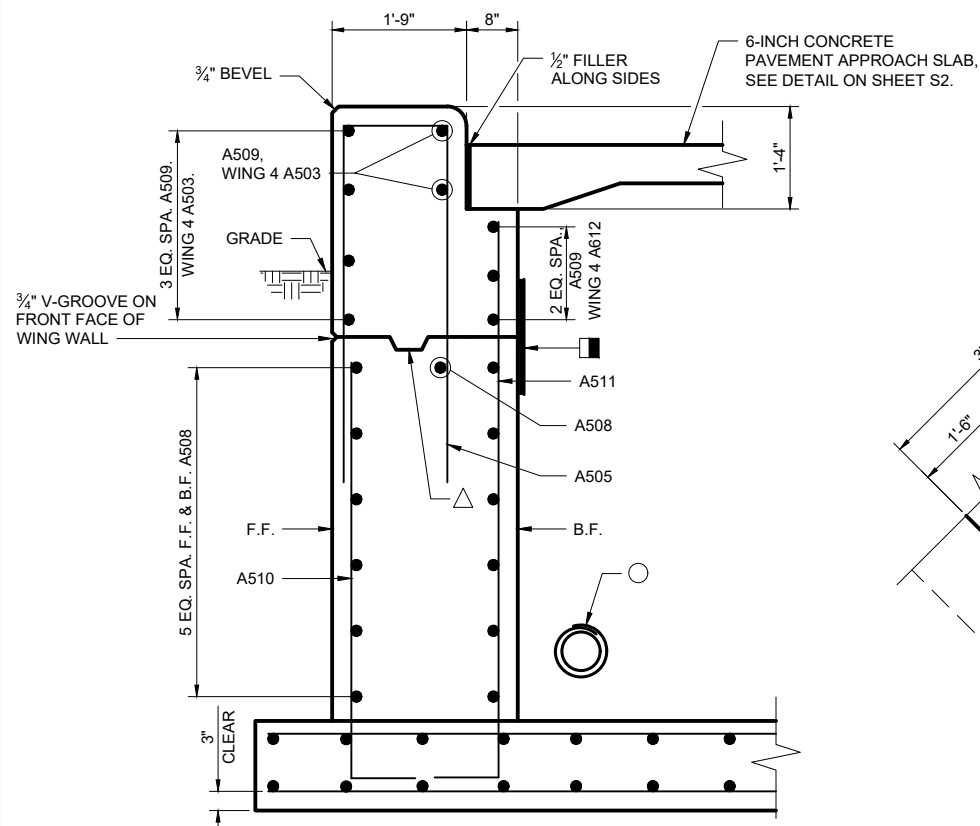
ABUTMENT
BILL OF BARS

BAR MARK	NO. REQ'D S. ABUT	NO. REQ'D N. ABUT	LENGTH	BENT	COAT	LOCATION
A501	36	36	6'-11"	X		LOWER BODY - VERT.
A602	13	13	17'-2"			LOWER BODY - HORIZ
A503	0	6	6'-9"			LOWER WING - HORIZ - WING 4
A504	14	14	9'-10"	X	X	UPPER BODY - VERT.
A505	18	19	11'-11"	X	X	UPPER BODY - VERT. - ENDS
A506	8	8	17'-2"		X	UPPER BODY - HORIZ.
A407	14	14	4'-6"	X	X	UPPER BODY - VERT.
A508	26	26	9'-1"			LOWER WINGS - HORIZ.
A509	18	9	7'-8"		X	UPPER WINGS - HORIZ.
A510	18	17	6'-11"	X		LOWER WINGS - VERT. - F.F.
A511	14	15	9'-2"	X		LOWER WINGS - VERT. - B.F.
A512	0	3	8'-0"		X	UPPER WINGS - HORIZ.
A613	24	24	19'-2"			ABUT. FOOTINGS - TOP, BOT.
A614	40	40	11'-2"			ABUT. FOOTINGS - TOP, BOT.
A615	0	20	5'-4"			N. ABUT. FOOTING - TOP, BOT.
A616	0	14	9'-0"			N. ABUT. FOOTING - TOP, BOT.
A517	18	18	4'-11"	X		LOWER WING - HORIZ - WING 4

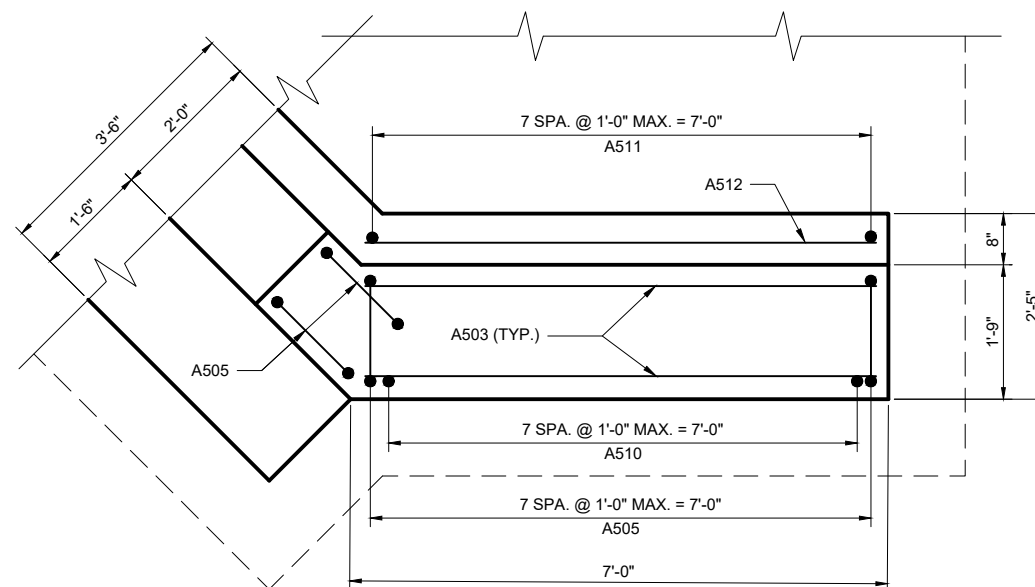
COATED: 1,360 LBS
UNCOATED: 5,520 LBS

LEGEND

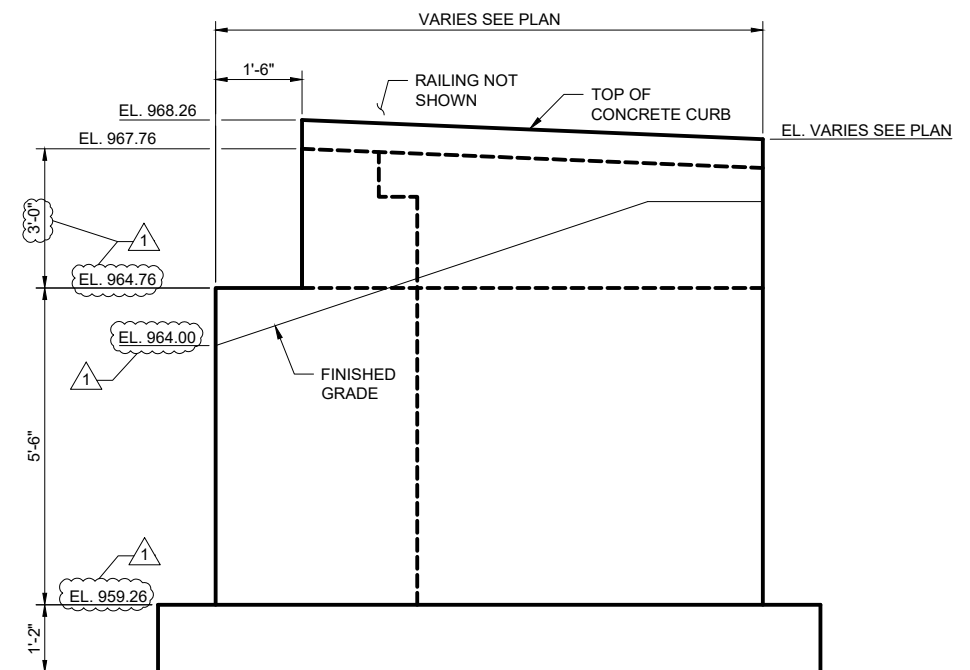
- KEYED CONSTRUCTION JOINT FORMED BY A BEVELED 2"x6".
- PIPE UNDERDRAIN 6" WRAPPED. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF UNDERDRAIN. SEE RODENT SHIELD DETAIL ON SHEET S3.
- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
- OPTIONAL CONSTRUCTION JOINT.
- APPLY PROTECTIVE SURFACE TREATMENT TO THE VERTICAL AND HORIZONTAL SURFACES OF PAVING NOTCHES.



TYPICAL WING SECTION



WING 4 REINFORCING PLAN



WING ELEVATION
(LOOKING AT F.F.)

CONSTRUCTION REVISION	DATE	BY
1	3/21/2025	TJE

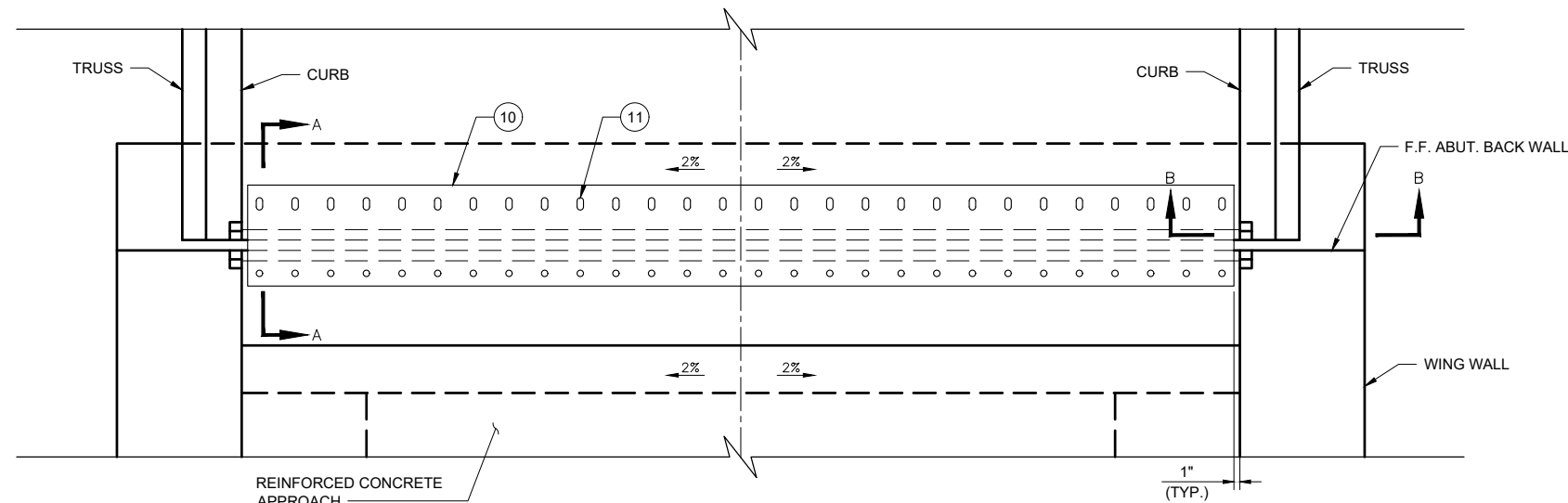
MADISON, WI

CONTRACT NO: 9517

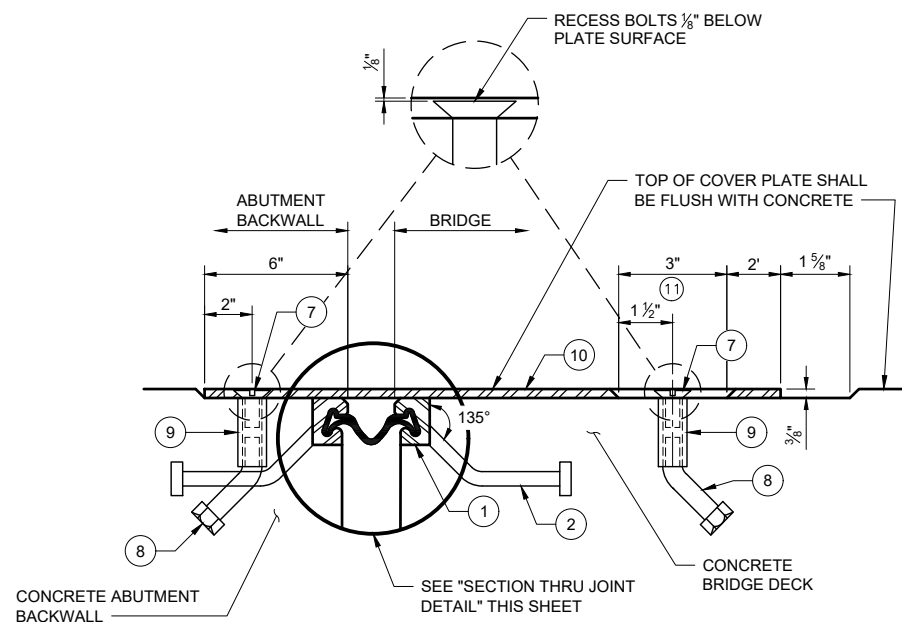
ABUTMENT DETAILS
PHEASANT BRANCH GREENWAY ENHANCEMENT
MAD102011341Drawings\CAD\Pheasant Branch Greenway Ped. Bridge\Sheets\X-border.dwg



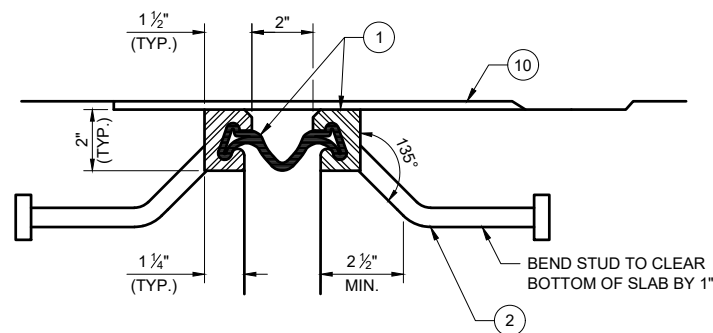
14370
S5



TYPICAL PLAN



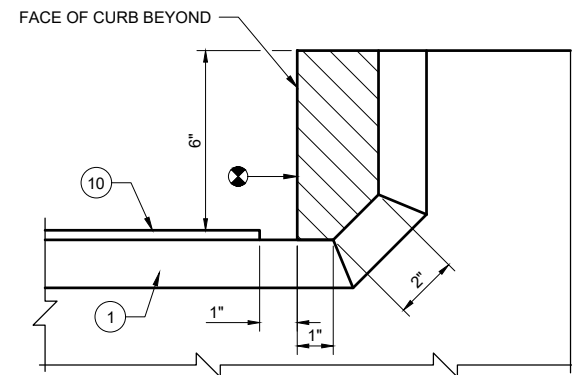
**SECTION A-A
THRU JOINT**



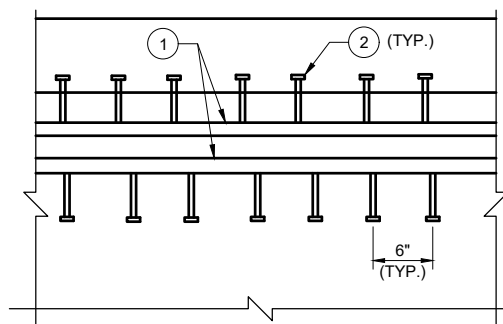
SECTION THRU JOINT DETAIL

APPROVED SLIP-RESISTANT APPLIED SURFACES FOR STEEL PLATES		
PRODUCT	MANUFACTURER	CONTACT AT
SLIPNOT GRADE 2, STEEL	W. S. MOLNAR COMPANY	1-800-SLIPNOT
ALGRIP, STEEL	ROSS TECHNOLOGY CORP.	1-800-345-8170

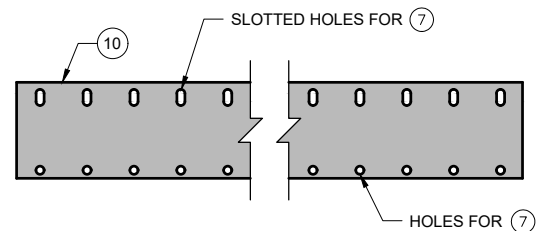
STRIP SEAL EXPANSION JOINT AND COVER PLATE DETAILS



**SECTION B-B
THRU JOINT AT CURB**



PART PLAN
(COVER PLATES NOT SHOWN)



**PLAN OF COVER PLATE WITH
SLIP-RESISTANT SURFACE**

PLACE SLIP-RESISTANT SURFACE ON TOP WALKING SURFACE IN SHADED AREA.

LEGEND

- ① NEOPRENE STRIP SEAL (4-INCH) AND STEEL EXTRUSIONS.
- ② STUDS $\frac{3}{8}$ " DIA. x $6 \frac{3}{8}$ " LONG AT 6" CENTERS. WELD TO EXTRUSIONS AND BEND AS SHOWN AFTER WELDING.
- ⑦ $\frac{3}{4}$ " DIA. x $1 \frac{1}{2}$ " STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. RECESS $\frac{1}{8}$ " BELOW PLATE SURFACE.
- ⑧ $\frac{3}{4}$ " DIA. x 4" GALVANIZED HEX. HEAD BOLT. AT ABUTMENT BACKWALL, BEND 45°. AT BRIDGE DECK, BEND TO CLEAR BOTTOM OF SLAB BY 1".
- ⑨ $\frac{3}{4}$ " DIA. x $2 \frac{1}{4}$ " GALVANIZED THREADED COUPLING.
- ⑩ GALVANIZED PLATE $\frac{3}{8}$ " x $1'-4"$ x $13'-10"$, WITH HOLES FOR NO. 7.
- ⑪ 1" x 3" SLOTTED COUNTERSUNK HOLE FOR NO. 7. SLOT PARALLEL TO DIRECTION OF MOVEMENT.
- ⊗ BLOCK OUT CONCRETE 2" EACH SIDE OF JOINT OPENING.

GENERAL NOTES

NO FIELD SPLICE PERMITTED IN STEEL EXTRUSIONS. NO SPLICING PERMITTED IN NEOPRENE STRIP SEAL.

AFTER FABRICATION, BUT BEFORE SHIPMENT, STRAIGHTEN STEEL EXTRUSIONS SUCH THAT THEY SHALL BE FREE FROM WARP, TWIST AND SWEEP.

FABRICATOR SHALL PROVIDE MEANS OF KEEPING GALVANIZED EXTRUSIONS CLEAN AND SMOOTH DURING SHIPMENT AND PRIOR TO APPLYING LUBRICANT ADHESIVE FOR NEOPRENE GLAND INSTALLATION.

SANDBLAST PLATES AND EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC SP. NO. 6 "COMMERCIAL BLAST CLEANING". AFTER BLAST CLEANING, THE PLATES AND EXTRUSIONS SHALL BE HOT DIPPED GALVANIZED. SLIP-RESISTANT SURFACE SHALL BE APPLIED PRIOR TO GALVANIZING.

ANCHOR SYSTEM NO. 8 AND NO. 9 SHALL CONFORM TO ASTM A307 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C AND D.

THE EXPANSION DEVICE MANUFACTURER SHALL PROVIDE A MECHANISM TO SUPPORT THE JOINT IN PLACE DURING THE CONCRETE POUR.

STRIP SEAL EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE WILL BE PAID FOR AT THE LINEAR FOOT UNIT PRICE BID FOR "EXPANSION DEVICES".

PLACE SLIP RESISTANT SURFACE ON TOP WALKING SURFACE OF COVER PLATE. SEE DETAIL THIS SHEET.

JOINT MANUFACTURER SHALL PROVIDE JOINT DETAILS TO THE STEEL BRIDGE DESIGNER/FABRICATOR.

STRUCTURE DETAILS

PHEASANT BRANCH GREENWAY ENHANCEMENT

MADISON, WI

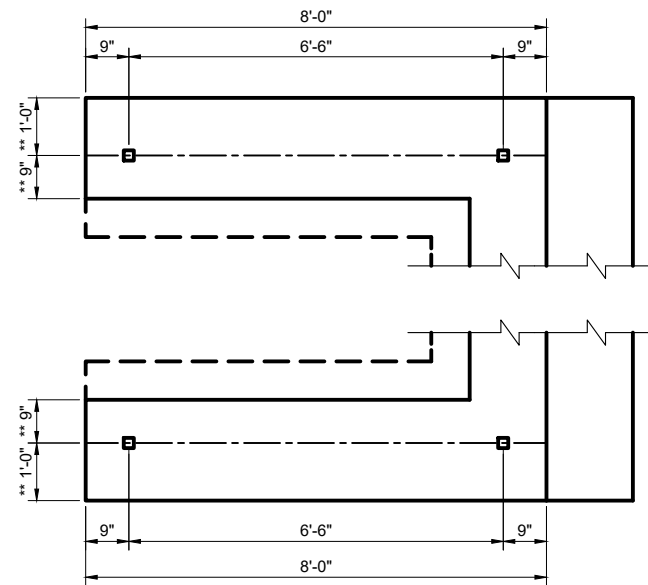
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CONTRACT NO.:

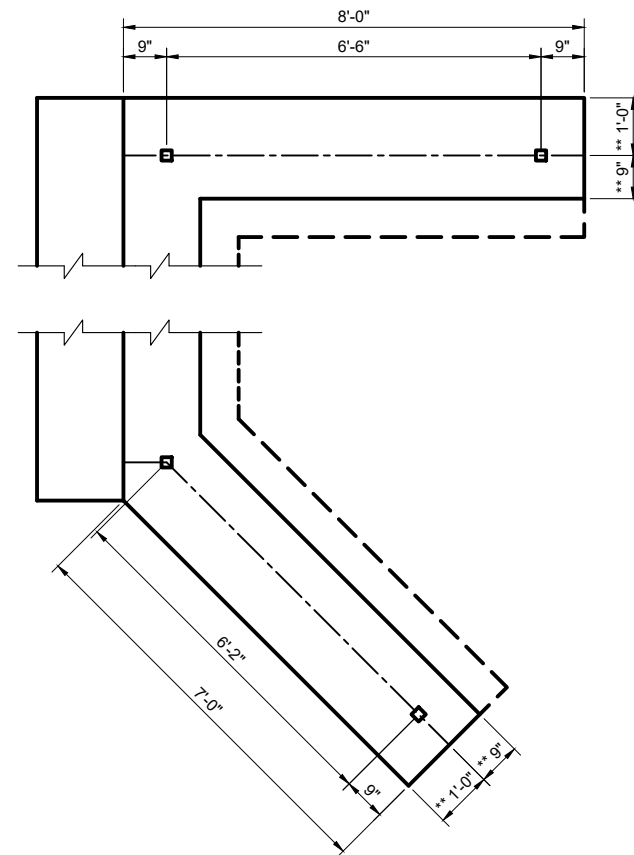
9517



14370
S6

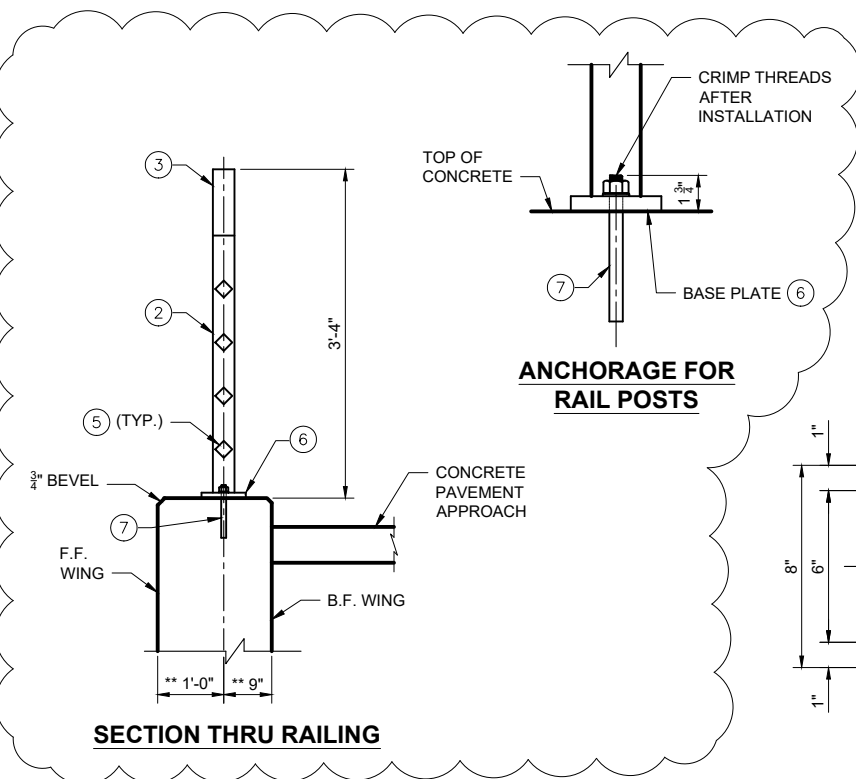


SOUTH ABUTMENT



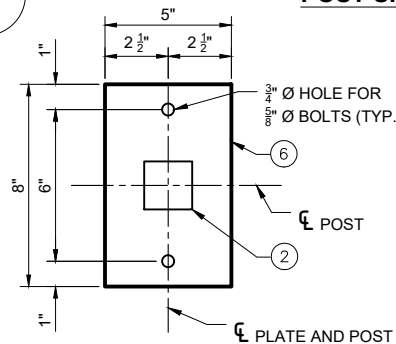
NORTH ABUTMENT

RAILING POST PLAN

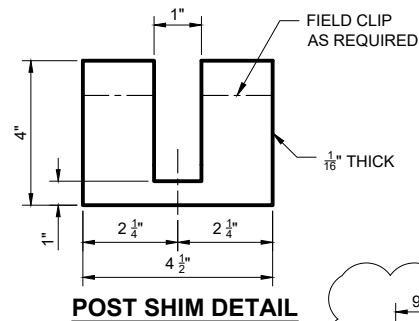


SECTION THRU RAILING

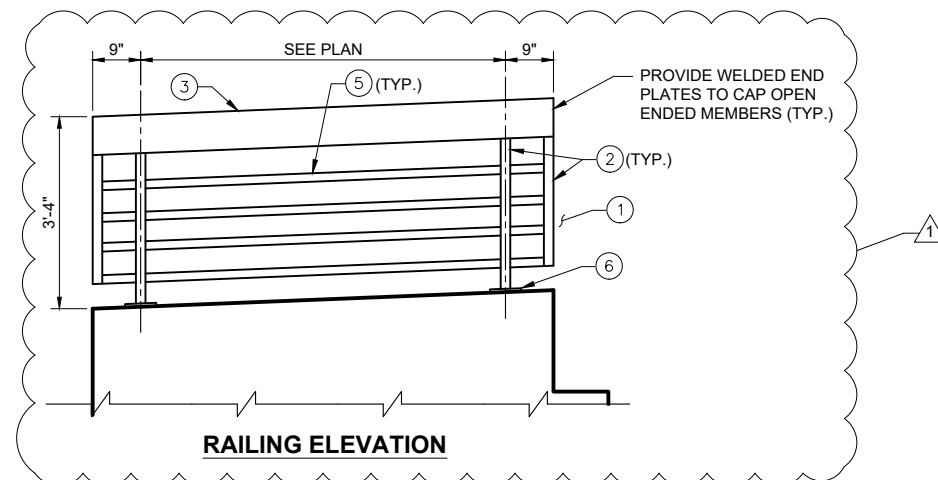
ANCHORAGE FOR RAIL POSTS



**BASE PLATE
RAILING STEEL PEDESTRIAN**



POST SHIM DETAIL



RAILING ELEVATION

LEGEND

- (1) PROVIDE 4" MAX. GAP BETWEEN BRIDGE TRUSS AND ABUTMENT RAILING END
 - (2) HSS 2"x2"x 1/4" STEEL POST.
 - (3) HSS 8"x2"x 1/4" STEEL TOP RAIL. WELD TO NO. 2.
 - (4)
 - (5) HSS 1 1/2"x1 1/2"x 3/8" STEEL INTERMEDIATE RAIL. WELD TO NO. 2. SPACE EVENLY AND ALIGN WITH PREFABRICATED BRIDGE INTERMEDIATE RAILS.
 - (6) PLATE 3/4"x5"x8" WITH 3/4"Ø HOLES FOR ANCHOR BOLTS NO. 7. WELD TO NO. 2 AS SHOWN.
 - (7) 5/8" DIA. x 9" LONG 316 STAINLESS STEEL ADHESIVE ANCHORS WITH NUT AND WASHERS OF SAME ALLOY GROUP. EMBED MIN. 7".
- * ALIGN BOTTOM RAIL, RUB RAIL, AND SAFETY RAILS WITH SIMILAR FABRICATED BRIDGE RAILING ELEMENTS.
- ** ALIGN INSIDE FACE OF ABUTMENT RAILING WITH INSIDE FACE OF BRIDGE TRUSS.

NOTES

BID ITEM SHALL BE "RAILING STEEL PEDESTRIAN" WHICH SHALL INCLUDE ALL STEEL ITEMS SHOWN AS WELL AS CAULKING AND PAINTING.

ALL MATERIAL (EXCEPT NO. 7) SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, THE STEEL RAILING SHALL BE GIVEN A NO. 6 BLAST CLEANING PER SSPC SPECIFICATIONS. PAINT OVER GALVANIZING WITH AN APPROVED TIE COAT AND TOP COAT AS SPECIFIED. THE RAILING SHALL BE PAINTED FEDERAL STANDARD NO. 595B COLOR #20059, BROWN.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

STEEL POST SHIMS MAY BE USED UNDER POSTS WHERE REQUIRED FOR ALIGNMENT AND SHALL BE GALVANIZED.

SPACING OF SAFETY RAIL, RUB RAIL, AND BOTTOM RAIL SHALL PRODUCE MAXIMUM OPENINGS OF LESS THAN 4".

NO. 2,3,4 AND 5 STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B. NO. 6 SHALL CONFORM TO ASTM A709 GRADE 36.

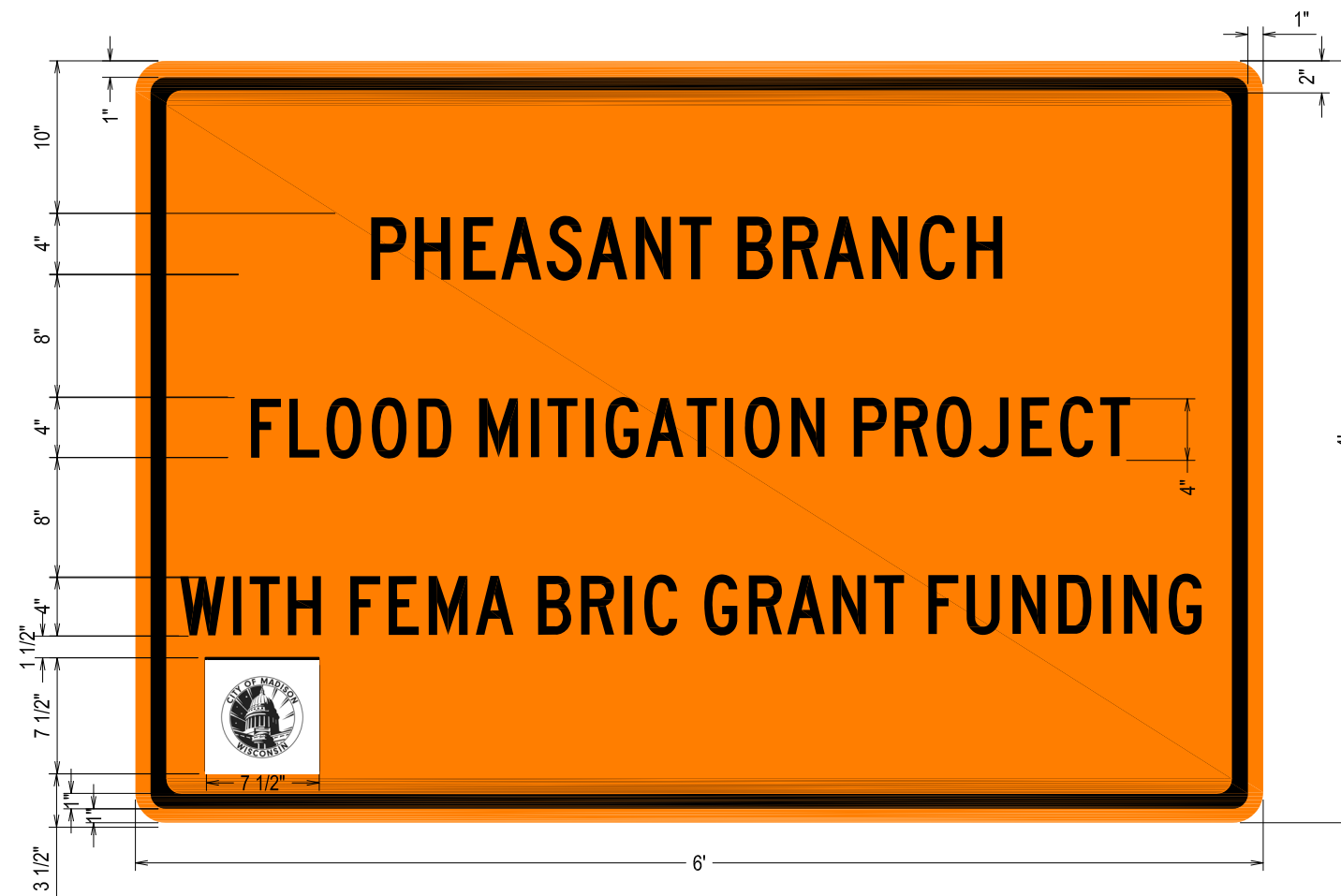
CUT BOTTOM OF POSTS TO MAKE THEM VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

CAULK AROUND PERIMETER OF BASE PLATES, NO. 6, AND FILL BOLT HOLE OPENINGS IN SHIMS AND BASE PLATES WITH NON-STAINING BROWN NON-BITUMINOUS JOINT SEALER. COLOR OF BROWN CAULK SHALL MATCH PAINTED RAILING.

RAILING SHALL BE FABRICATED IN FULL LENGTHS SUCH THAT NO FIELD SPLICING IS REQUIRED.

VENT HOLES SHALL BE DRILLED IN POST AND RAIL MEMBERS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE. HOLES SHALL BE DRILLED IN BOTTOM OF RAIL MEMBERS.

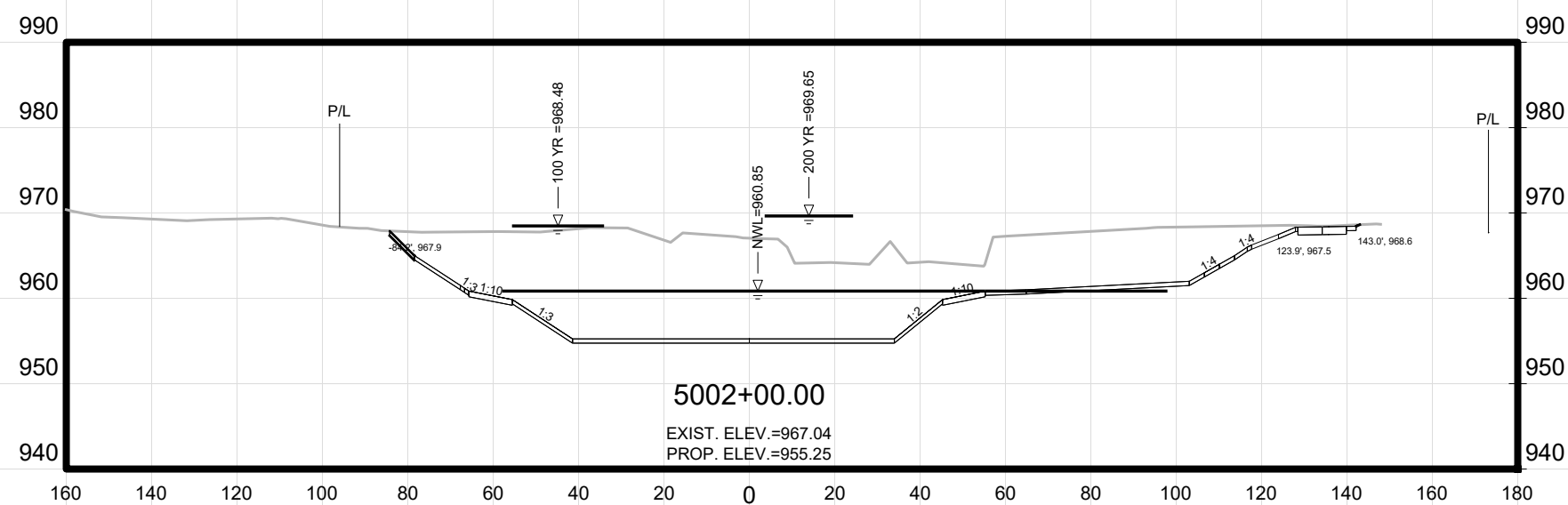
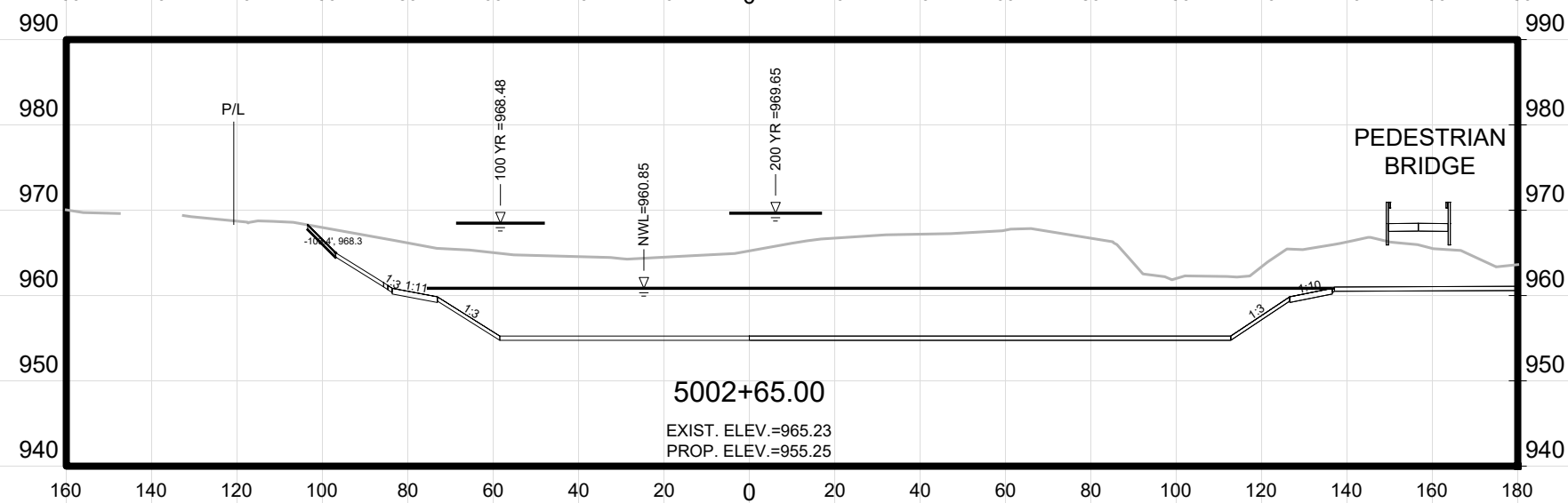
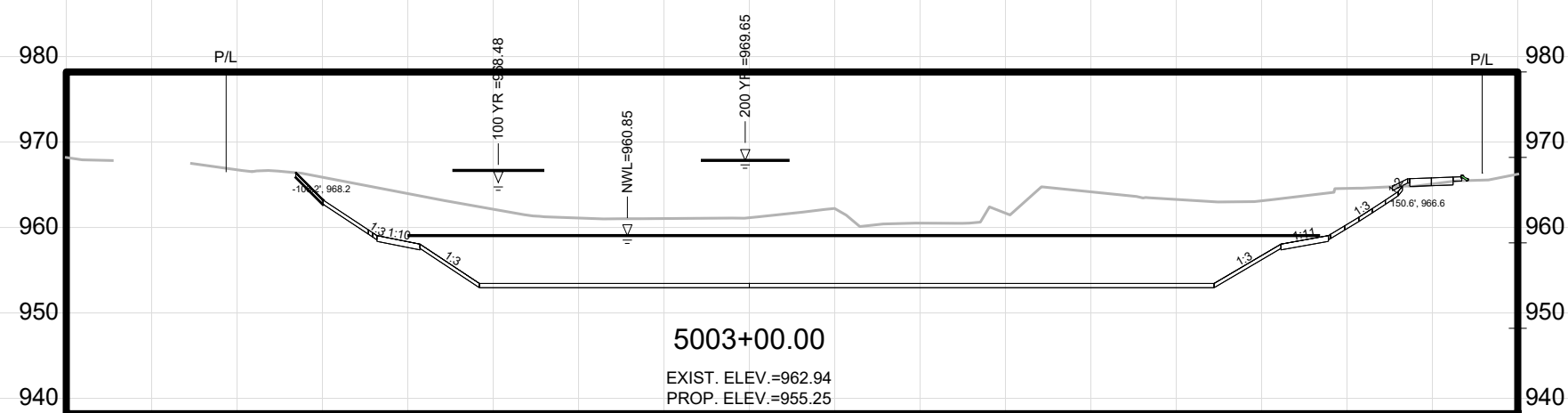
TOUCH-UP PAINTING TO BE DONE AT COMPLETION OF STEEL RAILING INSTALLATION TO THE SATISFACTION OF THE CITY AT NO ADDITIONAL COST.

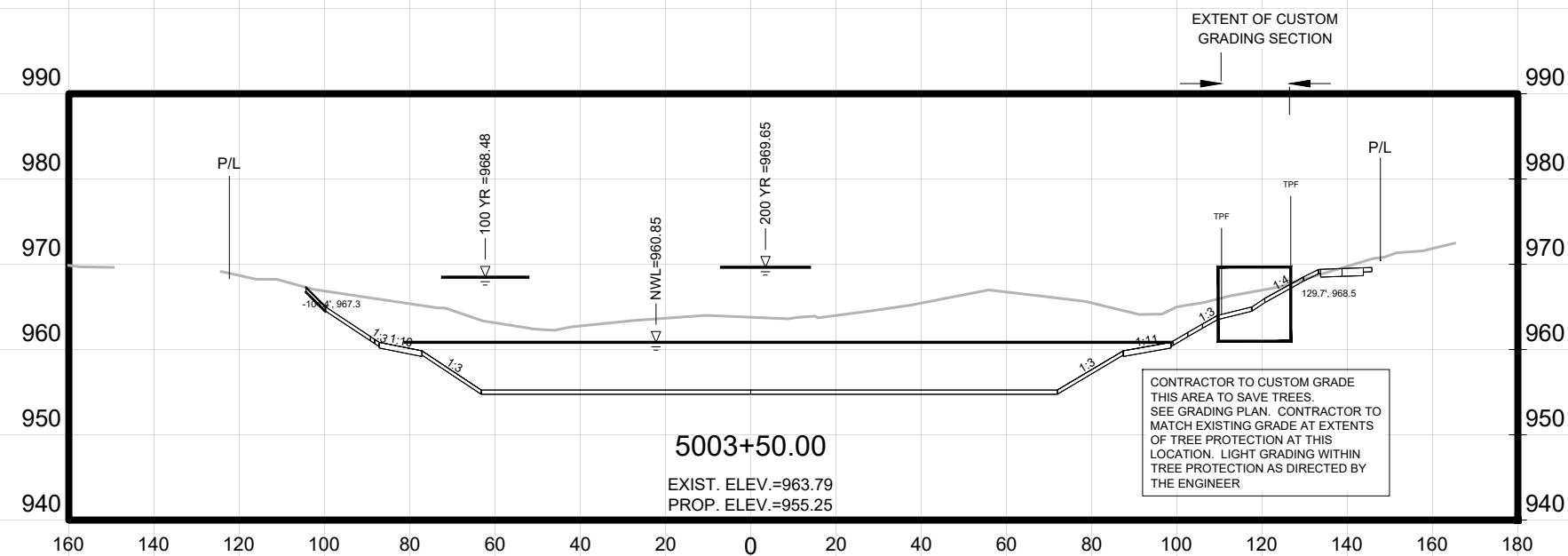
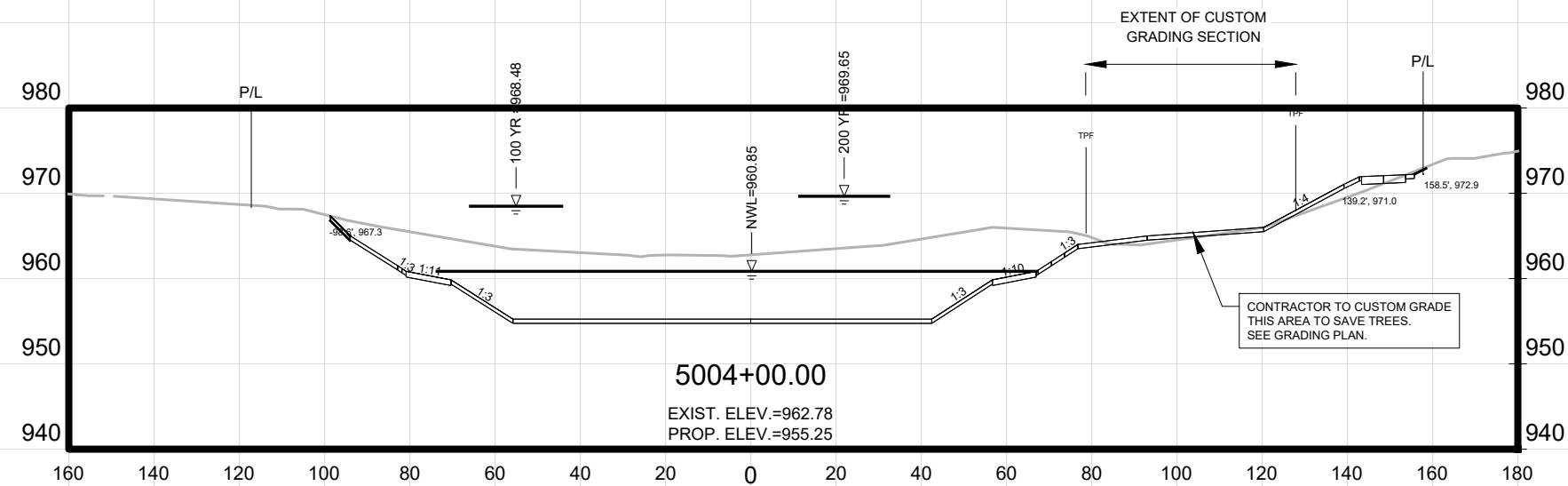


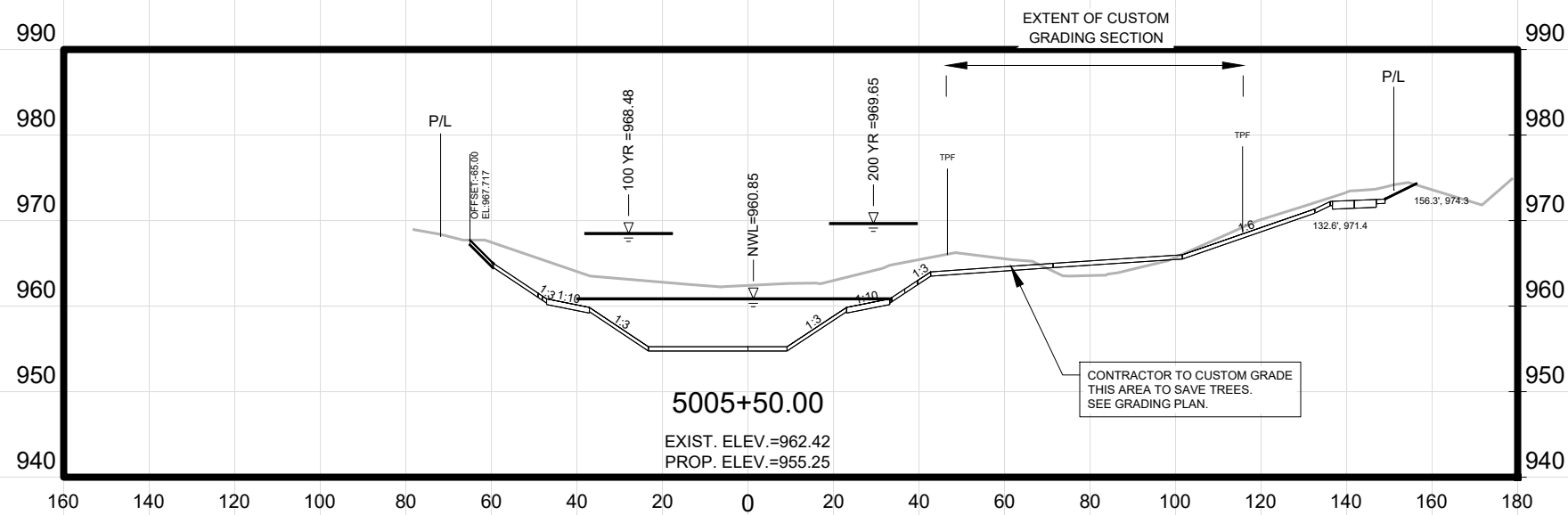
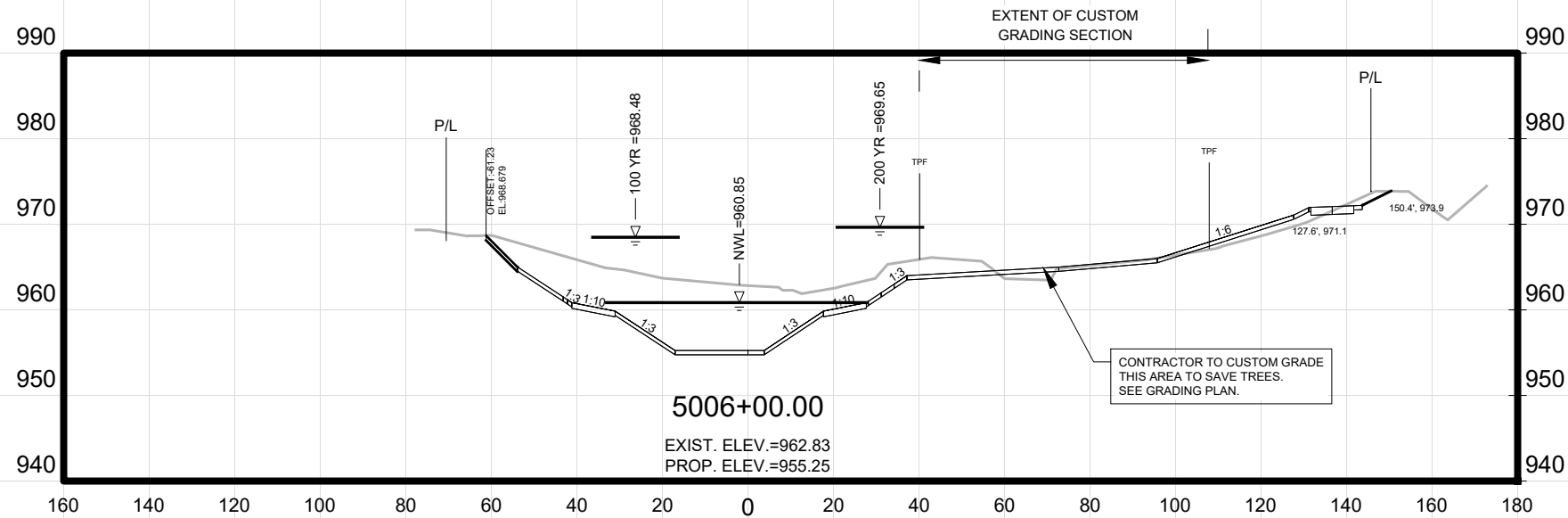
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 MESSAGE = BLACK
 BORDER = BLACK
2. LETTERING SERIES = C
3. MINIMUM SIGN REFLECTIVITY = HIGH INTENSITY PRISMATIC GRADE
4. SIGN MATERIAL MAY BE PLASTIC OR METAL
5. CONTRACTOR SHALL MAINTAIN SIGNS FOR DURATION OF PROJECT ATTACHED TO TYPE III BARRICADE







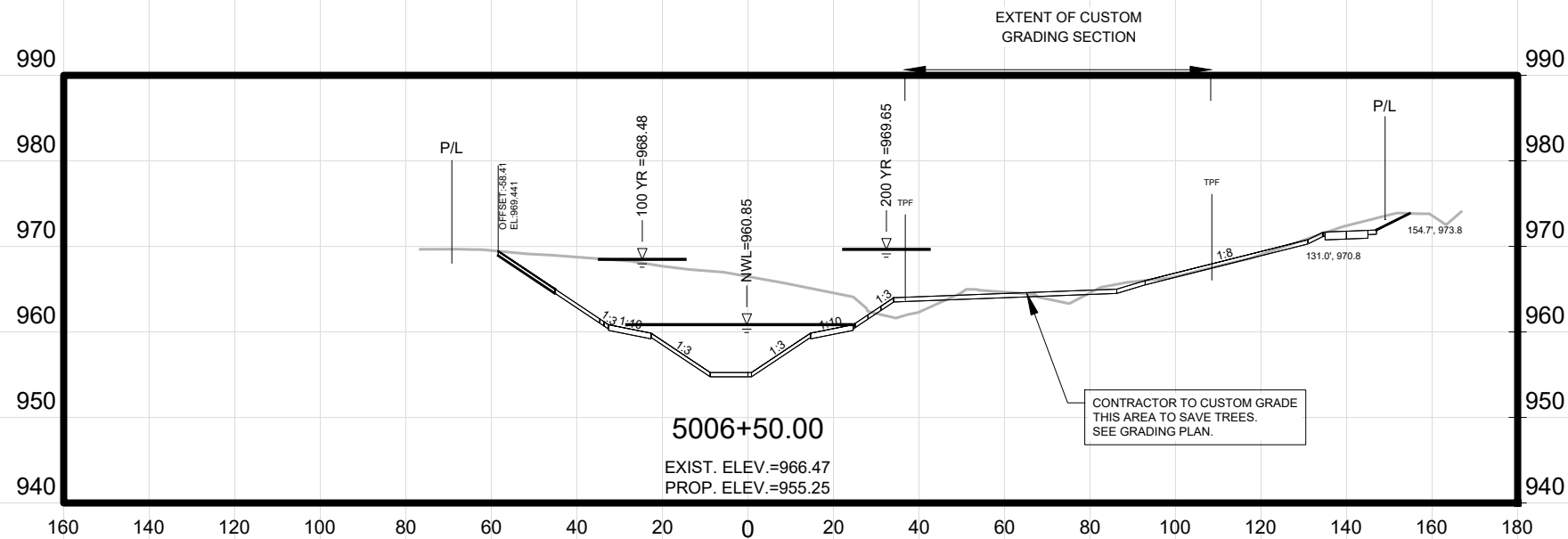
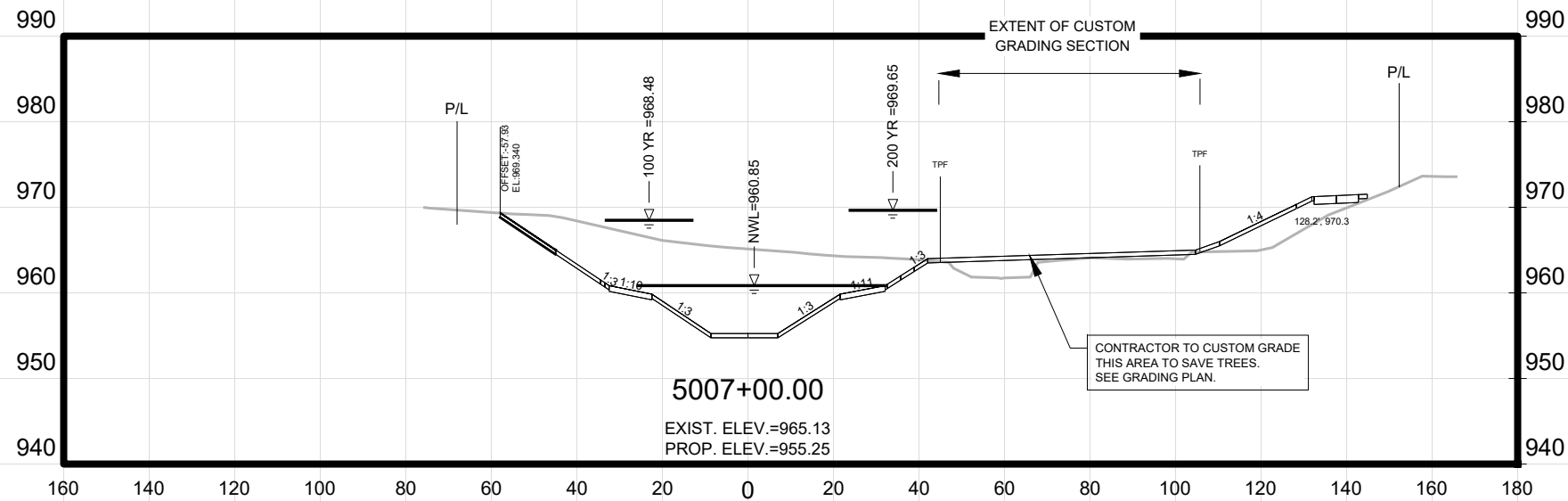


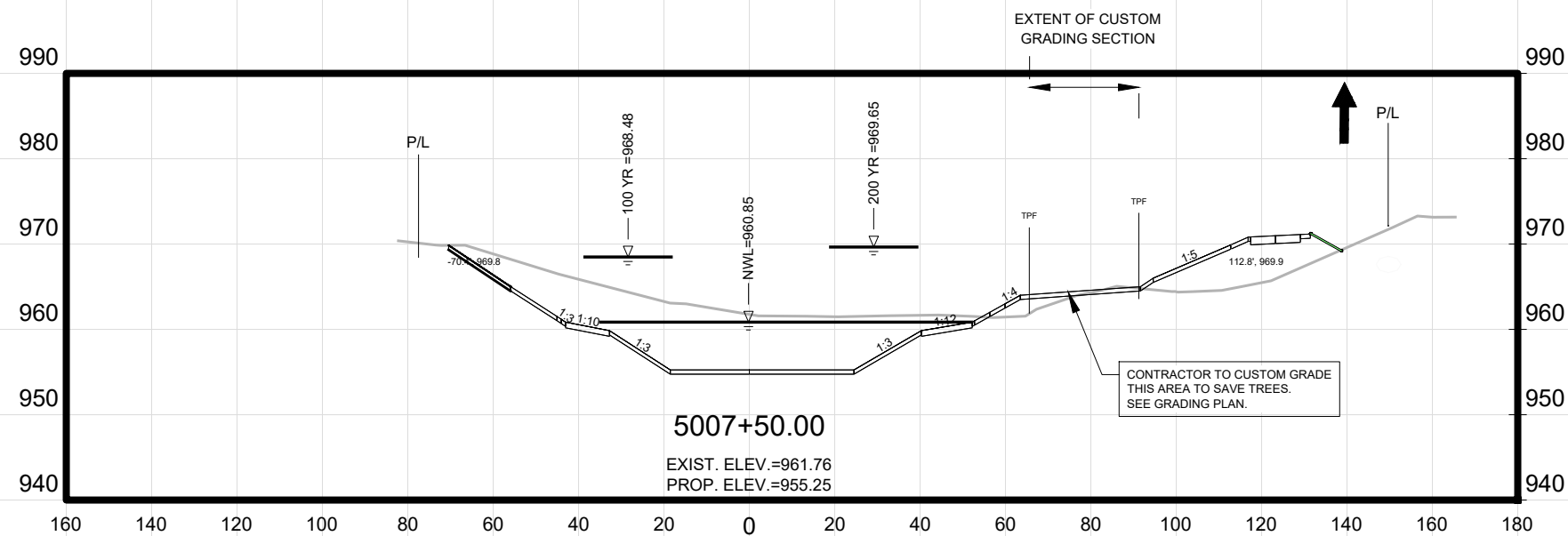
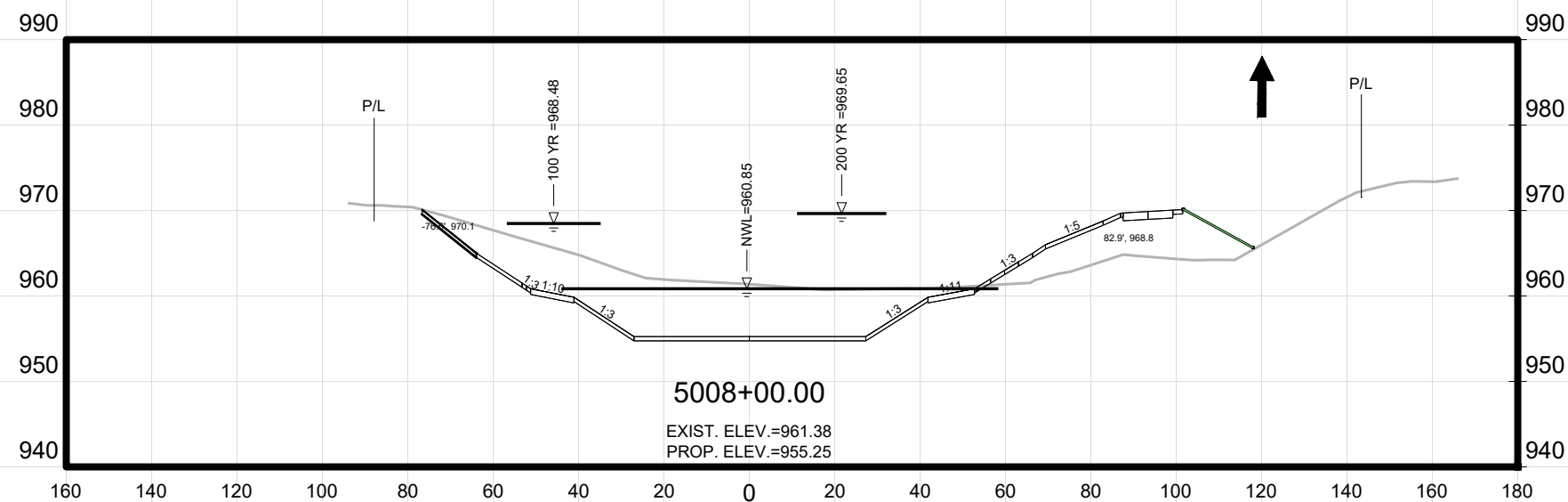
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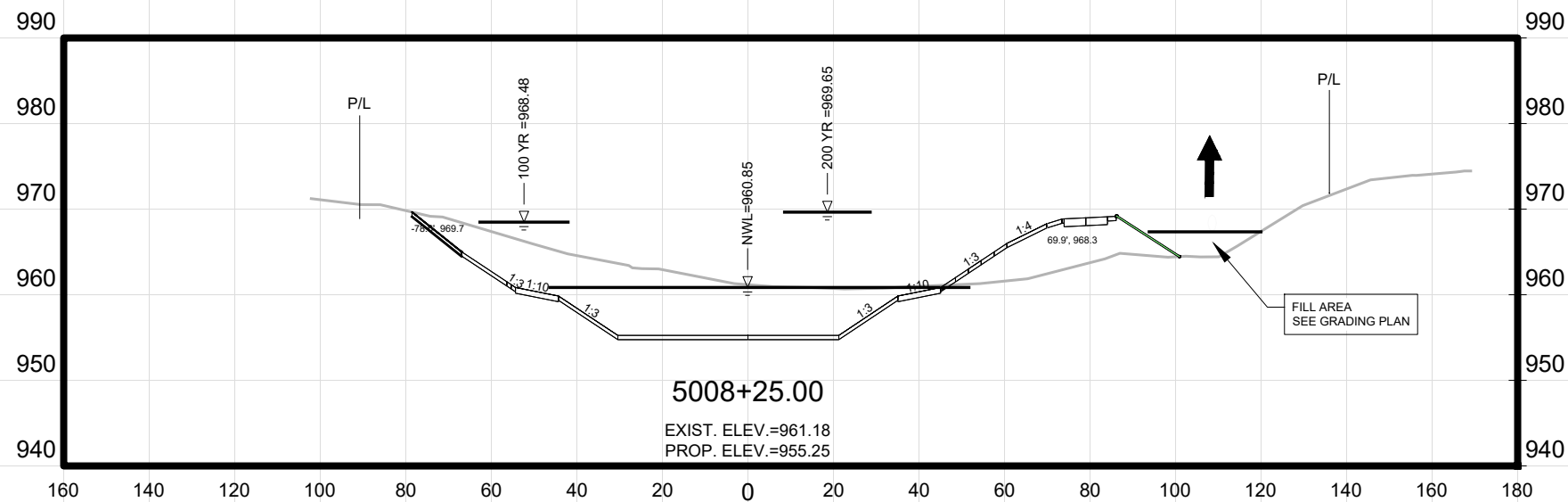
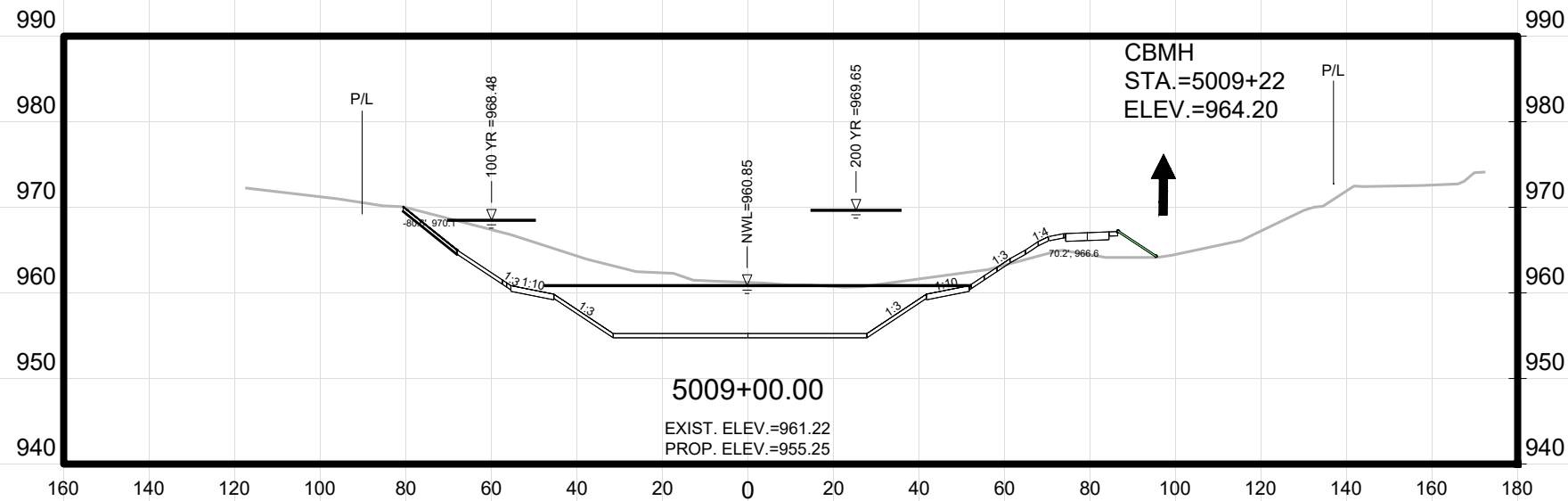
CROSS SECTIONS - GREENWAY
PHEASANT BRANCH GREENWAY ENHANCEMENT
MADISON, WI
14370
9517
CONTRACT NO:
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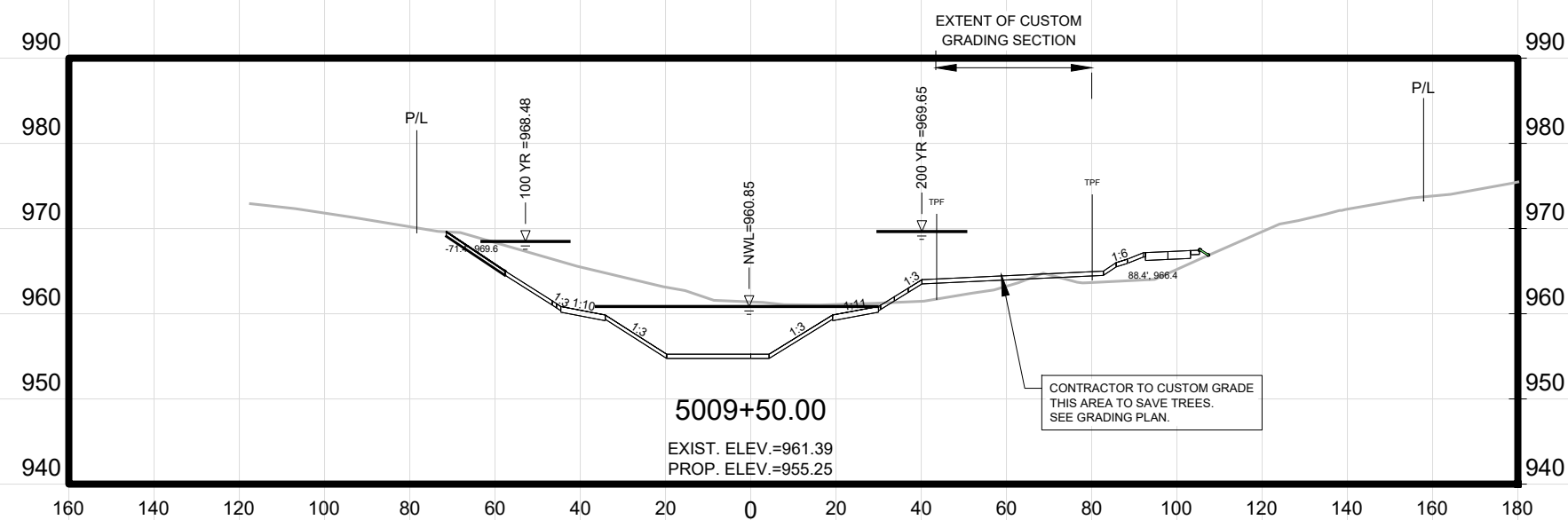
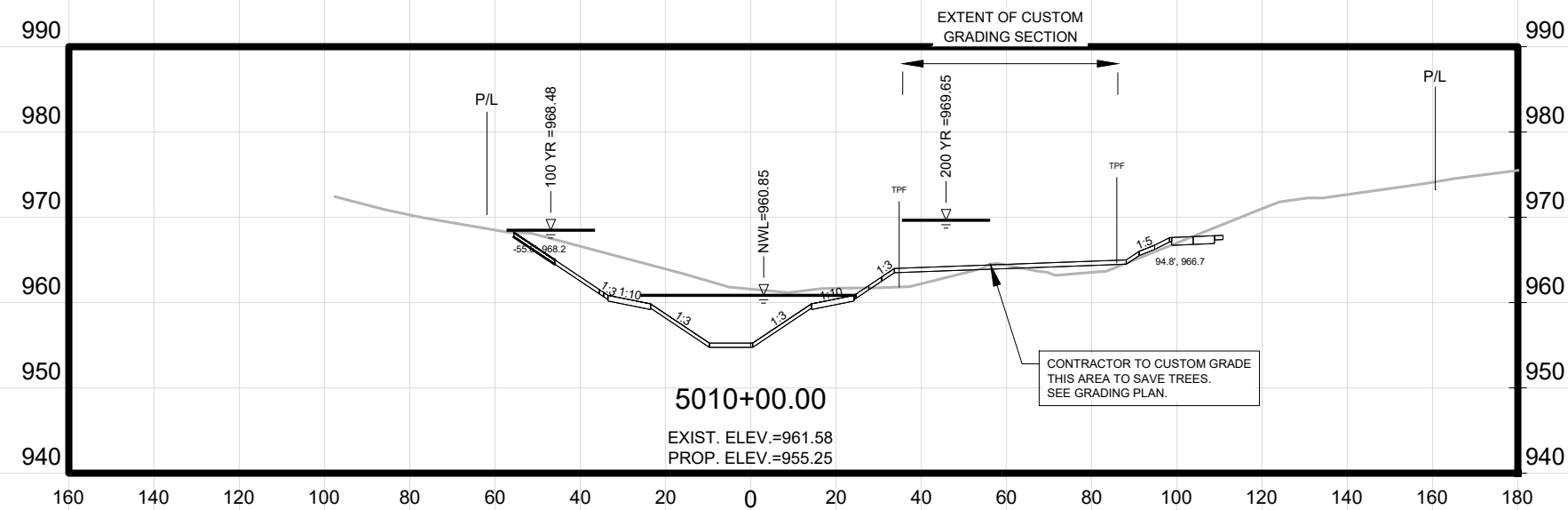


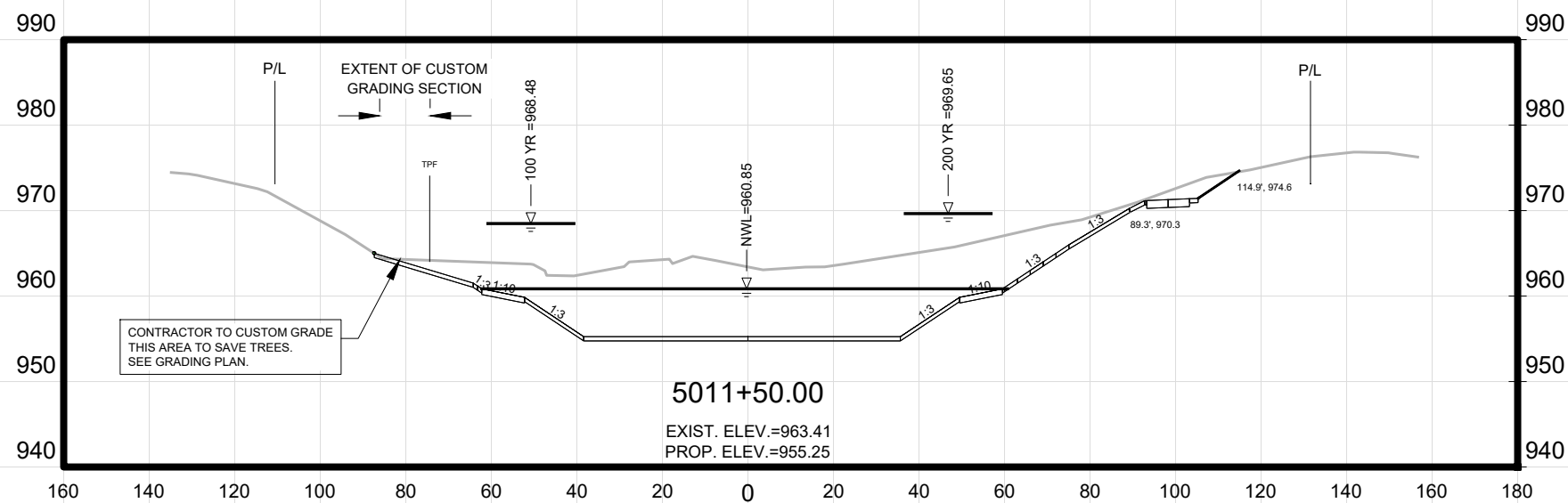
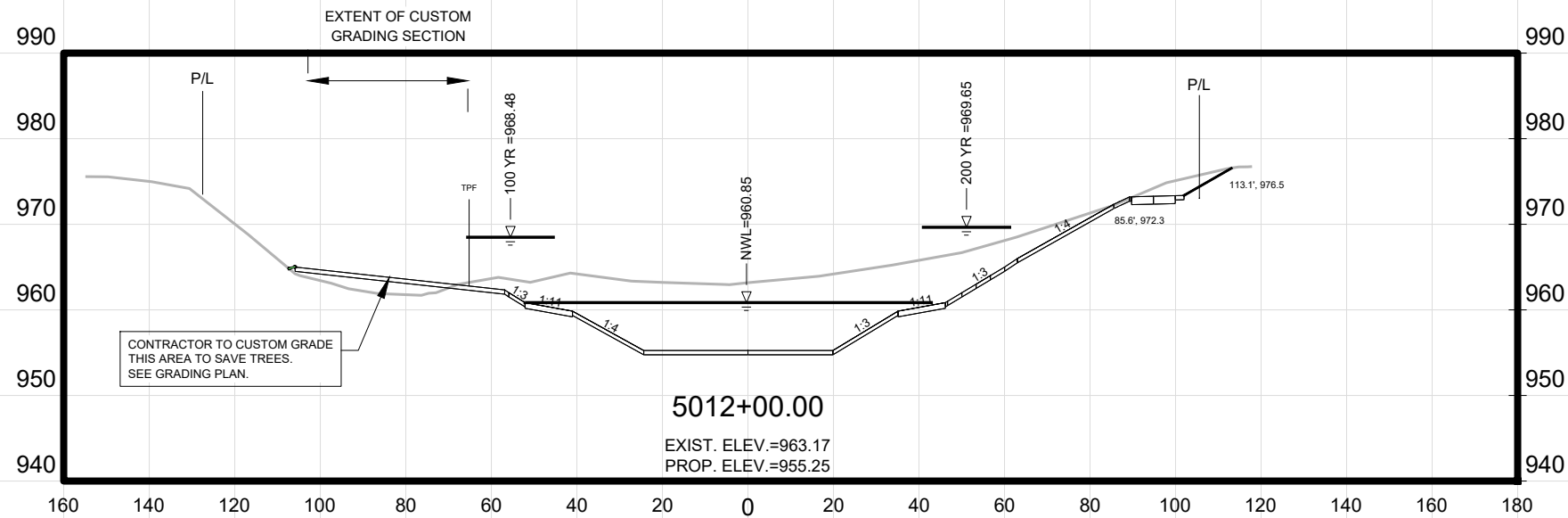
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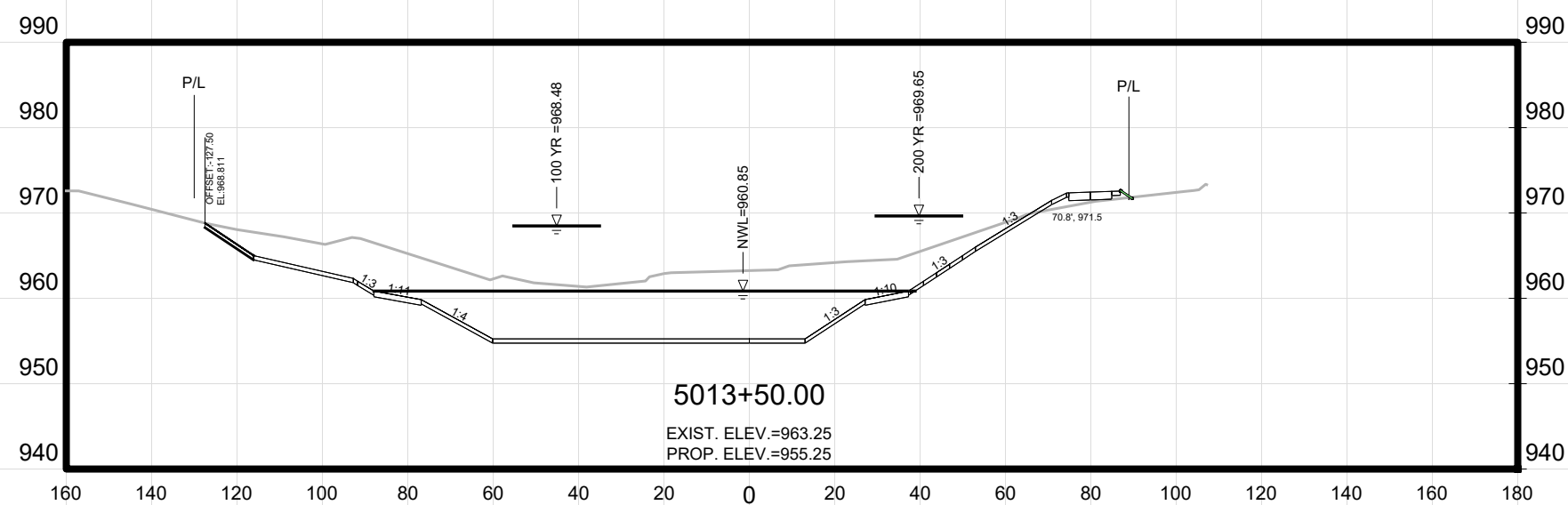
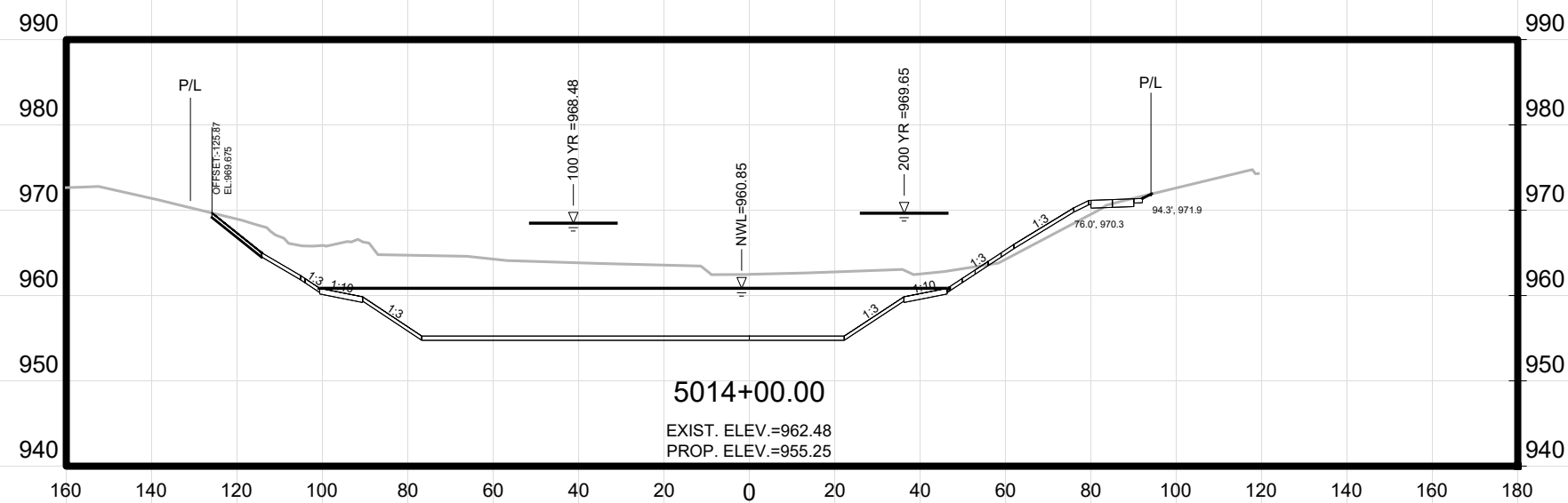












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CROSS SECTIONS - GREENWAY

PHEASANT BRANCH GREENWAY ENHANCEMENT

MADISON, WI

CONTRACT NO: 9517

21 Client's Address Of Marlton/Delaware Branch Greenway Enhancement(Erinnaeerrin)Plan Sheets/2023 0227 Cross Sections.dgn

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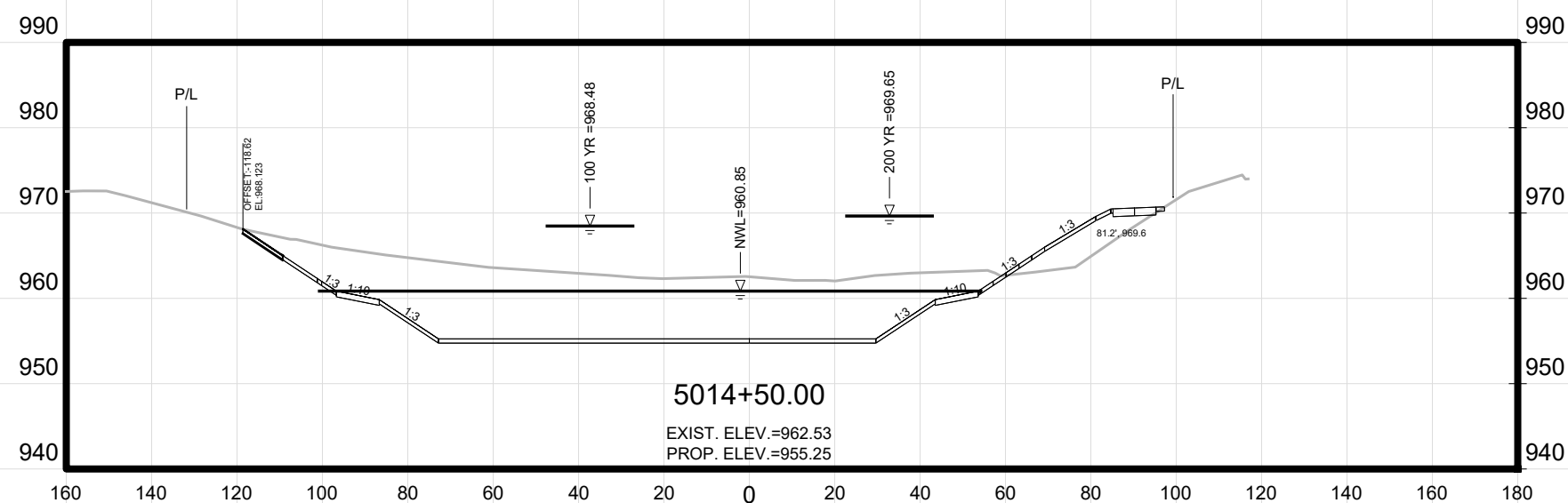
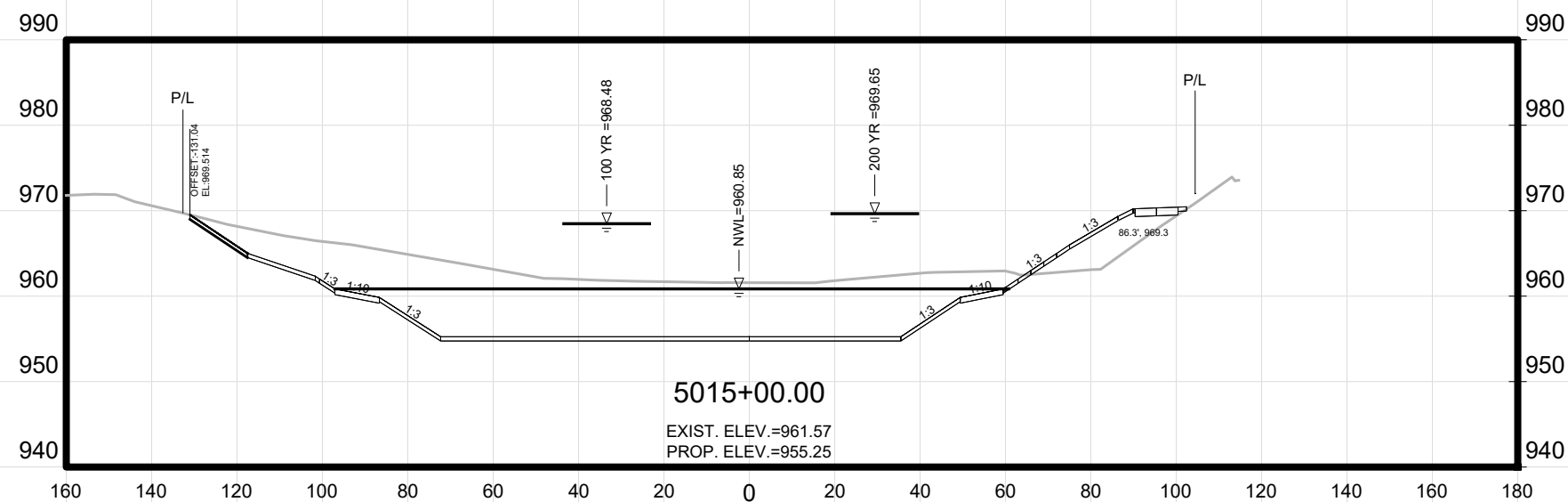
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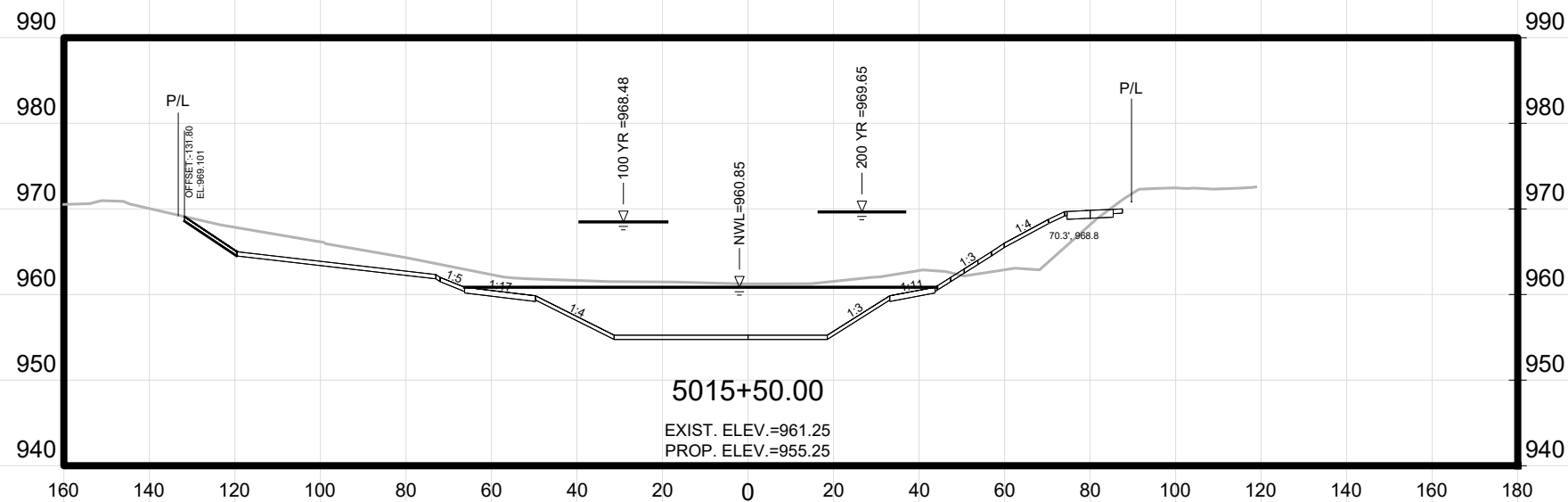
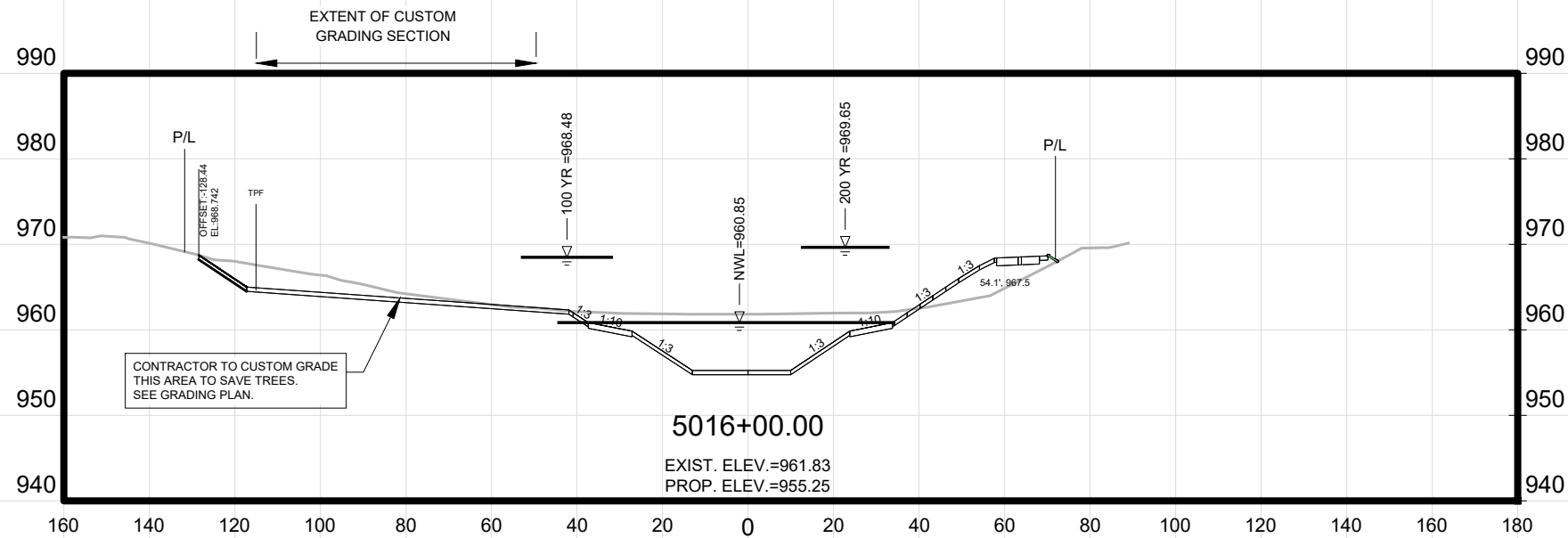
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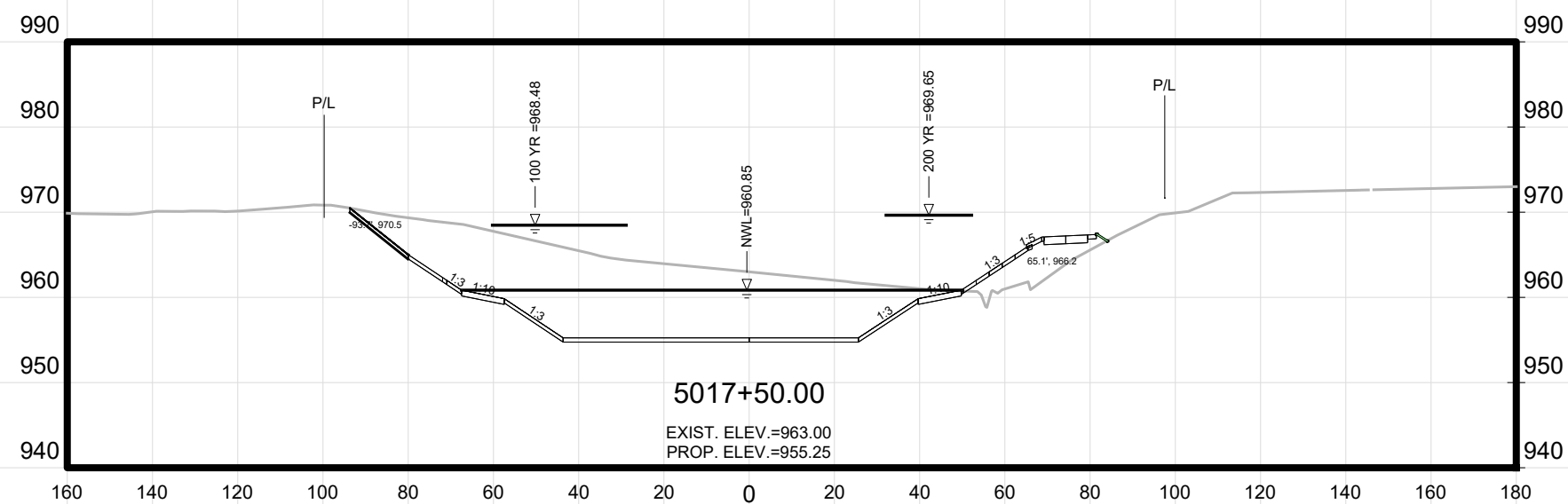
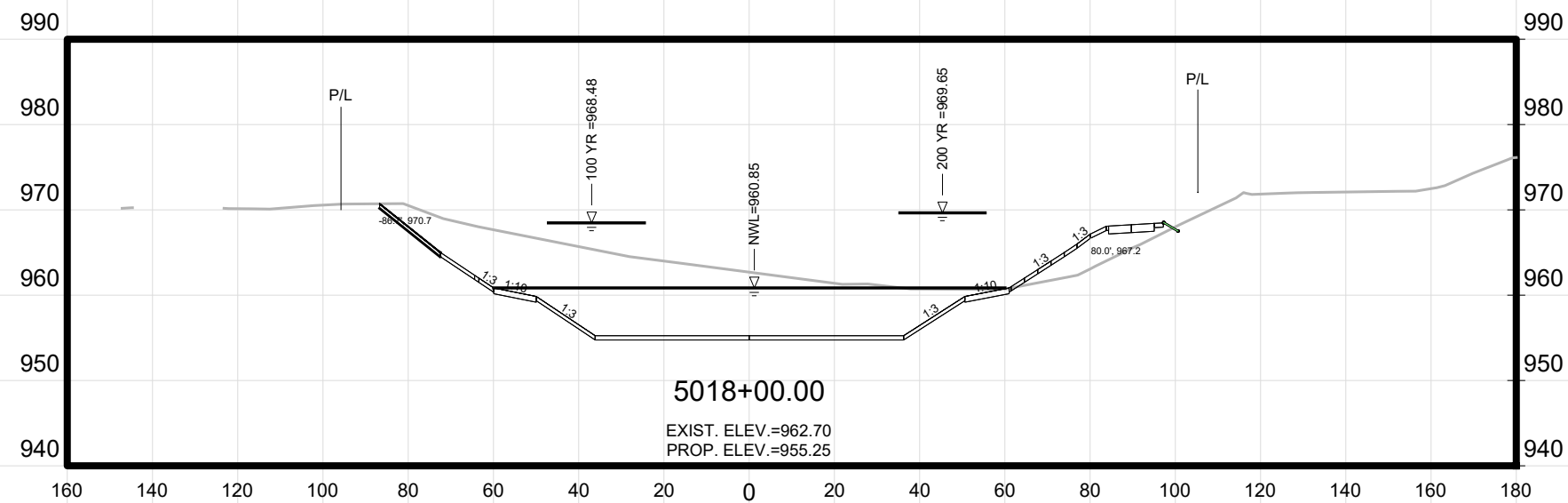
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CROSS SECTIONS - GREENWAY

PHEASANT BRANCH GREENWAY ENHANCEMENT

MADISON, WI

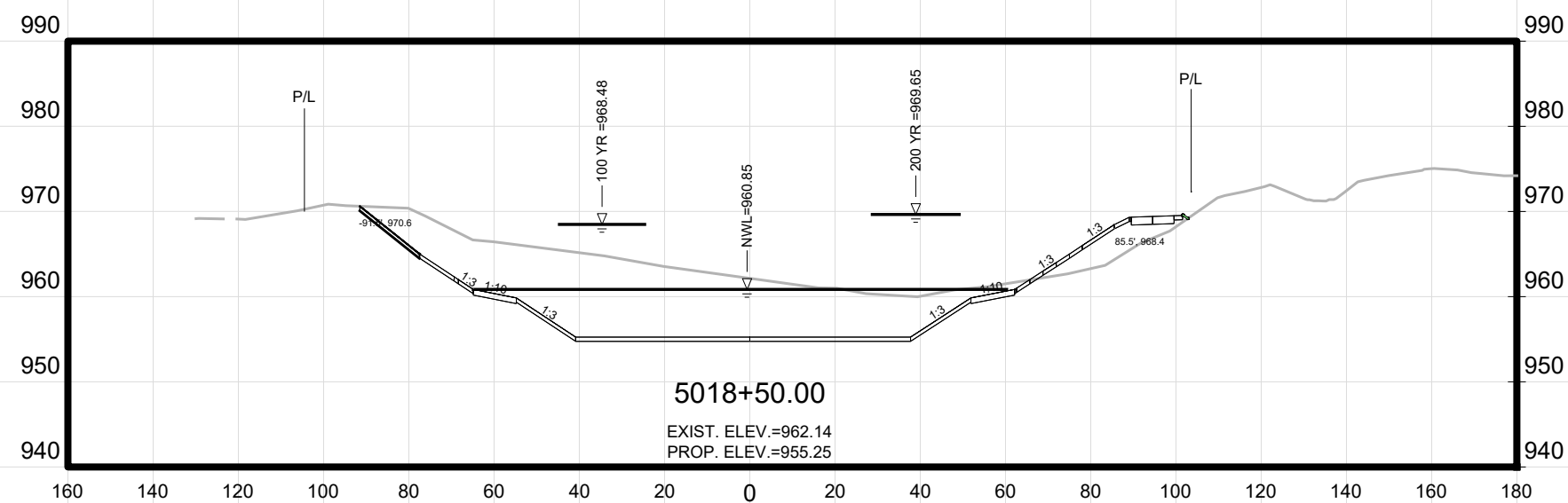
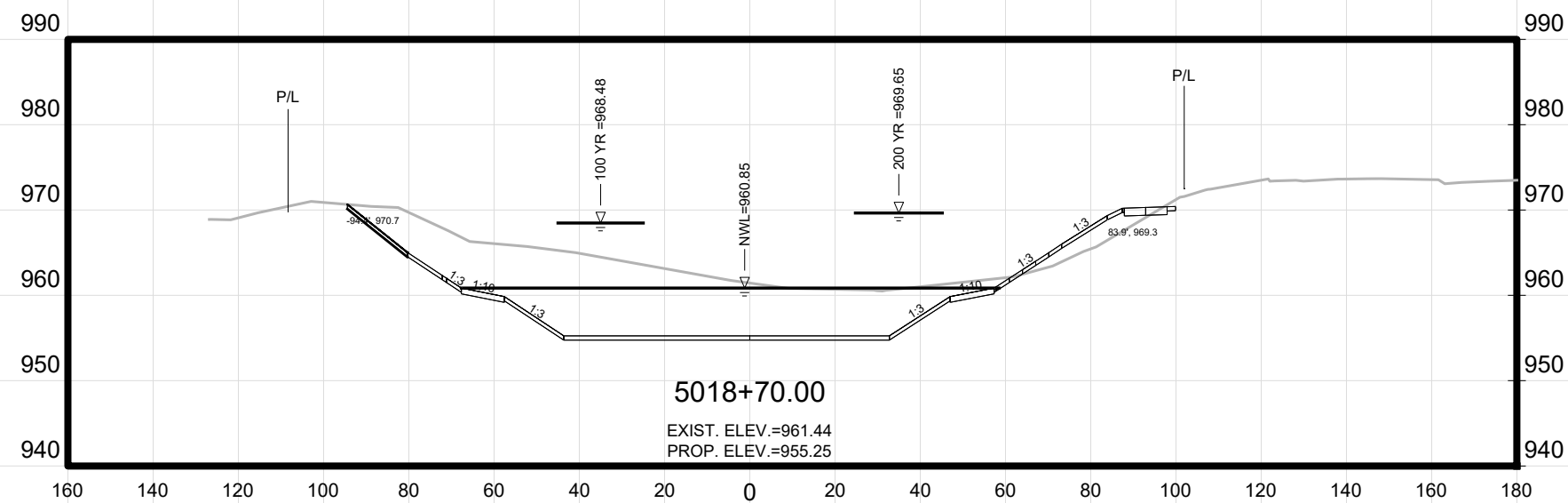
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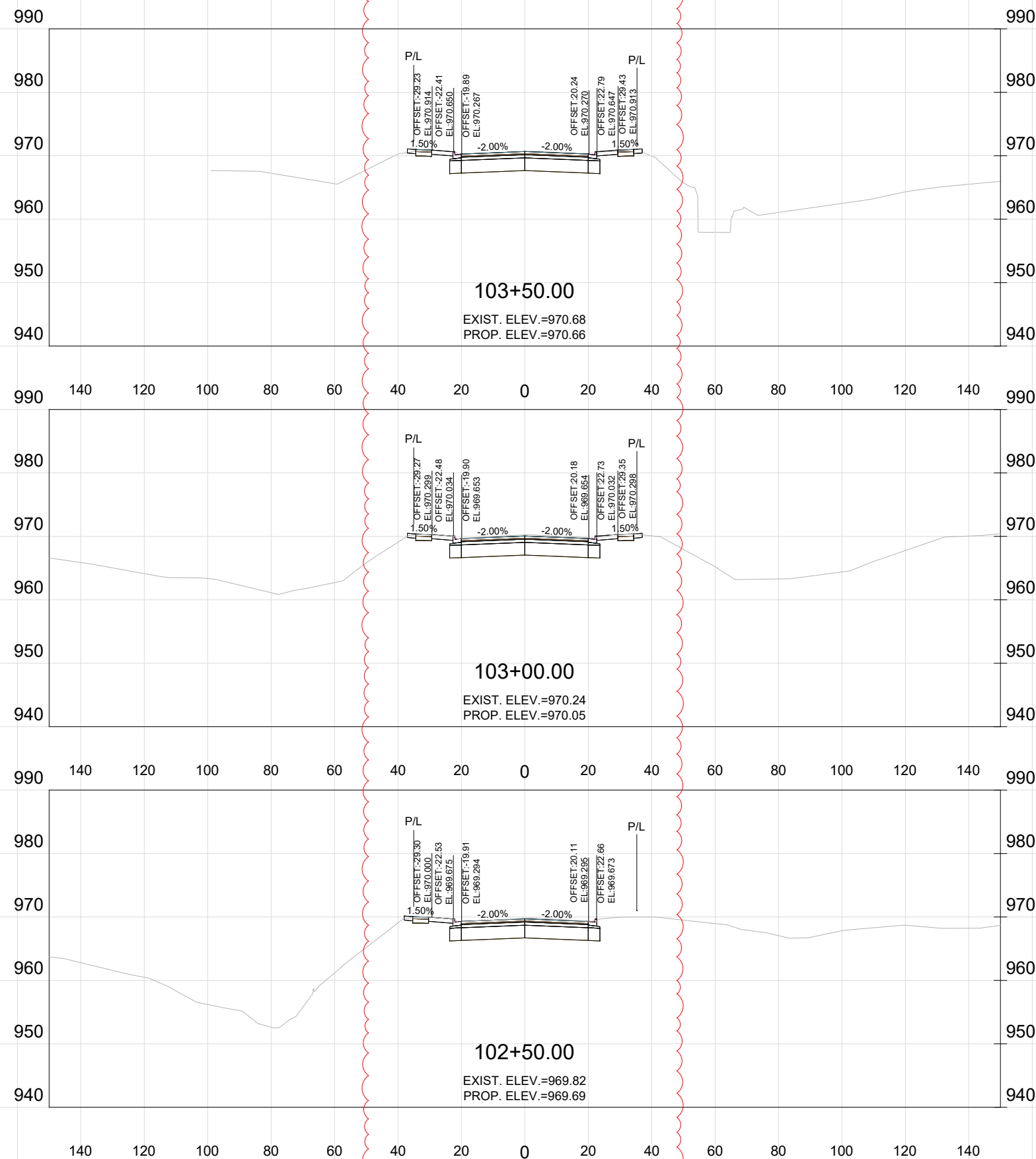
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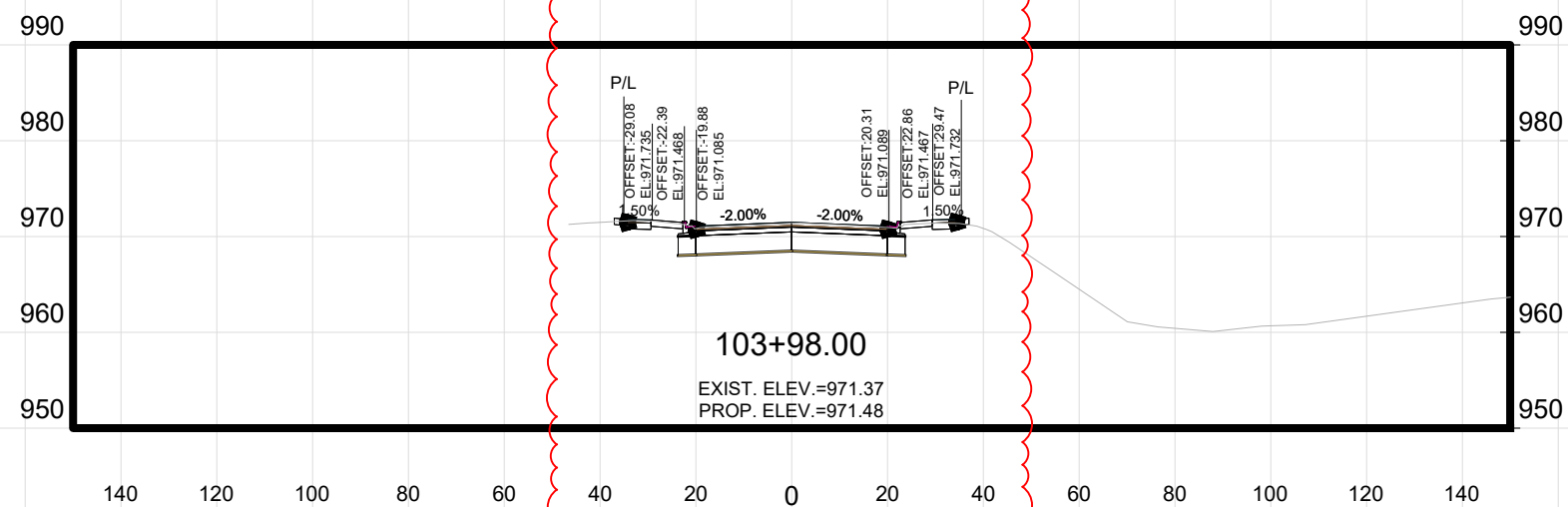
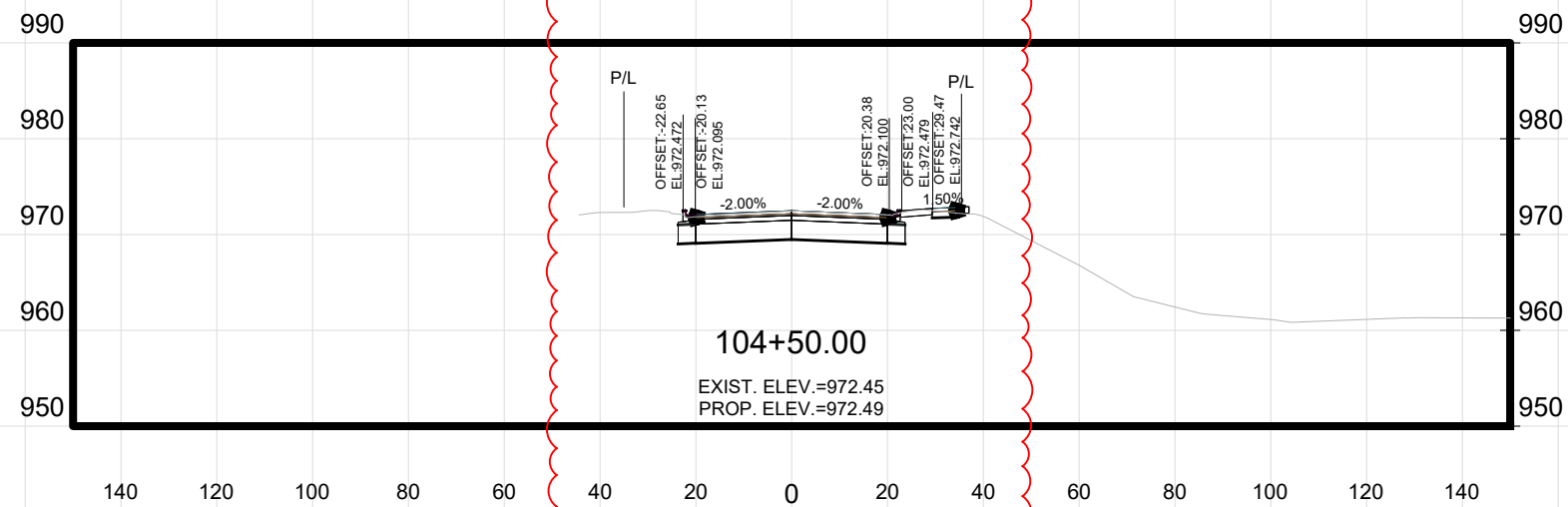
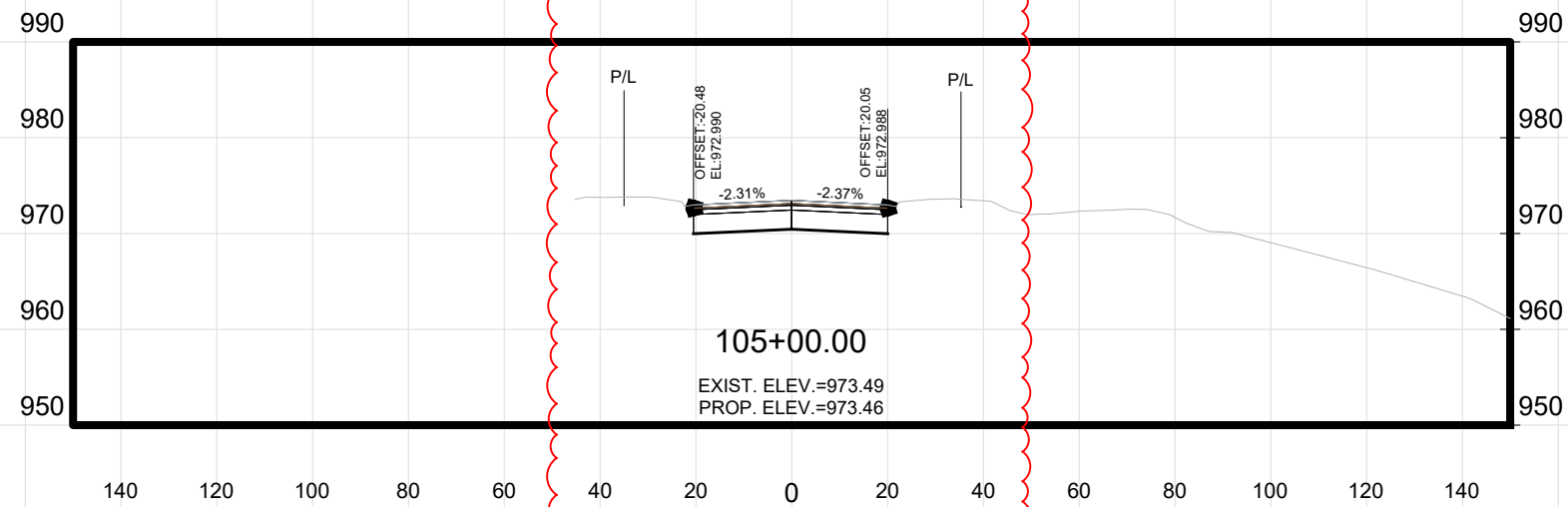
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Designed By: JPC	Date: 10/16/2024 12:44 PM	Scale: AS SHOWN	X16
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REVISION NO. 2

1. UPDATED CROSS SECTION ELEVATIONS.



REVISION NO. 2

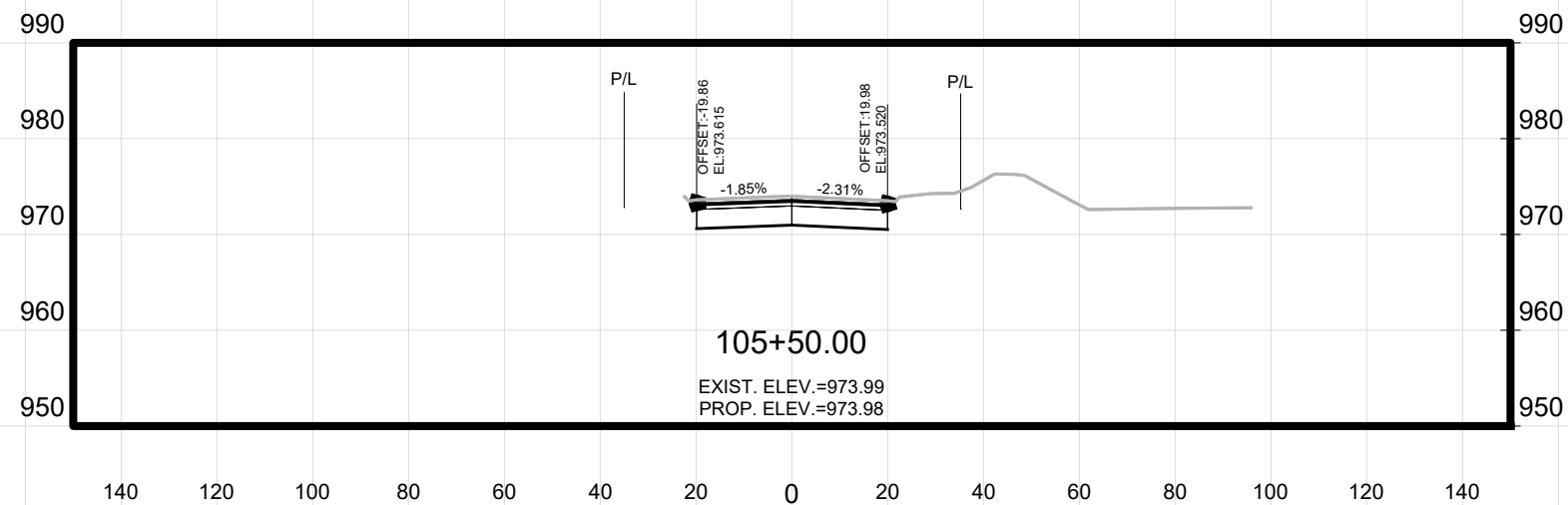
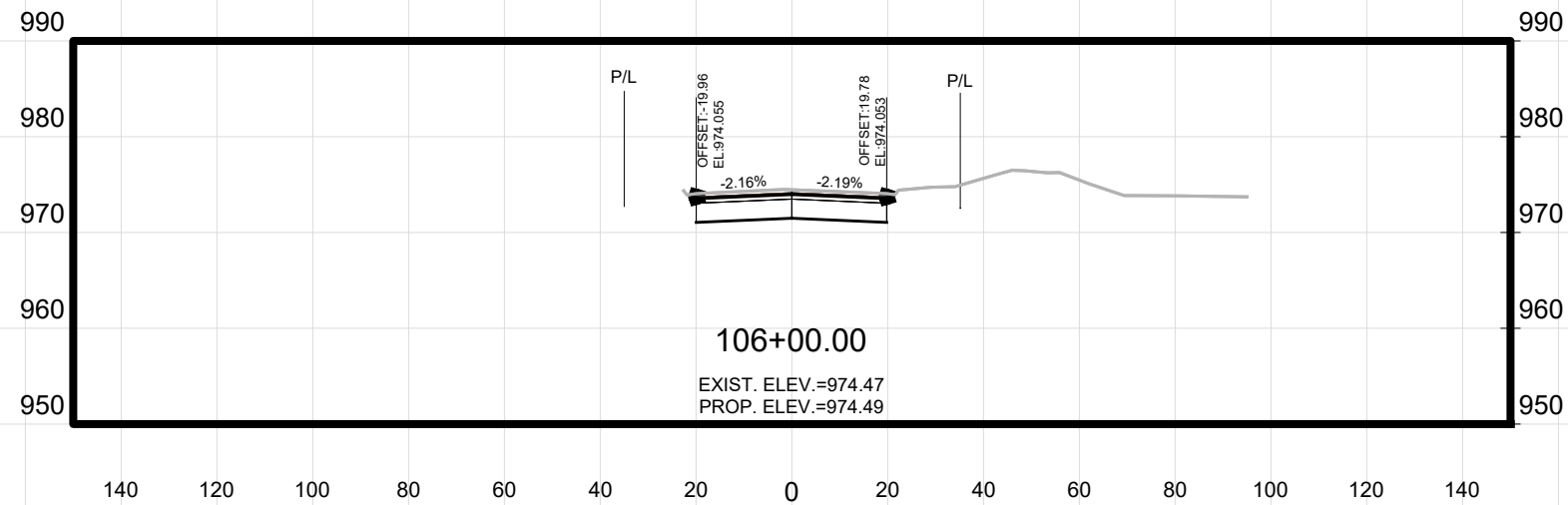
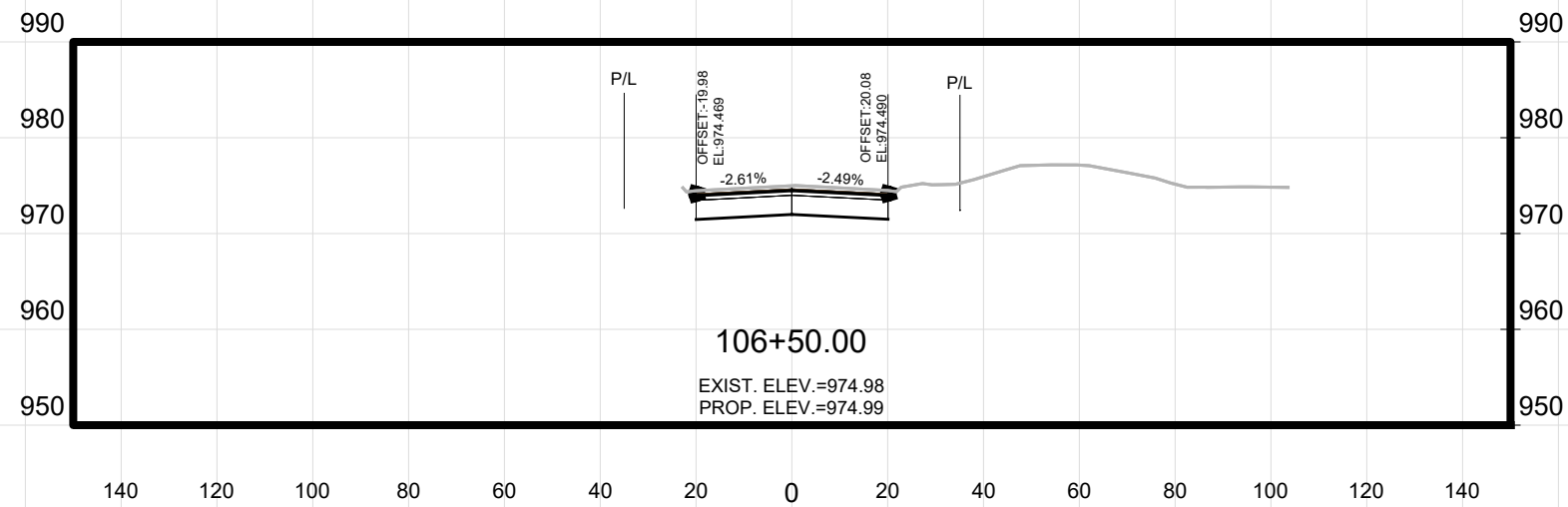
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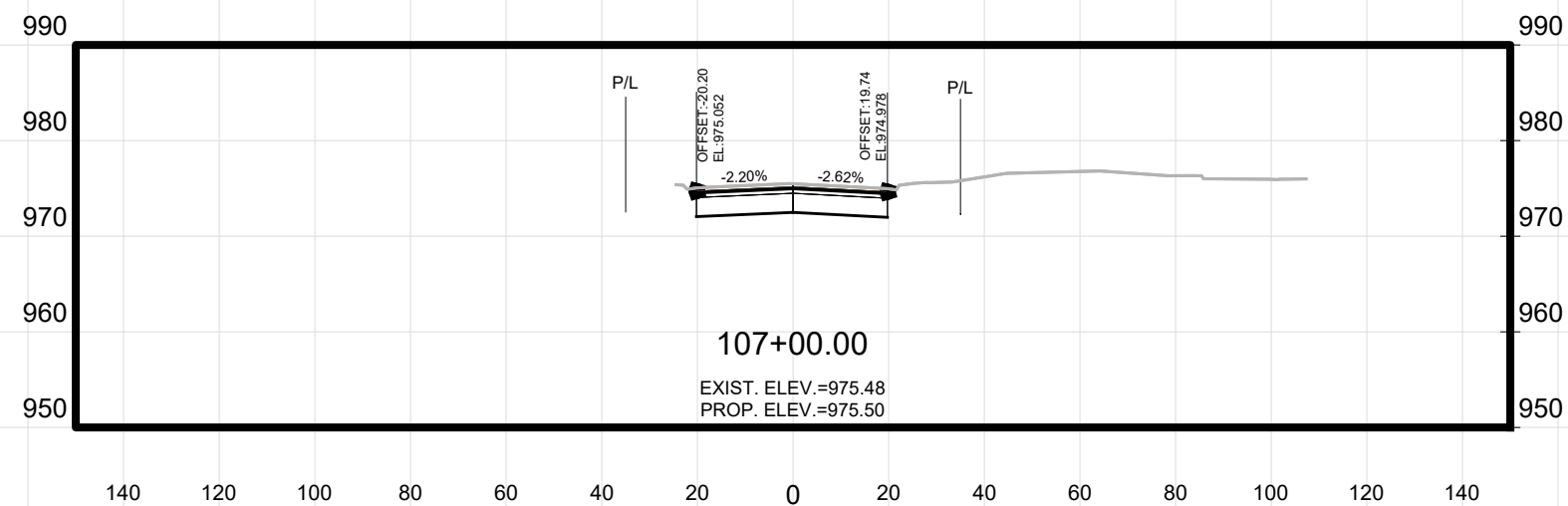
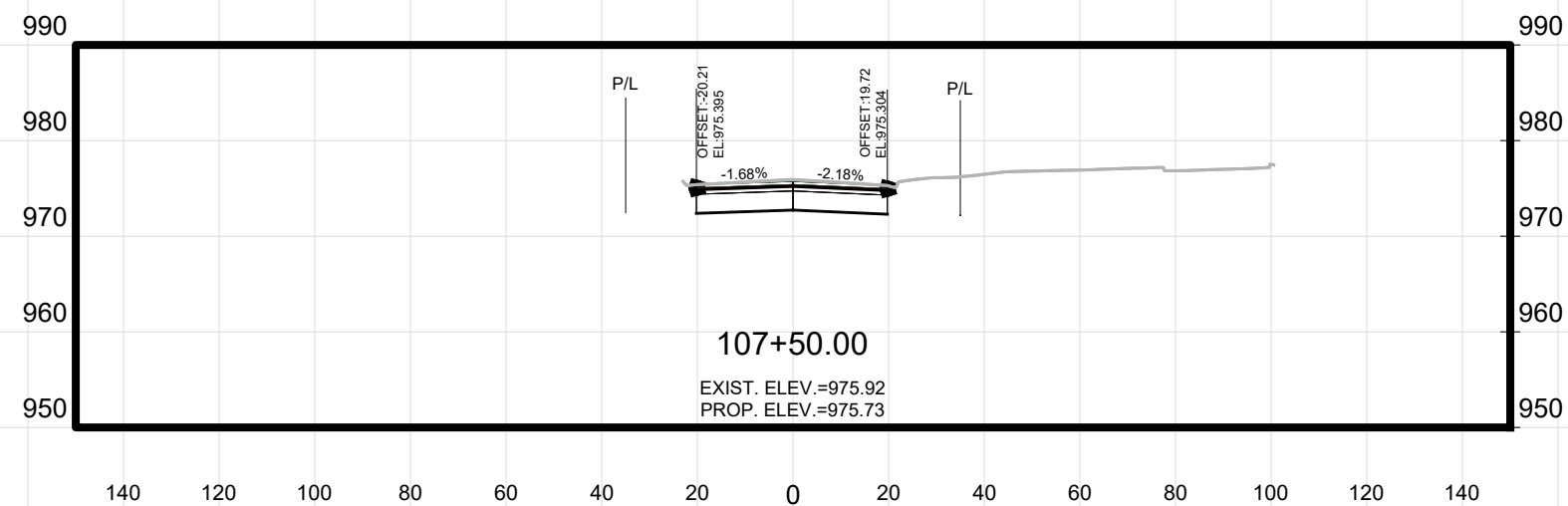
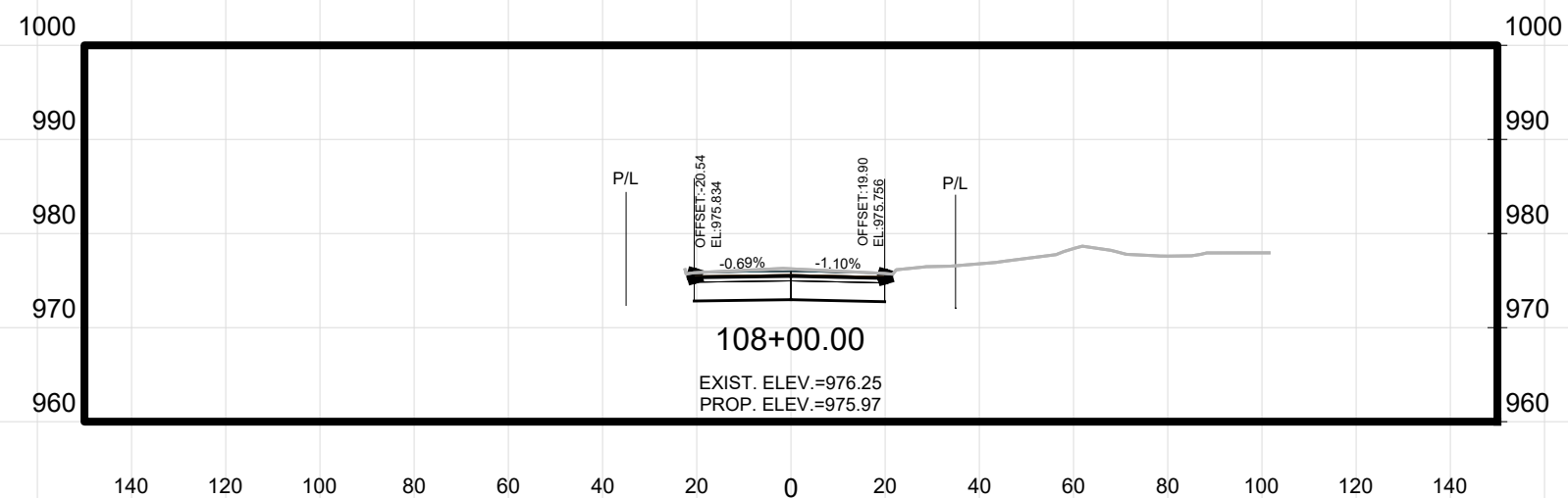
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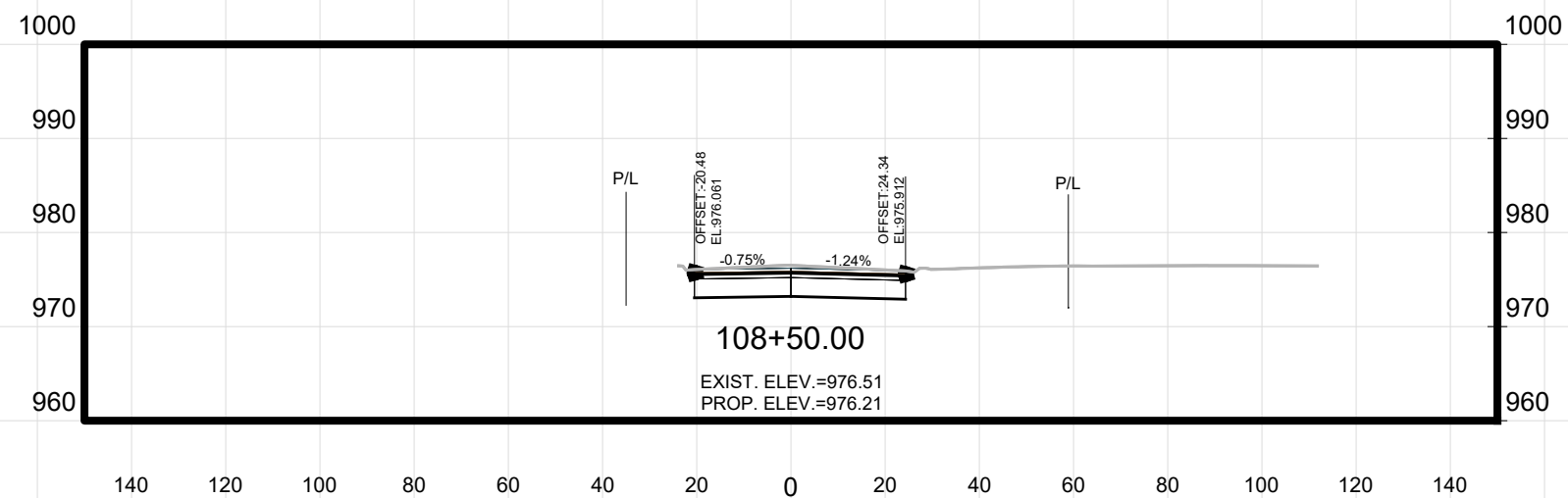
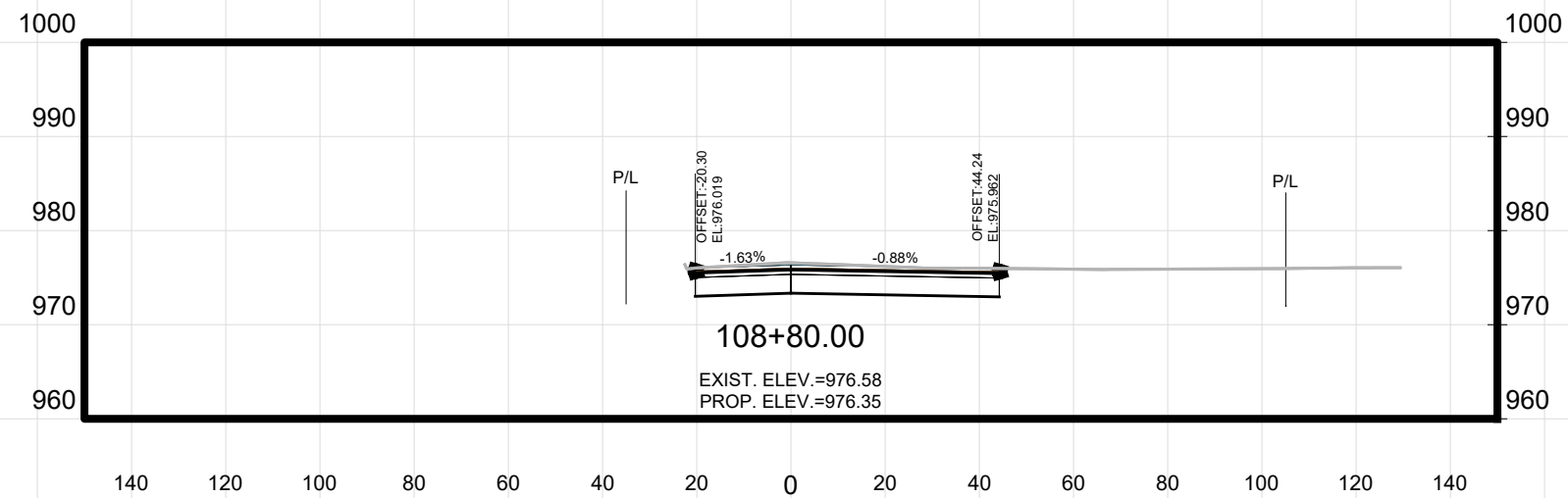
CROSS SECTIONS - DEMING WAY	14370
PHEASANT BRANCH GREENWAY ENHANCEMENT	MADISON, WI
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CONTRACT NO:	9517



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CROSS SECTIONS - DEMING WAY

PHEASANT BRANCH GREENWAY ENHANCEMENT

MADISON, WI

CONTRACT NO:

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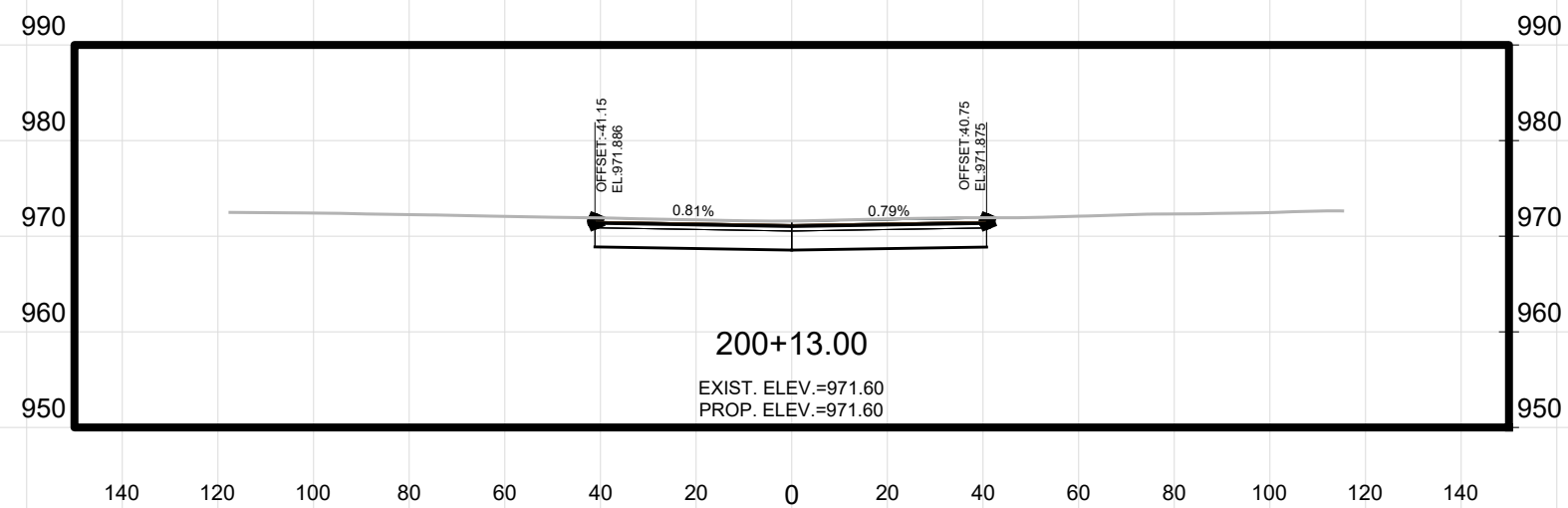
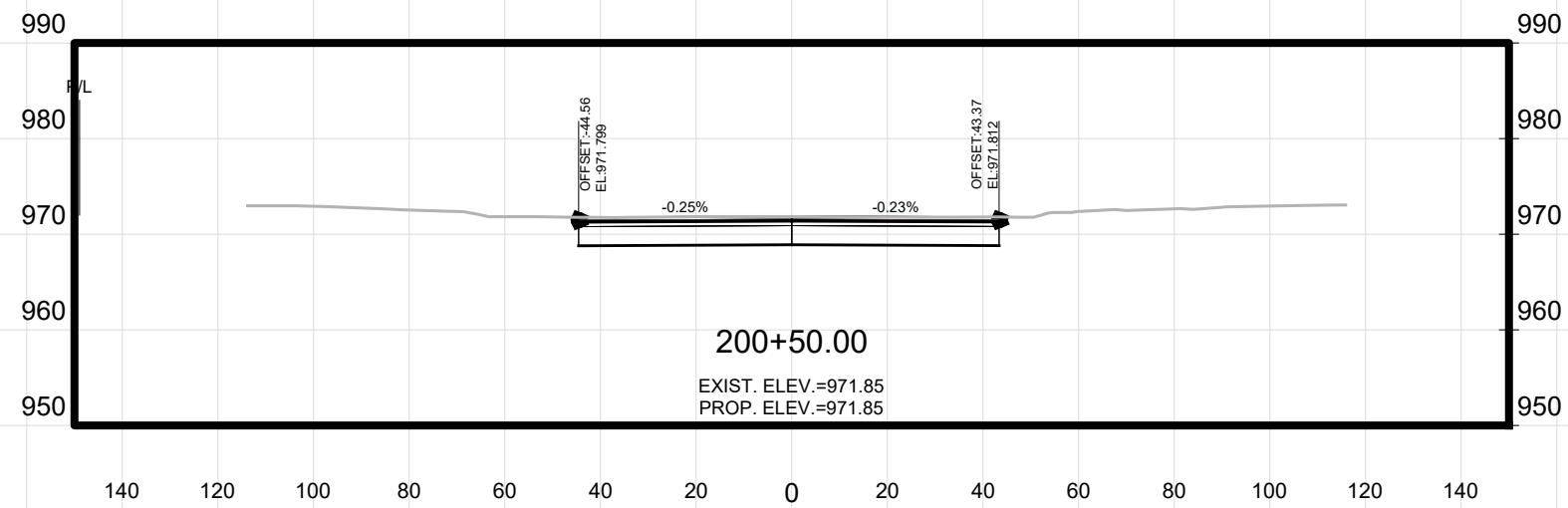
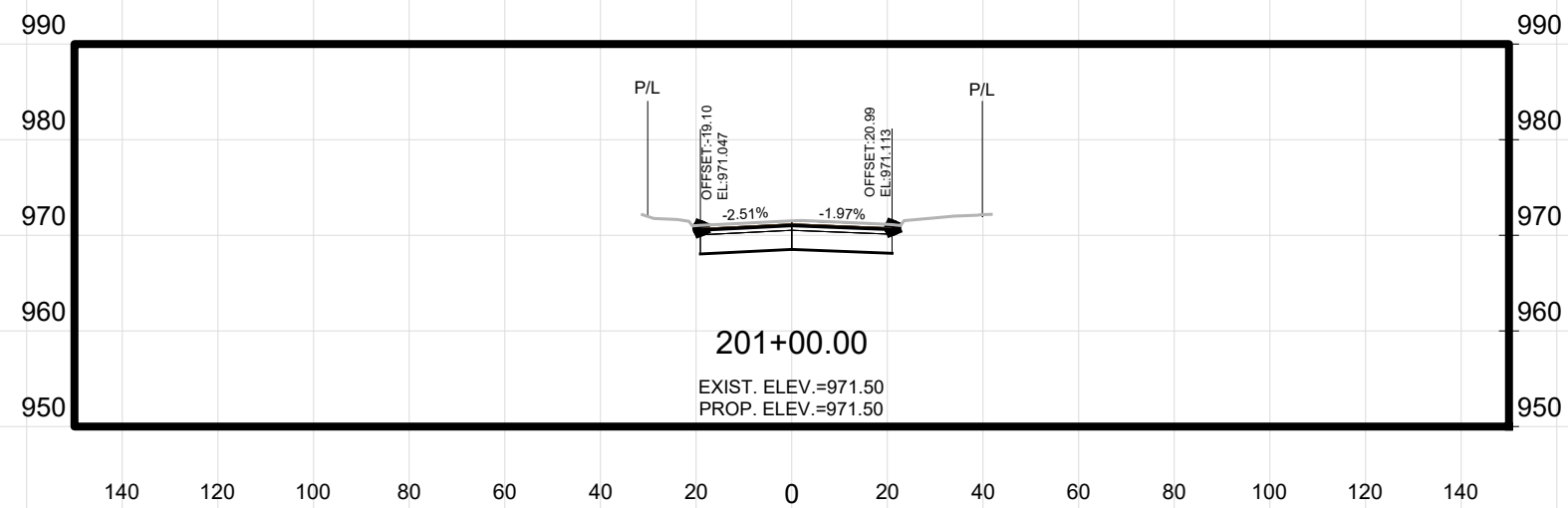
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Date: 10/16/2021

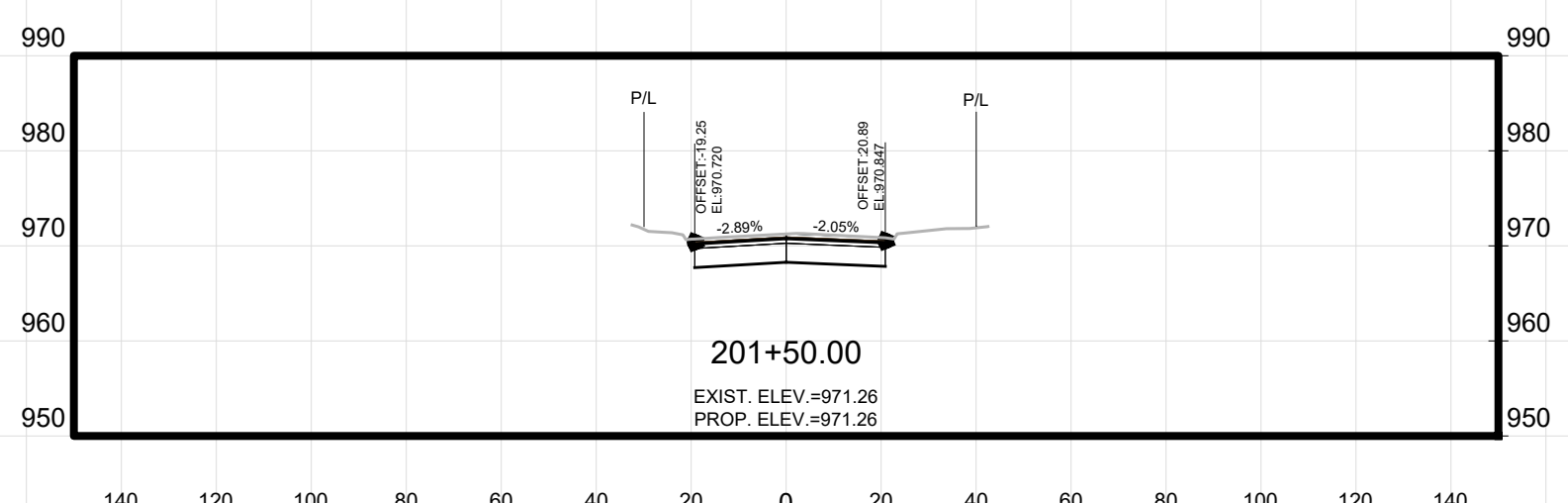
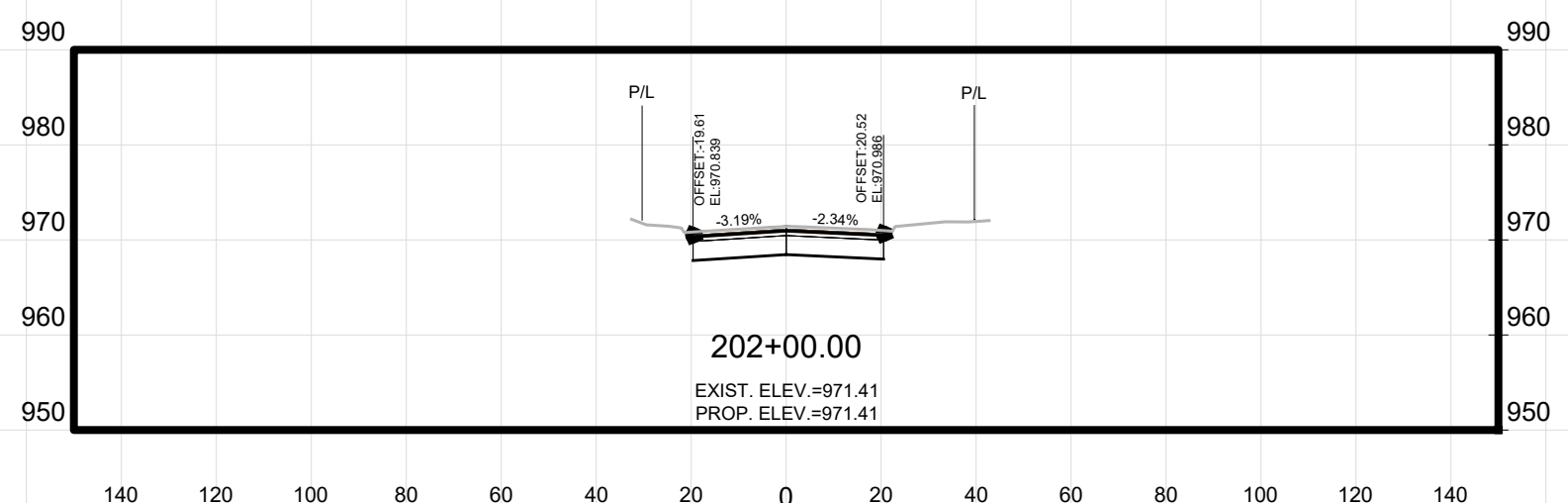
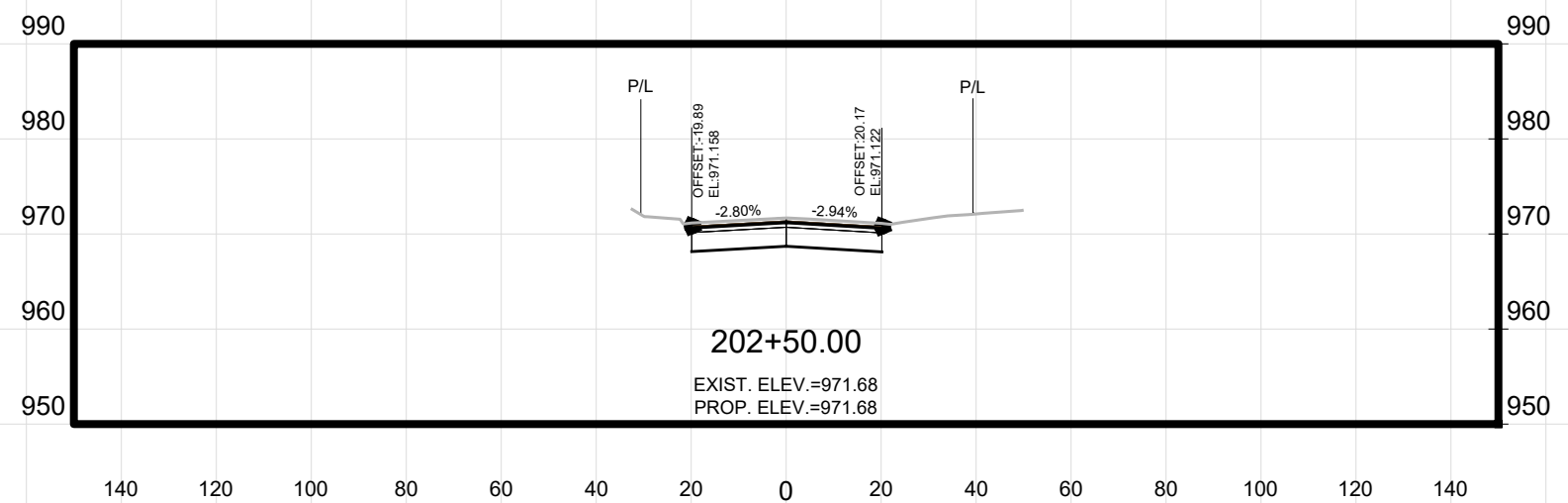
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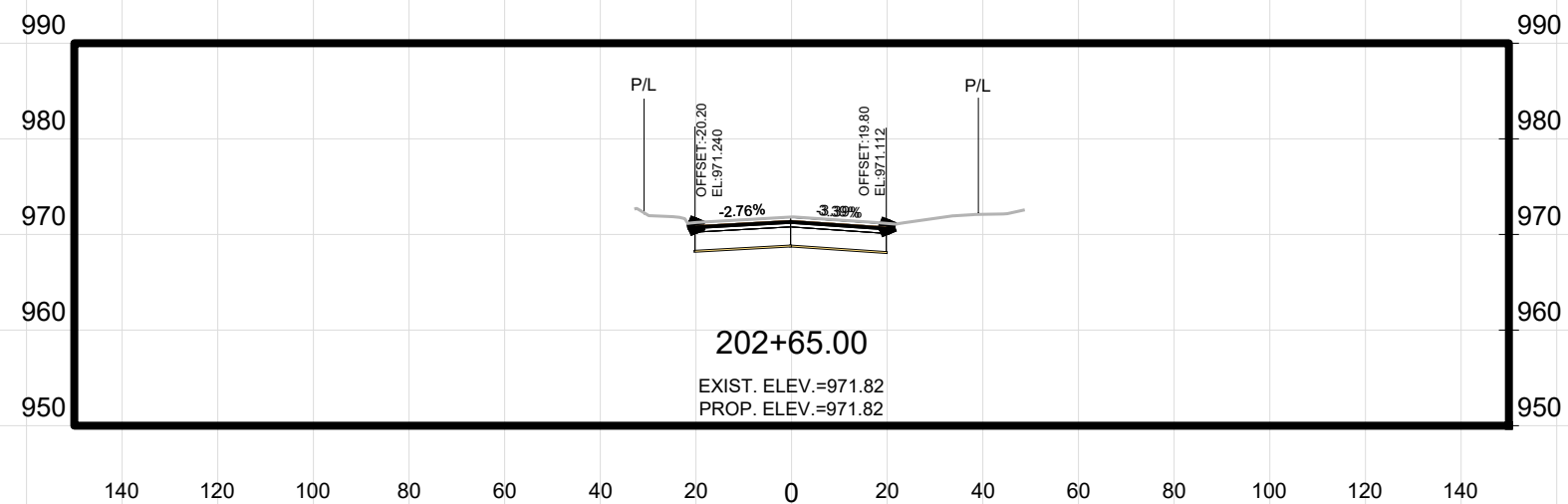
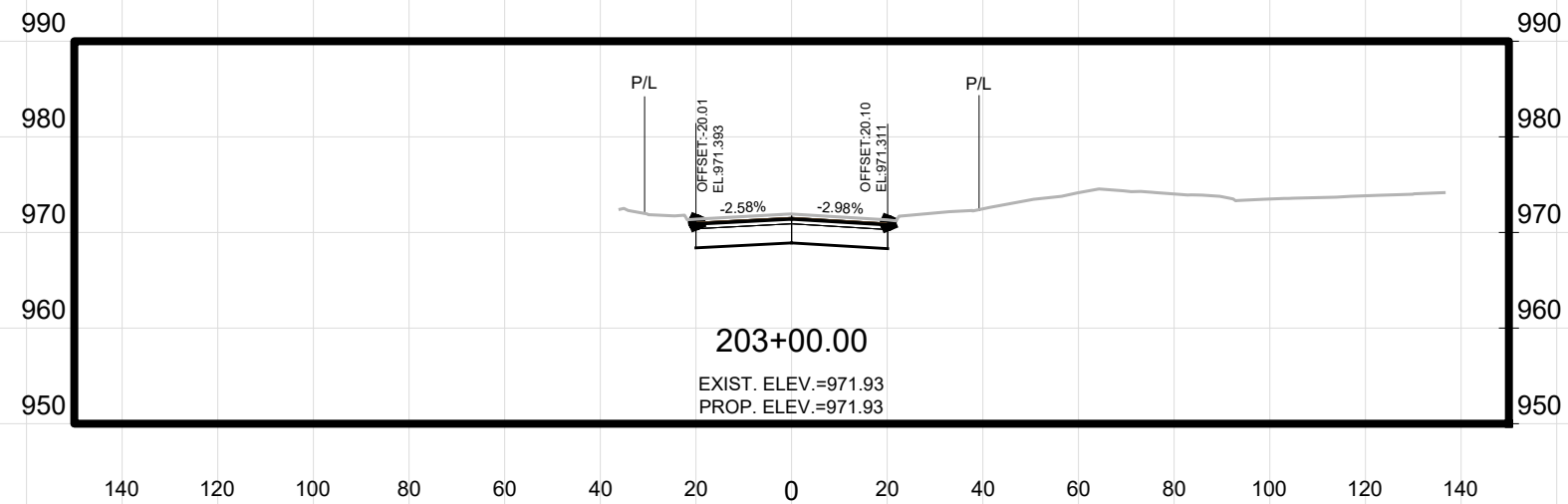
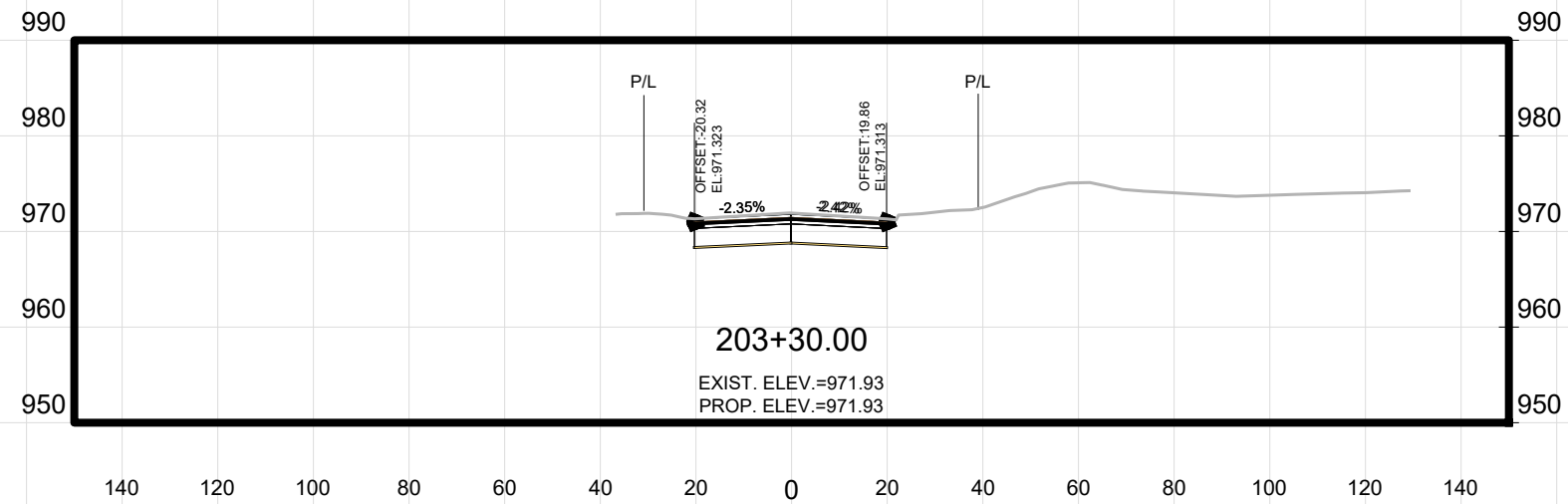


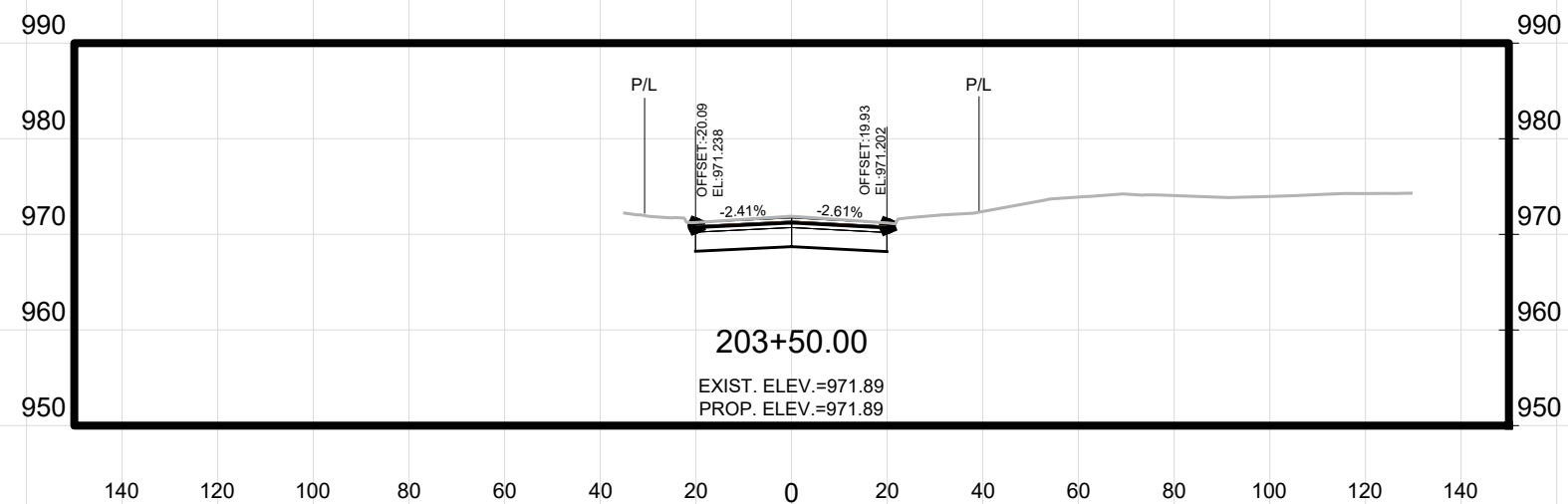
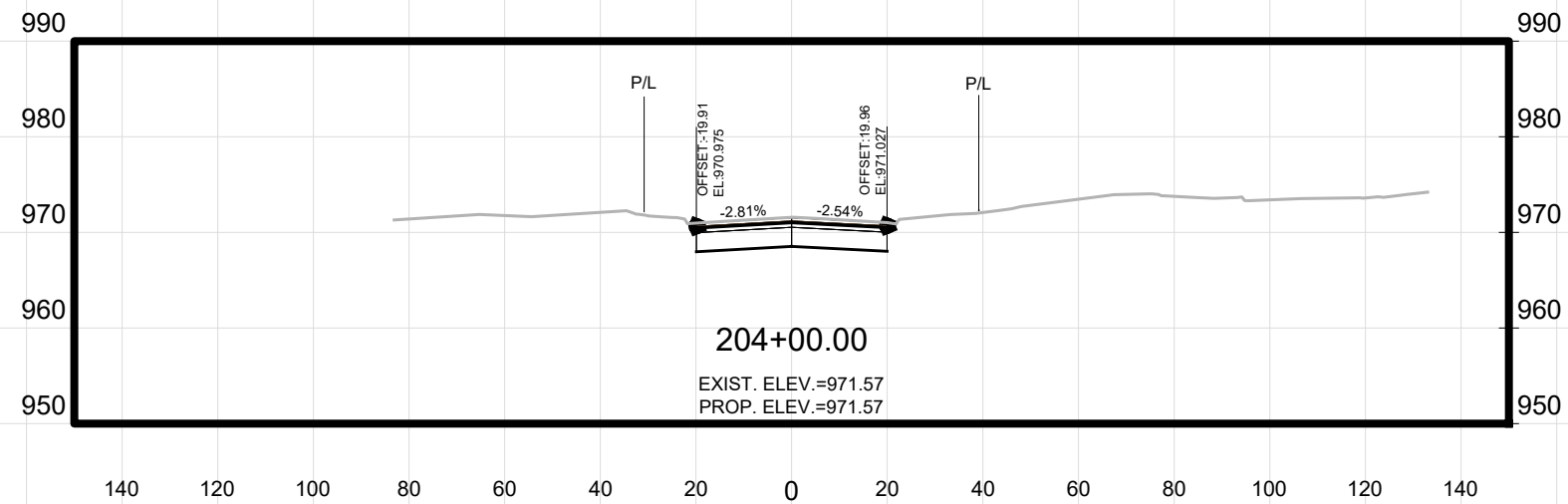
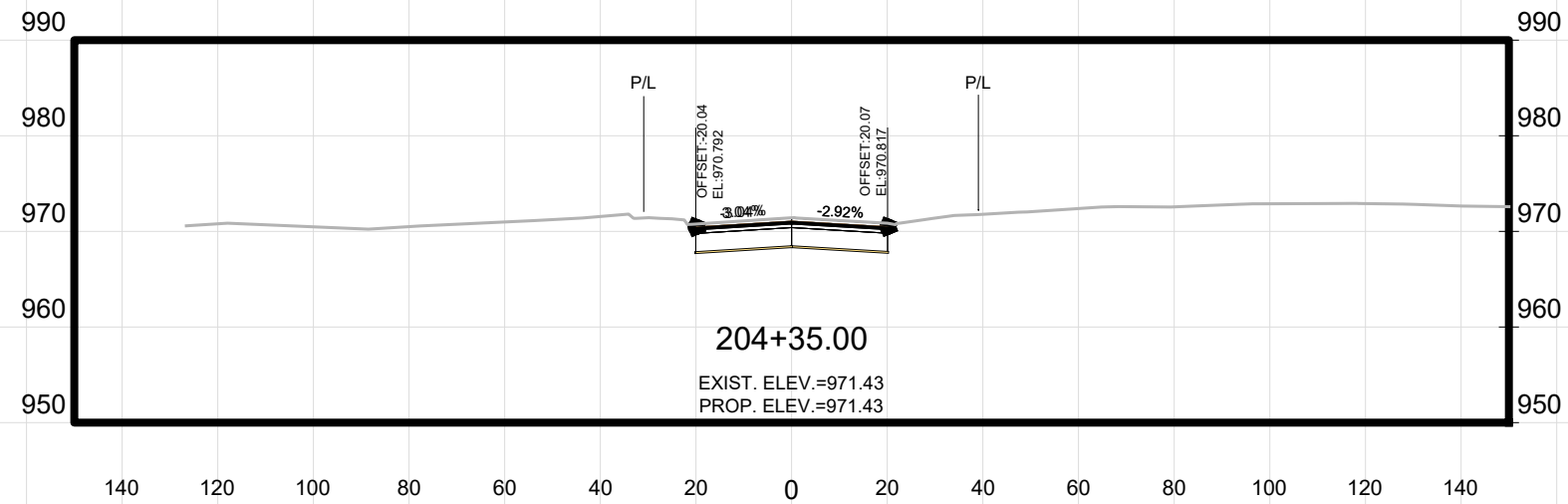
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PHEASANT BRANCH GREENWAY ENHANCEMENT
MADISON, WI
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9517
CONTRACT NO:

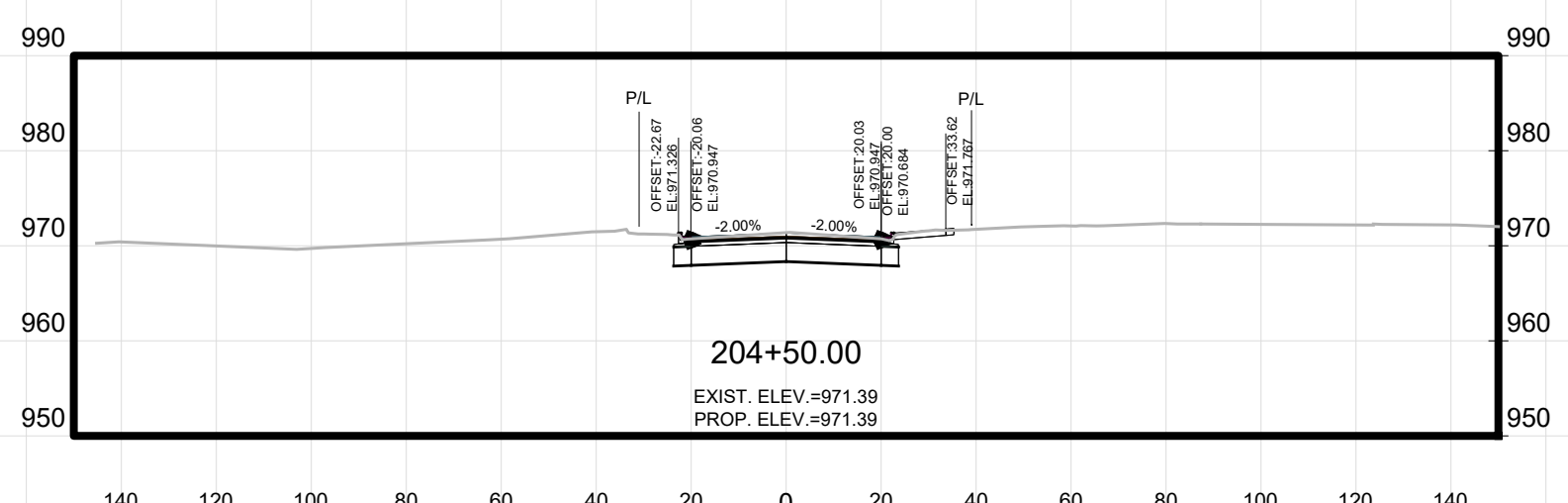
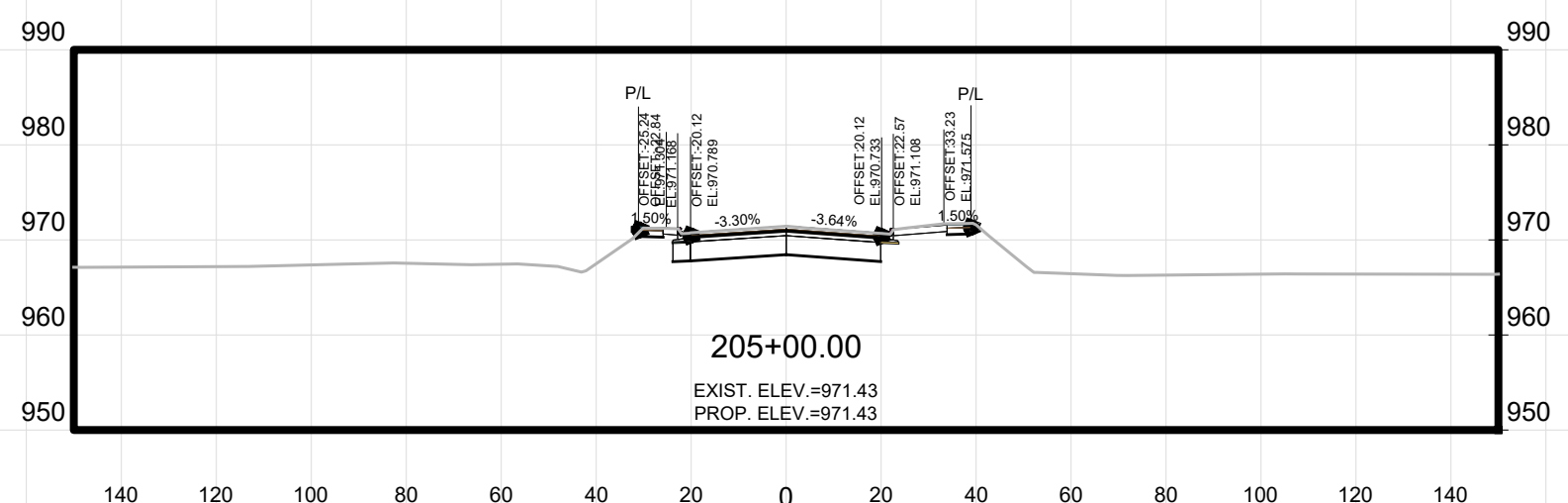
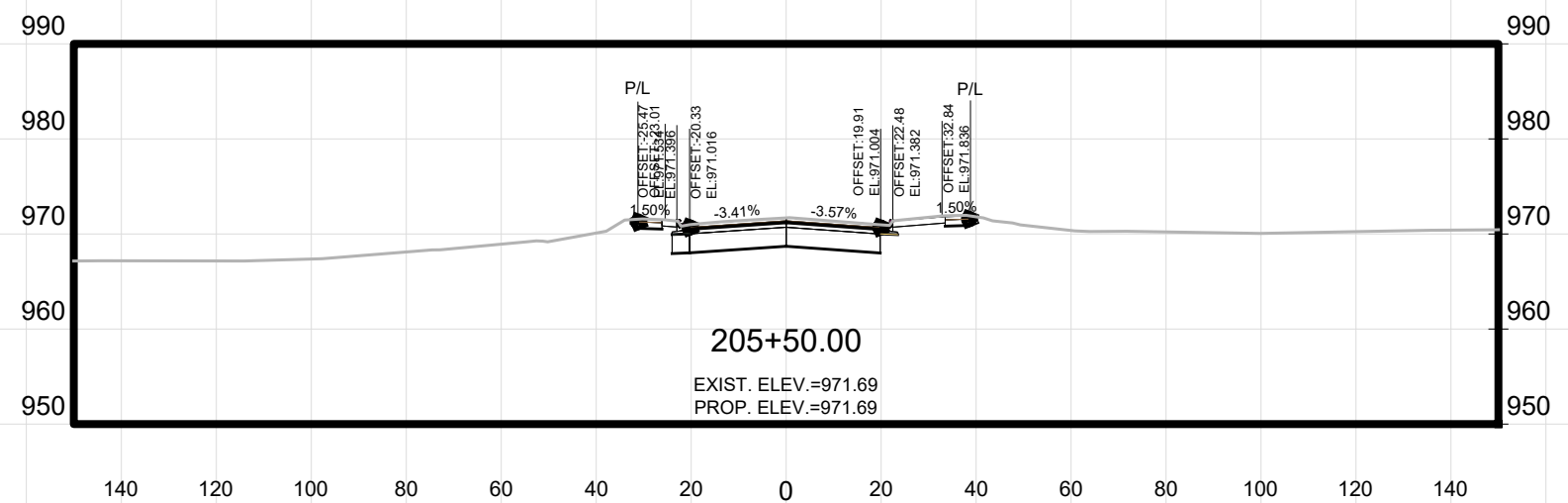


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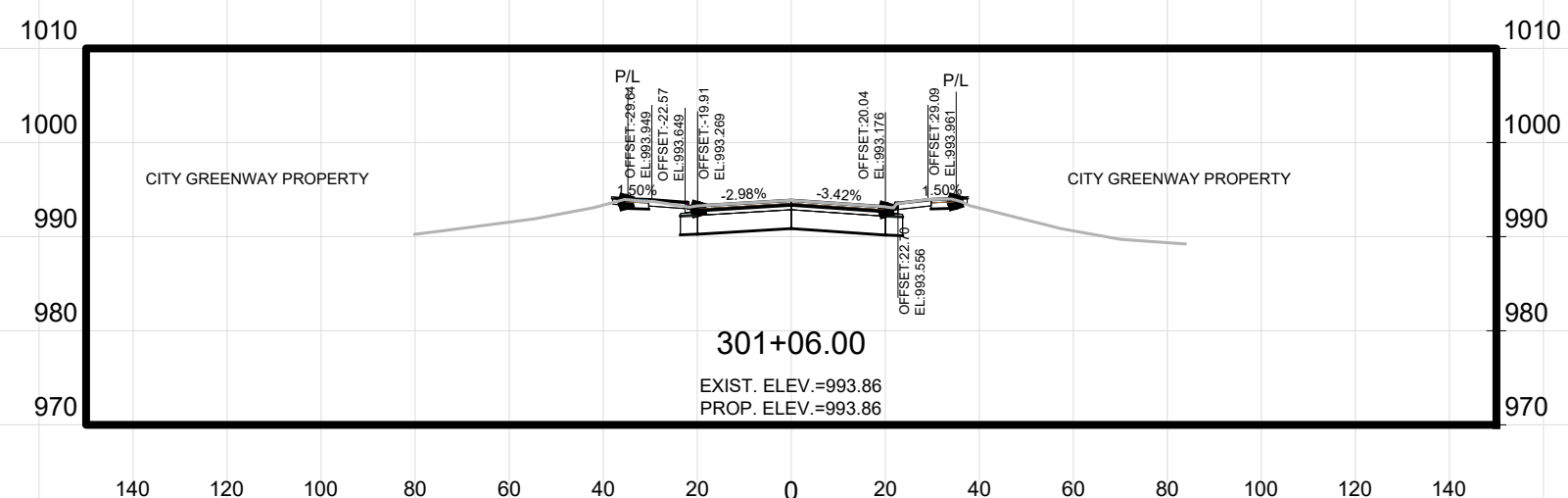
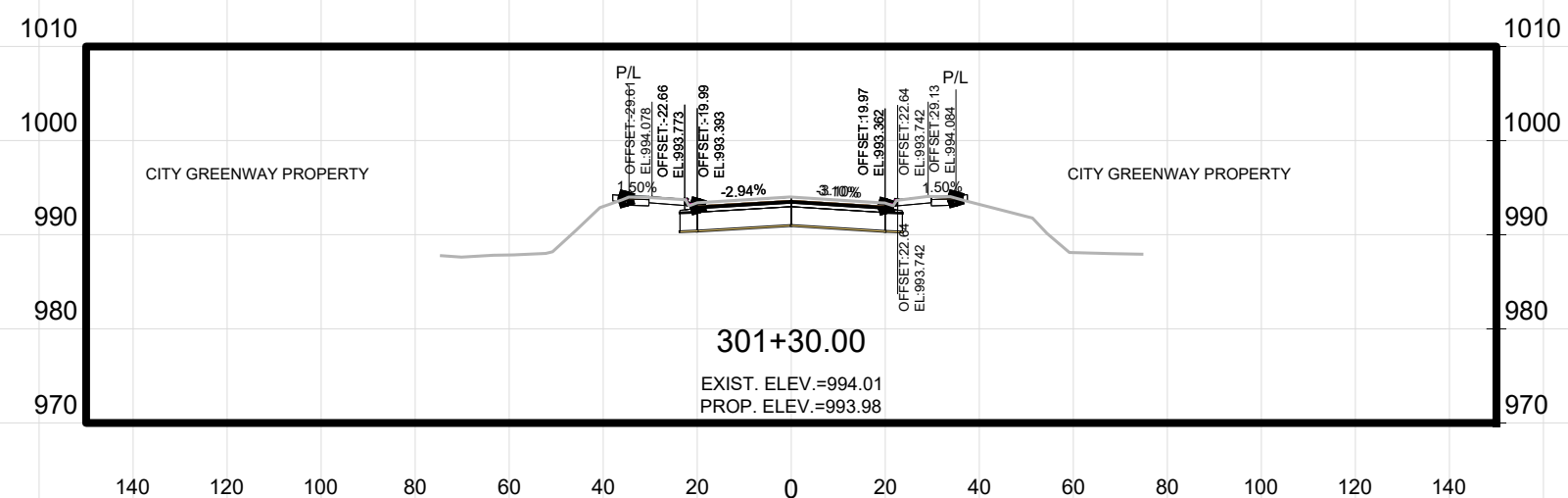
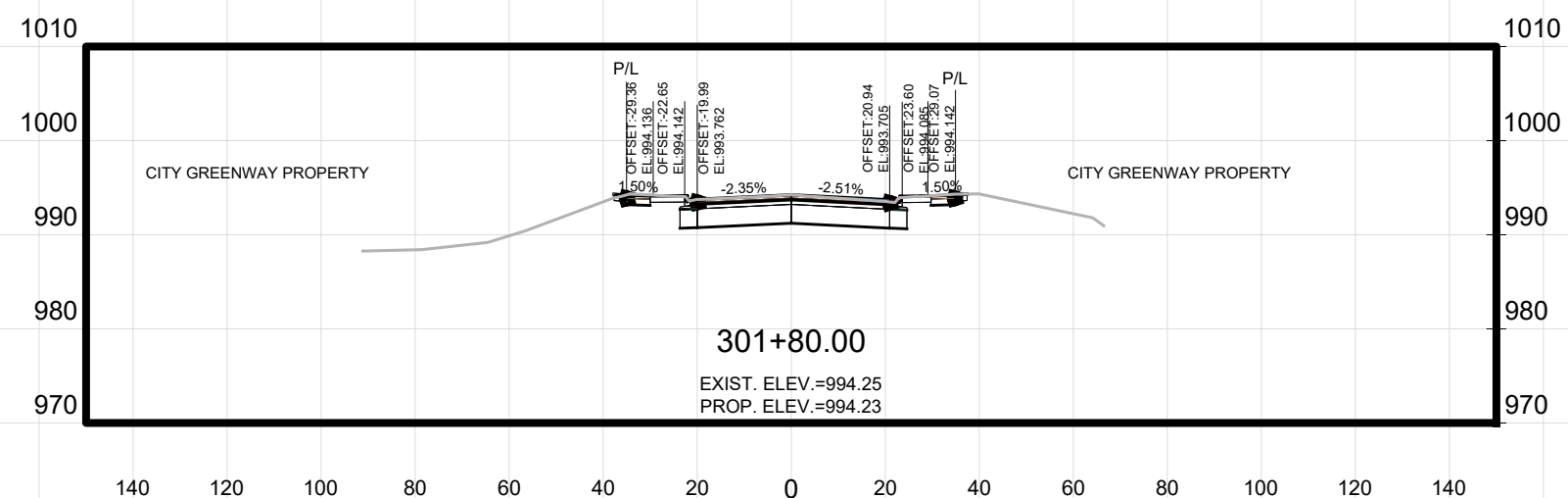


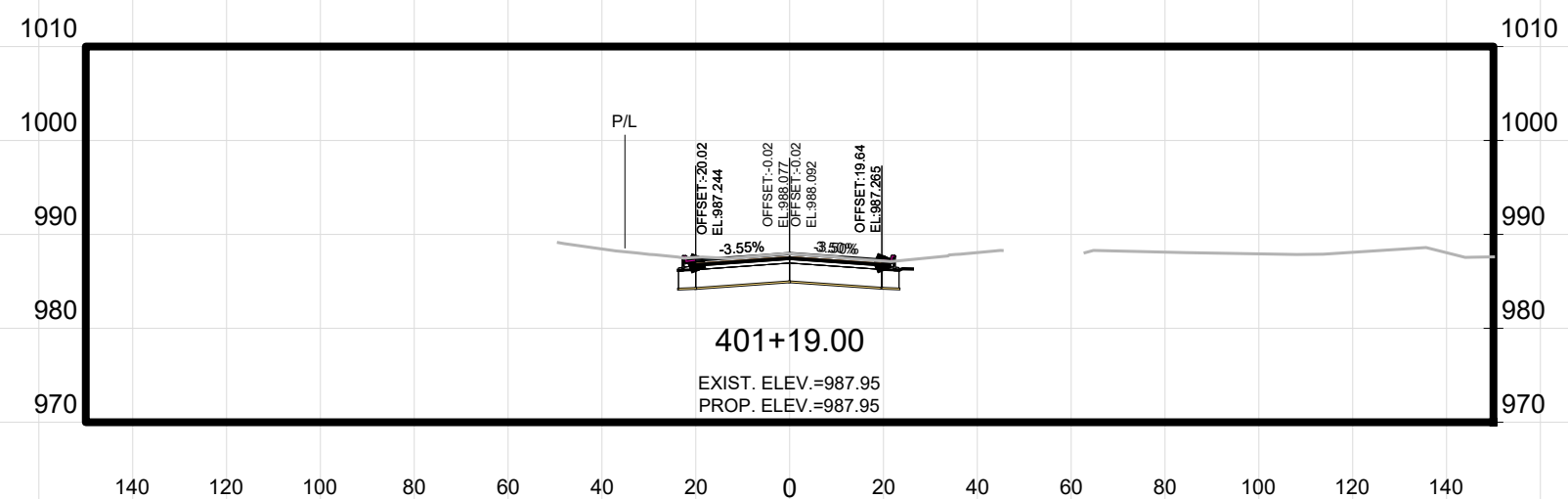
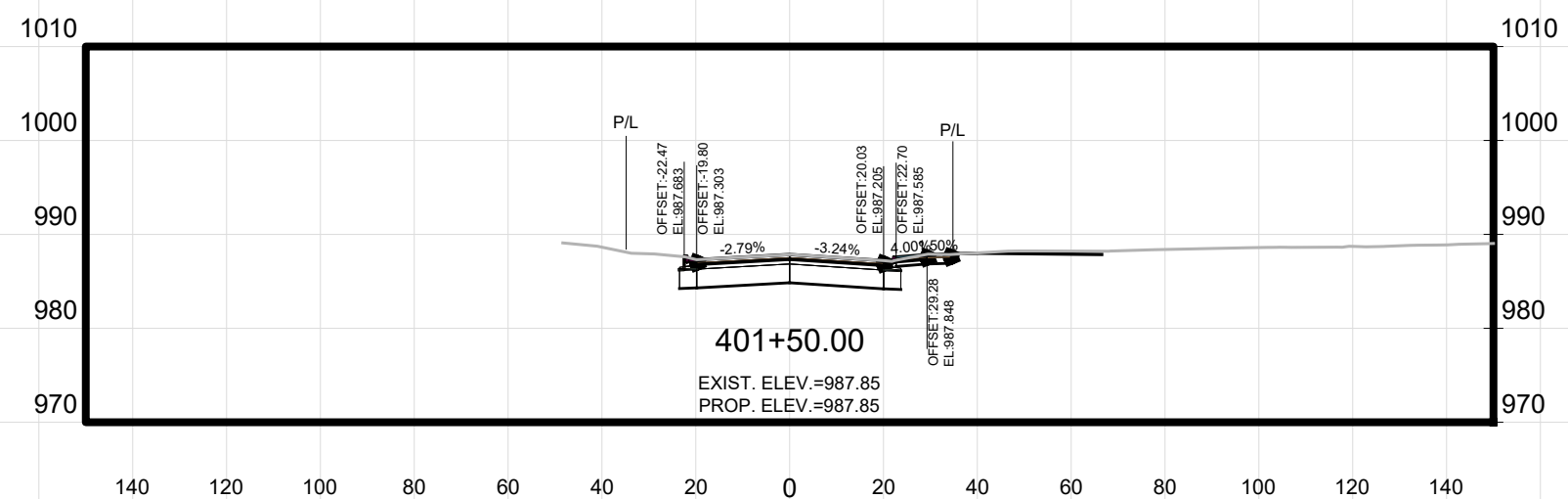
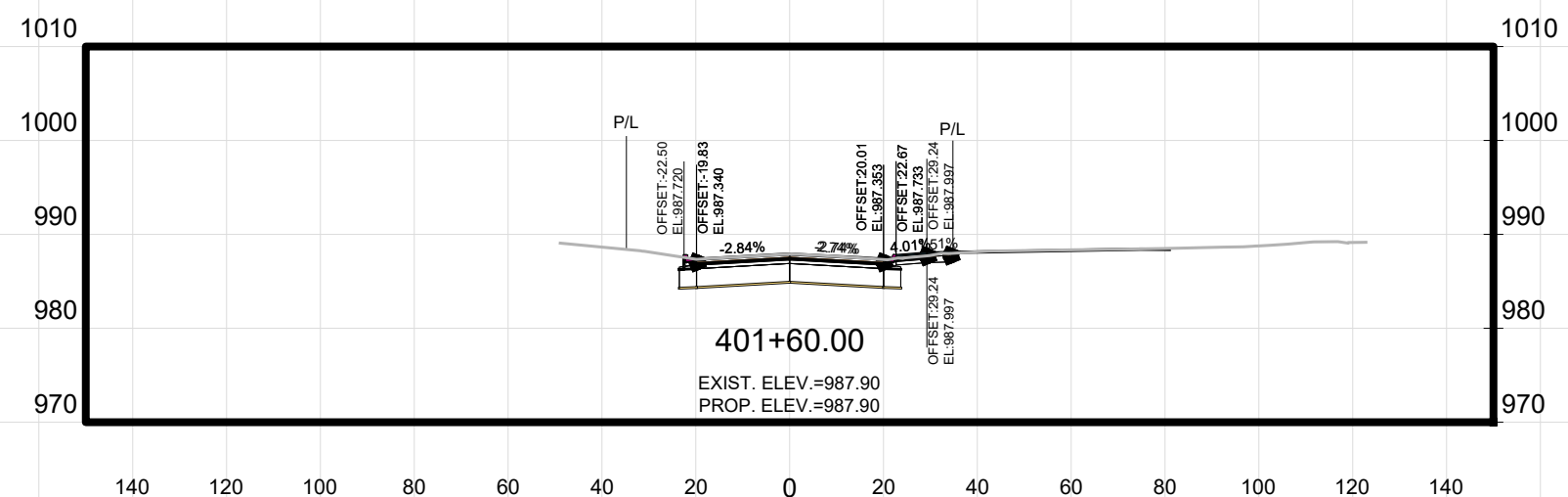
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PHEASANT BRANCH GREENWAY ENHANCEMENT
MADISON, WI
14370
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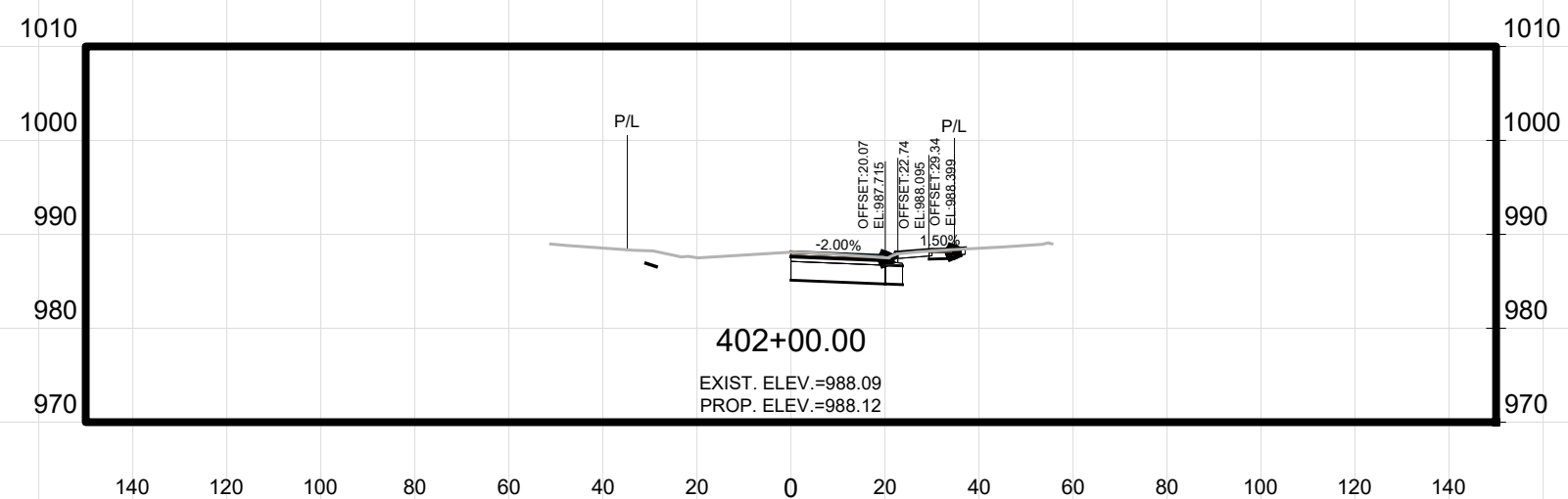
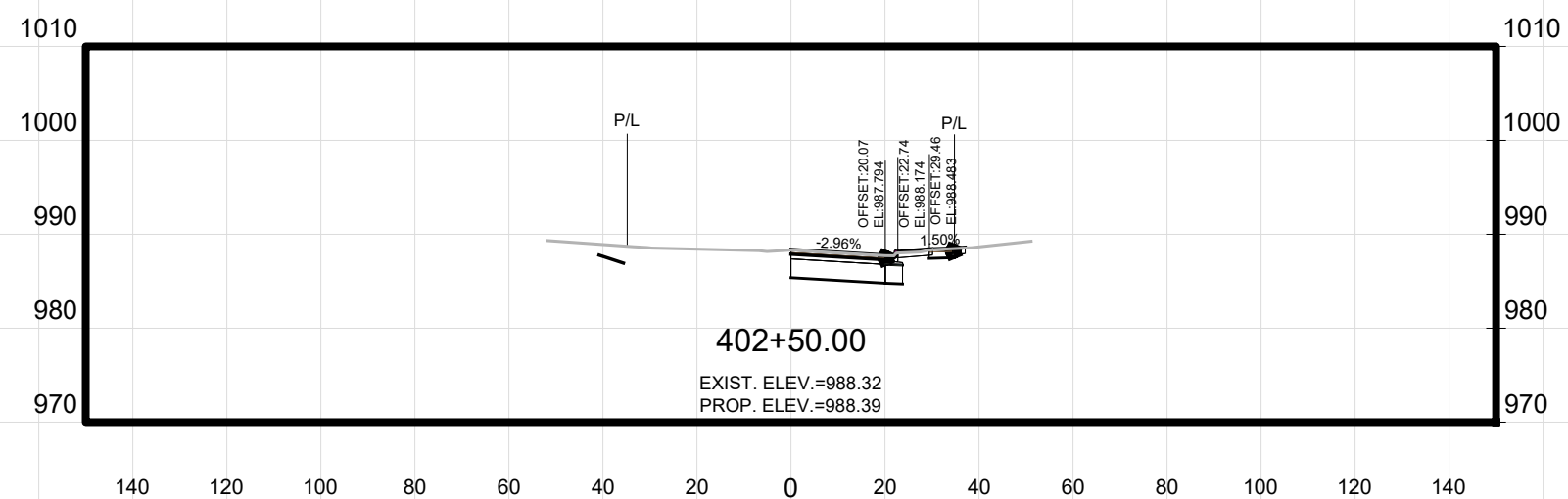
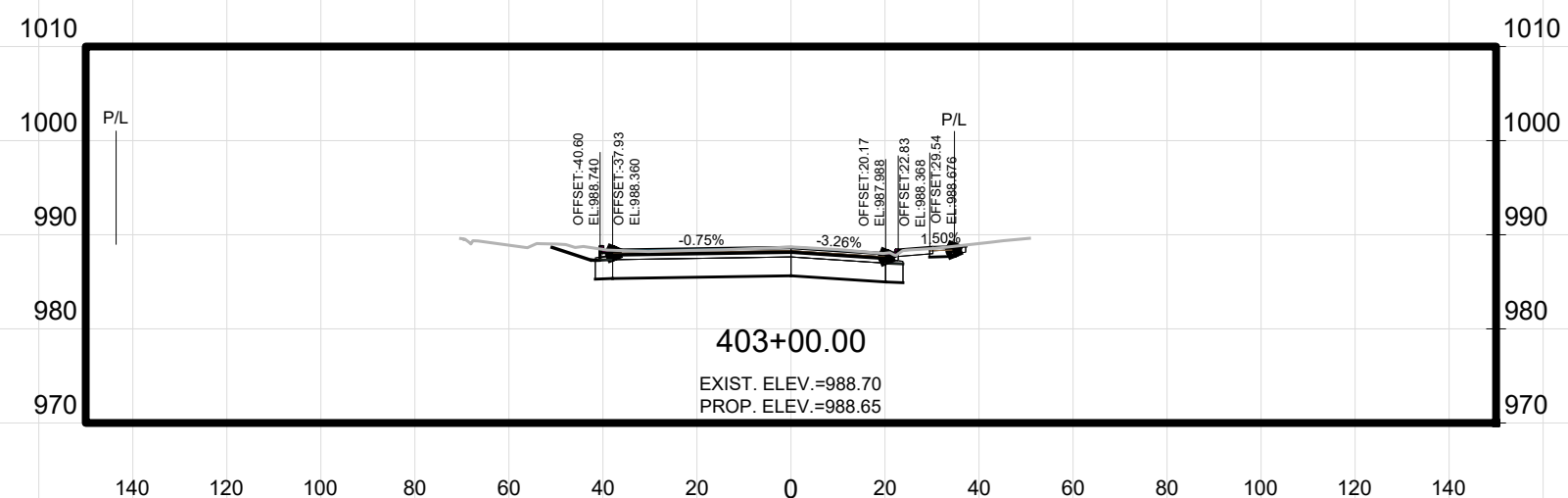
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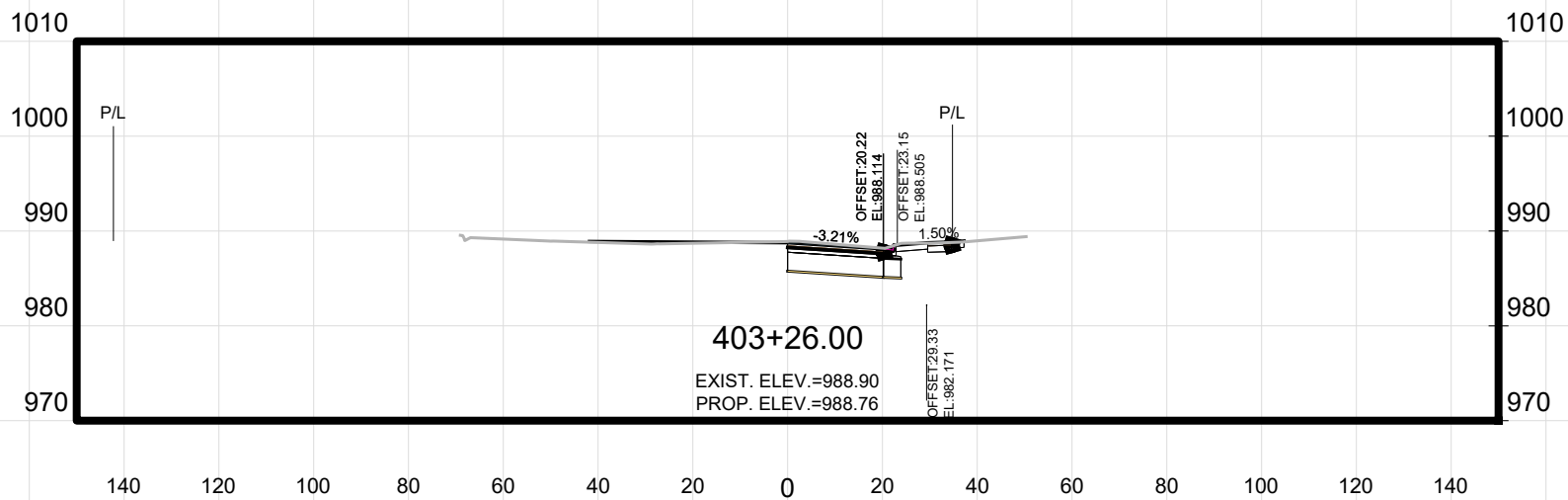
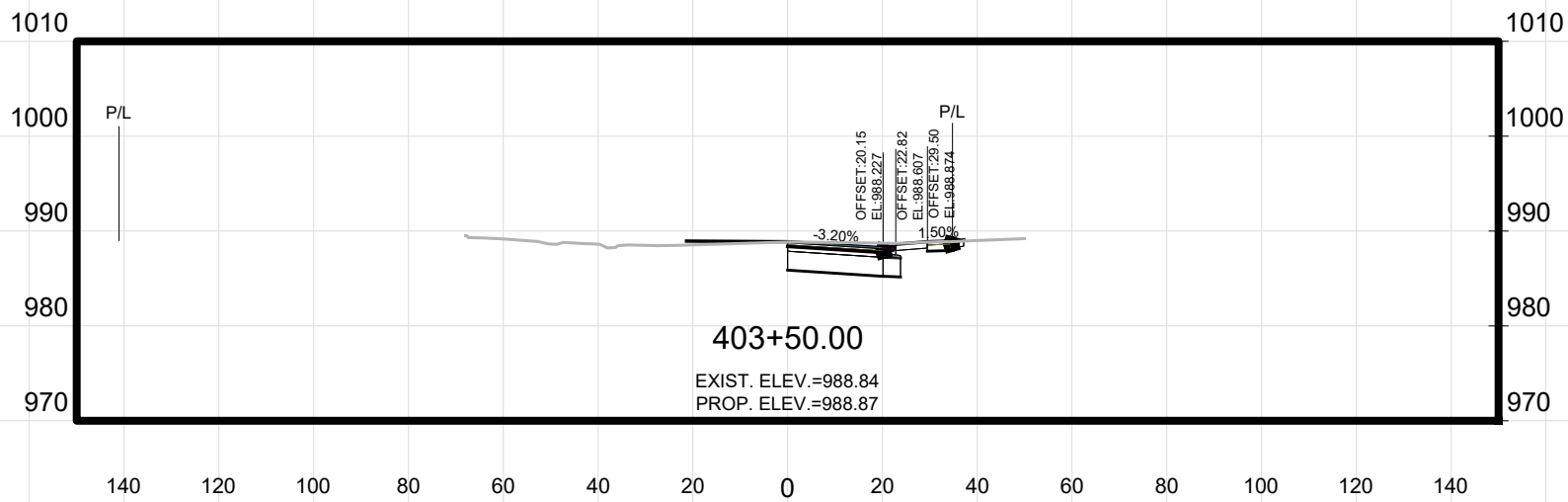
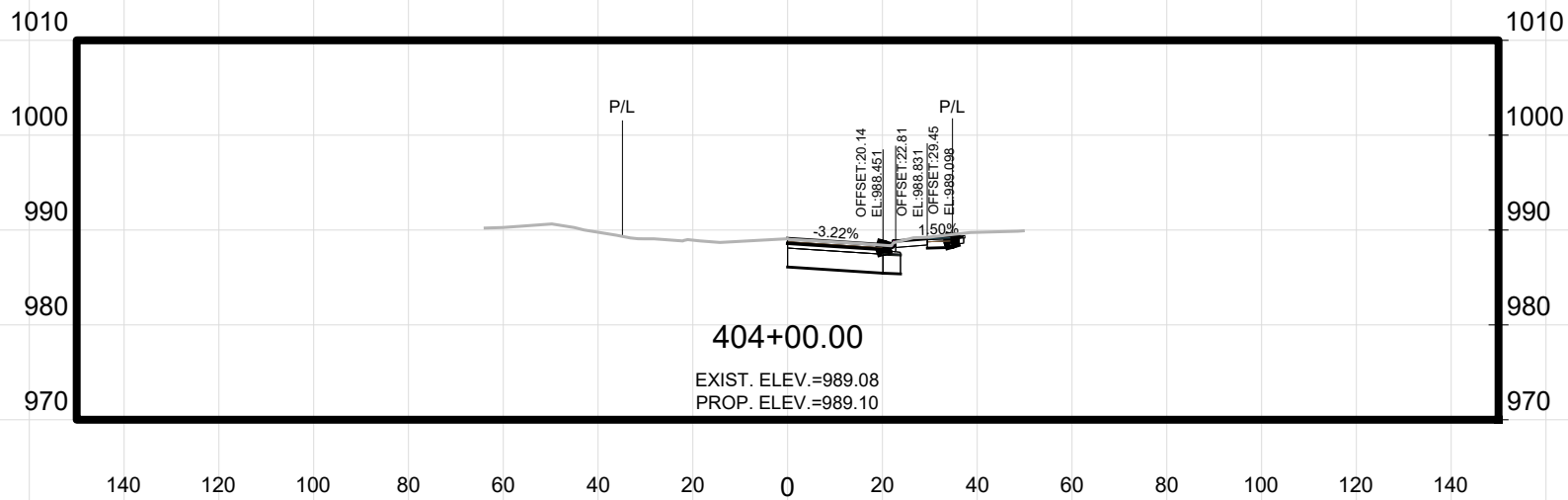
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Designed By: JPC	Date: 10/16/2024 12:45 PM	Scale: AS SHOWN	X27
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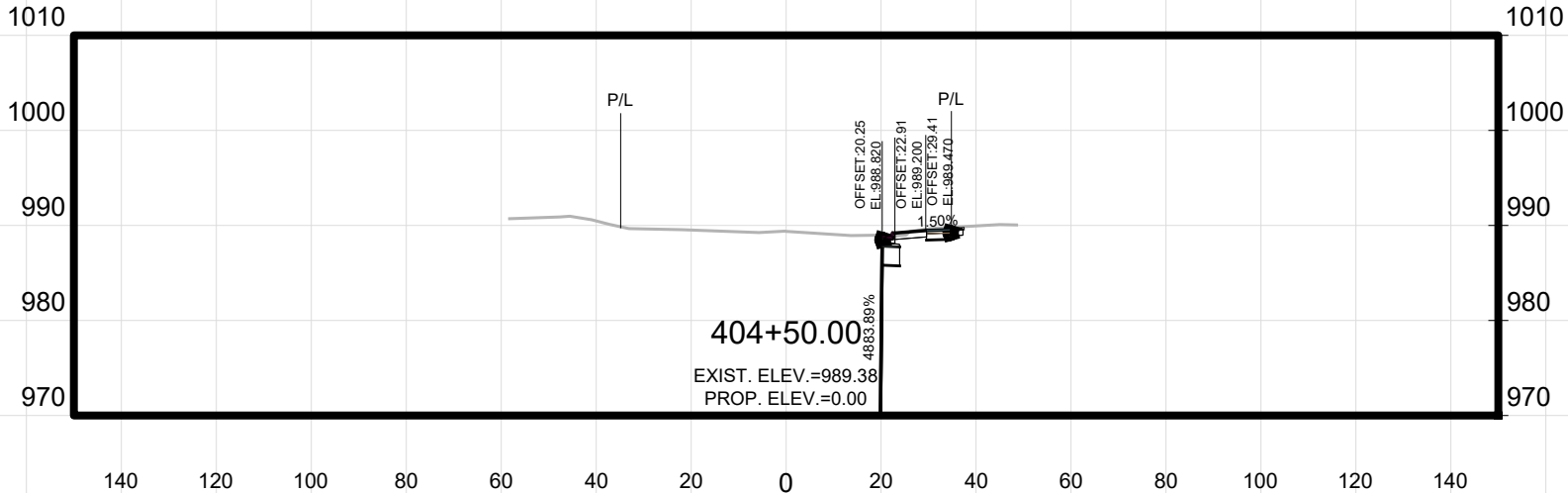
14370
MADISON, WI
9517

CONTRACT NO:

CROSS SECTIONS - DEMING WAY AT BLACKHAWK
PHEASANT BRANCH GREENWAY ENHANCEMENT



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X32

CROSS SECTIONS - DEMING WAY AT BLACKHAWK

PHEASANT BRANCH GREENWAY ENHANCEMENT

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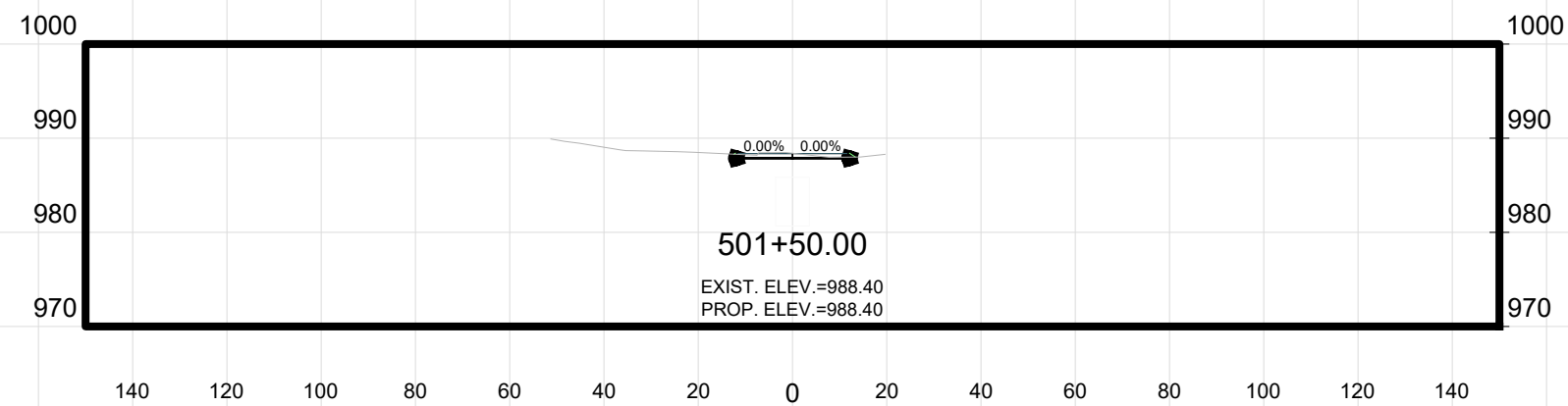
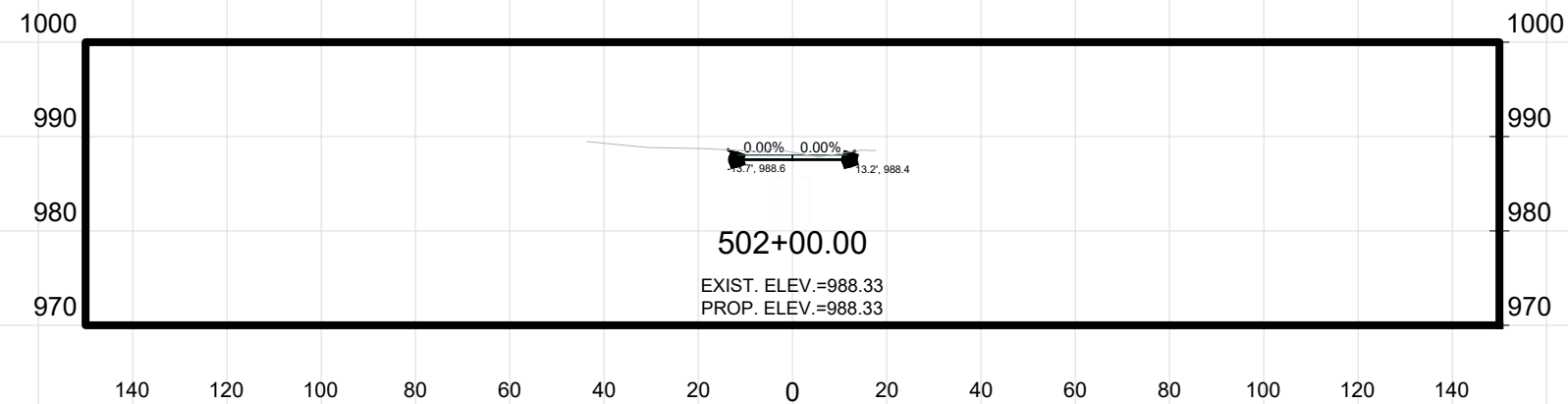
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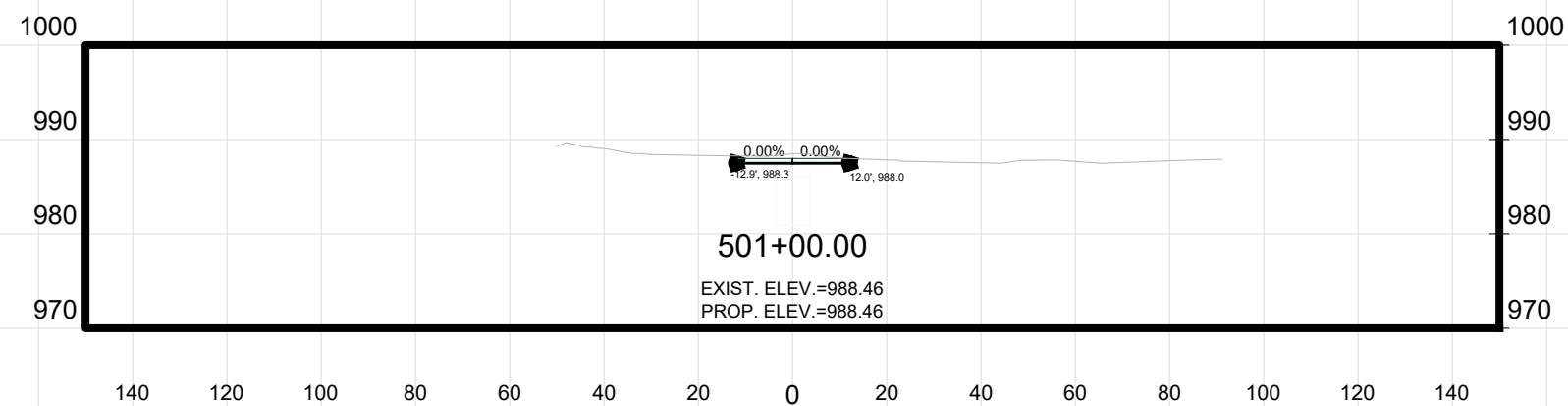
MADISON, WI

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ADDENDUM NOTE:
REVISED SHEET NAME



CROSS SECTIONS -BLACKHAWK SWALE

PHEASANT BRANCH GREENWAY ENHANCEMENT

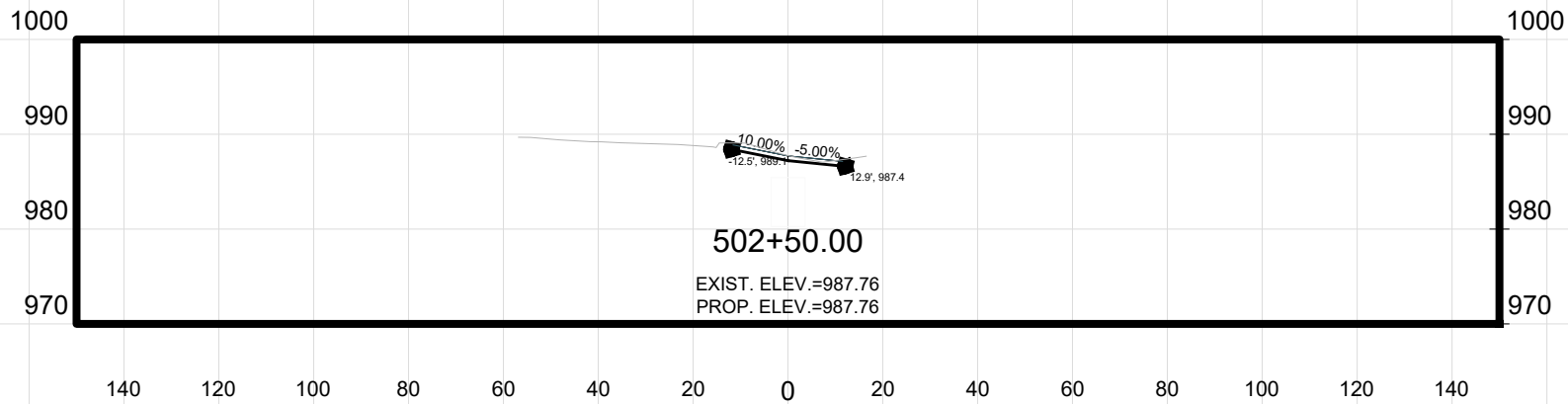
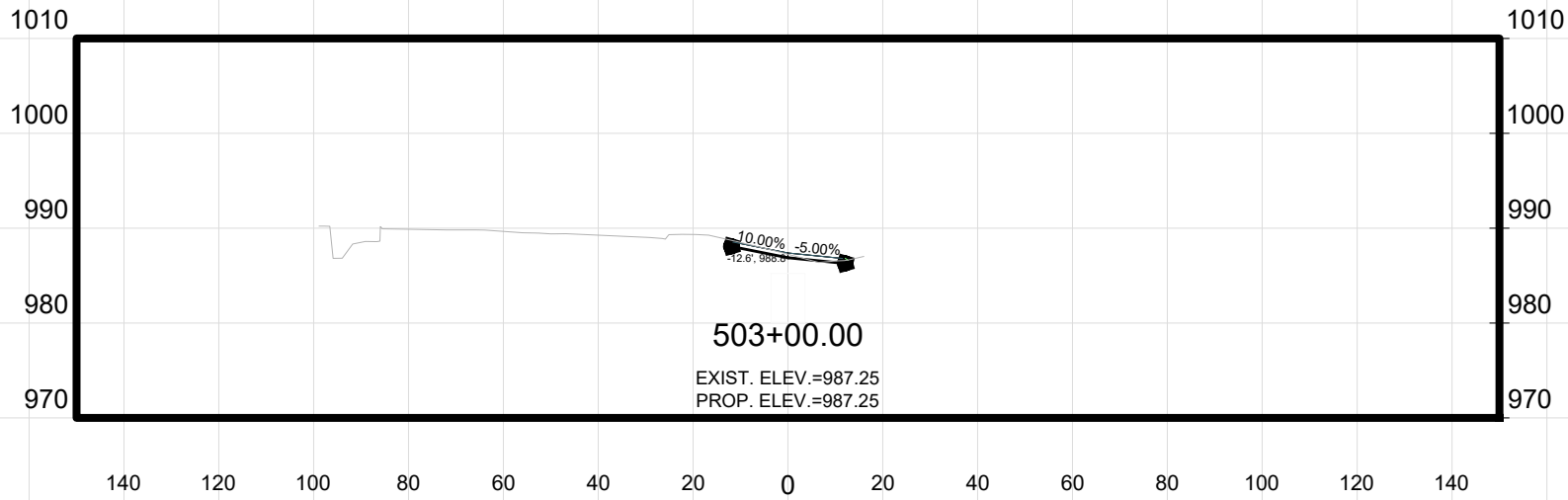
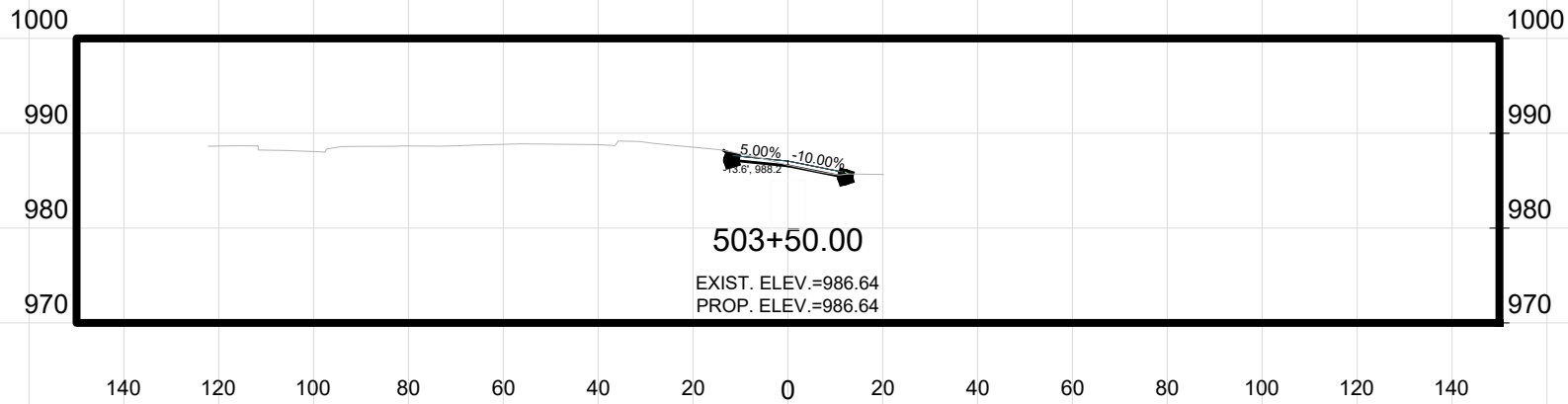
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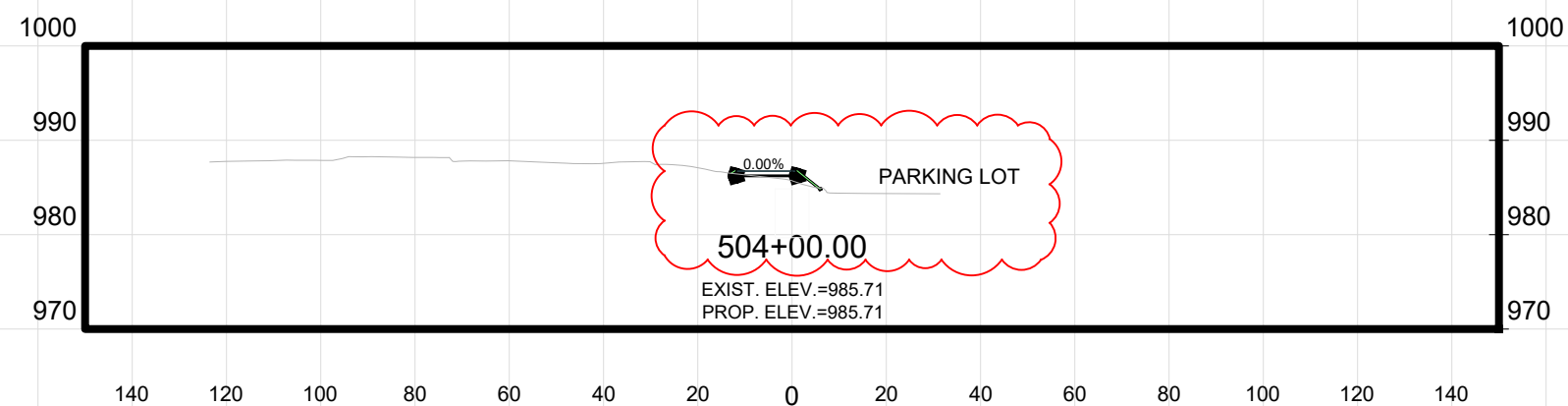
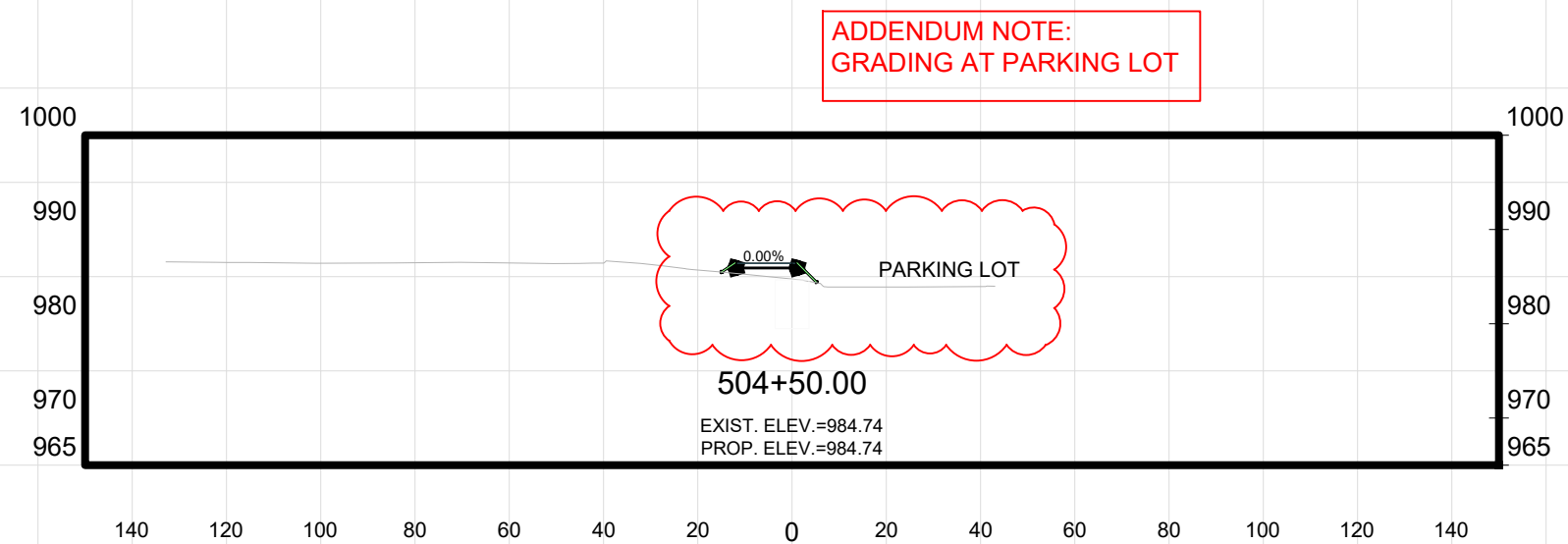
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CROSS SECTIONS -BLACKHAWK SWALE
~~PHEASANT BRANCH GREENWAY ENHANCEMENT~~

14370
MADISON, WI
9517

CONTRACT NO:

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ADDENDUM NOTE:
GRADING AT PARKING LOT

ADDENDUM NOTE:
REVISED SHEET NAME

14370

MADISON, WI 0517

951 /

CONTRACT NO:

CROSS SECTIONS -BLACKHAWK SWALE

PHEASANT BRANCH GREENWAY ENHANCEMENT

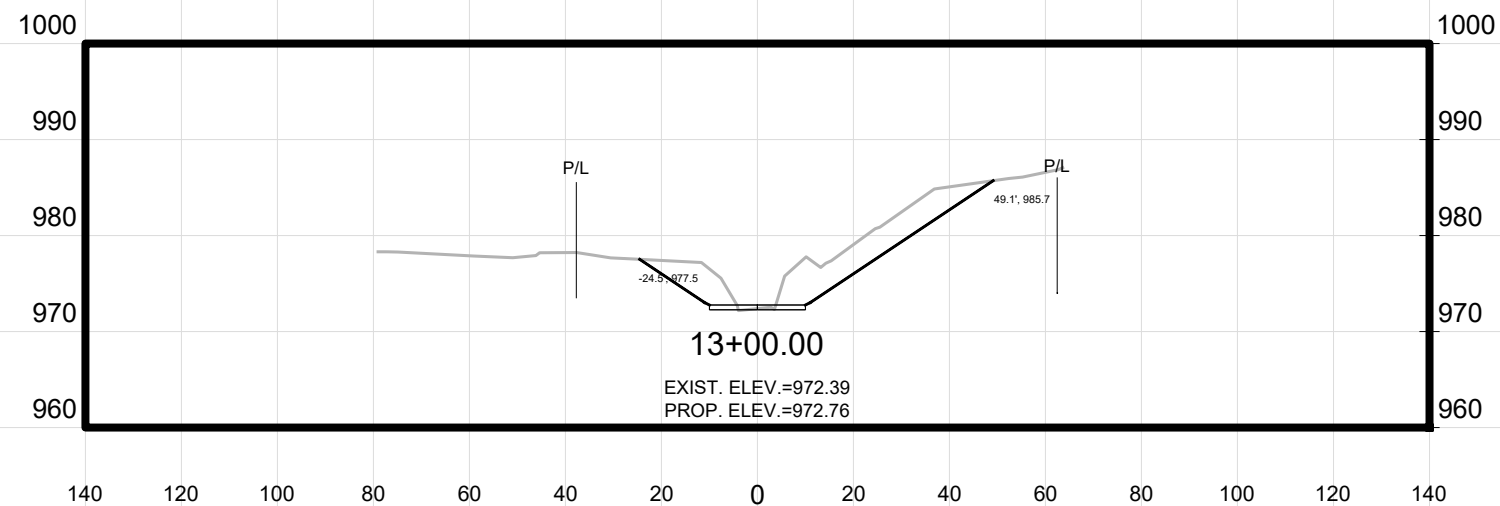
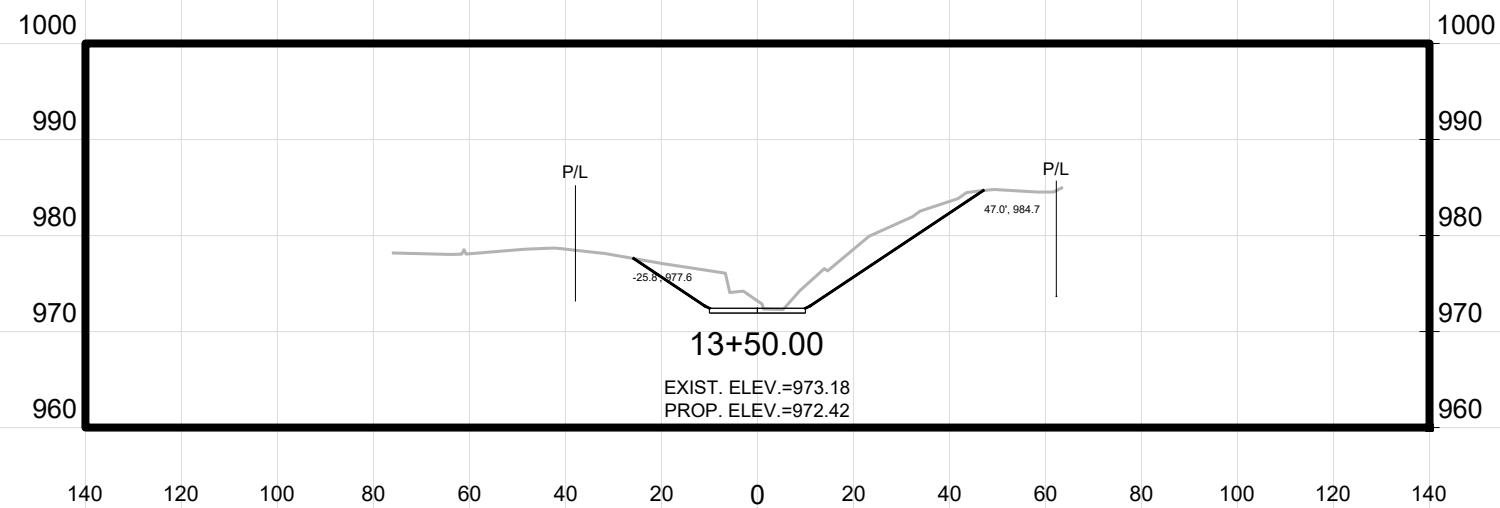
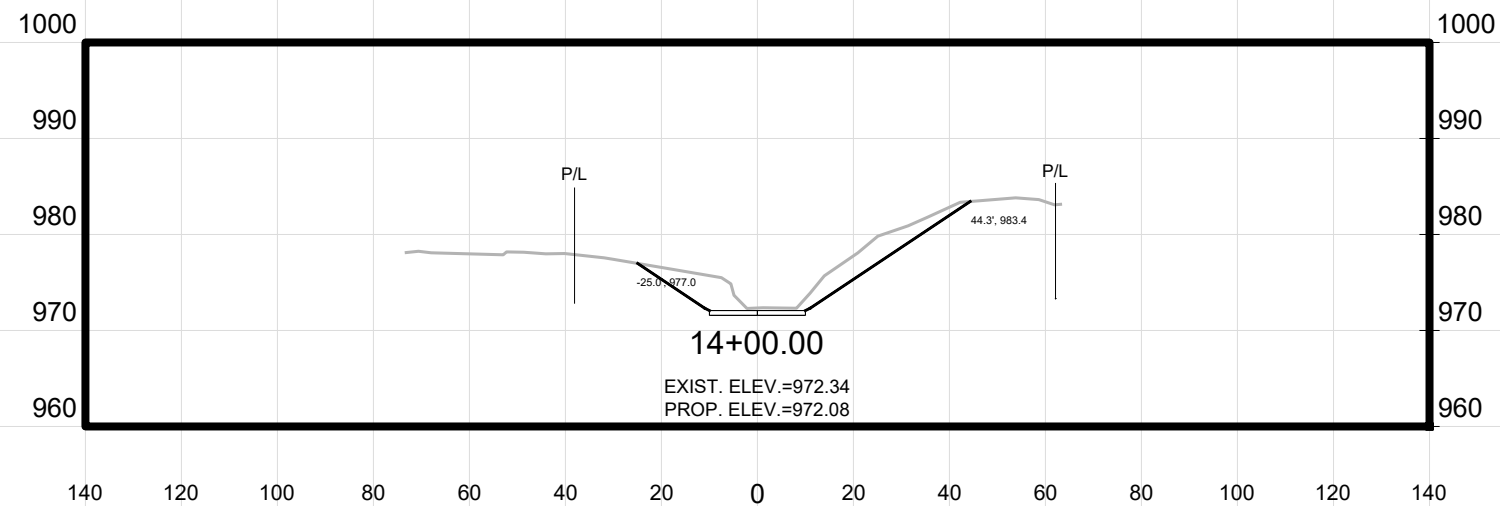
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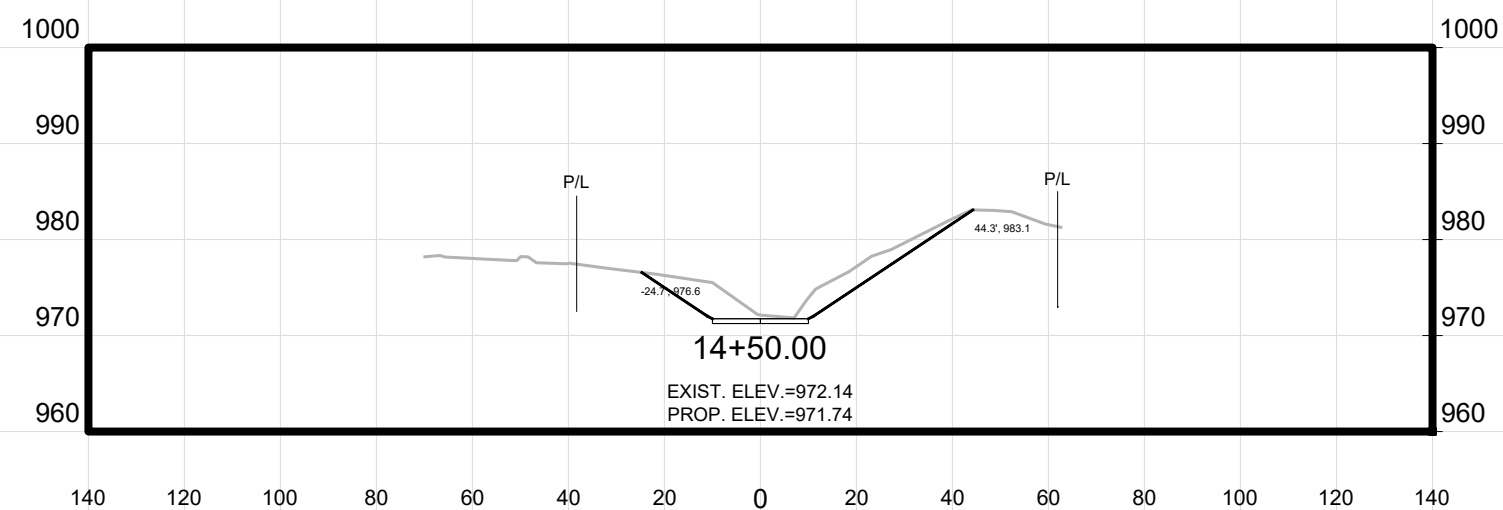
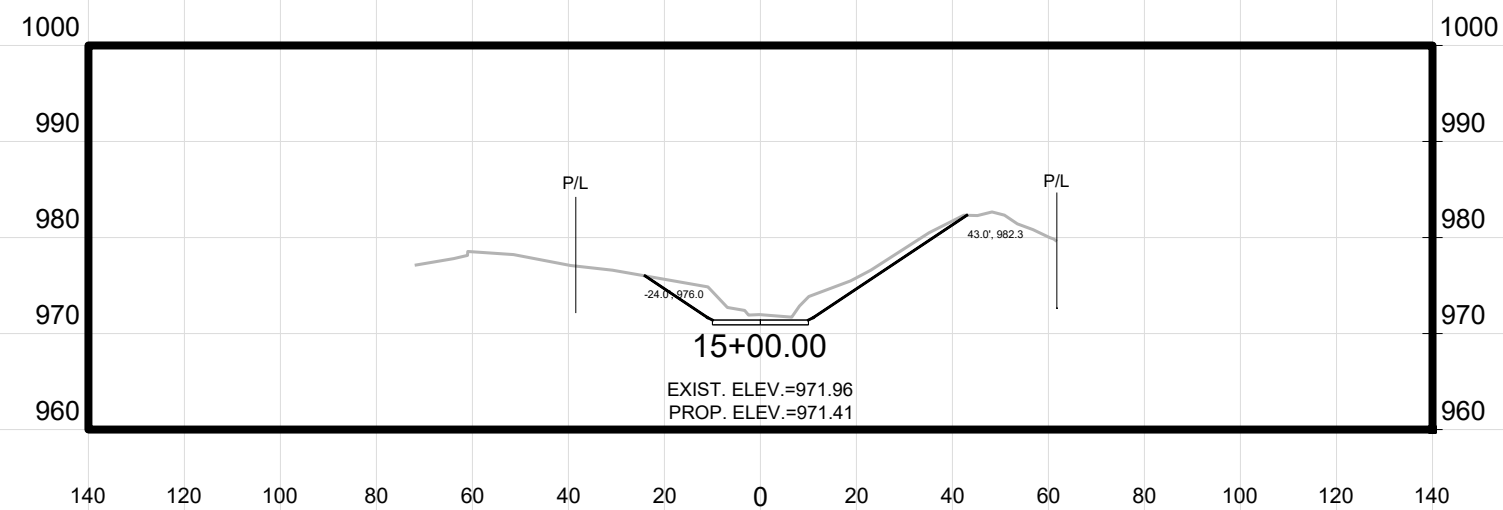
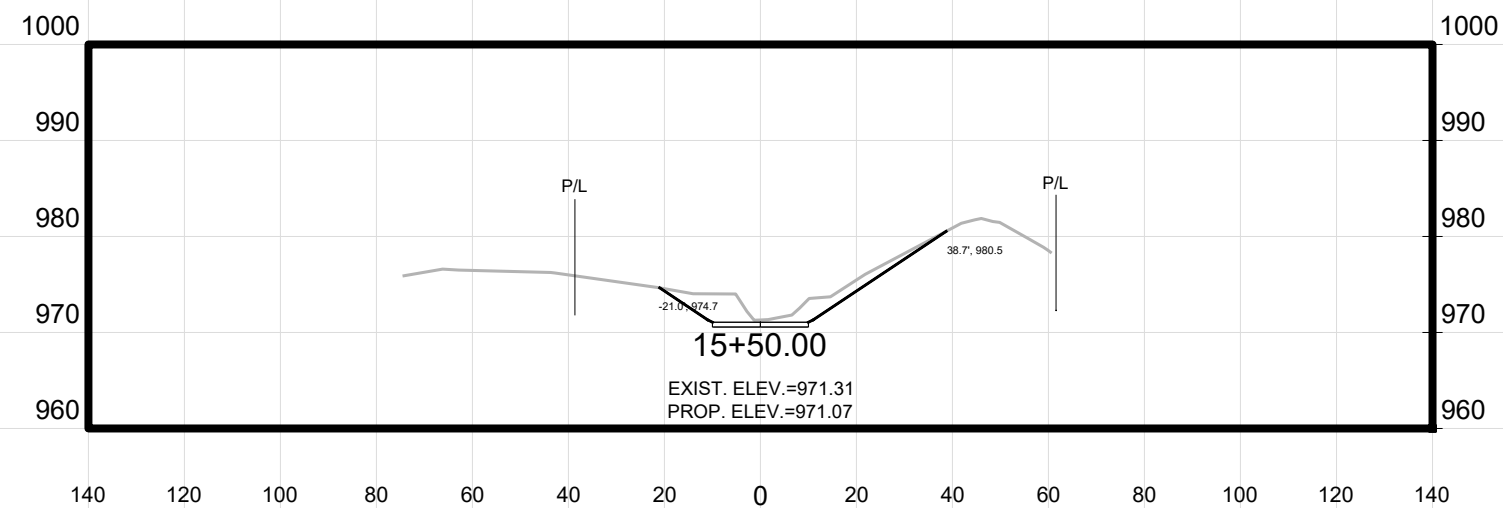
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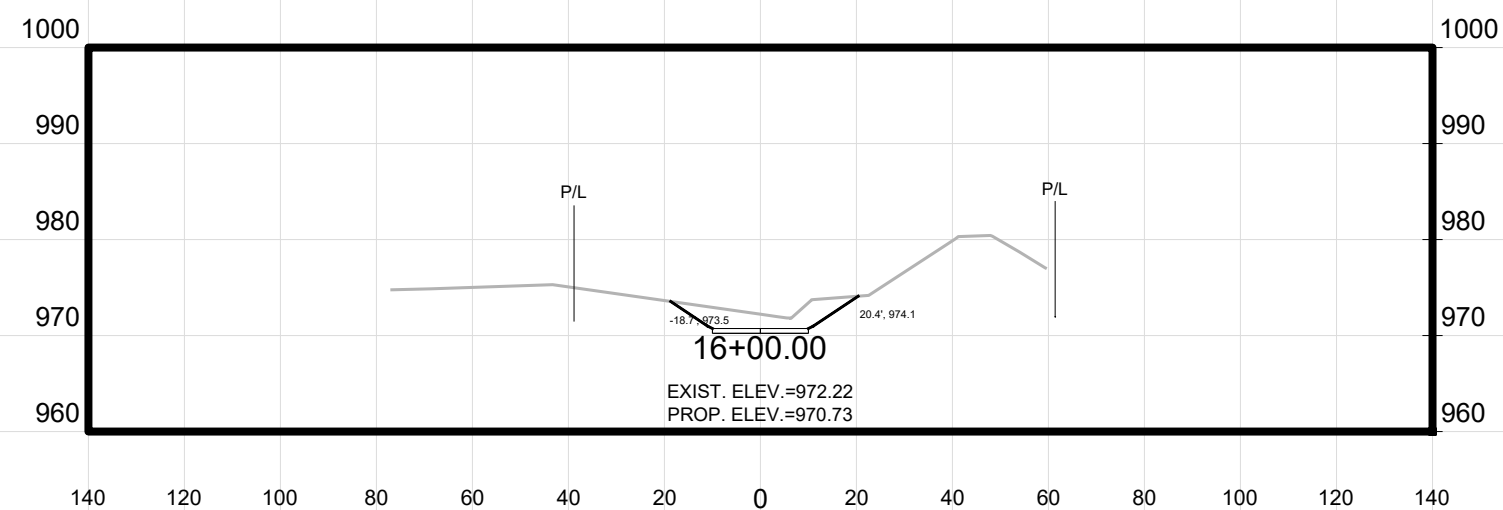
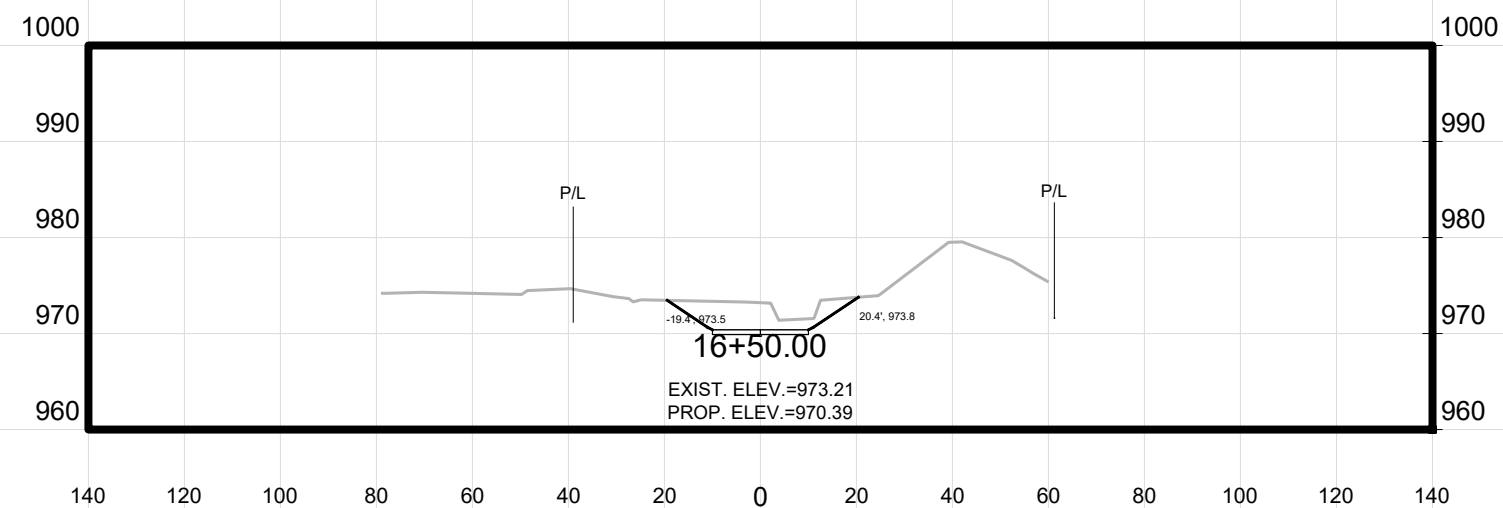
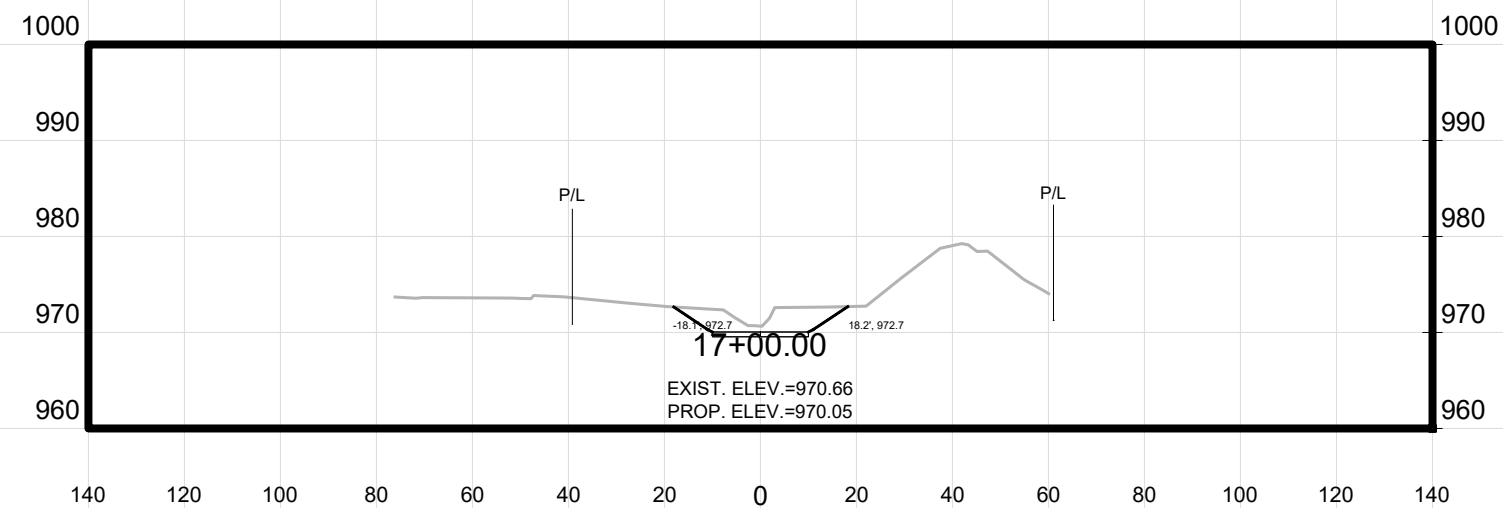
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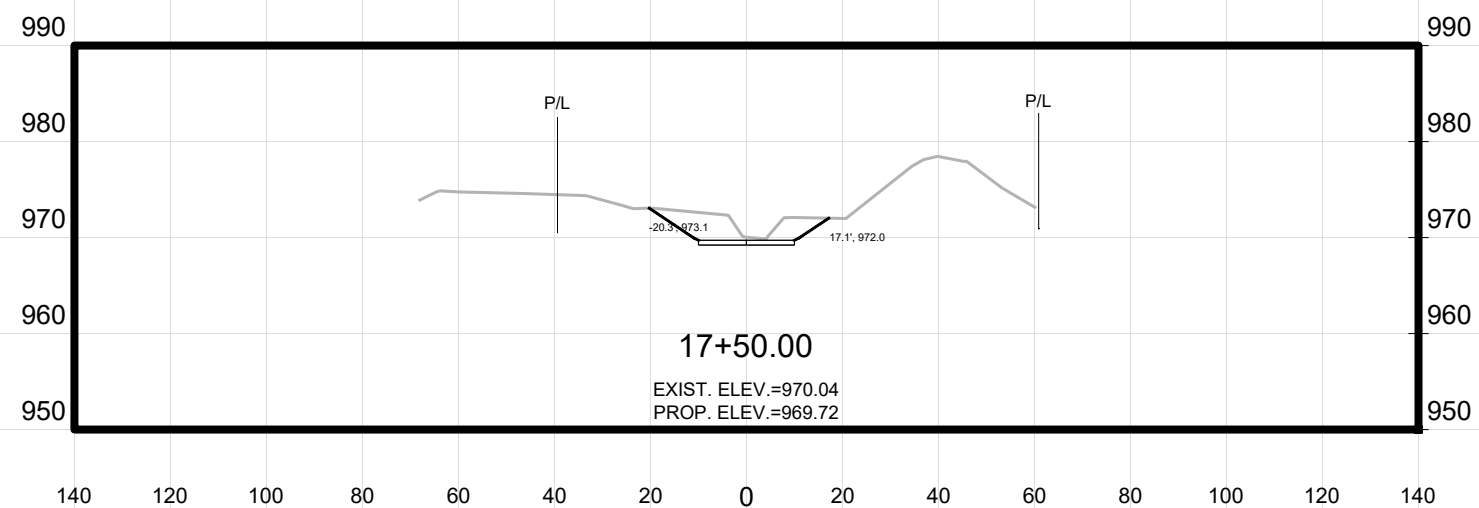
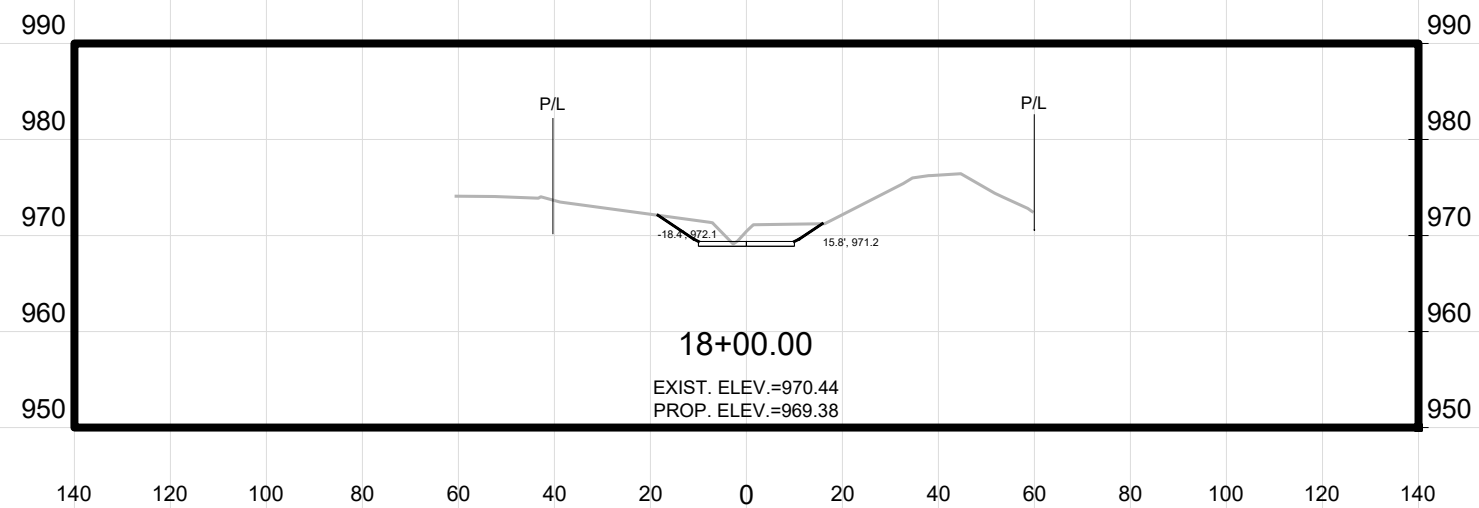
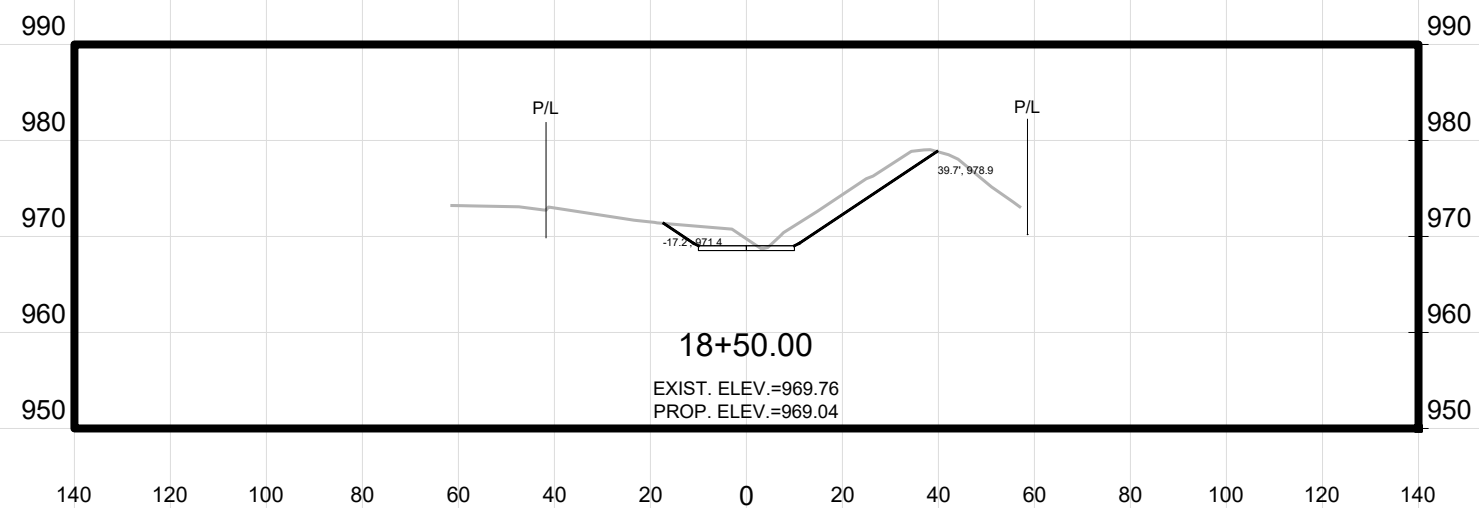
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CONTRACT NO:

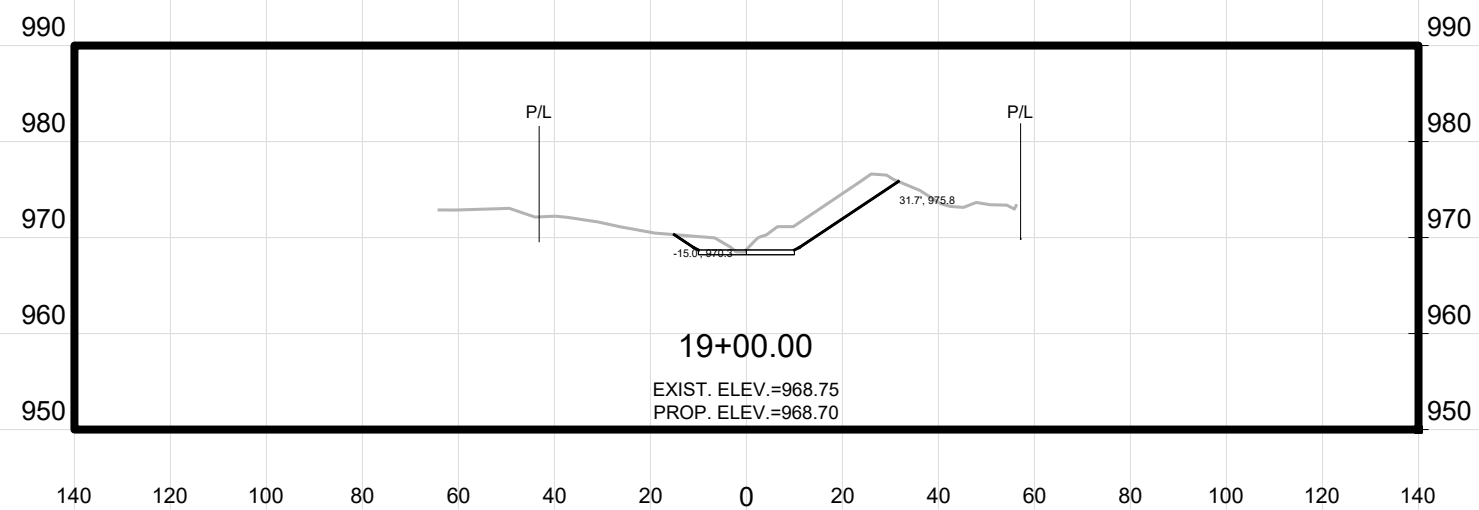
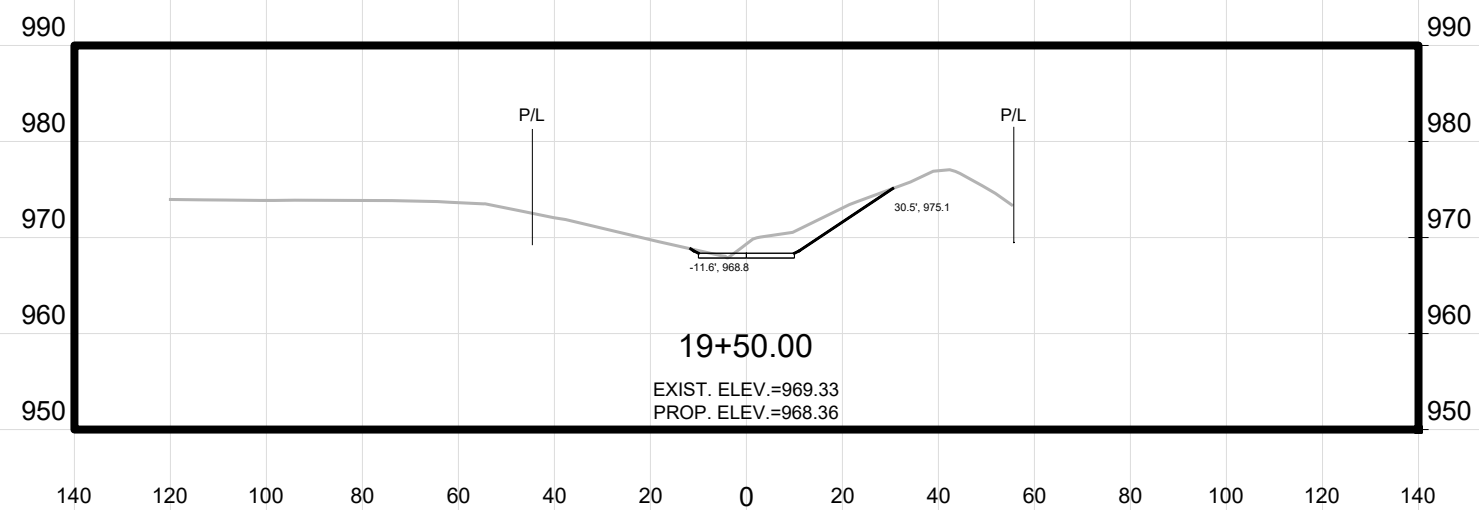
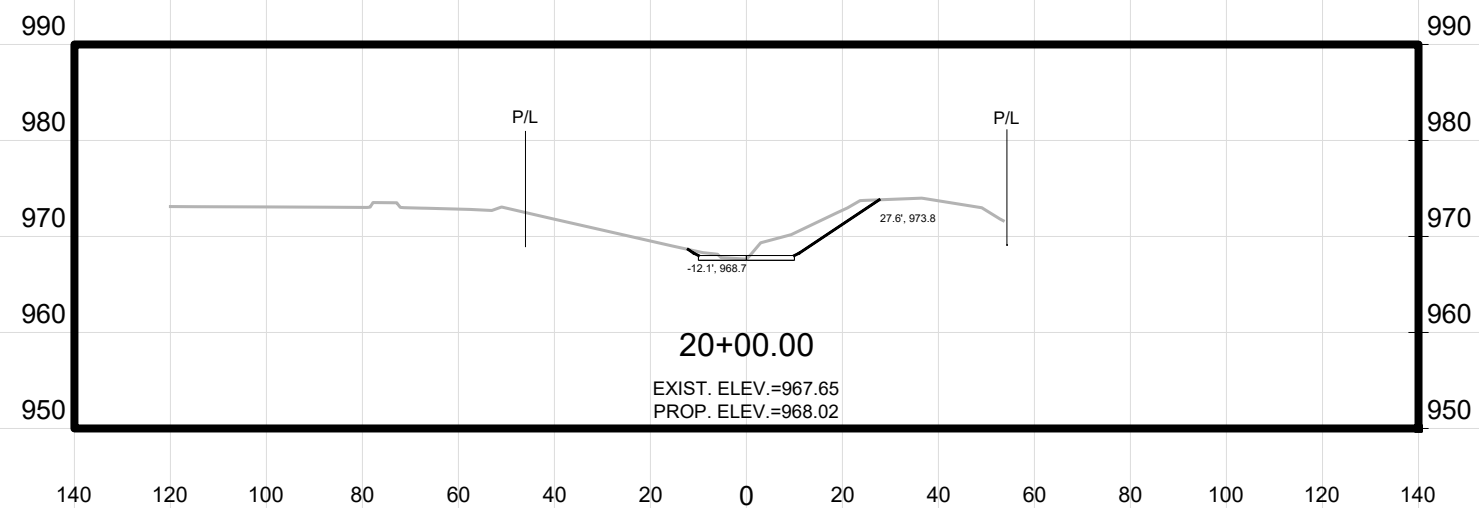


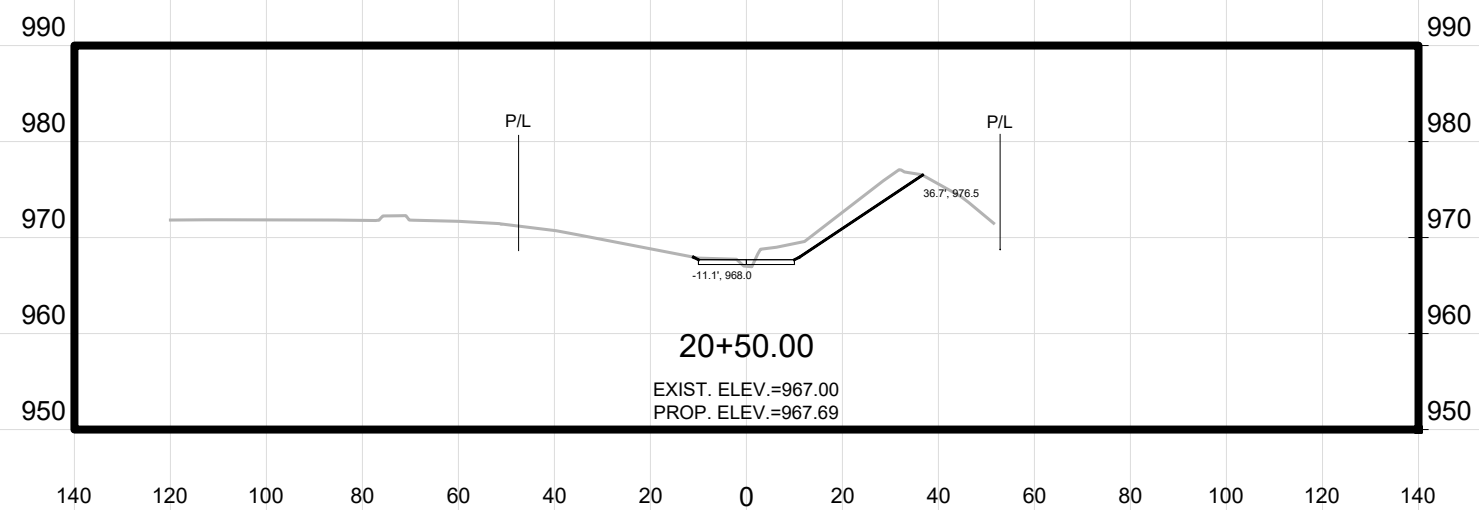
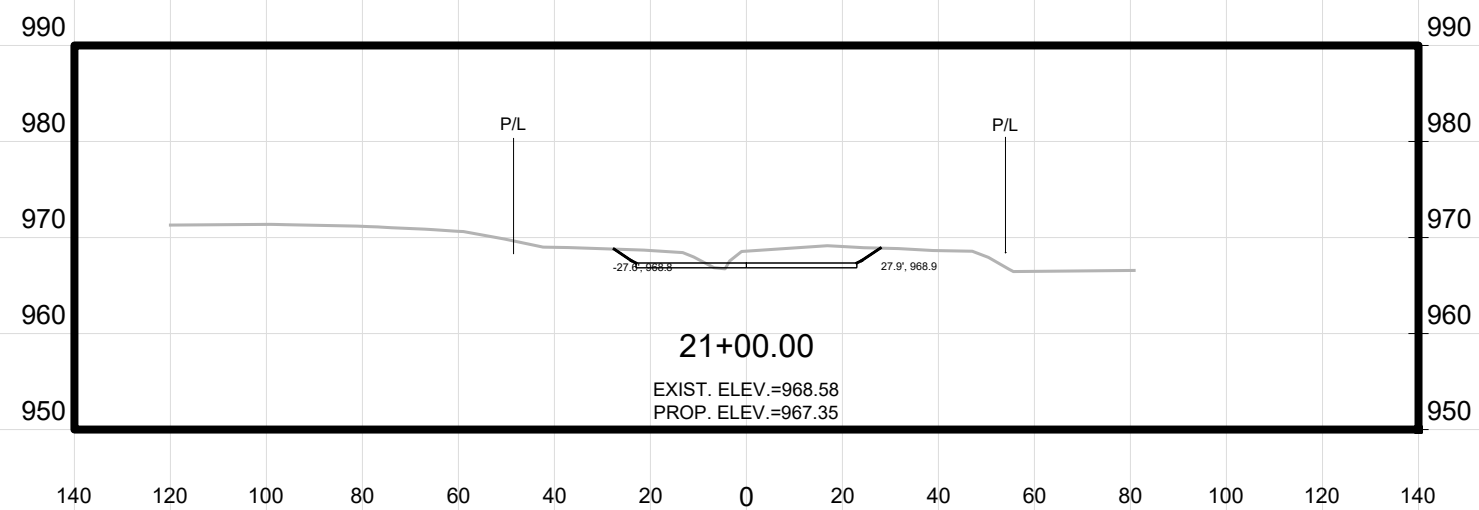
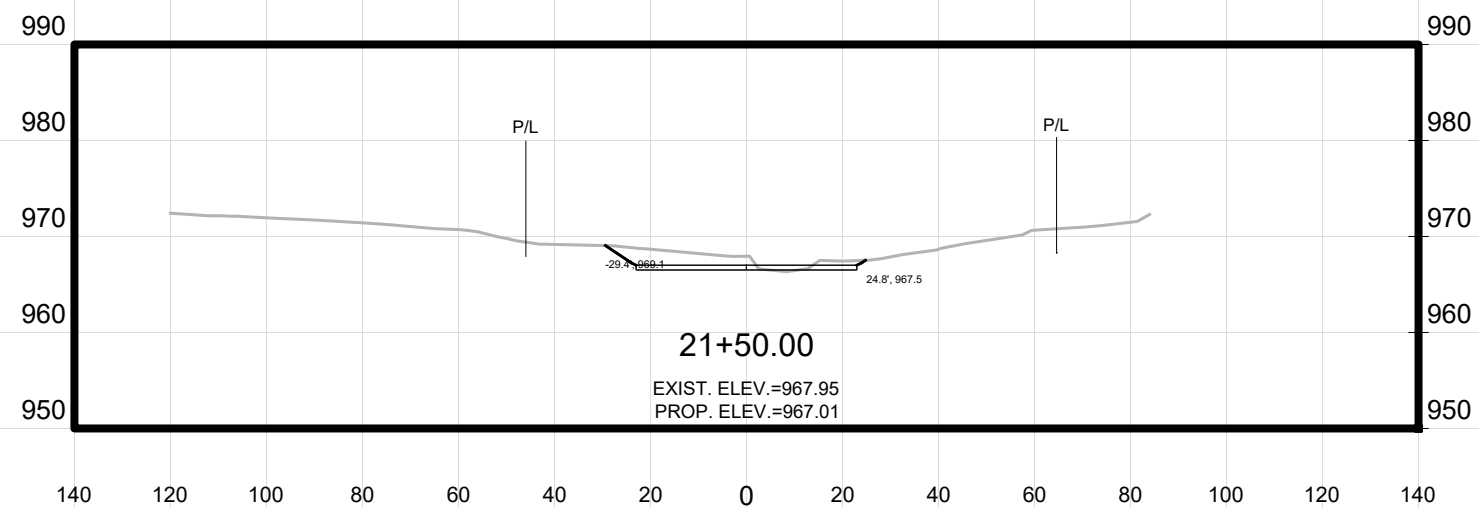
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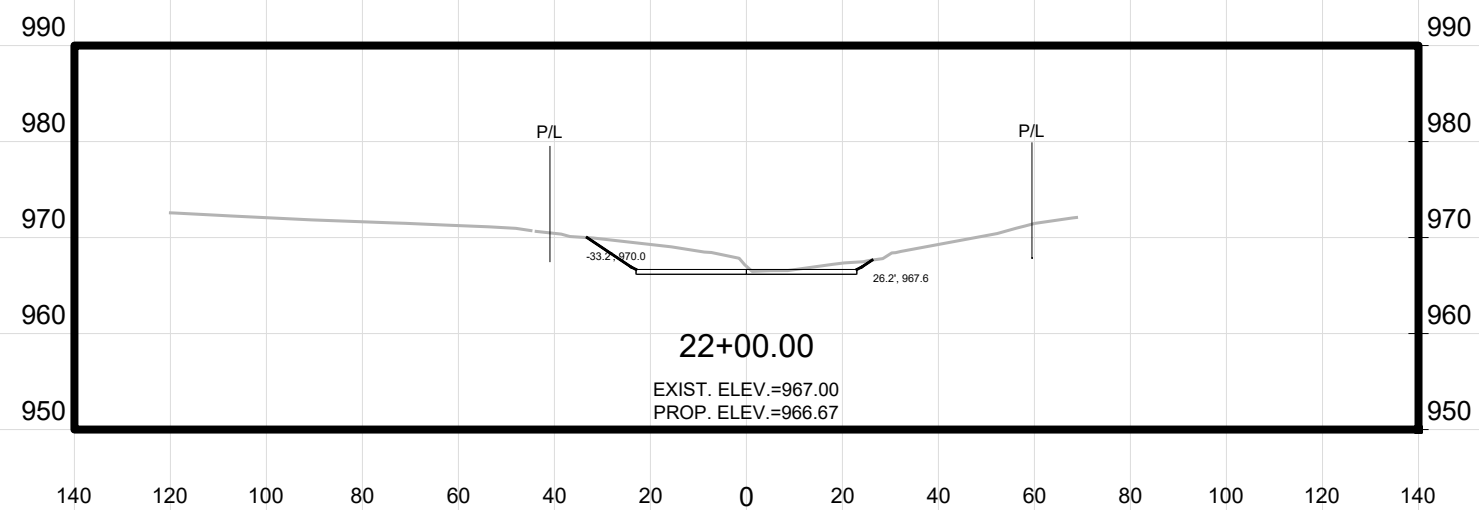
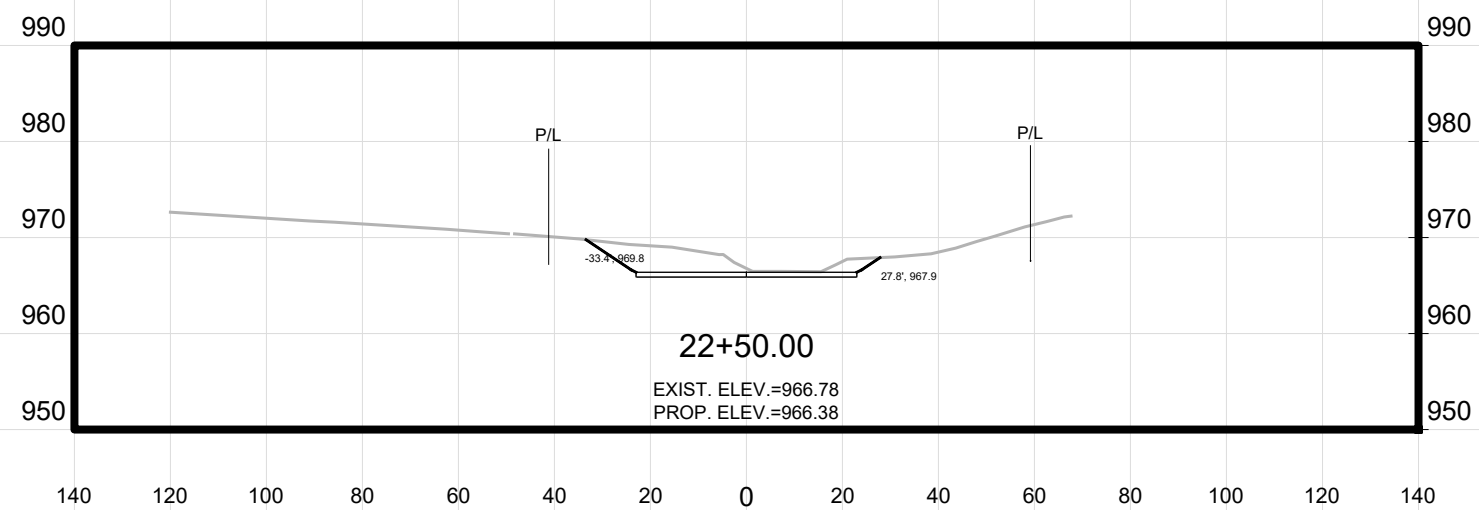
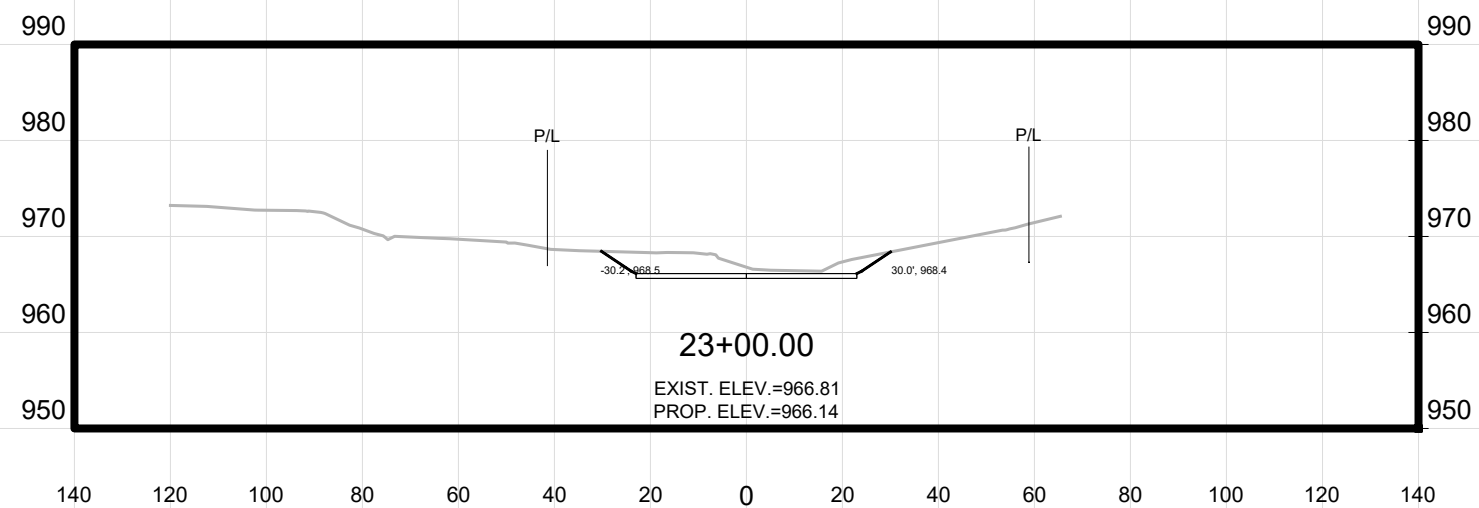


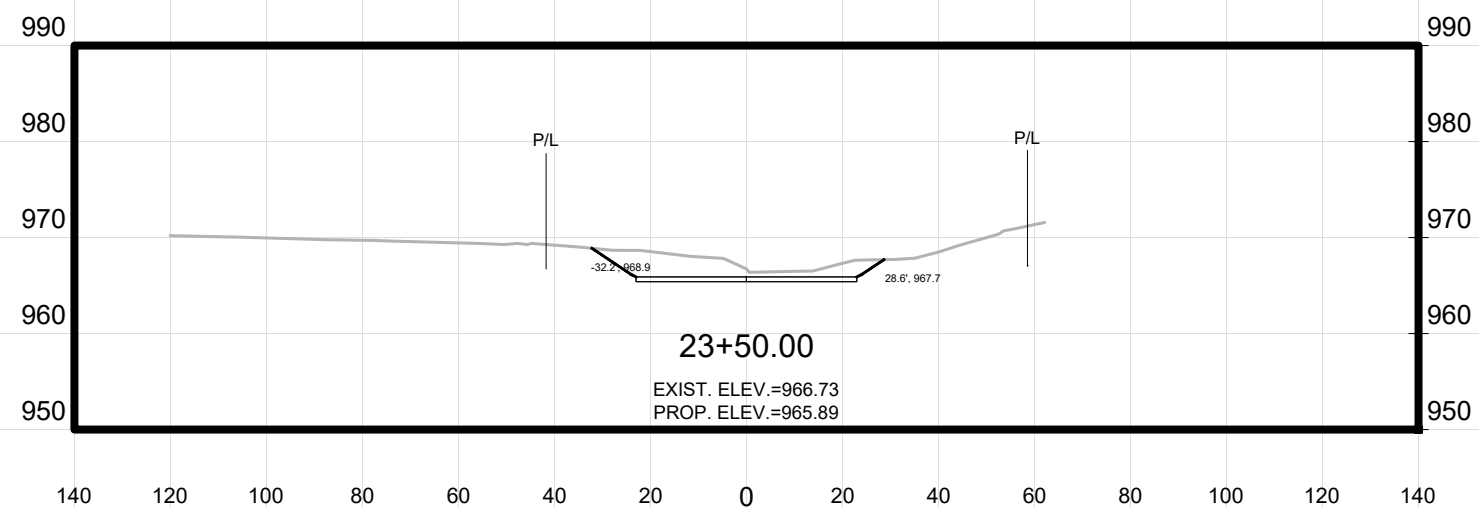
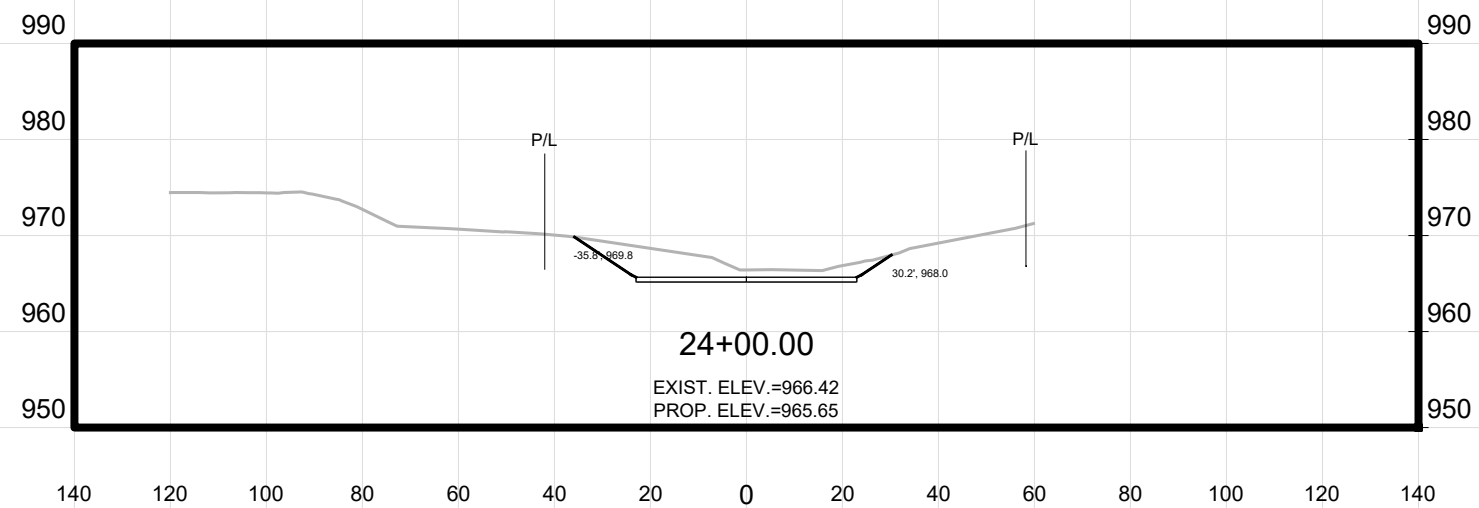
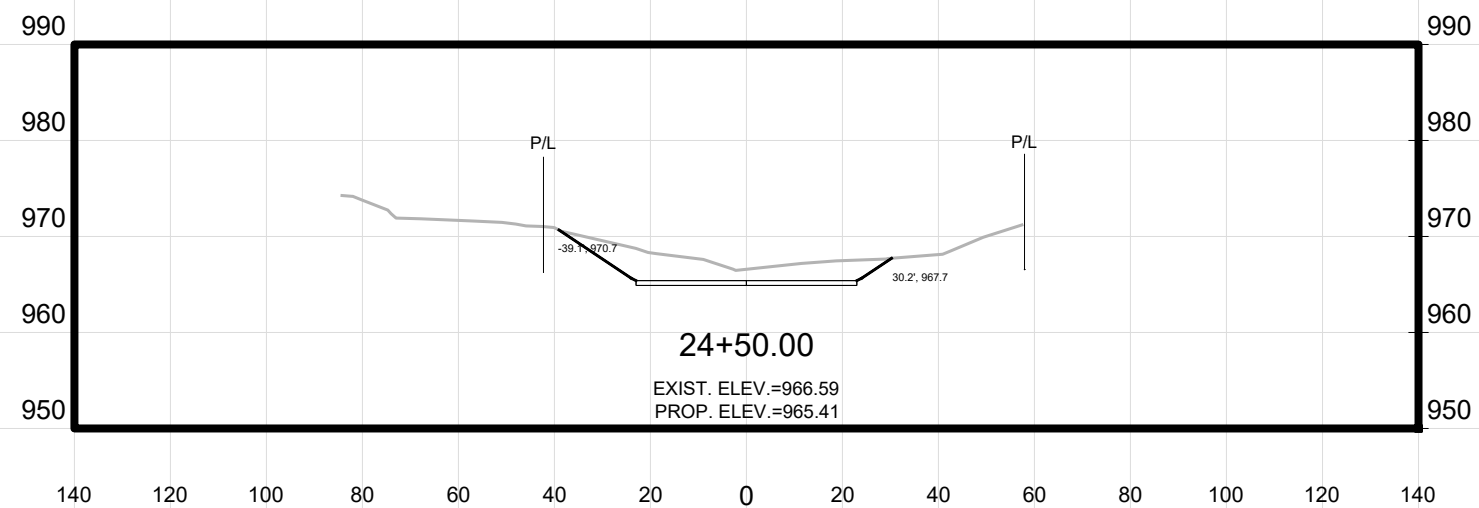


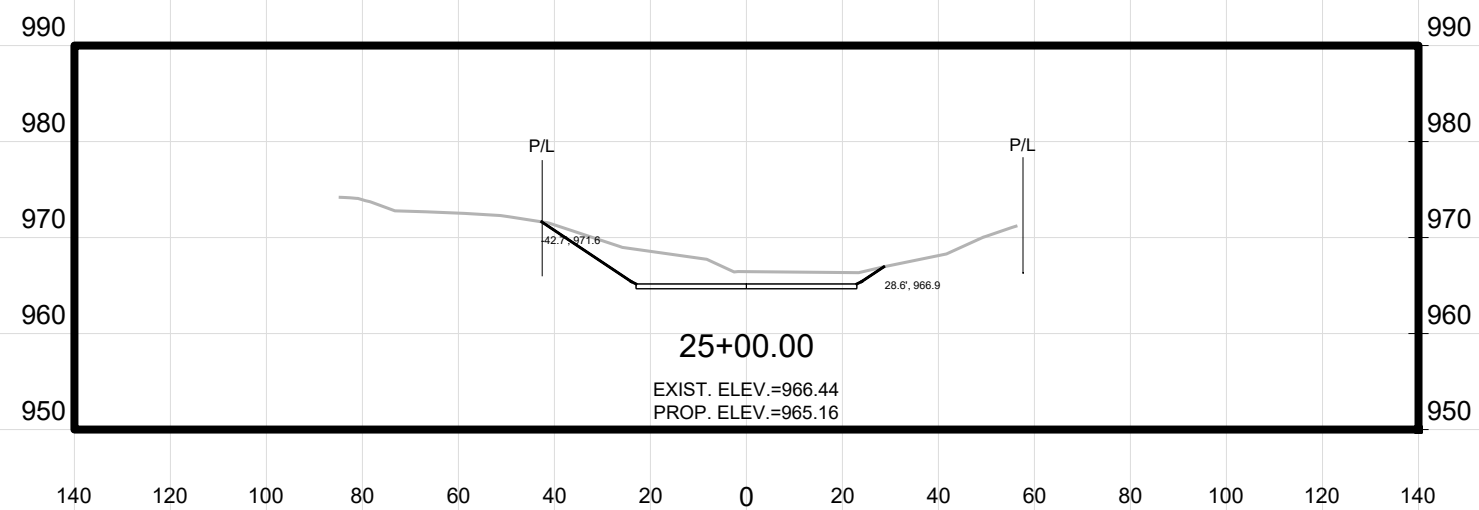
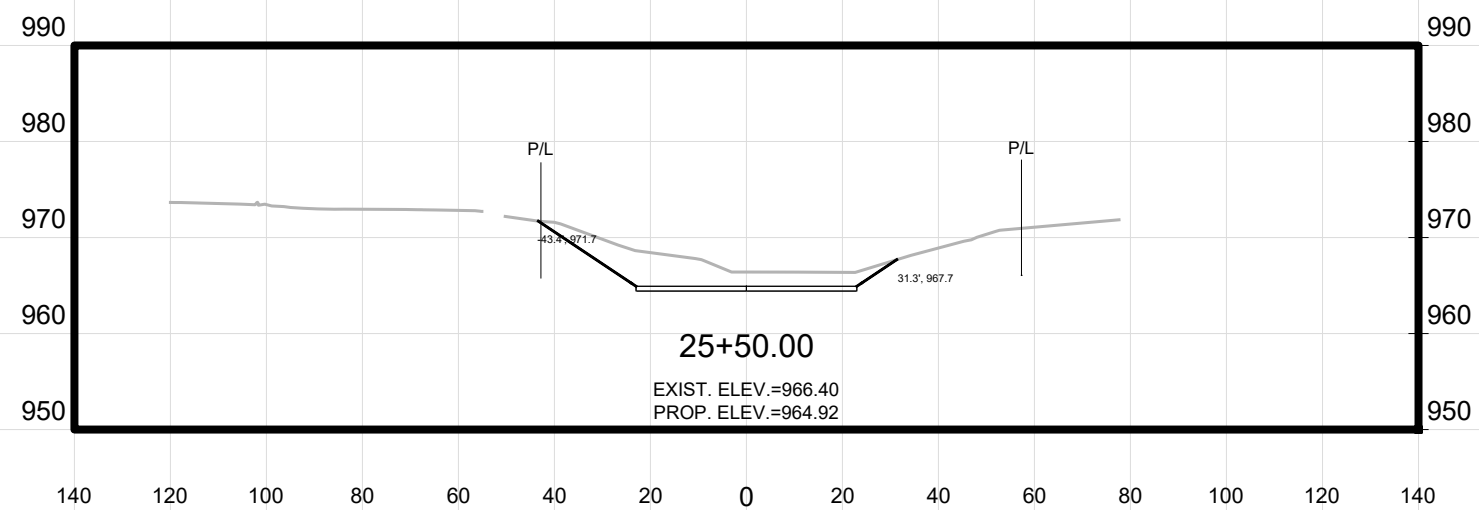
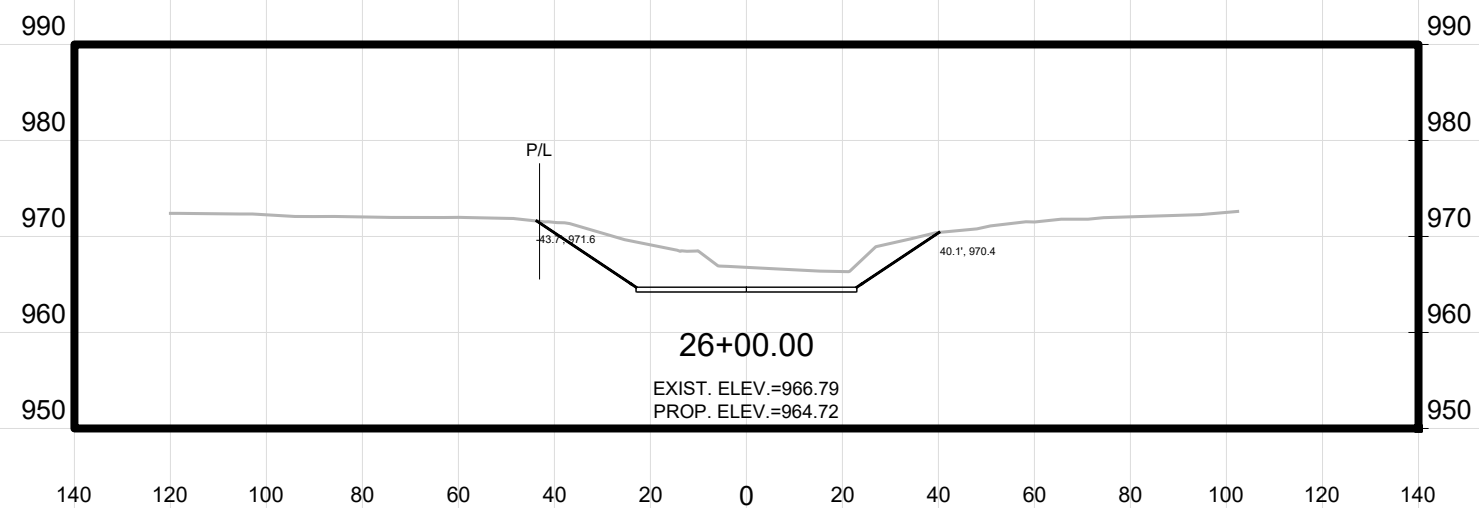


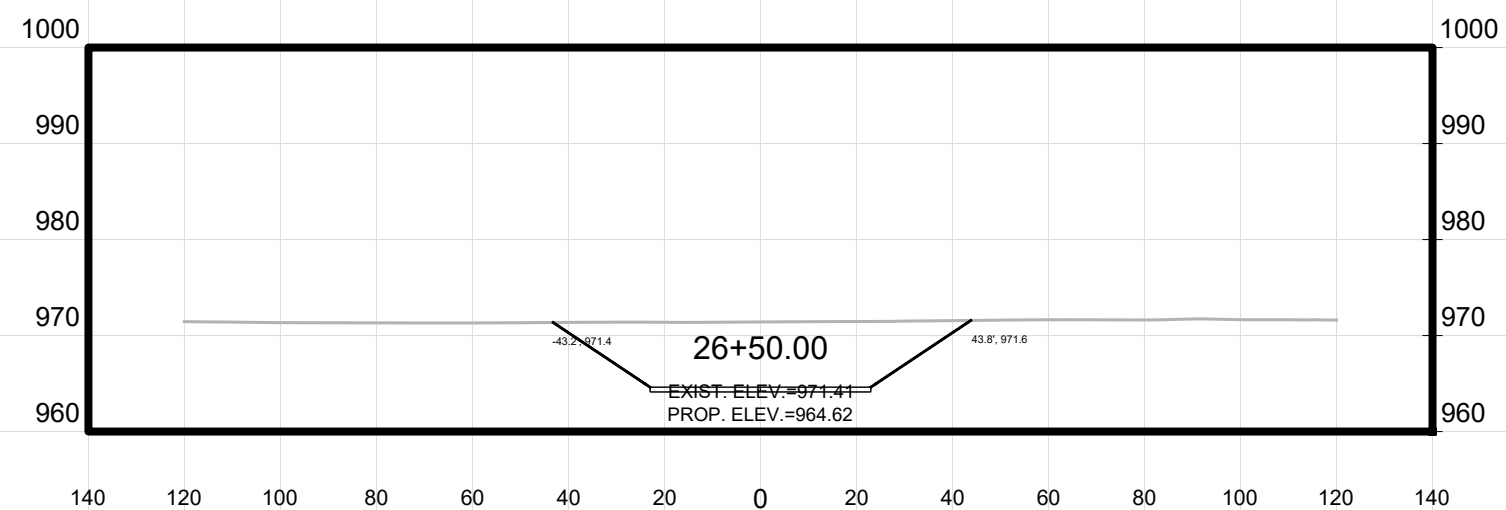
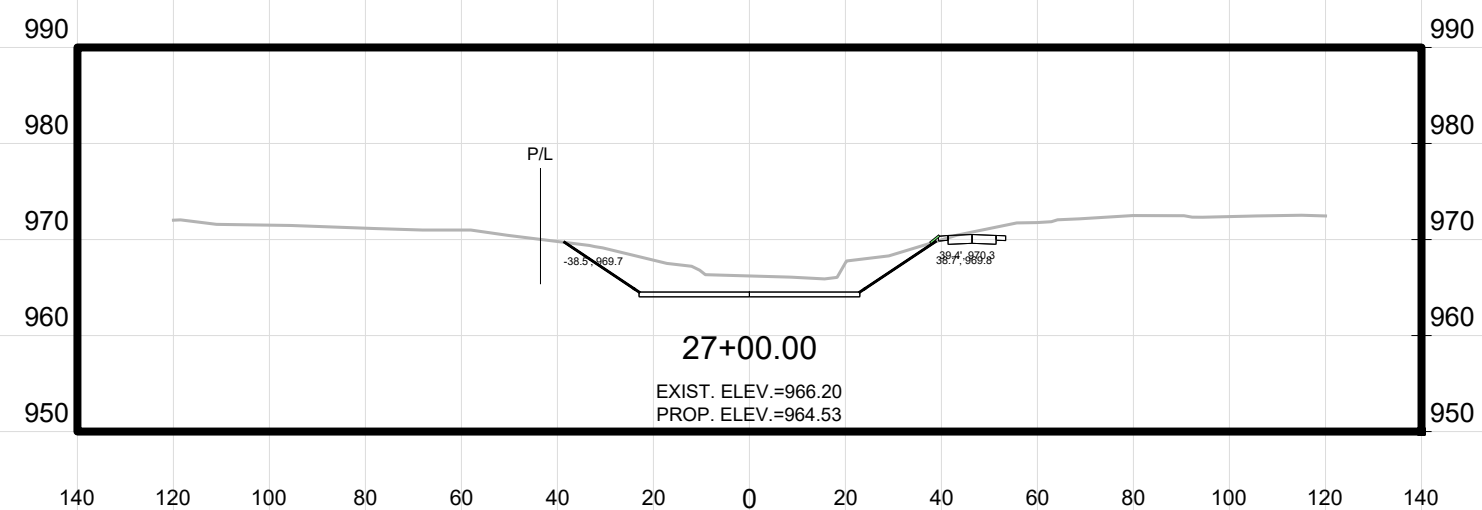
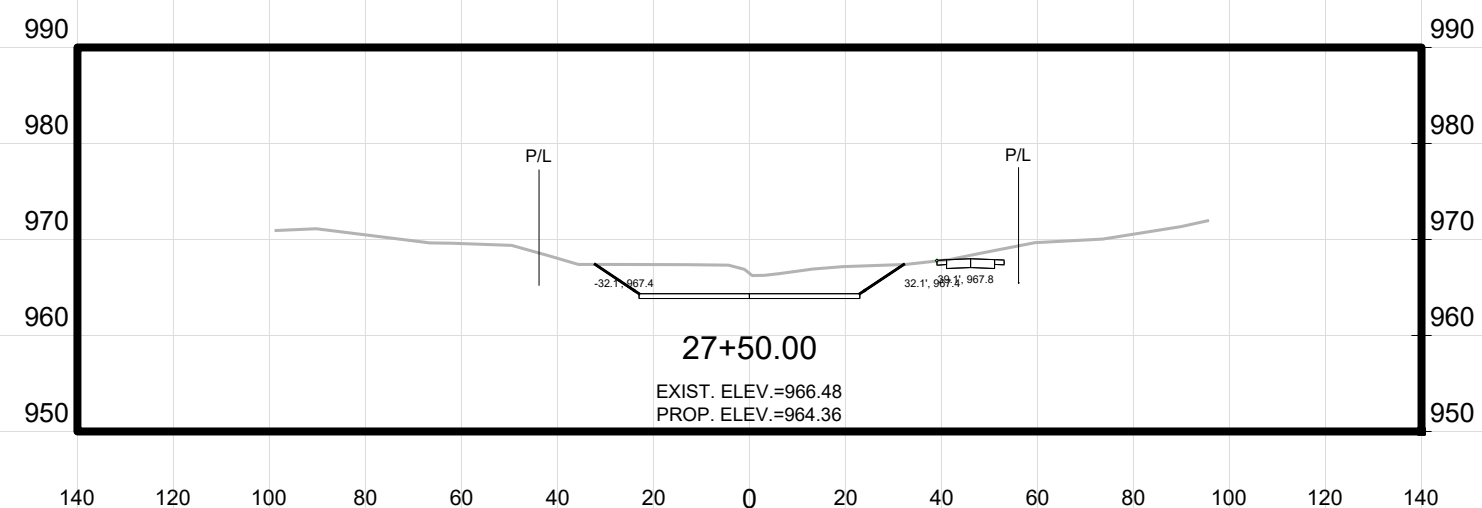




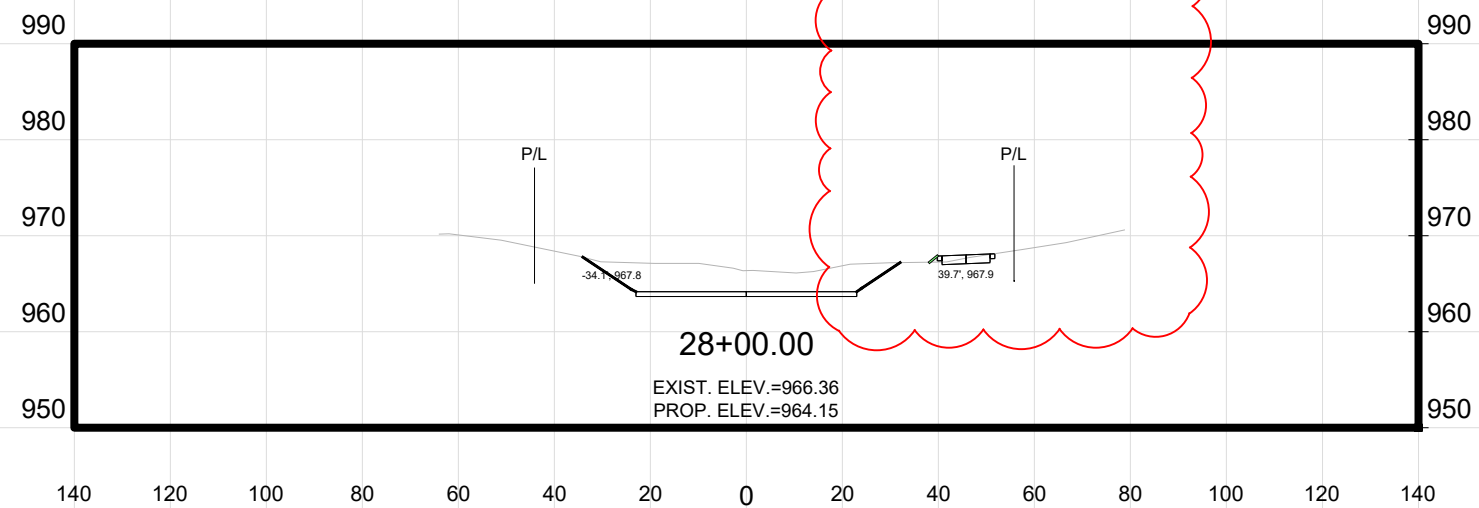
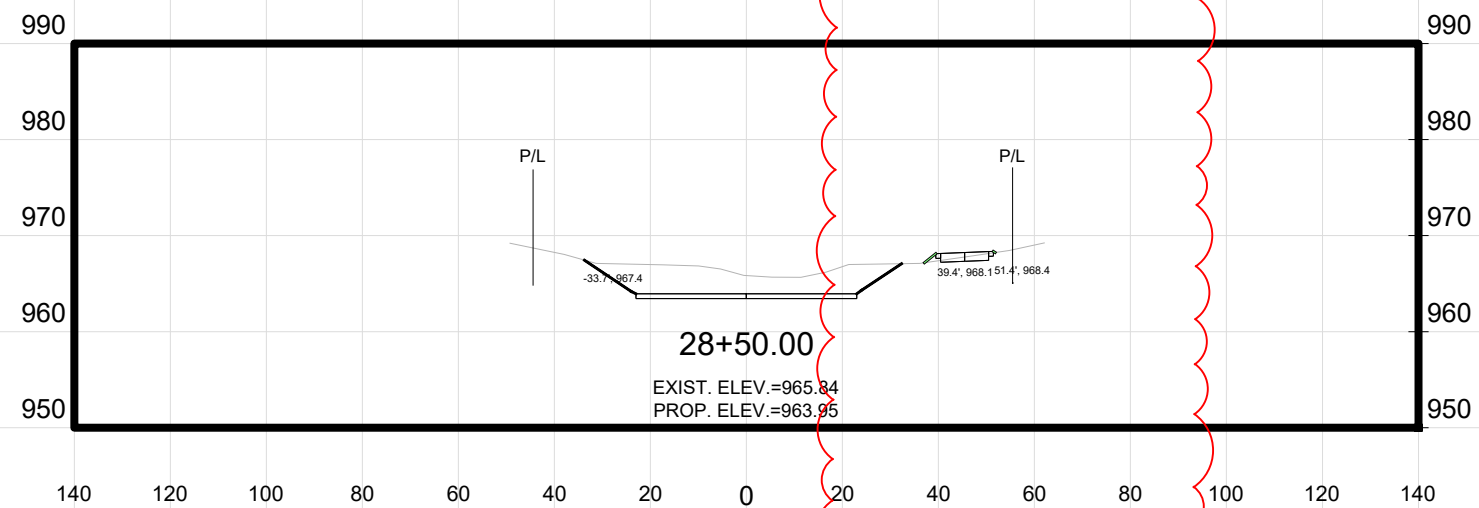
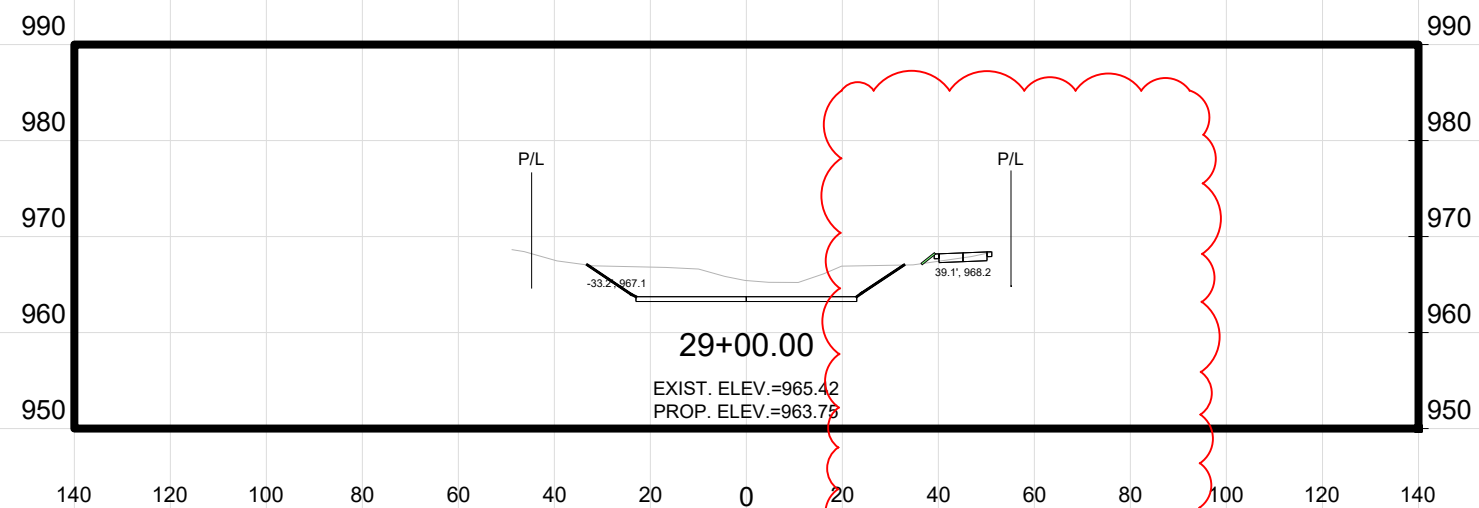








ADDENDUM NOTE:
REVISED TRAIL CROSS SLOPE



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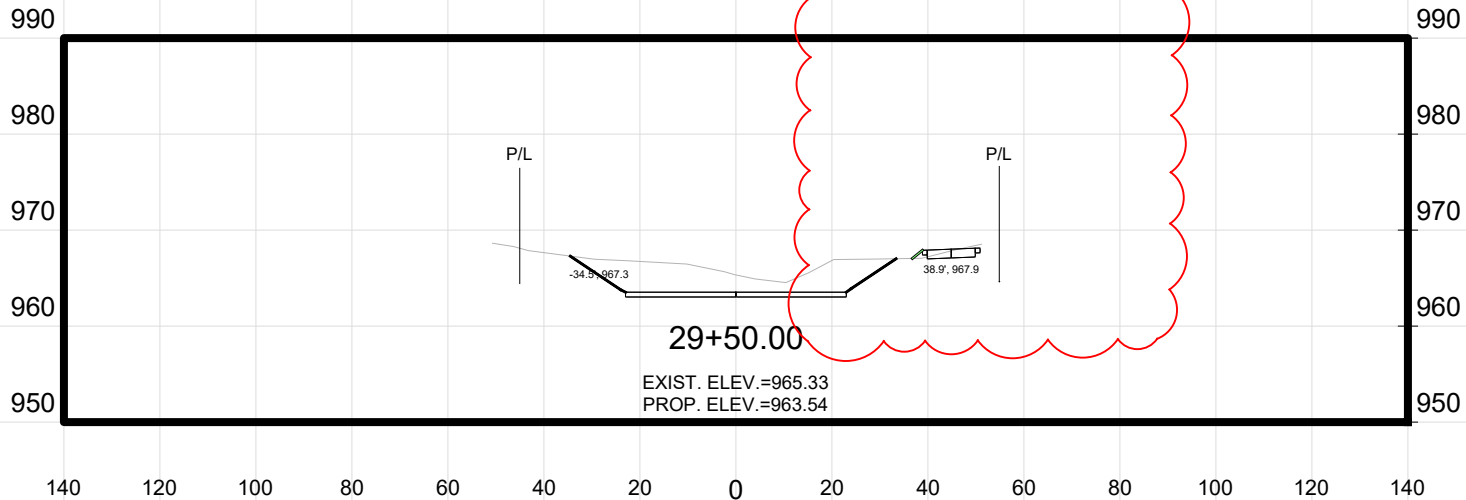
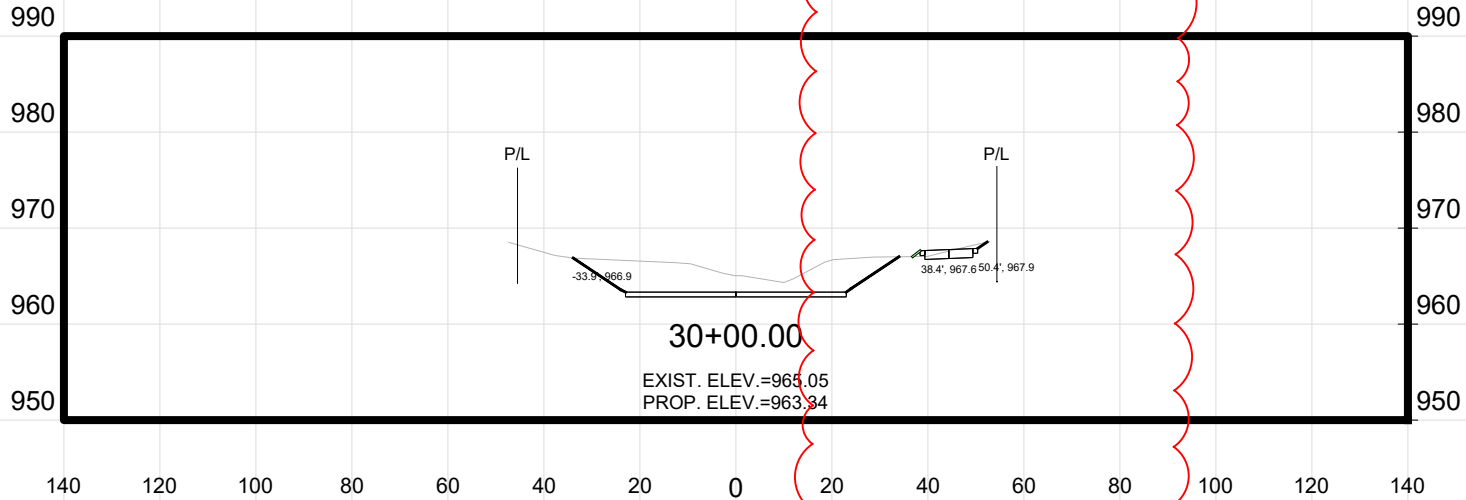
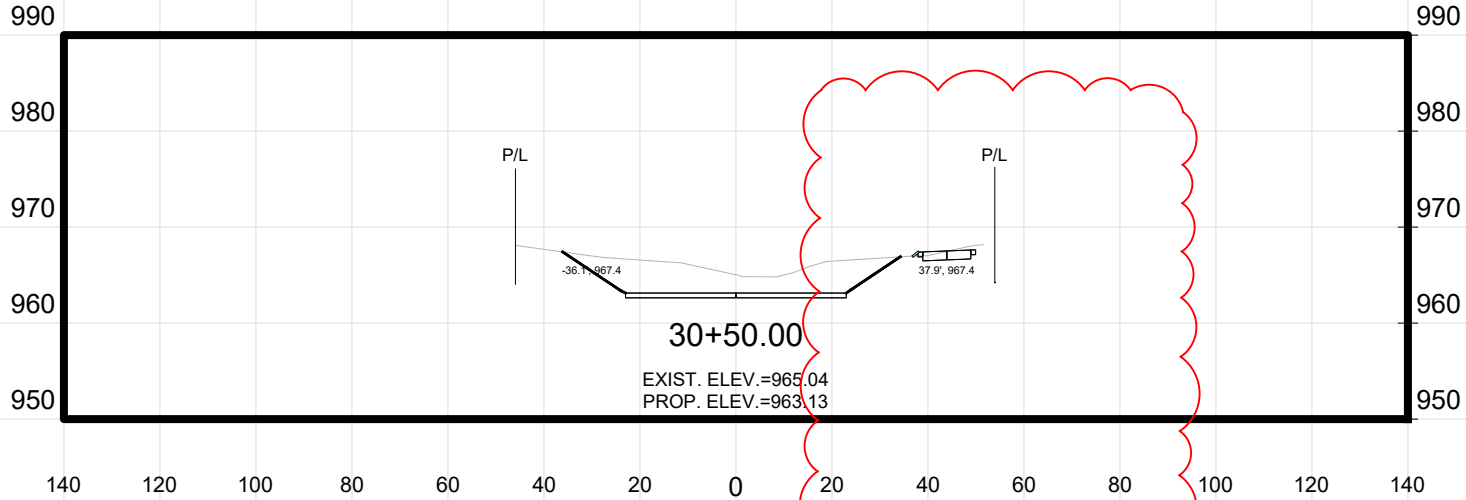
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MADISON, WI
9517

EAST CHANNEL
PHEASANT BRANCH GREENWAY ENHANCEMENT
CONTRACT NO:



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ADDENDUM NOTE:				
REVISED TRAIL CROSS SLOPE				



EAST CHANNEL

MADISON, WI

CONTRACT NO: 9517

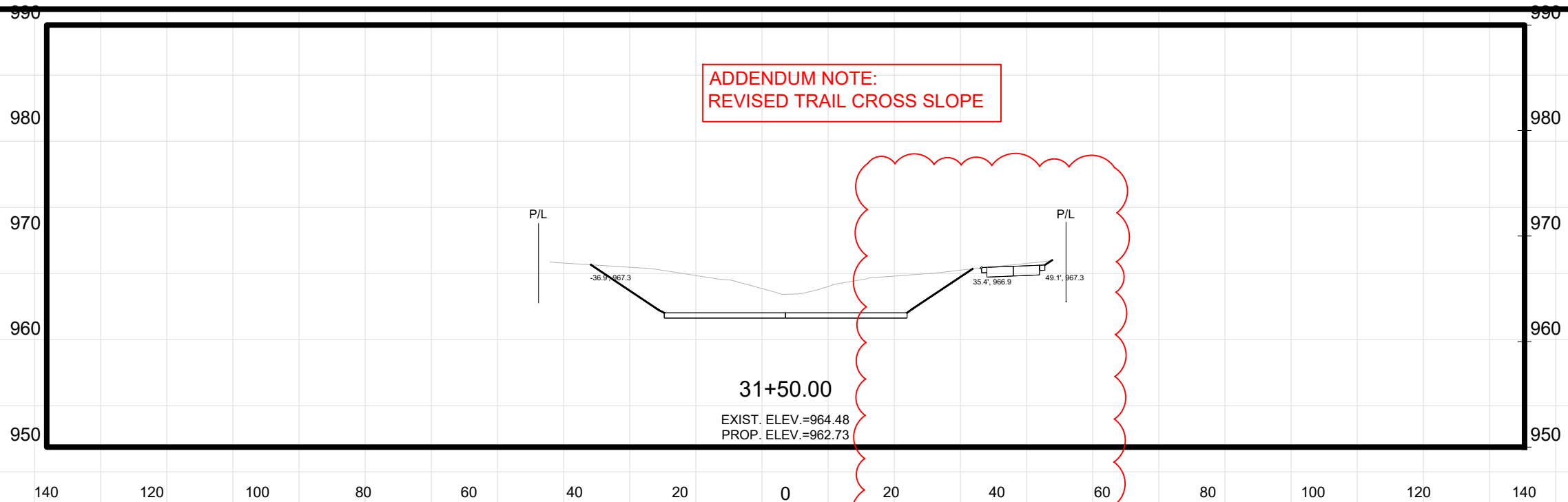
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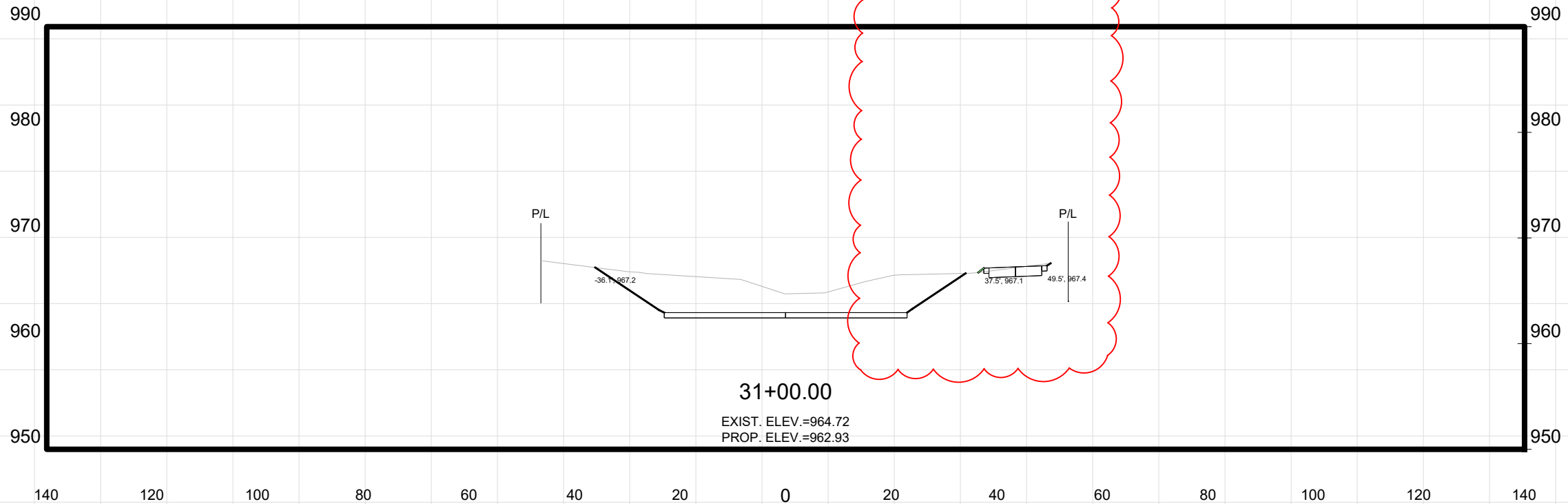
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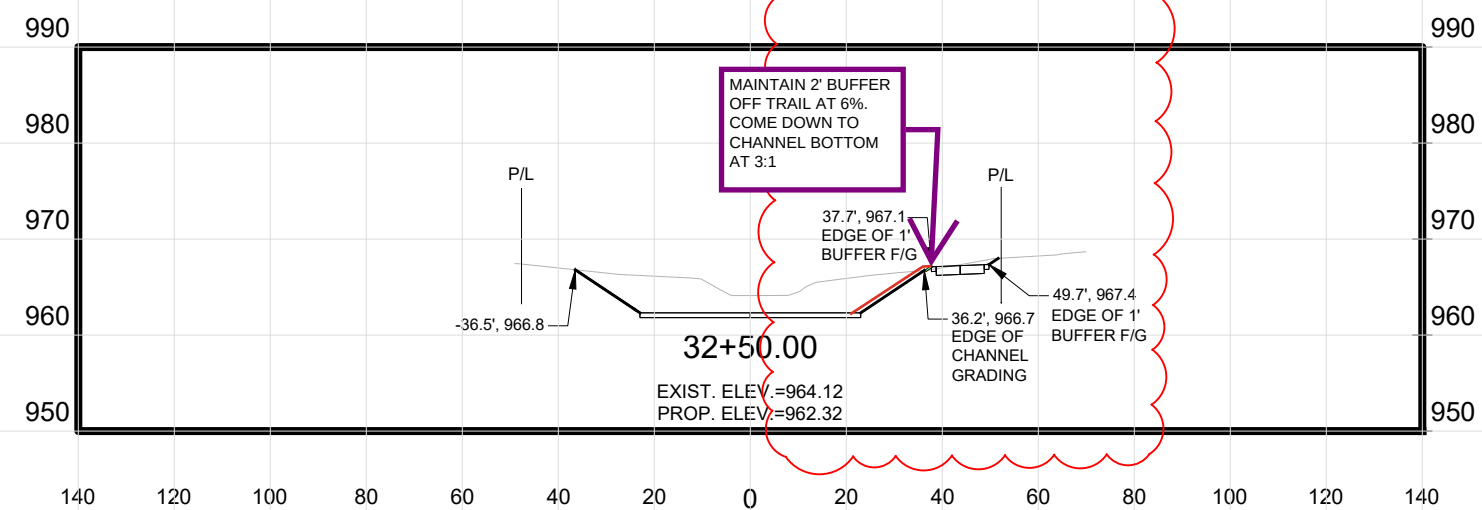
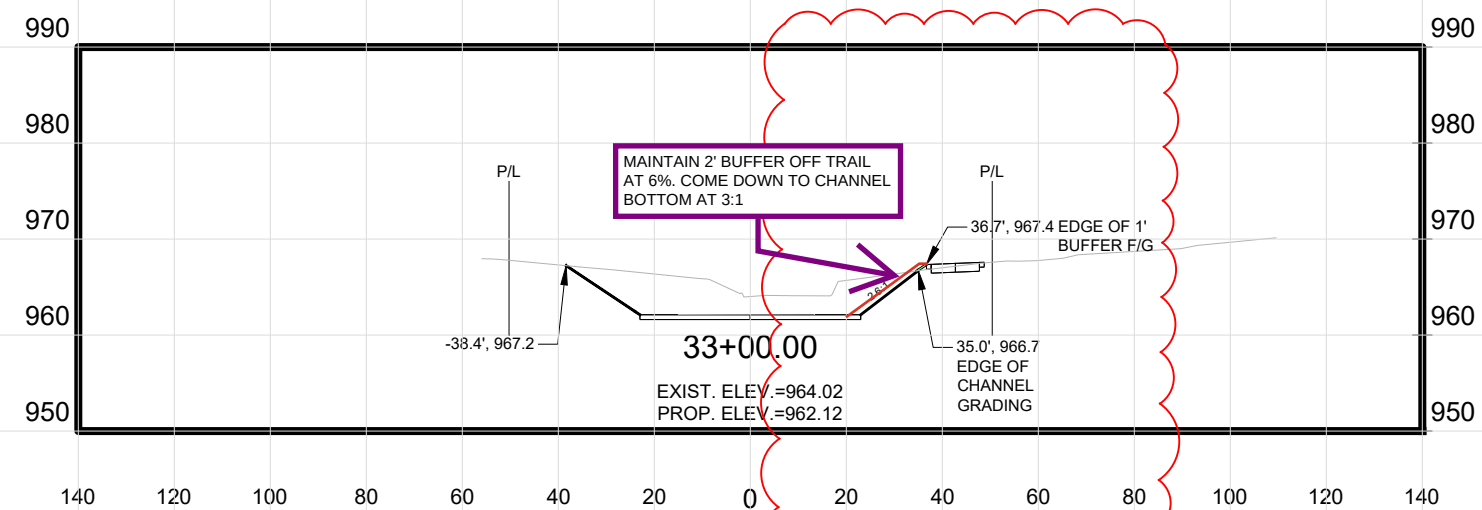
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ADDENDUM NOTE:
REVISED TRAIL CROSS SLOPE





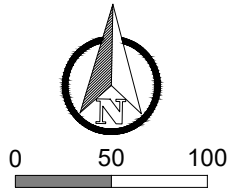
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1. REVISED PROPOSED GRADING SLOPE FOR CROSS SECTION 33+00.
2. REVISED TRAIL CROSS SLOPE.

EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND THE CITY OF MADISON STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM PER BID ITEM 21013.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY WITHIN THE CHANNEL AND ASSOCIATED DRAINAGE.
6. POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER. PER BID ITEM 21052.
7. NO CONSTRUCTION MATERIALS OR STOCKPILES SHALL BE STORED IN THE CHANNEL. STOCKPILES SHALL HAVE PERIMETER CONTROLS AND/OR BE COVERED AT THE END OF THE WORK DAY.
8. THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
9. ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.
10. ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
11. THE CONTRACTOR SHALL USE APPROPRIATE CONCRETE WASTE CATCHMENT. ALL POINTS ON THIS SITE DRAIN DIRECTLY TO THE GREENWAY.
12. THE CONTRACTOR SHALL BE AWARE THAT SILT FENCE, DITCH CHECKS, AND OTHER EROSION CONTROL MEASURES MAY BE PHASED, ACCORDING TO THE CONSTRUCTION SCHEDULE. SOME ITEMS MAY NEED TO BE INSTALLED OR REMOVED AS WORK PROGRESSES.
13. CONTRACTOR SHALL NOT GRADE TO LIMITS BEYOND EFFECTIVE FUNCTIONALITY OF EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs). MONITOR THE FORECAST FOR PRECIPITATION EVENTS AND PRIORITIZE SITE STABILIZATION BEFORE LEAVING THE WORK SITE. REPAIR BMPs AFTER PRECIPITATION EVENTS AS NEEDED. BARE, UNSTABILIZED AREAS REQUIRE RESTORATION OR STABILIZATION WITHIN THREE DAYS FOR GRADED GREENWAY AREAS AND FIVE DAYS FOR AREAS OUTSIDE OF THE BANKS TO MINIMIZE SEDIMENT DELIVERY OFF-SITE, AND TO MAXIMIZE EFFECTIVENESS OF DOWNSTREAM EROSION CONTROL BMPs.
14. ALL SEED MIXES AND MATTING ARE TO BE APPROVED BY THE ENGINEER PRIOR TO ANY RESTORATION WORK.
15. CONTRACTOR SHALL INSTALL ROCK DITCH CHECKS IN THE CHANNEL DURING AND PRIOR TO STABILIZATION. FOLLOWING THE INSTALLATION OF SEED & MAT, THE CONTRACTOR SHALL USE EITHER HAY BALES OF 12" SILT SOCK AS A DITCH CHECK BIO-ROLL TO SLOW VELOCITY OF WATER WHILE SEED ESTABLISHES.
16. QUANTITY INFORMATION IS BASED ON PLAN VIEW TOTALS.

MATCHLINE "A"



LEGEND

- SILT FENCE
DITCH CHECK BIO-ROLL
(SEE PLAN FOR TEMP. ROCK CHECK DAMS)
- TYPE D FRAMED INLET PROTECTION
- CHANNEL BOTTOM SEED MIX,
CL. 2, TYPE B ORGANIC MATTING
- SHORELINE SEED MIX,
CL. 1, URBAN TYPE B MATTING
- UPLAND MESIC PRAIRIE SEED MIX,
CL. 1, URBAN TYPE B MATTING
- SUN TERRACE SEED MIX,
CL. 1, URBAN TYPE B MATTING
- WET-MESIC PRAIRIE
CL. 1, URBAN TYPE B MATTING
- CONSTRUCTION ENTRANCE
- SEDIMENT TRAP

ITEM	BID ITEM	UNIT	QTY.
SILT FENCE	21021	LIN. FT.	9,610
DITCH CHECK	20217	LIN. FT.	775
INLET PROTECTION	21041	EACH	42
CHANNEL BOTTOM SEED MIX	90047	SQ. YD.	6,945
SHORELINE SEED MIX	90048	SQ. YD.	6,065
UPLAND MESIC PRAIRIE SEED MIX	90049	SQ. YD.	17,910
WET-MESIC PRAIRIE SEED MIX	90050	SQ. YD.	14,940
SUN TERRACE SEED MIX	20701	SQ. YD.	1,840
SEE SPEC. FOR SEED MIXES			

0708-151-0102-0 HALICK REAL
ESTATE HOLDINGS, LLC.
8310 EXCELSIOR DR.

0708-151-0404-0
1222 FOURIER, LLC
1222 FOURIER DR.

0708-151-0403-2
SPACE CENTER CDM
ASSOC. INC.
1212 FOURIER DR.

0708-151-0402-4
FOURIER DRIVE
PROPERTY GROUP, LLC.
1210 FOURIER DR.

0708-154-0203-0
8302 EXCELSIOR DR.

0708-154-0401-0
FUJIFILM CELLULAR
DYNAMICS INC.
8402 EXCELSIOR DR.

TERRACE
MAINTAINED BY CITY

MULTI-USE PATH
MAINTAINED &
PLOWED BY CITY

MULTI-USE PATH
MAINTAINED &
PLOWED BY CITY

MULTI-USE PATH
MAINTAINED &
PLOWED BY CITY

CONTRACTOR TO GRADE AND STABILIZE THIS AREA
IMMEDIATELY FOLLOWING GRADING TO AVOID EROSION
AFTER TRAIL & CULVERT REMOVAL

CONTRACTOR TO INSTALL
TEMPORARY ROCK DITCH CHECKS
PRIOR TO PERMANENT STABILIZATION
(SEE DETAIL 1.05)

ROCK DITCH CHECKS TO BE INSTALLED WITH
EVERY 2' OF DROP IN CHANNEL.
DITCH CHECKS SHALL BE STRAW OR
RED DITCH CHECKS.

4-0201-4
HEALTH
COOPERATIVE OF
SOUTH CENTRAL WIS.
8202 EXCELSIOR DR.

MATCHLINE "B"

14370

MADISON, WI

PHEASANT BRANCH GREENWAY ENHANCEMENT



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MN2

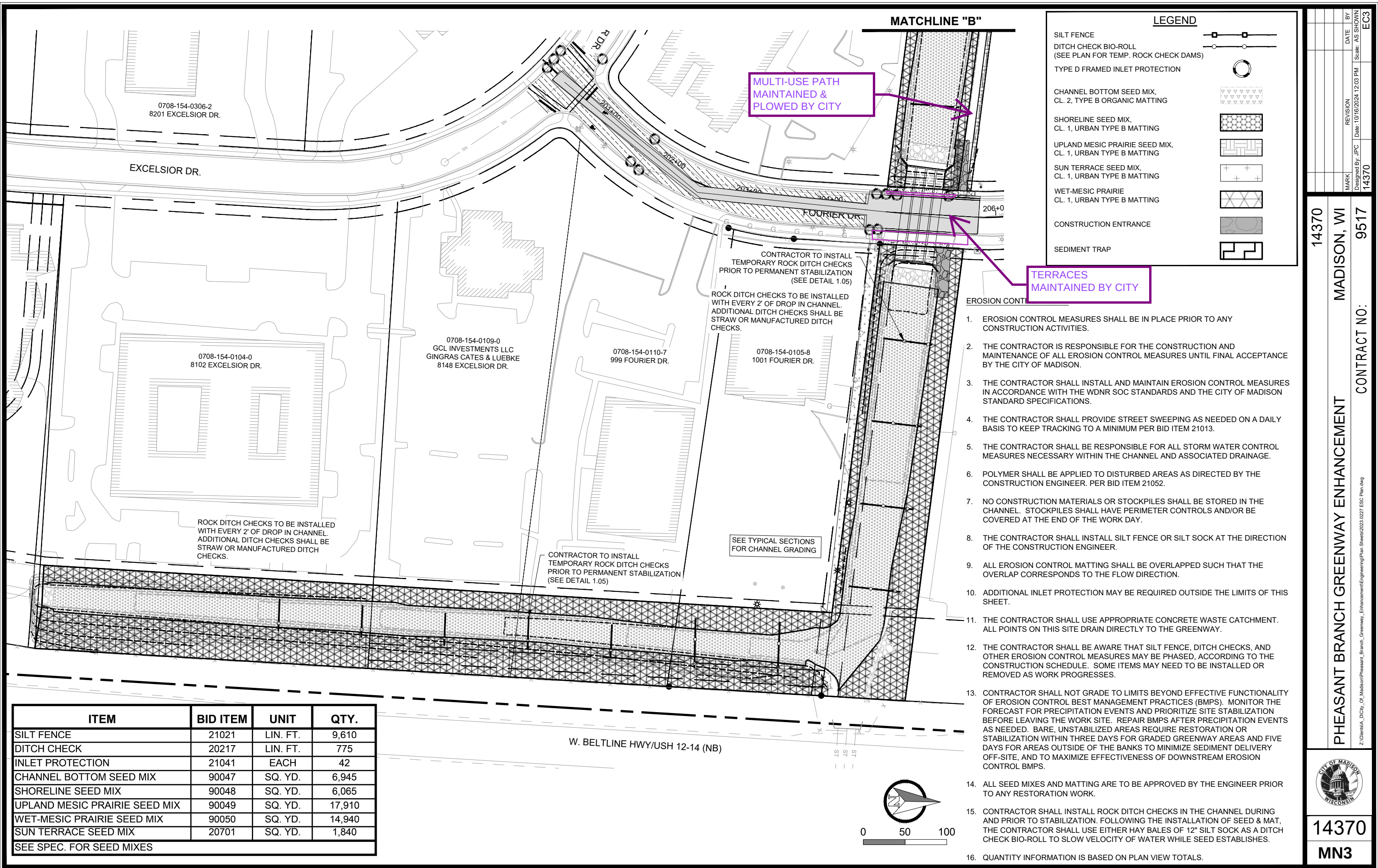
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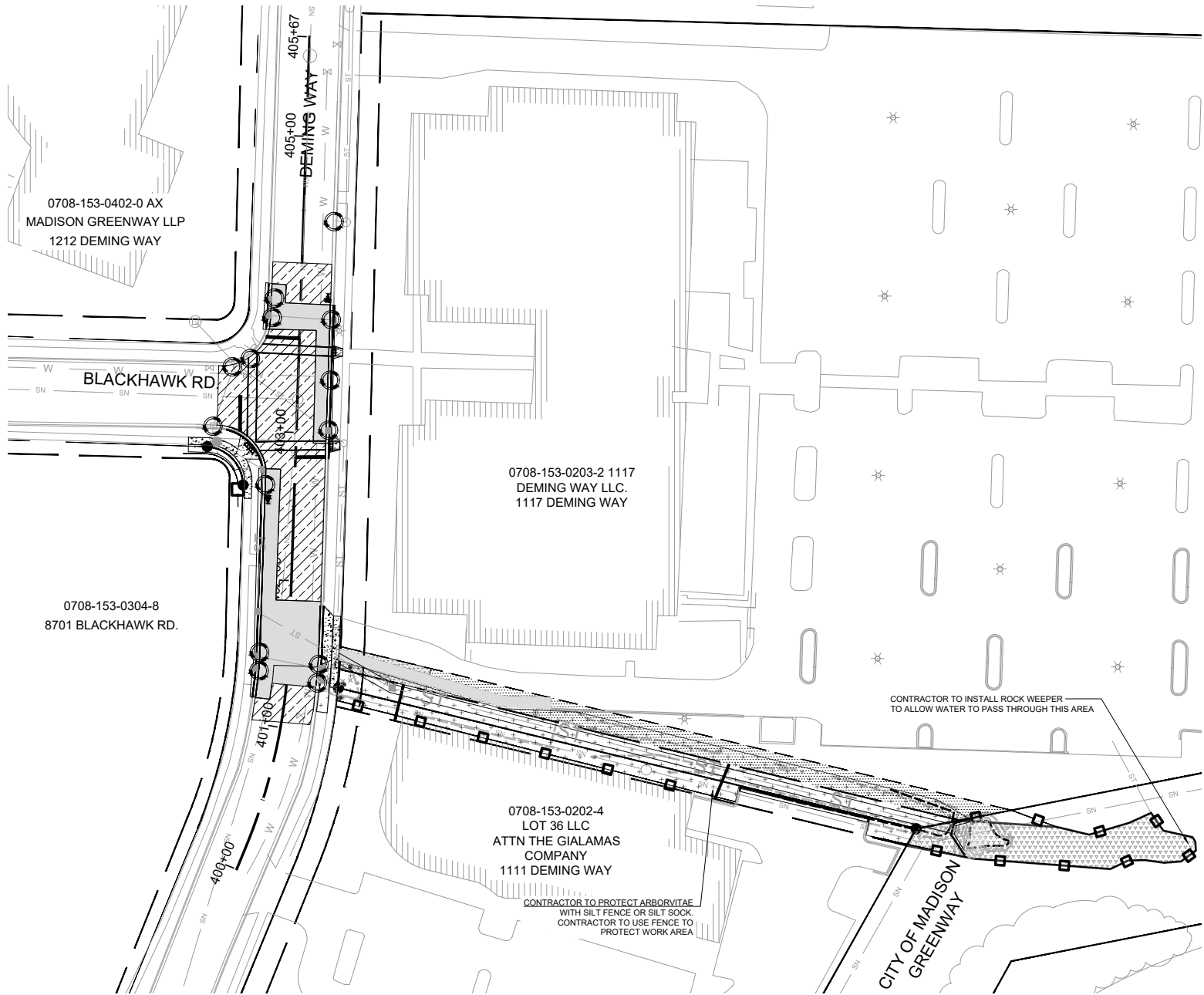
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Date: 10/16/2024 12:03 PM
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DATE
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ITEM	BID ITEM	UNIT	QTY.
SILT FENCE	21021	LIN. FT.	9,610
DITCH CHECK	20217	LIN. FT.	775
INLET PROTECTION	21041	EACH	42
CHANNEL BOTTOM SEED MIX	90047	SQ. YD.	6,945
SHORELINE SEED MIX	90048	SQ. YD.	6,065
UPLAND MESIC PRAIRIE SEED MIX	90049	SQ. YD.	17,910
WET-MESIC PRAIRIE SEED MIX	90050	SQ. YD.	14,940
SUN TERRACE SEED MIX	20701	SQ. YD.	1,840
SEE SPEC. FOR SEED MIXES			



LEGEND

SILT FENCE

DITCH CHECK BIO-ROLL
(SEE PLAN FOR TEMP. ROCK CHECK DAMS)

TYPE D FRAMED INLET PROTECTION

CHANNEL BOTTOM SEED MIX,
CL. 2, TYPE B ORGANIC MATTING

SHORELINE SEED MIX,
CL. 1, URBAN TYPE B MATTING

UPLAND MESIC PRAIRIE SEED MIX,
CL. 1, URBAN TYPE B MATTING

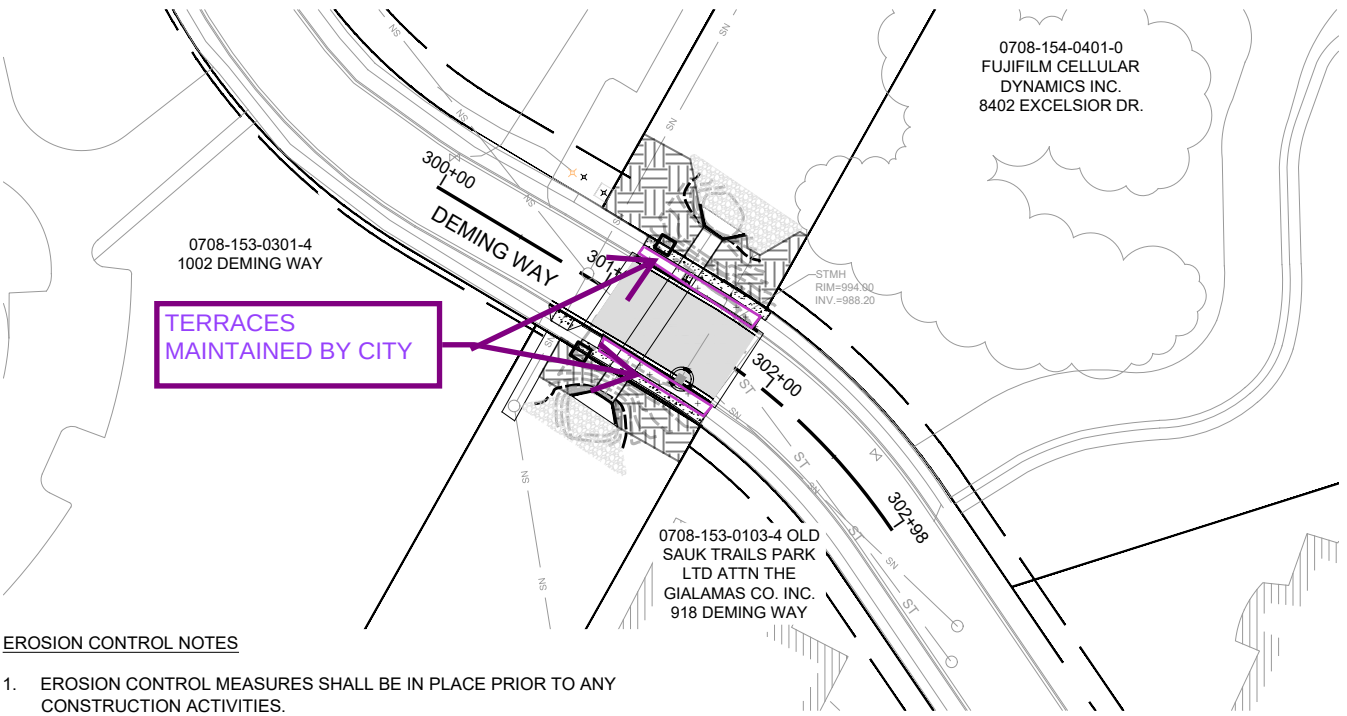
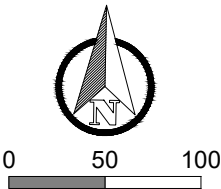
SUN TERRACE SEED MIX,
CL. 1, URBAN TYPE B MATTING

WET-MESIC PRAIRIE
CL. 1, URBAN TYPE B MATTING

CONSTRUCTION ENTRANCE

SEDIMENT TRAP

ITEM	BID ITEM	UNIT	QTY.
SILT FENCE	21021	LIN. FT.	9,610
DITCH CHECK	20217	LIN. FT.	775
INLET PROTECTION	21041	EACH	42
CHANNEL BOTTOM SEED MIX	90047	SQ. YD.	6,945
SHORELINE SEED MIX	90048	SQ. YD.	6,065
UPLAND MESIC PRAIRIE SEED MIX	90049	SQ. YD.	17,910
WET-MESIC PRAIRIE SEED MIX	90050	SQ. YD.	14,940
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SEE SPEC. FOR SEED MIXES			



EROSION CONTROL NOTES

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- QUANTITY INFORMATION IS BASED ON PLAN VIEW TOTALS.

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MADISON, WI

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CONTRACT NO:

PHEASANT BRANCH GREENWAY ENHANCEMENT

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