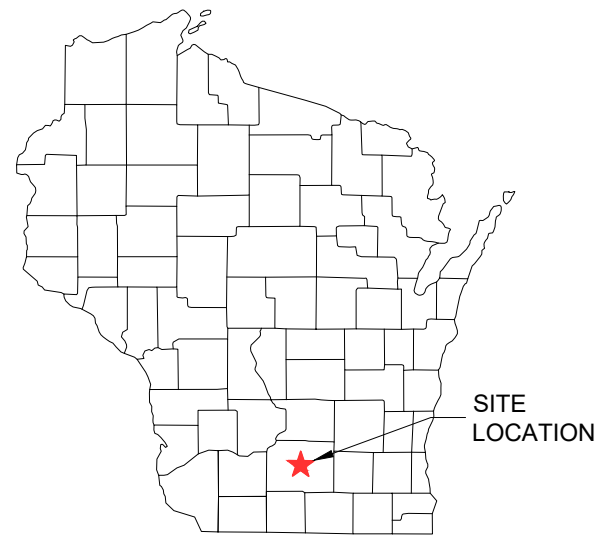


Madison, Wisconsin

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SHEET NO.	D4	GENERAL LAYOUT
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SHEET NO.	X1-X48	CROSS SECTIONS
SHEET NO.	MN1-MN4	MAINTENANCE SHEETS



LOCATION MAP  
NOT TO SCALE

# 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



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%

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.

PUBLIC IMPROVEMENT PROJECT  
APPROVED

APPROVED DATE  
SEPTEMBER 13, 2024

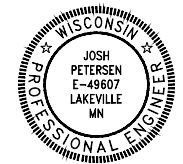
BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

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

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

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

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

LIGHTING  
DESIGNED BY:



Oct 18, 2024

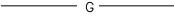




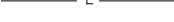





Corporate Office:  
1 Main Street SE, Suite 300  
Minneapolis, Minnesota 55414  
(612) 746-3660


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

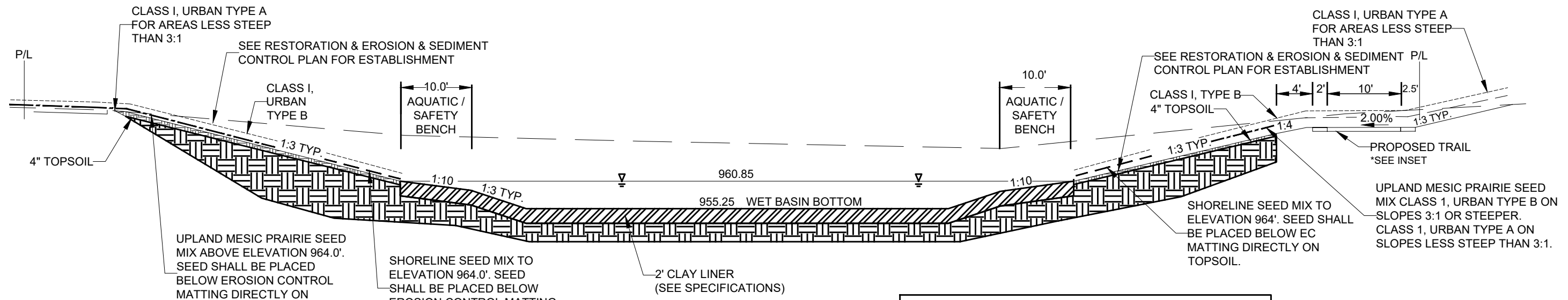
**STANDARDS NOTES:**

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	
STORM SEWER	
SANITARY SEWER	
WATER	
BURIED ELECTRIC	
OVERHEAD ELECTRIC	
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

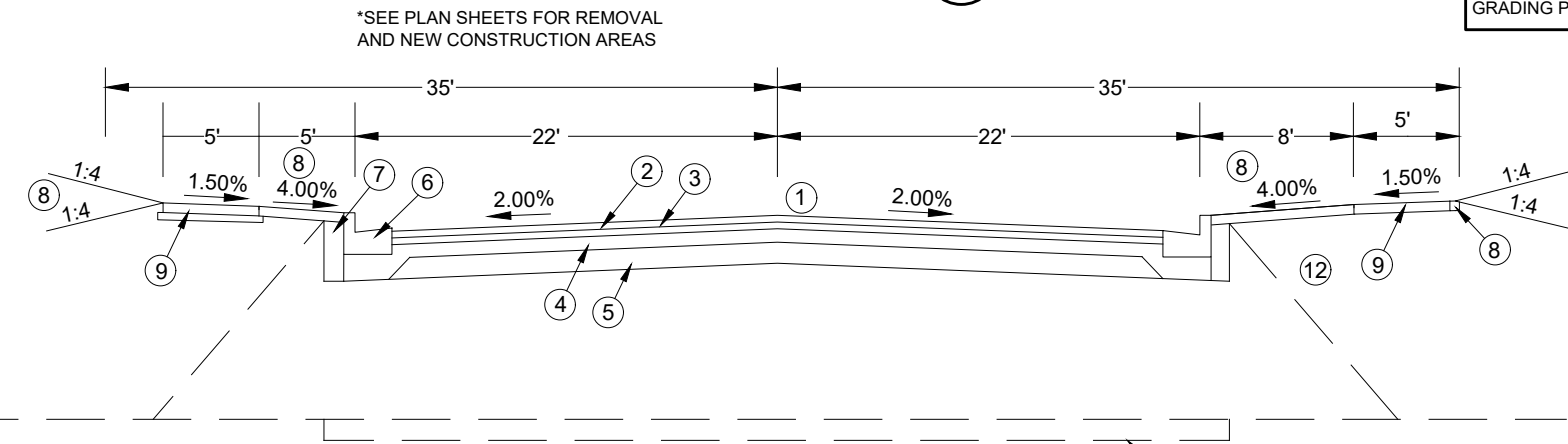
CITY OF MADISON-STANDARD	
NO.	DESCRIPTION
1.05	CLEAR STONE BERM FOR EROSION CONTROL
1.07	CONSTRUCTION ENTRANCE
1.11	RIGID FRAME INLET PROTECTION
3.03	STANDARD CURB RAMPS TYPES 1 AND 2
3.06	MADISON STANDARD CONCRETE CURB & GUTTER
4.06	PAVEMENT DESIGN CRITERIA
4.08	TYPICAL SECTION BIKE PATH
5.1.4	SAS ACCESS 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

<p>STANDARD NOTES</p> <p>PHEASANT BRANCH GREENWAY ENHANCEMENT</p> 	<p>14370</p> <p>MADISON, WI</p> <p>9517</p>	<p>REVISION</p> <p>DATE</p> <p>BY</p>
	<p>14370</p> <p>D1</p>	<p>MARK</p> <p>DESIGNED BY: JPC</p> <p>DATE: 10/16/2024</p> <p>SCALE: NO SCALE</p>

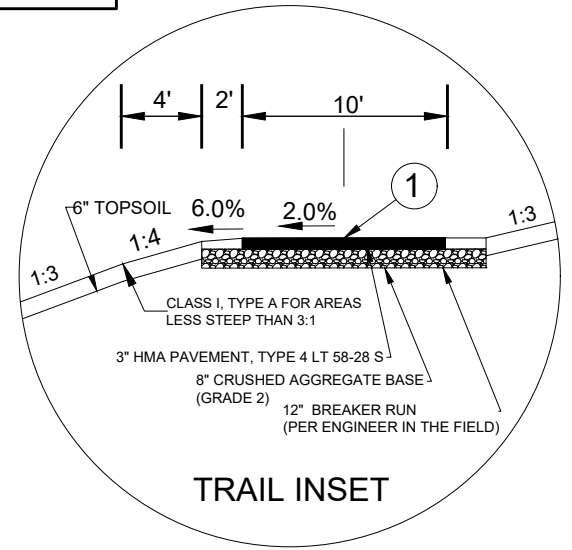


**D-1** TYPICAL SECTION - WET POND  
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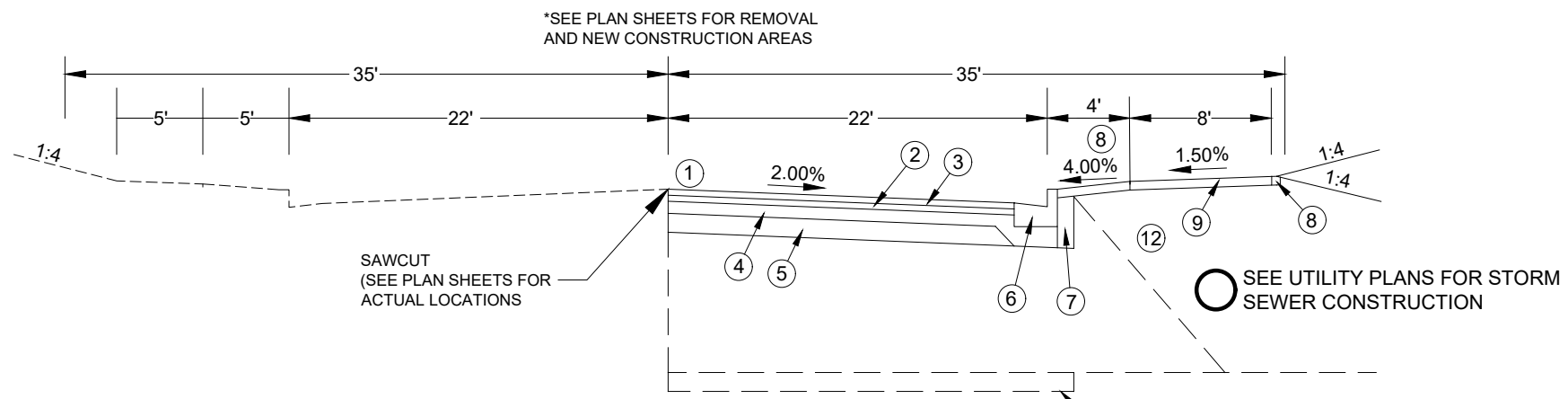
THE TYPICAL SECTIONS SHOWN ON THIS PAGE ARE DETAILED CROSS-SECTIONAL DRAWINGS THAT REPRESENT THE STANDARD DESIGN ELEMENTS OF THE PROJECT. IT INCLUDES LANE WIDTHS, BOULEVARD WIDTHS, PAVEMENT LAYERS, SLOPES AND SLOPE WIDTHS, ETC.. SEE ACTUAL GRADING PLAN AND CROSS SECTION PLANS FOR ACTUAL SECTION DETAIL.



**D-2** TYPICAL SECTION - DEMING WAY (NORTH OF GREENWAY)  
NOT TO SCALE  
STA. 102+03 TO 109+00

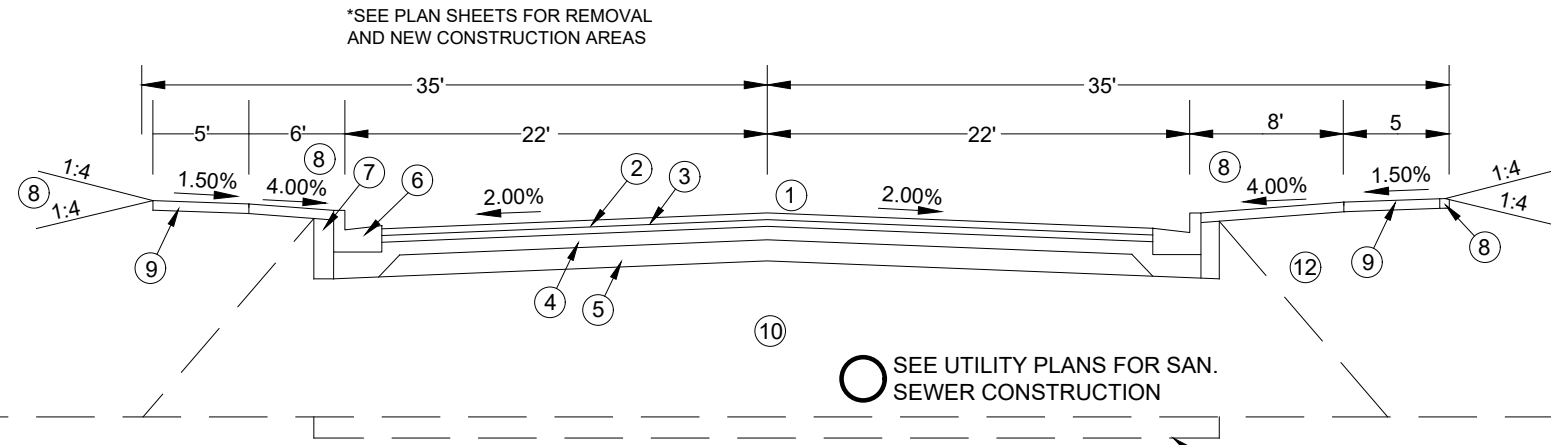


TRAIL INSET  
\*SEE CITY DETAIL PLATE 4.08



**D-3** TYPICAL SECTION - DEMING WAY (WEST OF GREENWAY AT BLACKHAWK)  
NOT TO SCALE  
STA. 601+16 TO 604+53

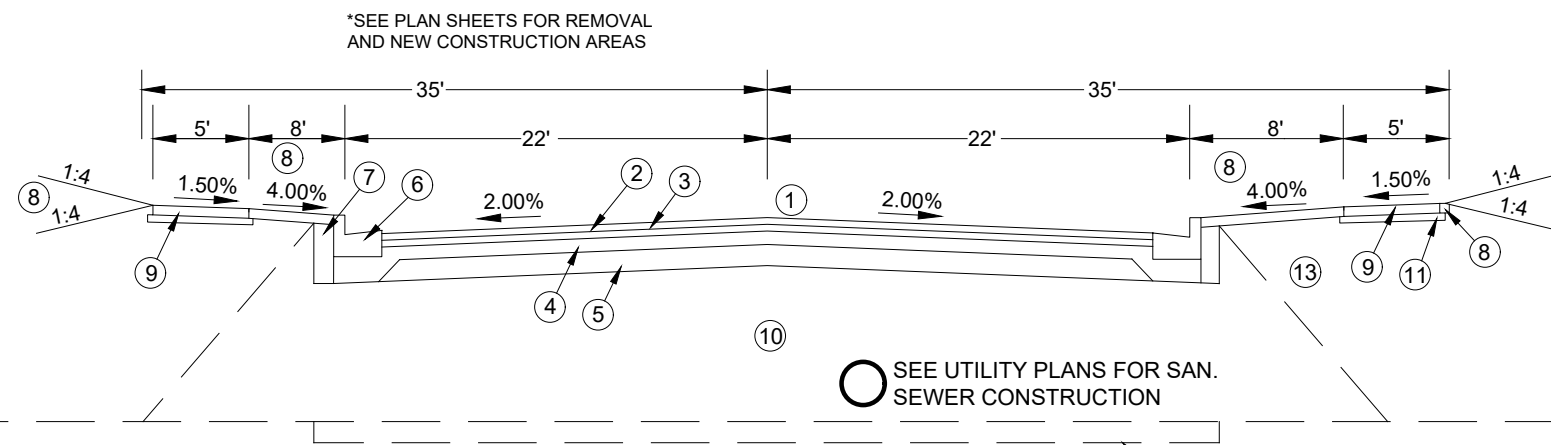
- ① PROFILE ELEVATION
- ② 2" HMA PAVEMENT, TYPE 4 LT 58-28 S (UPPER LAYER)
- ③ 2.5" HMA PAVEMENT, TYPE 3 LT 58-28 S (LOWER LAYER)
- ④ 6" GRADATION 2 CRUSHED AGG. BASE (UPPER LAYER)
- ⑤ 6" GRADATION 1 CRUSHED AGG. BASE (LOWER LAYER)
- ⑥ CONCRETE CURB & GUTTER TYPE A
- ⑦ FILL INCIDENTAL TO CURB & GUTTER 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



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

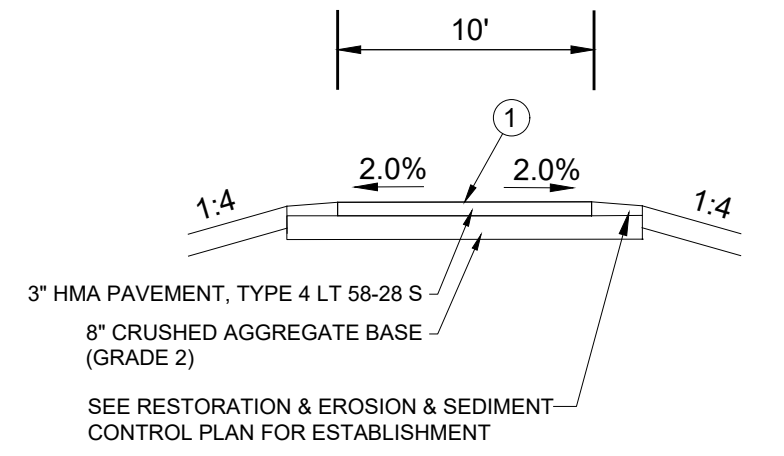
THE TYPICAL SECTIONS SHOWN ON THIS PAGE ARE DETAILED CROSS-SECTIONAL DRAWINGS THAT REPRESENT THE STANDARD DESIGN ELEMENTS OF THE PROJECT. IT INCLUDES LANE WIDTHS, BOULEVARD WIDTHS, PAVEMENT LAYERS, SLOPES AND SLOPE WIDTHS, ETC. SEE ACTUAL GRADING PLAN AND CROSS SECTION PLANS FOR ACTUAL SECTION DETAIL.

- 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 BLANKET
- ⑨ 5" CONC. WALK
- ⑩ SELECT FILL UNDER STREET, DEPTH VARIES, 2" UNDER SIDEWALK
- ⑪ GEOSYNTHETIC REINFORCEMENT FABRIC AS NEEDED
- ⑫ FILL BORROW

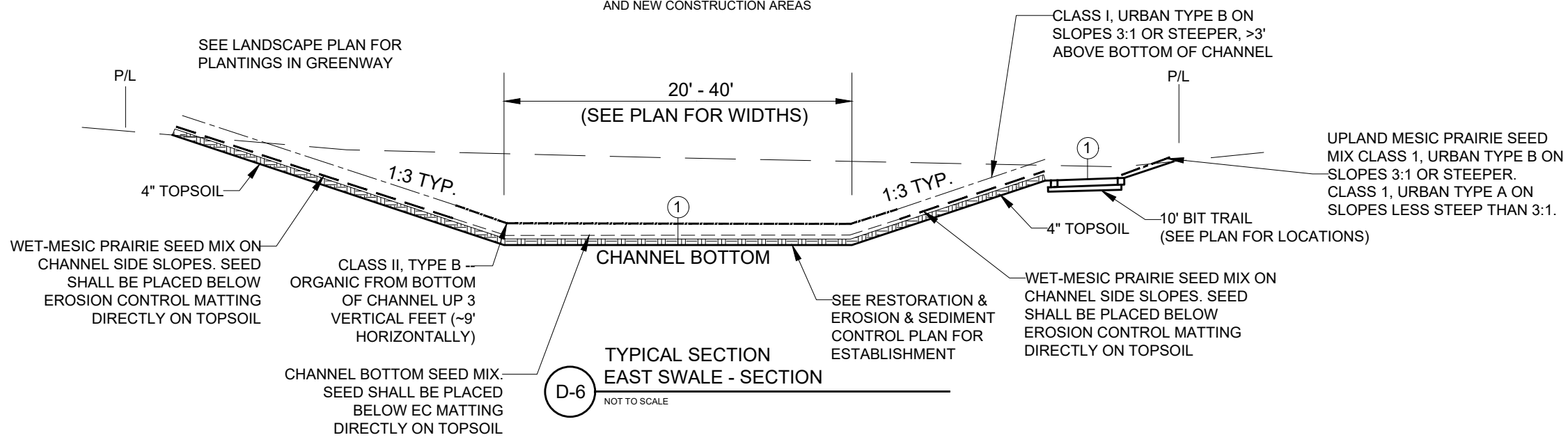


**D-5** TYPICAL SECTION - DEMING WAY (S.W. OF GREENWAY)  
 NOT TO SCALE  
 STA. 301+07 TO 301+79

\*SEE PLAN SHEETS FOR REMOVAL AND NEW CONSTRUCTION AREAS



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





0 150 300

DEMING WAY	
GRADING PLAN	SHEET GI2
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P1
UTILITY CONSTRUCTION PLAN	SHEET U4
EROSION & SEDIMENT CONTROL PLAN	SHEET EC1

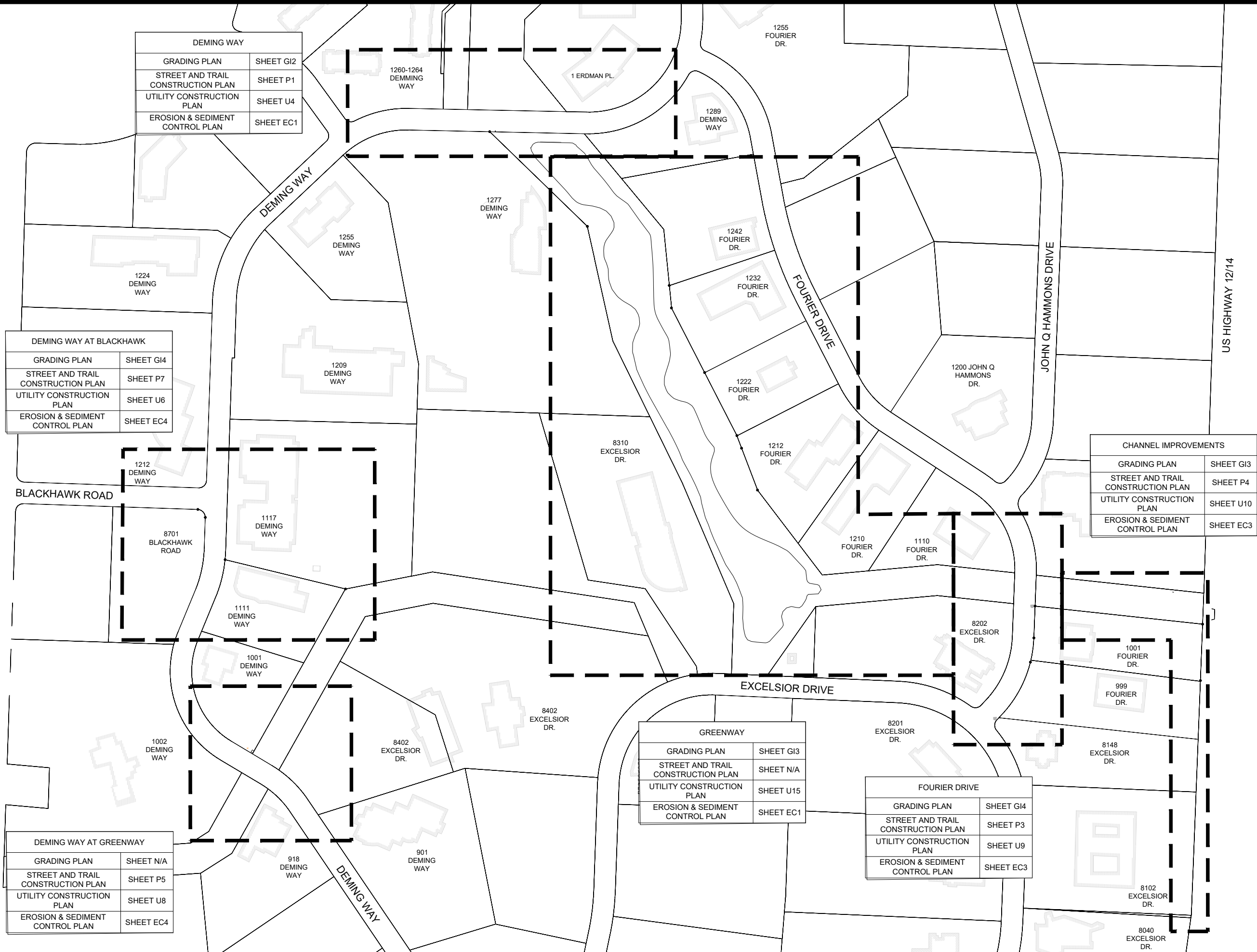
DEMING WAY AT BLACKHAWK	
GRADING PLAN	SHEET GI4
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P7
UTILITY CONSTRUCTION PLAN	SHEET U6
EROSION & SEDIMENT CONTROL PLAN	SHEET EC4

CHANNEL IMPROVEMENTS	
GRADING PLAN	SHEET GI3
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P4
UTILITY CONSTRUCTION PLAN	SHEET U10
EROSION & SEDIMENT CONTROL PLAN	SHEET EC3

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


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 GI4
STREET AND TRAIL CONSTRUCTION PLAN	SHEET P3
UTILITY CONSTRUCTION PLAN	SHEET U9
EROSION & SEDIMENT CONTROL PLAN	SHEET EC3



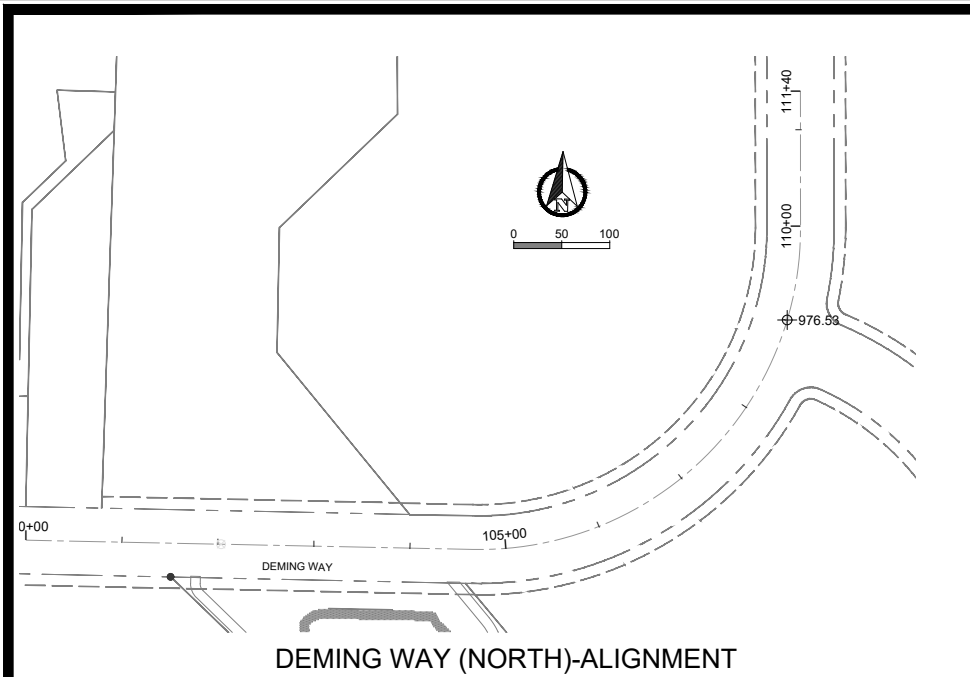
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14370	Designed By: JPC	Date: 10/16/2024 12:00 PM	Scale: AS SHOWN

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

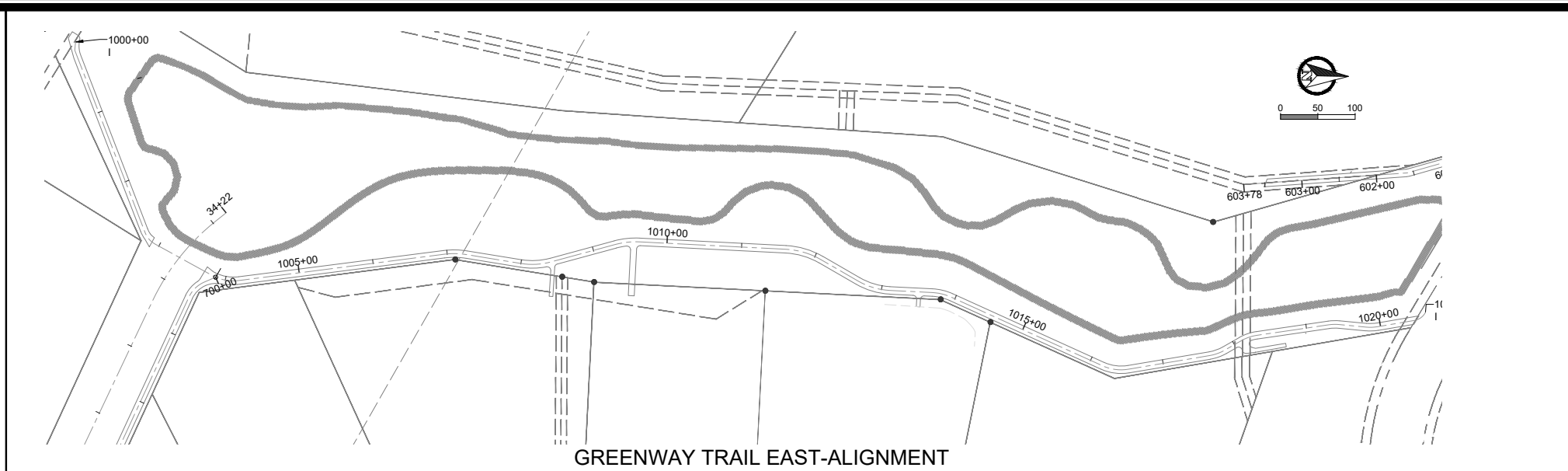


14370  
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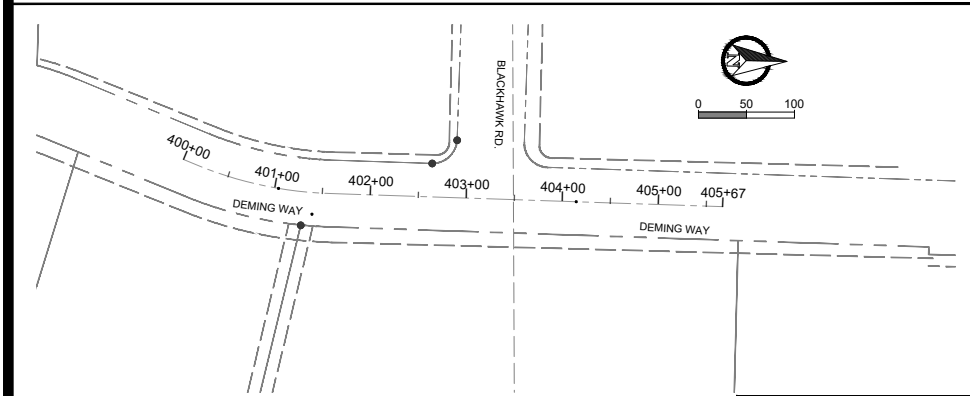
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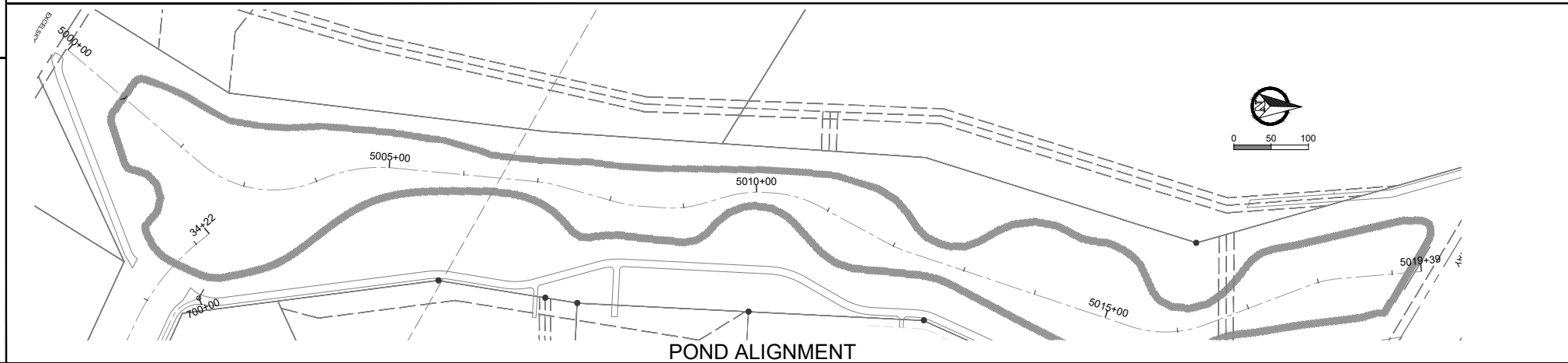
DEMING WAY (NORTH)-ALIGNMENT



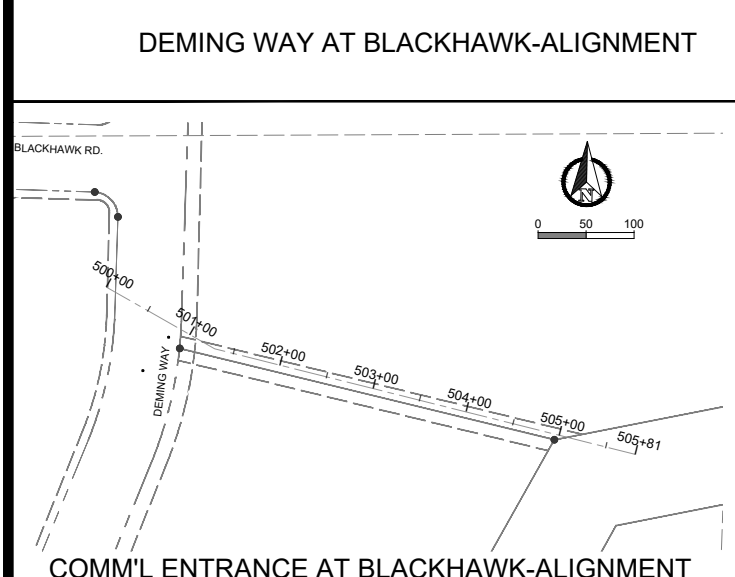
GREENWAY TRAIL EAST-ALIGNMENT



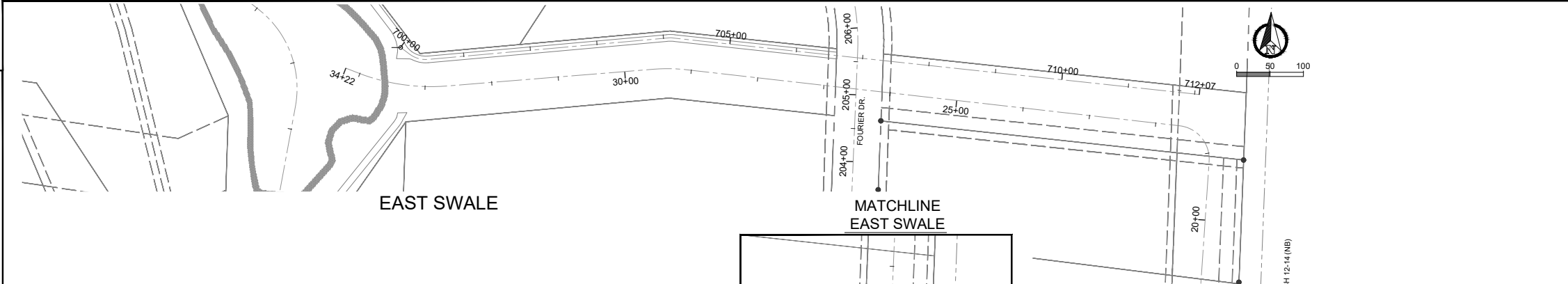
DEMING WAY AT BLACKHAWK-ALIGNMENT



POND ALIGNMENT

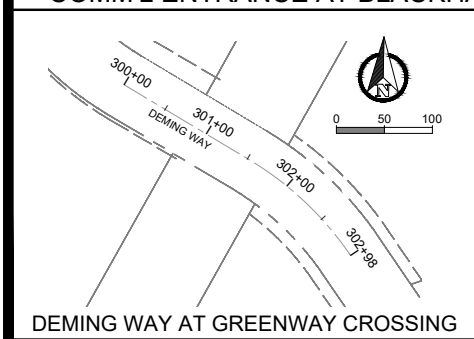


COMM'L ENTRANCE AT BLACKHAWK-ALIGNMENT

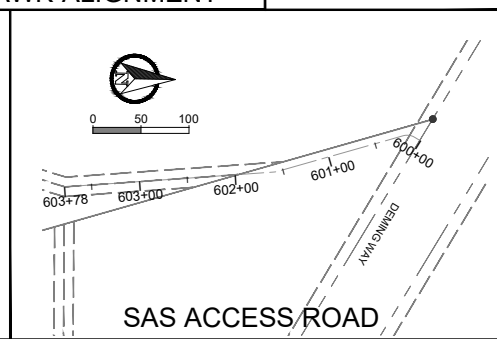


EAST SWALE

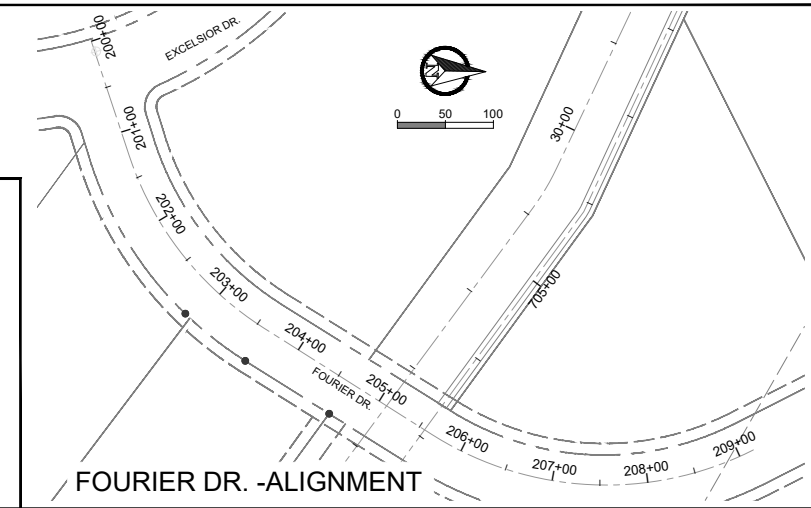
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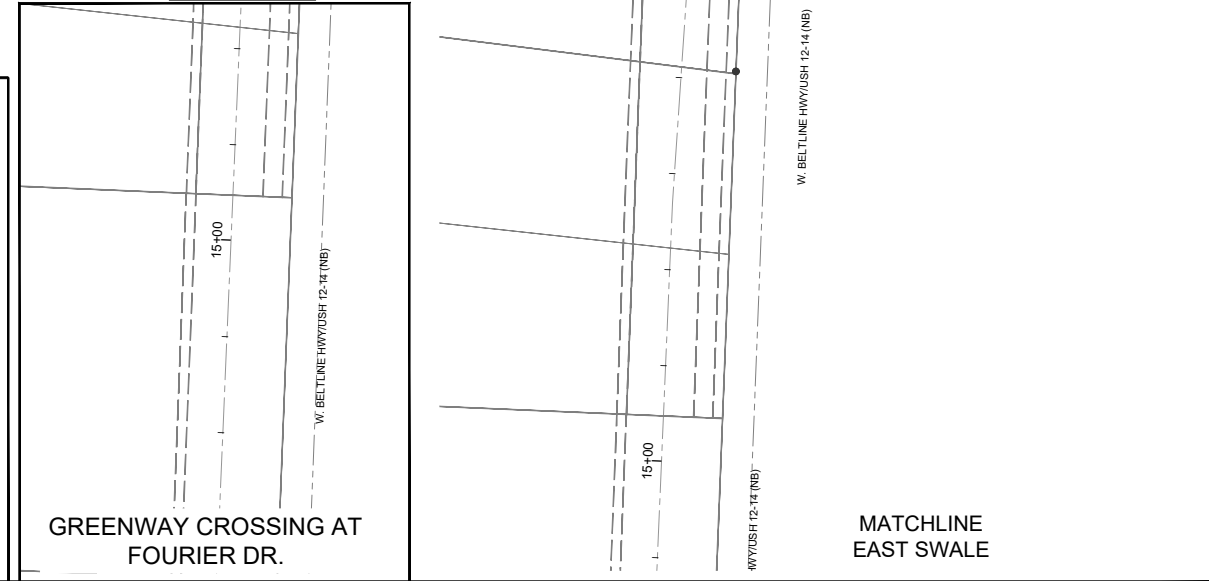
DEMING WAY AT GREENWAY CROSSING



SAS ACCESS ROAD



FOURIER DR. -ALIGNMENT



GREENWAY CROSSING AT FOURIER DR.

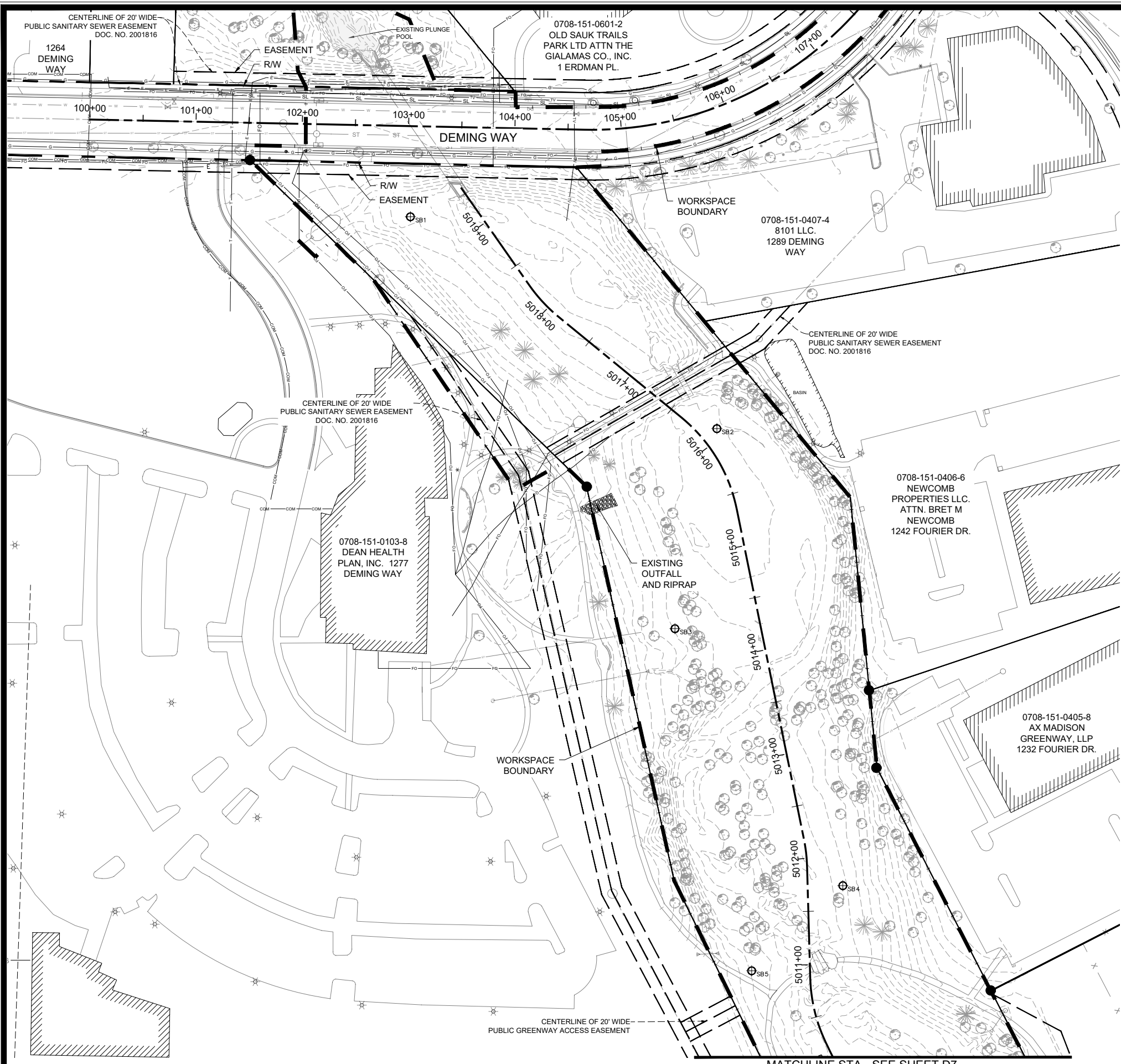
MATCHLINE EAST SWALE

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14370			D5

ALIGNMENT OVERVIEW  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO: 9517



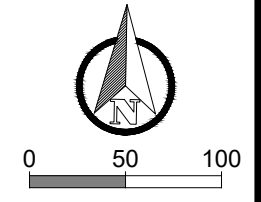
14370  
 D5



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

**EXISTING SURVEY NOTES:**

1. 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.
2. 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.
3. SEE GEOTECHNICAL REPORT FOR SOIL BORING INFORMATION.



MATCHLINE STA - SEE SHEET D7

MARK	REVISION	DATE	BY
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14370		12:01 PM	AS SHOWN

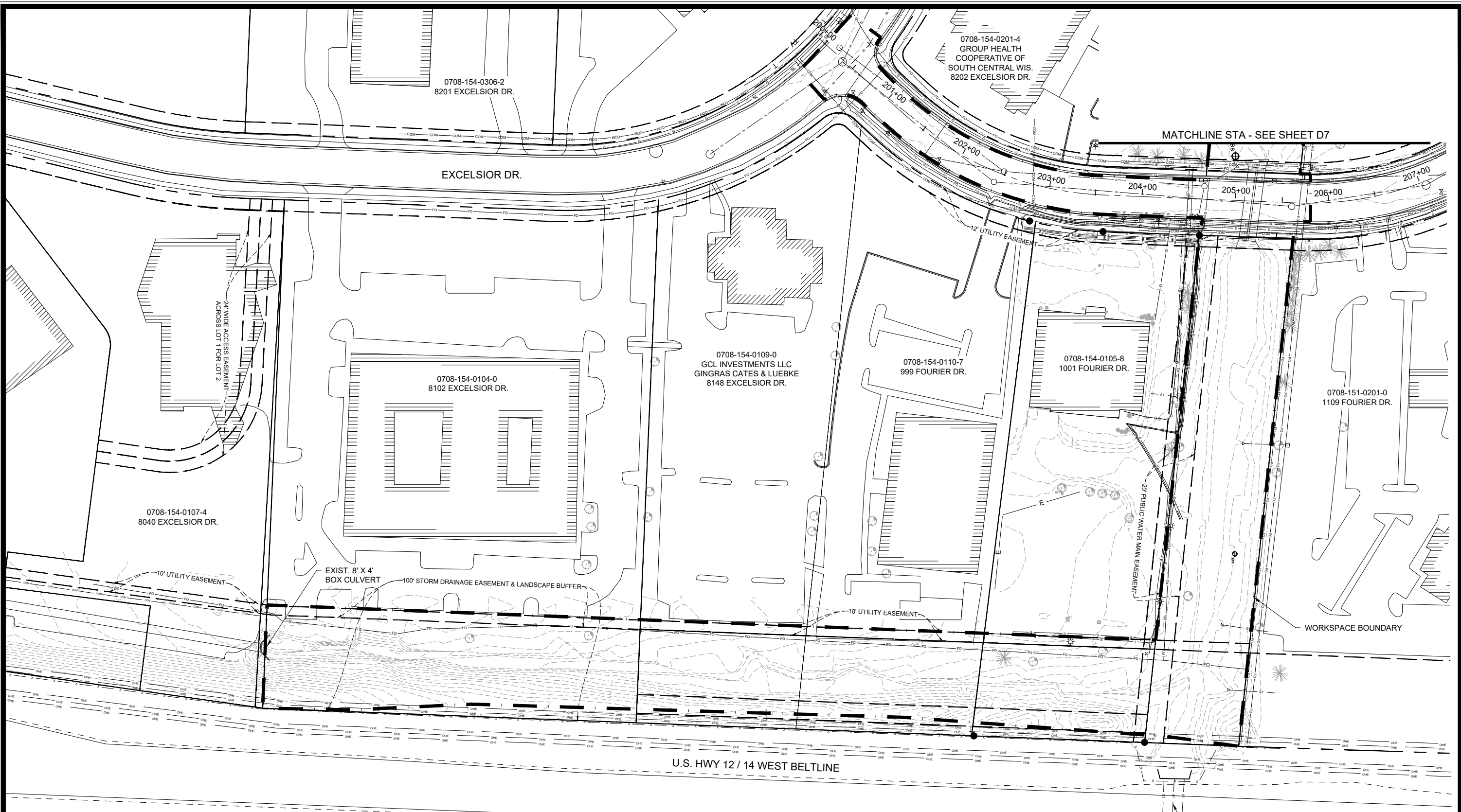
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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



14370  
D6

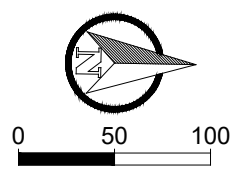






- EXISTING SURVEY NOTES:**
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  - THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY SURVEY INFORMATION PRIOR TO AND DURING CONSTRUCTION OF SITE PLAN. CONTACT THE ENGINEER IN THE EVENT OF ANY DISCREPANCY.

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



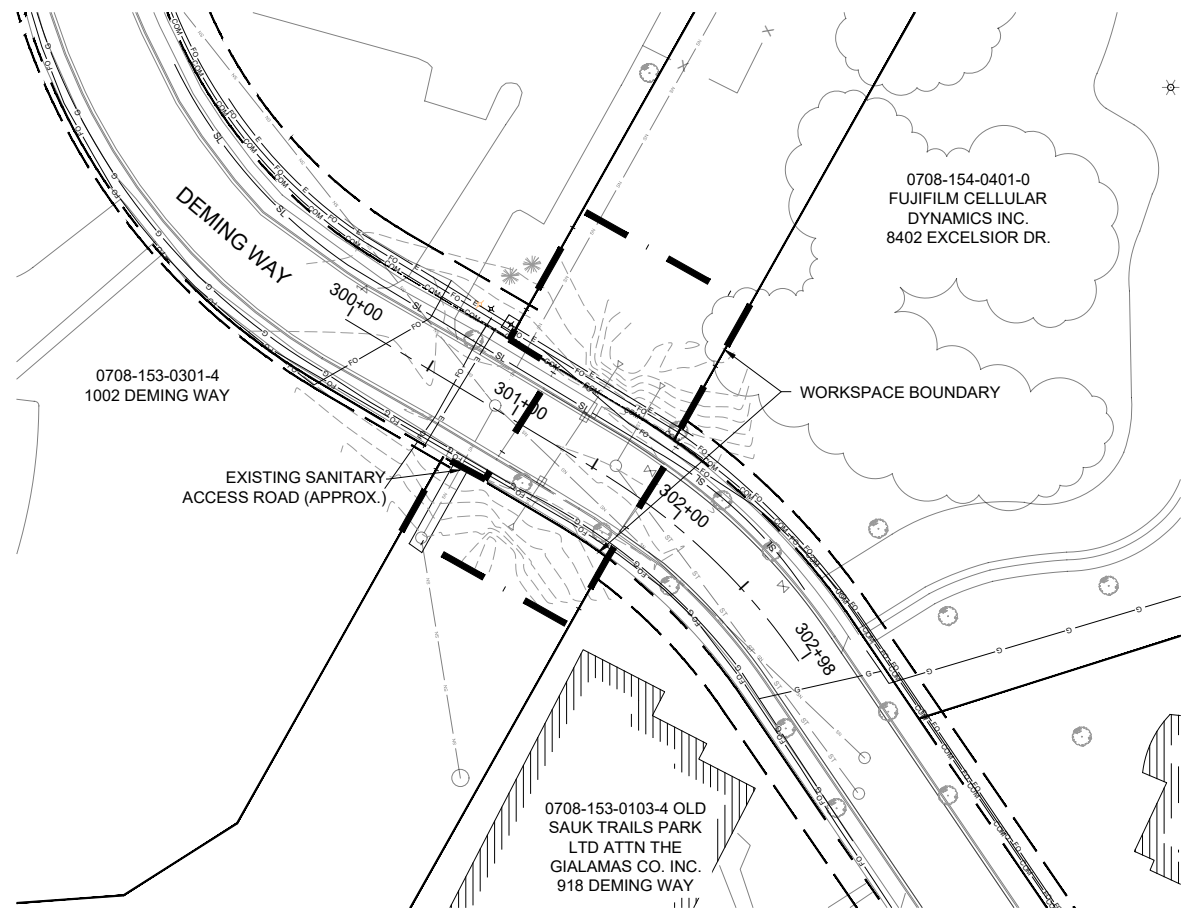
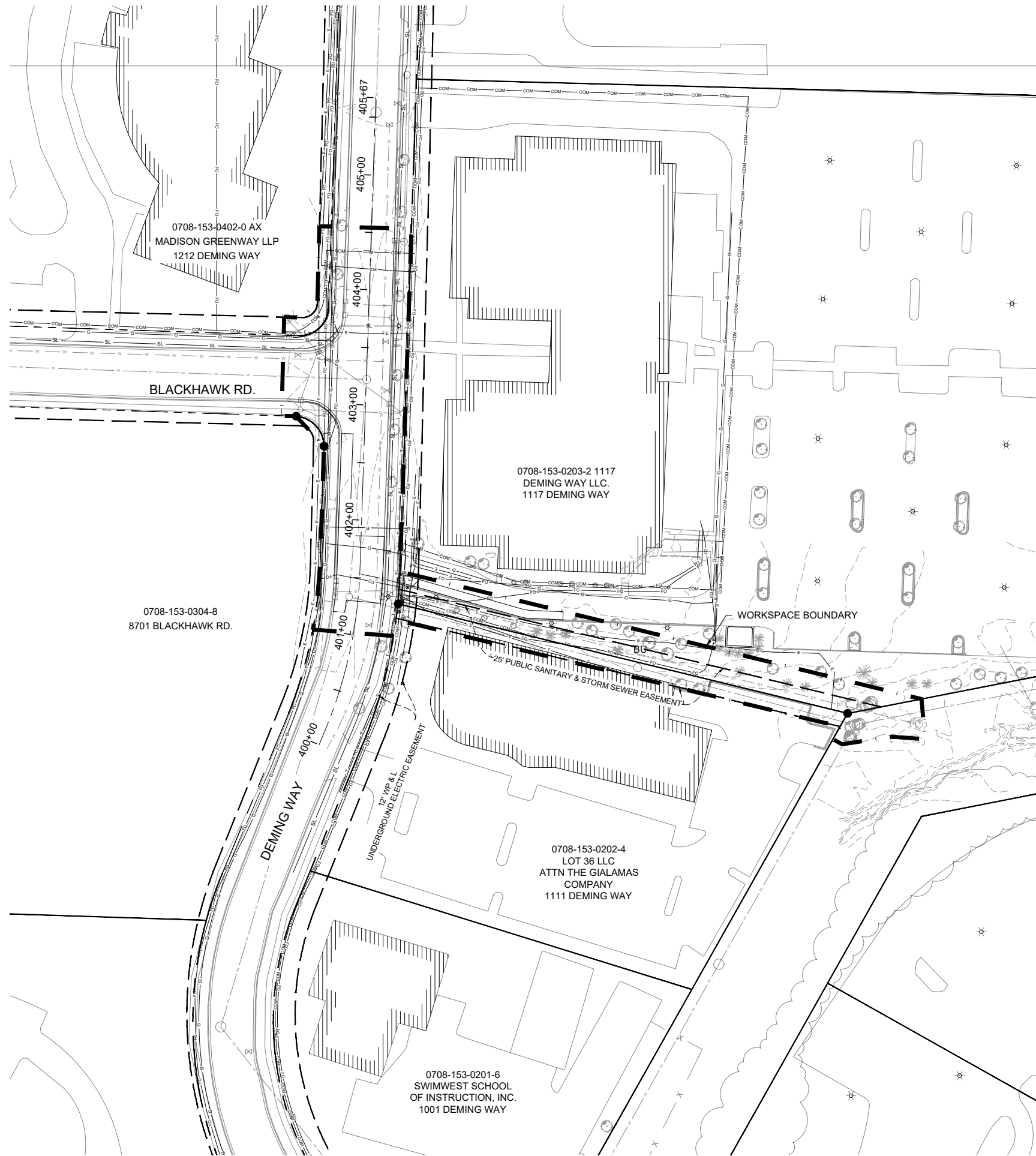
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MARK	REVISION	DATE	BY
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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO.: 9517



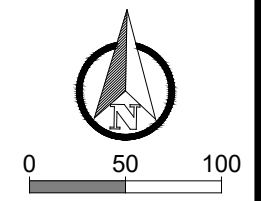
14370  
 D8



LEGEND			
---	EXISTING CONTOURS	●	PROPERTY IRON FOUND
ST	EXISTING STORM SEWER	---	PROPERTY LINE
SAW	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	⊕ SB	SOIL BORING
⊙	EXISTING TREE		

**EXISTING SURVEY NOTES:**

1. 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.
2. 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.
3. SEE GEOTECHNICAL REPORT FOR SOIL BORING INFORMATION.

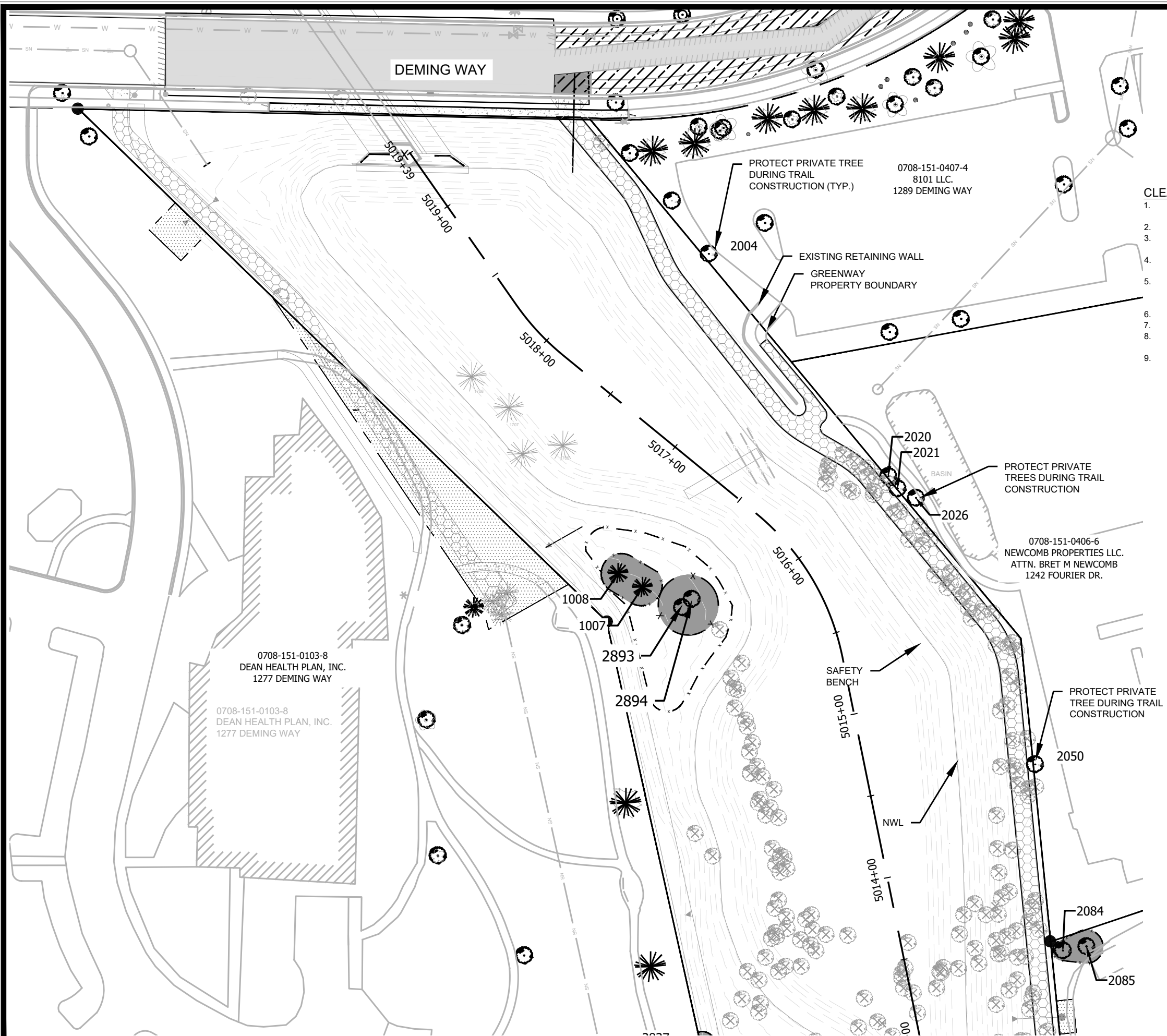


MARK	REVISION	DATE	BY
14370	Designed By: JPC	10/16/2024 12:02 PM	AS SHOWN
14370			D9

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

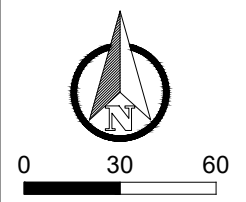
14370  
 D9

Z:\Client\A\_D\City\_of\_Madison\Phaseant\_Branch\_Greenway\_Enhancement\Engineering\Plan\_Sheets\2023.0227\_Estis\_Contr.dwg



**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
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

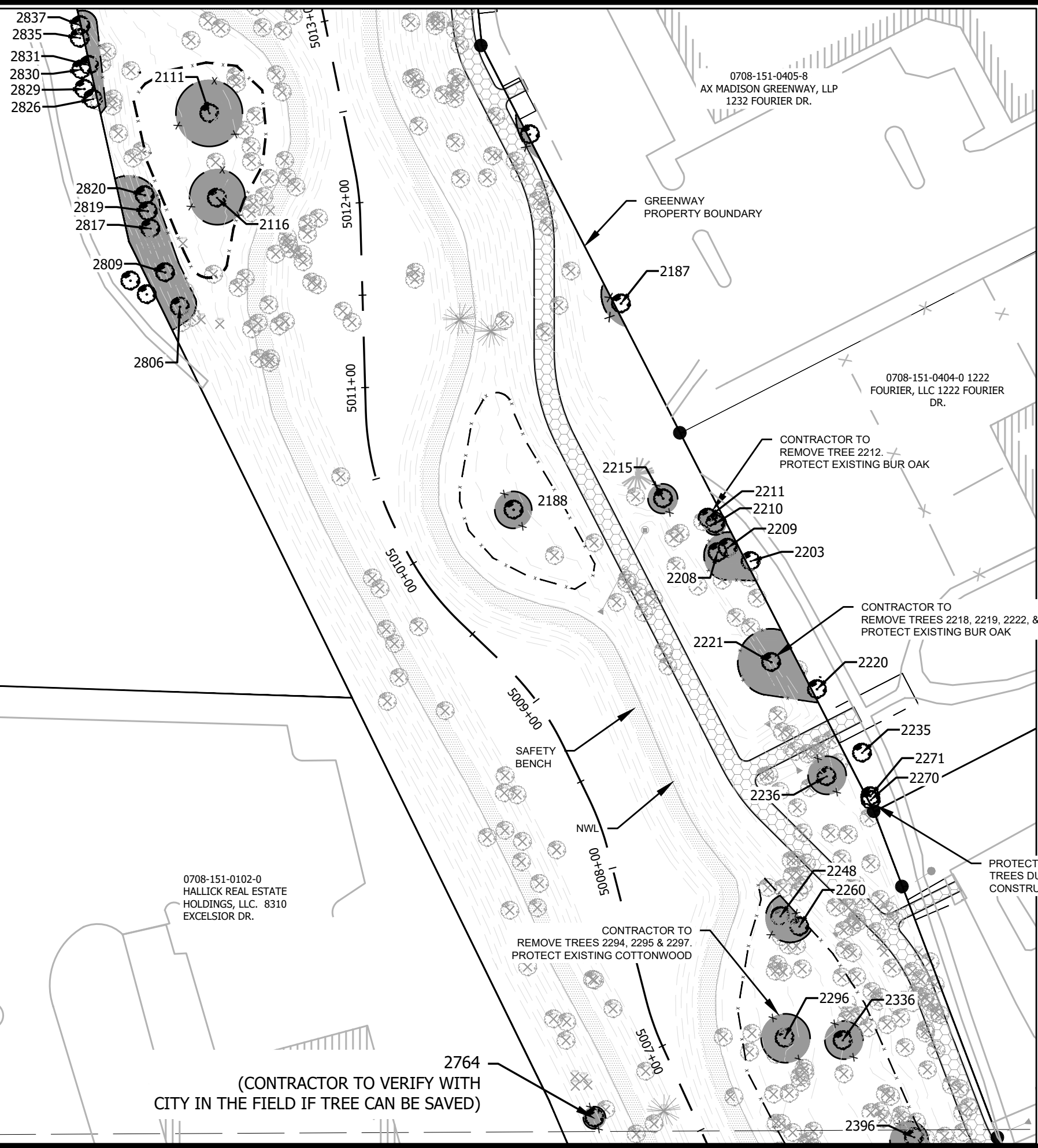
REVISION	DATE	BY

MARK  
Designed By: JPC  
Scale: AS SHOWN  
14370

14370  
MADISON, WI  
9517  
CONTRACT NO:

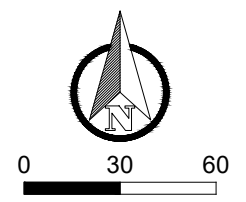


14370  
D10



**LEGEND**

- SAVE EXISTING TREE
- REMOVE EXISTING TREE
- TREE FENCE PROTECTION AREA
- TREE FENCE



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0708-151-0103-8  
DEAN HEALTH PLAN, INC.  
1277 DEMING WAY

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

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

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

2764  
(CONTRACTOR TO VERIFY WITH  
CITY IN THE FIELD IF TREE CAN BE SAVED)

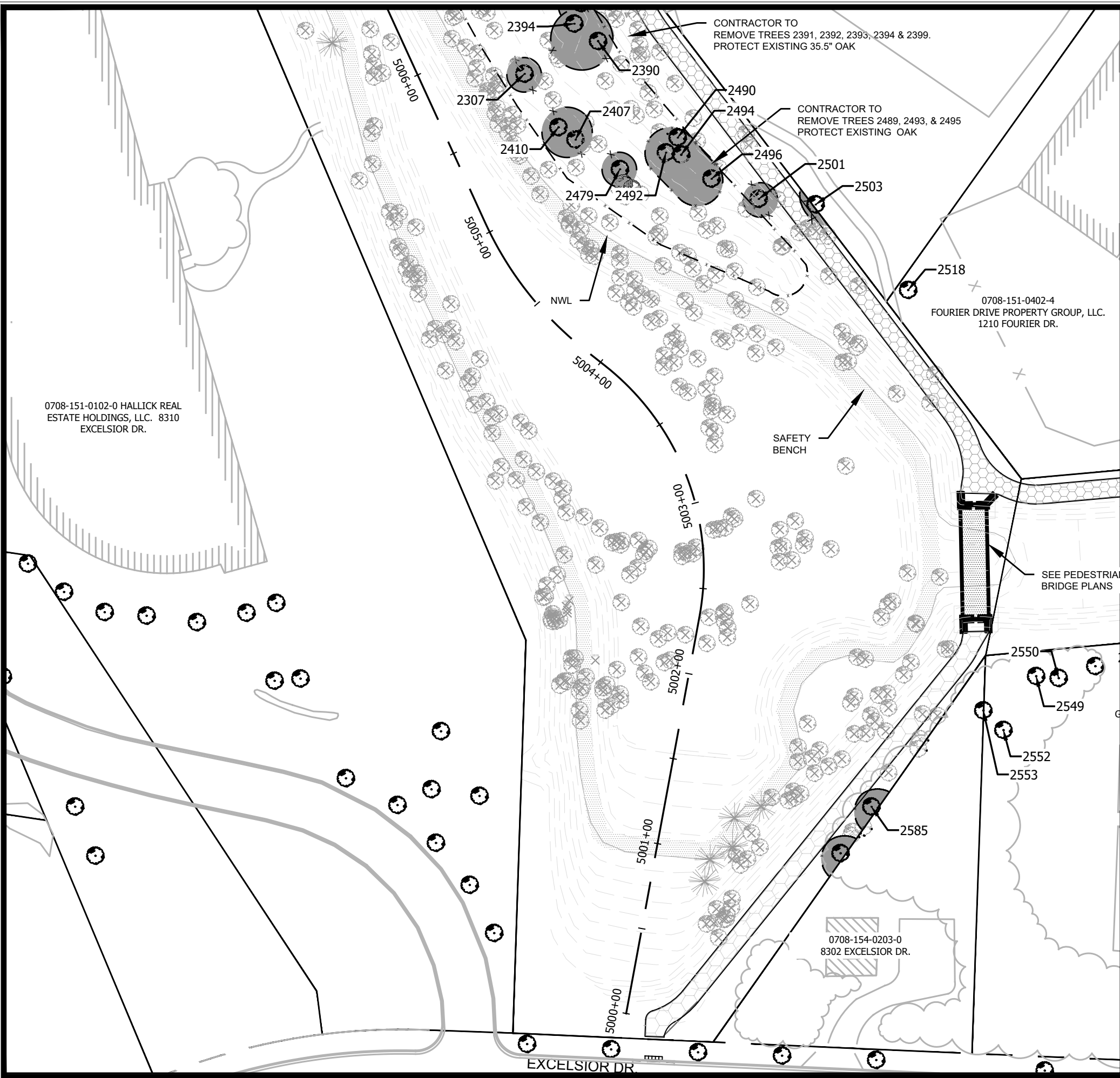
REVISION	DATE	BY

MARK  
Designed By: JPC  
Scale: AS SHOWN  
14370  
D11

14370  
MADISON, WI  
9517  
CONTRACT NO:

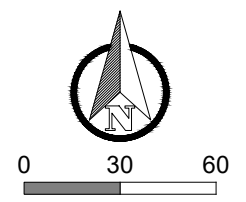


14370  
D11



**LEGEND**

- SAVE EXISTING TREE
- REMOVE EXISTING TREE
- TREE FENCE PROTECTION AREA
- TREE FENCE



**CLEARING NOTES:**

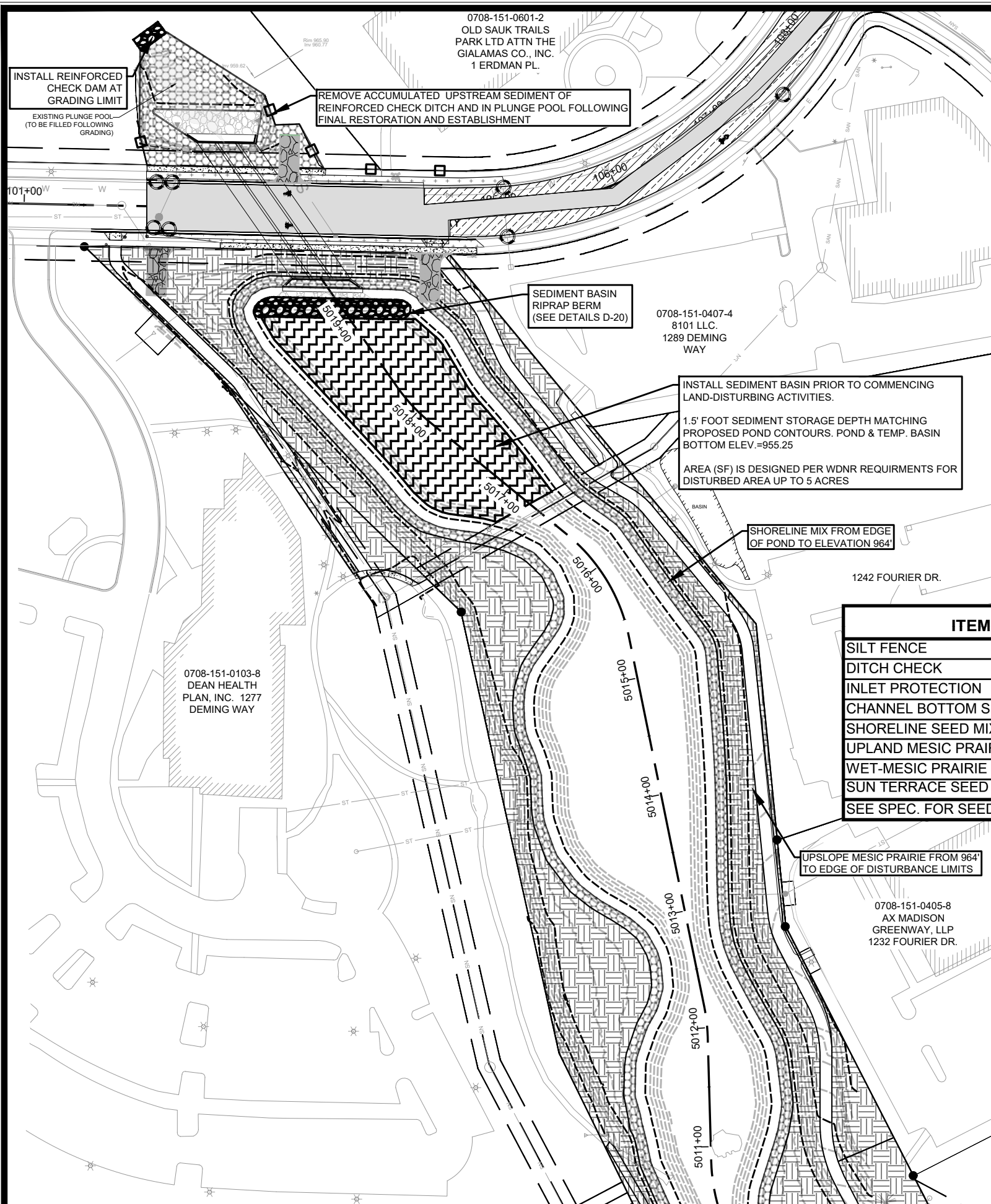
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2894	22	COTTON WOOD

	<b>14370</b> <b>D12</b>	<b>14370</b> <b>9517</b>	<b>14370</b> <b>MADISON, WI</b> <b>9517</b> <b>CONTRACT NO:</b>
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TREE PRESERVATION & CLEARING PLAN - CITY GREENWAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 Z:\ClientA\_DCity\_of\_Madison\Phaseant\_Branch\_Greenway\_Enhancement\EngineeringPlan\_Sheet\2023.0227\_Clearing\_Plan.dwg



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

REMOVE ACCUMULATED UPSTREAM SEDIMENT OF  
REINFORCED CHECK DITCH AND IN PLUNGE POOL FOLLOWING  
FINAL RESTORATION AND ESTABLISHMENT

INSTALL REINFORCED  
CHECK DAM AT  
GRADING LIMIT  
EXISTING PLUNGE POOL  
(TO BE FILLED FOLLOWING  
GRADING)

SEDIMENT BASIN  
RIPRAP BERM  
(SEE DETAILS D-20)

0708-151-0407-4  
8101 LLC.  
1289 DEMING  
WAY

INSTALL SEDIMENT BASIN PRIOR TO COMMENCING  
LAND-DISTURBING ACTIVITIES.

1.5' FOOT SEDIMENT STORAGE DEPTH MATCHING  
PROPOSED POND CONTOURS. POND & TEMP. BASIN  
BOTTOM ELEV.=955.25

AREA (SF) IS DESIGNED PER WDNR REQUIRMENTS FOR  
DISTURBED AREA UP TO 5 ACRES

SHORELINE MIX FROM EDGE  
OF POND TO ELEVATION 964'

1242 FOURIER DR.

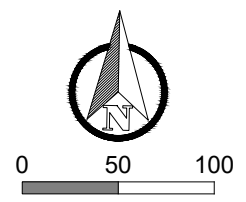
0708-151-0103-8  
DEAN HEALTH  
PLAN, INC. 1277  
DEMING WAY

UPSLOPE MESIC PRAIRIE FROM 964'  
TO EDGE OF DISTURBANCE LIMITS

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

**LEGEND**

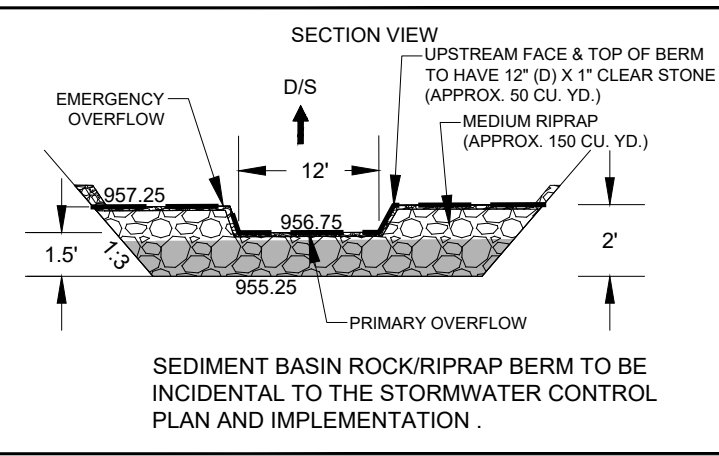
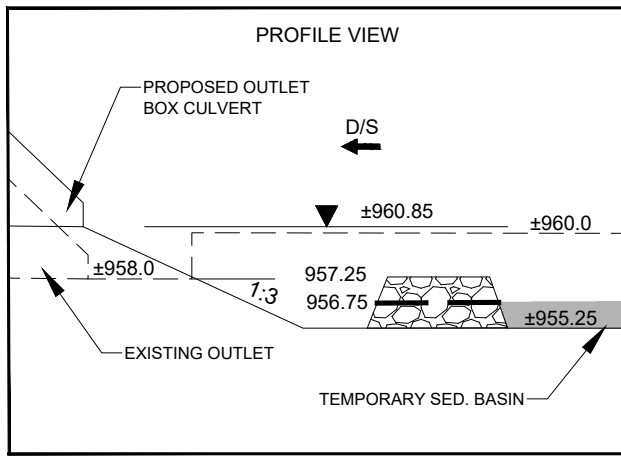
SILT FENCE	
DITCH CHECK BIO-ROLL (SEE PLAN FOR TEMP. ROCK CHECK DAMS)	
TYPE D FRAMED INLET PROTECTION	
CHANNEL BOTTOM SEED MIX, CL. 2, TYPE B ORGANIC MATTING	
SHORELINE SEED MIX, CL. 1, URBAN TYPE B MATTING	
UPLAND MESIC PRAIRIE SEED MIX, CL. 1, URBAN TYPE B MATTING	
SUN TERRACE SEED MIX, CL. 1, URBAN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

**EROSION CONTROL NOTES**

- EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND THE CITY OF MADISON STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM PER BID ITEM 21013.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY WITHIN THE CHANNEL AND ASSOCIATED DRAINAGE.
- POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER. PER BID ITEM 21052.
- 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.
- THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
- ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.
- ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
- THE CONTRACTOR SHALL USE APPROPRIATE CONCRETE WASTE CATCHMENT. ALL POINTS ON THIS SITE DRAIN DIRECTLY TO THE GREENWAY.
- 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.
- 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.
- ALL SEED MIXES AND MATTING ARE TO BE APPROVED BY THE ENGINEER PRIOR TO ANY RESTORATION WORK.
- 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.
- QUANTITY INFORMATION IS BASED ON PLAN VIEW TOTALS.



**D-20** SEDIMENT BASIN DETAILS  
NOT TO SCALE

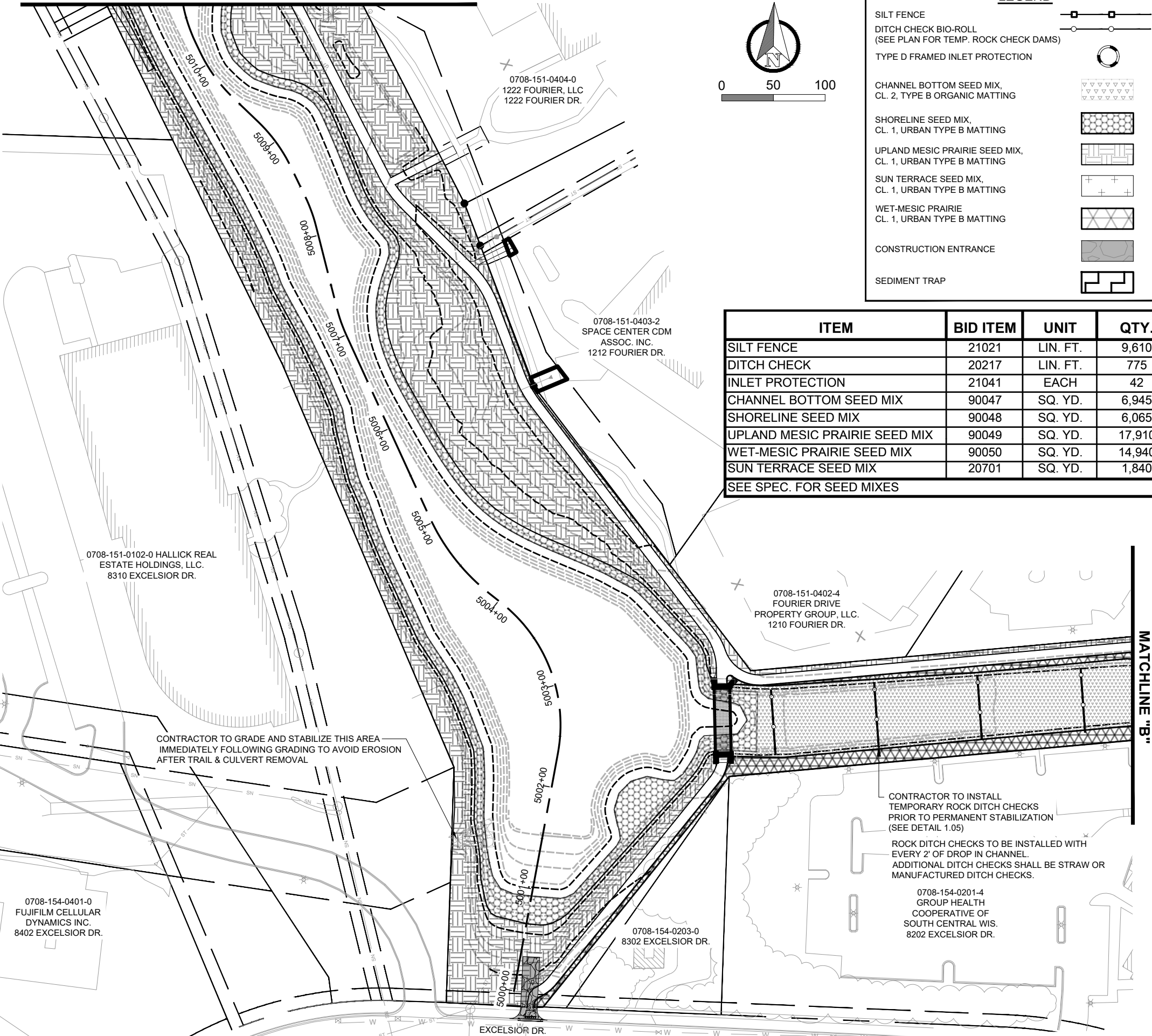
MATCHLINE "A"

14370 MADISON, WI CONTRACT NO: 9517  
 EROSION & SEDIMENT CONTROL PLAN  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 14370 EC1  
 Scale: AS SHOWN  
 Date: 10/16/2024 12:05 PM  
 Designed By: JPC  
 MARK  
 REVISION  
 DATE BY  
 EC1

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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

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SEE SPEC. FOR SEED MIXES			

0708-151-0102-0 HALLICK 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.

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

0708-154-0203-0 8302 EXCELSIOR DR.

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. ADDITIONAL DITCH CHECKS SHALL BE STRAW OR MANUFACTURED DITCH CHECKS.

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

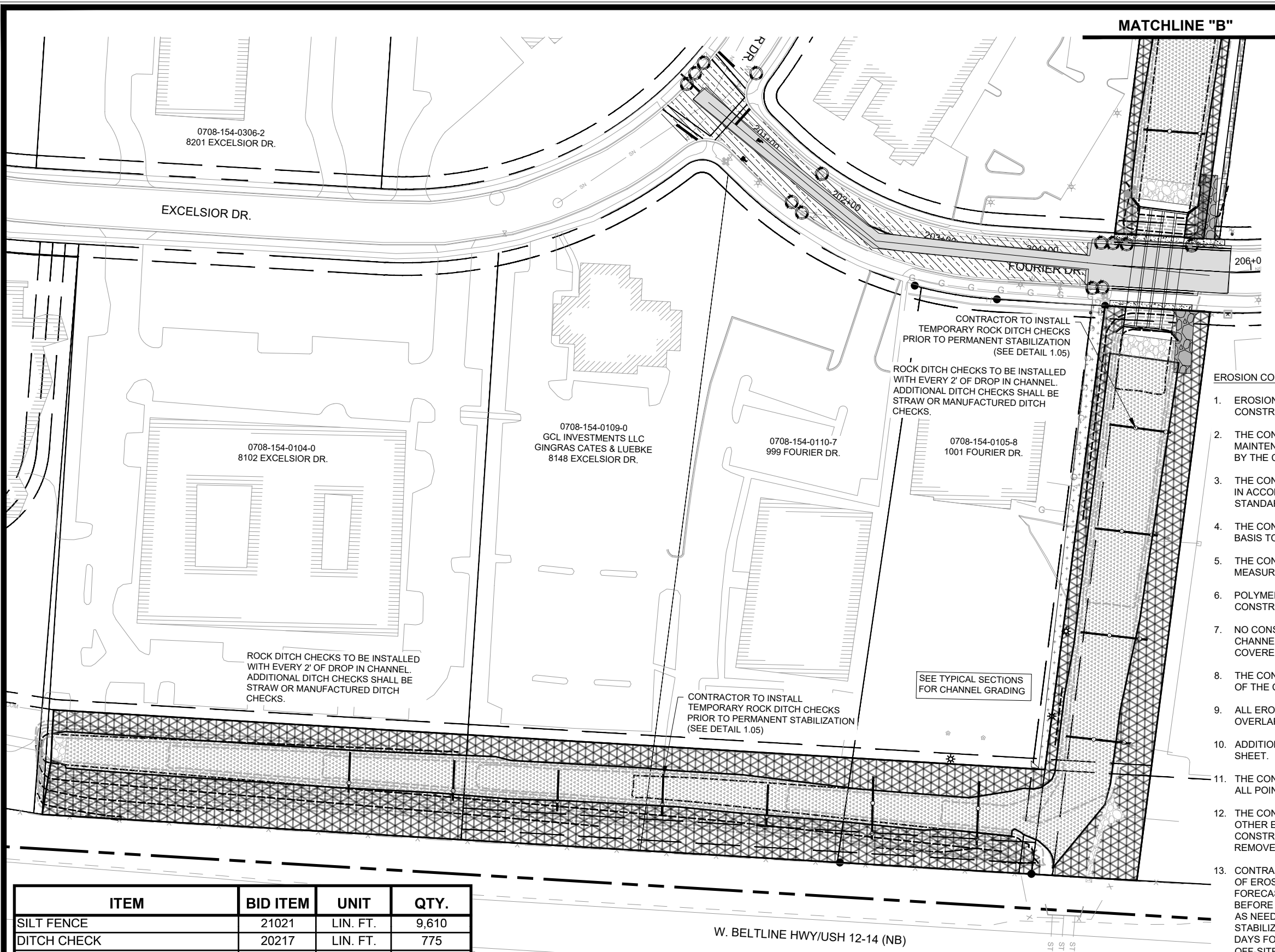
14370 MADISON, WI 9517 CONTRACT NO. 14370

EROSION & SEDIMENT CONTROL PLAN  
PHEASANT BRANCH GREENWAY ENHANCEMENT

14370 EC2

CITY OF MADISON WISCONSIN

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**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

**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.

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			

**EROSION & SEDIMENT CONTROL PLAN**

**PHEASANT BRANCH GREENWAY ENHANCEMENT**

14370 MADISON, WI CONTRACT NO: 9517

14370 EC3

Date: 10/16/2024 12:03 PM Scale: AS SHOWN

Designed By: JPC MARK

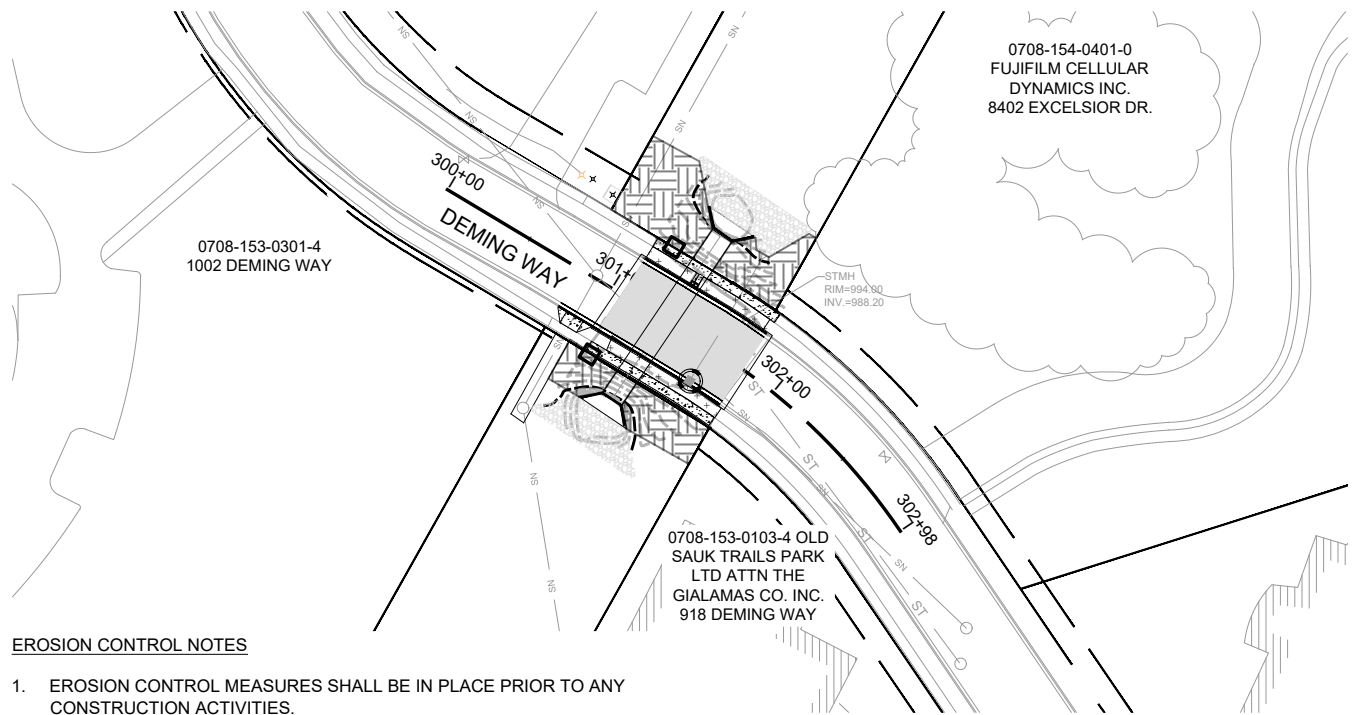
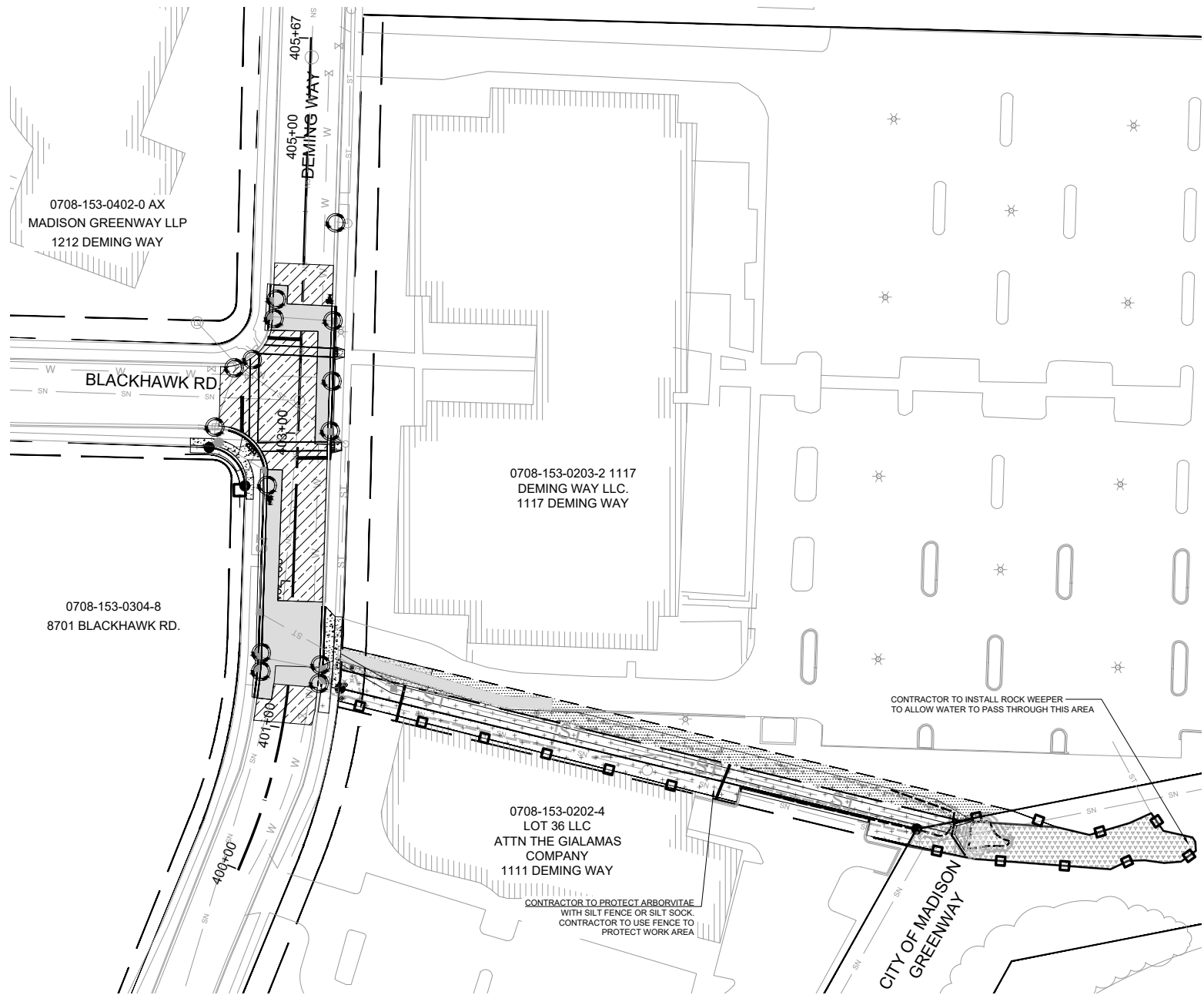
REVISION DATE BY

14370 EC3

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14370 EC3





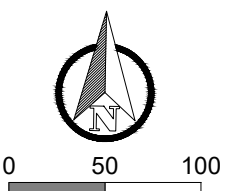
**EROSION CONTROL NOTES**

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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.
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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.
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16. QUANTITY INFORMATION IS BASED ON PLAN VIEW TOTALS.

**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	
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SUN TERRACE SEED MIX, CL. 1, URBAN TYPE B MATTING	
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CONSTRUCTION ENTRANCE	
SEDIMENT TRAP	

ITEM	BID ITEM	UNIT	QTY.
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SEE SPEC. FOR SEED MIXES			

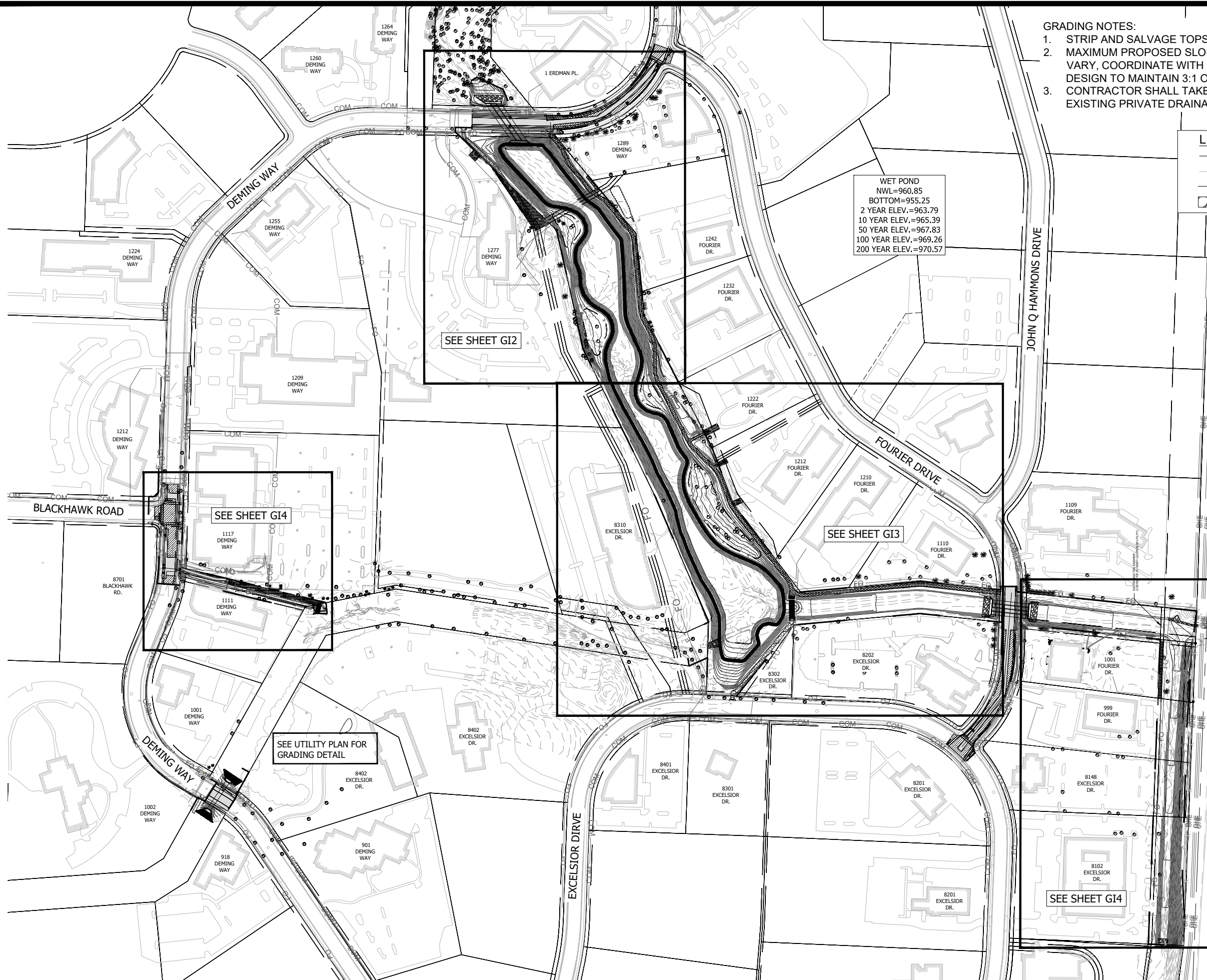


MARK	REVISION	DATE	BY
14370	AS SHOWN	12/03/24	JPC

14370  
 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO.: 9517  
 14370  
 EC4



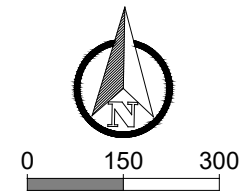
14370  
EC4



- 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



WET POND  
 NWL=960.85  
 BOTTOM=955.25  
 2 YEAR ELEV.=963.79  
 10 YEAR ELEV.=965.39  
 50 YEAR ELEV.=967.83  
 100 YEAR ELEV.=969.26  
 200 YEAR ELEV.=970.57

SEE SHEET G12

SEE SHEET G14

SEE SHEET G13

SEE UTILITY PLAN FOR GRADING DETAIL

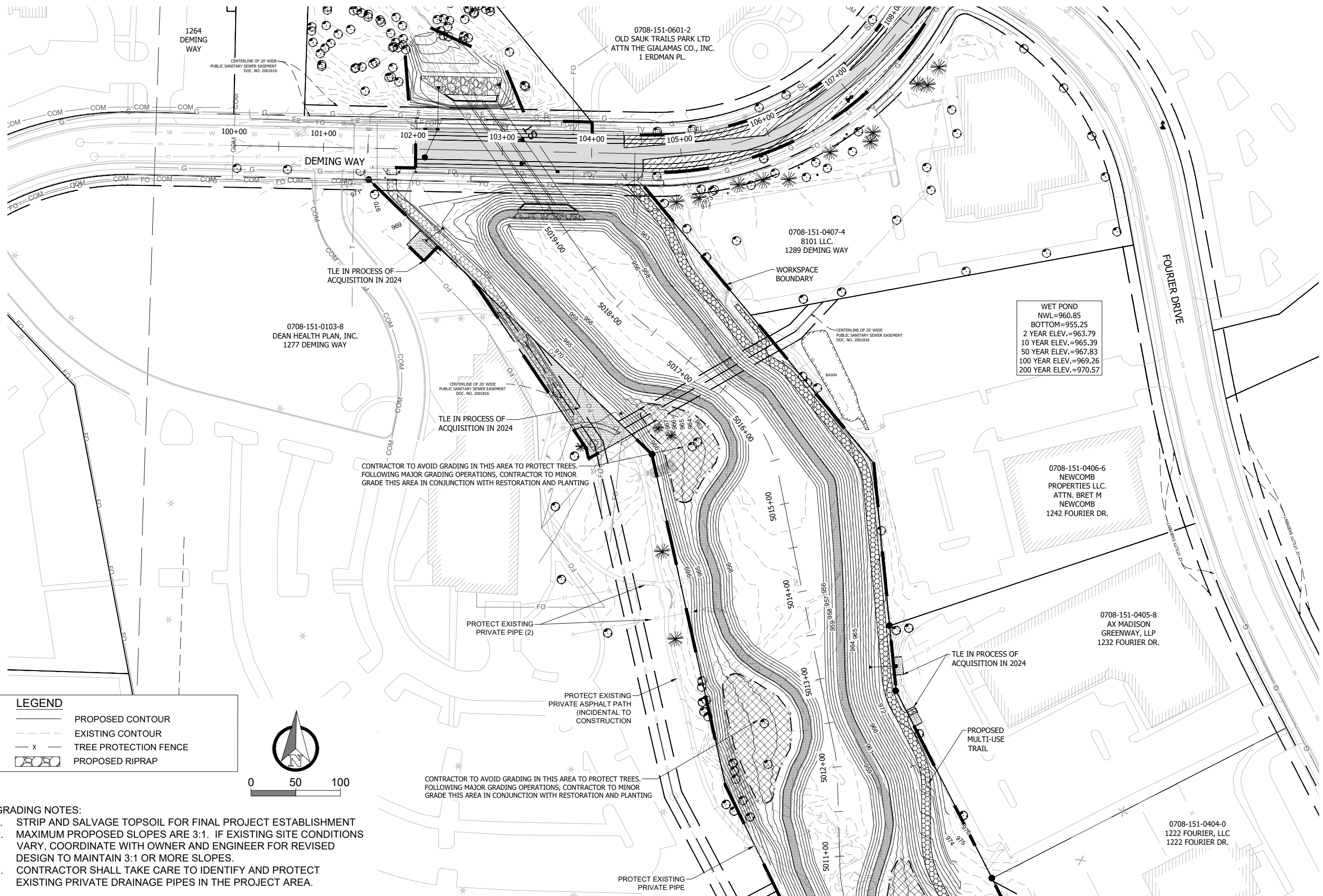
SEE SHEET G14

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			G11

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

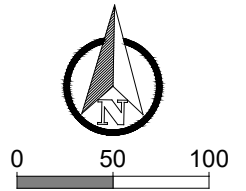


14370  
 G11



**LEGEND**

- PROPOSED CONTOUR
- - - EXISTING CONTOUR
- x 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.

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

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

WET POND  
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 BOTTOM=955.25  
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MARK	REVISION	DATE	BY
14370	Designed By: JPC	Date: 10/16/2024 12:04 PM	Scale: AS SHOWN
14370			G12

14370  
 GRADING PLAN - GREENWAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO.: 9517  
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14370  
 G12

MATCHLINE STA - SEE SHEET G13

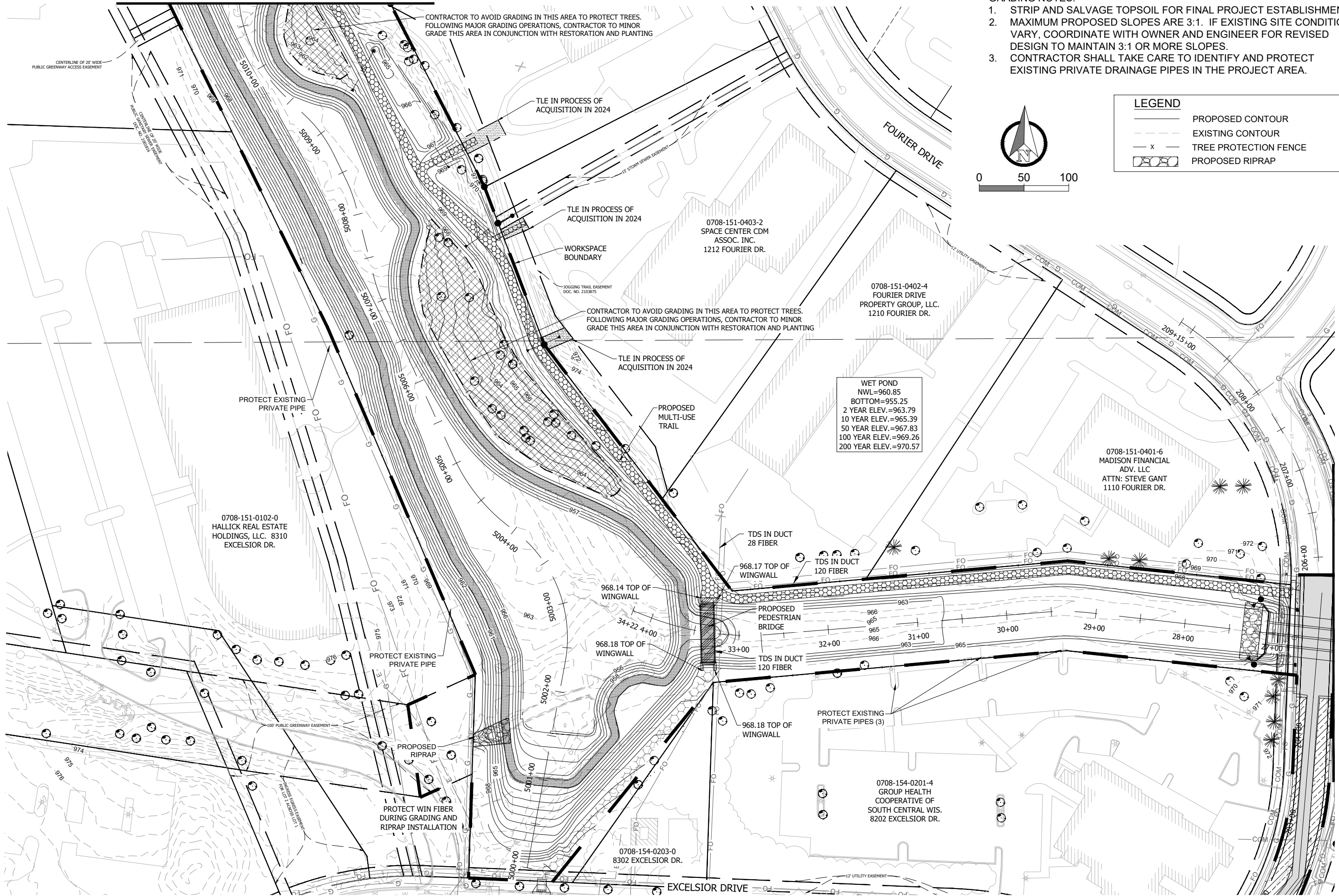
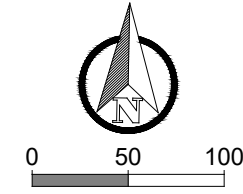
MATCHLINE - SEE SHEET G12

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
- x - TREE PROTECTION FENCE
- ▨ PROPOSED RIPRAP



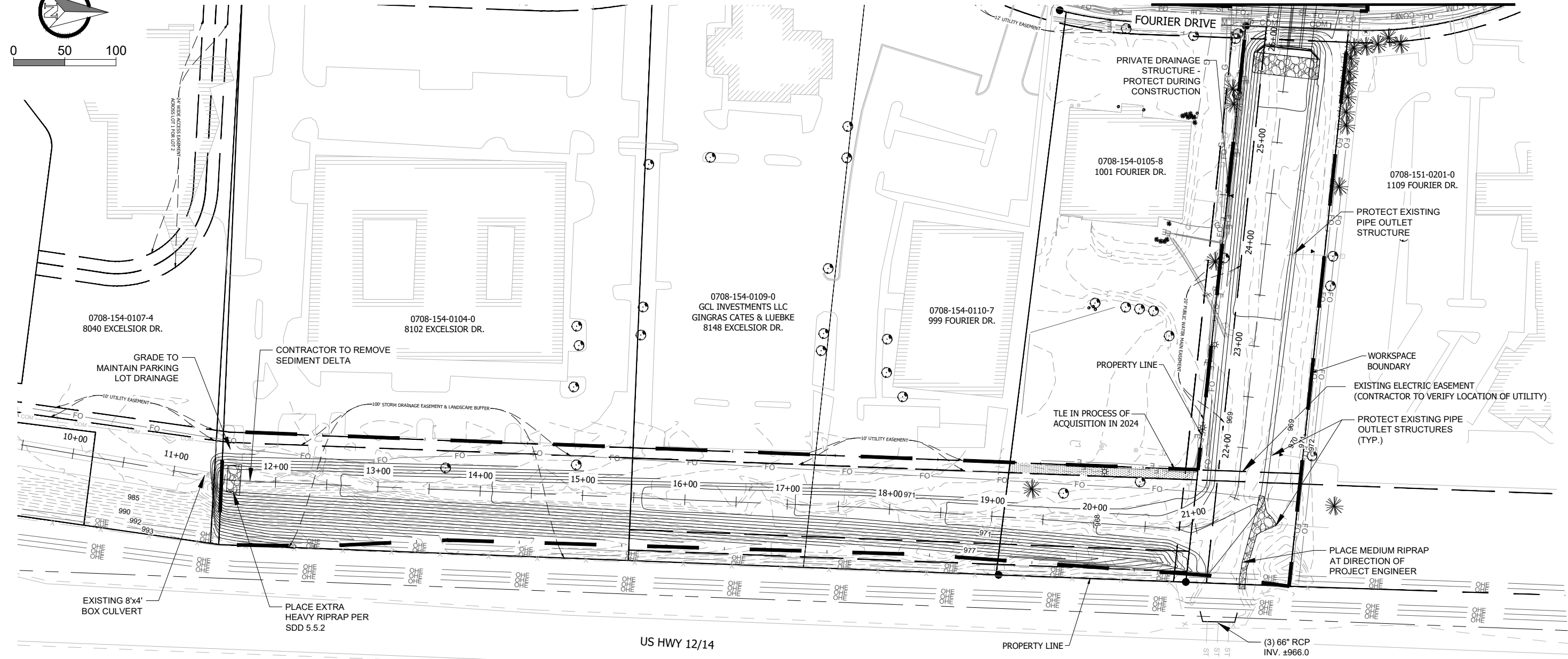
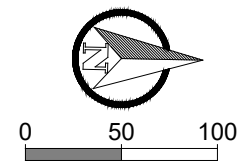
MATCHLINE - SEE SHEET G14

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

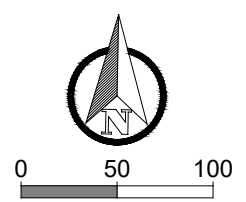


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 G13

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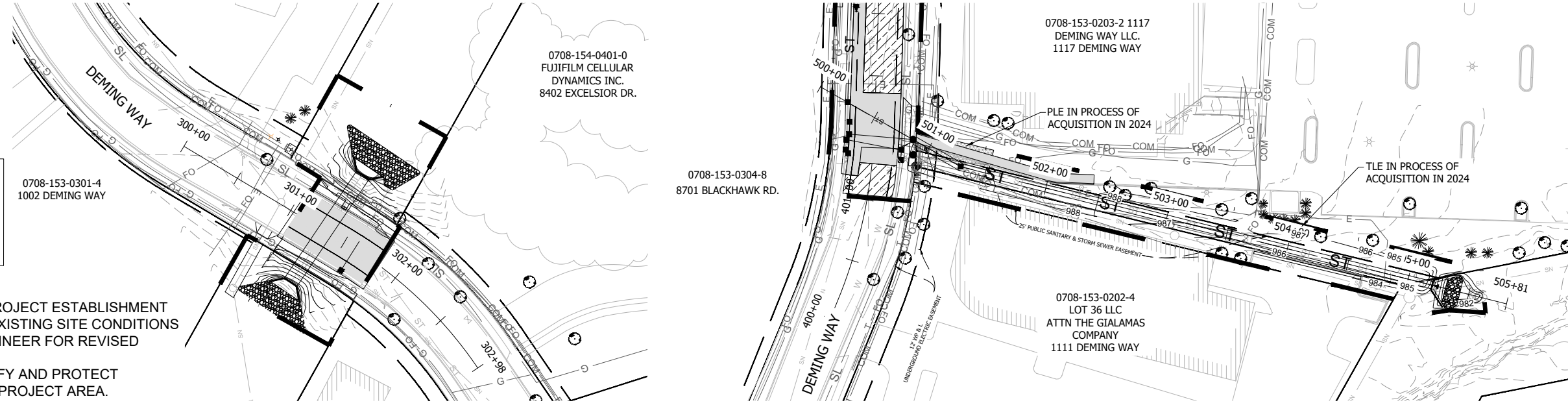
MATCHLINE - SEE SHEET G13



**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.




















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

GRADING PLAN - CHANNEL

14370  
 G14

PLANT SCHEDULE							
SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	PLANTING SIZE	MATURE HT	MATURE SP	QTY
<b>TREES</b>							
	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	2.5" 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	2.5" Min. Cal.	70'	70'	34
	QX	Quercus x schuetti / Swamp Bur Oak	B & B	2.5" Min. Cal.	75'	70'	18
<b>SHRUBS</b>							
	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

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

MARK	REVISION	DATE	BY
14370		10/16/2024 12:04 PM	
Designed By: JPC	Scale: NO SCALE		

LANDSCAPE PLAN  
 14370  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO: 9517  
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14370  
 GI5

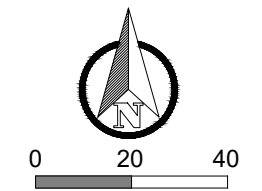


MATCHLINE STA - SEE SHEET G15

0708-151-0103-8  
DEAN HEALTH PLAN, INC.  
1277 DEMING WAY

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

0708-151-0103-8  
DEAN HEALTH  
PLAN, INC.  
1277 DEMING WAY



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.

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

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

MATCHLINE STA - SEE SHEET G17

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14370	AS SHOWN	10/16/2024	JPC

14370  
MADISON, WI  
CONTRACT NO.: 9517

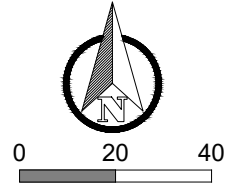
LANDSCAPE PLAN  
PHEASANT BRANCH GREENWAY ENHANCEMENT



14370  
G17



MATCHLINE STA - SEE SHEET G16



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.

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

CENTERLINE OF 20' WIDE  
PUBLIC GREENWAY ACCESS  
EASEMENT

0708-151-0103-8  
DEAN HEALTH  
PLAN, INC.  
1277 DEMING WAY

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

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

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

MATCHLINE STA - SEE SHEET G18

MARK	REVISION	DATE	BY
14370	14370	10/16/2024	JPC
Scale: AS SHOWN			G18

14370  
MADISON, WI  
CONTRACT NO: 9517

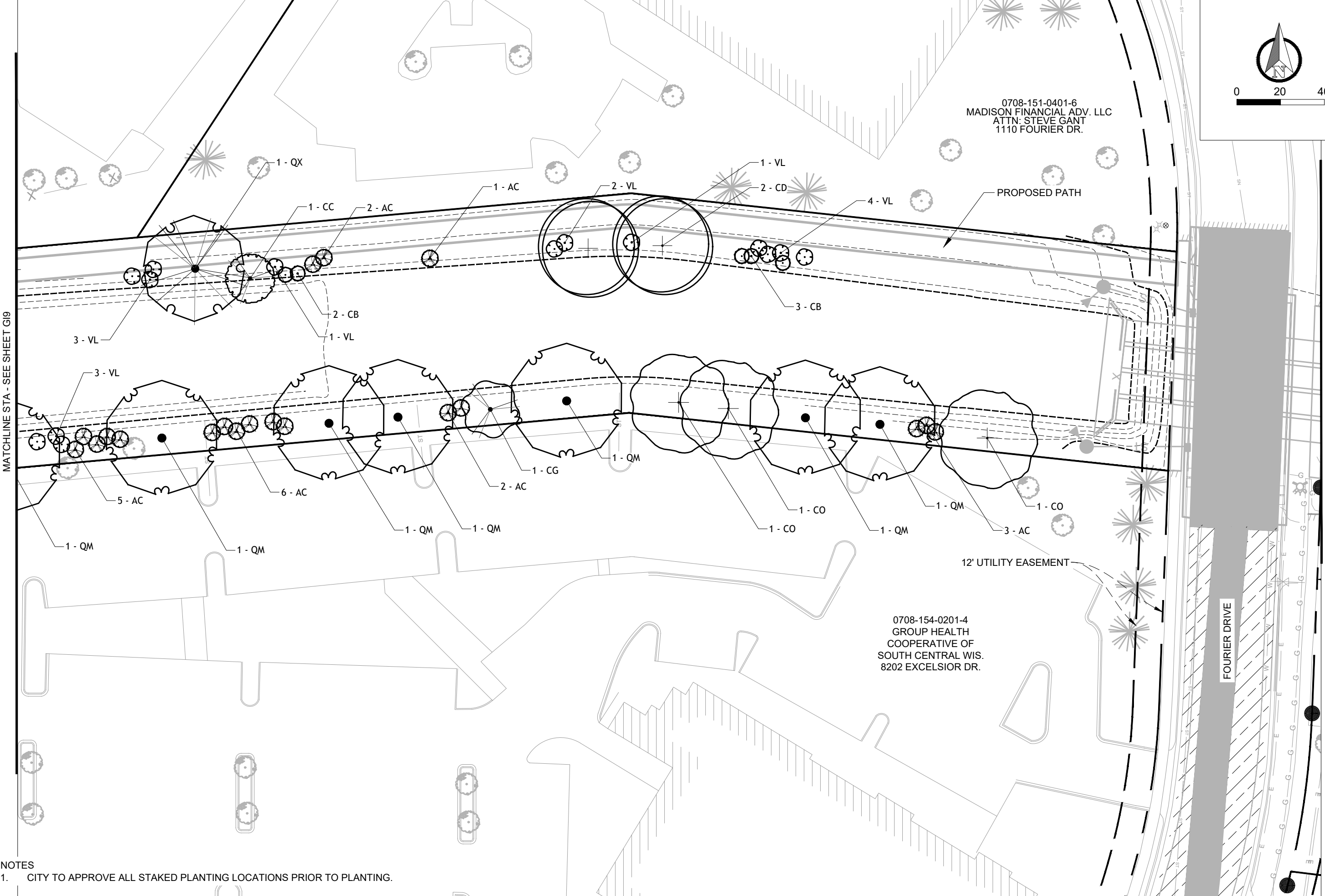
LANDSCAPE PLAN  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
G18

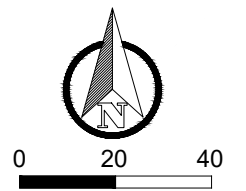






0708-151-0401-6  
MADISON FINANCIAL ADV. LLC  
ATTN: STEVE GANT  
1110 FOURIER DR.

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



MATCHLINE STA - SEE SHEET G10

MATCHLINE STA - SEE SHEET G11

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

MARK	REVISION	DATE	BY
14370	Designed By: JPC	Date: 10/16/2024 12:05 PM	Scale: AS SHOWN
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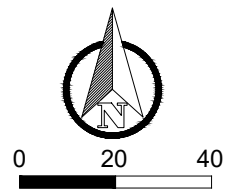
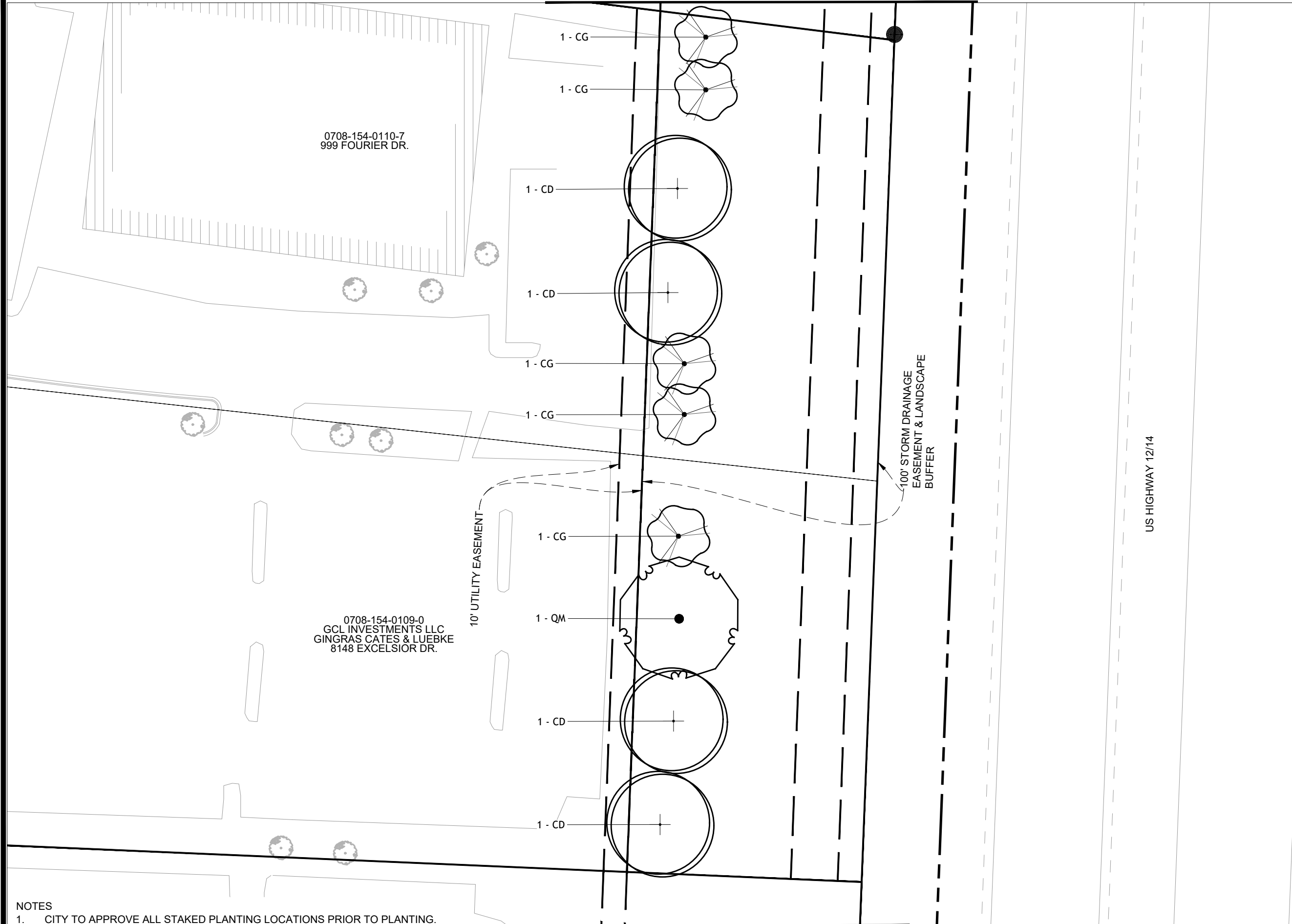
14370  
MADISON, WI  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO: 9517



14370  
GI11



MATCHLINE STA - SEE SHEET G111



0708-154-0110-7  
999 FOURIER DR.

0708-154-0109-0  
GCL INVESTMENTS LLC  
GINGRAS CATES & LUEBKE  
8148 EXCELSIOR DR.

10' UTILITY EASEMENT

100' STORM DRAINAGE  
EASEMENT & LANDSCAPE  
BUFFER

US HIGHWAY 12/14

1 - CG

1 - CG

1 - CD

1 - CD

1 - CG

1 - CG

1 - CG

1 - QM

1 - CD

1 - CD

NOTES

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

MATCHLINE STA - SEE SHEET G113

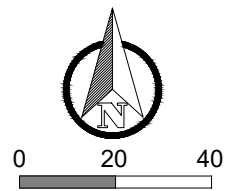
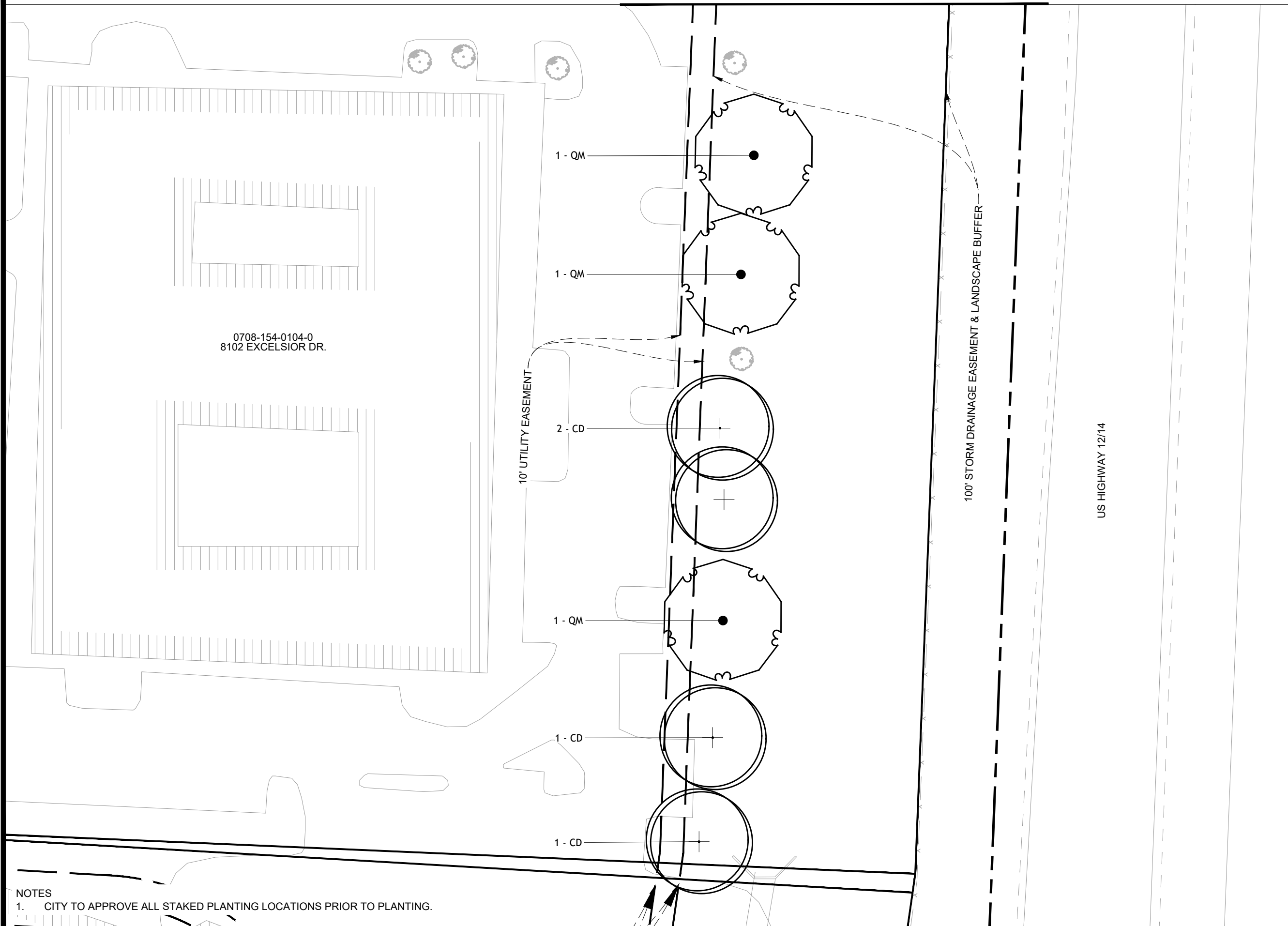
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14370			G113

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



14370  
 GI13

MATCHLINE STA - SEE SHEET G12



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

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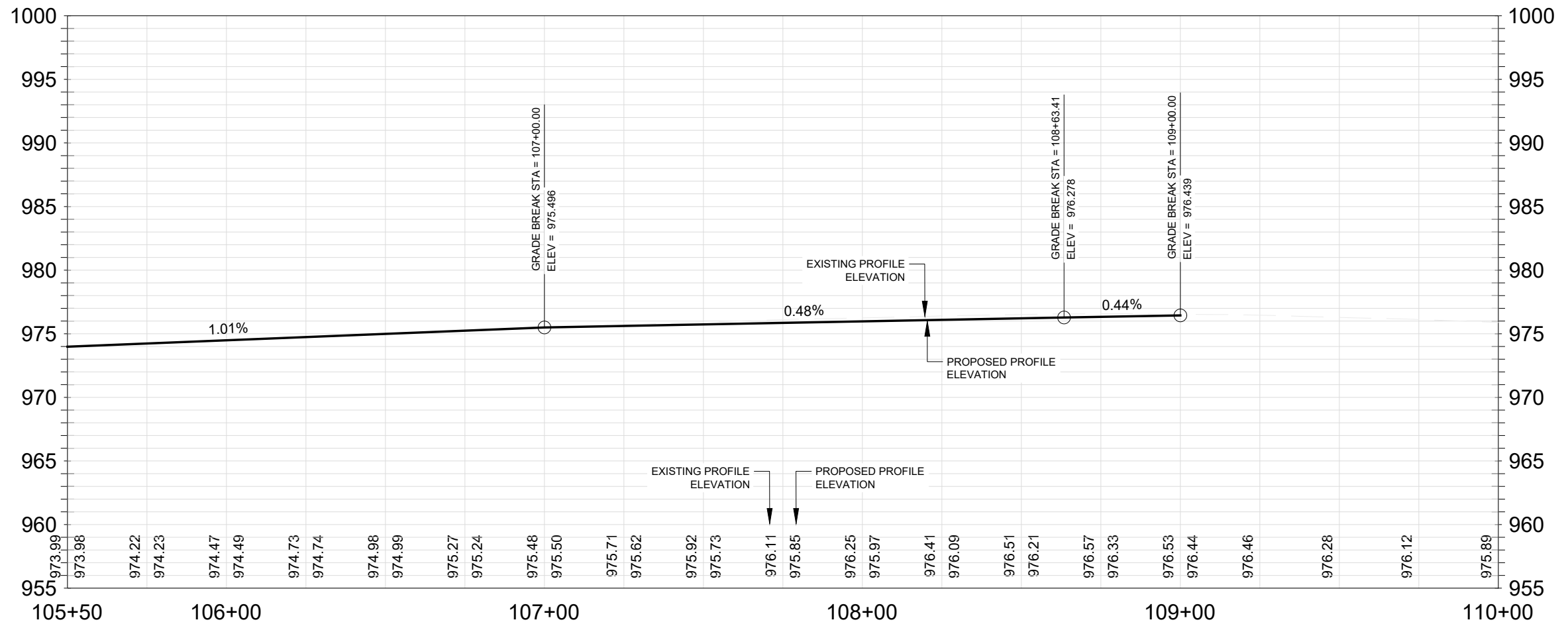
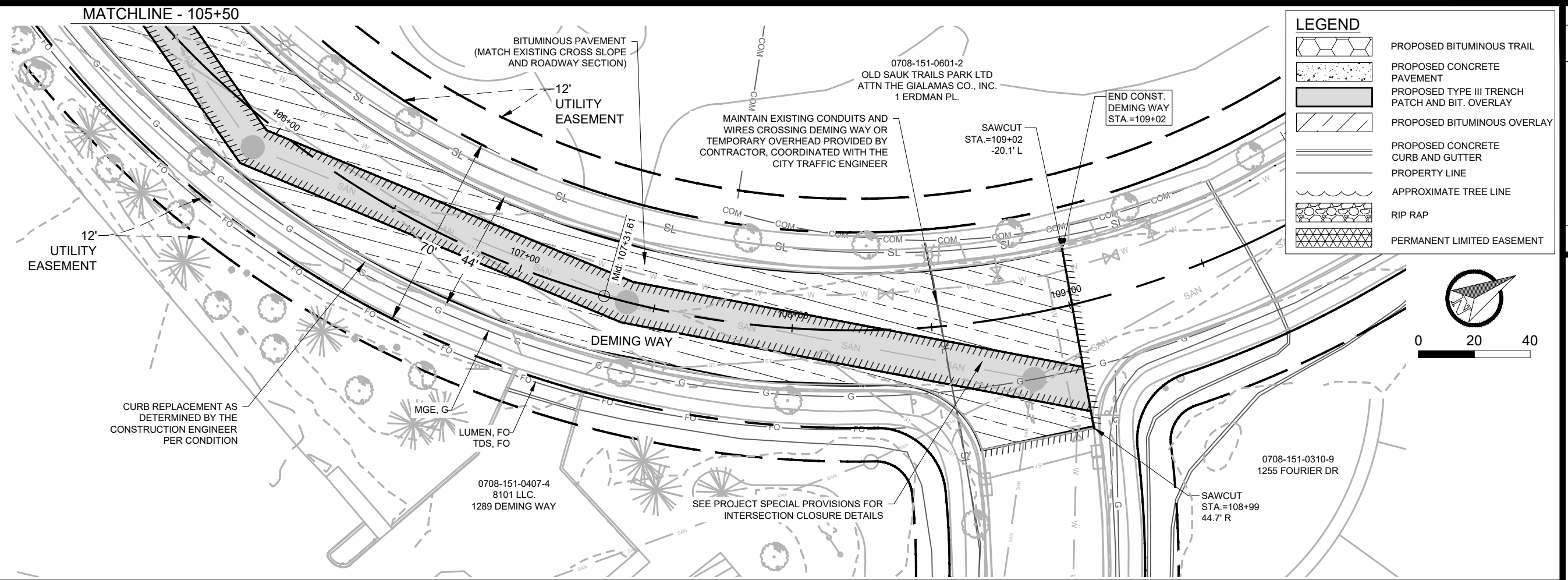
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 PHEASANT BRANCH GREENWAY ENHANCEMENT MADISON, WI  
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14370  
 G114







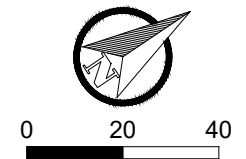
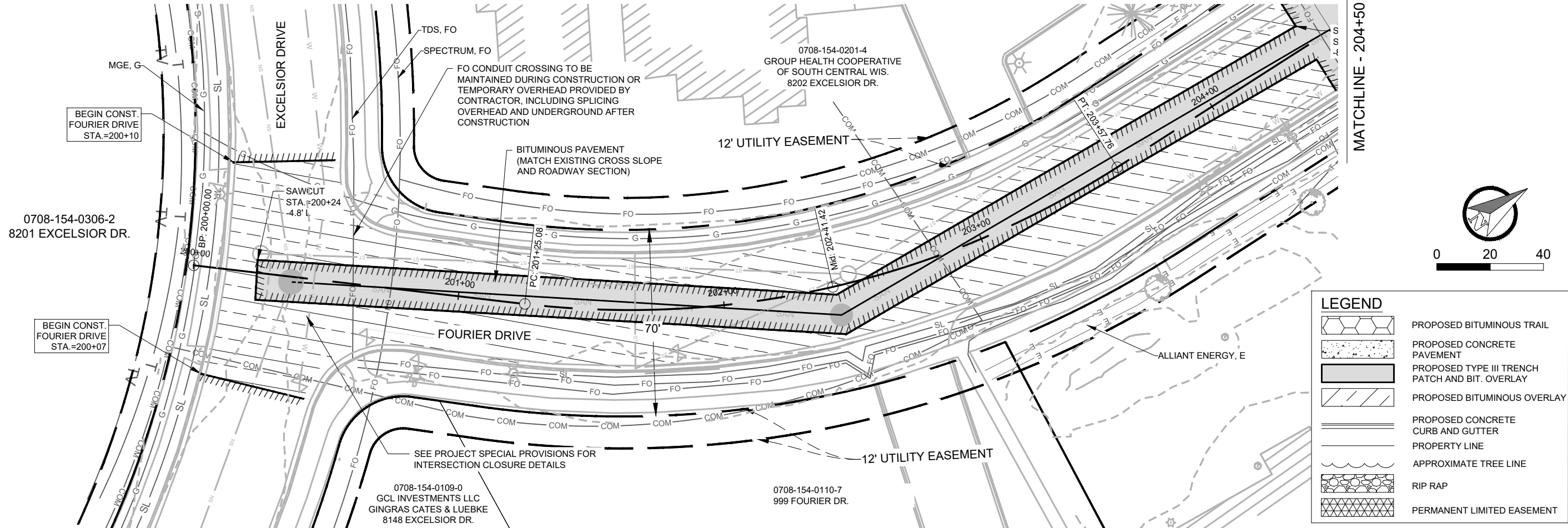
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14370  
MADISON, WI  
CONTRACT NO: 9517

STREET PLAN & PROFILE - DEMING WAY  
PHEASANT BRANCH GREENWAY ENHANCEMENT

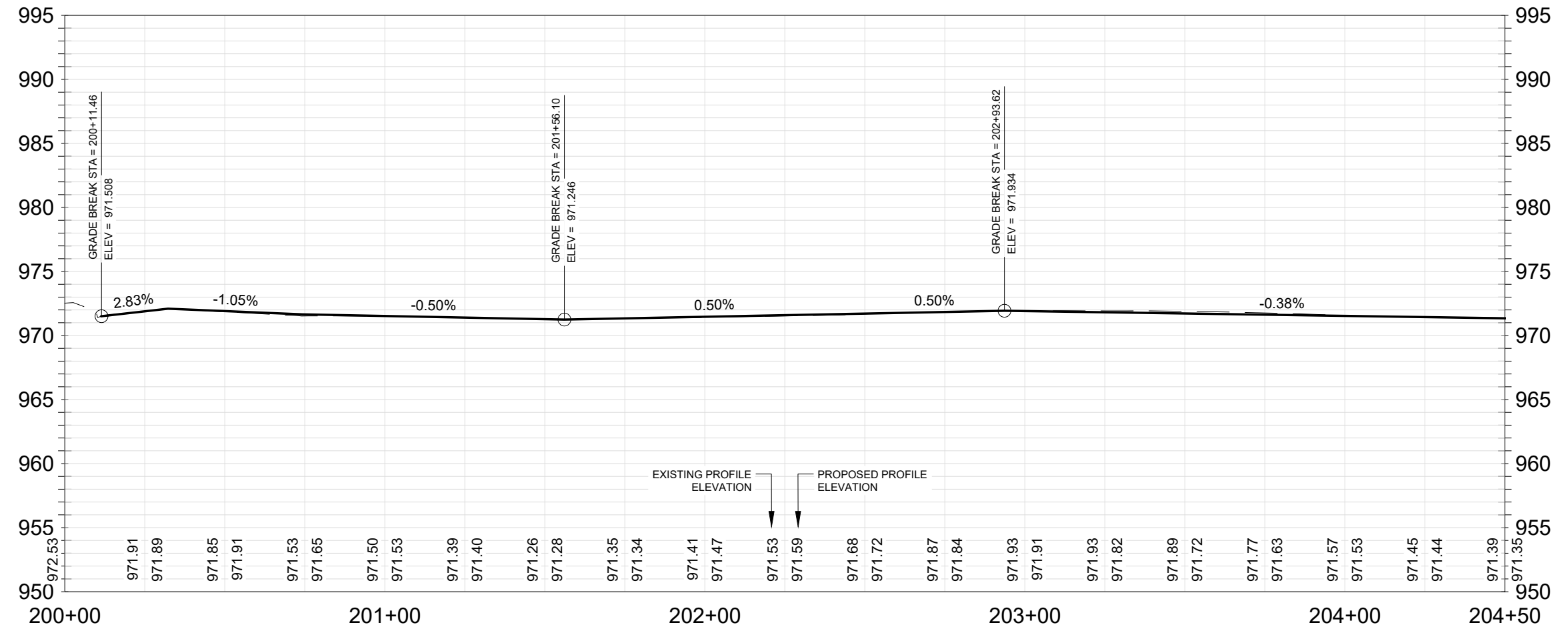
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P2

City of Madison Wisconsin logo



**LEGEND**

	PROPOSED BITUMINOUS TRAIL
	PROPOSED CONCRETE PAVEMENT
	PROPOSED TYPE III TRENCH PATCH AND BIT. OVERLAY
	PROPOSED BITUMINOUS 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 - FOURIER DR.

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370

P3

REVISION

DATE

BY

MARK

Designed By: JPC

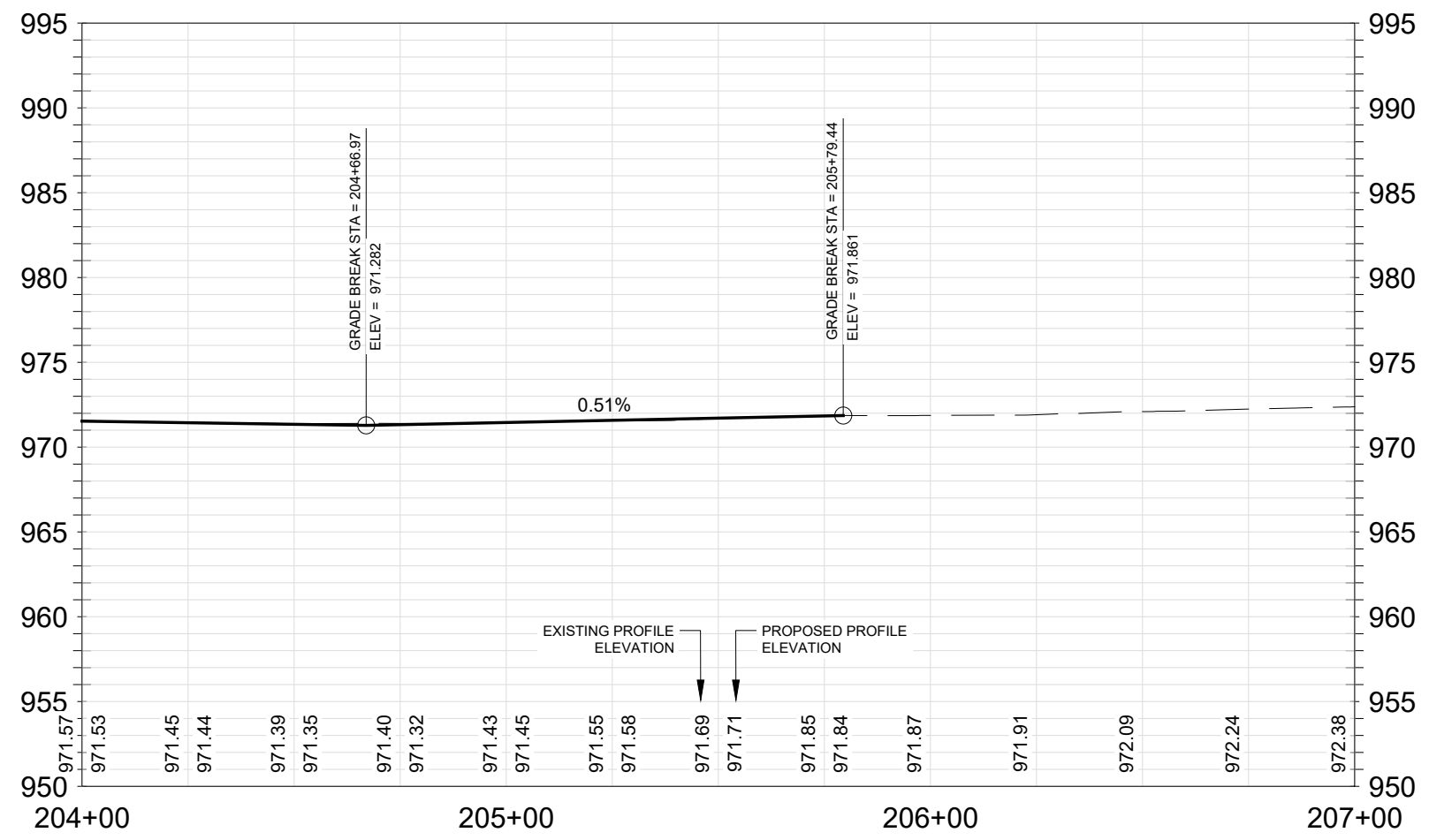
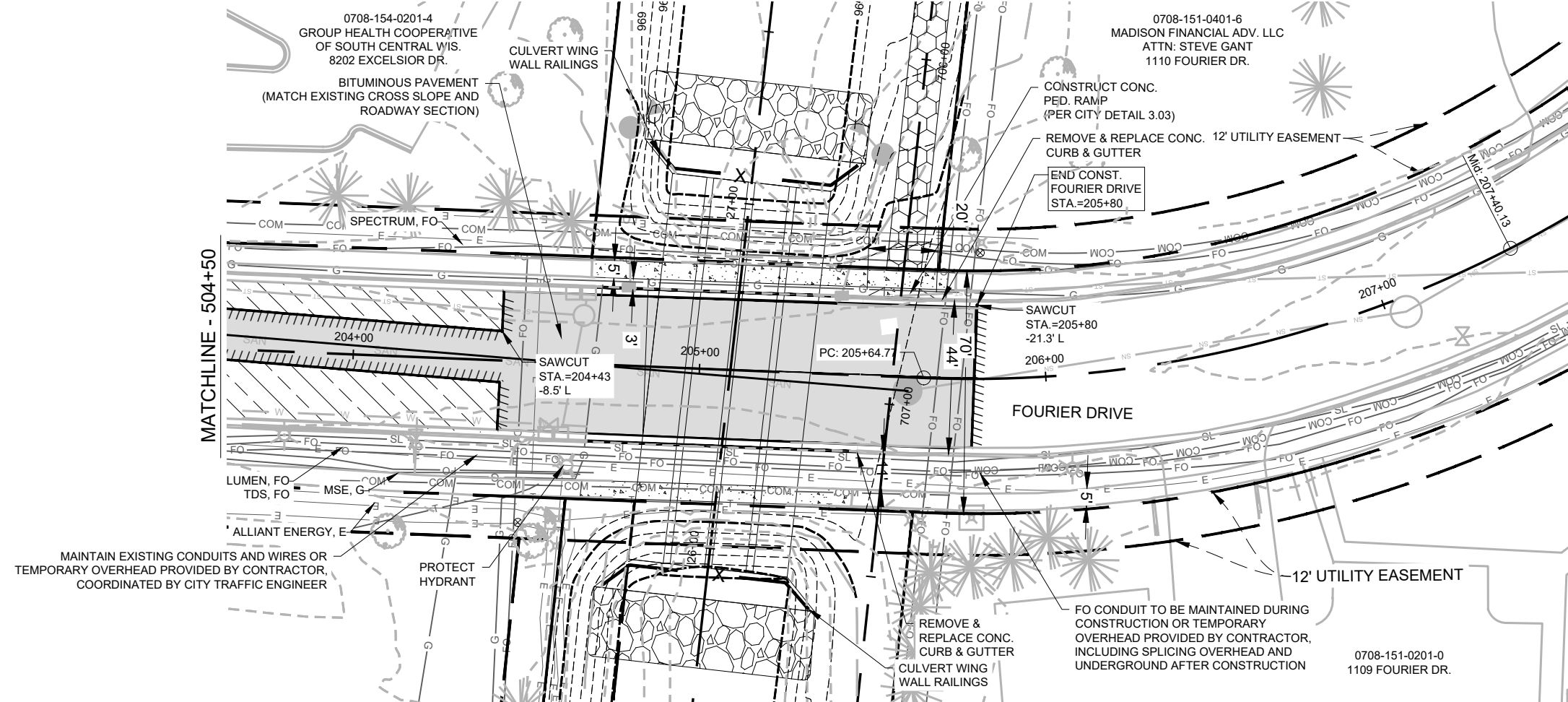
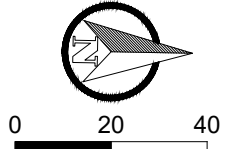
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P3

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	PROPOSED BITUMINOUS OVERLAY
	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
	APPROXIMATE TREE LINE
	RIP RAP
	PERMANENT LIMITED EASEMENT



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14370	MARK		P4

14370

MADISON, WI

9517

CONTRACT NO:

STREET PLAN & PROFILE - FOURIER DR.

PHEASANT BRANCH GREENWAY ENHANCEMENT

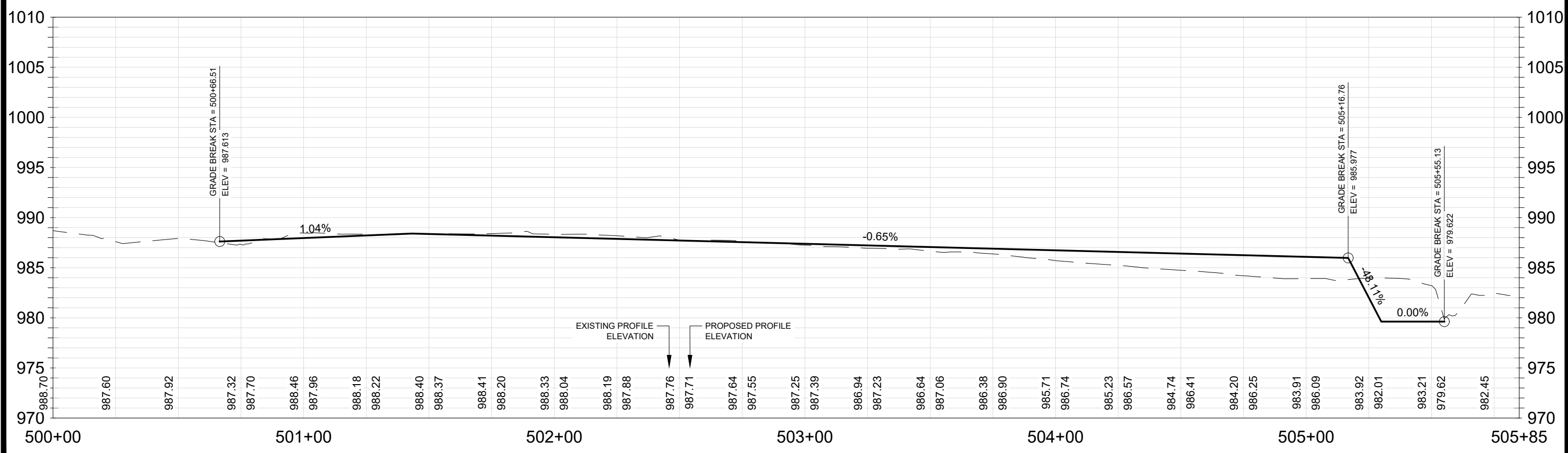
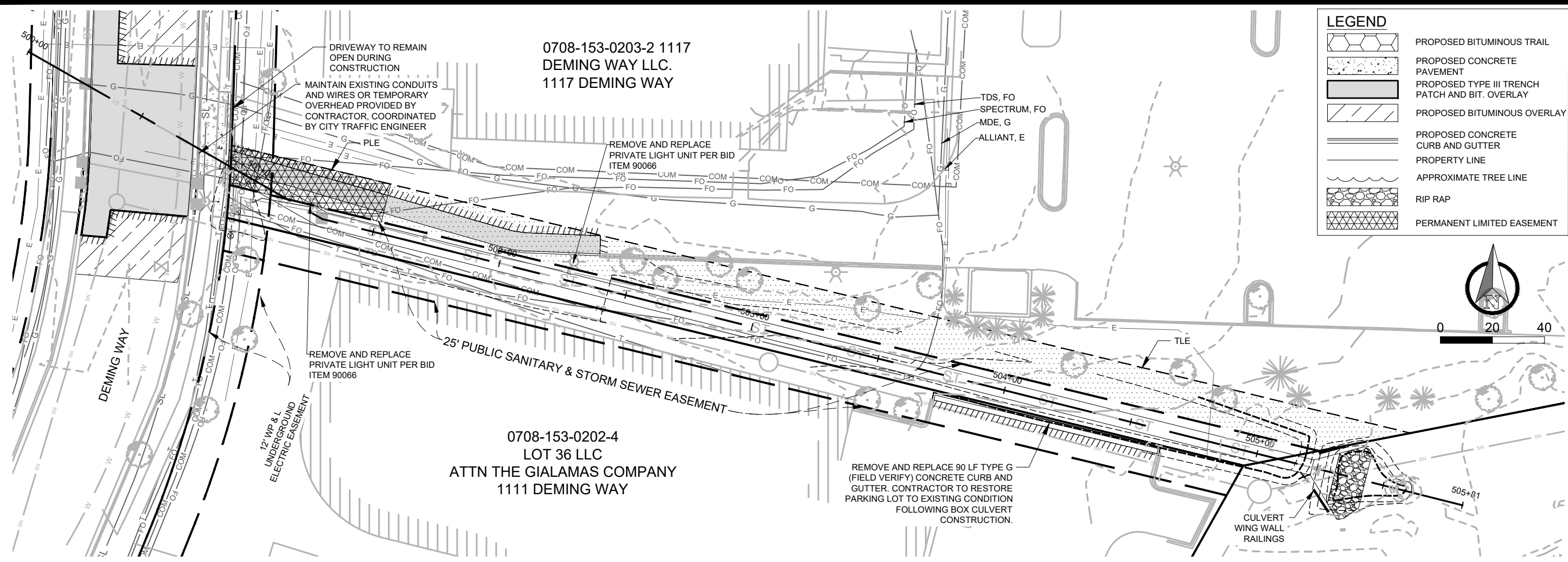
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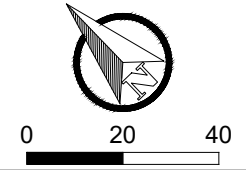
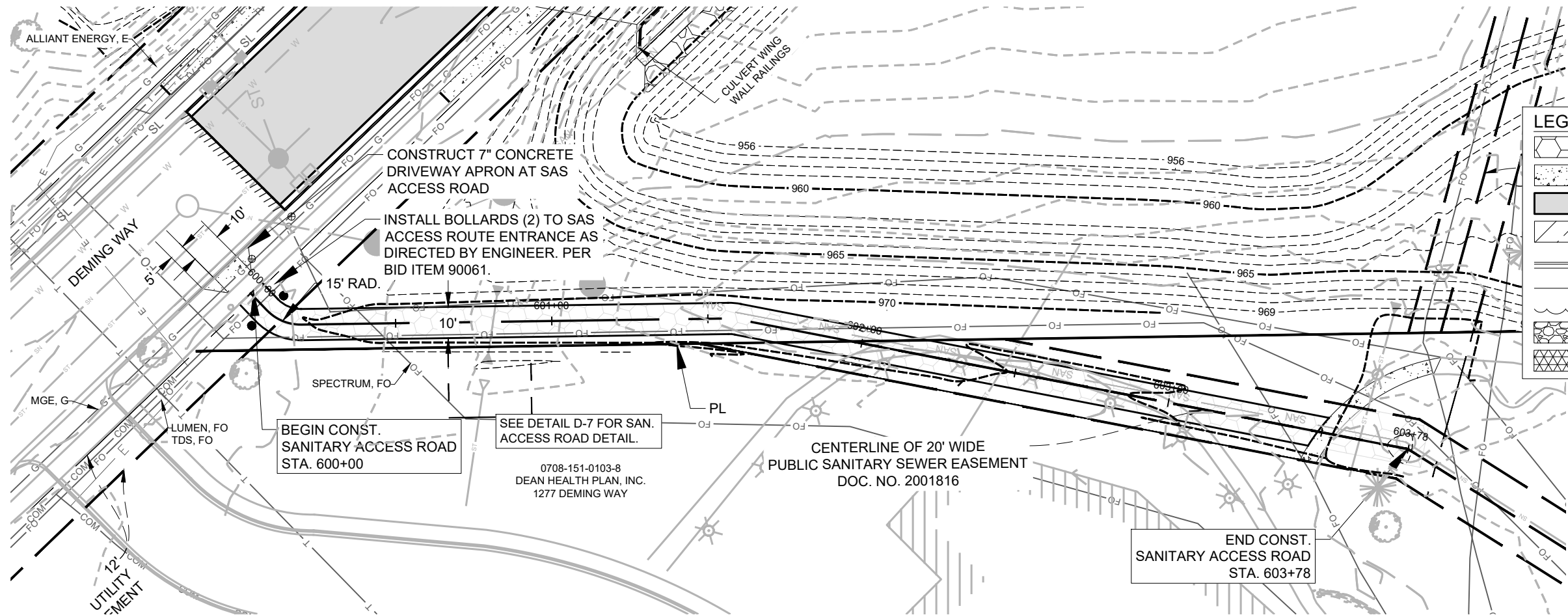
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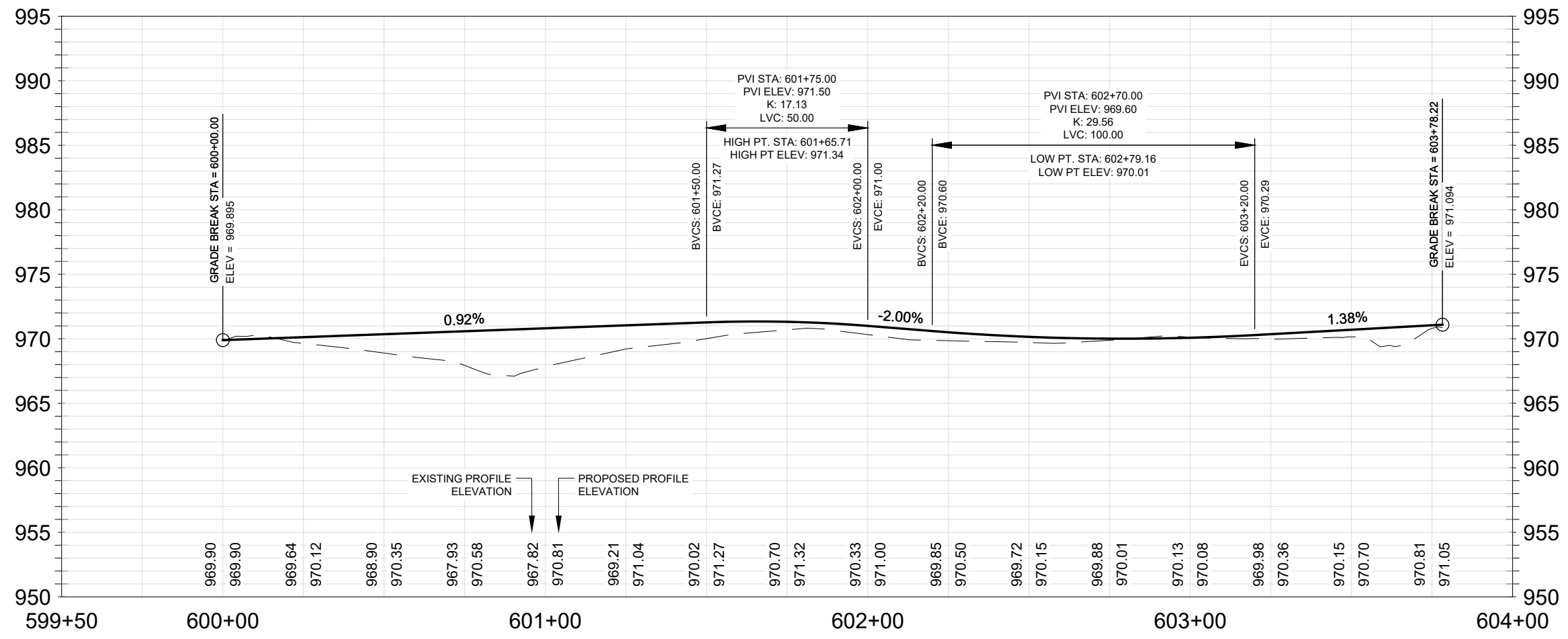


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CONTRACT NO:		14370	
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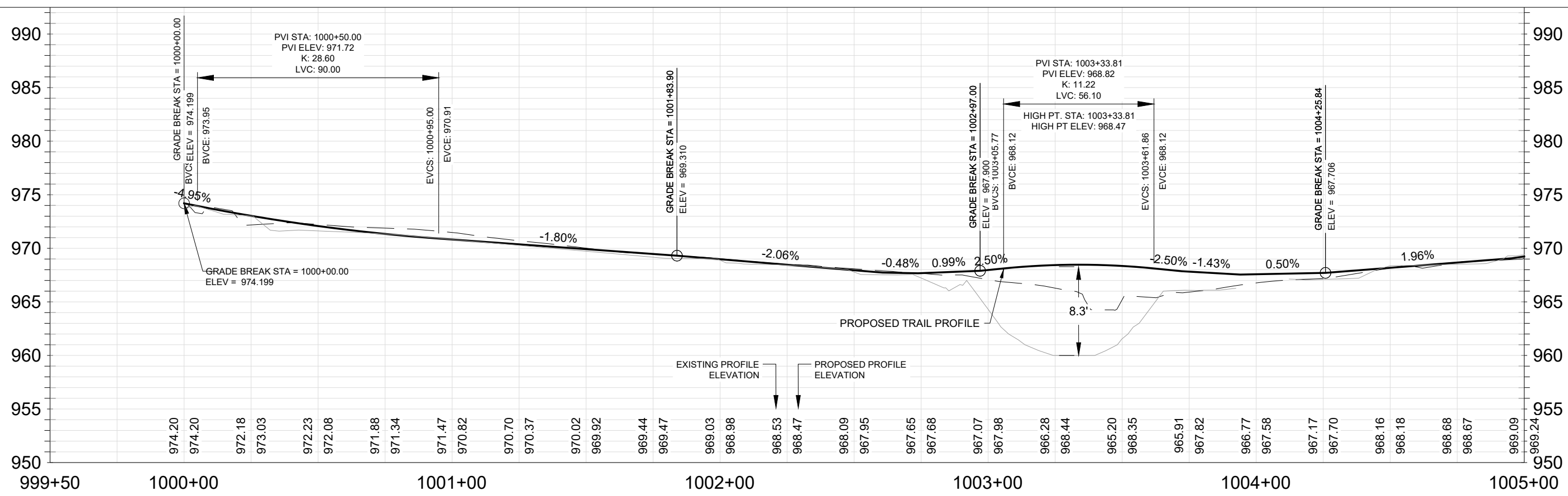
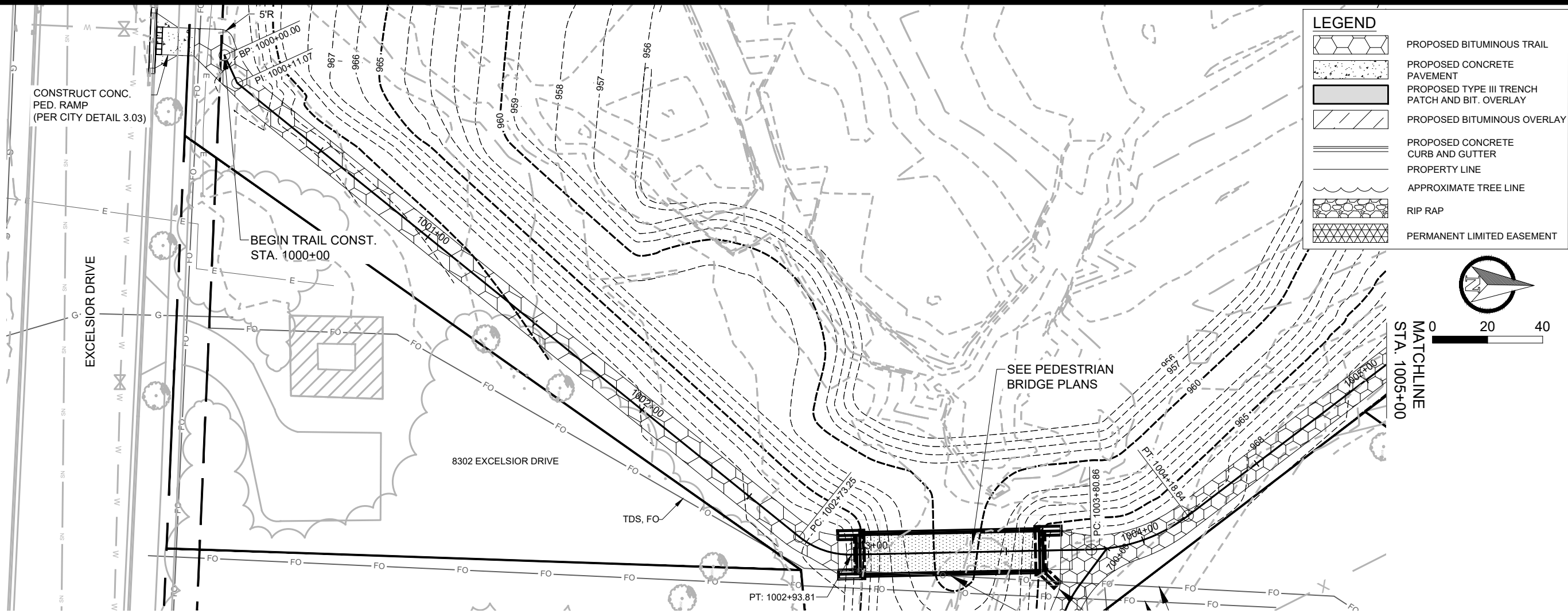
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	PROPOSED CONCRETE PAVEMENT
	PROPOSED TYPE III TRENCH PATCH AND BIT. OVERLAY
	PROPOSED BITUMINOUS OVERLAY
	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
	APPROXIMATE TREE LINE
	RIP RAP
	PERMANENT LIMITED EASEMENT



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MADISON, WI	MADISON, WI	MADISON, WI	MADISON, WI	MADISON, WI	MADISON, WI
9517	9517	9517	9517	9517	9517
CONTRACT NO:	CONTRACT NO:	CONTRACT NO:	CONTRACT NO:	CONTRACT NO:	CONTRACT NO:
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PHEASANT BRANCH GREENWAY ENHANCEMENT	PHEASANT BRANCH GREENWAY ENHANCEMENT	PHEASANT BRANCH GREENWAY ENHANCEMENT	PHEASANT BRANCH GREENWAY ENHANCEMENT	PHEASANT BRANCH GREENWAY ENHANCEMENT	PHEASANT BRANCH GREENWAY ENHANCEMENT
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P8	P8	P8	P8	P8	P8

City of Madison Wisconsin  
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 P8

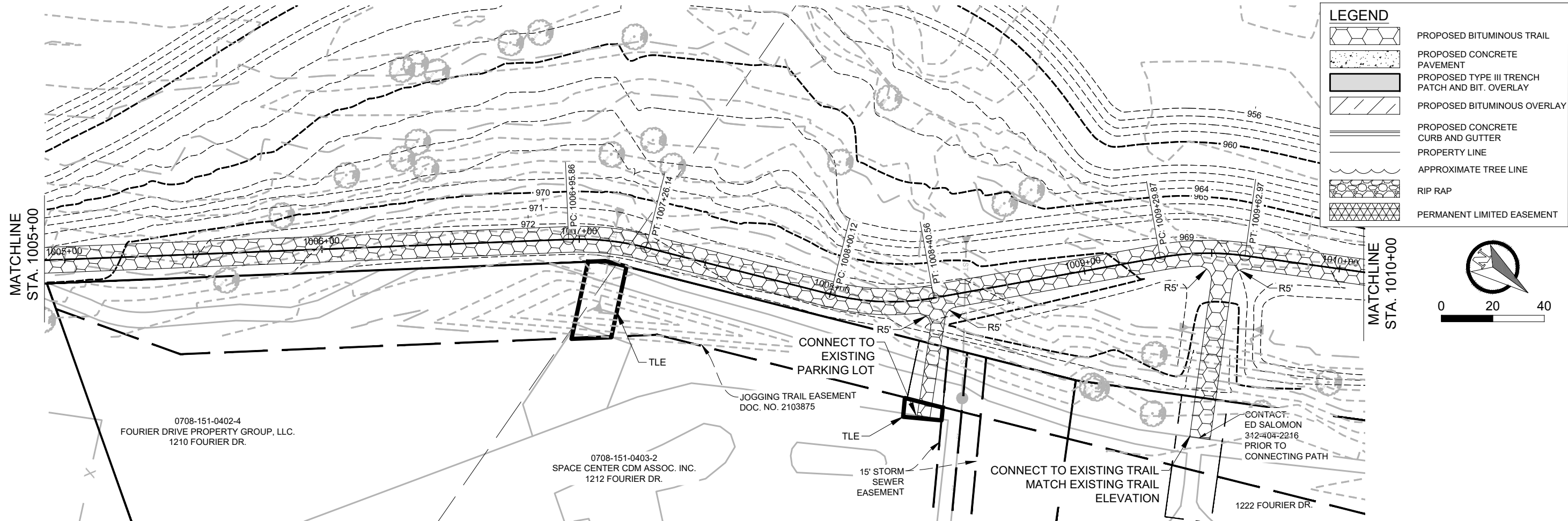


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 MADISON, WI  
 CONTRACT NO: 9517  
 GREENWAY EAST SIDE TRAIL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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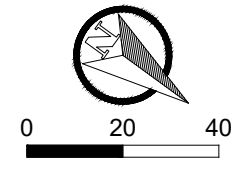






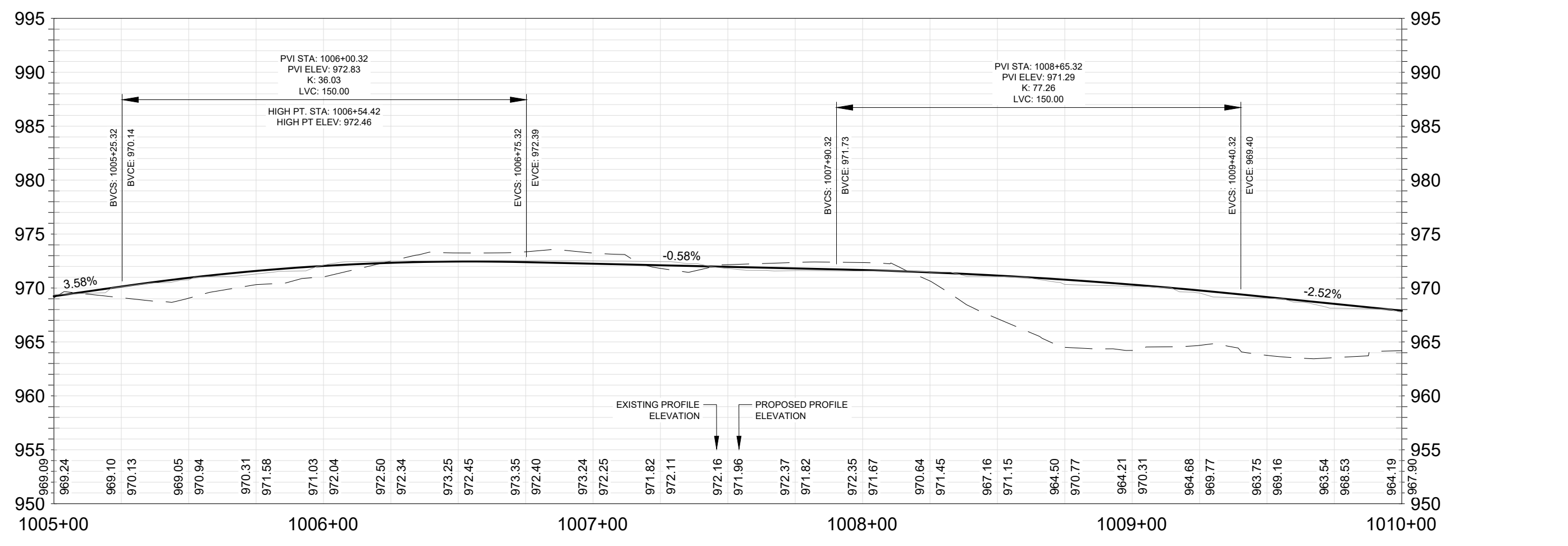
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- PROPOSED CONCRETE PAVEMENT
- PROPOSED TYPE III TRENCH PATCH AND BIT. OVERLAY
- PROPOSED BITUMINOUS OVERLAY
- PROPOSED CONCRETE CURB AND GUTTER
- PROPERTY LINE
- APPROXIMATE TREE LINE
- RIP RAP
- PERMANENT LIMITED EASEMENT



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14370  
MADISON, WI  
CONTRACT NO: 9517

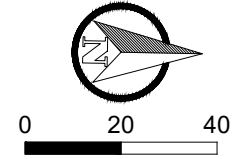


GREENWAY EAST SIDE TRAIL  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
14370  
P10

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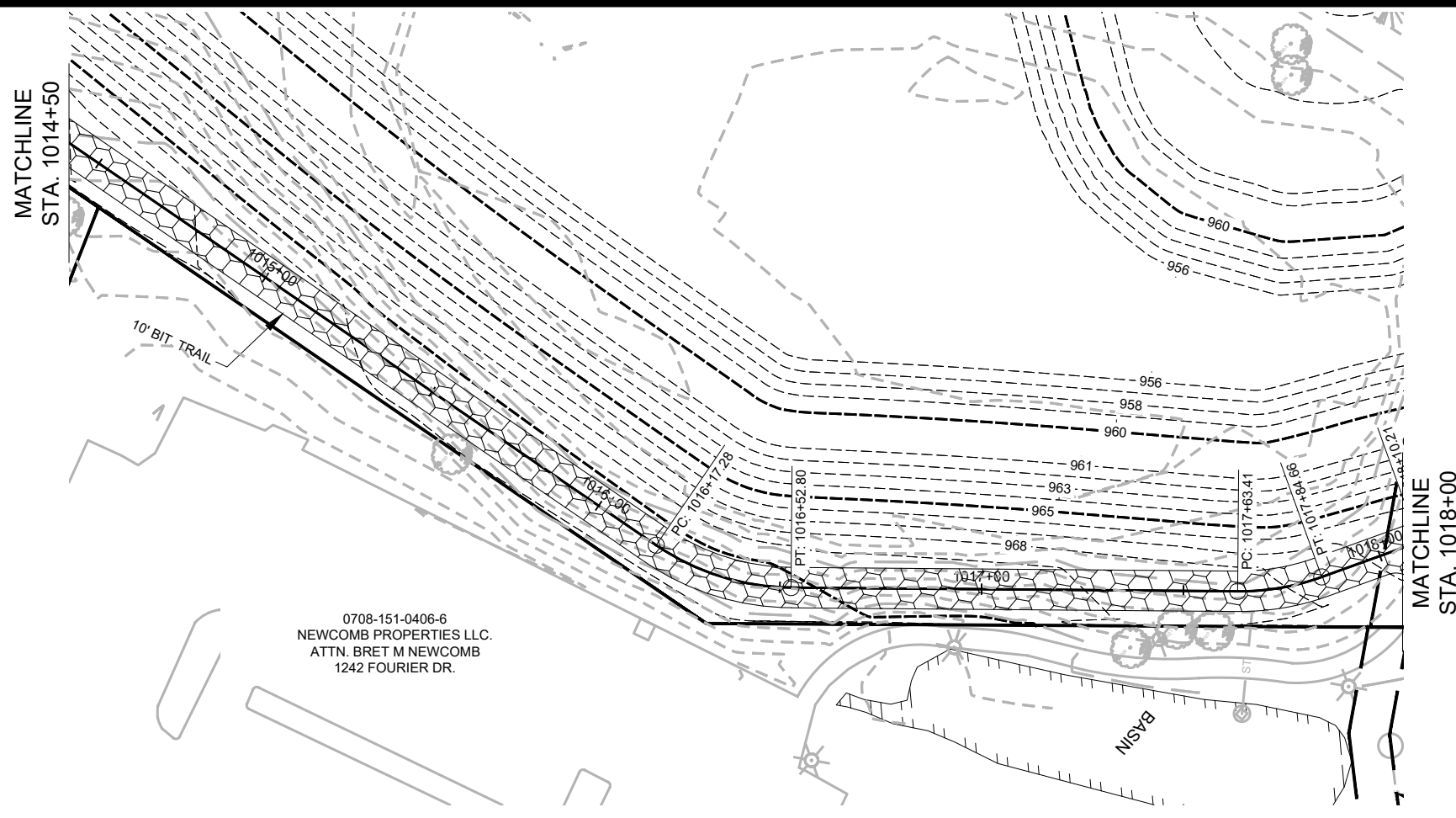
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	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
	APPROXIMATE TREE LINE
	RIP RAP
	PERMANENT LIMITED EASEMENT



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 MADISON, WI  
 GREENWAY EAST SIDE TRAIL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

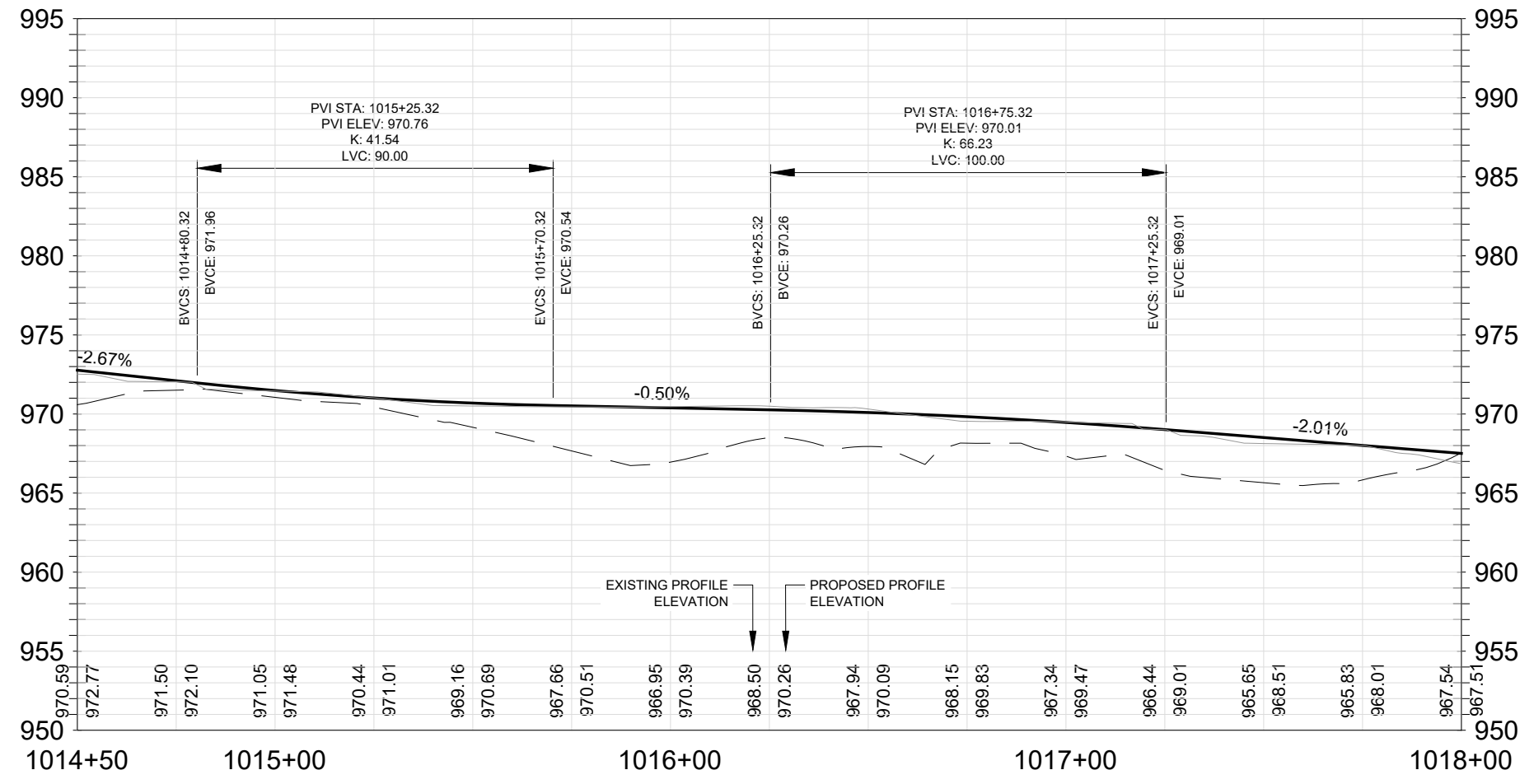
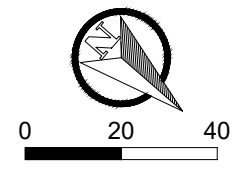


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**LEGEND**

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	PROPOSED BITUMINOUS OVERLAY
	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
	APPROXIMATE TREE LINE
	RIP RAP
	PERMANENT LIMITED EASEMENT



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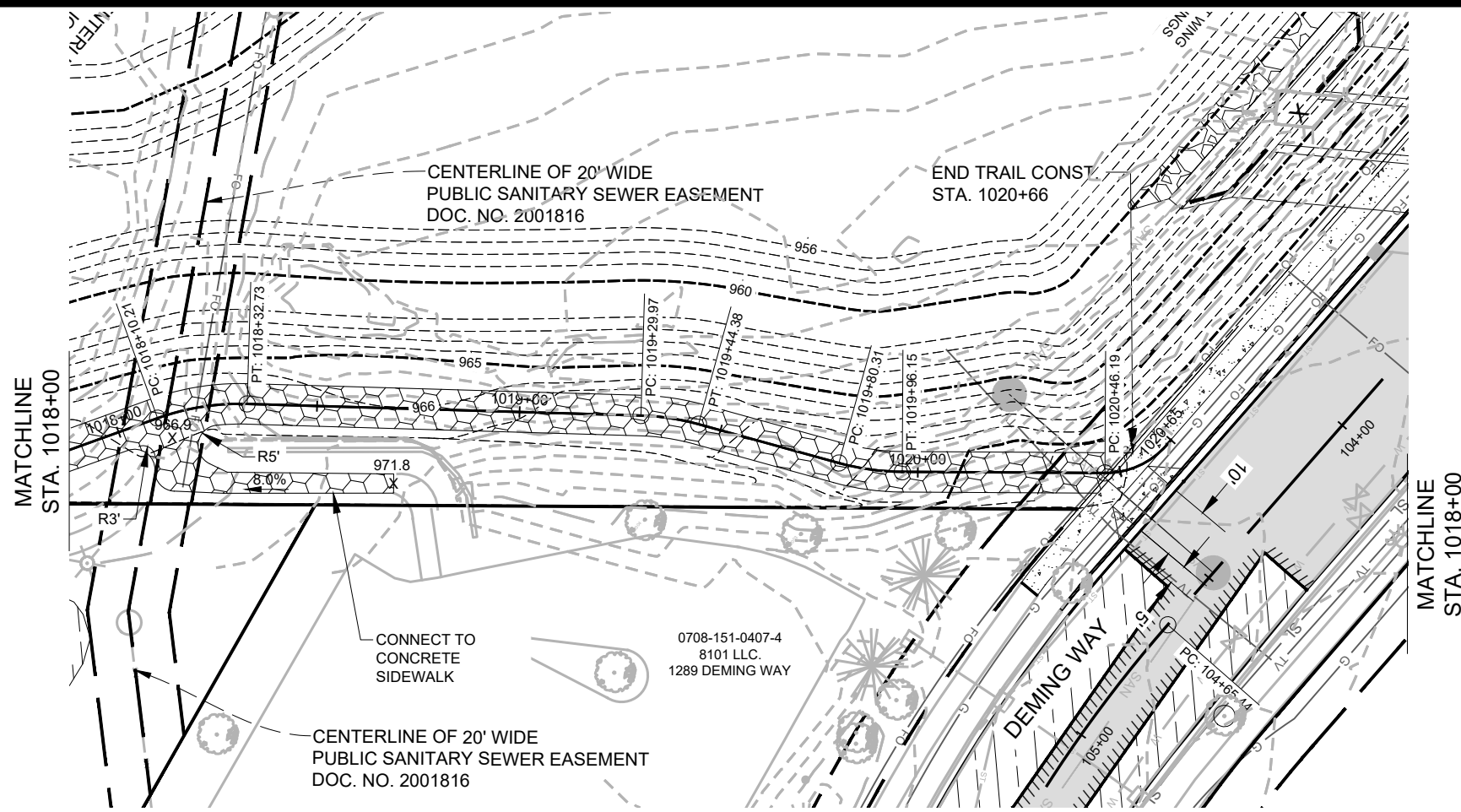
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MADISON, WI  
CONTRACT NO: 9517

GREENWAY EAST SIDE TRAIL  
PHEASANT BRANCH GREENWAY ENHANCEMENT

CITY OF MADISON WISCONSIN

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P12

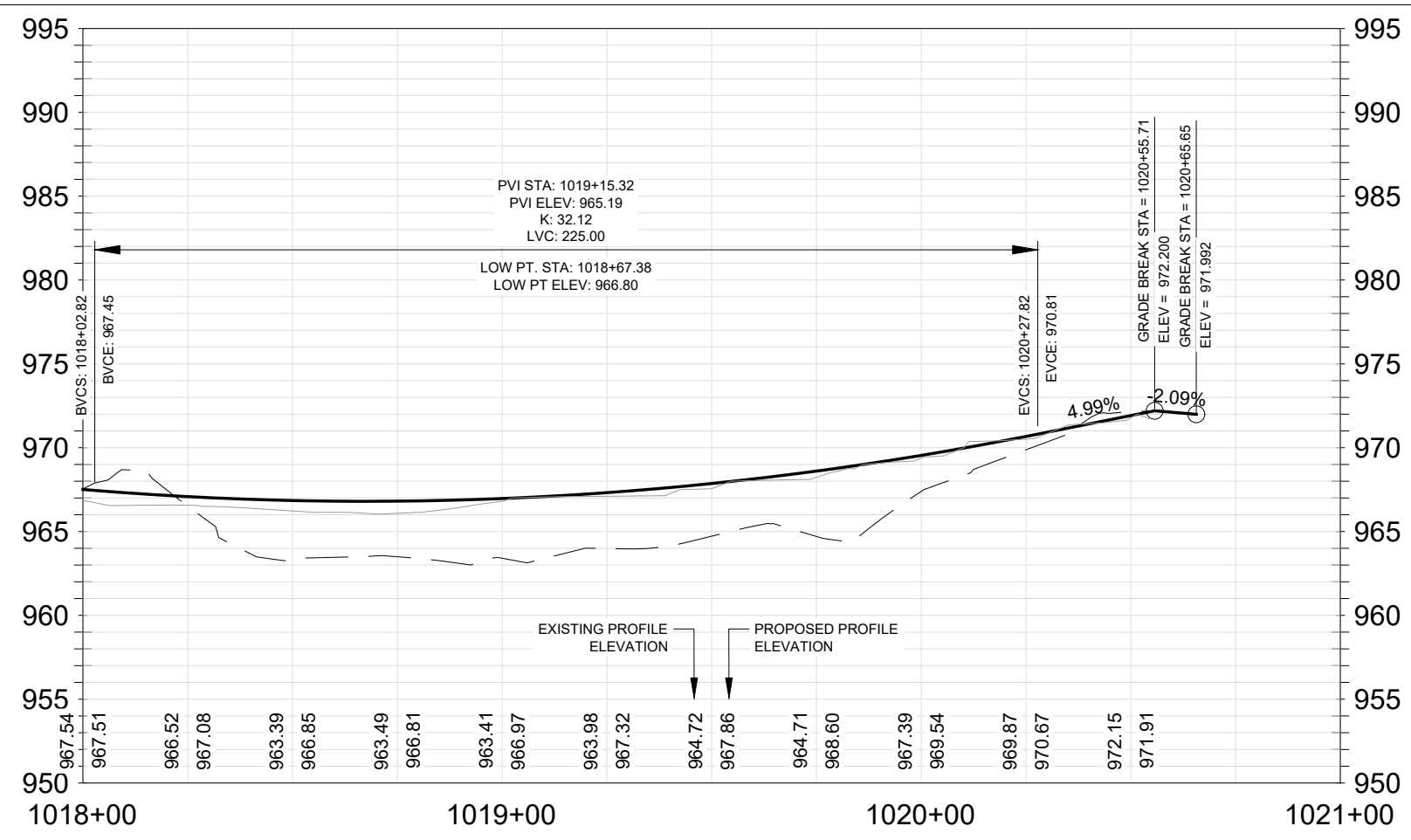
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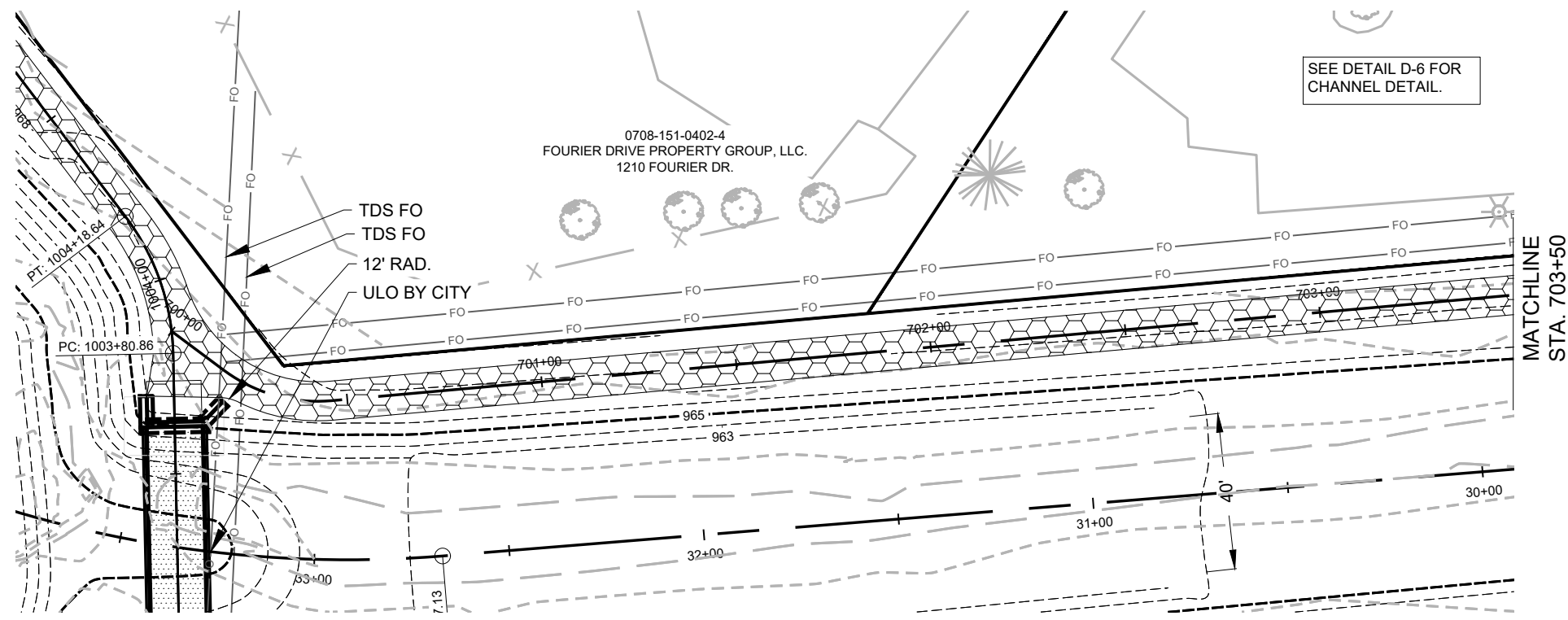
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- PROPOSED CONCRETE CURB AND GUTTER
- PROPERTY LINE
- APPROXIMATE TREE LINE
- RIP RAP
- PERMANENT LIMITED EASEMENT

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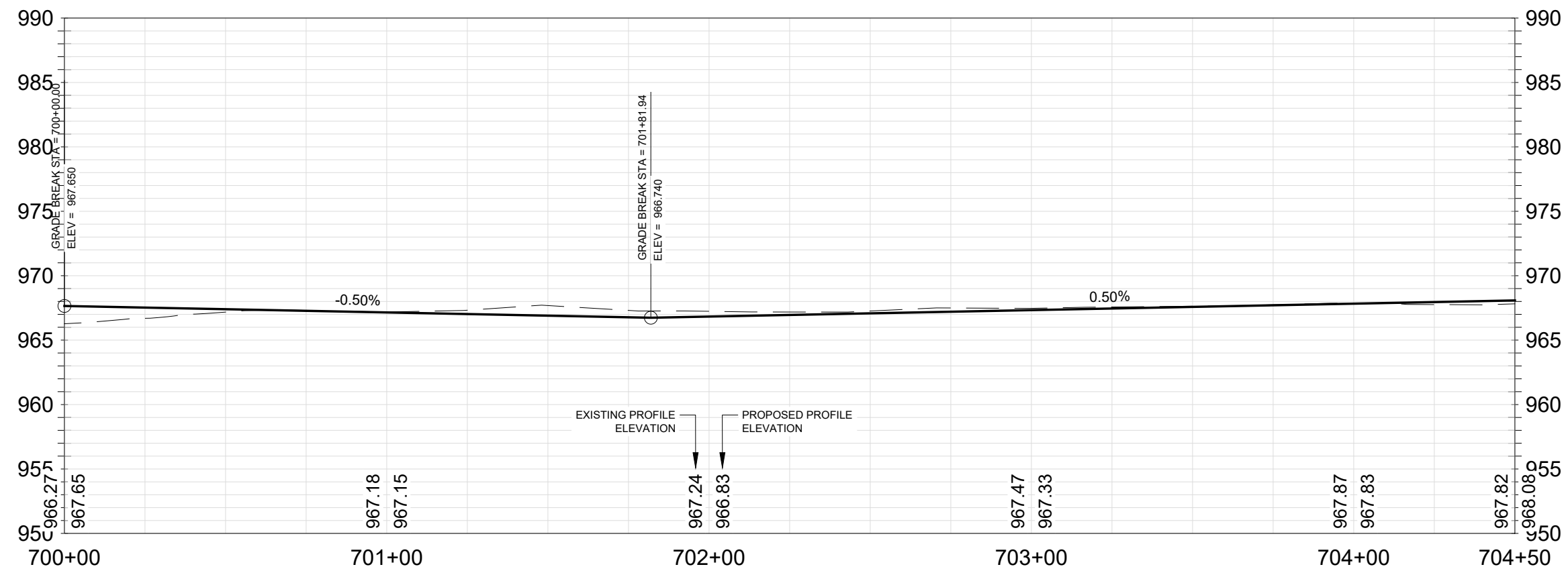
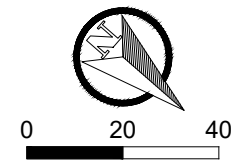
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 9517  
 CONTRACT NO:  
 GREENWAY EAST SIDE TRAIL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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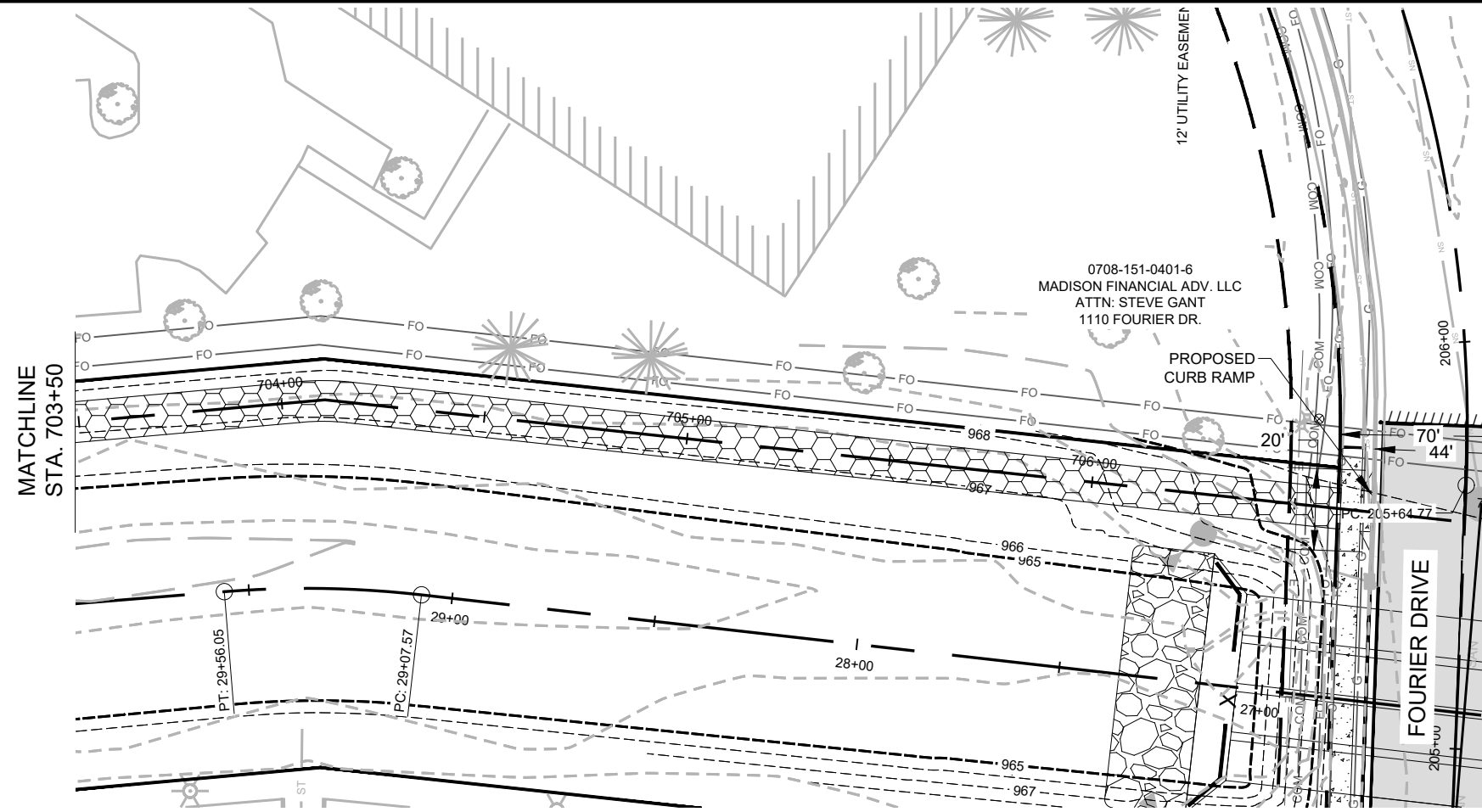


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	PERMANENT LIMITED EASEMENT

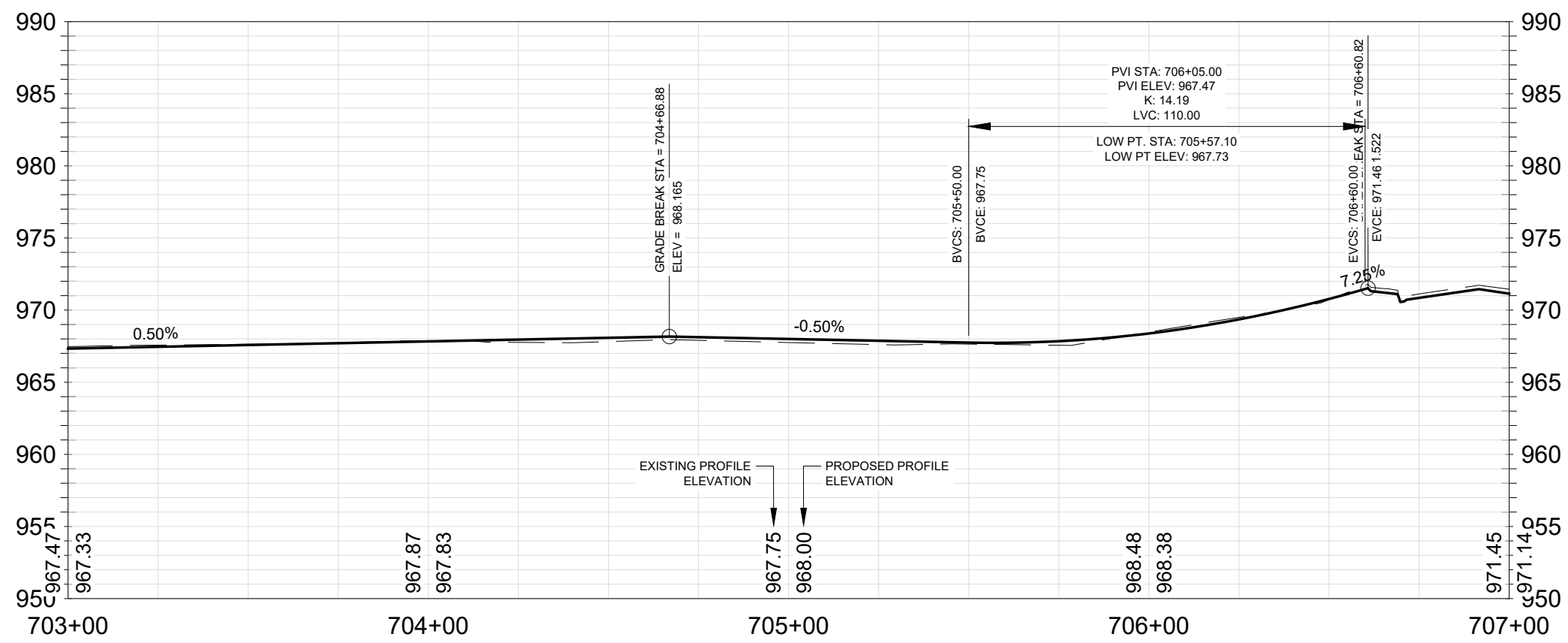


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14370 MADISON, WI 9517 CONTRACT NO:				
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P14				

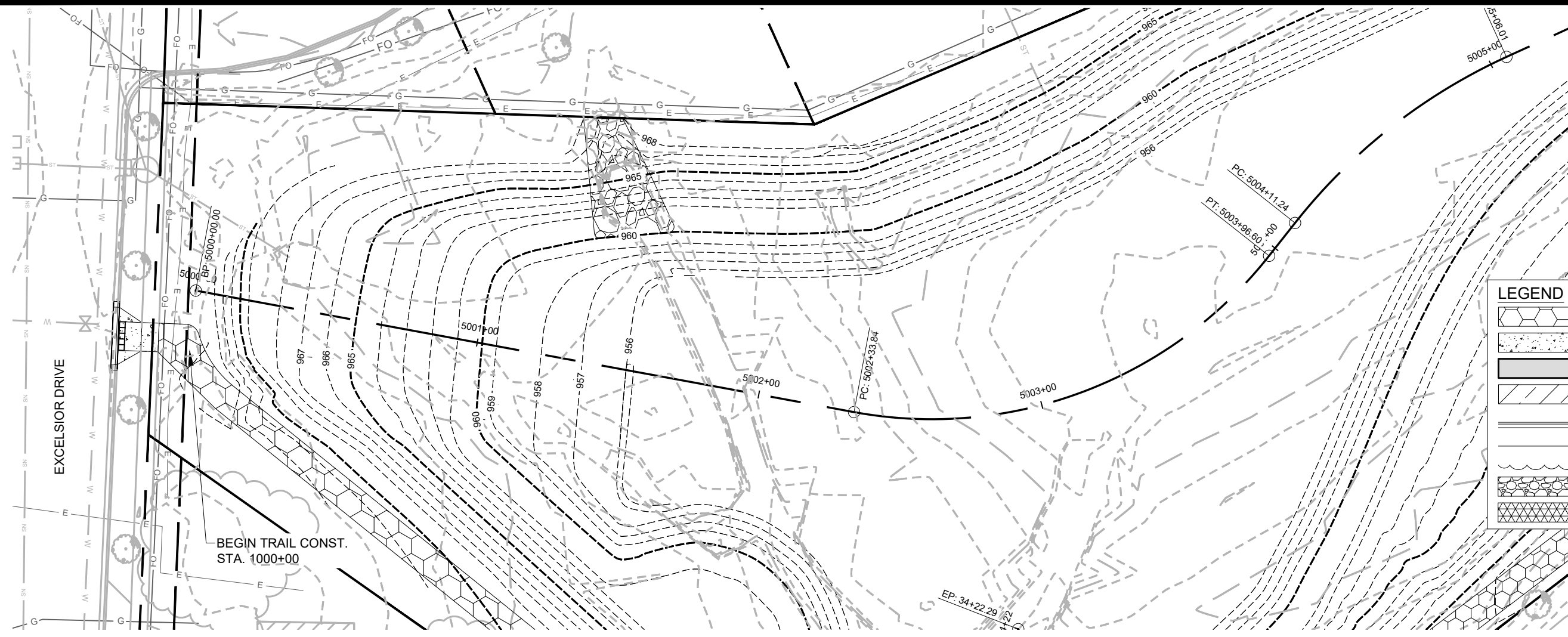


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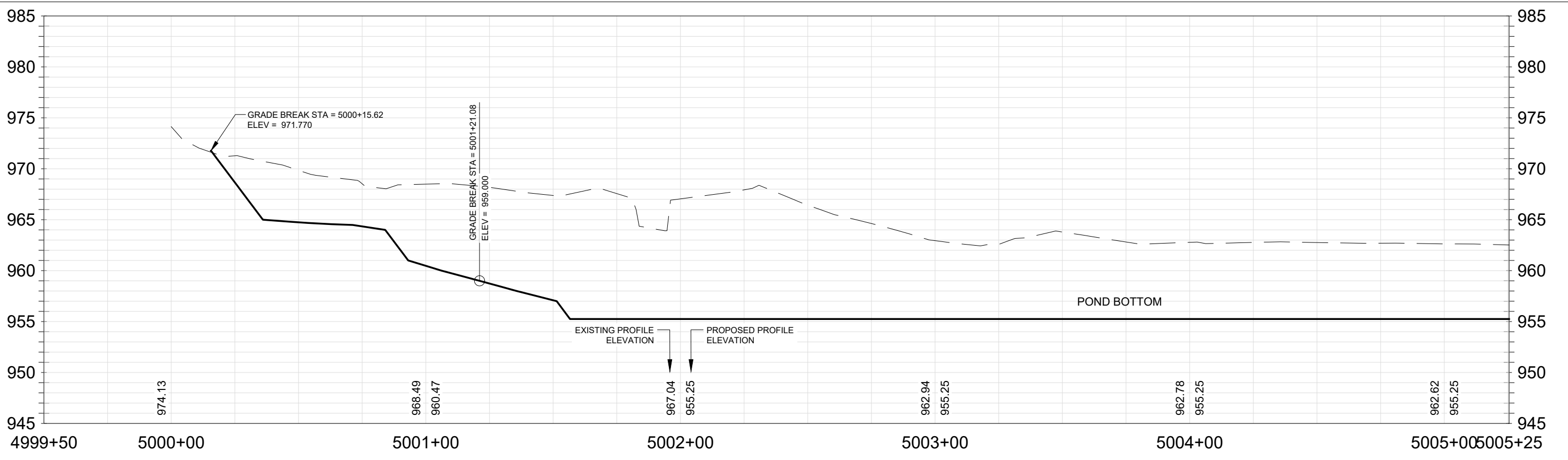
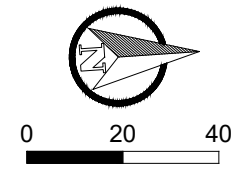
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14370		MADISON, WI		9517			
CONTRACT NO.:							
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P15							



MATCHLINE  
STA. 5005+25

**LEGEND**

- PROPOSED BITUMINOUS TRAIL
- PROPOSED CONCRETE PAVEMENT
- PROPOSED TYPE III TRENCH PATCH AND BIT. OVERLAY
- PROPOSED BITUMINOUS OVERLAY
- PROPOSED CONCRETE CURB AND GUTTER
- PROPERTY LINE
- APPROXIMATE TREE LINE
- RIP RAP
- PERMANENT LIMITED EASEMENT



**GREENWAY PROFILE**

**PHEASANT BRANCH GREENWAY ENHANCEMENT**

**MADISON, WI**

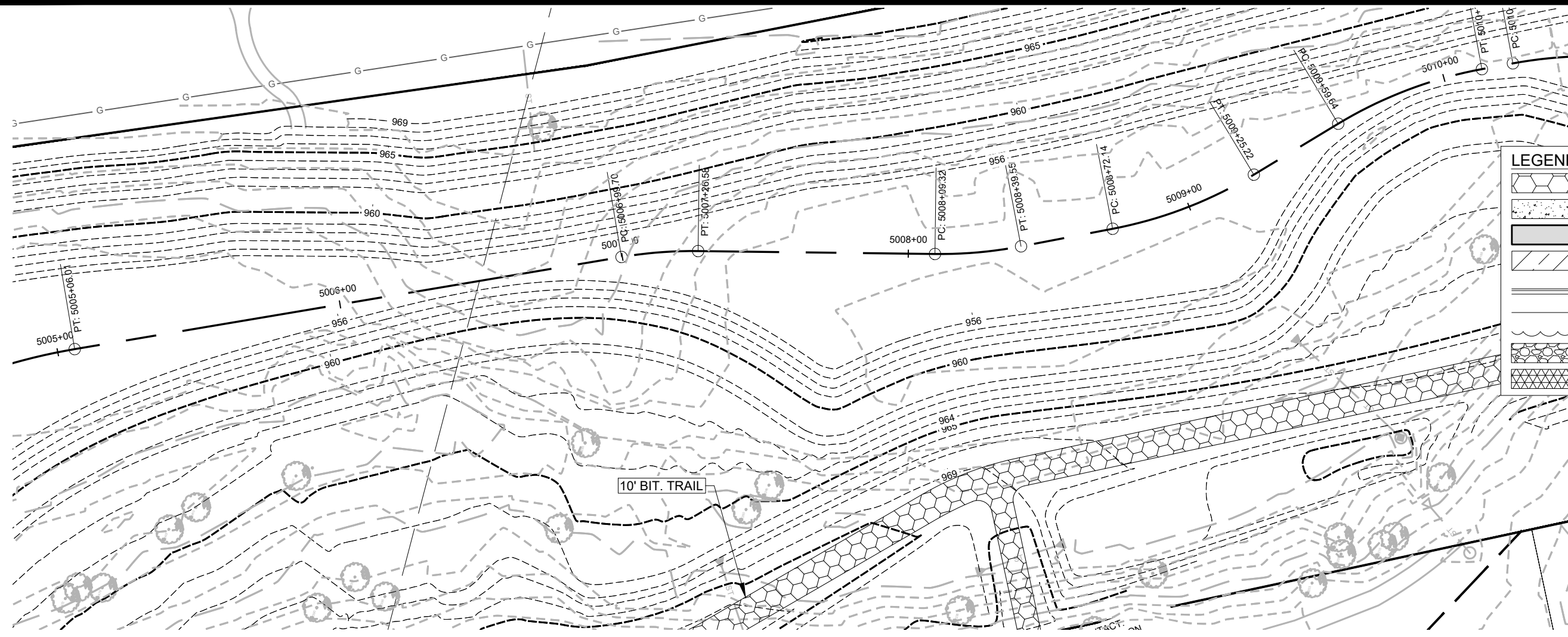
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**P16**

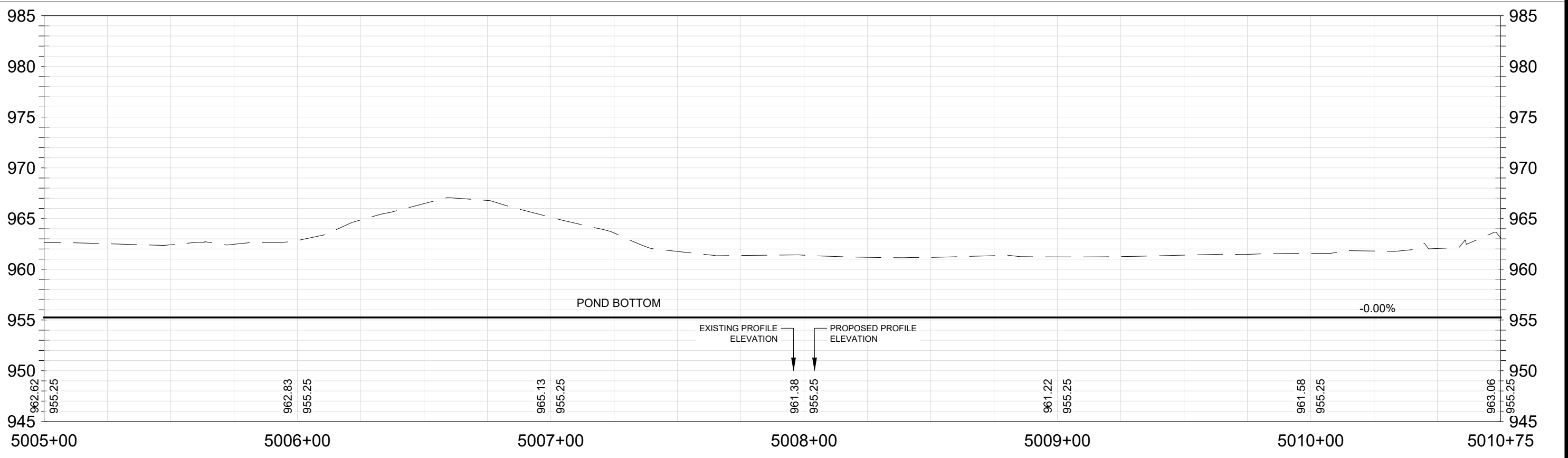
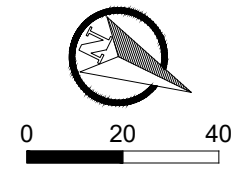
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MATCHLINE  
STA. 5010+25

- LEGEND**
- PROPOSED BITUMINOUS TRAIL
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  - PROPOSED CONCRETE CURB AND GUTTER
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  - PERMANENT LIMITED EASEMENT



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MADISON, WI  
9517  
CONTRACT NO:

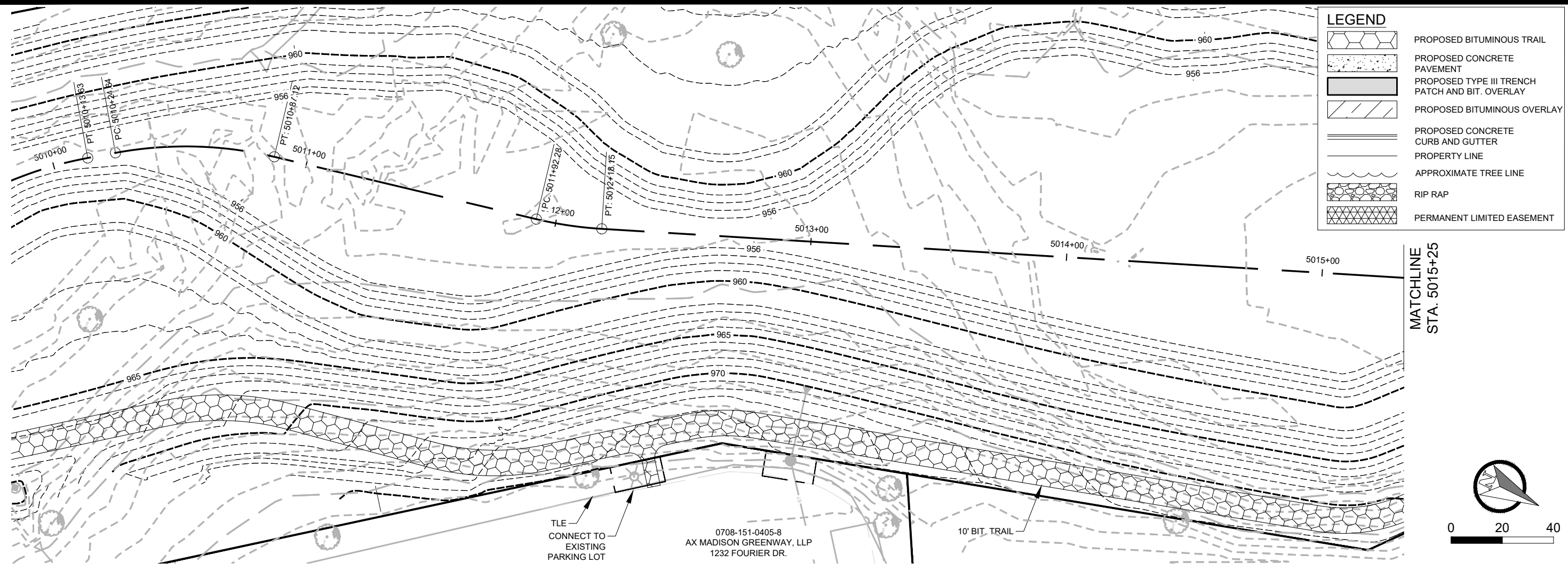
GREENWAY PROFILE  
PHEASANT BRANCH GREENWAY ENHANCEMENT

14370  
P17

City of Madison Wisconsin logo

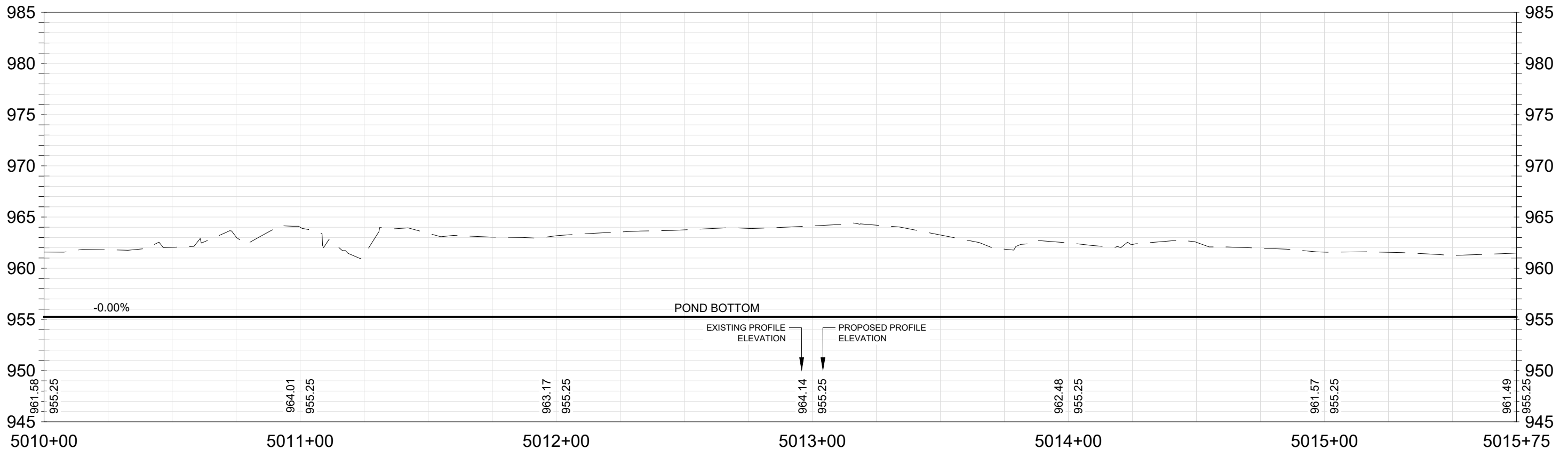
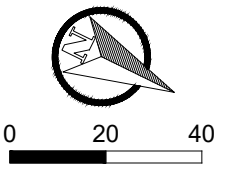
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	PROPOSED TYPE III TRENCH PATCH AND BIT. OVERLAY
	PROPOSED BITUMINOUS OVERLAY
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MATCHLINE  
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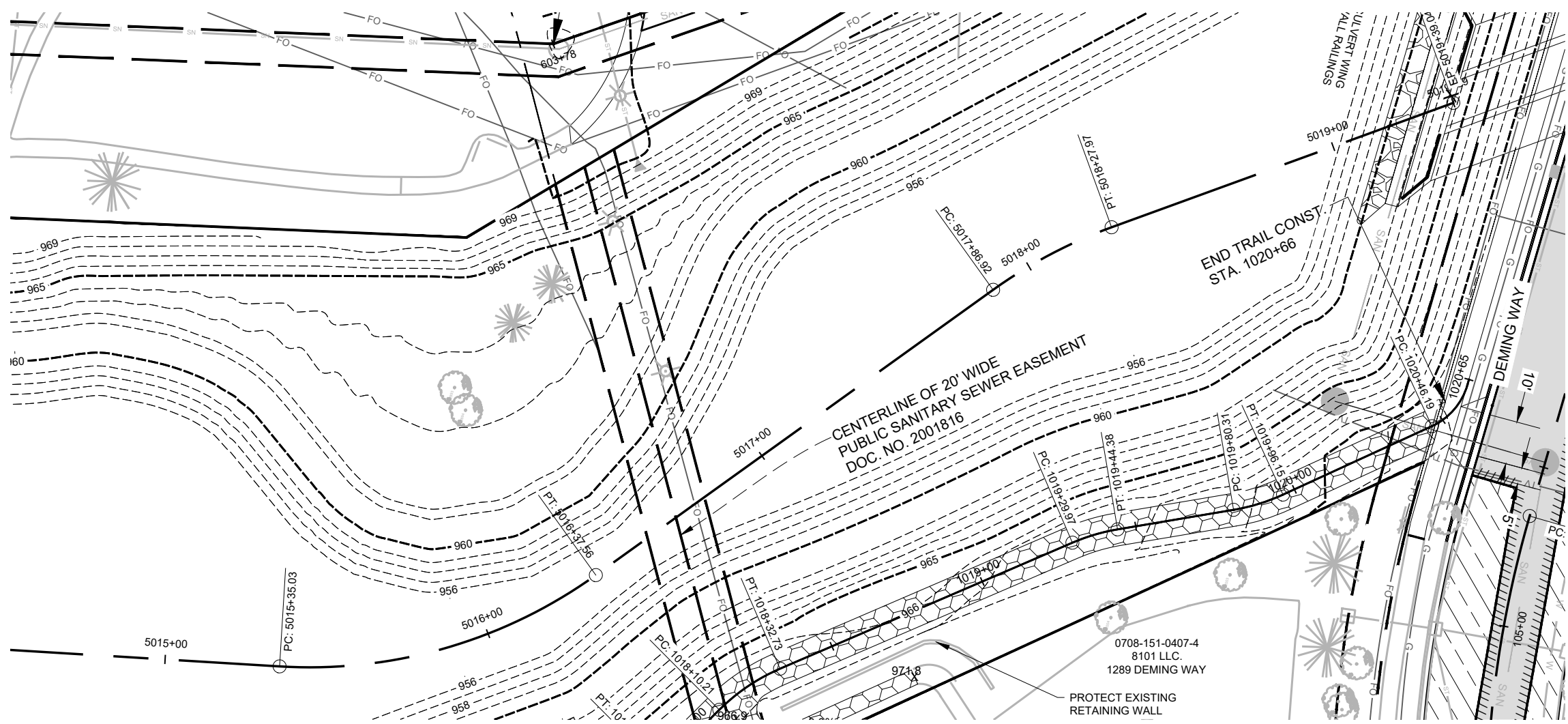


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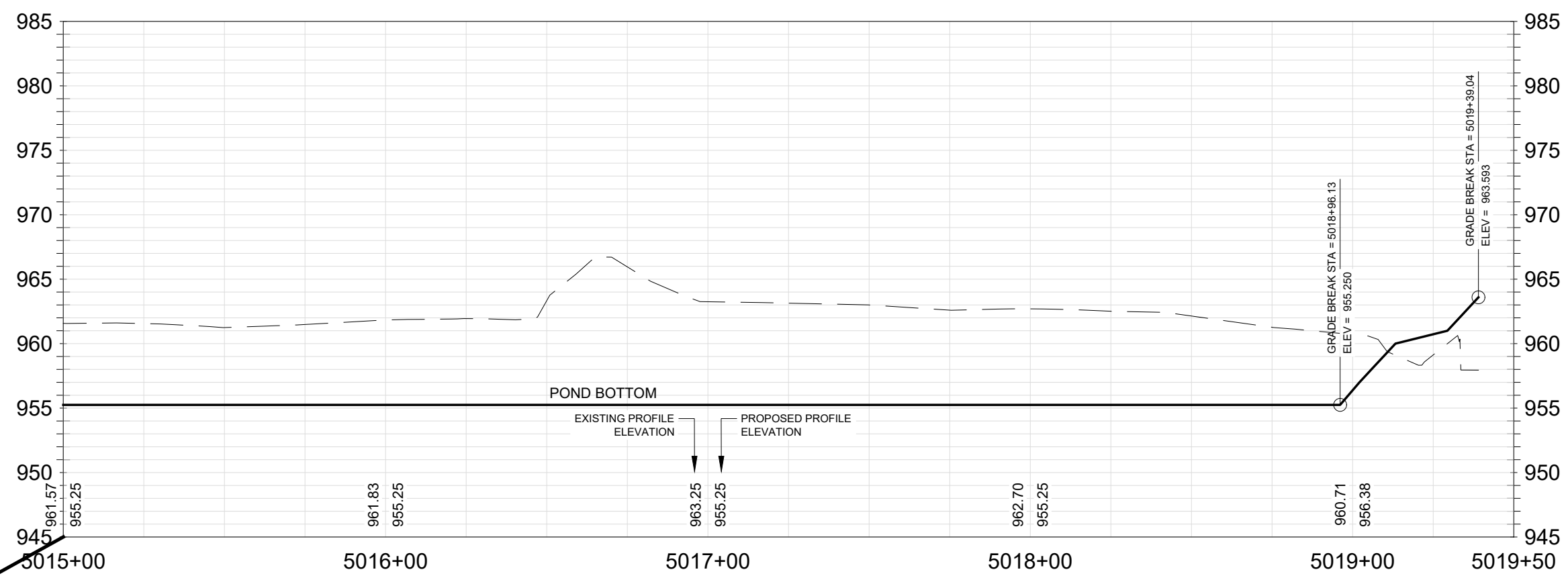
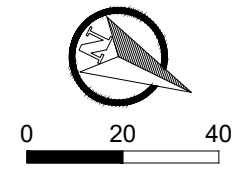
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PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
P18



LEGEND	
	PROPOSED BITUMINOUS TRAIL
	PROPOSED CONCRETE PAVEMENT
	PROPOSED TYPE III TRENCH PATCH AND BIT. OVERLAY
	PROPOSED BITUMINOUS OVERLAY
	PROPOSED CONCRETE CURB AND GUTTER
	PROPERTY LINE
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	PERMANENT LIMITED EASEMENT



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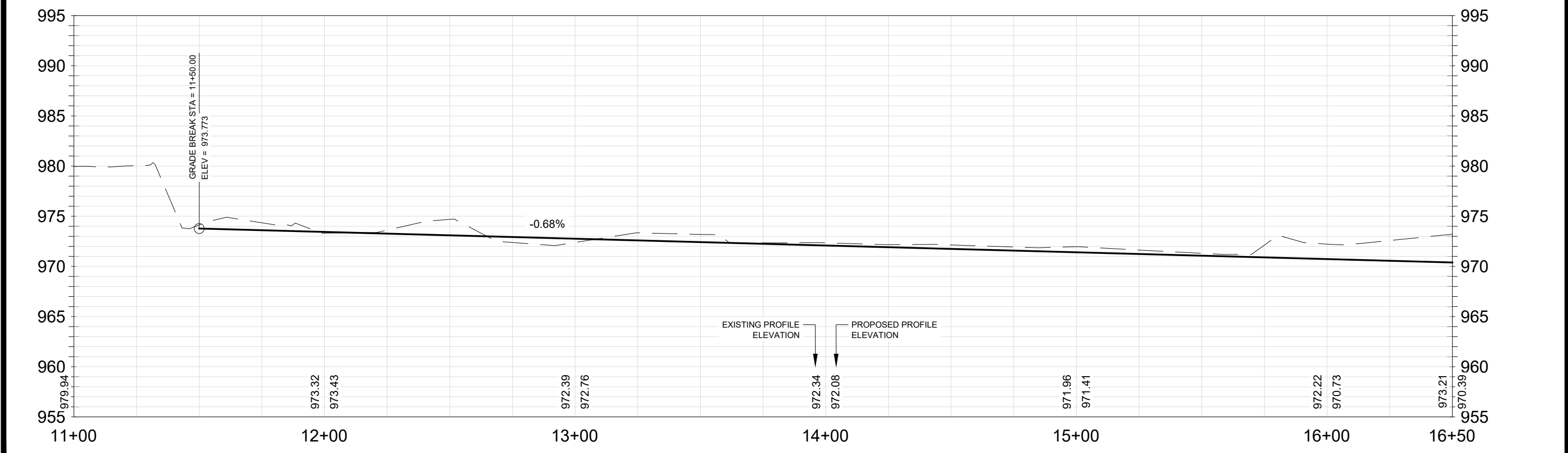
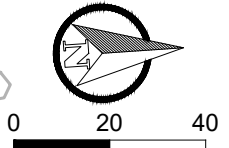
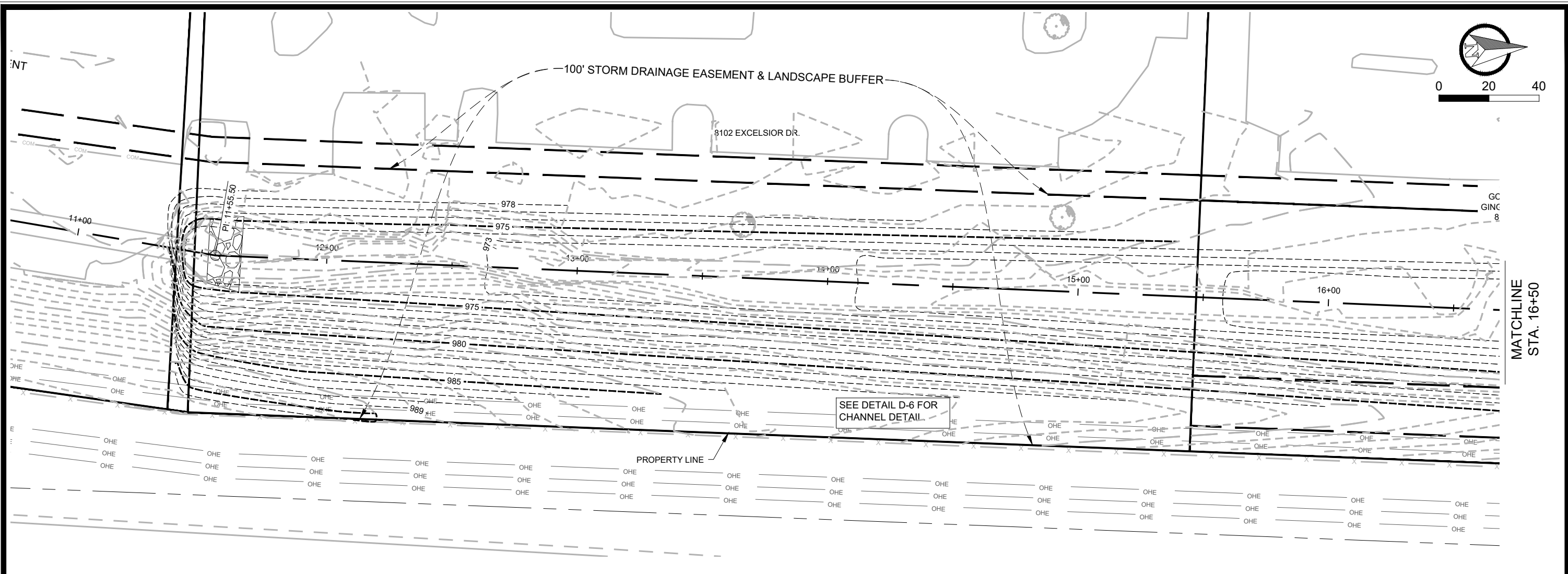
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14370  
MADISON, WI  
CONTRACT NO.: 9517

GREENWAY PROFILE  
PHEASANT BRANCH GREENWAY ENHANCEMENT

Z:\Clients\A\_D\City\_of\_Madison\Pheasant\_Branch\_Greenway\_Enhancement\Engineering\Plan\_Sheets\2023.0227\_Sheet\_Plan.dwg

14370  
P19



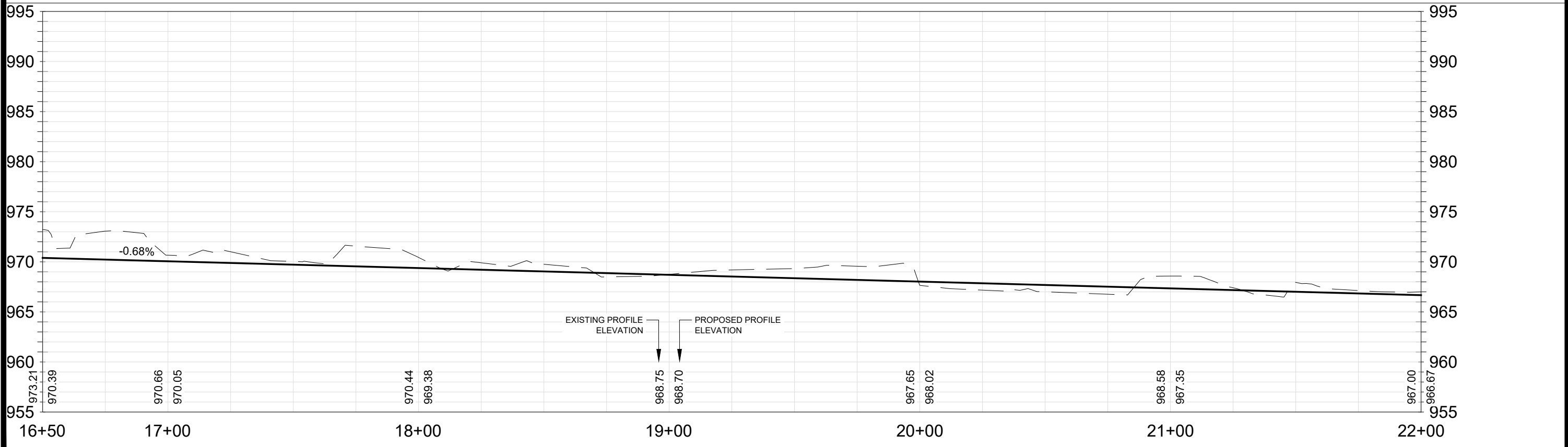
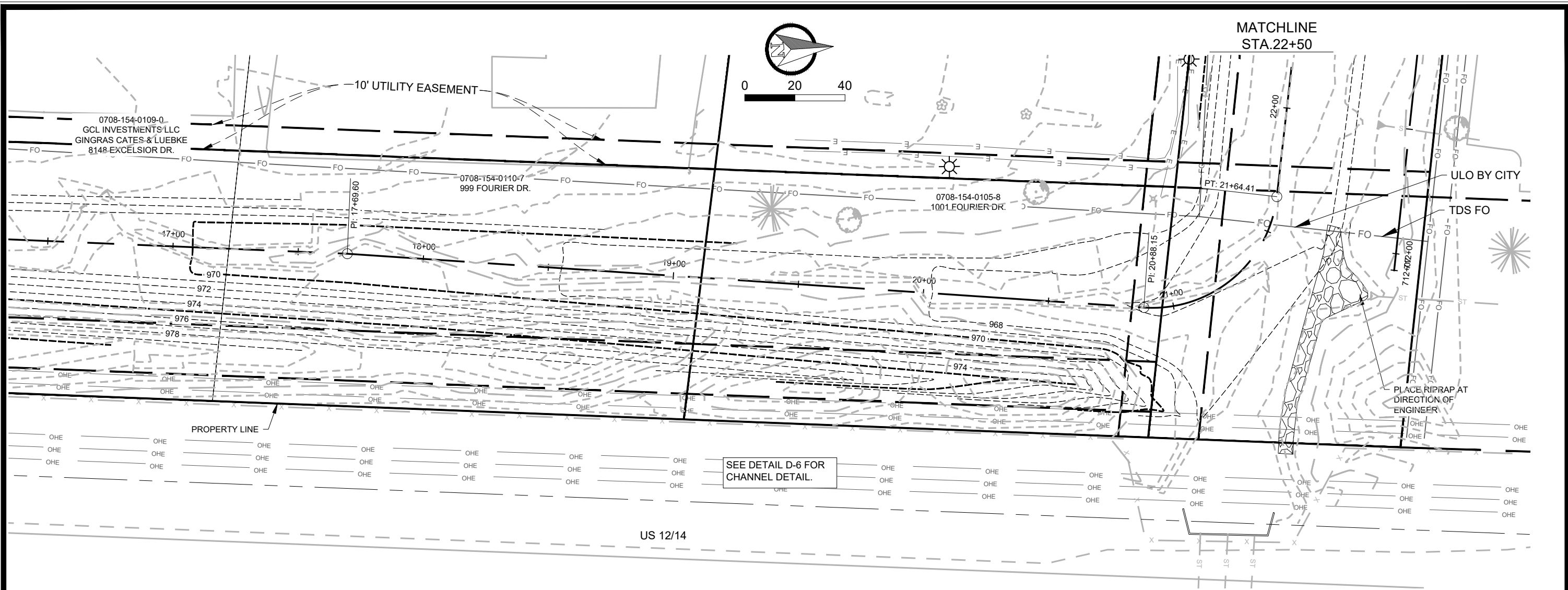
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14370  
MADISON, WI  
CONTRACT NO: 9517

CHANNEL PROFILE  
PHEASANT BRANCH GREENWAY ENHANCEMENT

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14370  
P20



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STA. 22+50

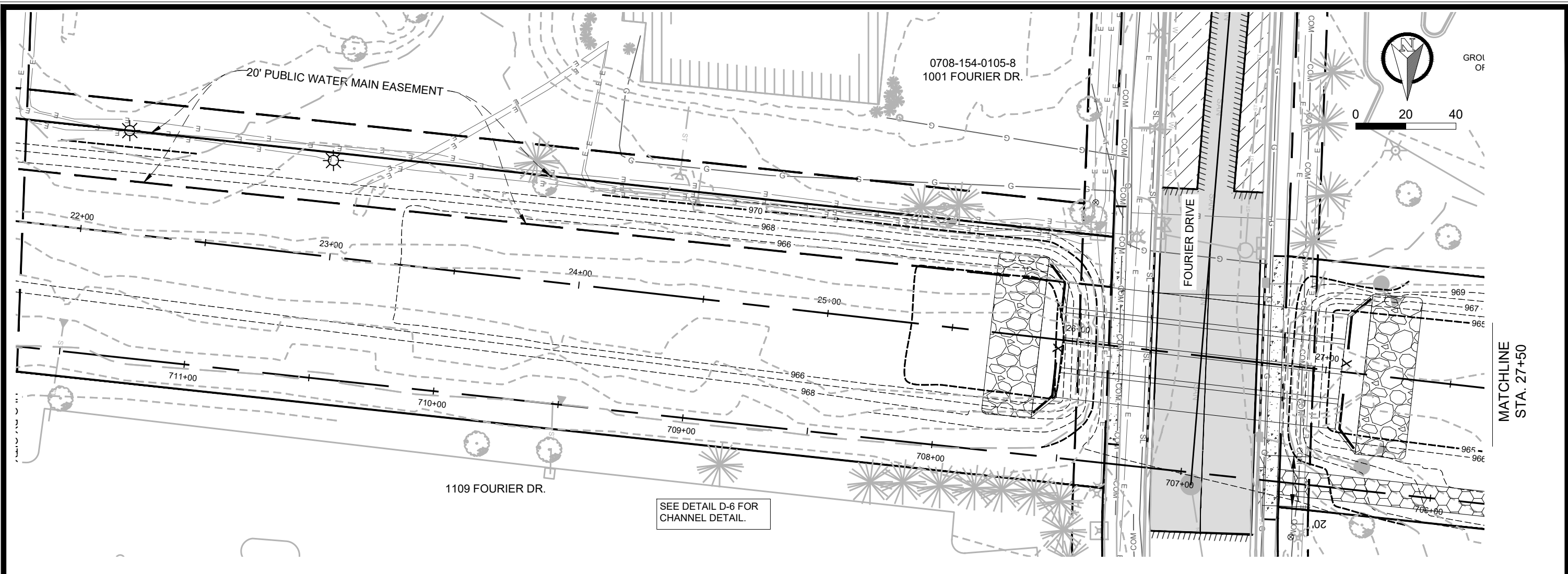
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CHANNEL DETAIL.

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PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO.: 9517

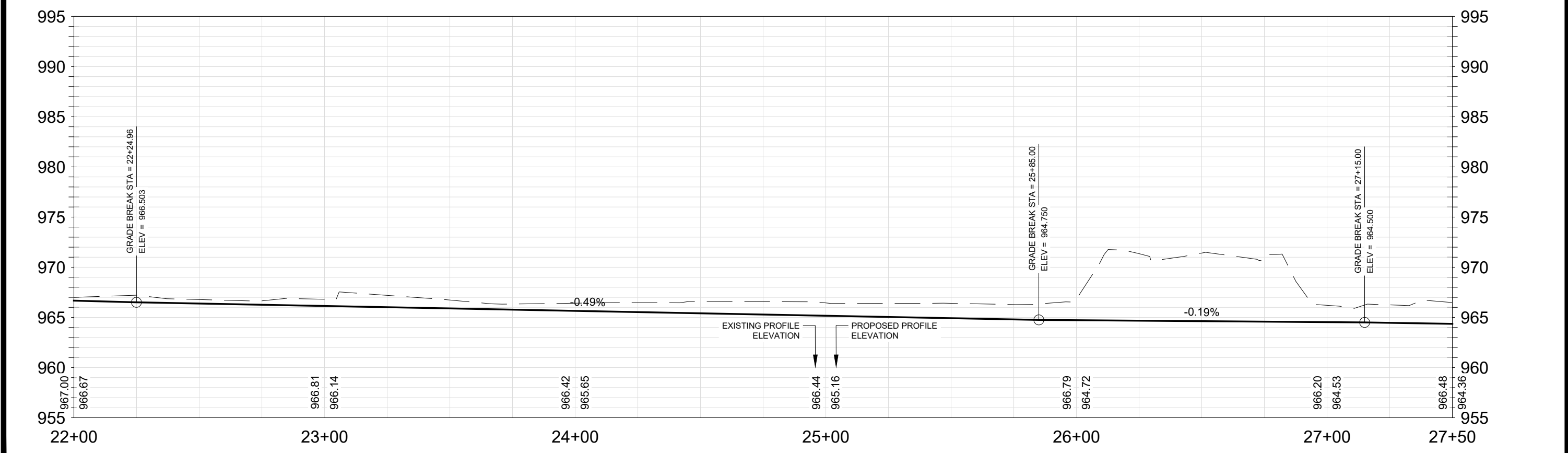


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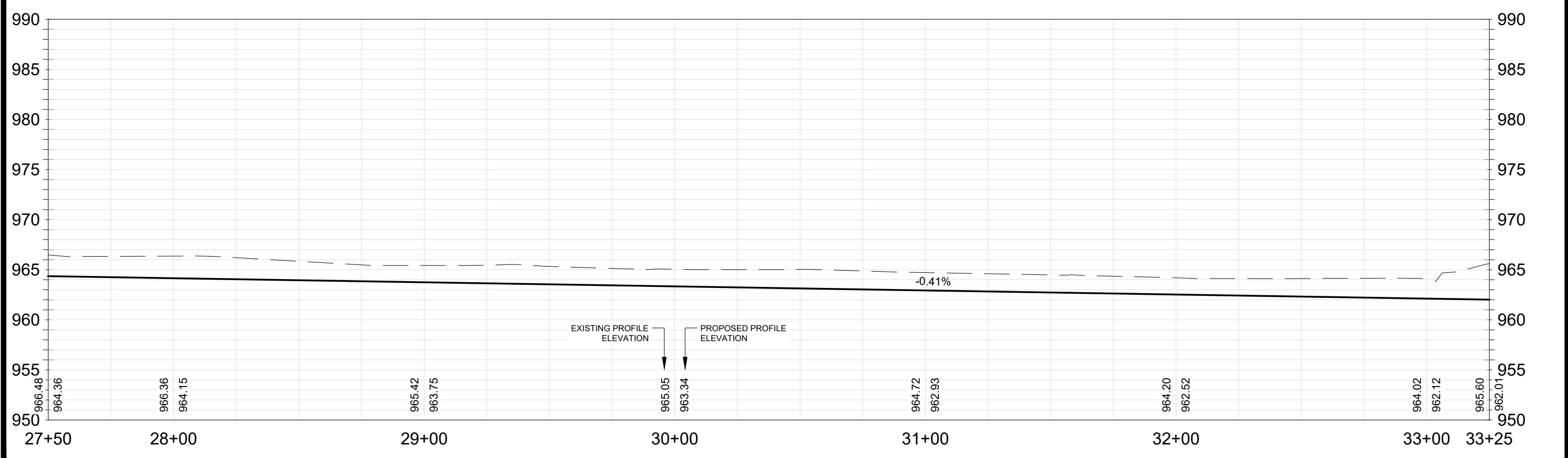
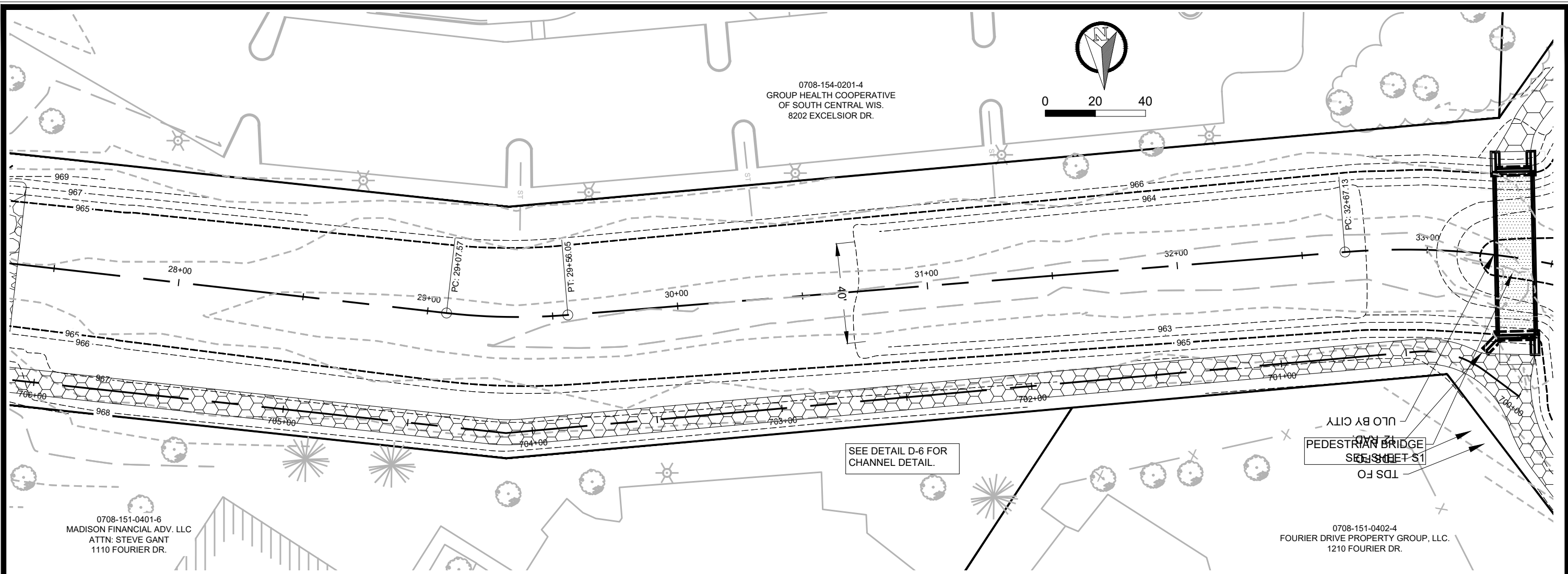
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 MADISON, WI  
 CONTRACT NO: 9517



CHANNEL PROFILE  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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 P22



14370  
 P22



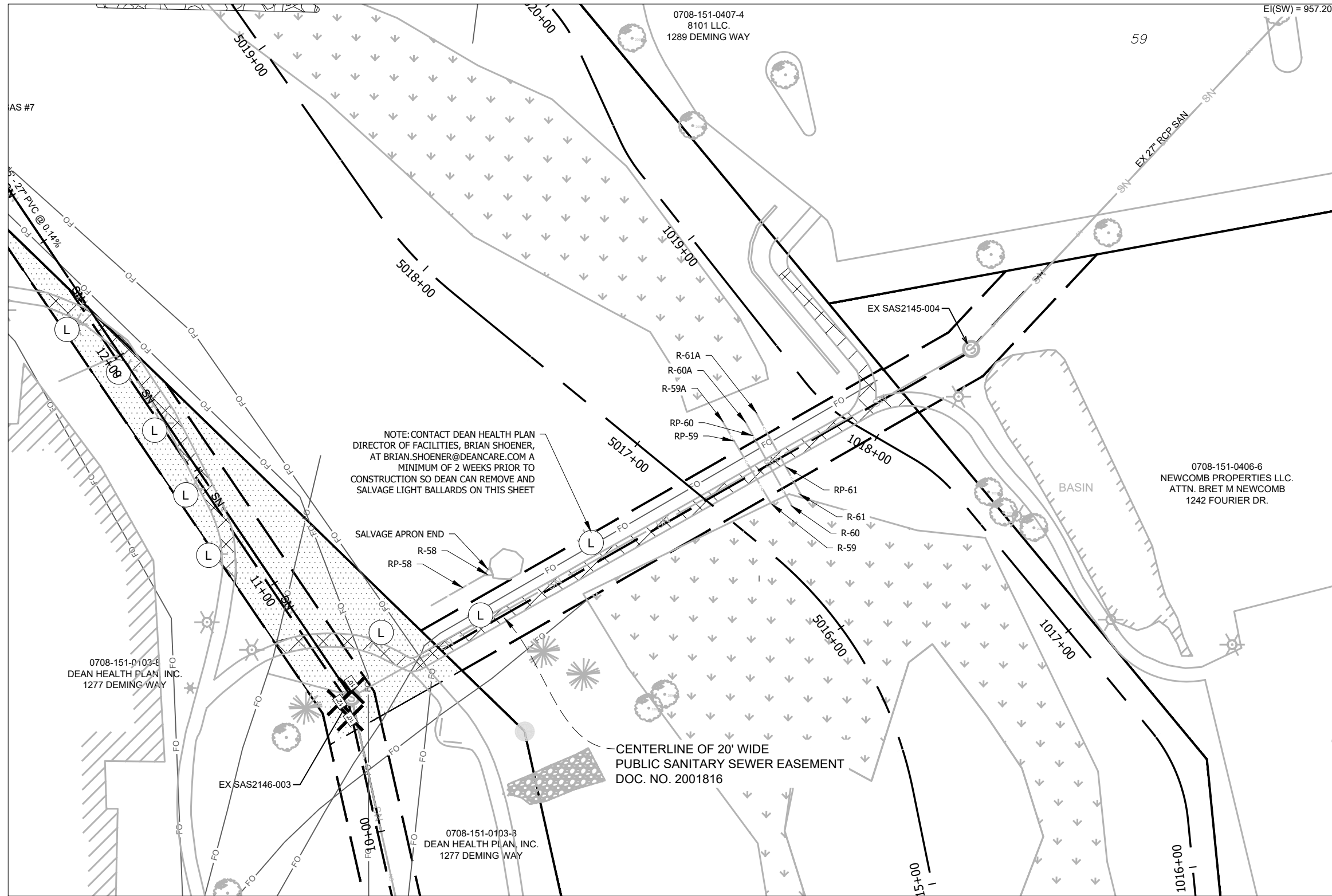
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14370 MADISON, WI 9517 CONTRACT NO:

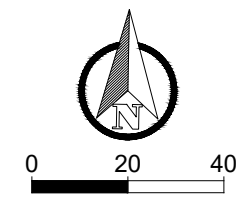
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PHEASANT BRANCH GREENWAY ENHANCEMENT

14370  
P23

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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 BITUMINOUS PAVEMENT
	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 ON THIS SHEET

SALVAGE APRON END  
R-58  
RP-58

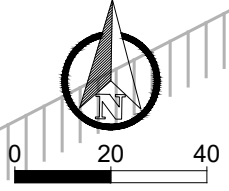
CENTERLINE OF 20' WIDE PUBLIC SANITARY SEWER EASEMENT DOC. NO. 2001816

- 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.


<b>14370</b>	<b>MADISON, WI</b>	<b>9517</b>	<b>P24</b>
GREENWAY TRAIL REMOVAL			
PHEASANT BRANCH GREENWAY ENHANCEMENT			
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14370		P24	
CONTRACT NO:			



LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10\"/>	

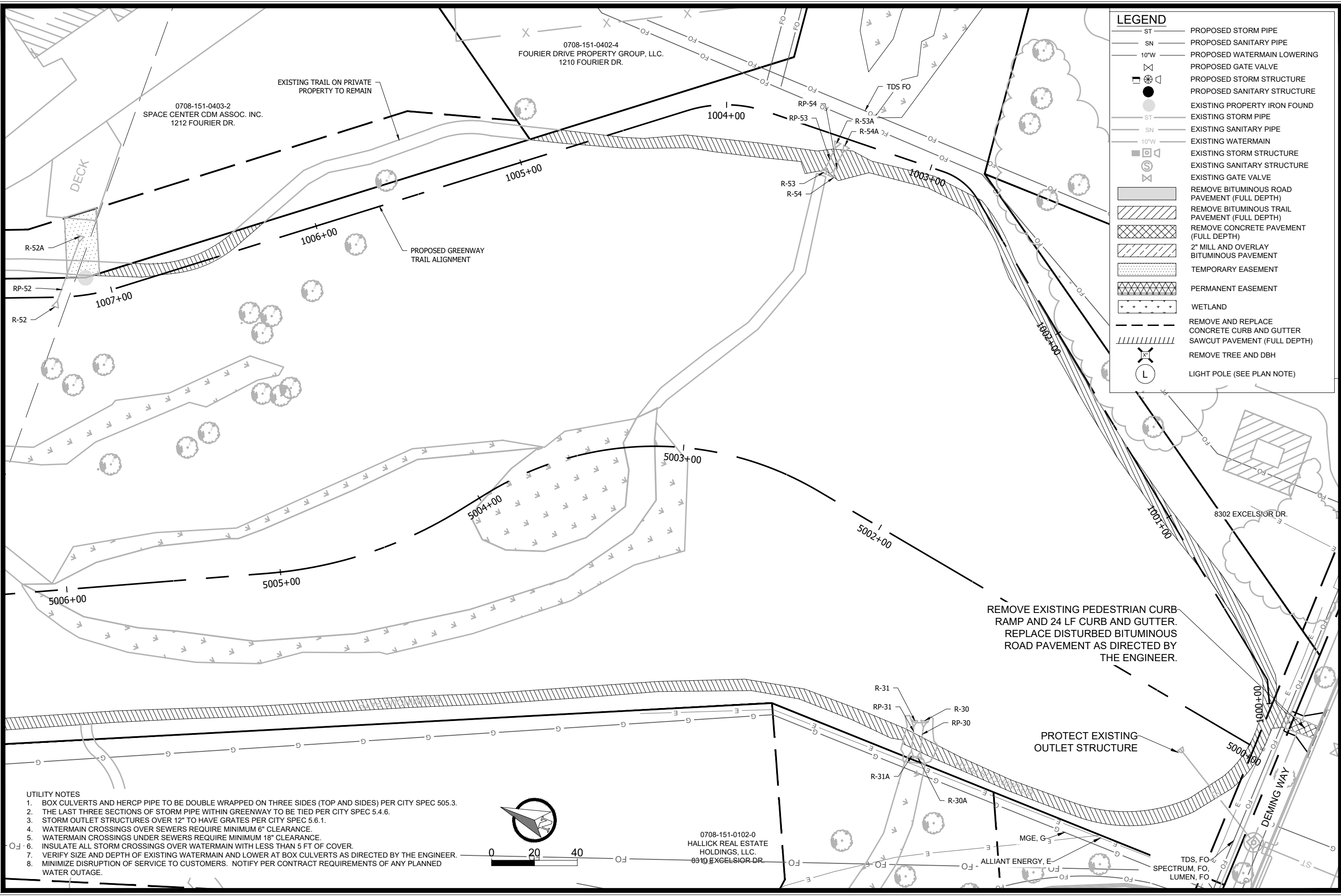


NOTE: CONTACT DEAN HEALTH PLAN DIRECTOR OF FACILITIES, BRIAN SHOENER, AT BRIAN.SHOENER@DEANCARE.COM A MINIMUM OF 2 WEEKS PRIOR TO CONSTRUCTION SO DEAN CAN REMOVE AND SALVAGE LIGHT BALLARDS

<b>GREENWAY TRAIL REMOVAL</b> <b>PHEASANT BRANCH GREENWAY ENHANCEMENT</b>	<b>14370</b> <b>MADISON, WI</b> <b>9517</b>	<b>CONTRACT NO:</b> <b>14370</b>																
	<b>14370</b> <b>P25</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MARK</th> <th>REVISION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	MARK	REVISION	DATE	BY												
MARK	REVISION	DATE	BY															

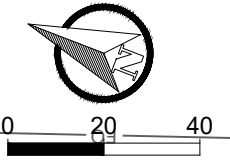






LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
X	PROPOSED GATE VALVE
⊠	PROPOSED STORM STRUCTURE
●	PROPOSED SANITARY STRUCTURE
○	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
⊠	EXISTING STORM STRUCTURE
⊠	EXISTING SANITARY STRUCTURE
X	EXISTING GATE VALVE
▨	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
▨	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
▨	REMOVE CONCRETE PAVEMENT (FULL DEPTH)
▨	2" MILL AND OVERLAY BITUMINOUS PAVEMENT
▨	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**
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  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.



REMOVE EXISTING PEDESTRIAN CURB RAMP AND 24 LF CURB AND GUTTER. REPLACE DISTURBED BITUMINOUS ROAD PAVEMENT AS DIRECTED BY THE ENGINEER.

PROTECT EXISTING OUTLET STRUCTURE

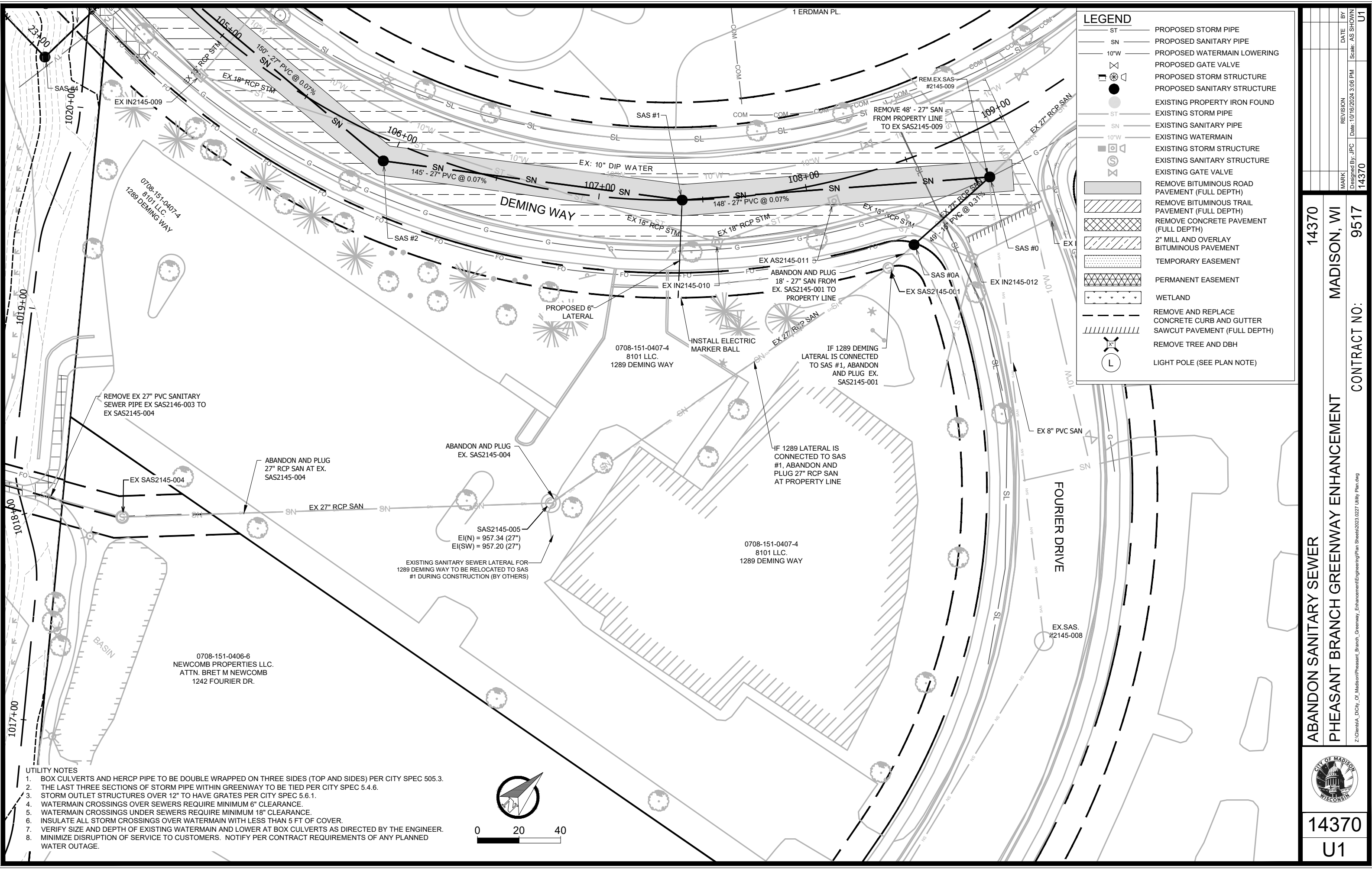
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14370	MADISON, WI	9517	CHECKED BY	DATE
14370	MADISON, WI	9517	SCALE	AS SHOWN
14370	MADISON, WI	9517	DATE	P27

**GREENWAY TRAIL REMOVAL**  
**PHEASANT BRANCH GREENWAY ENHANCEMENT**

14370  
P27

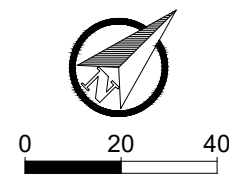
CONTRACT NO: 9517

City of Madison Wisconsin logo



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 BITUMINOUS PAVEMENT
	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)

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MARK	REVISION	DATE	BY
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14370  
MADISON, WI  
9517

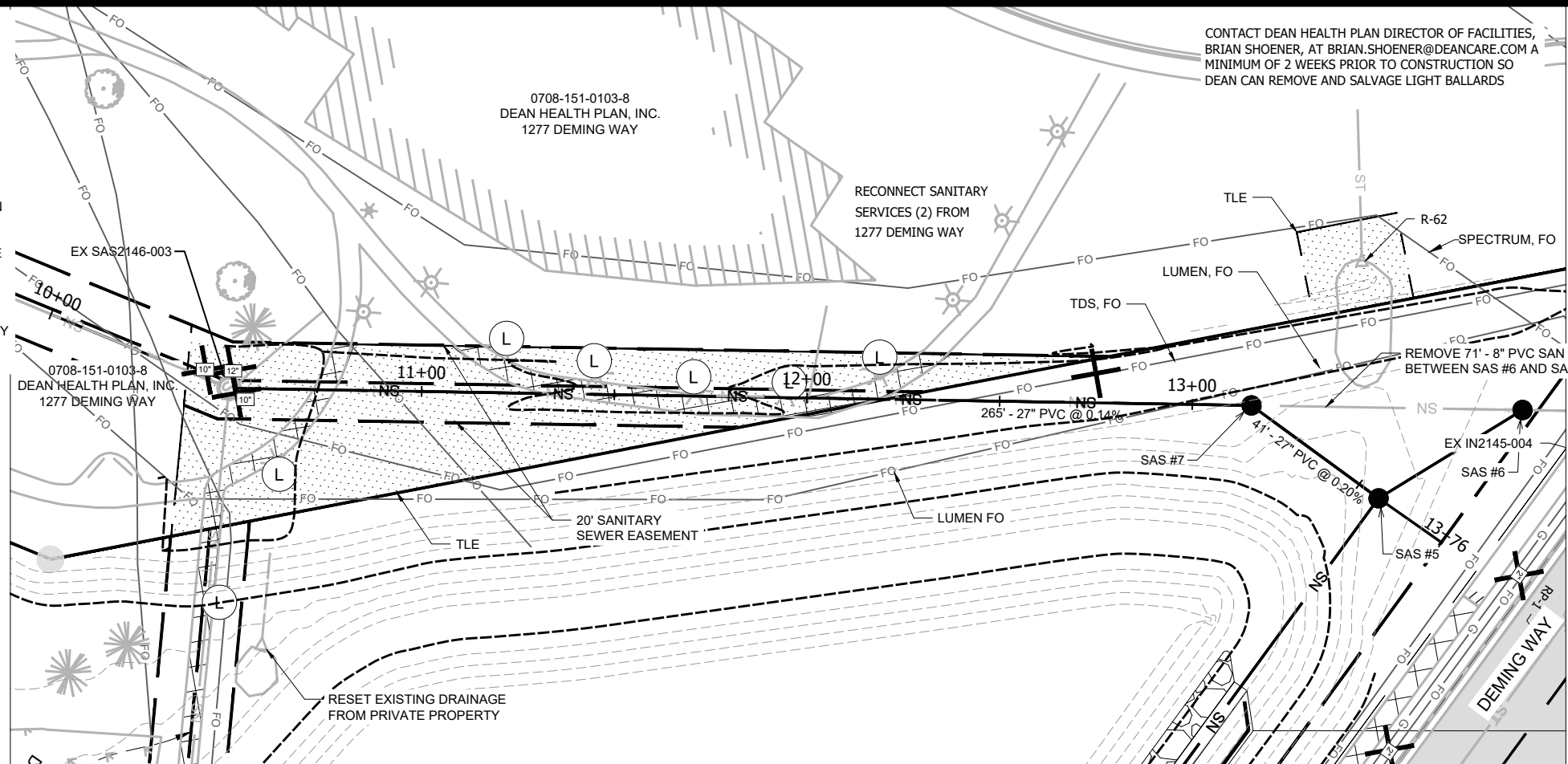
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PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO:



14370  
U1

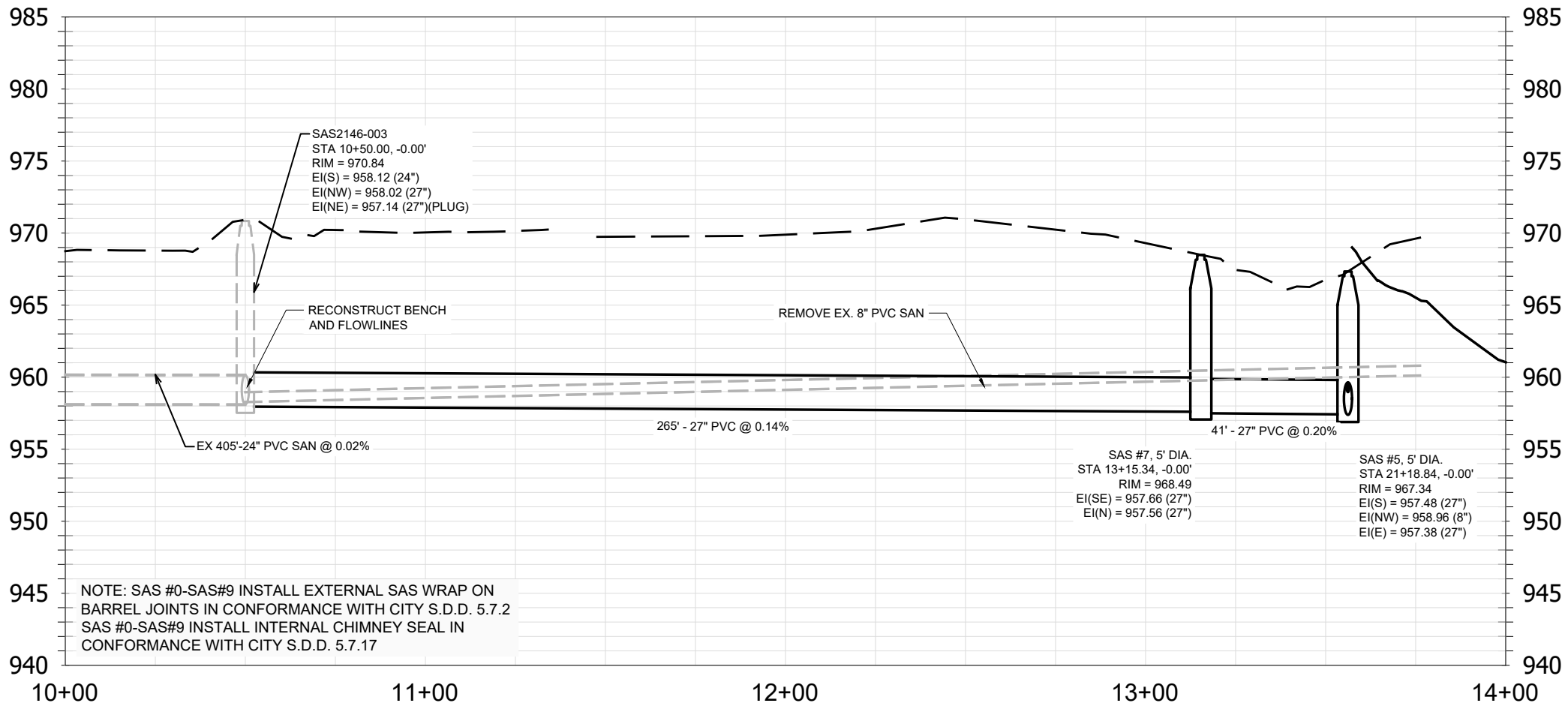
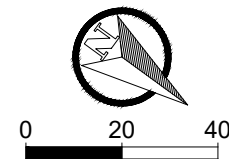
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**LEGEND**

ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
X	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
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□	TEMPORARY EASEMENT
□	PERMANENT EASEMENT
□	WETLAND
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---	SAWCUT PAVEMENT (FULL DEPTH)
X	REMOVE TREE AND DBH
L	LIGHT POLE (SEE PLAN NOTE)



14370  
MADISON, WI  
9517  
CONTRACT NO:

UTILITY PLAN AND PROFILE - GREENWAY SANITARY  
PHEASANT BRANCH GREENWAY ENHANCEMENT

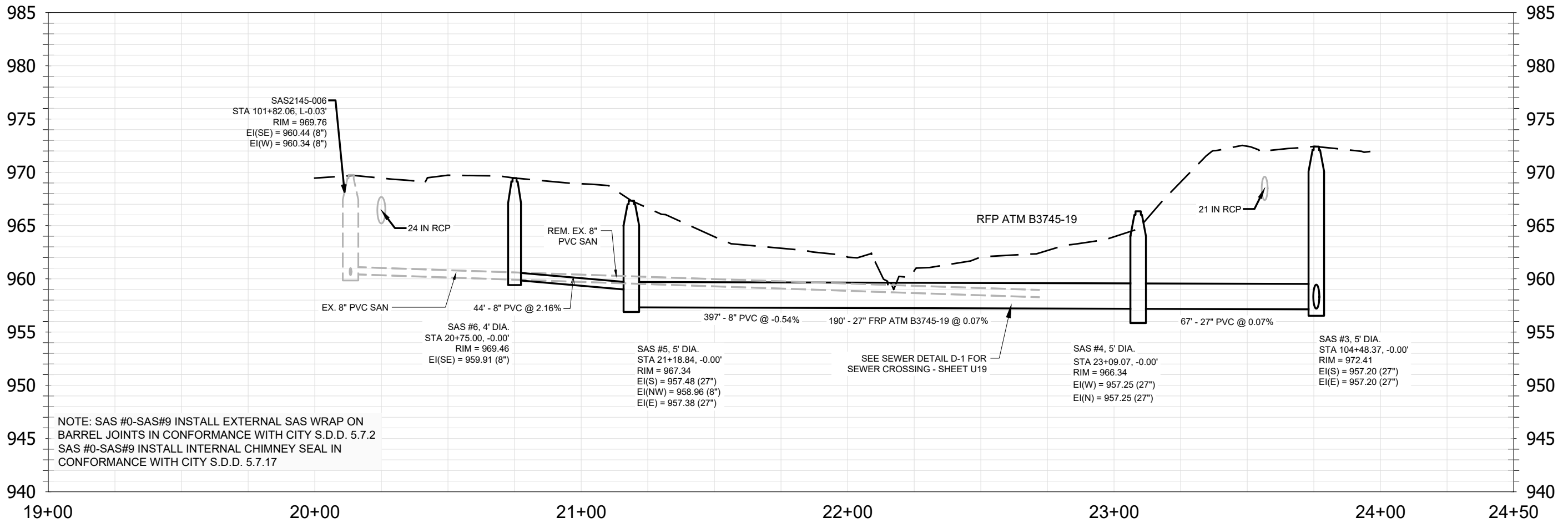
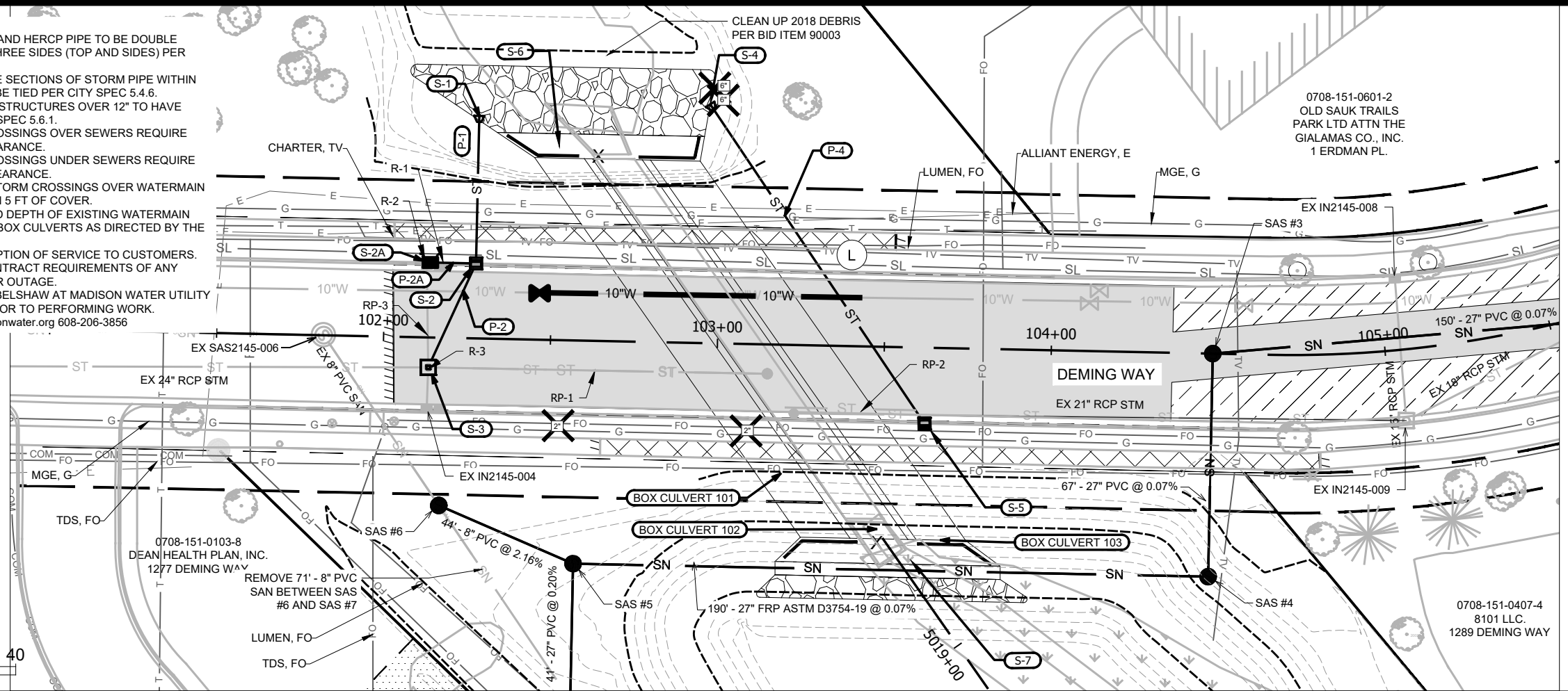
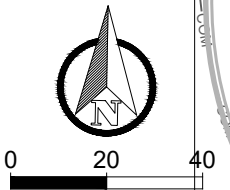
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Designed By: JPC  
Revision  
Date  
BY

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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 BITUMINOUS PAVEMENT
- ▨ — TEMPORARY EASEMENT
- ▨ — PERMANENT EASEMENT
- ▨ — WETLAND
- ▨ — REMOVE AND REPLACE CONCRETE CURB AND GUTTER SAWCUT PAVEMENT (FULL DEPTH)
- ⊗ — REMOVE TREE AND DBH
- L — LIGHT POLE (SEE PLAN NOTE)



14370  
MADISON, WI  
CONTRACT NO: 9517

UTILITY PLAN AND PROFILE - GREENWAY SANITARY  
PHEASANT BRANCH GREENWAY ENHANCEMENT

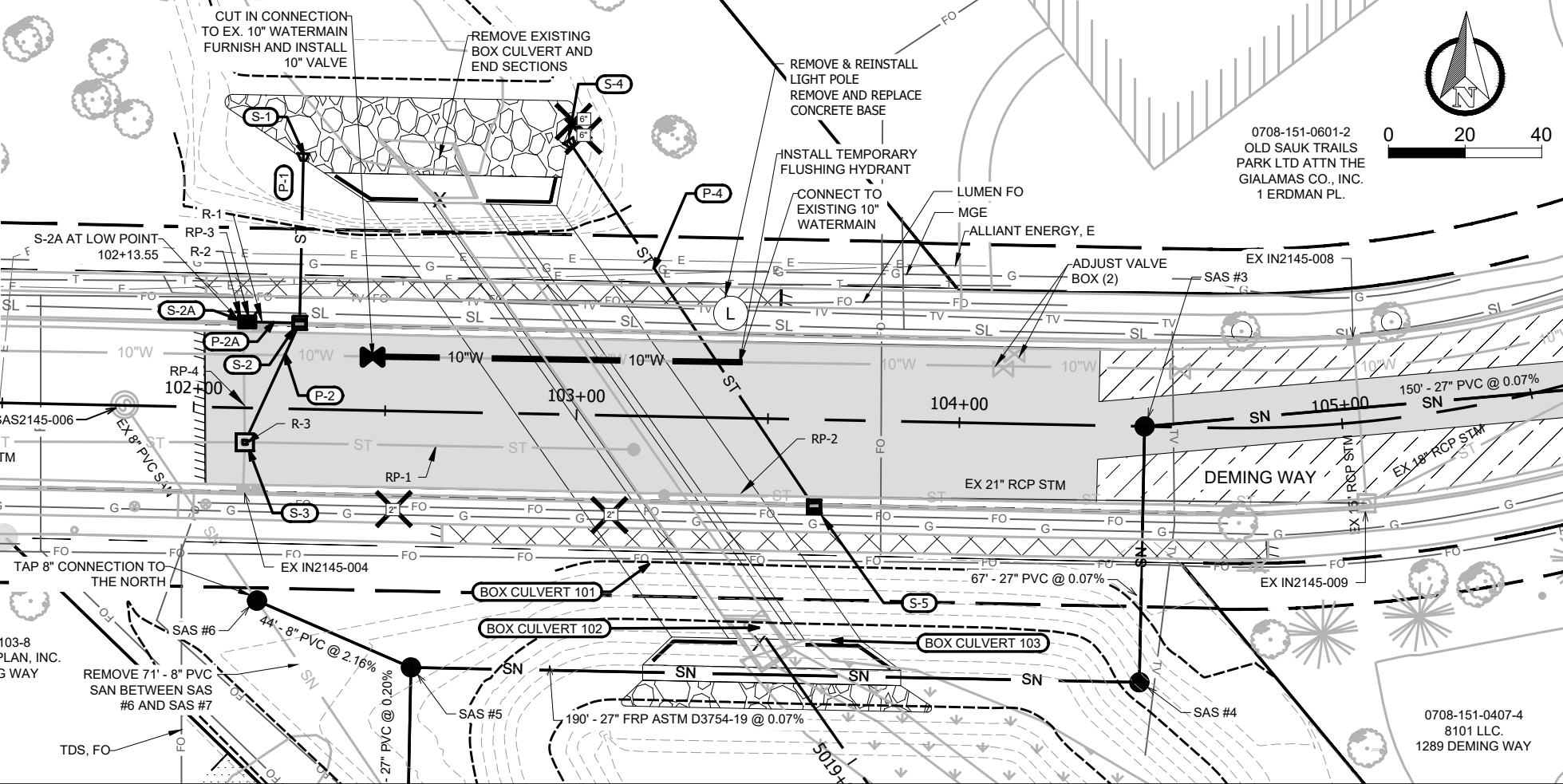
U3

14370  
U3

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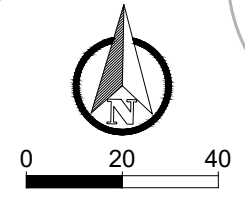
COORDINATE WITH BUSINESSES FOR WATER OUTAGES PROVIDE ONE WEEK NOTIFICATION PRIOR TO OUTAGE. AFFECTED PROPERTIES:  
 1001 DEMING WAY  
 1002 DEMING WAY  
 CHARTER TV

0708-151-0103-8  
 DEAN HEALTH PLAN, INC.  
 1277 DEMING WAY



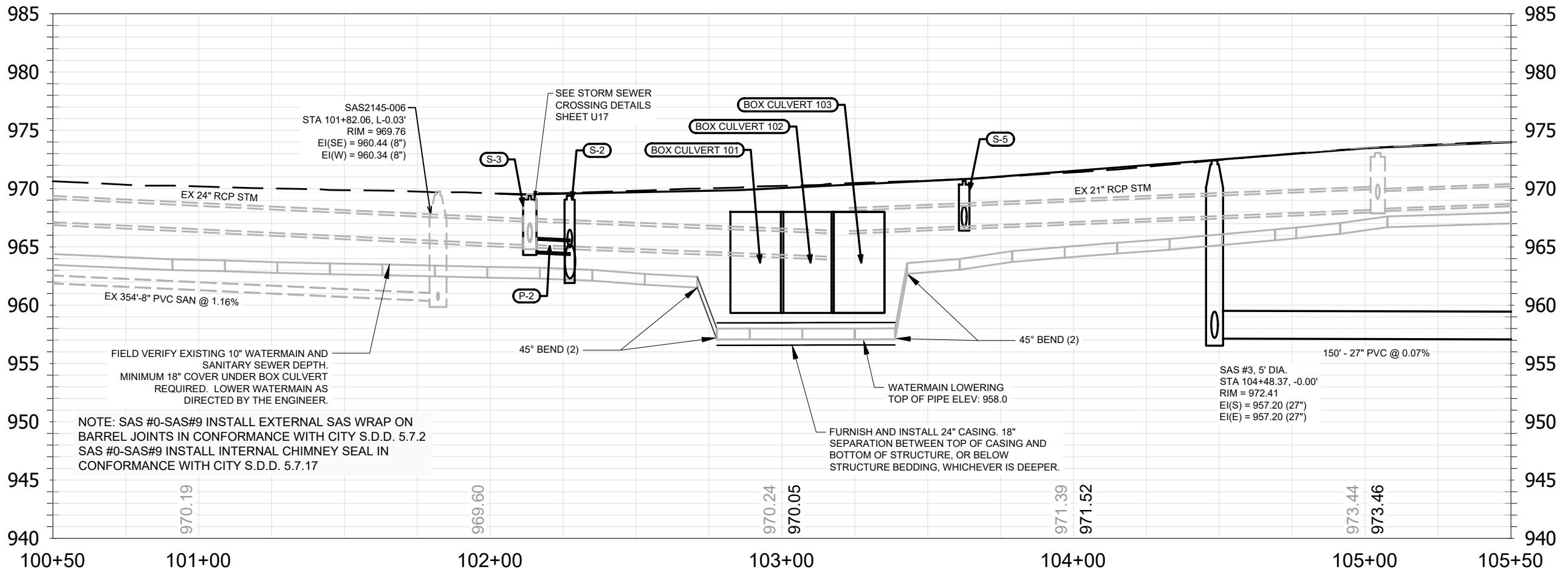
**LEGEND**

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
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▨	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
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▪	2" MILL AND OVERLAY BITUMINOUS PAVEMENT
▫	TEMPORARY EASEMENT
▬	PERMANENT EASEMENT
▭	WETLAND
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⊗	REMOVE TREE AND DBH
L	LIGHT POLE (SEE PLAN NOTE)



REVISION	DATE	BY
MARK	DATE	BY

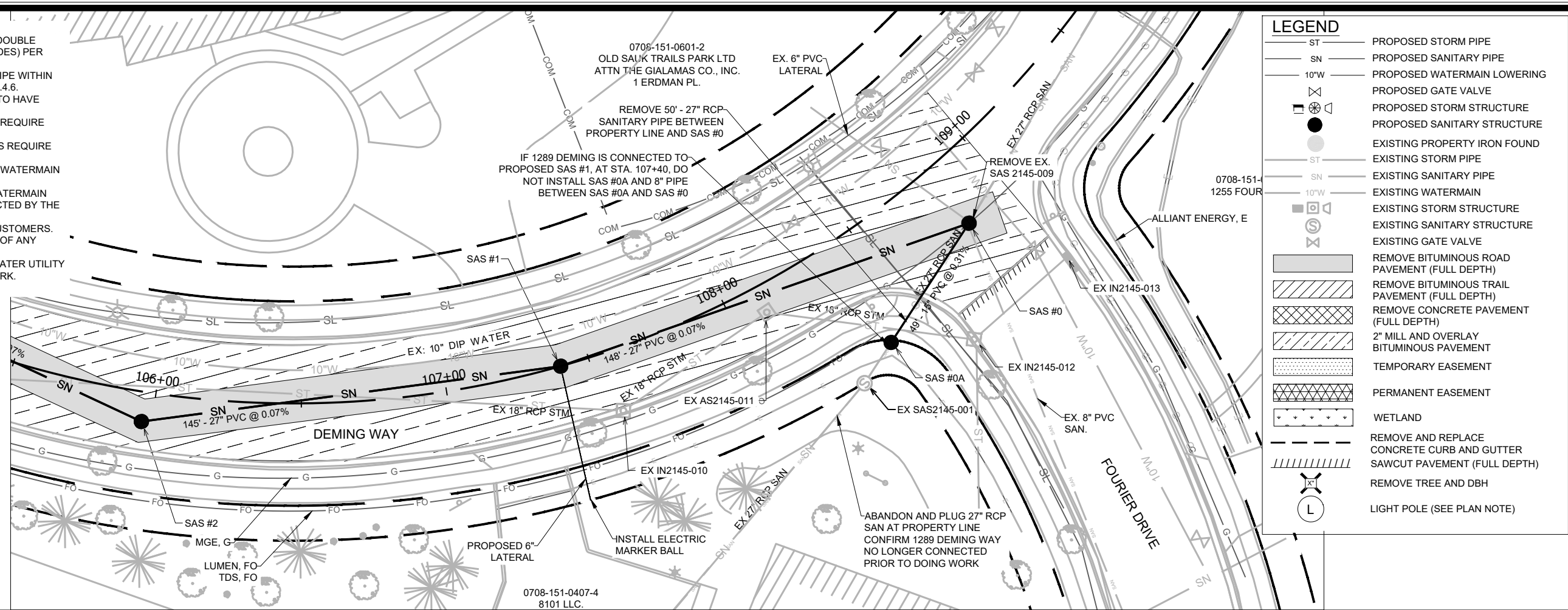
14370  
 MADISON, WI  
 9517  
 CONTRACT NO:



NOTE: SAS #0-SAS#9 INSTALL EXTERNAL SAS WRAP ON BARREL JOINTS IN CONFORMANCE WITH CITY S.D.D. 5.7.2  
 SAS #0-SAS#9 INSTALL INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH CITY S.D.D. 5.7.17

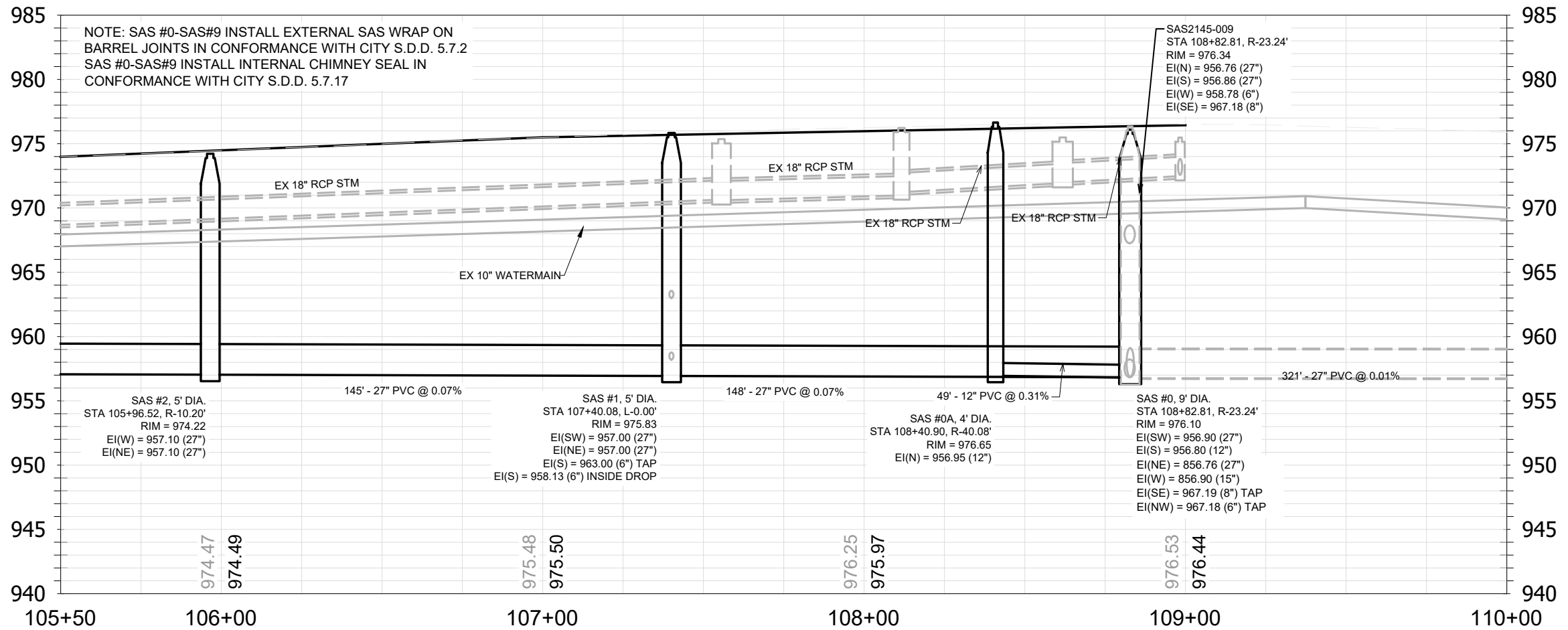
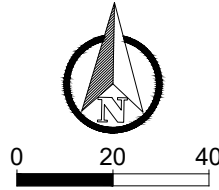
UTILITY PLAN AND PROFILE - DEMING WAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 14370  
 U4

- 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](mailto:Jbelshaw@madisonwater.org) 608-206-3856



**LEGEND**

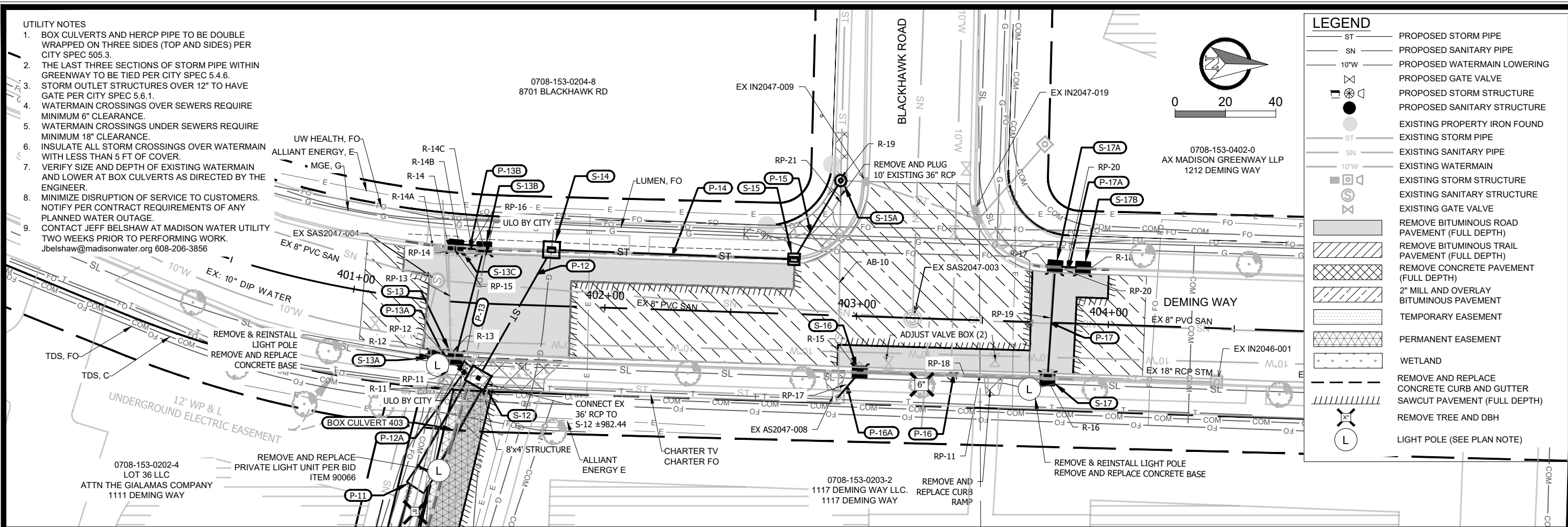
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
⊗	PROPOSED GATE VALVE
⊠	PROPOSED STORM STRUCTURE
⊡	PROPOSED SANITARY STRUCTURE
●	EXISTING PROPERTY IRON FOUND
○	EXISTING STORM PIPE
—	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
⊠	EXISTING STORM STRUCTURE
⊡	EXISTING 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 BITUMINOUS PAVEMENT
▫	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  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517  
 U5

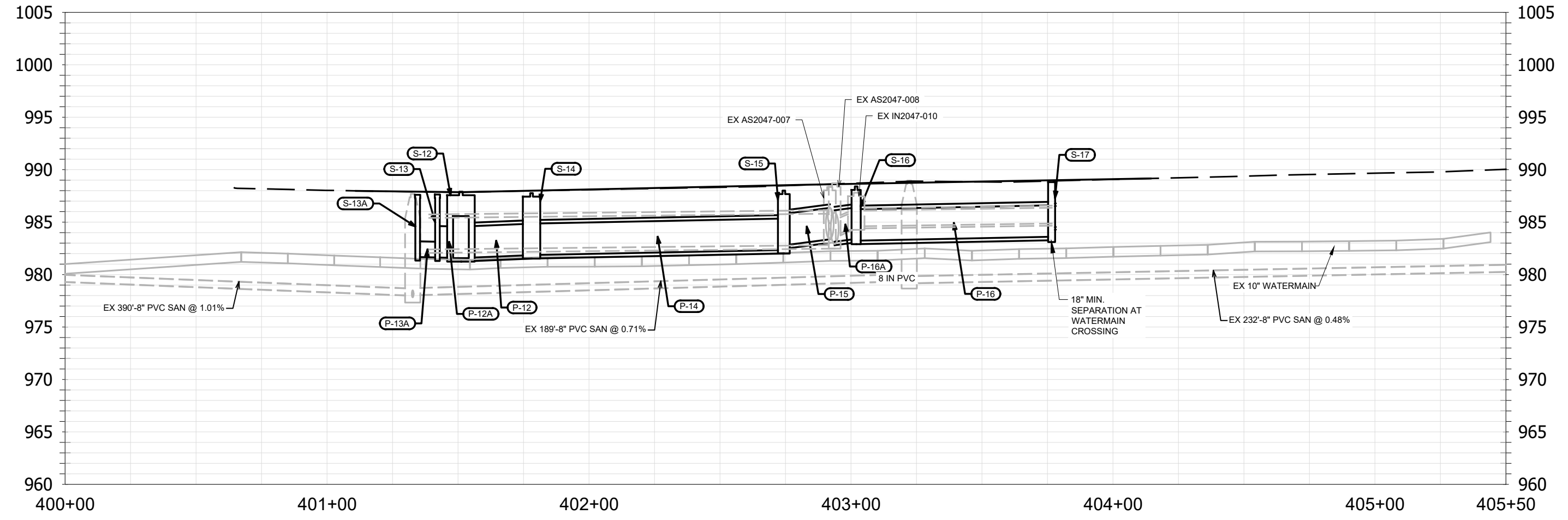
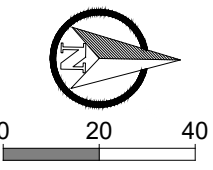
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 DATE  
 BY  
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 JPC  
 Designed By

- 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



**LEGEND**

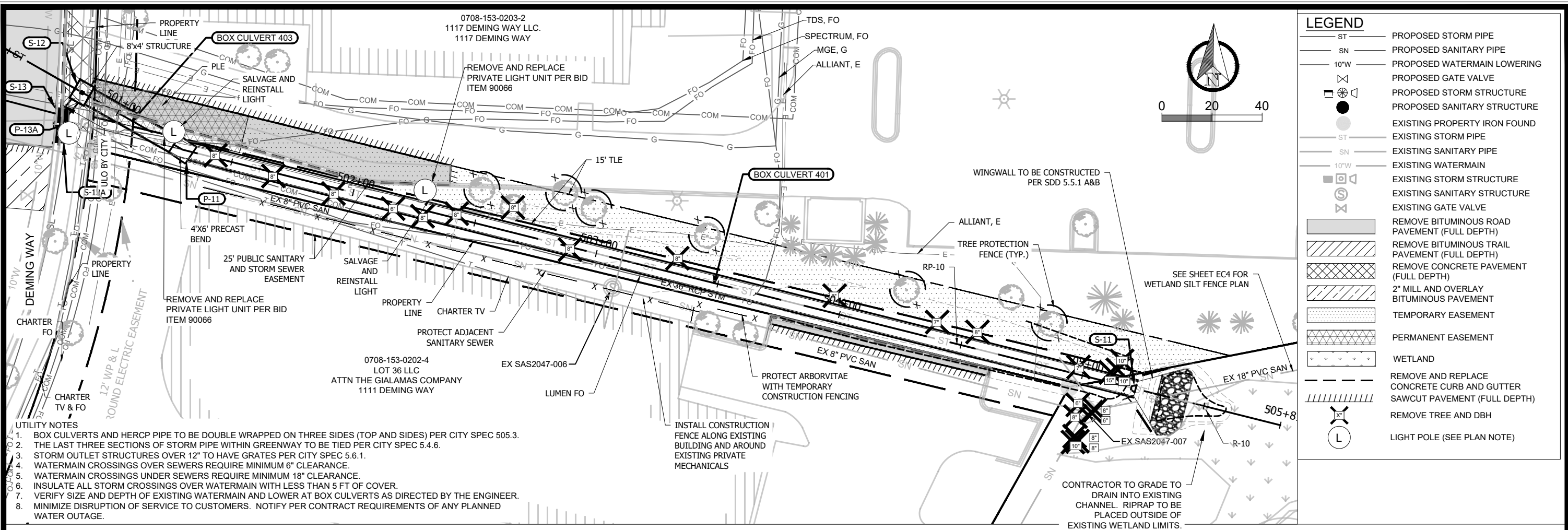
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
(Symbol)	PROPOSED GATE VALVE
(Symbol)	PROPOSED STORM STRUCTURE
(Symbol)	PROPOSED SANITARY STRUCTURE
(Symbol)	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
10"W	EXISTING WATERMAIN
(Symbol)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



UTILITY PLAN AND PROFILE - DEMING WAY AT BLACKHAWK ROAD 14370  
 PHEASANT BRANCH GREENWAY ENHANCEMENT MADISON, WI  
 CONTRACT NO: 9517  
 U6

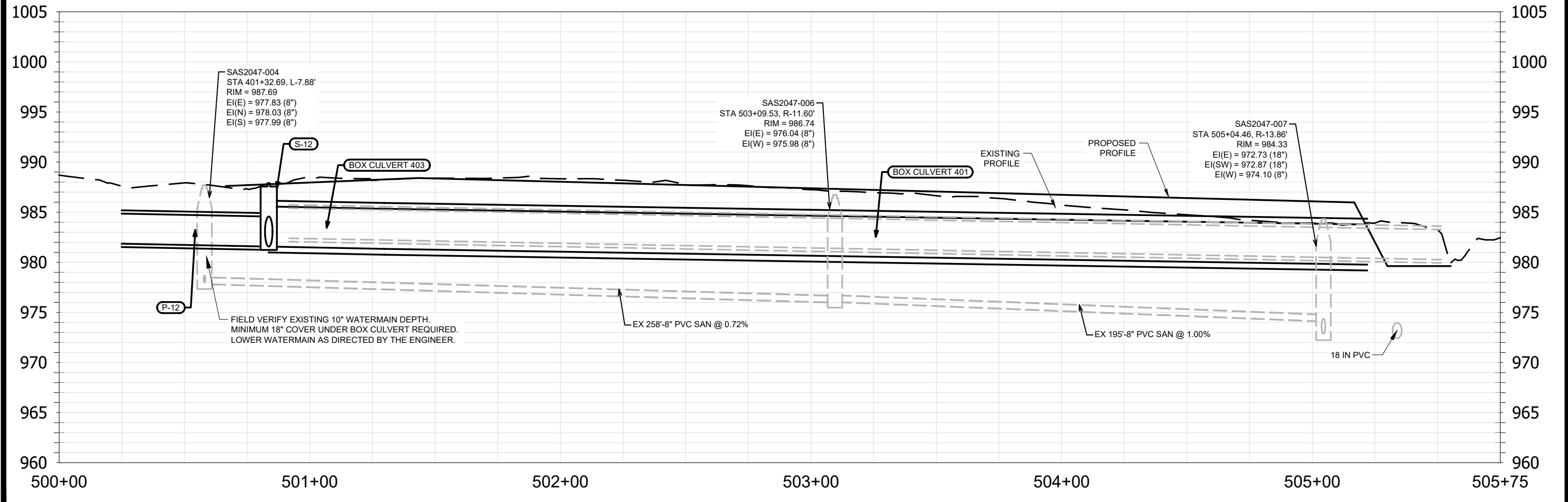
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 Designed By: JPC  
 MARK  
 14370





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 BITUMINOUS PAVEMENT
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	WETLAND
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	REMOVE TREE AND DBH
	LIGHT POLE (SEE PLAN NOTE)

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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.



UTILITY PLAN AND PROFILE - 1117 DEMING WAY STORM SEWER  
 PHEASANT BRANCH GREENWAY ENHANCEMENT

14370  
 U7

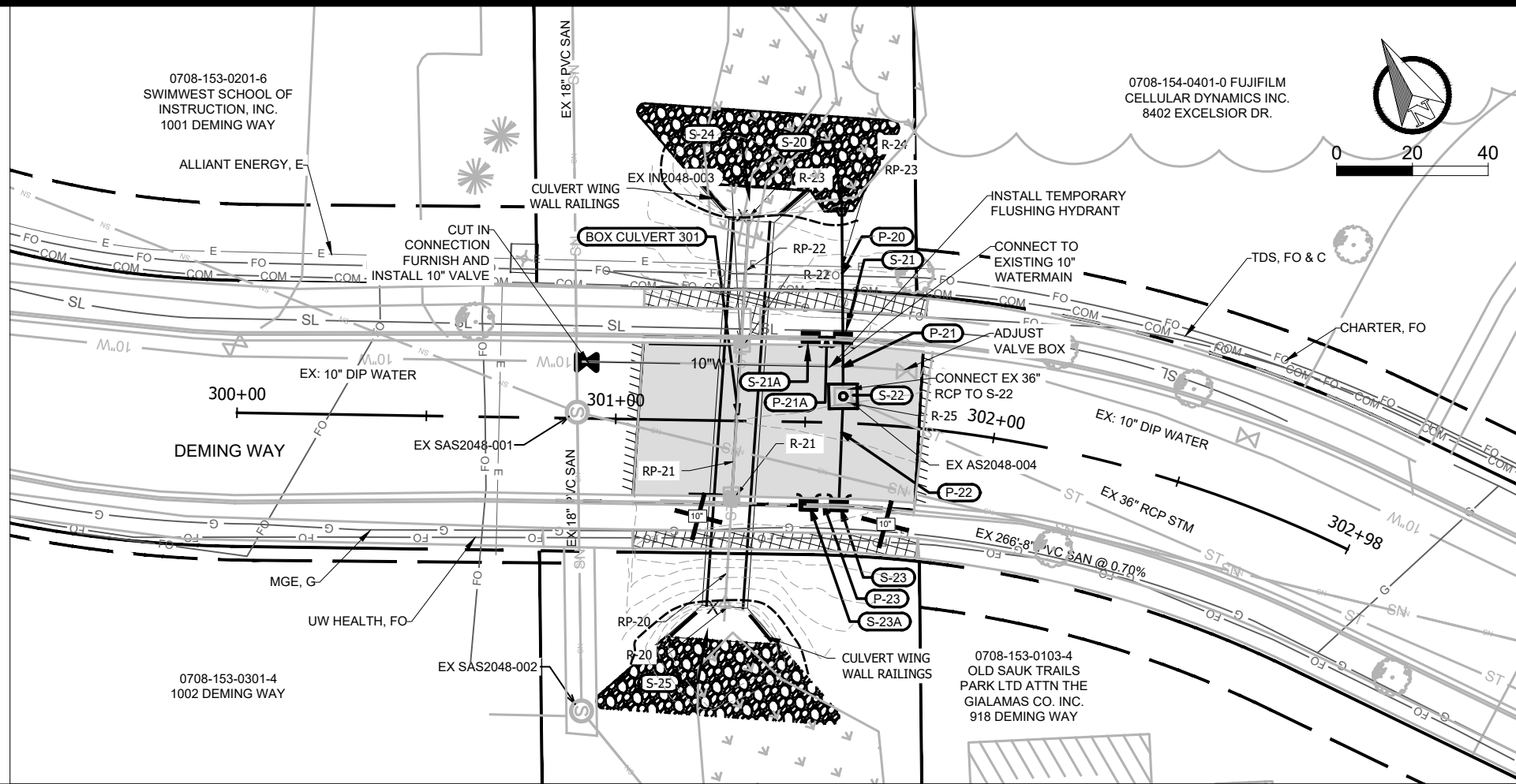
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 CONTRACT NO: 9517

Scale: AS SHOWN  
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 Mark: 14370

City of Madison Wisconsin logo

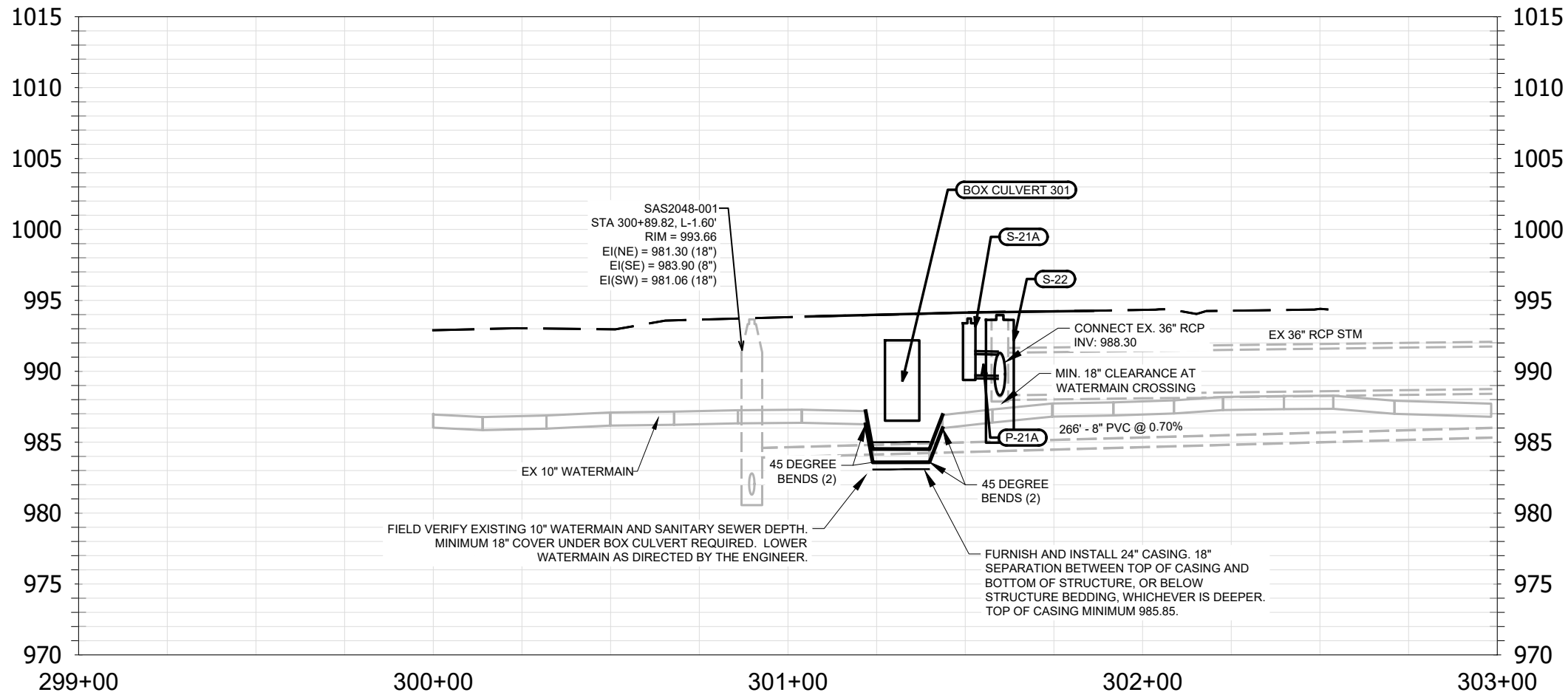
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COORDINATE WITH BUSINESSES FOR WATER OUTAGES (1277 DEMING WAY). PROVIDE ONE WEEK NOTIFICATION PRIOR TO OUTAGE.



**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 BITUMINOUS PAVEMENT
- ▨ — 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:

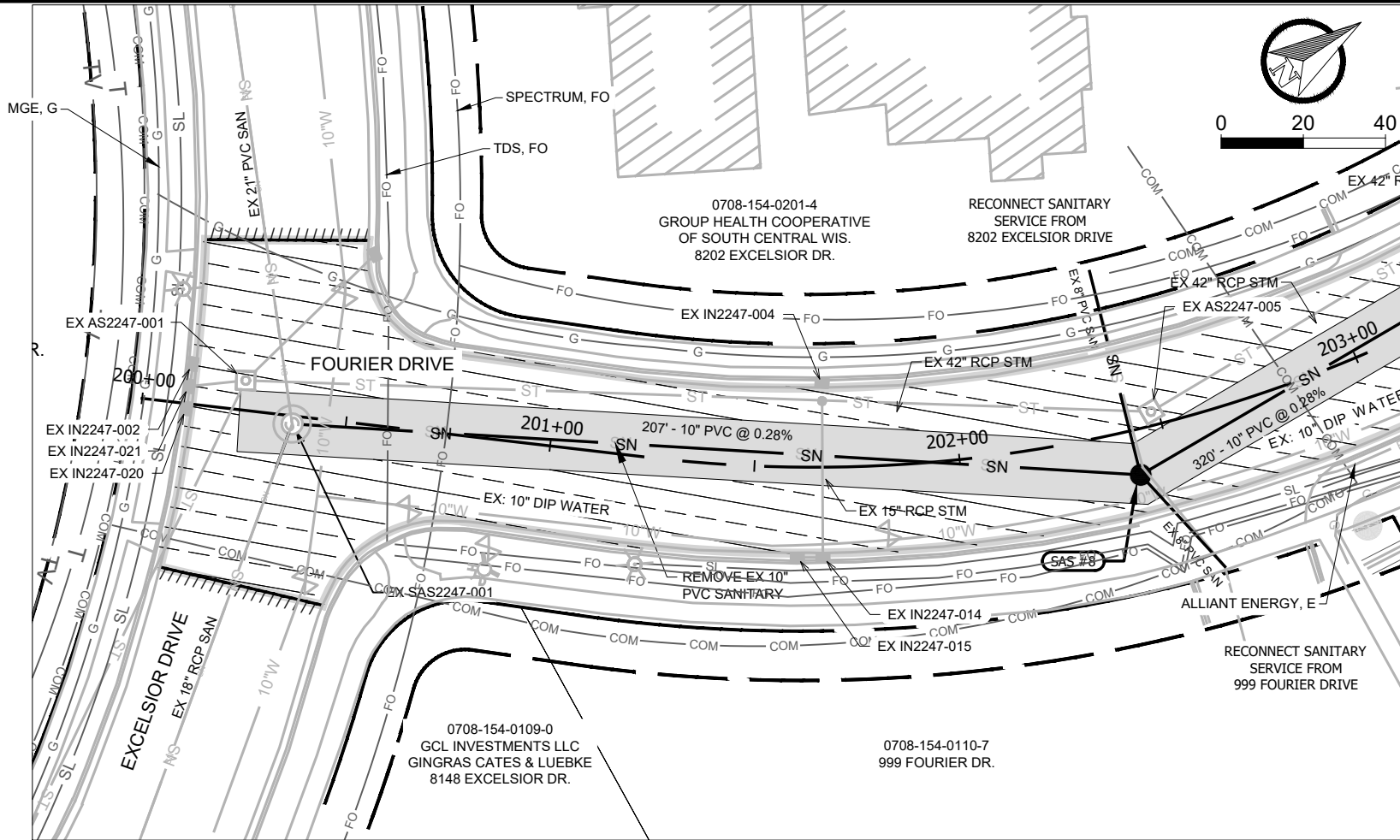
UTILITY PLAN AND PROFILE - DEMING WAY  
PHEASANT BRANCH GREENWAY ENHANCEMENT

14370 U8

Scale: AS SHOWN  
Date: 10/16/2024 3:08 PM  
Designed By: JPC  
MARK  
REVISION  
DATE  
BY  
U8

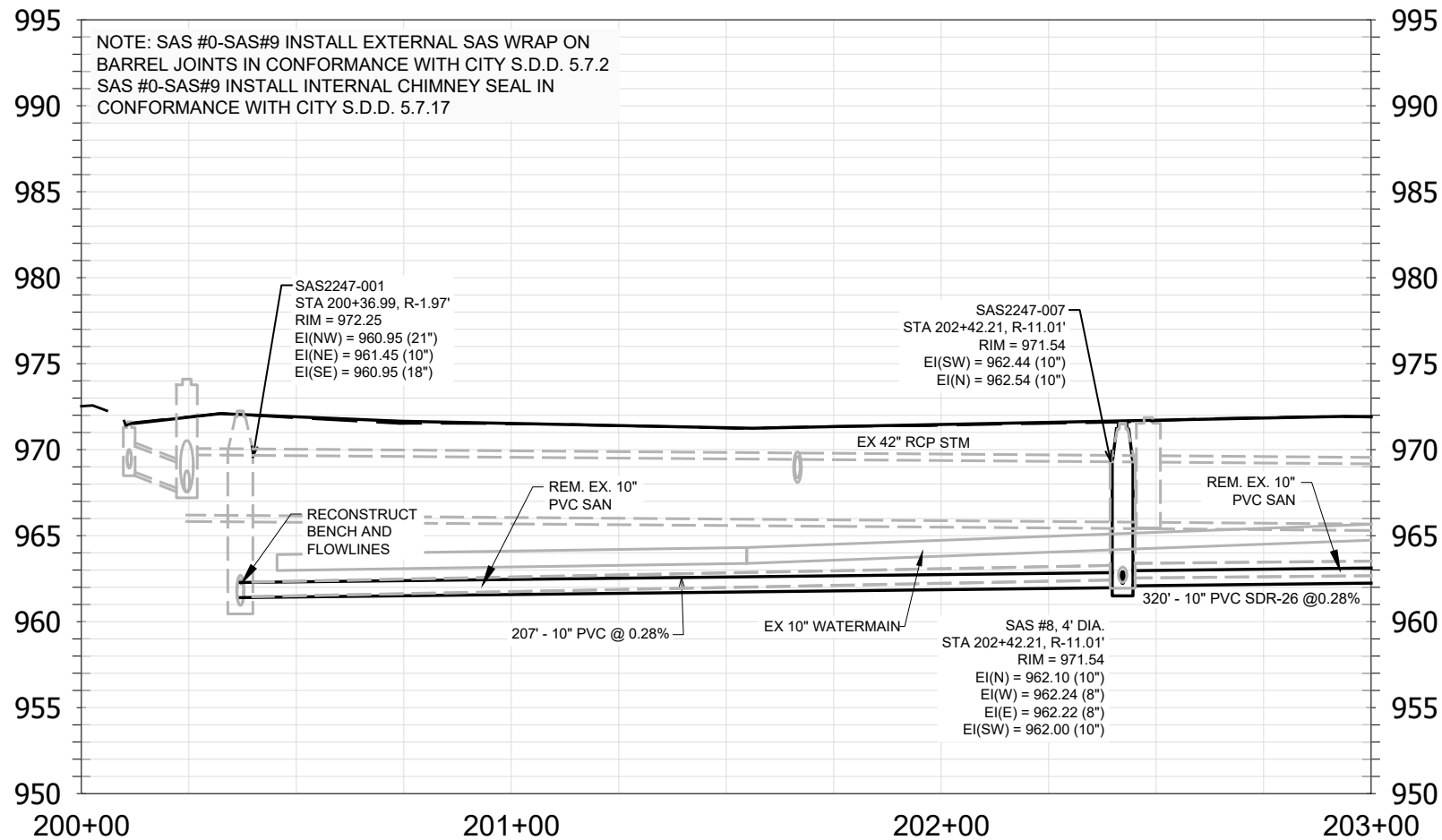
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9. CONTACT JEFF BELSHAW AT MADISON WATER UTILITY TWO WEEKS PRIOR TO PERFORMING WORK.  
jbelshaw@madisonwater.org 608-206-3856



**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 BITUMINOUS PAVEMENT
- ▨ 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	DATE	BY

14370  
MADISON, WI  
9517  
CONTRACT NO:

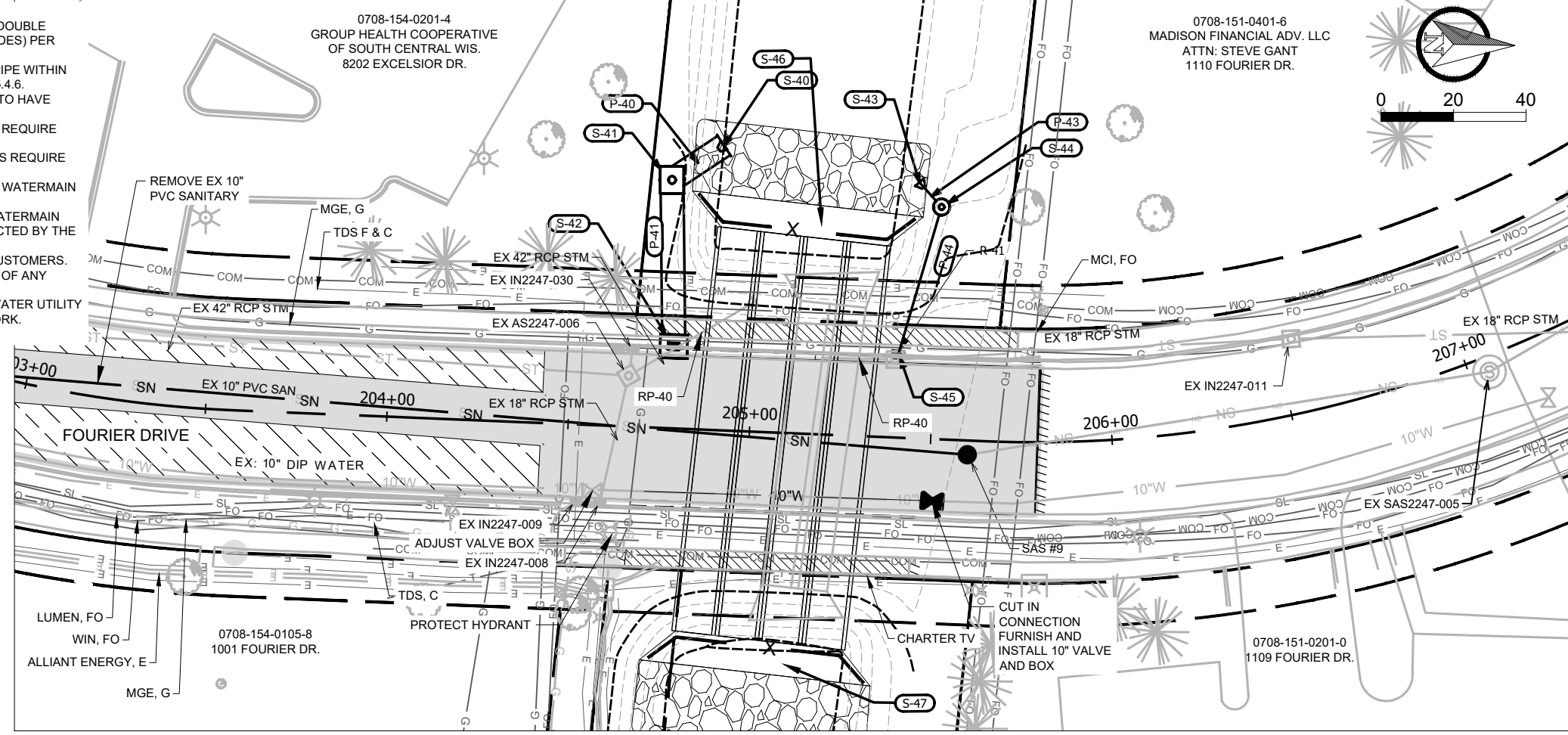
UTILITY PLAN AND PROFILE - FOURIER DRIVE  
PHEASANT BRANCH GREENWAY ENHANCEMENT



14370  
U9

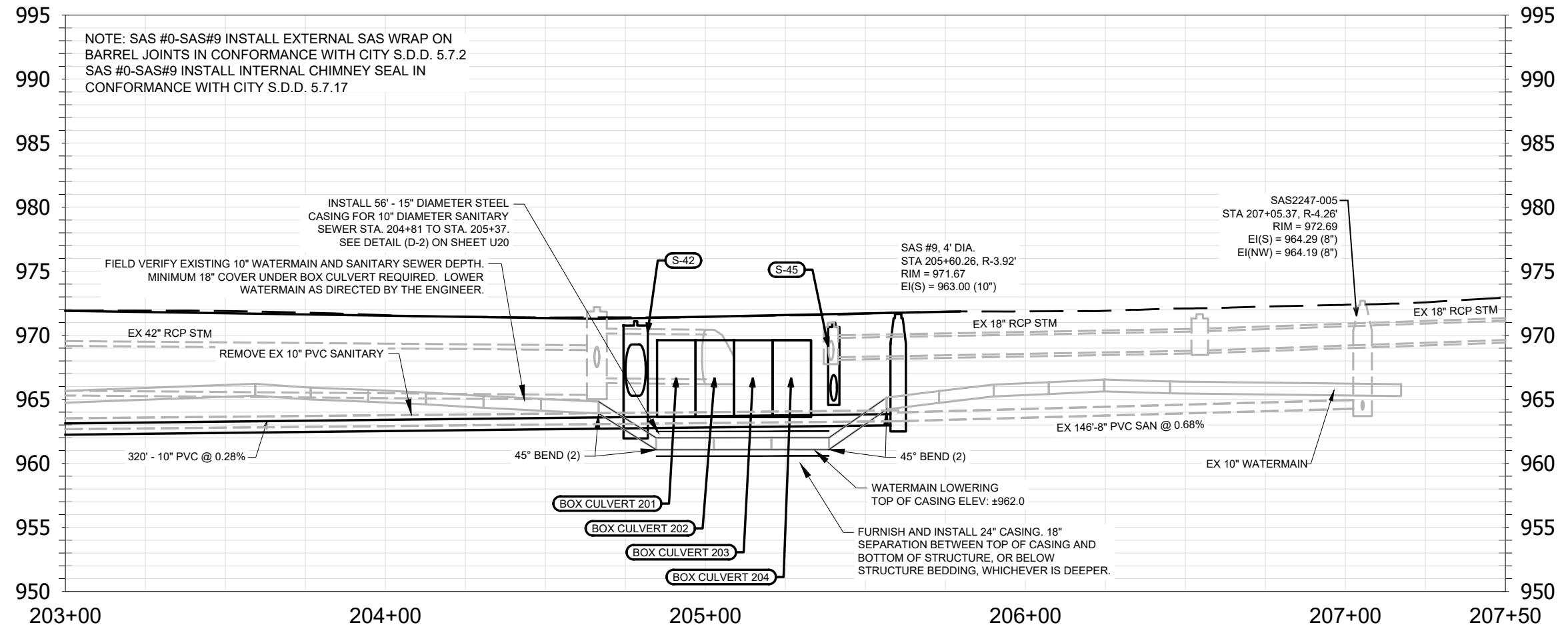
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COORDINATE WITH BUSINESSES FOR WATER OUTAGES PROVIDE ONE WEEK NOTIFICATION PRIOR TO OUTAGE. AFFECTED PROPERTIES: 1109 FOURIER DRIVE 1110 FOURIER DRIVE



**LEGEND**

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



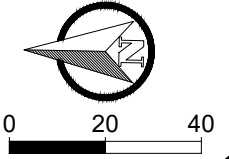
14370 MADISON, WI 9517 CONTRACT NO:

UTILITY PLAN AND PROFILE - FOURIER DRIVE  
 PHEASANT BRANCH GREENWAY ENHANCEMENT

14370 U10

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 Date: 10/16/2024 3:08 PM  
 Designed By: JPC  
 MARK  
 REVISION

- UTILITY NOTES**
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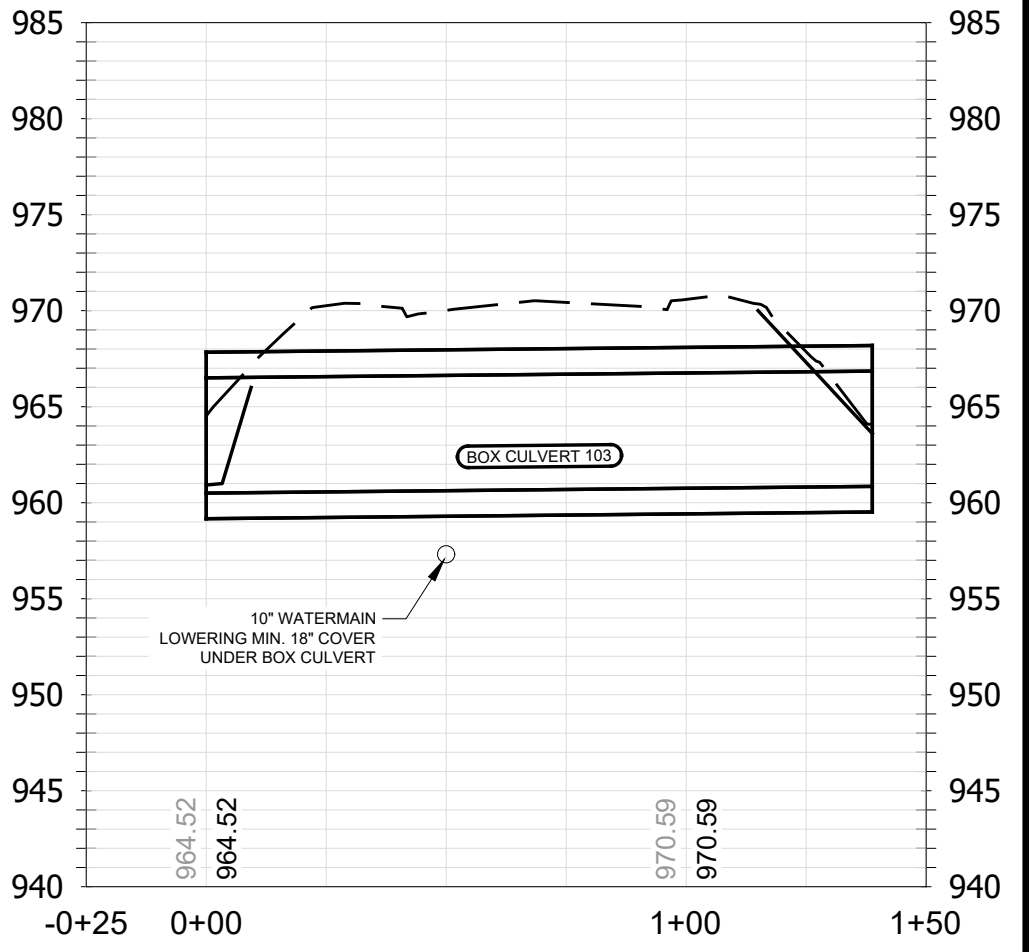
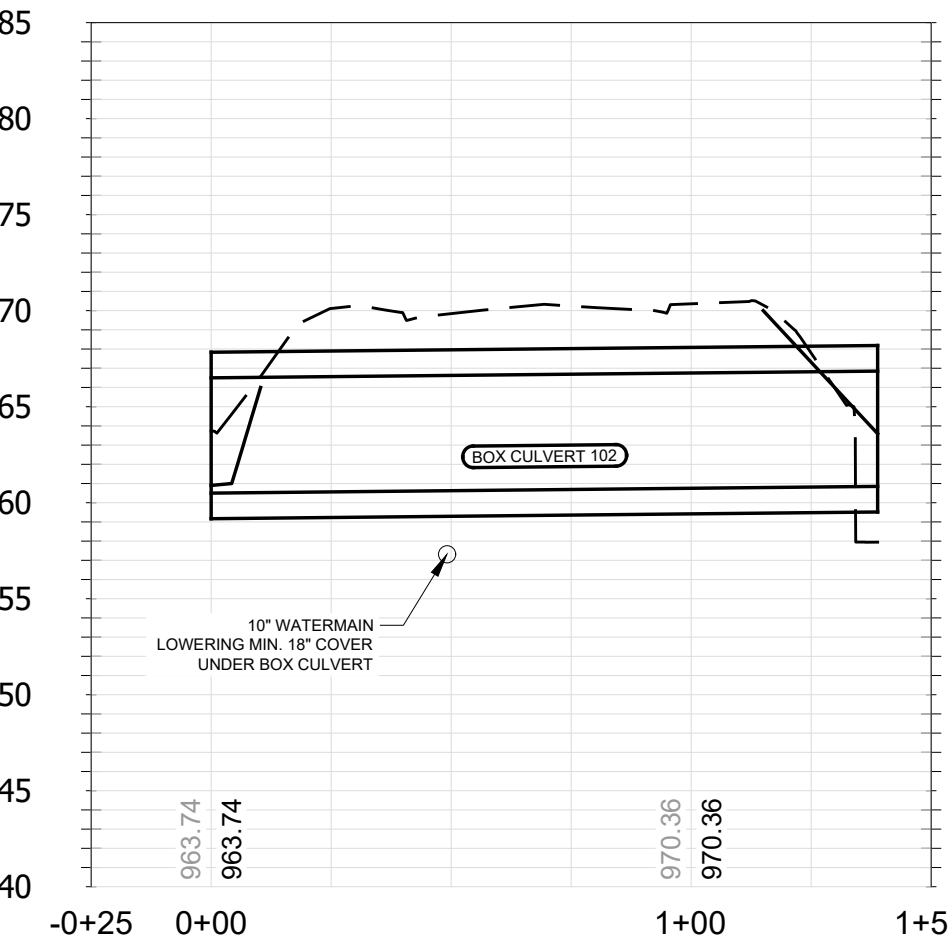
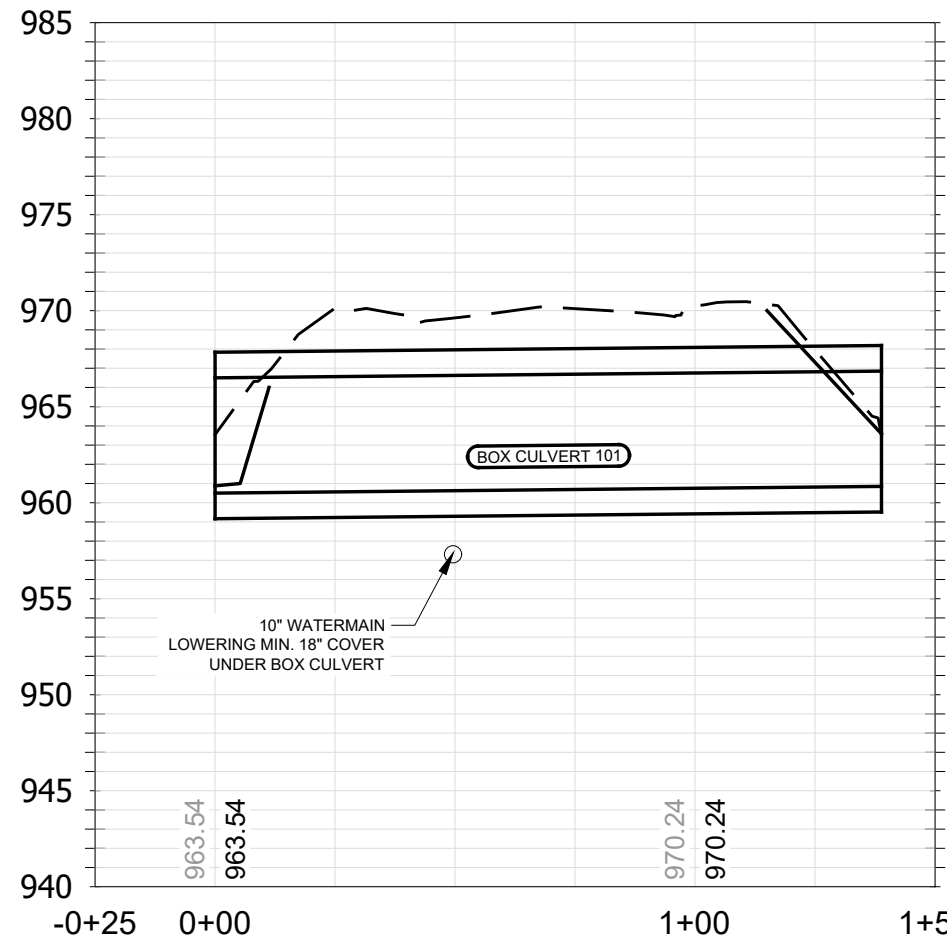
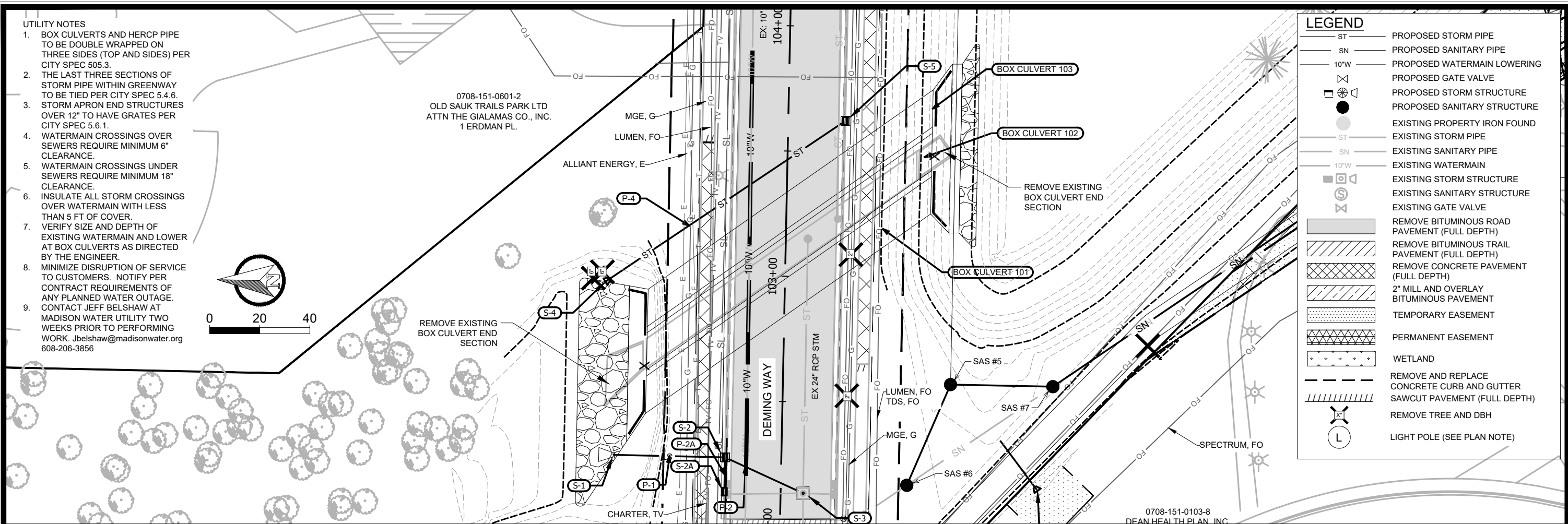


0708-151-0601-2  
OLD SAUK TRAILS PARK LTD  
ATTN THE GIALAMAS CO., INC.  
1 ERDMAN PL.

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

**LEGEND**

ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
X	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
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●	EXISTING SANITARY STRUCTURE
X	EXISTING GATE VALVE
▨	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
▩	REMOVE BITUMINOUS TRAIL PAVEMENT (FULL DEPTH)
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▦	2" MILL AND OVERLAY BITUMINOUS PAVEMENT
▤	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:

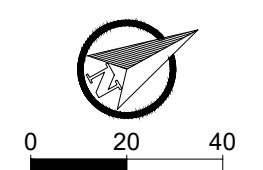
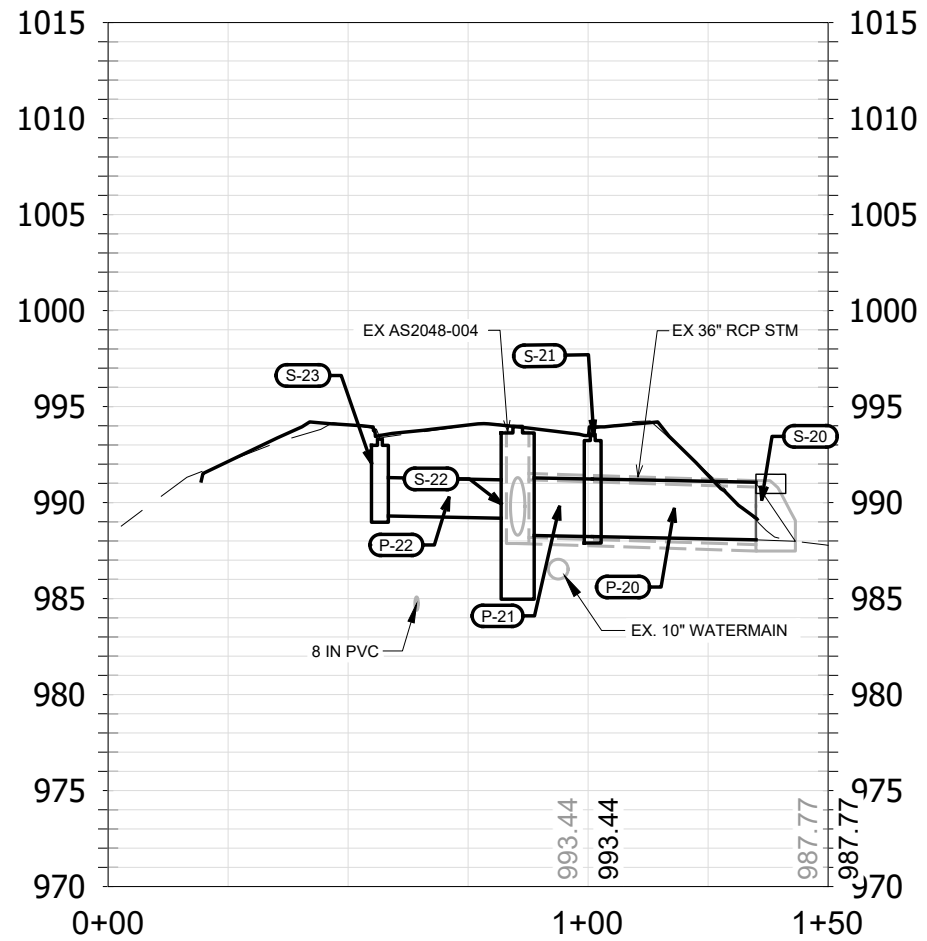
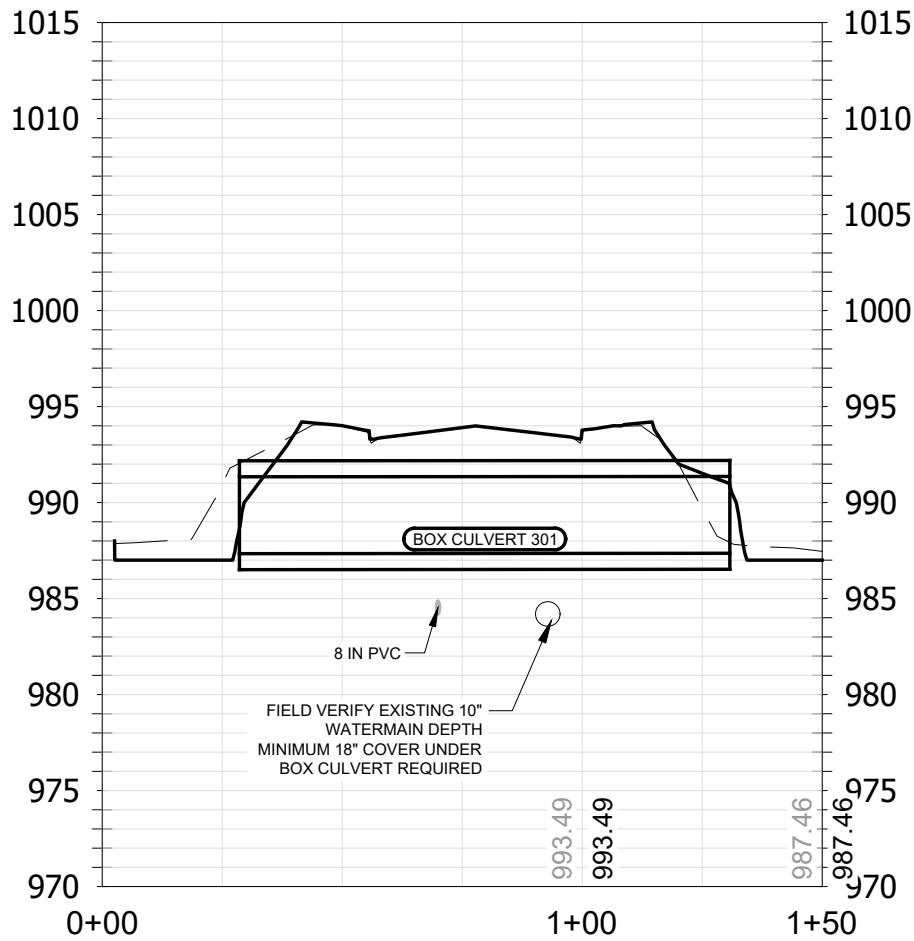
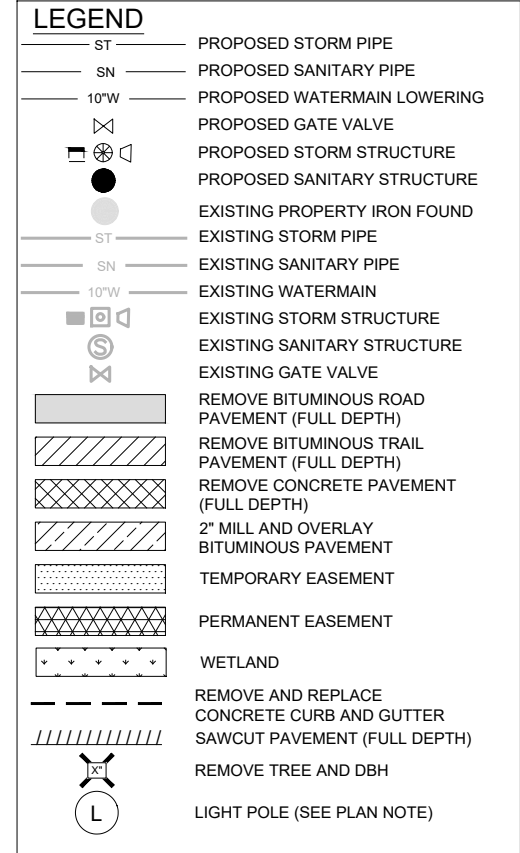
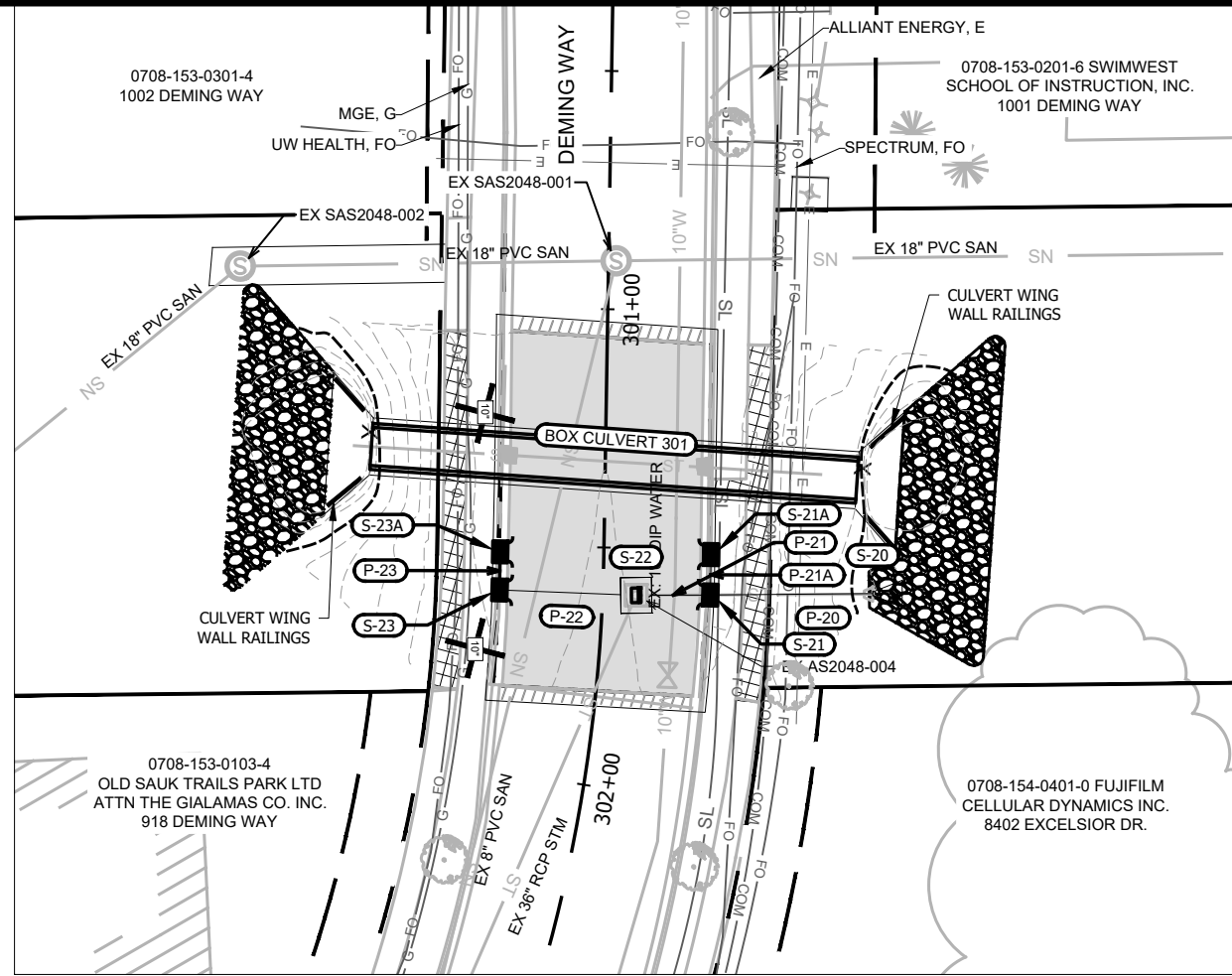
UTILITY PLAN AND PROFILE - DEMING WAY BOX CULVERTS  
PHEASANT BRANCH GREENWAY ENHANCEMENT

14370  
U11

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Date: 10/16/2024 3:09 PM  
Designed By: JPC  
Revision  
Mark  
By  
Date

**UTILITY NOTES**

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



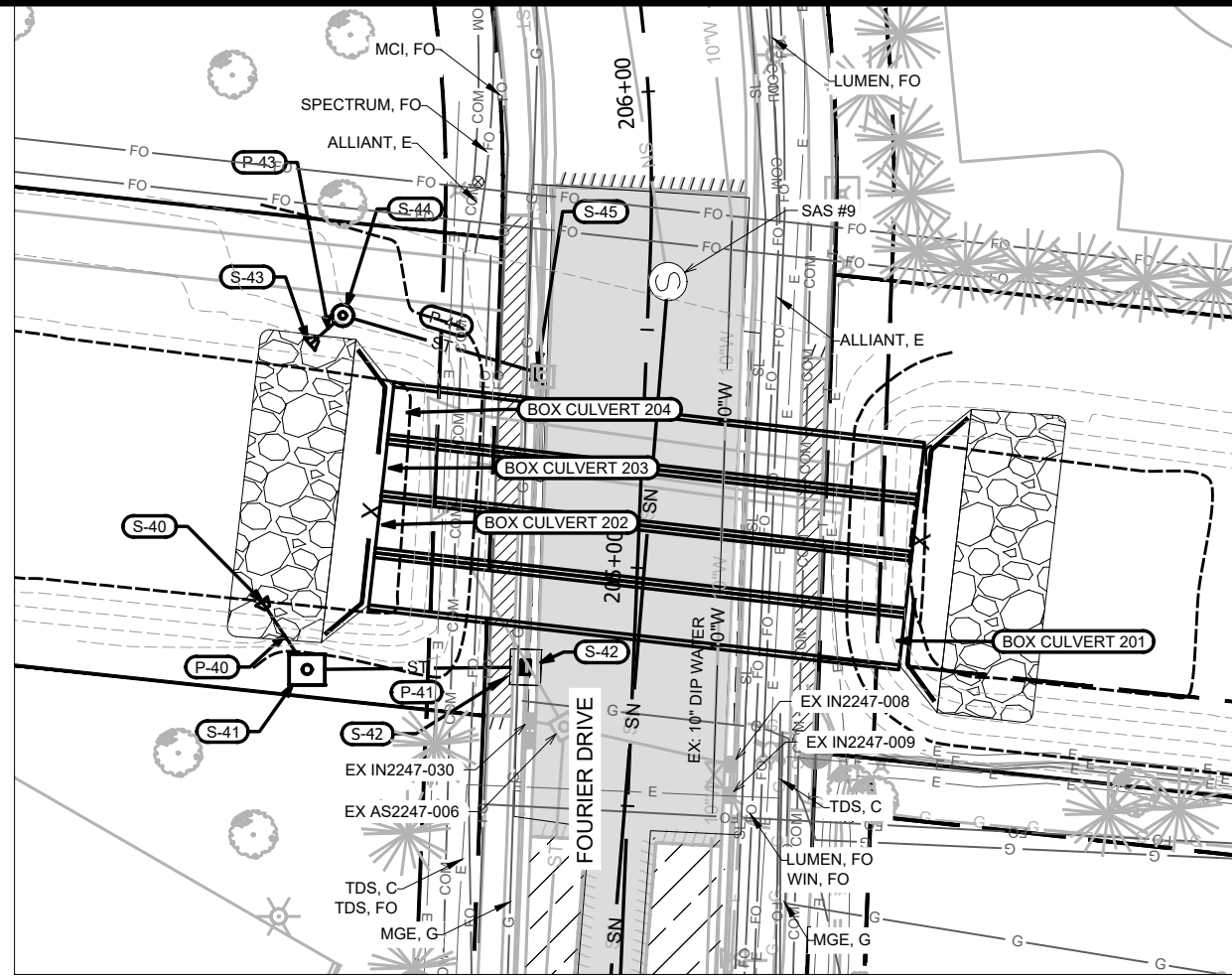
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REVISION	DATE	BY
AS SHOWN	10/16/2024	JPC

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 Scale: 1" = 10' (Profile)

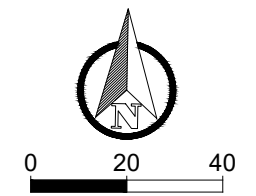
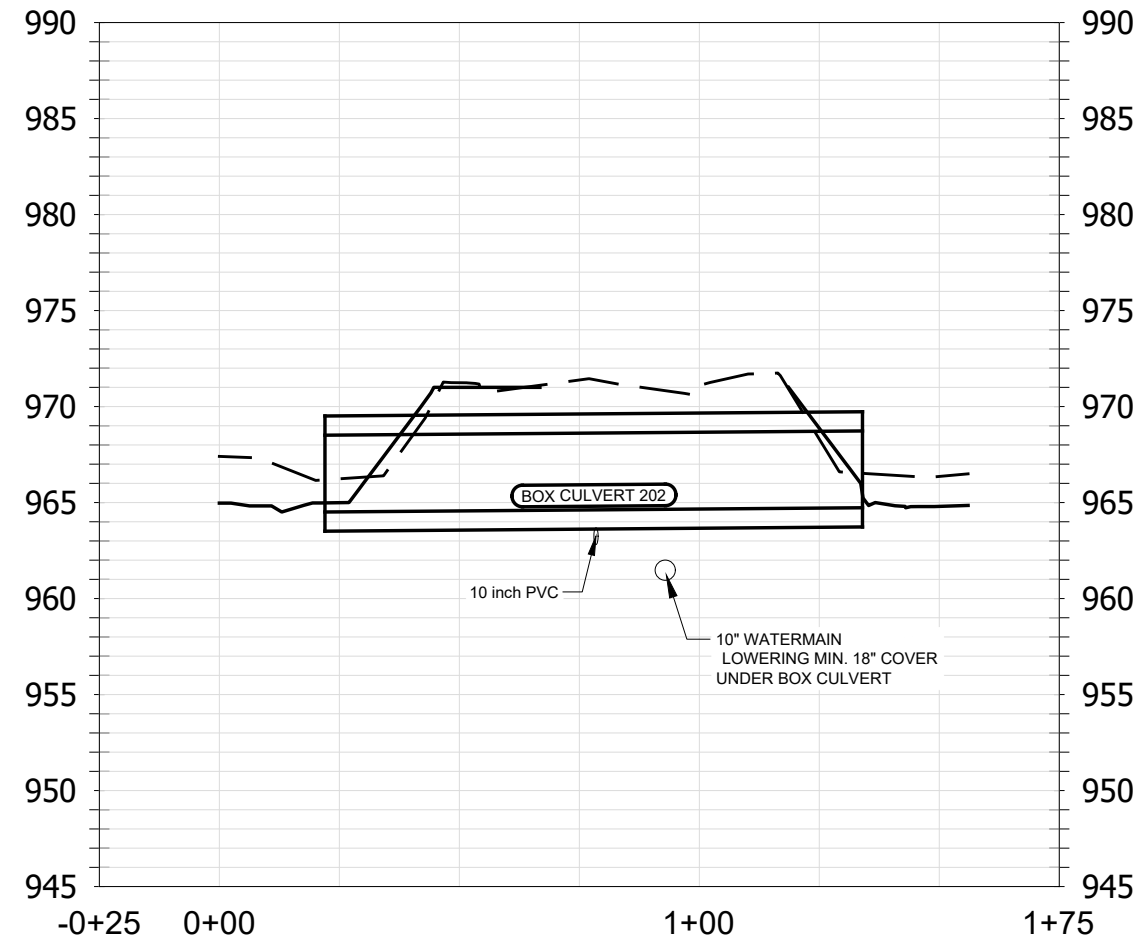
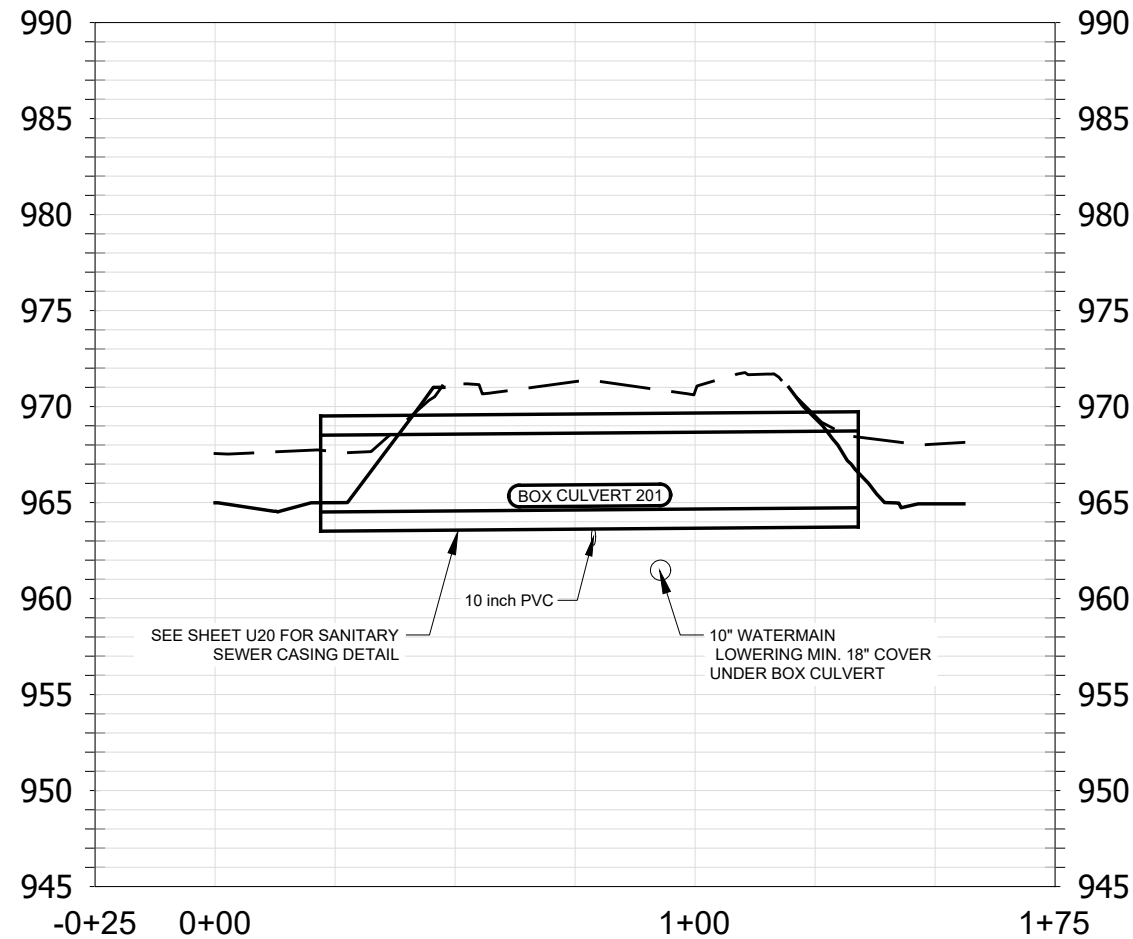
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3. STORM APRON END STRUCTURES OVER 12" TO HAVE GRATES PER CITY SPEC 5.6.1.
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5. WATERMAIN CROSSINGS UNDER SEWERS REQUIRE MINIMUM 18" CLEARANCE.
6. INSULATE ALL STORM CROSSINGS OVER WATERMAIN WITH LESS 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 BITUMINOUS PAVEMENT
- ▨ — TEMPORARY EASEMENT
- ▨ — PERMANENT EASEMENT
- ▨ — WETLAND
- — REMOVE AND REPLACE CONCRETE CURB AND GUTTER
- ▨ — SAWCUT PAVEMENT (FULL DEPTH)
- ⊗ — REMOVE TREE AND DBH
- (L) — LIGHT POLE (SEE PLAN NOTE)



UTILITY PLAN AND PROFILE - FOURIER DRIVE BOX CULVERTS 14370  
 PHEASANT BRANCH GREENWAY ENHANCEMENT MADISON, WI  
 CONTRACT NO.: 9517



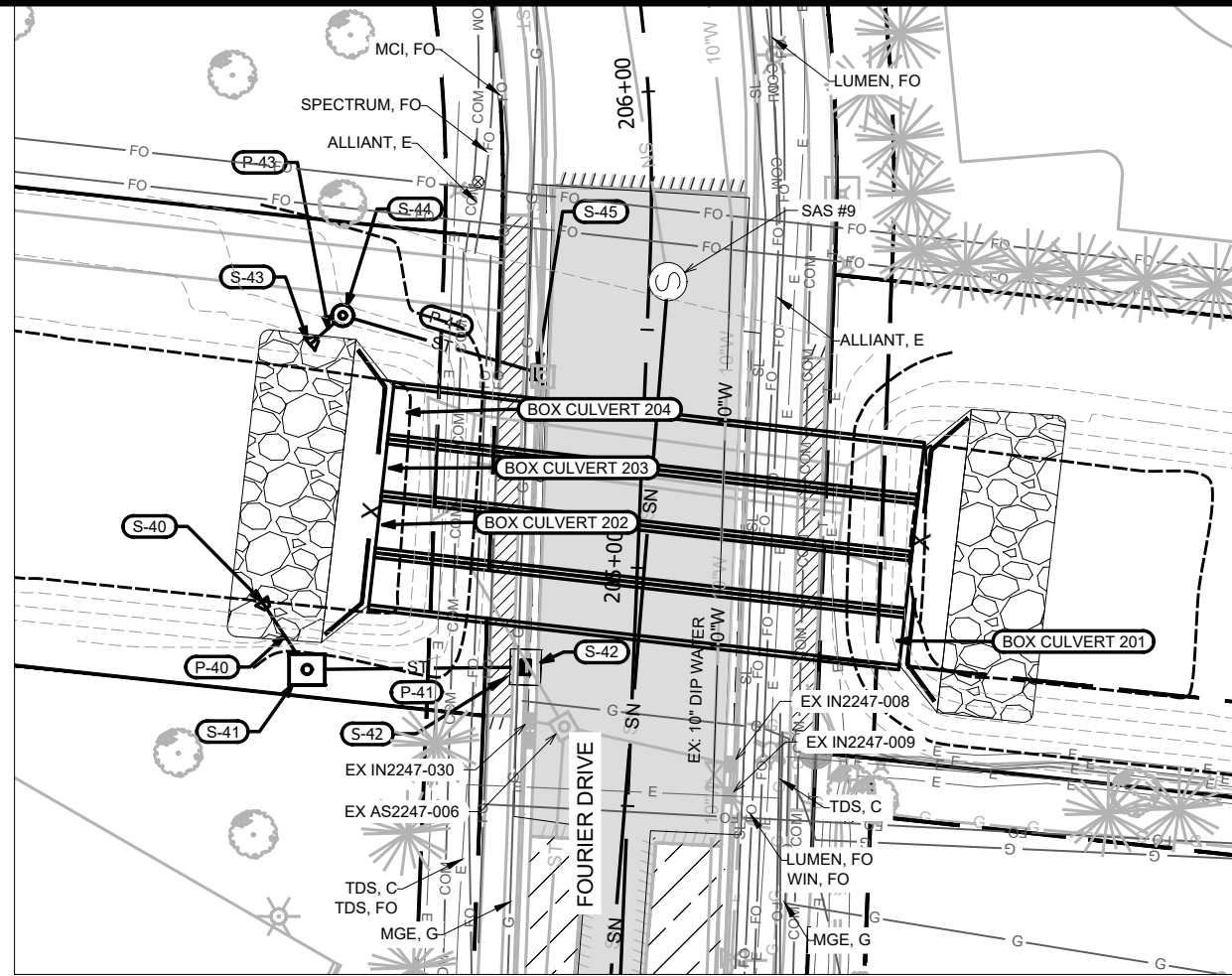
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14370	U13	10/16/2024	JPC

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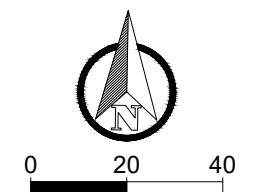
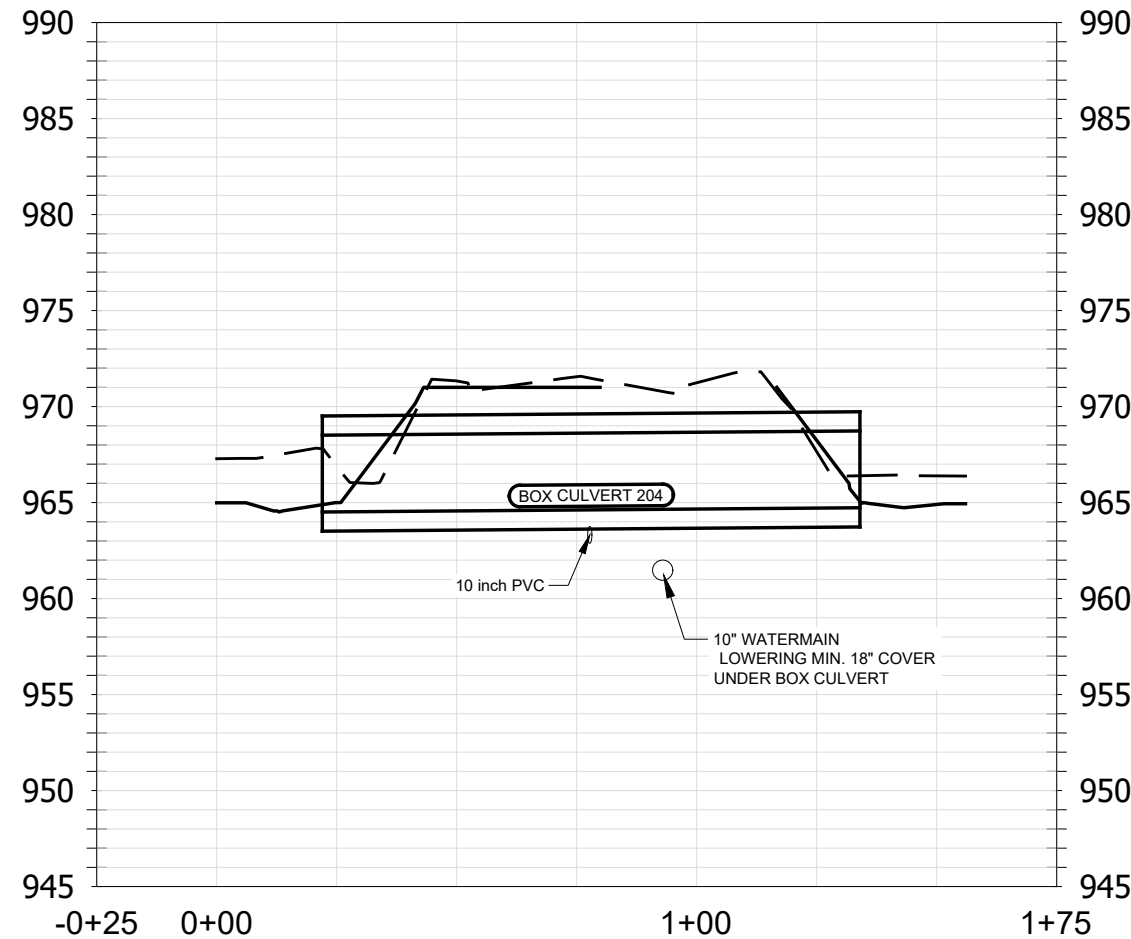
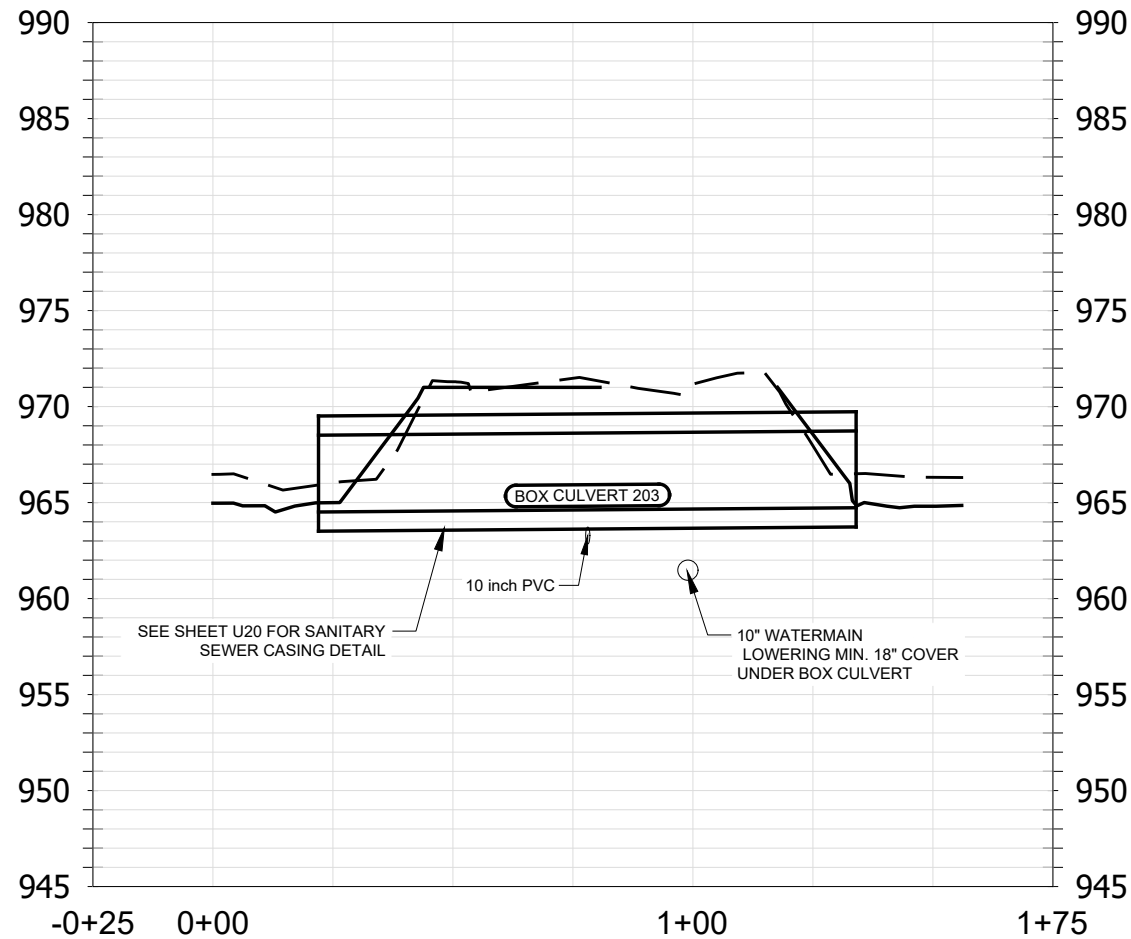
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- 10"W — PROPOSED WATERMAIN LOWERING
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- — PROPOSED SANITARY STRUCTURE
- — EXISTING PROPERTY IRON FOUND
- ST — EXISTING STORM PIPE
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- — EXISTING SANITARY STRUCTURE
- ⊗ — EXISTING GATE VALVE
- ▨ — REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
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- (L) — LIGHT POLE (SEE PLAN NOTE)



REVISION	DATE	BY

14370  
MADISON, WI  
9517

UTILITY PLAN AND PROFILE - FOURIER DRIVE BOX CULVERTS  
PHEASANT BRANCH GREENWAY ENHANCEMENT

CONTRACT NO.: 14370

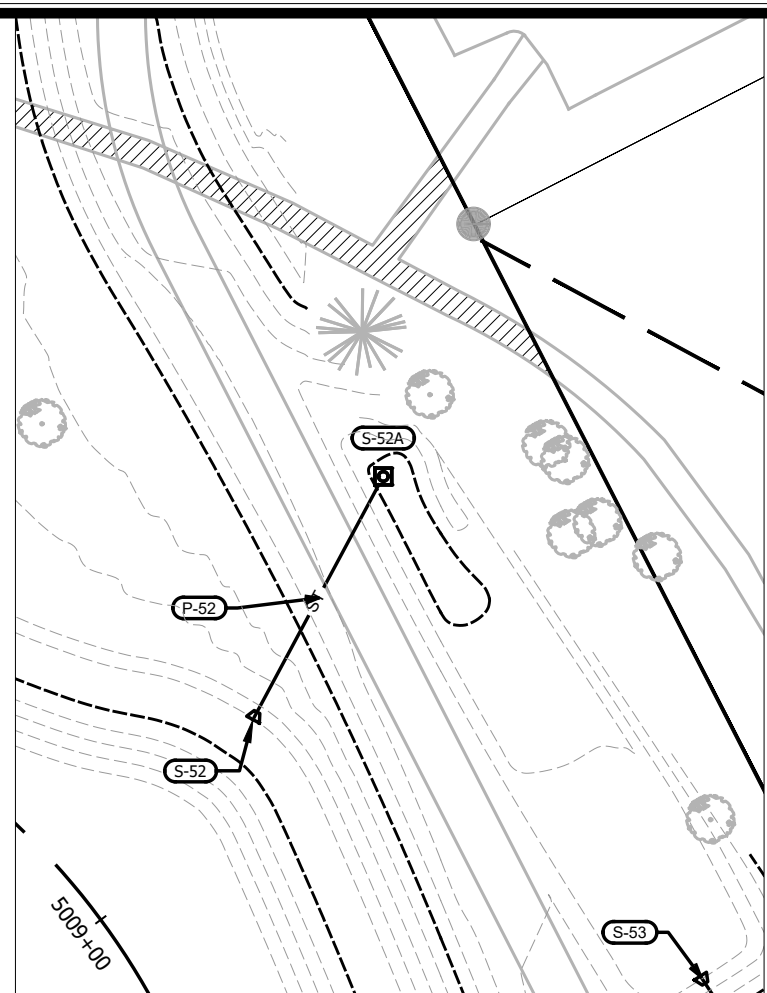
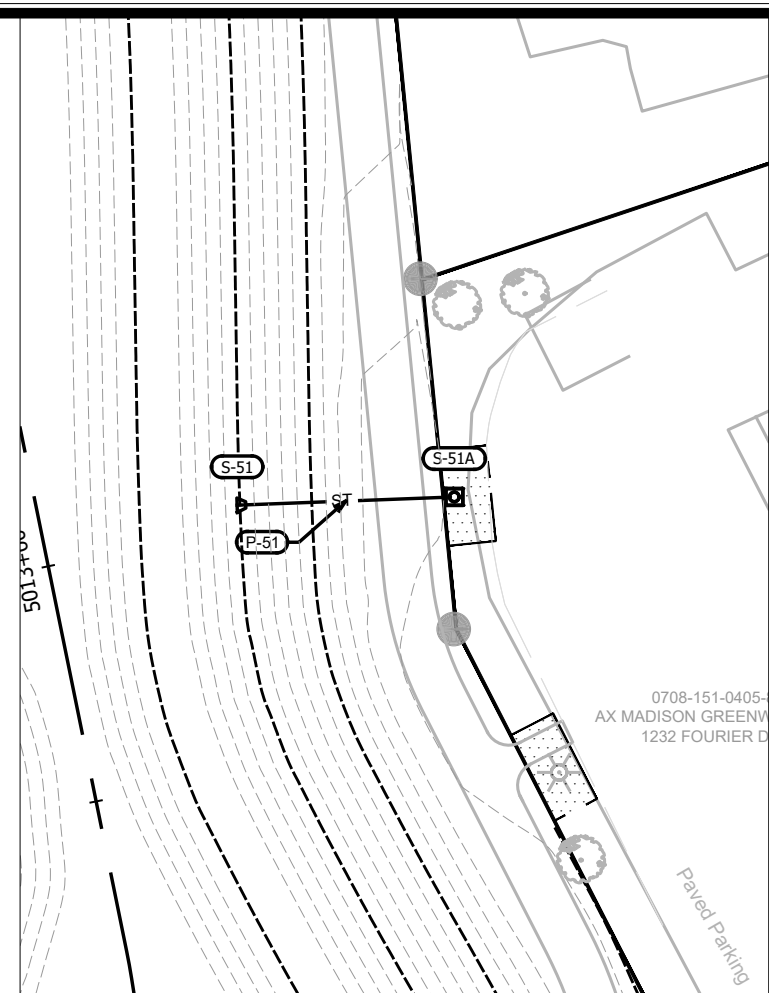
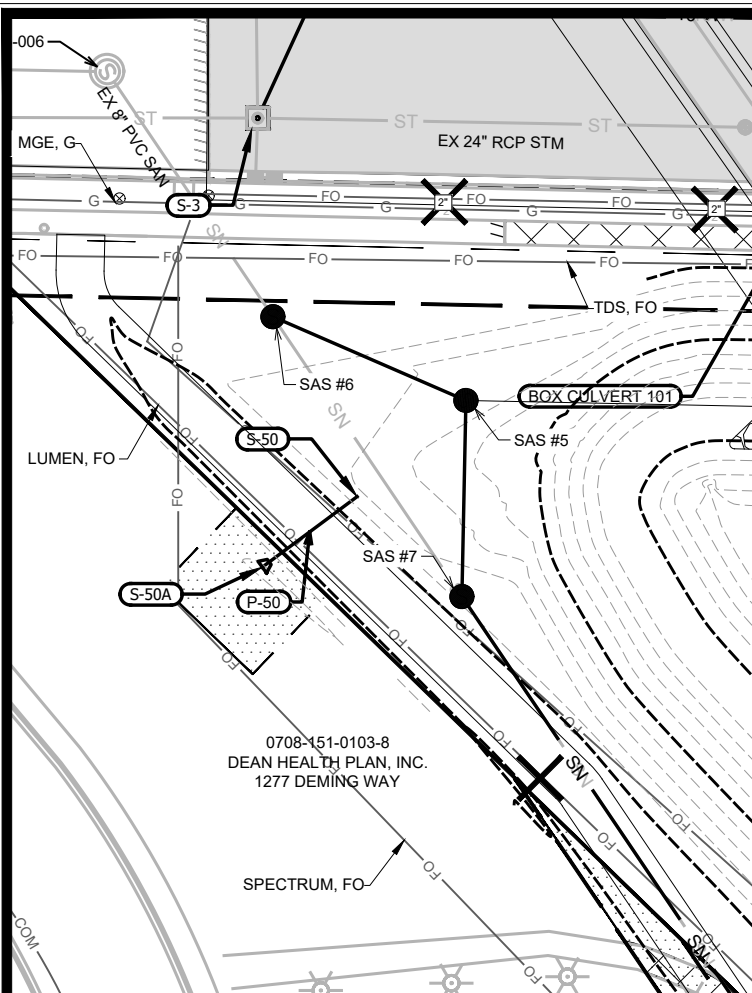
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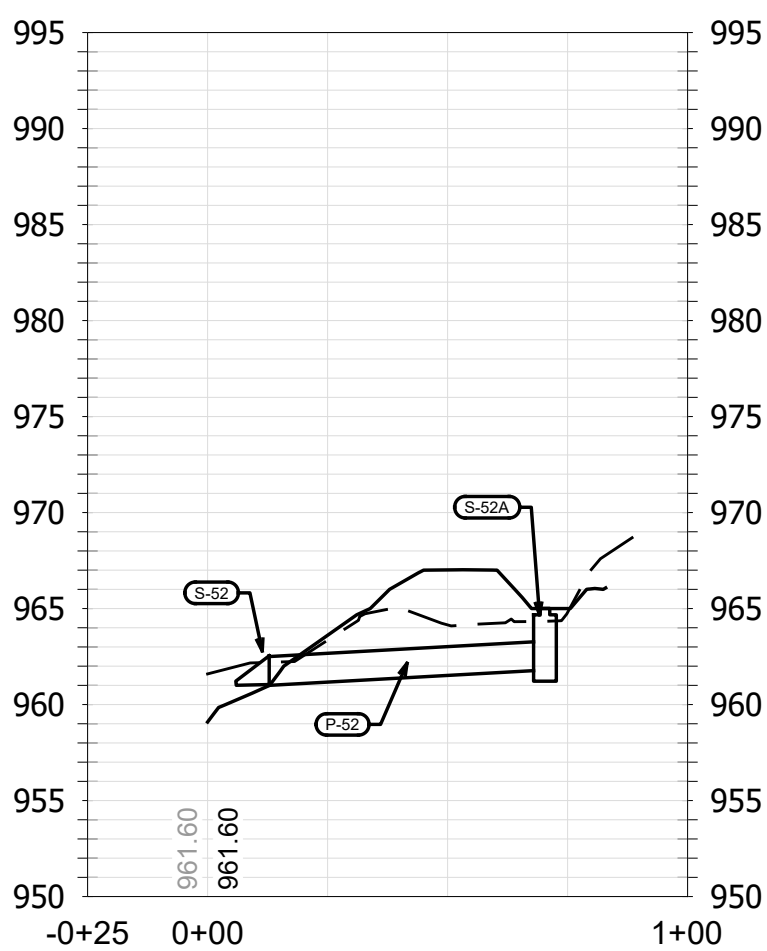
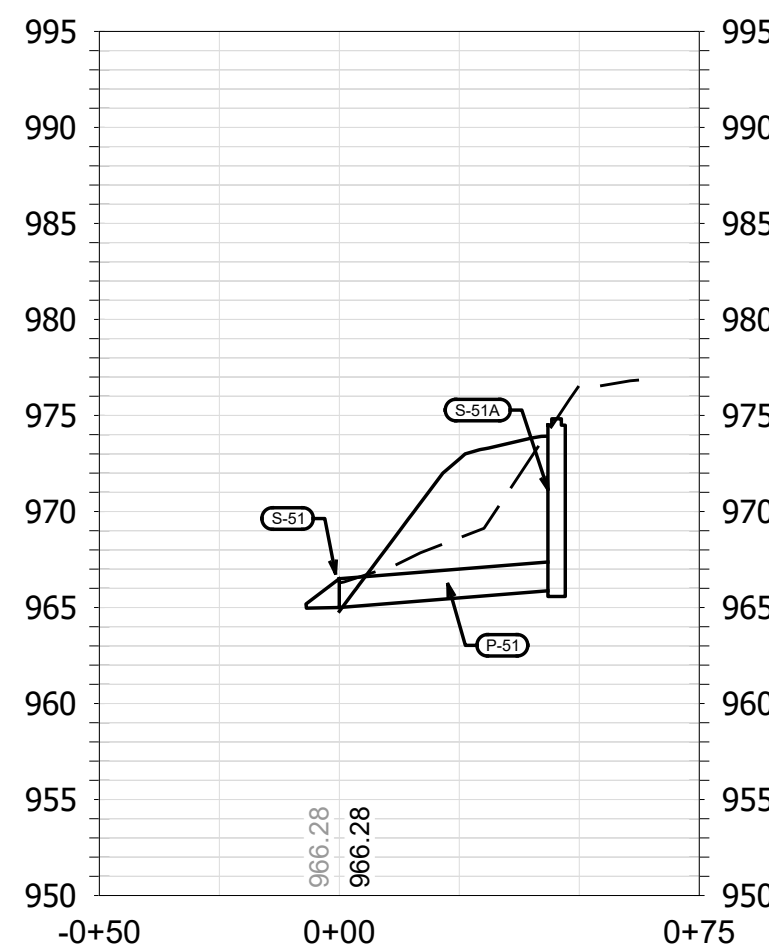
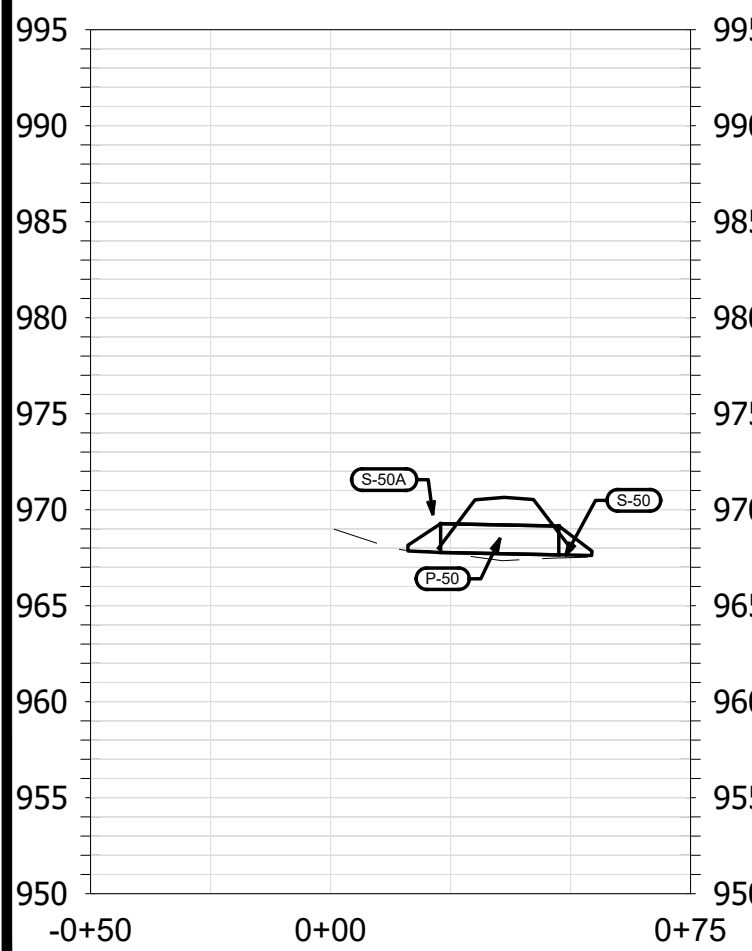
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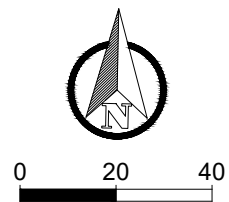




LEGEND	
ST	PROPOSED STORM PIPE
SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
X	PROPOSED GATE VALVE
□	PROPOSED STORM STRUCTURE
●	PROPOSED SANITARY STRUCTURE
●	EXISTING PROPERTY IRON FOUND
ST	EXISTING STORM PIPE
SN	EXISTING SANITARY PIPE
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▨	REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
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▦	2" MILL AND OVERLAY BITUMINOUS PAVEMENT
▤	TEMPORARY EASEMENT
▥	PERMANENT EASEMENT
▧	WETLAND
---	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
▨	SAWCUT PAVEMENT (FULL DEPTH)
X	REMOVE TREE AND DBH
L	LIGHT POLE (SEE PLAN NOTE)



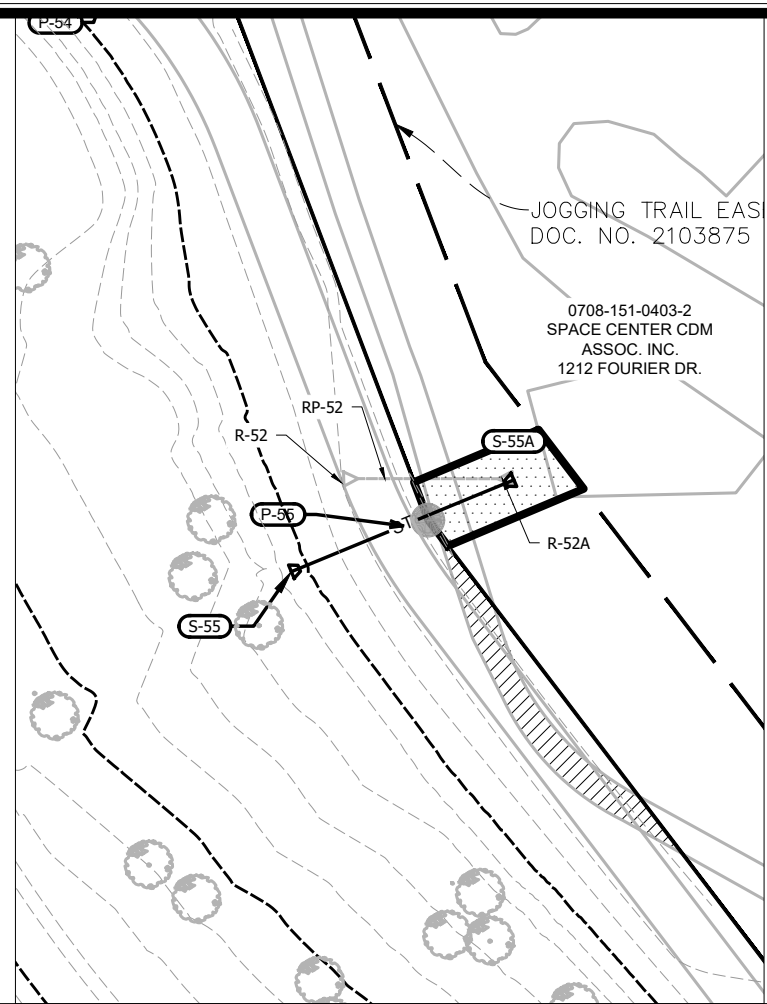
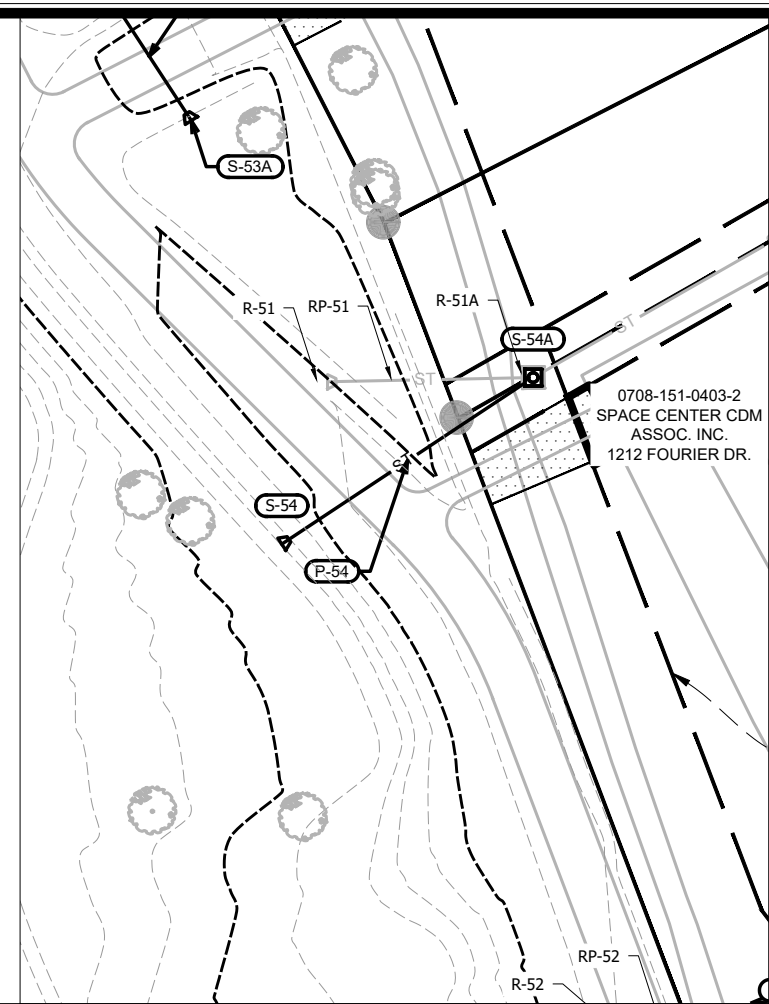
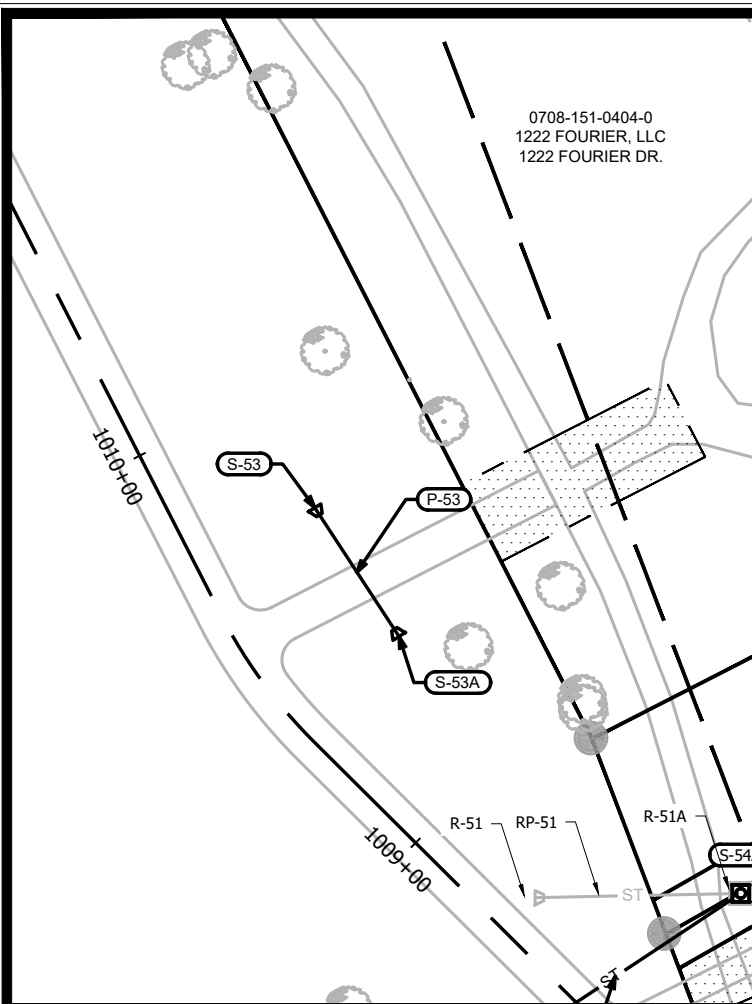
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14370	14370	14370	U15
MADISON, WI	MADISON, WI	MADISON, WI	MADISON, WI
9517	9517	9517	9517
CONTRACT NO:	CONTRACT NO:	CONTRACT NO:	CONTRACT NO:
14370	14370	14370	14370
U15	U15	U15	U15

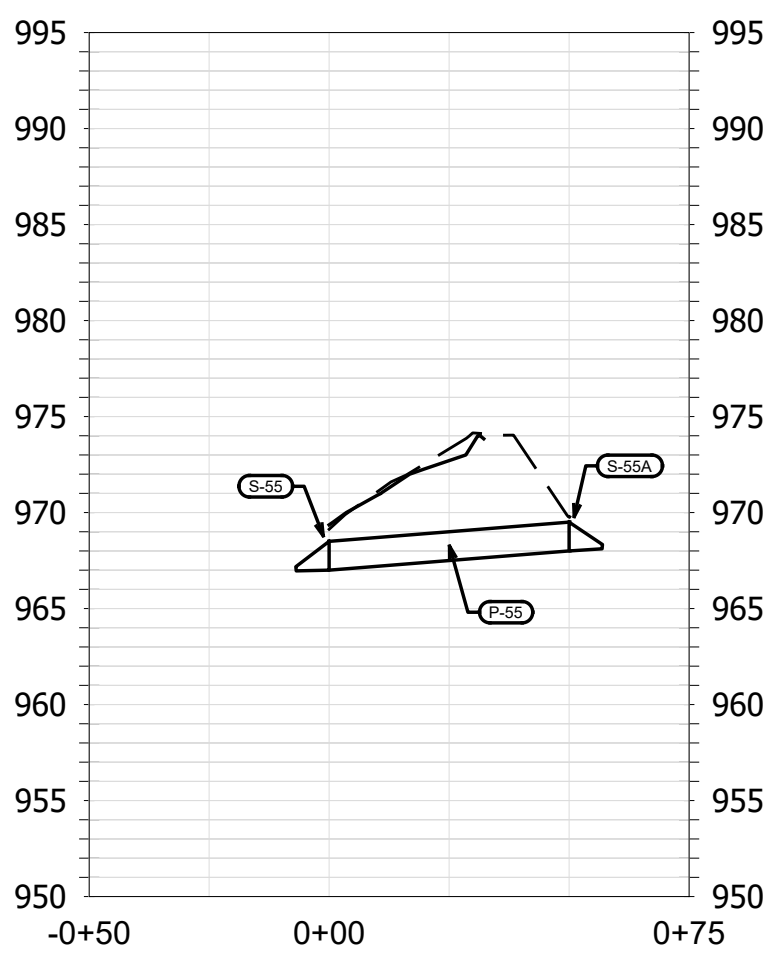
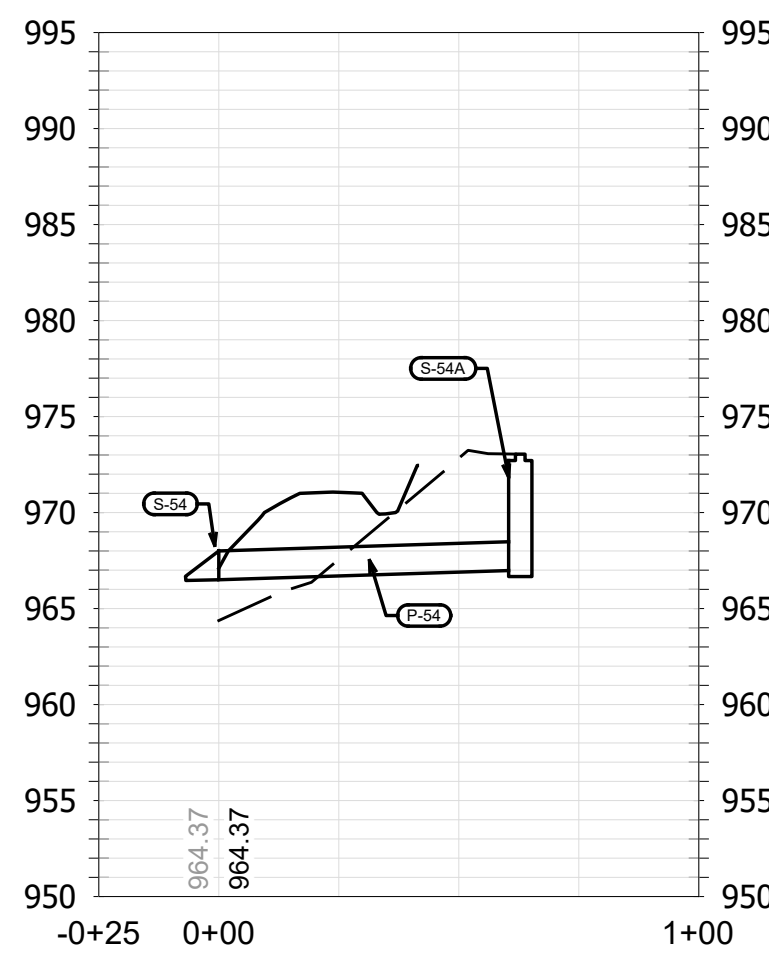
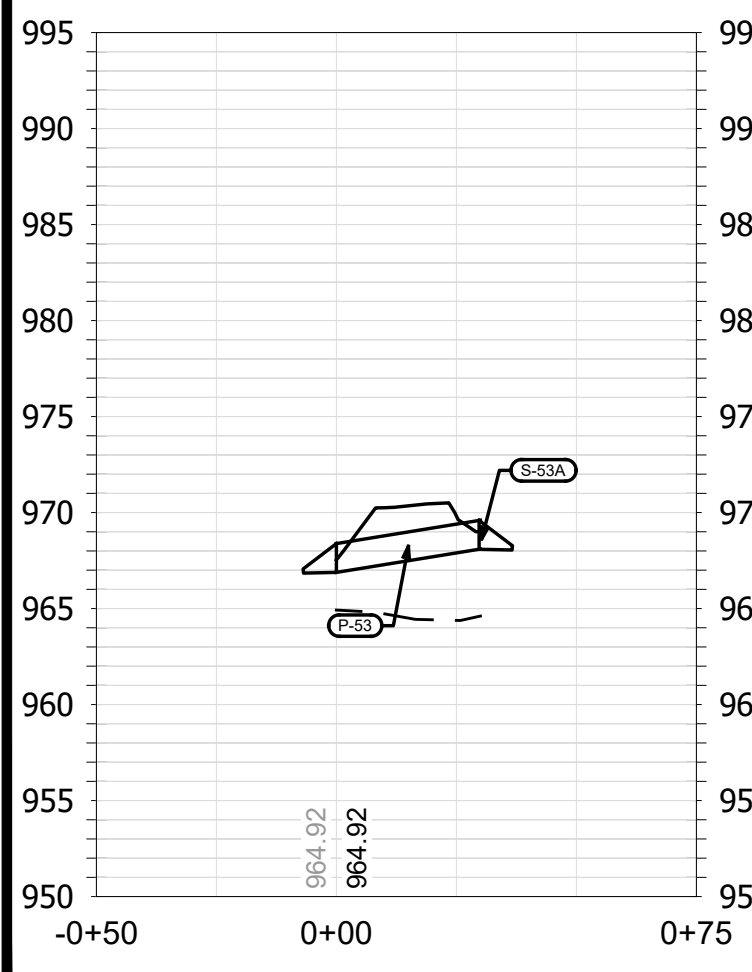
UTILITY PLAN AND PROFILE - GREENWAY CULVERTS  
PHEASANT BRANCH GREENWAY ENHANCEMENT

14370  
U15

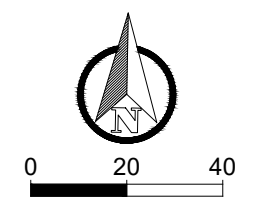


**LEGEND**

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SN	PROPOSED SANITARY PIPE
10"W	PROPOSED WATERMAIN LOWERING
X	PROPOSED GATE VALVE
□	PROPOSED STORM STRUCTURE
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DATE	BY	U16
10/16/2024	JPC	U16
REVISION	14370	
MARK	14370	

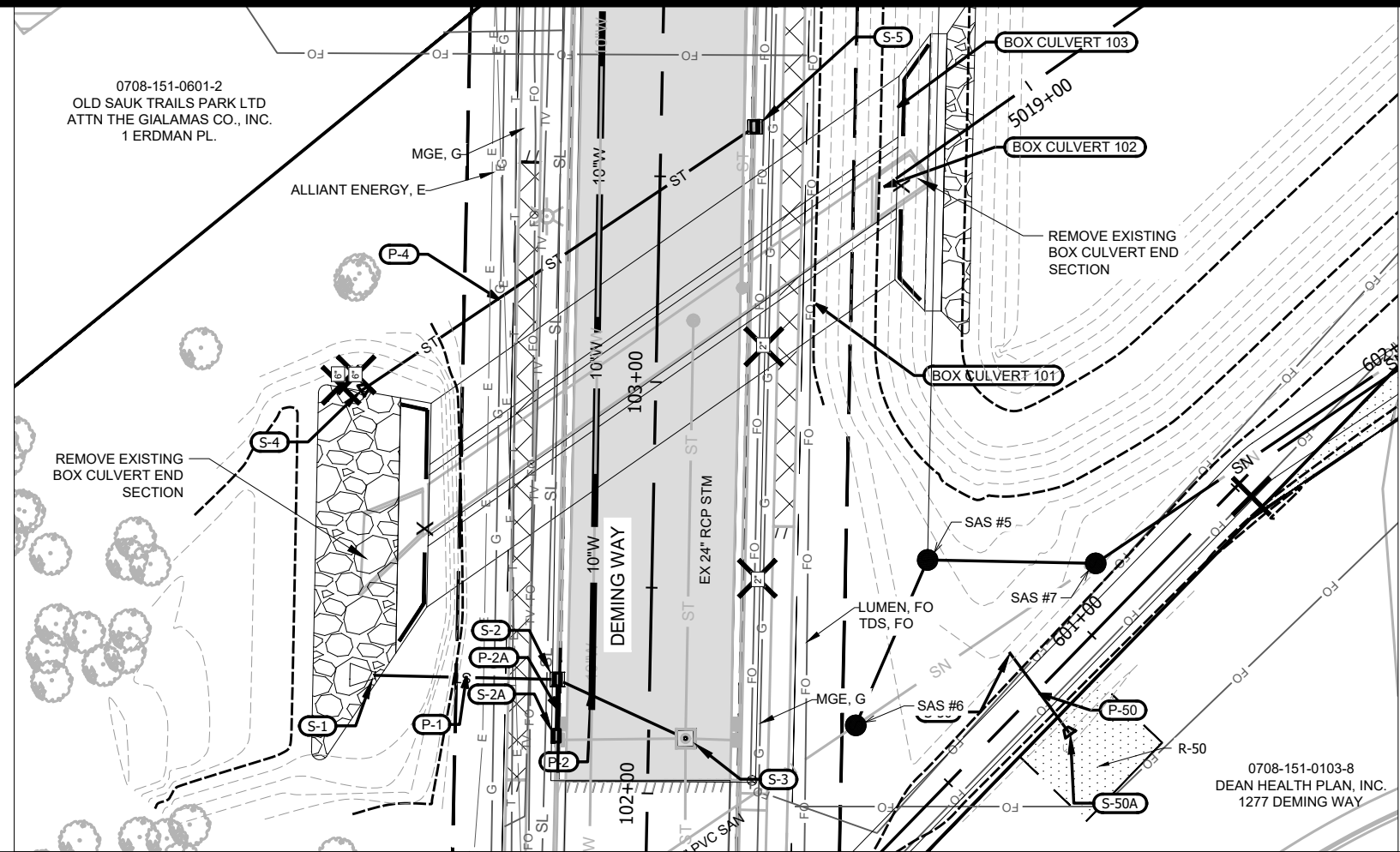
14370 MADISON, WI 9517 CONTRACT NO:

UTILITY PLAN AND PROFILE - GREENWAY CULVERTS  
PHEASANT BRANCH GREENWAY ENHANCEMENT

14370  
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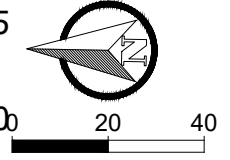
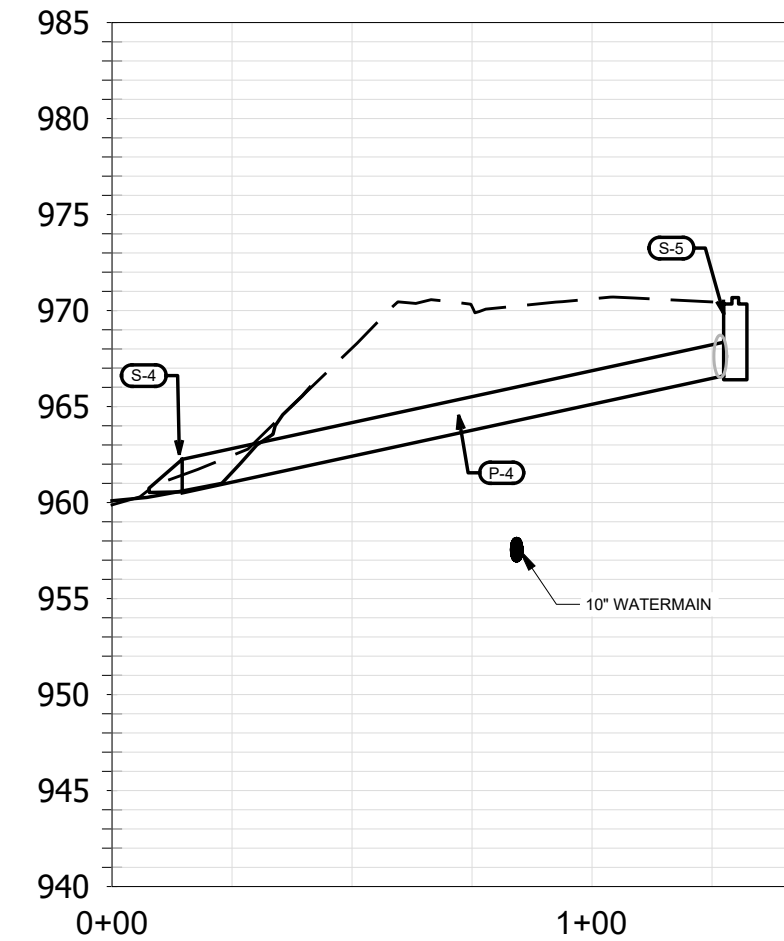
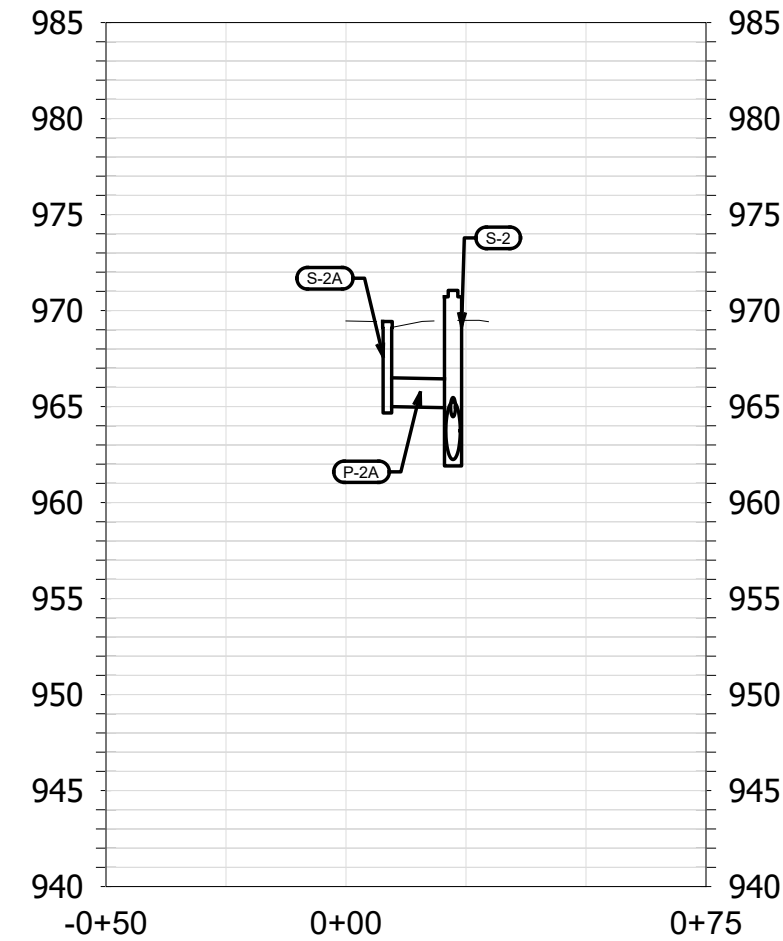
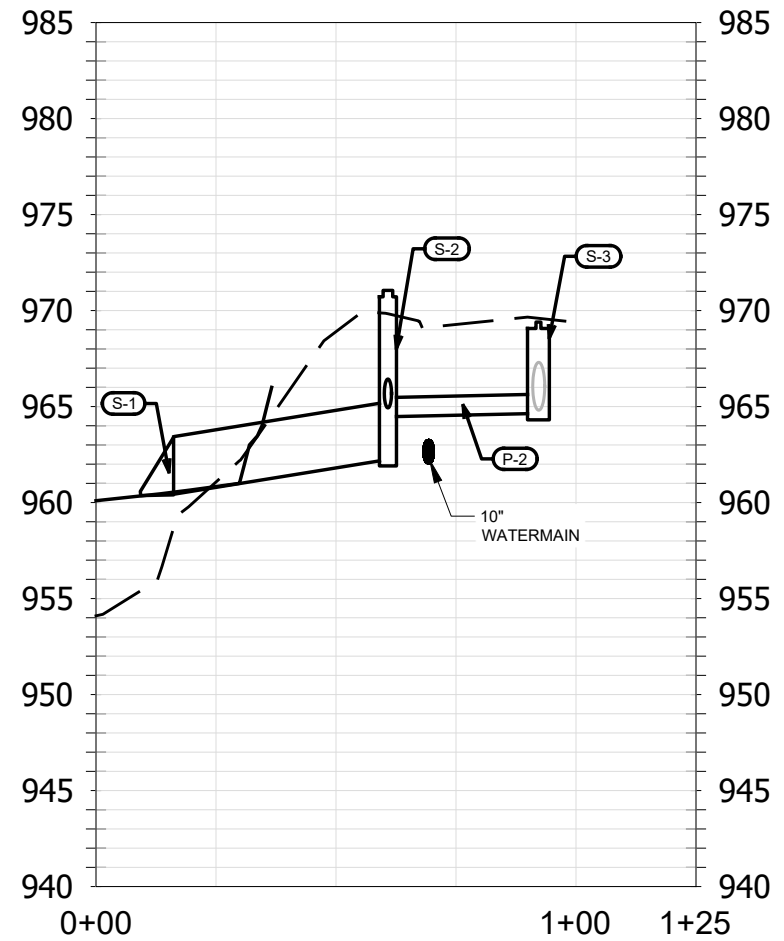
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(Symbol)	PROPOSED GATE VALVE
(Symbol)	PROPOSED STORM STRUCTURE
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(Symbol)	REMOVE TREE AND DBH
(Symbol)	LIGHT POLE (SEE PLAN NOTE)



14370  
MADISON, WI  
9517  
CONTRACT NO:

UTILITY PLAN AND PROFILE - STORM CROSSINGS  
PHEASANT BRANCH GREENWAY ENHANCEMENT

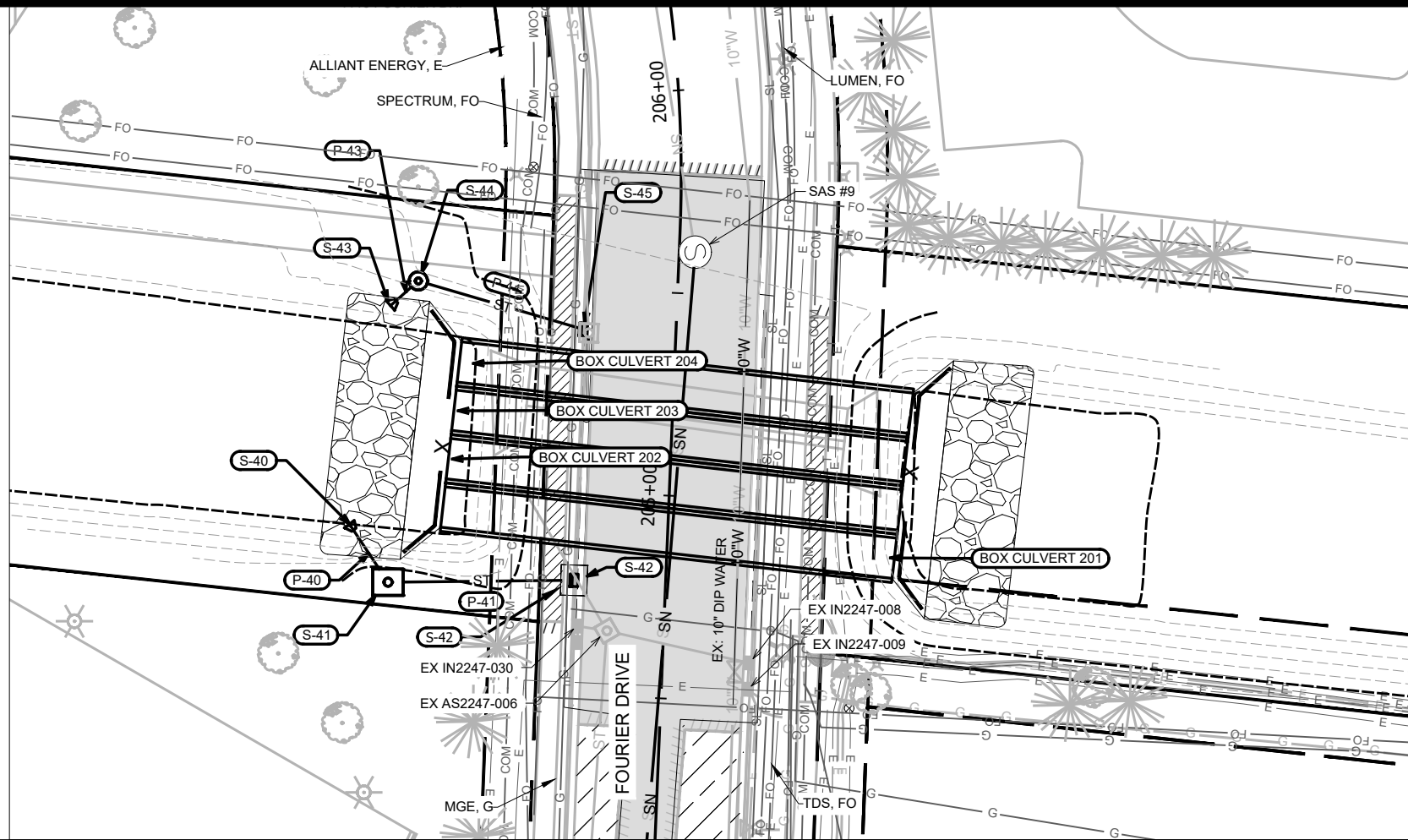
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City of Madison Wisconsin logo

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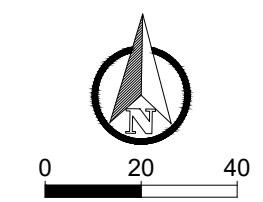
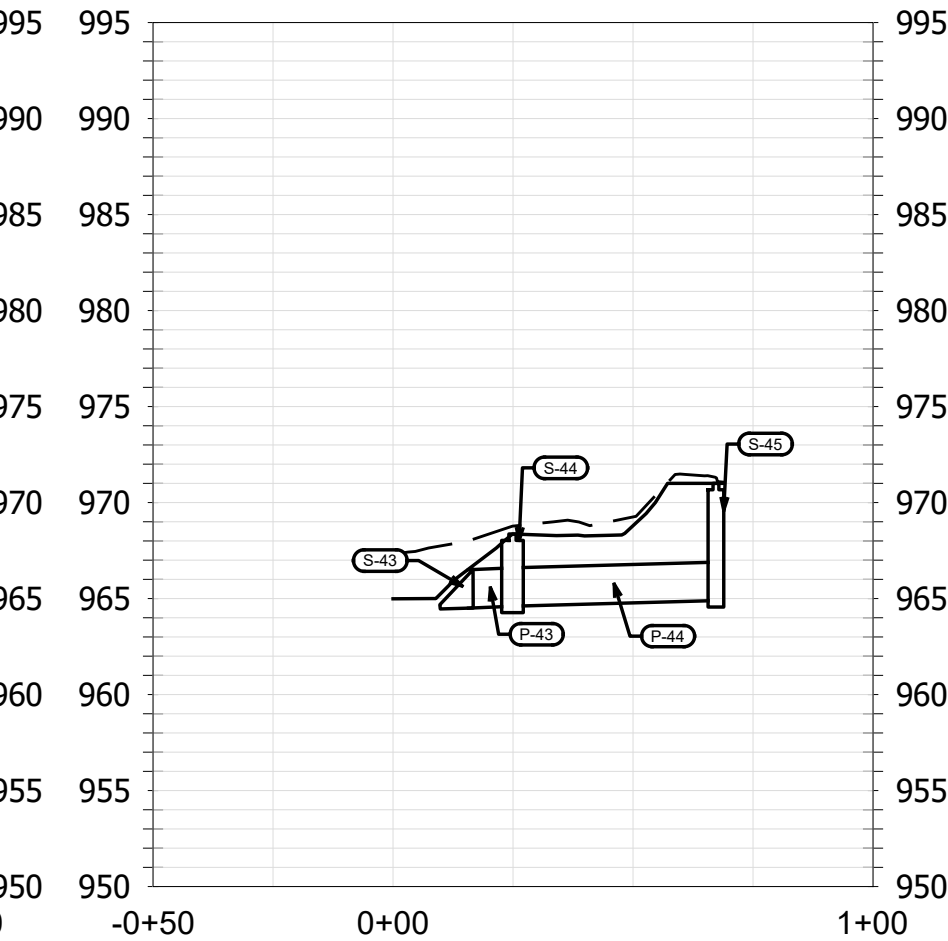
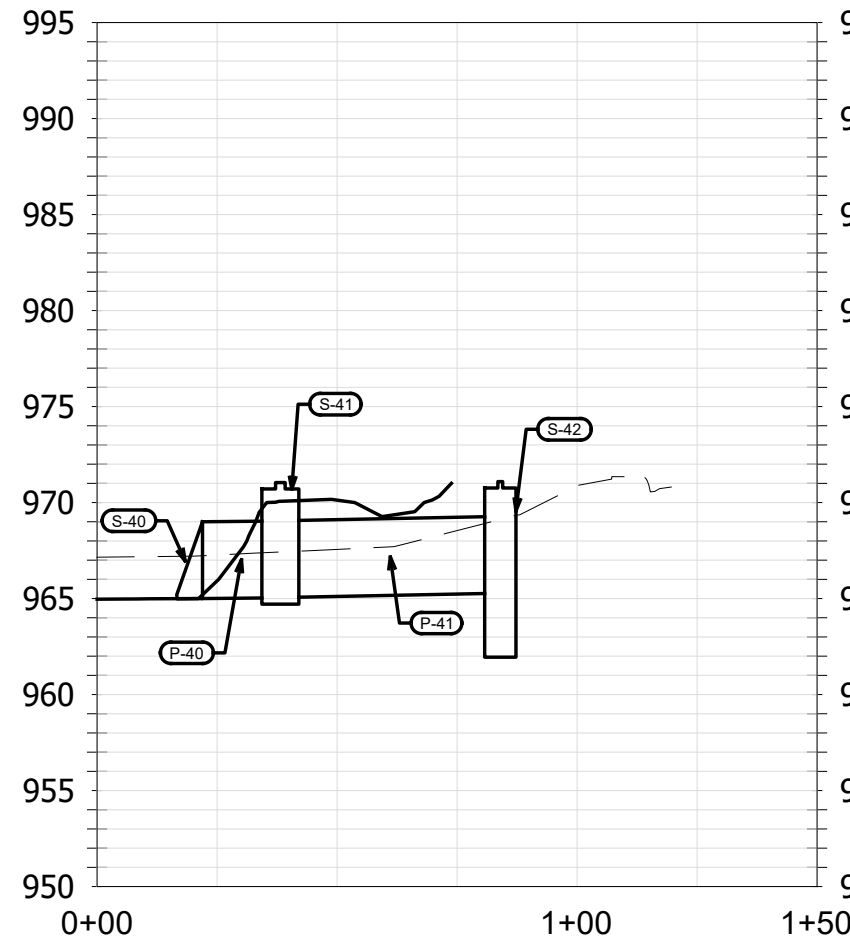
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- — REMOVE BITUMINOUS ROAD PAVEMENT (FULL DEPTH)
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- — SAWCUT PAVEMENT (FULL DEPTH)
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- ⊙ — LIGHT POLE (SEE PLAN NOTE)



14370	MADISON, WI	9517	U18
UTILITY PLAN AND PROFILE - STORM CROSSINGS		PHEASANT BRANCH GREENWAY ENHANCEMENT	
14370		U18	
MADISON, WI		CONTRACT NO:	
14370		9517	
MADISON, WI		U18	
14370		U18	
MADISON, WI		CONTRACT NO:	
14370		9517	
MADISON, WI		U18	



14370  
U18

DEMING WAY

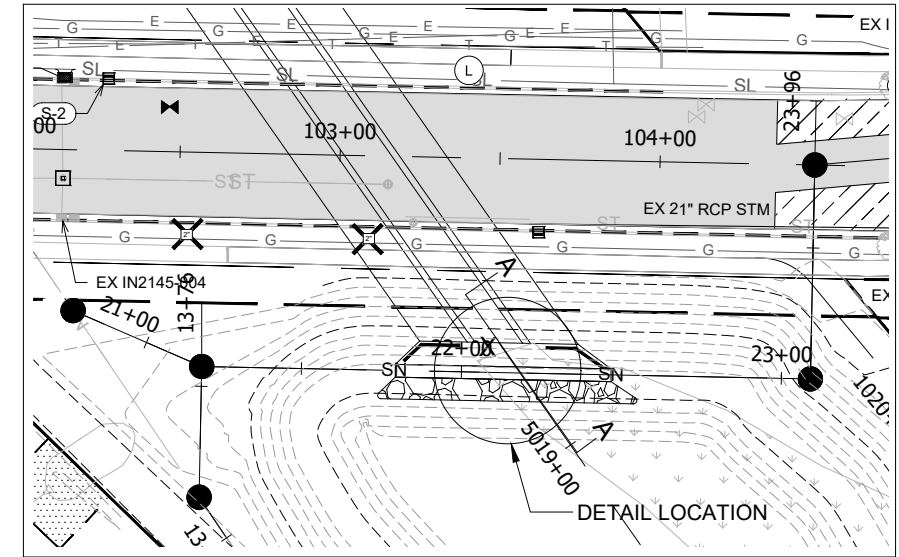
6" OF TOPSOIL AND VEGETATIVE SEEDING

1:3

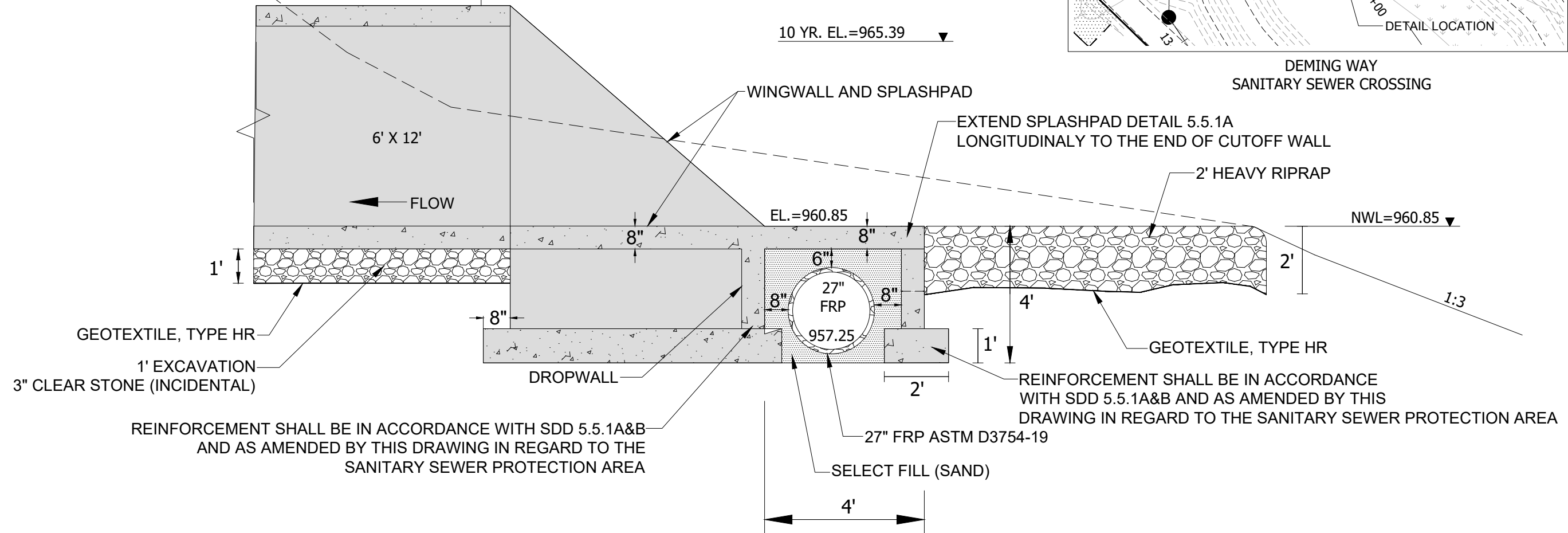
100 YR. EL.=969.26

50 YR. EL.=967.83

10 YR. EL.=965.39



DEMING WAY  
SANITARY SEWER CROSSING



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

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

D-1 SECTION A-A  
SANITARY SEWER TRUNK LINE  
FIBERGLASS REINFORCED PIPE  
NOT TO SCALE

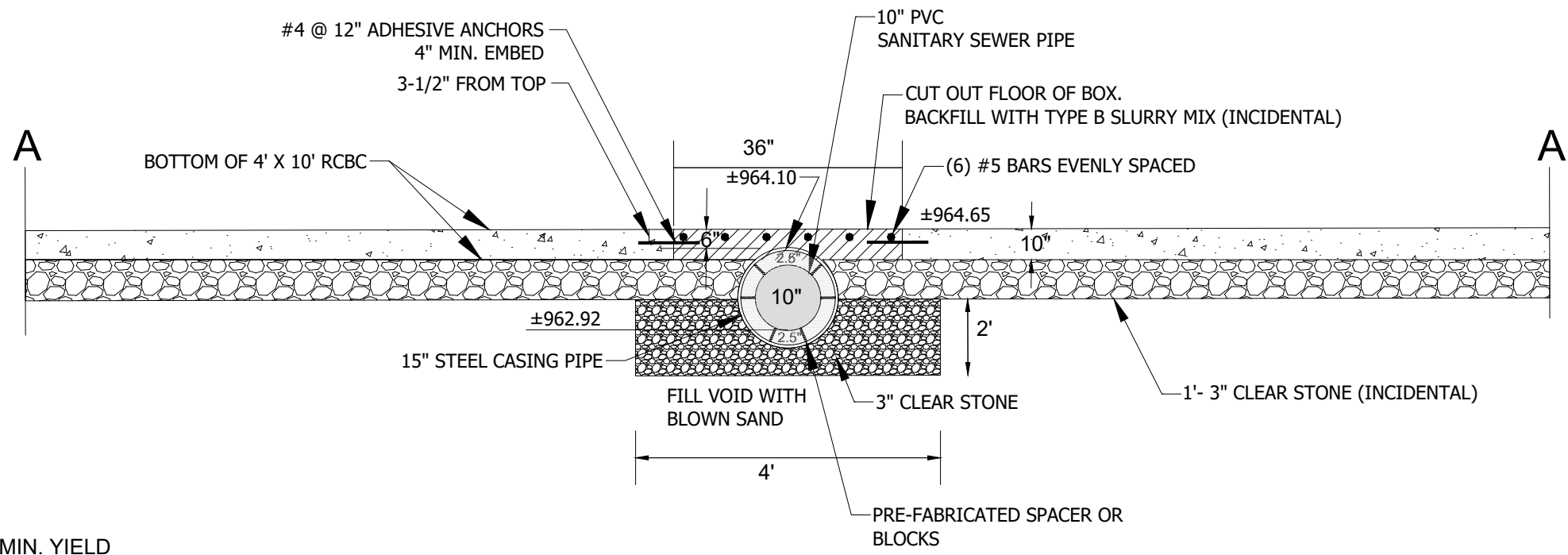
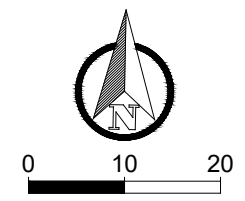
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14370  
MADISON, WI  
9517

UTILITY DETAILS  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO:



14370  
U19



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

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14370	10/16/2024	3:12 PM	JPC
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14370		NO SCALE	
CONTRACT NO:		U20	
14370		9517	
PHEASANT BRANCH GREENWAY ENHANCEMENT		MADISON, WI	
UTILITY DETAILS		14370	
CITY OF MADISON WISCONSIN		U20	



# STORM SEWER SCHEDULE

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

SHEET NO.  
U-STM

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>DEMING WAY</b>							
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
<b>DEMING WAY AT BLACKHAWK ROAD</b>							
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	984.32	4.49	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
<b>DEMING WAY - SOUTHWEST CULVERT AREA</b>							
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, W3 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
<b>FOURIER DRIVE</b>							
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
<b>POND CULVERTS</b>							
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	-	-

## 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
<b>DEMING WAY</b>										
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
<b>DEMING WAY AT BLACKHAWK ROAD</b>										
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	983.40	13.04	11.8	2.29%	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	-
<b>DEMING WAY - SOUTHWEST CULVERT AREA</b>										
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
<b>FOURIER DRIVE</b>										
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
<b>POND CULVERTS</b>										
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; 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.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR

RECOATED PRIOR TO USE.

- 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.

## 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

14370

MADISON, WI

9517

STORM SEWER SCHEDULE  
PHEASANT BRANCH GREENWAY ENHANCEMENT

CONTRACT NO:



14370

U22

MARK	REVISION	DATE	BY
14370	Designed By: JPC	Date: 10/16/2024 3:12 PM	Scale: NO SCALE
U22			



# STORM SEWER SCHEDULE

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

## REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
<b>DEMING WAY (NORTH CULVERT AREA)</b>					
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	-
<b>DEMING WAY AT BLACKHAWK ROAD</b>					
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	IN#2047-022	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	-
<b>DEMING WAY - SOUTHWEST CULVERT AREA</b>					
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	-
<b>SOUTHWEST GREENWAY</b>					
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	-
<b>FOURIER DRIVE</b>					
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	-
<b>GREENWAY CULVERTS</b>					
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
<b>DEMING WAY (NORTH CULVERT AREA)</b>							
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	-
<b>DEMING WAY AT BLACKHAWK ROAD</b>							
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	-
<b>DEMING WAY - SOUTHWEST CULVERT AREA</b>							
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	-
<b>SOUTHWEST GREENWAY</b>							
RP-30	AE #2147-020	AE #2147-019	12	24"	RCP	N	-
RP-31	AE #2147-017	AE #2147-018	12	24"	RCP	N	-
<b>FOURIER DRIVE</b>							
RP-40	AE #2247-016	S-42	24	42"	RCP	N	-
RP-41	TP #2247-019	IN #2247-010	21	18"	RCP	N	-
<b>GREENWAY CULVERTS</b>							
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
<b>ABANDON STORM PIPES</b>							
REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
AB-10	AS #2047-008	AS #2047-007	76	36"	RCP	Y	-
<b>DEMING WAY AT BLACKHAWK ROAD</b>							

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DATE	BY
REVISION	NO SCALE
U23	U23

14370  
MADISON, WI  
9517

STORM SEWER REMOVAL SCHEDULE  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO. 14370

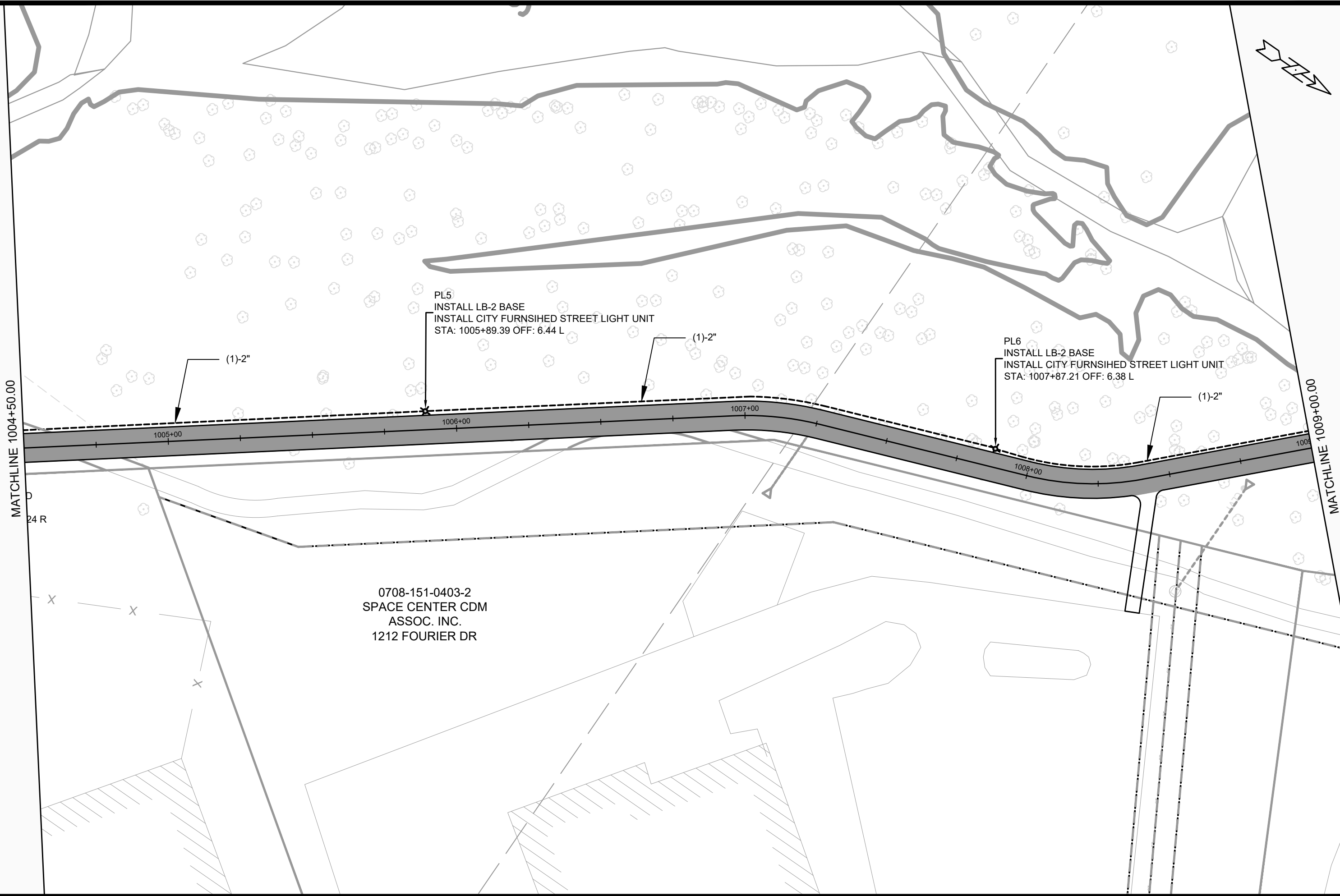


14370  
U23



MATCHLINE 1004+50.00

MATCHLINE 1009+00.00



PL5  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1005+89.39 OFF: 6.44 L

PL6  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1007+87.21 OFF: 6.38 L

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

MARK	REVISION	DATE	BY

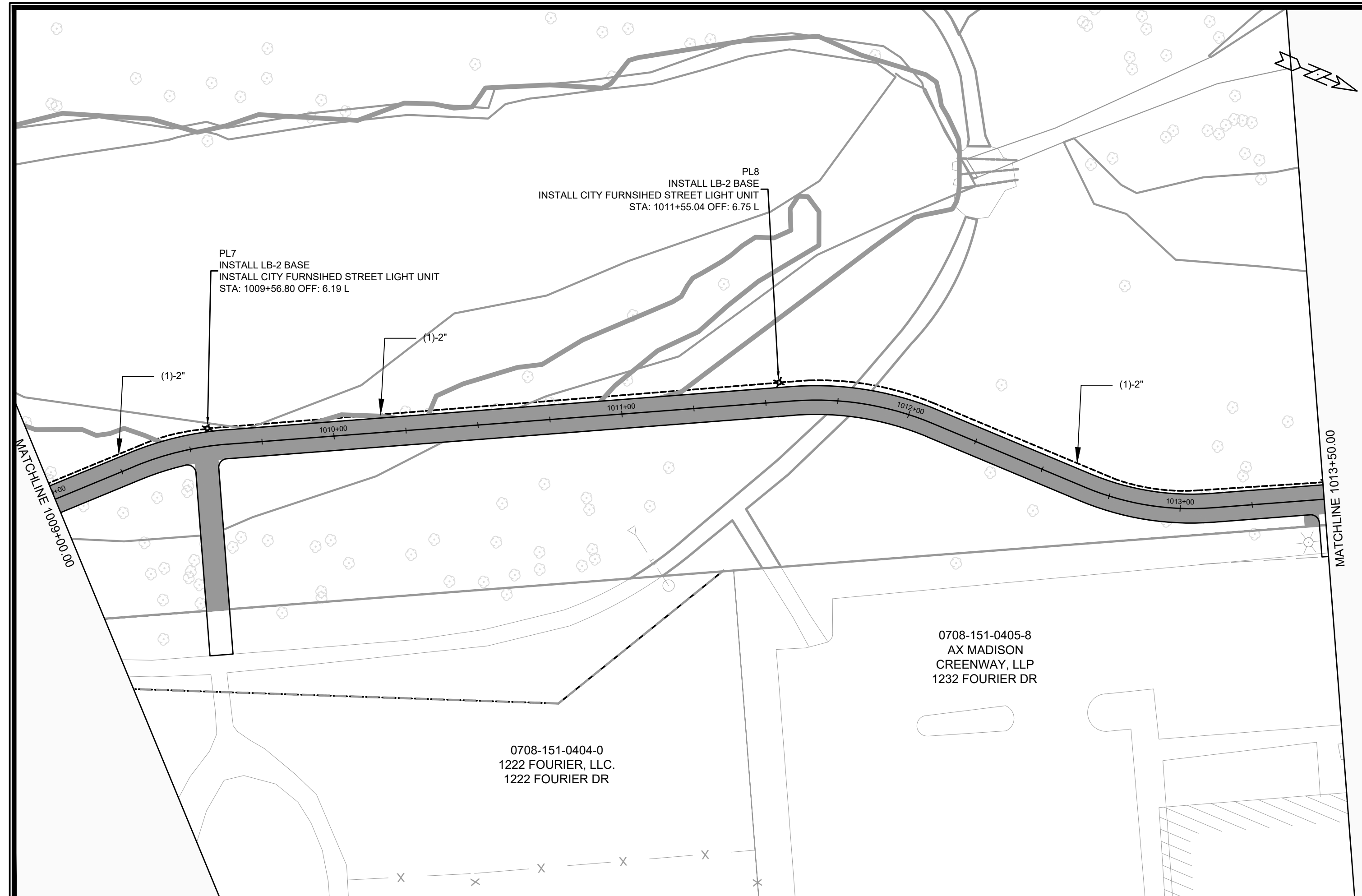
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14370  
 MADISON, WI  
 CONTRACT NO: 9517

ELECTRICAL PLAN  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
 E-2



PL7  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1009+56.80 OFF: 6.19 L

PL8  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1011+55.04 OFF: 6.75 L

MATCHLINE 1009+00.00

MATCHLINE 1013+50.00

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

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

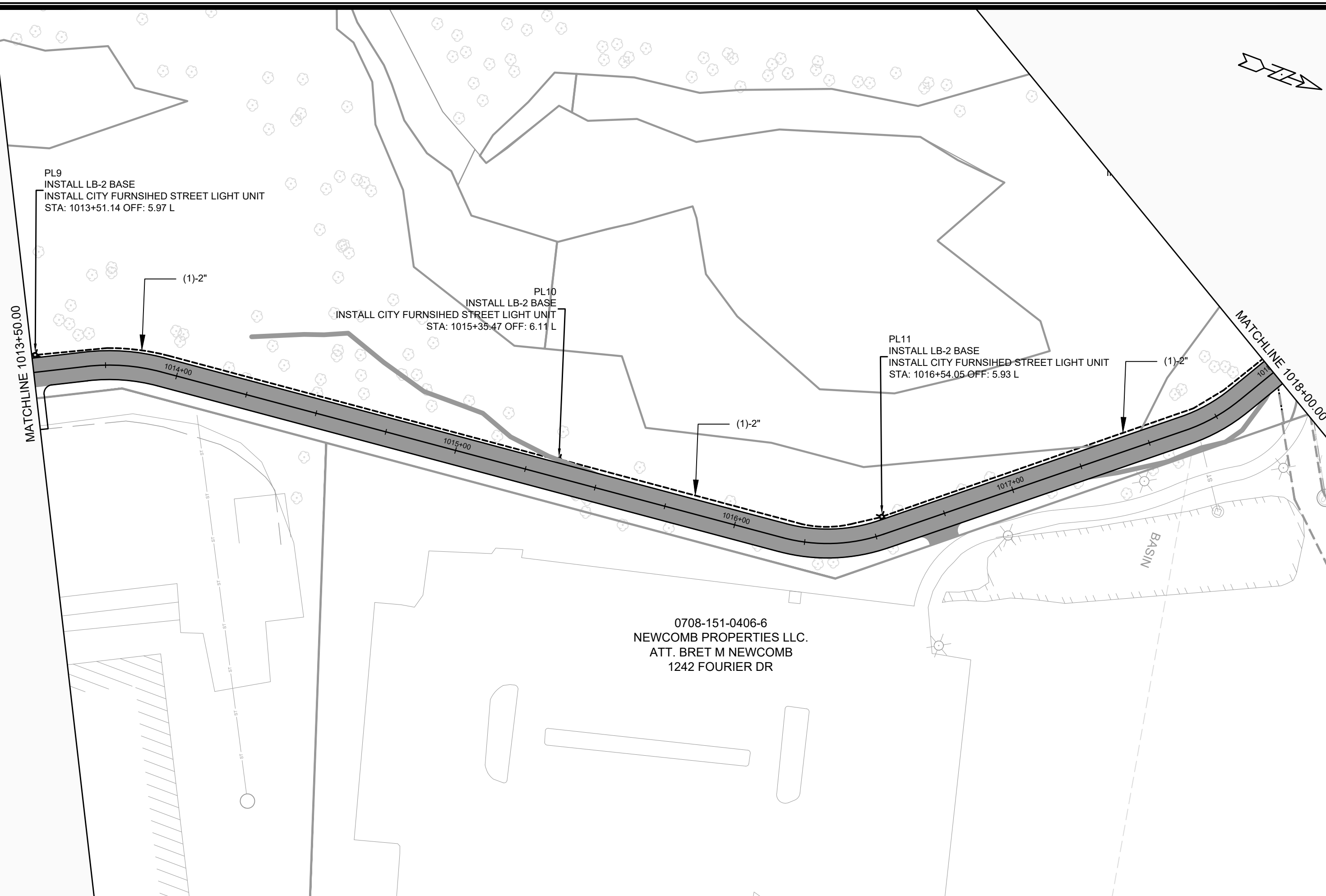
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14370  
 MADISON, WI  
 9517  
 CONTRACT NO:

ELECTRICAL PLAN  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
 E-3



PL9  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1013+51.14 OFF: 5.97 L

PL10  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1015+35.47 OFF: 6.11 L

PL11  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1016+54.05 OFF: 5.93 L

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

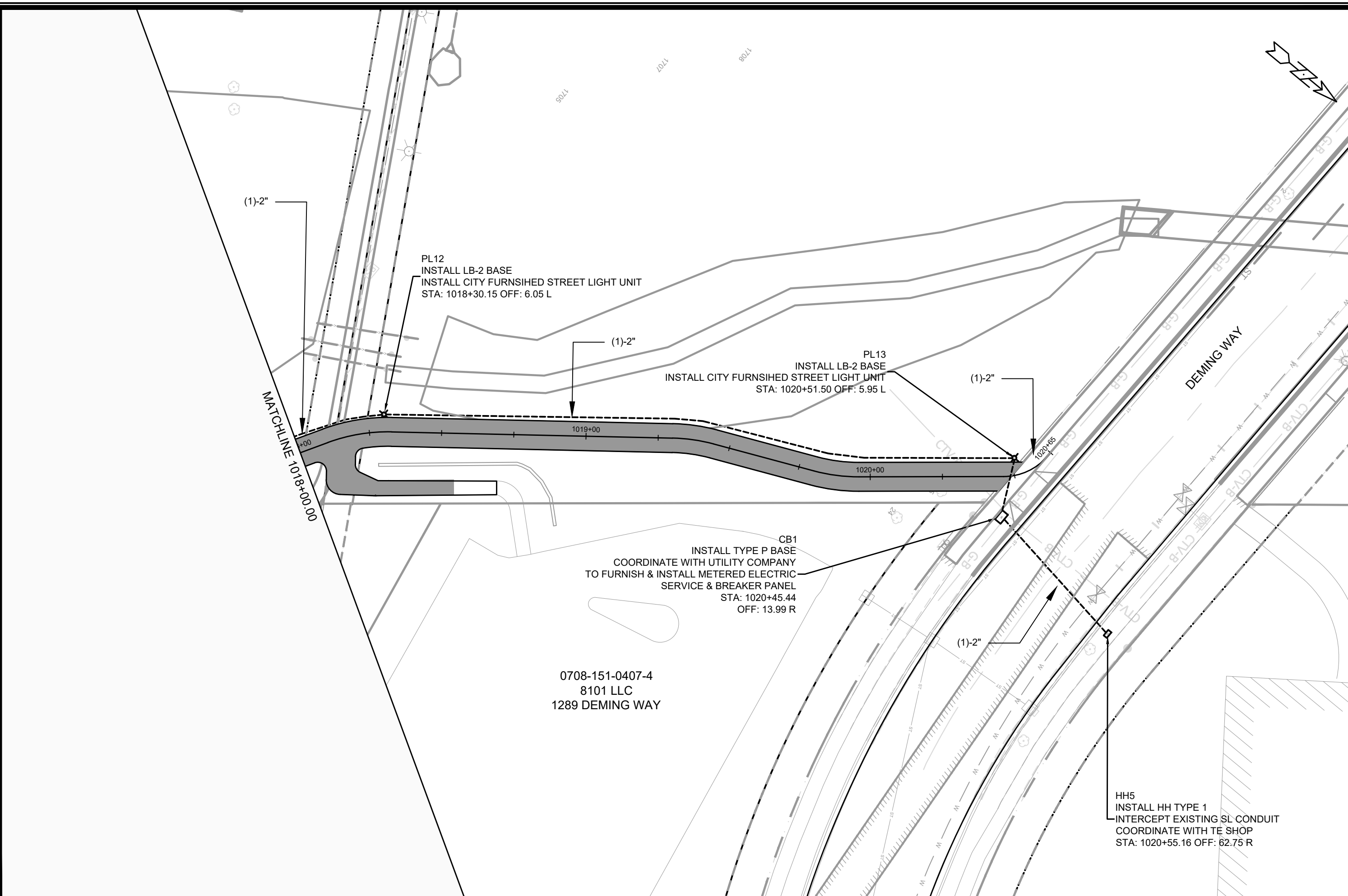
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14370  
 MADISON, WI  
 CONTRACT NO: 9517

ELECTRICAL PLAN  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
 E-4



(1)-2"

PL12  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1018+30.15 OFF: 6.05 L

(1)-2"

PL13  
 INSTALL LB-2 BASE  
 INSTALL CITY FURNISHED STREET LIGHT UNIT  
 STA: 1020+51.50 OFF: 5.95 L

(1)-2"

MATCHLINE 1018+00.00

1019+00

1020+00

1020+85

CB1  
 INSTALL TYPE P BASE  
 COORDINATE WITH UTILITY COMPANY  
 TO FURNISH & INSTALL METERED ELECTRIC  
 SERVICE & BREAKER PANEL  
 STA: 1020+45.44  
 OFF: 13.99 R

0708-151-0407-4  
 8101 LLC  
 1289 DEMING WAY

(1)-2"

HH5  
 INSTALL HH TYPE 1  
 INTERCEPT EXISTING SL CONDUIT  
 COORDINATE WITH TE SHOP  
 STA: 1020+55.16 OFF: 62.75 R

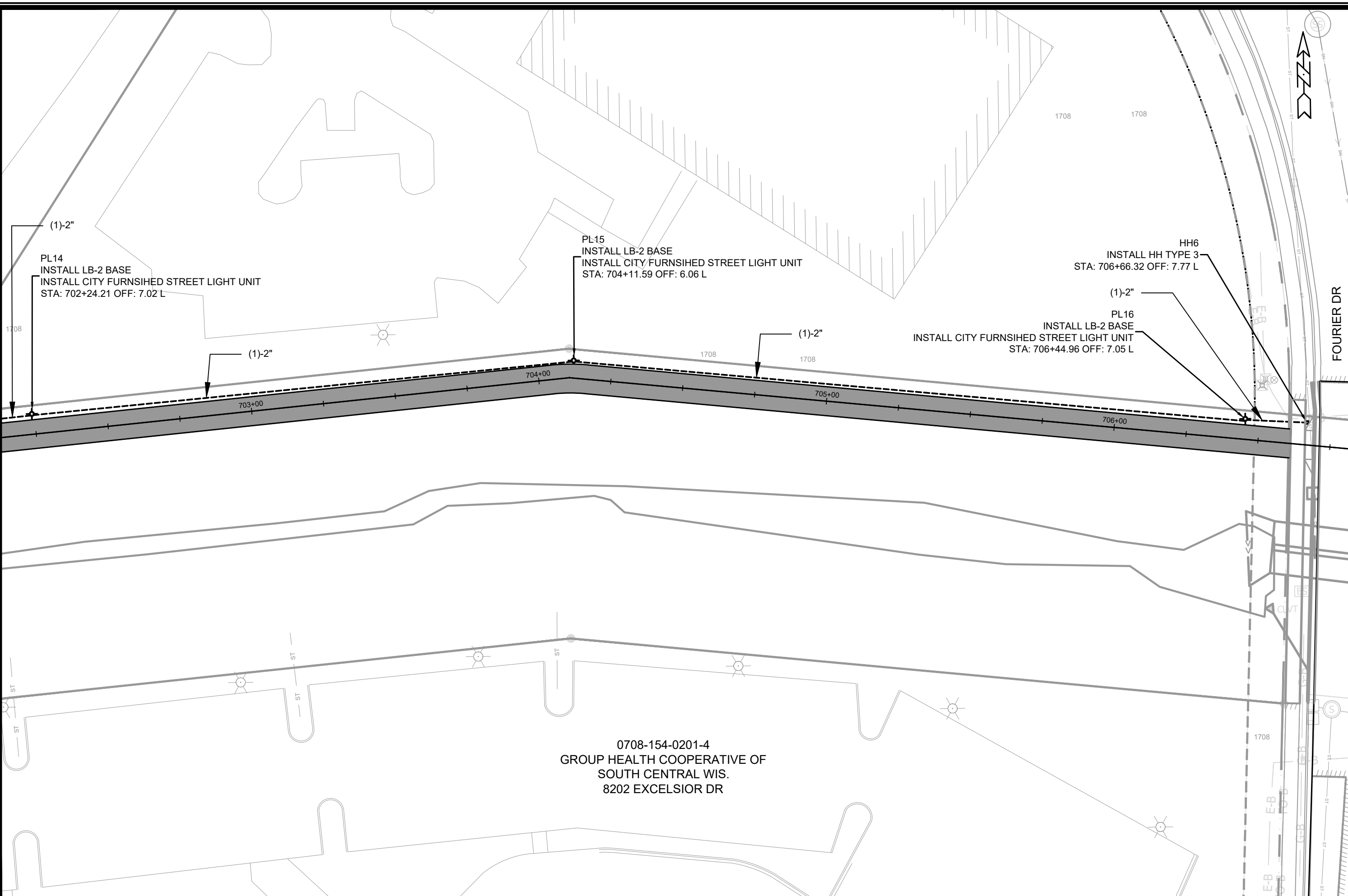
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 MADISON, WI  
 CONTRACT NO: 9517

ELECTRICAL PLAN  
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14370  
 E-5



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

MARK	REVISION	DATE	BY

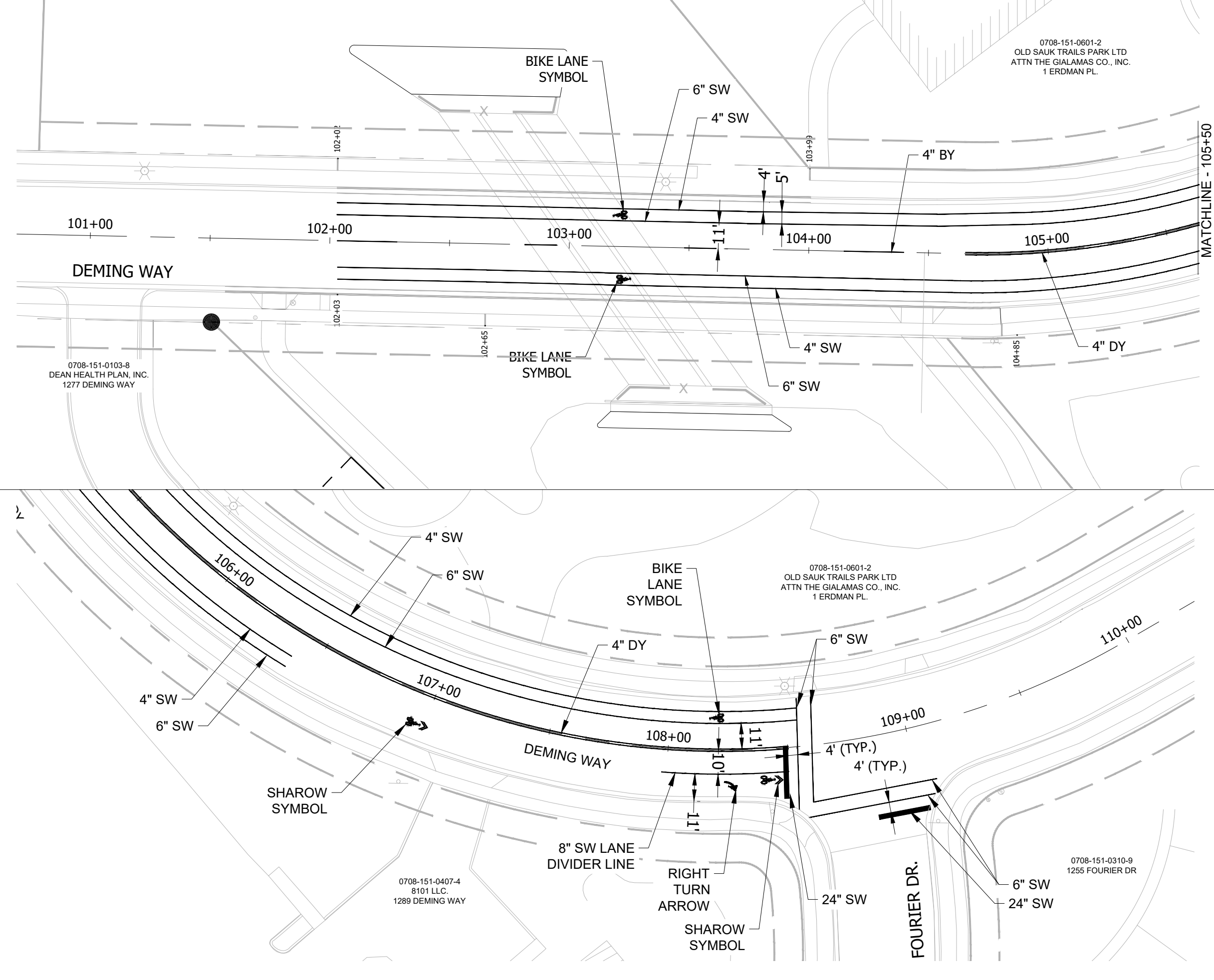
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 MADISON, WI  
 CONTRACT NO: 9517

ELECTRICAL PLAN  
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14370  
 E-6

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 14730 E-6

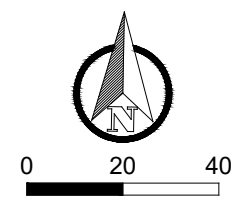


**LEGEND**

===== PROPOSED CONCRETE CURB AND GUTTER

**PAVEMENT MARKINGS**

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



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

0708-151-0103-8  
 DEAN HEALTH PLAN, INC.  
 1277 DEMING WAY

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

0708-151-0407-4  
 8101 LLC.  
 1289 DEMING WAY

0708-151-0310-9  
 1255 FOURIER DR

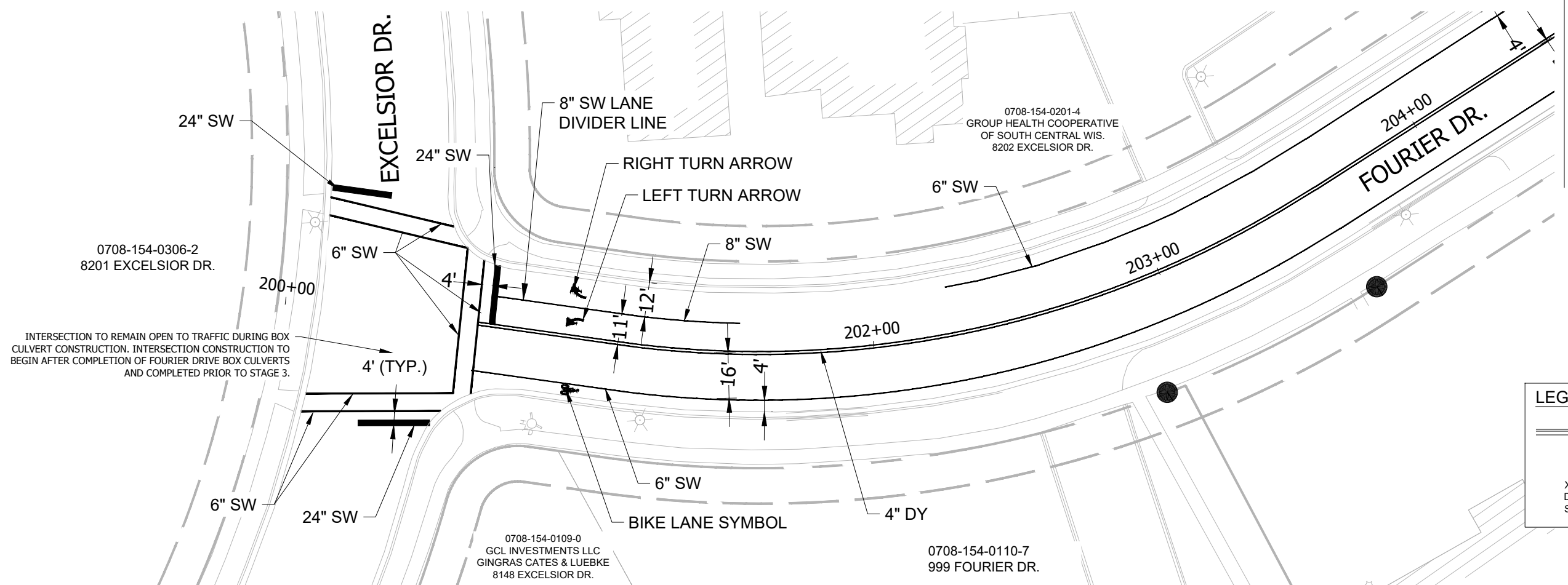
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14370			PM1

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



14370  
 PM1





INTERSECTION TO REMAIN OPEN TO TRAFFIC DURING BOX CULVERT CONSTRUCTION. INTERSECTION CONSTRUCTION TO BEGIN AFTER COMPLETION OF FOURIER DRIVE BOX CULVERTS AND COMPLETED PRIOR TO STAGE 3.

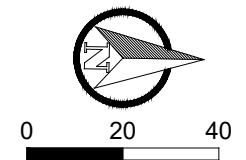
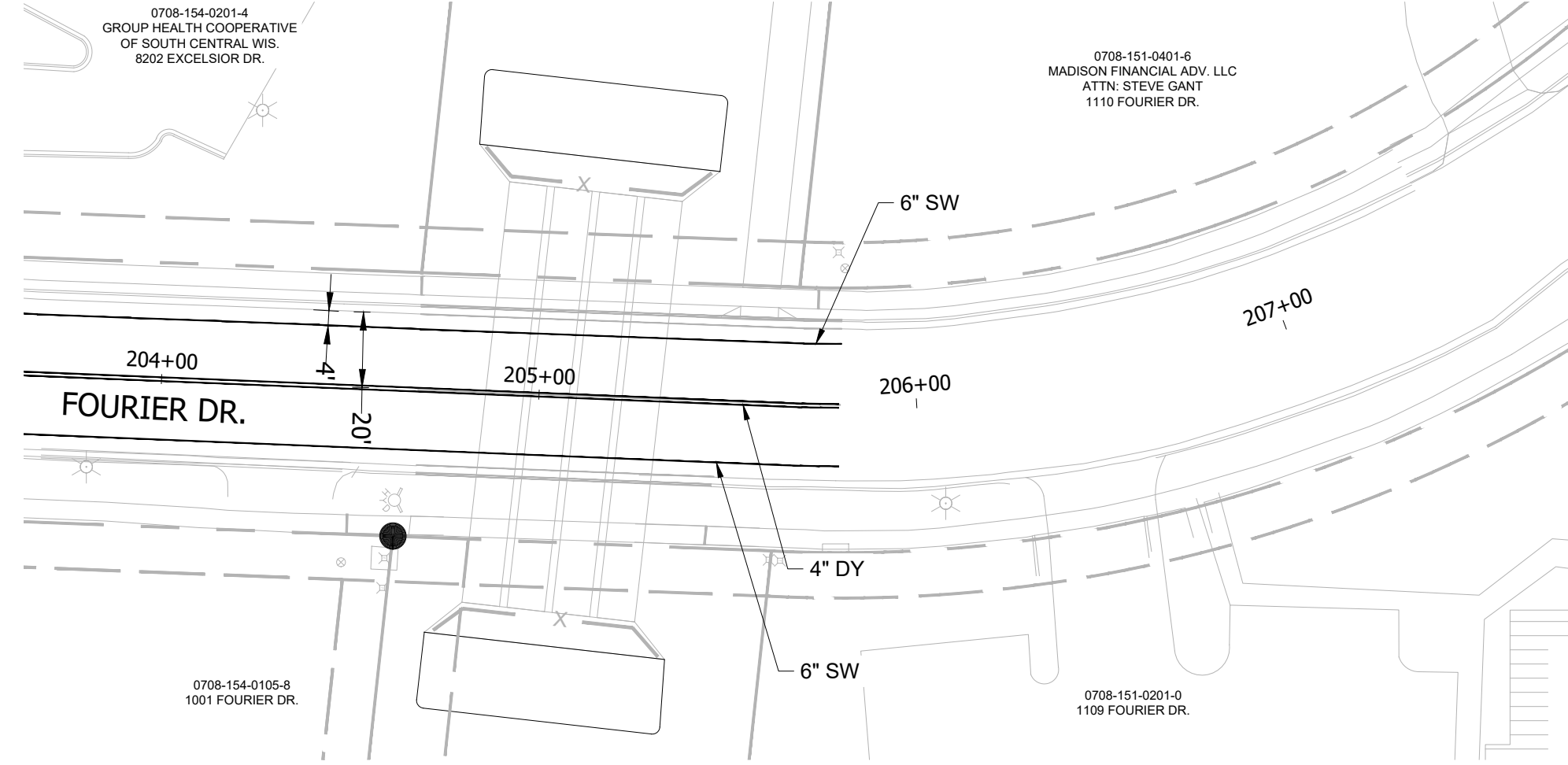
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PROPOSED CONCRETE CURB AND GUTTER

**PAVEMENT MARKINGS**

X" = LINE WIDTH  
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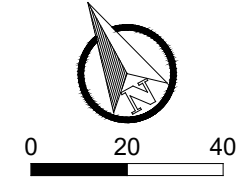
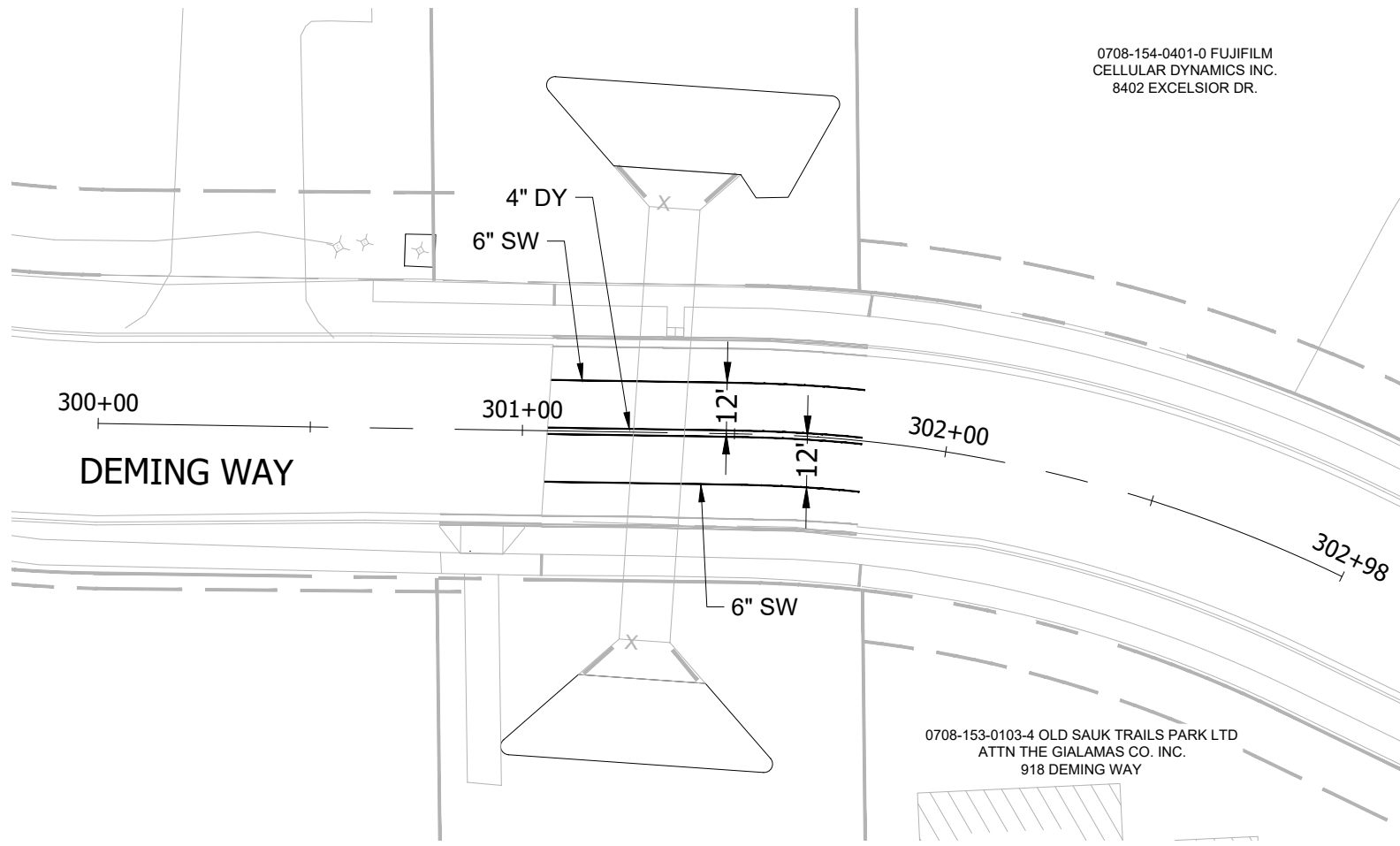


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14370  
 MADISON, WI  
 9517

CONTRACT NO:  
 PAVEMENT MARKING PLANS  
 PHEASANT BRANCH GREENWAY ENHANCEMENT

14370  
 PM2

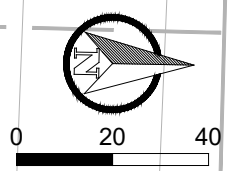
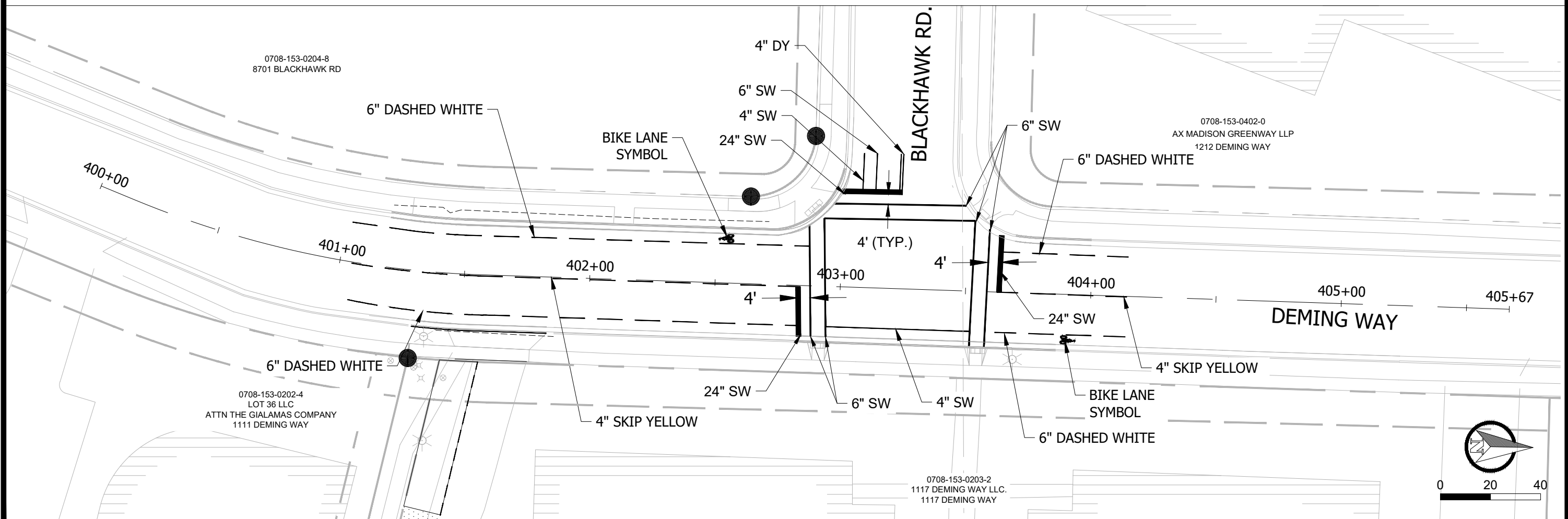


**LEGEND**

PROPOSED CONCRETE CURB AND GUTTER

**PAVEMENT MARKINGS**

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14370		12-40 PM	AS SHOWN
14370			PM3

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

14370  
 PM3

**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)**

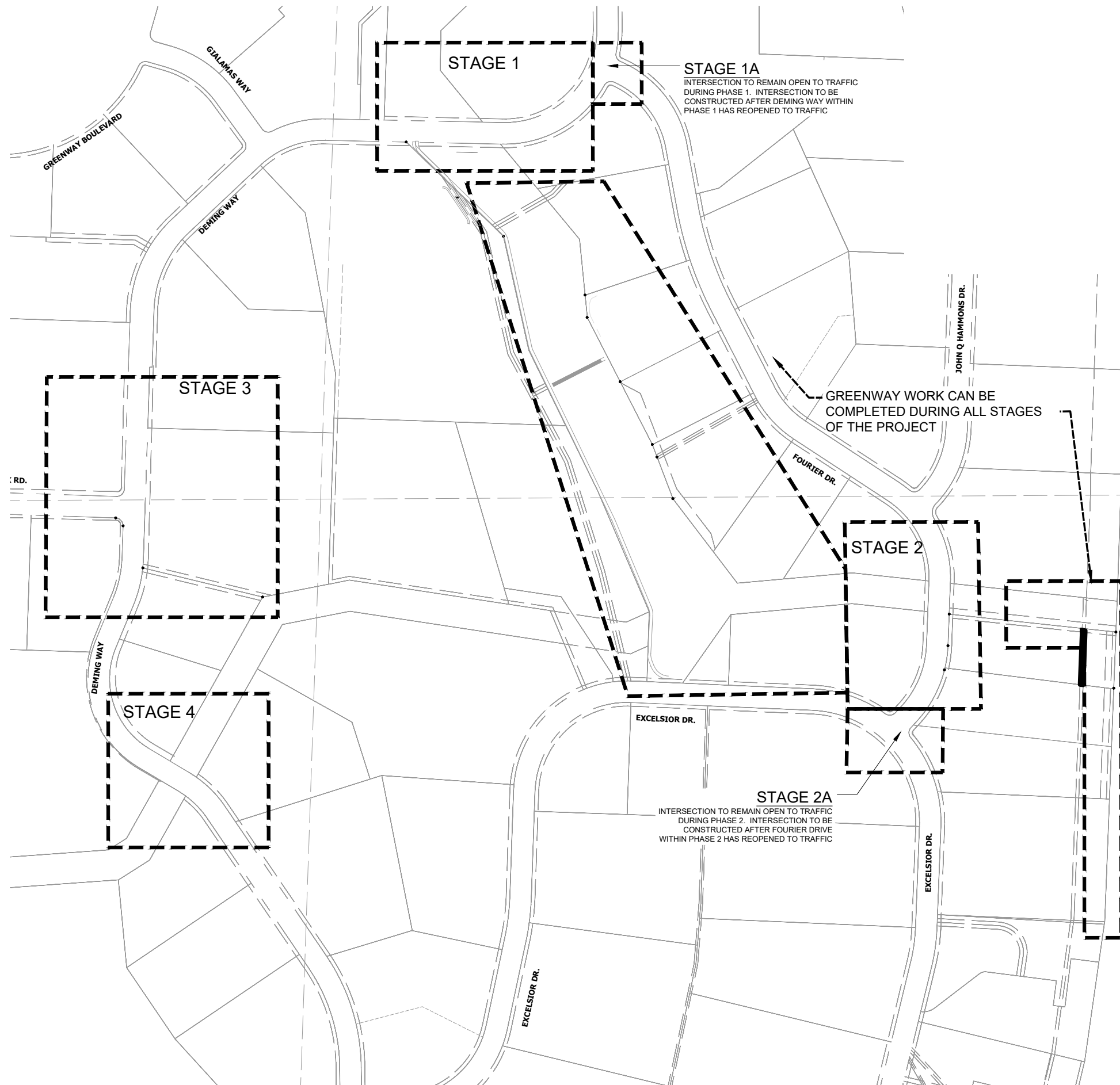
1. COORDINATE WITH SMALL UTILITIES PRIOR TO CONSTRUCTION
2. CONTRACTOR TO INSTALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES
3. COMPLETE REMOVALS FOR STAGE 2
4. INSTALL BOX CULVERTS PER PLAN.
5. INSTALL STORM SEWER PER PLAN
6. REPLACE STREET AND SIDEWALKS PRIOR TO CLOSING ANY OTHER AREAS OF THE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

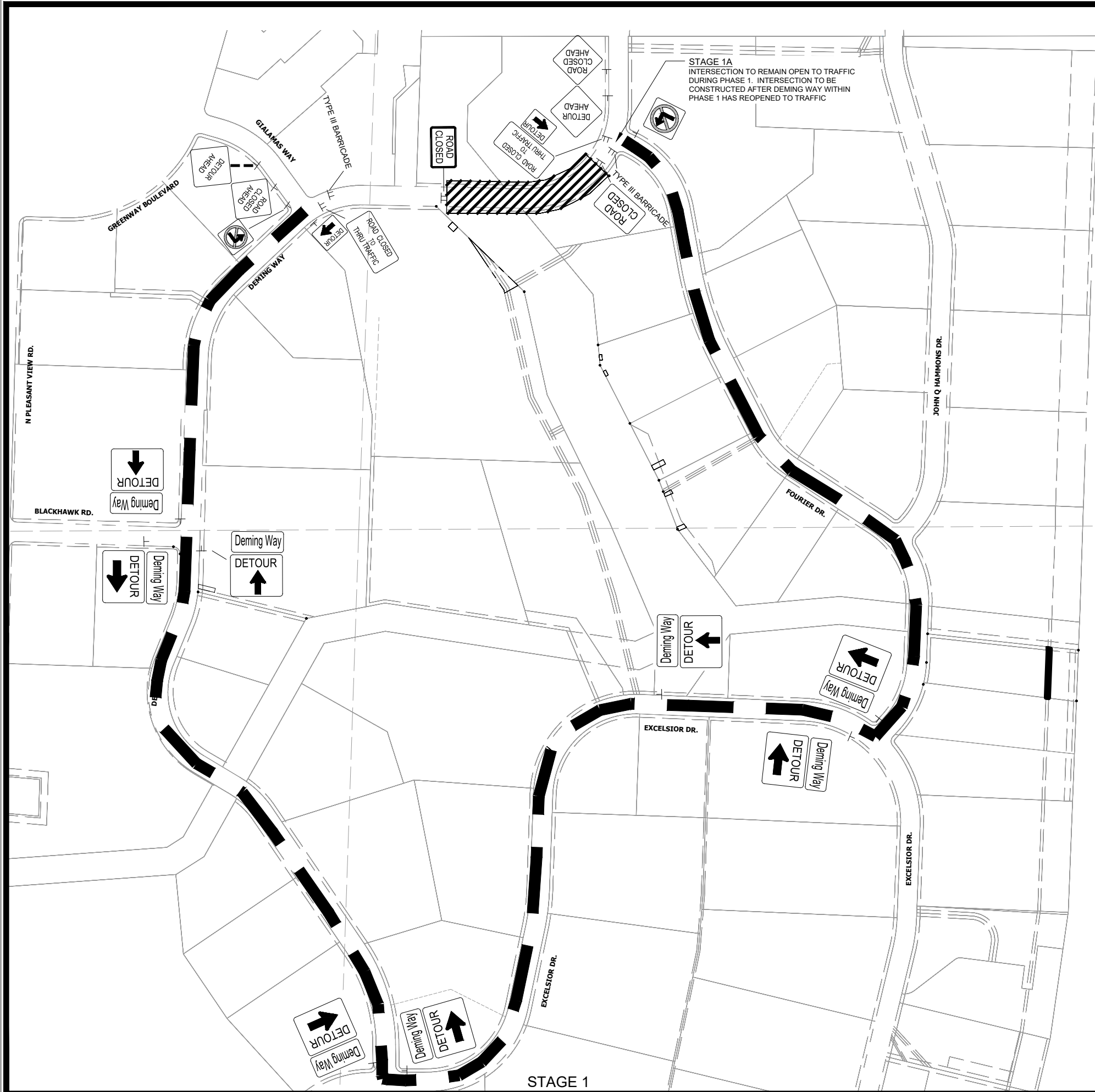


STAGING PLAN  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO: 9517

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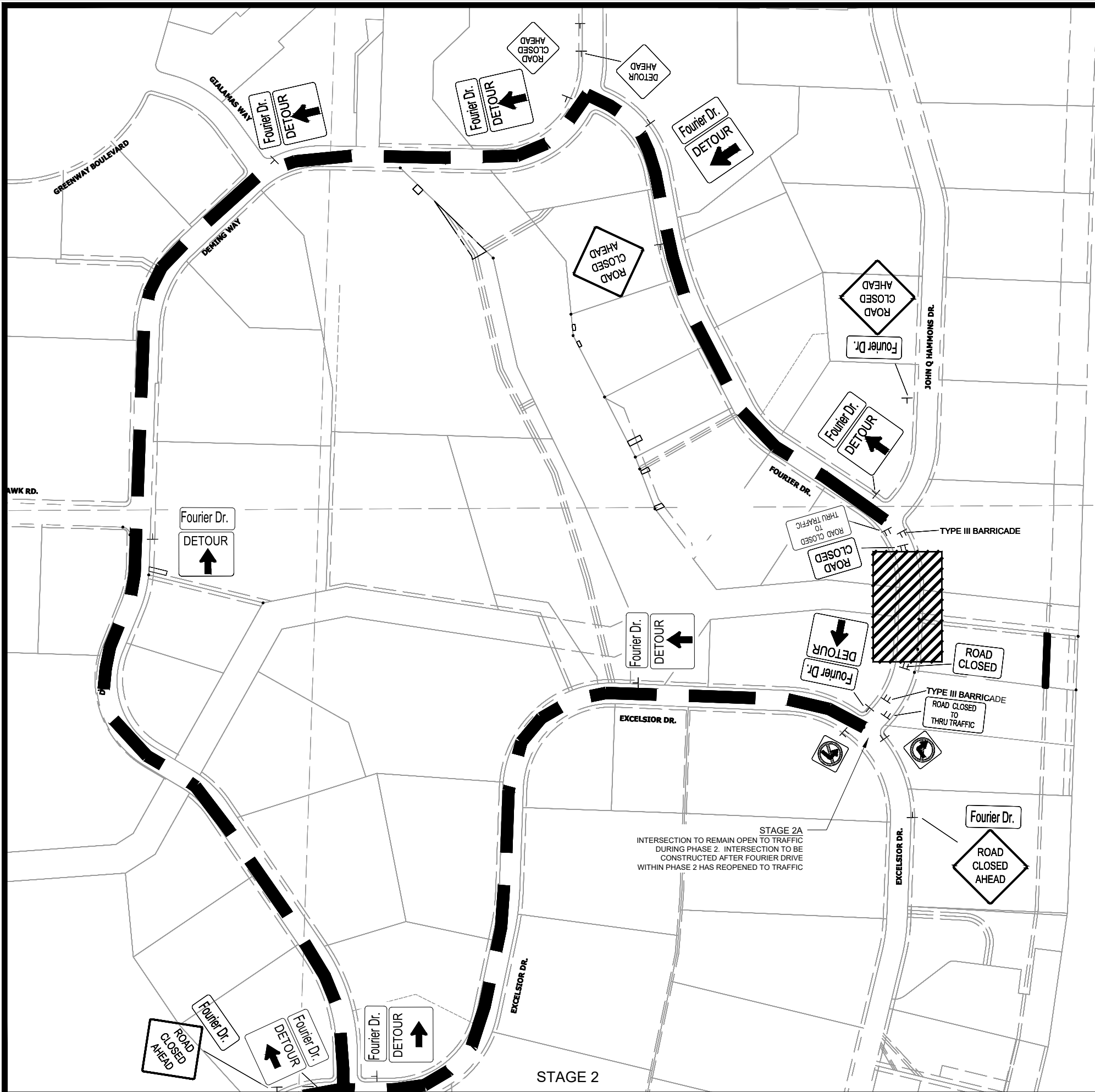


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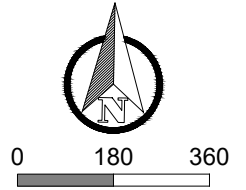
**LEGEND**

		DETOUR ROUTE
		PROJECT AREA



**LEGEND**

- DETOUR ROUTE
- PROJECT AREA

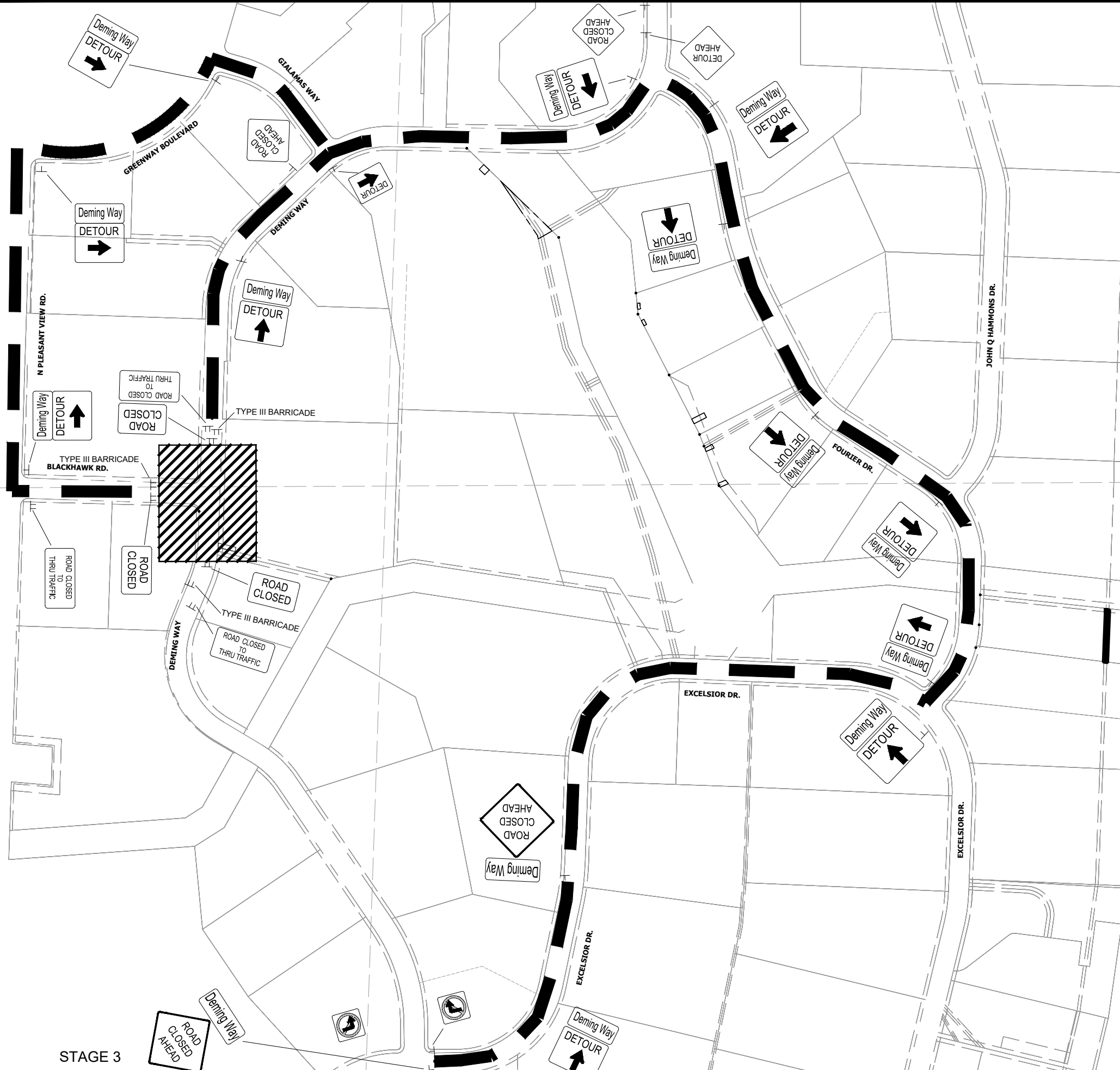


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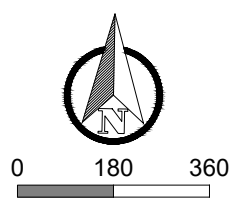
STAGING PLAN 14370  
 PHEASANT BRANCH GREENWAY ENHANCEMENT MADISON, WI  
 CONTRACT NO: 9517



14370  
 TC3



STAGE 3



**LEGEND**

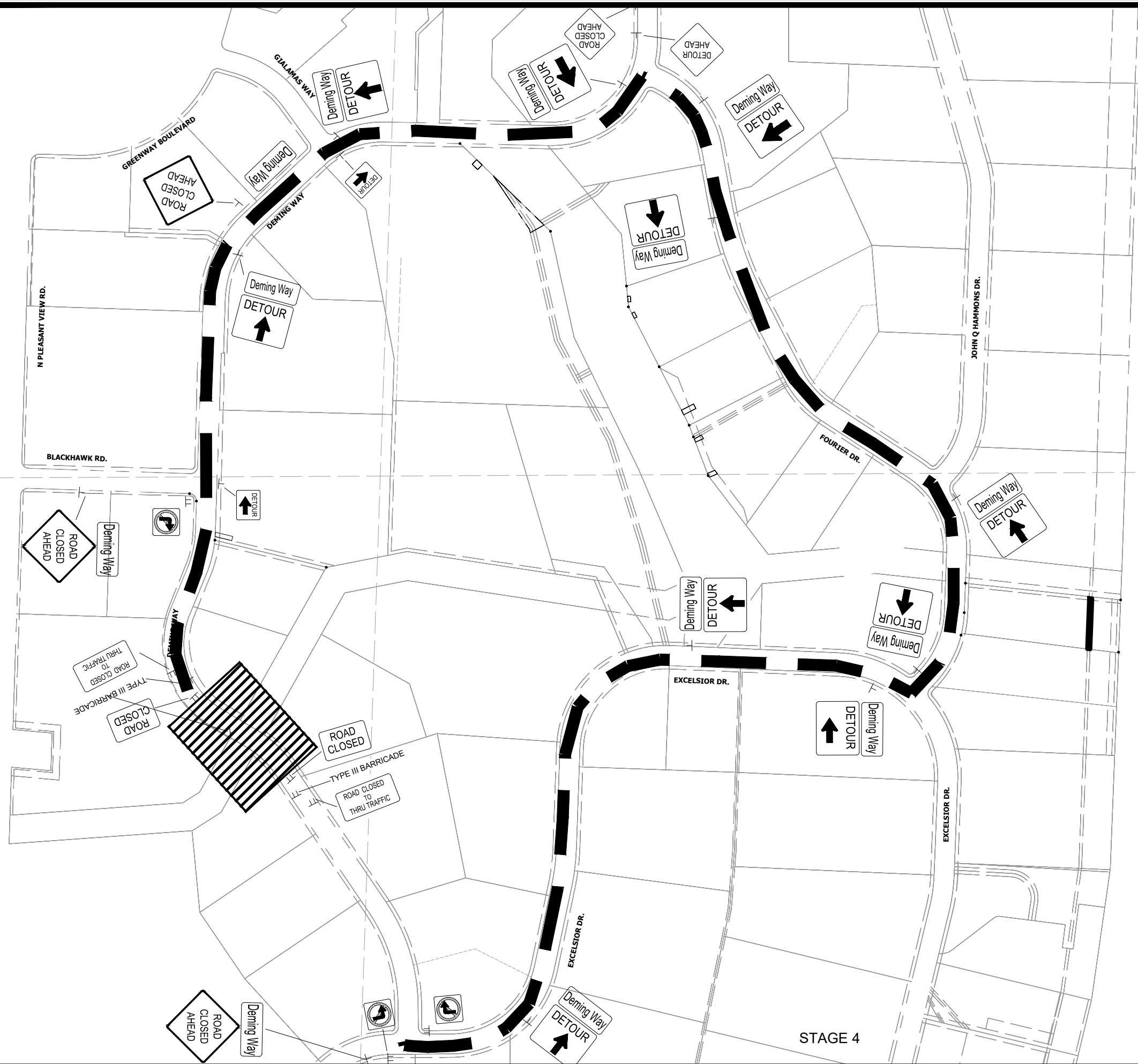
- DETOUR ROUTE**
- PROJECT AREA**

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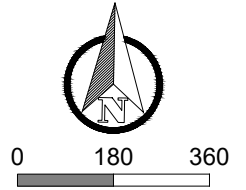


14370  
 TC4



**LEGEND**

- DETOUR ROUTE
- PROJECT AREA



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			TC5

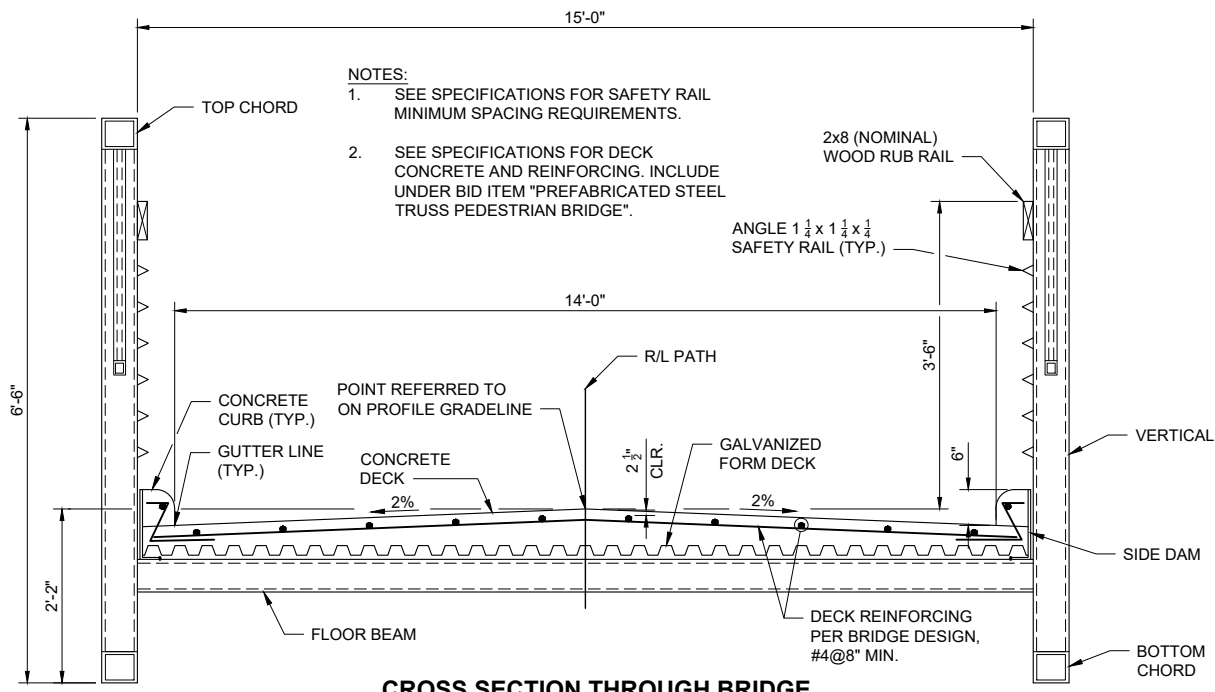
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 PHEASANT BRANCH GREENWAY ENHANCEMENT MADISON, WI  
 CONTRACT NO: 9517



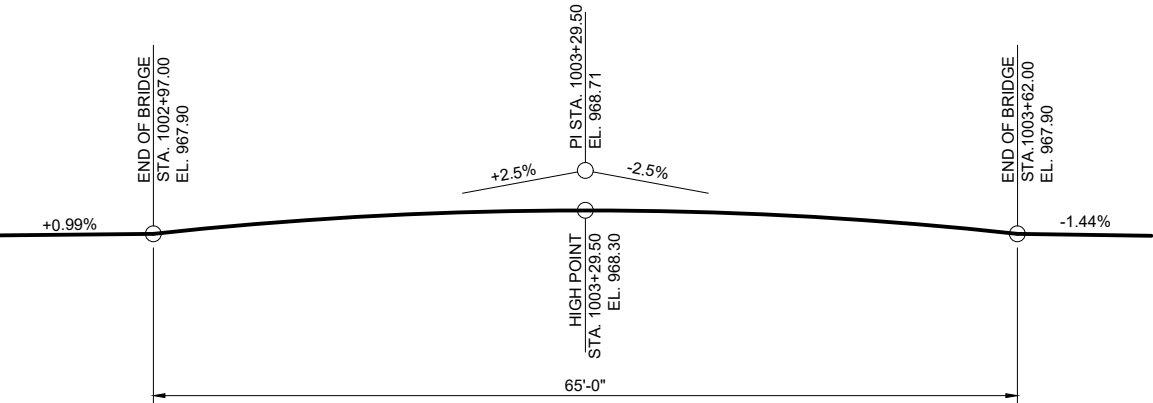
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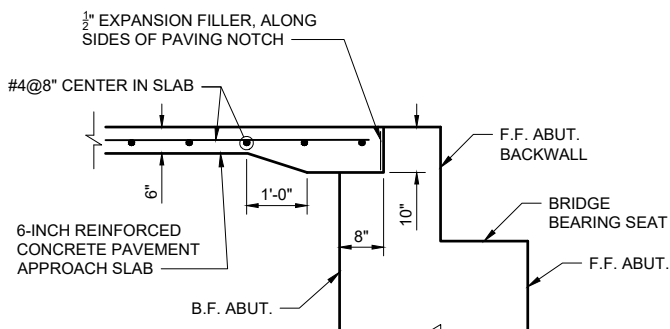




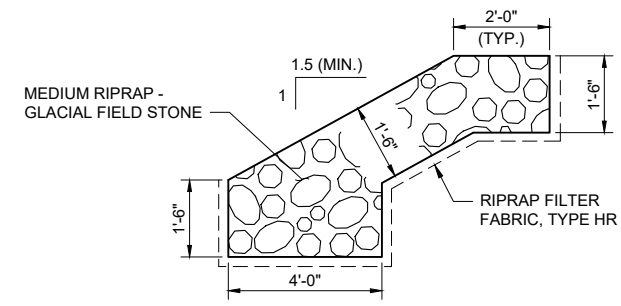
**CROSS SECTION THROUGH BRIDGE**



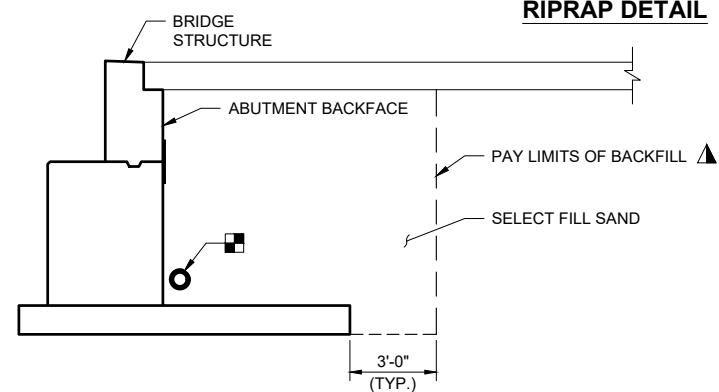
**PROFILE GRADE LINE**



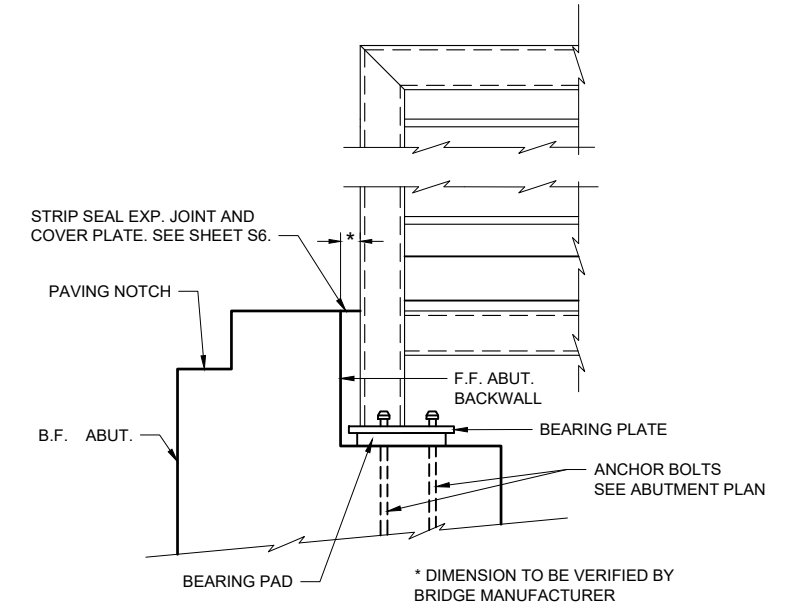
**6-INCH CONCRETE SIDEWALK APPROACH**



**RIPRAP DETAIL**



**TYPICAL SECTION THRU ABUTMENT**



**END OF BRIDGE AND BEARING DETAILS**

**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 AWPAC 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 3/8" 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 CL 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.

**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	5500
90106	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1270
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
20247	--	MEDIUM RIPRAP - GLACIAL FIELD STONE	TON	54
20256	--	RIPRAP FILTER FABRIC, TYPE HR	SY	101

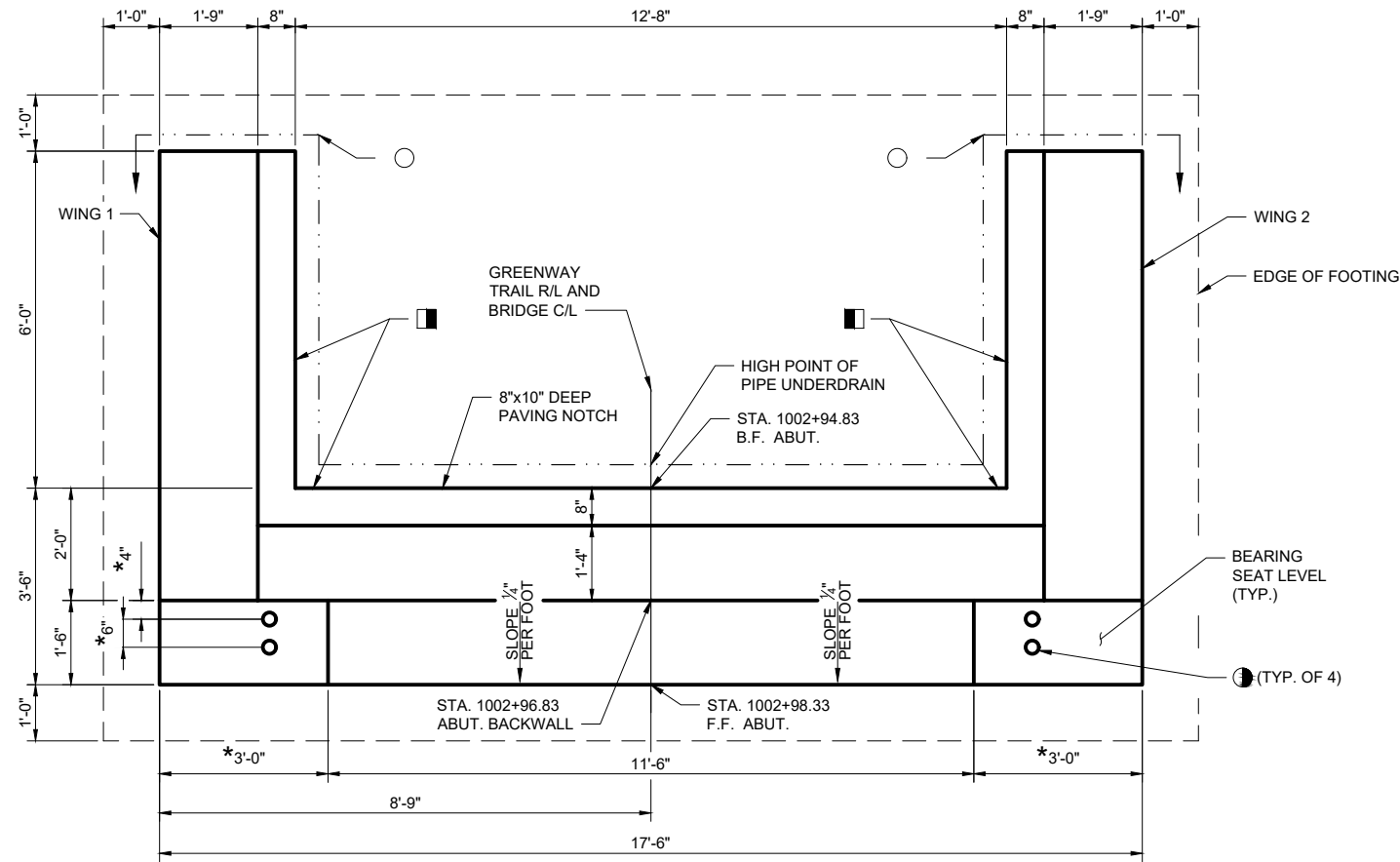
\*REFER TO CITY OF MADISON STANDARD SPECIFICATIONS FOR BID ITEMS STARTING WITH 20####.  
REFER TO SPECIAL PROVISIONS FOR BID ITEMS STARTING WITH 90####.

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REVISION	DATE	BY	SCALE: 1 IN=40 FT

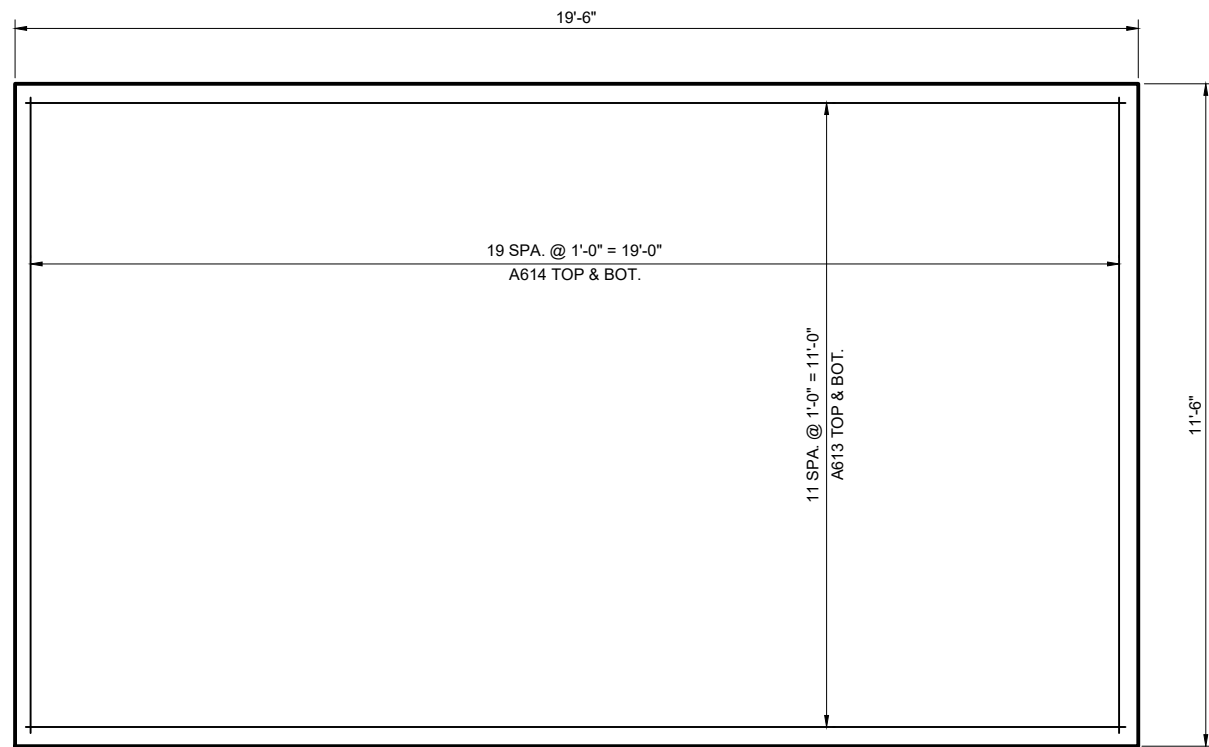
MADISON, WI  
CONTRACT NO.: 9517

CROSS SECTION, NOTES & DETAILS  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
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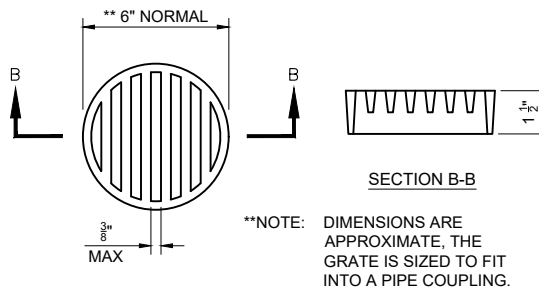




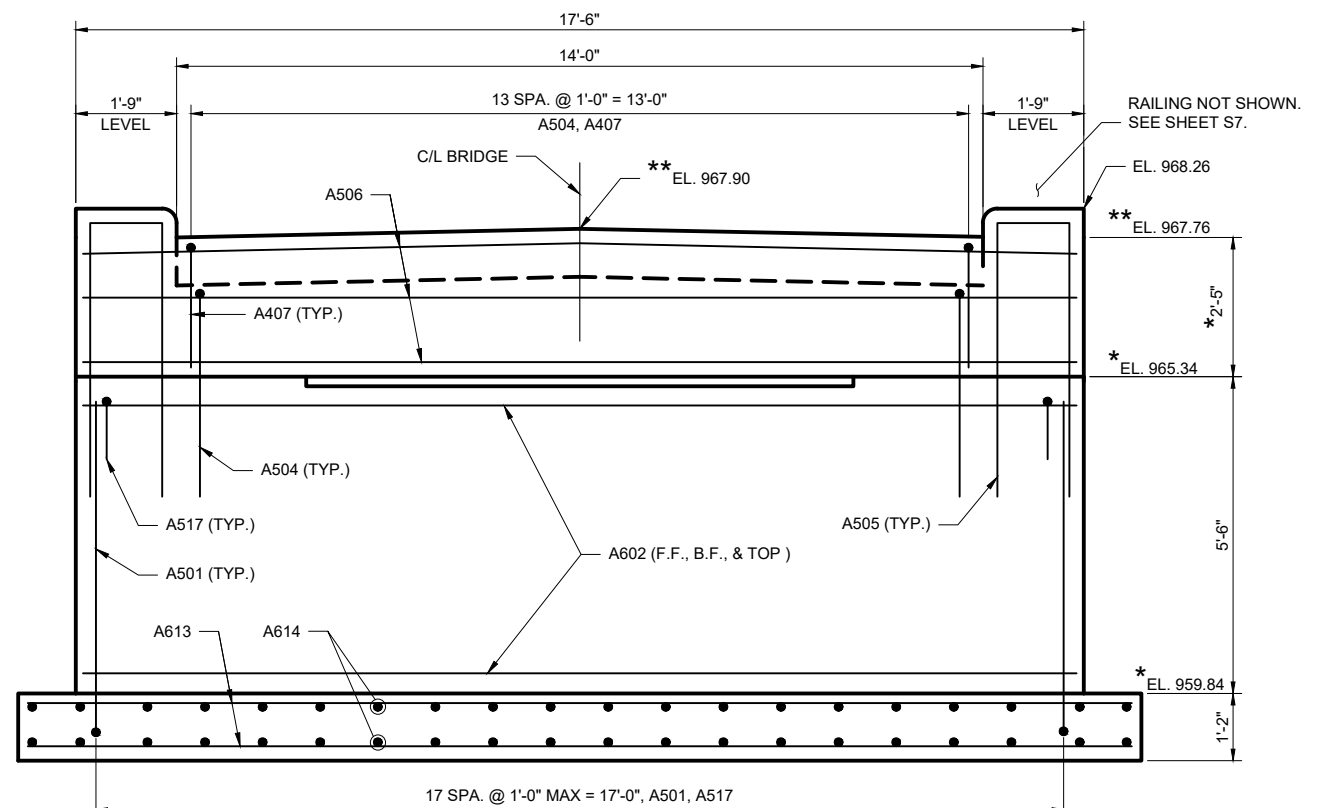
**SOUTH ABUTMENT PLAN**



**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.

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE OUTFALL PIPE. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10X1-INCH STAINLESS STEEL SHEET METAL SCREWS. ORIENT SHIELD SO SLOTS ARE VERTICAL.

\*\*NOTE: DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING.

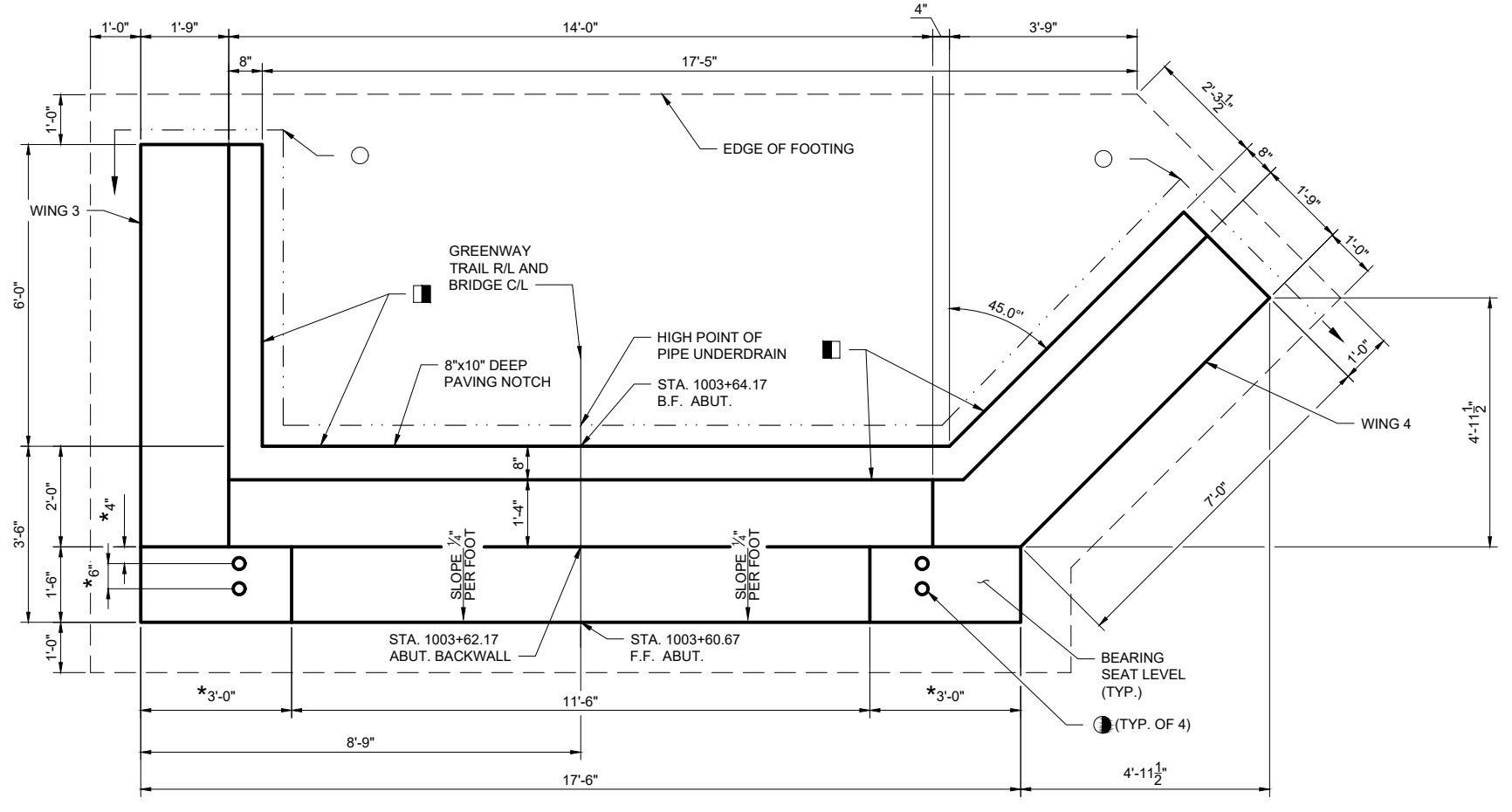
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REVISION	DATE	BY	

MADISON, WI  
CONTRACT NO: 9517

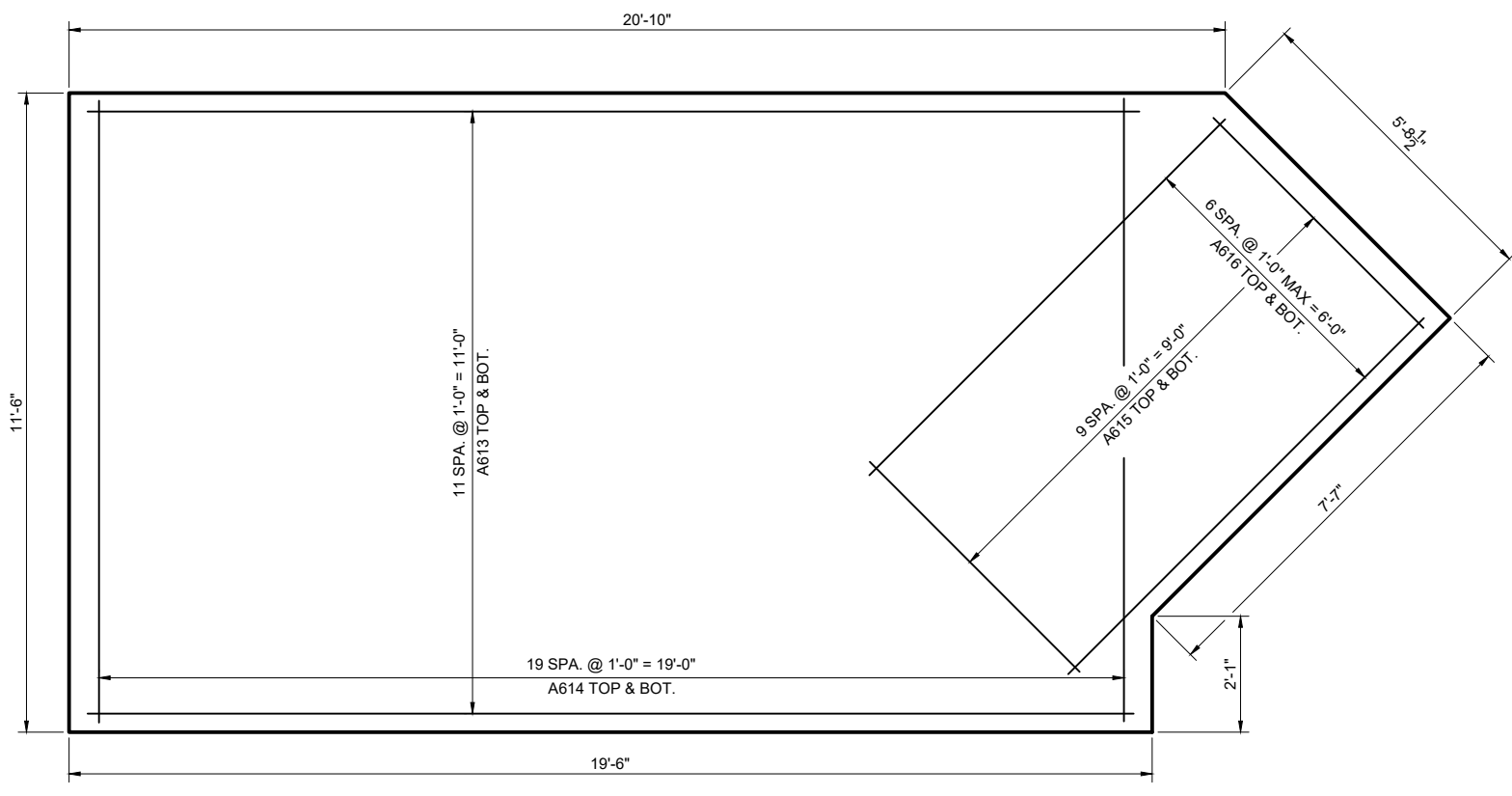
SOUTH ABUTMENT PLAN  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
MAD10201341Drawings\CAD\Pheasant Branch Greenway Ped. Bridge\Sheets\border.dwg



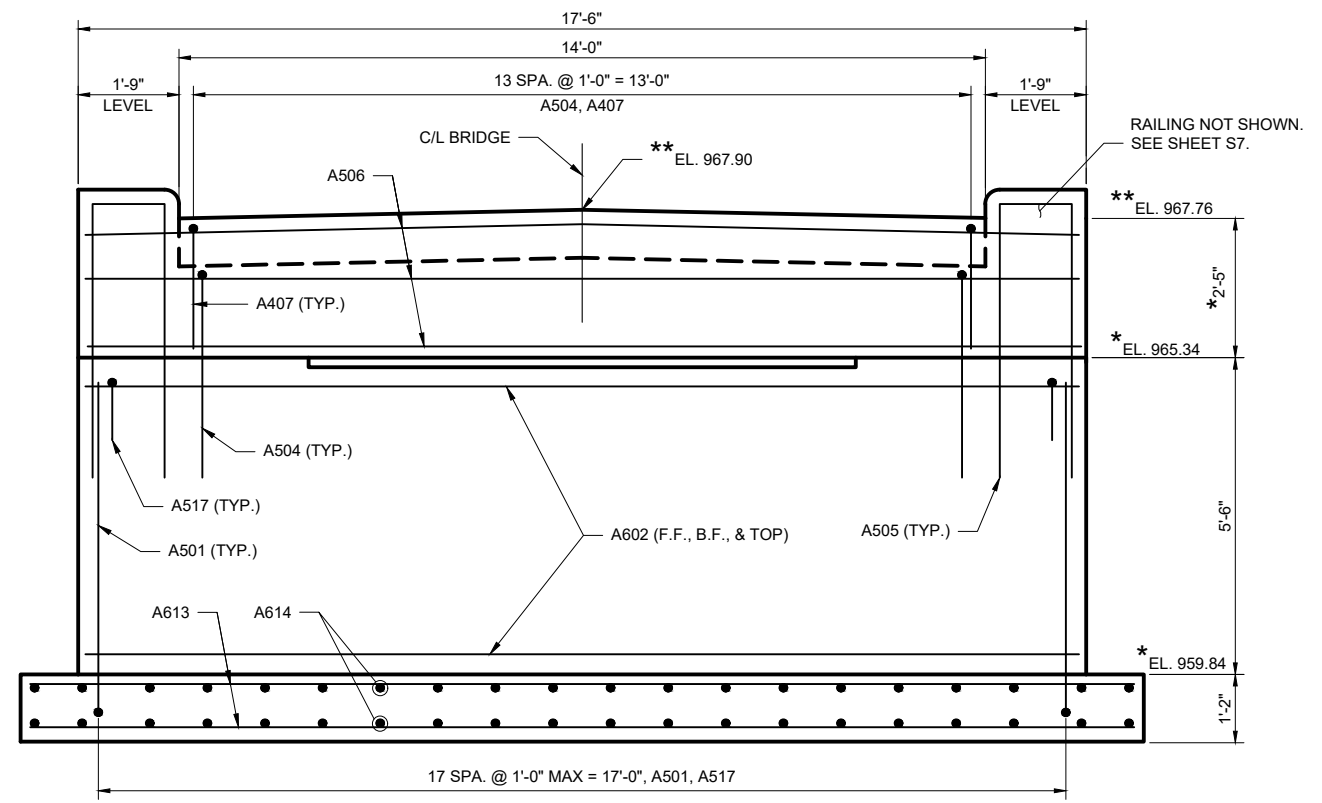
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S3



**NORTH ABUTMENT PLAN**



**NORTH ABUTMENT FOUNDATION PLAN**



**NORTH ABUTMENT ELEVATION**

**GENERAL NOTES**

SEE SHEET S5 FOR REINFORCING DETAILS.

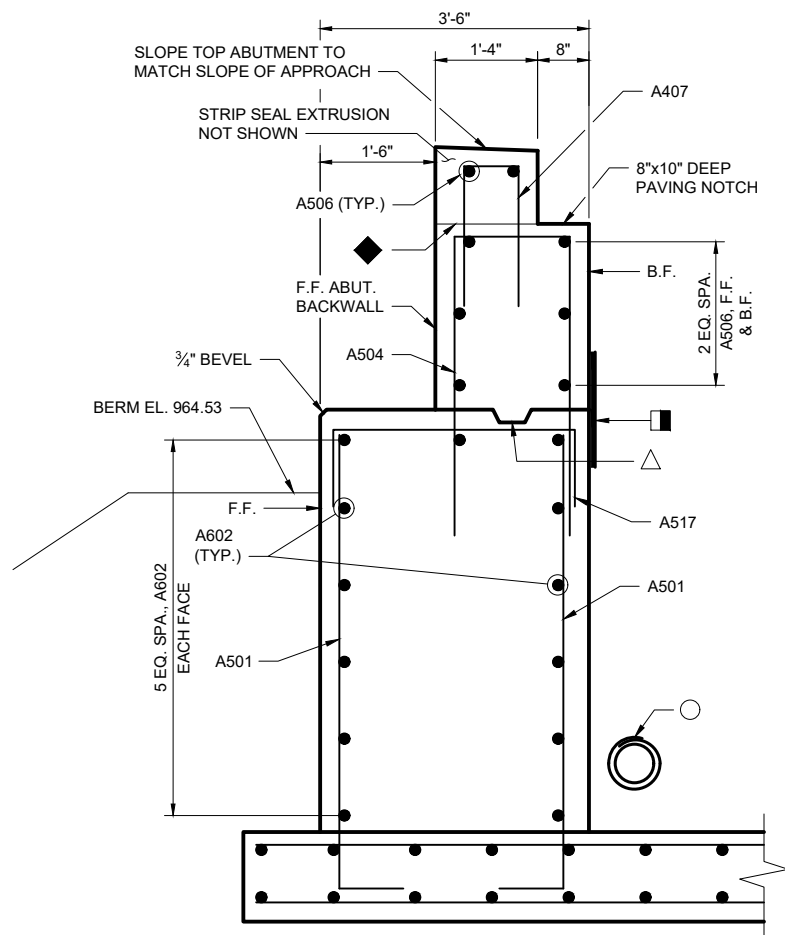
**LEGEND**

- \* 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.

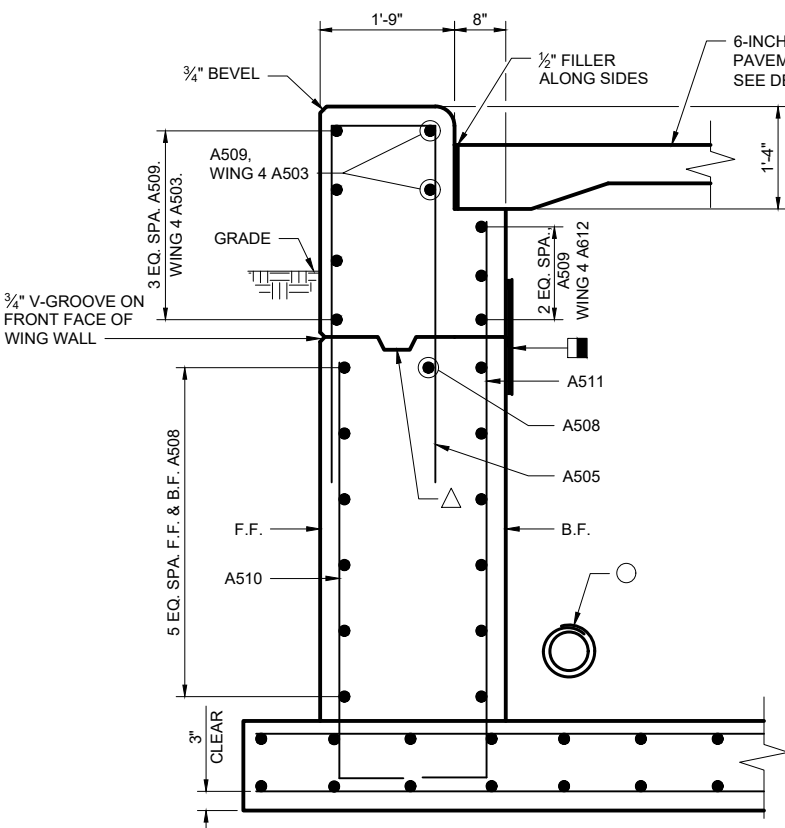
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			10/9/2024 10:16 AM	
				Scale: 1 IN=40 FT

**NORTH ABUTMENT PLAN**  
**PHEASANT BRANCH GREENWAY ENHANCEMENT**  
 MADISON, WI  
 CONTRACT NO: 9517  
 MAD10201\34\Drawings\CAD\Pheasant Branch Greenway Ped. Bridge\Sheets\X-border.dwg

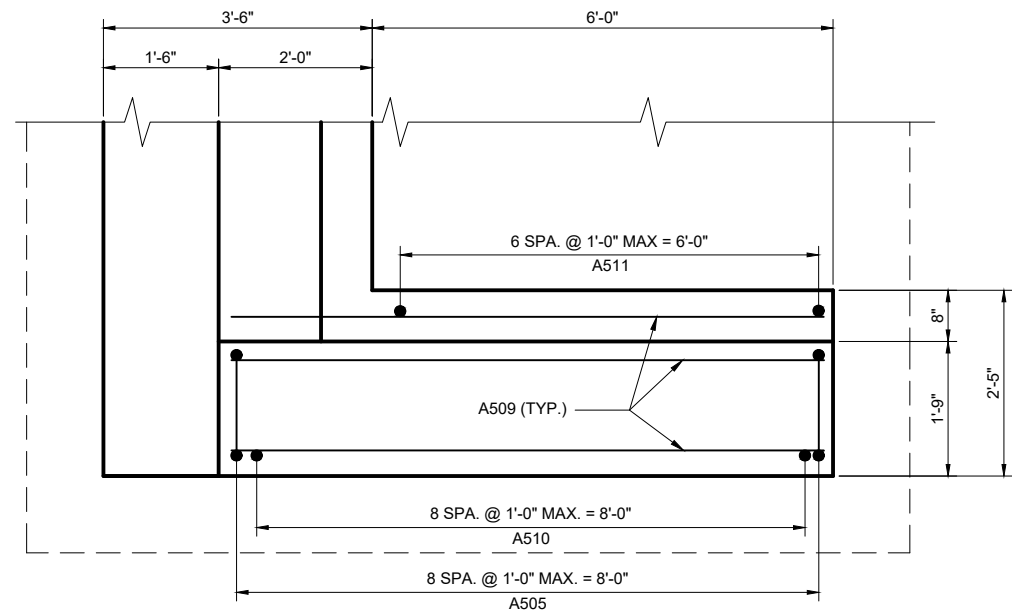




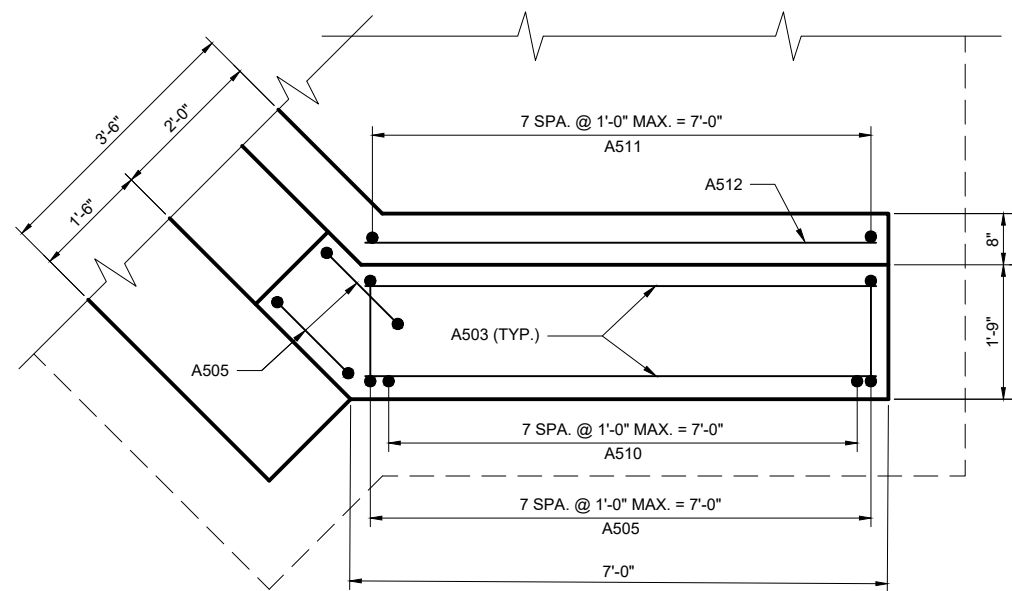
**TYPICAL ABUTMENT SECTION**



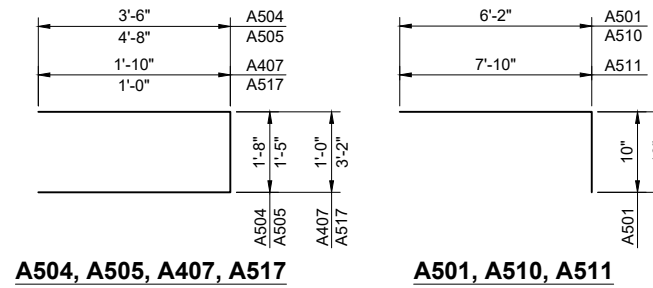
**TYPICAL WING SECTION**



**WING 1,2,3 REINFORCING PLAN**



**WING 4 REINFORCING PLAN**



**A504, A505, A407, A517**

**A501, A510, A511**

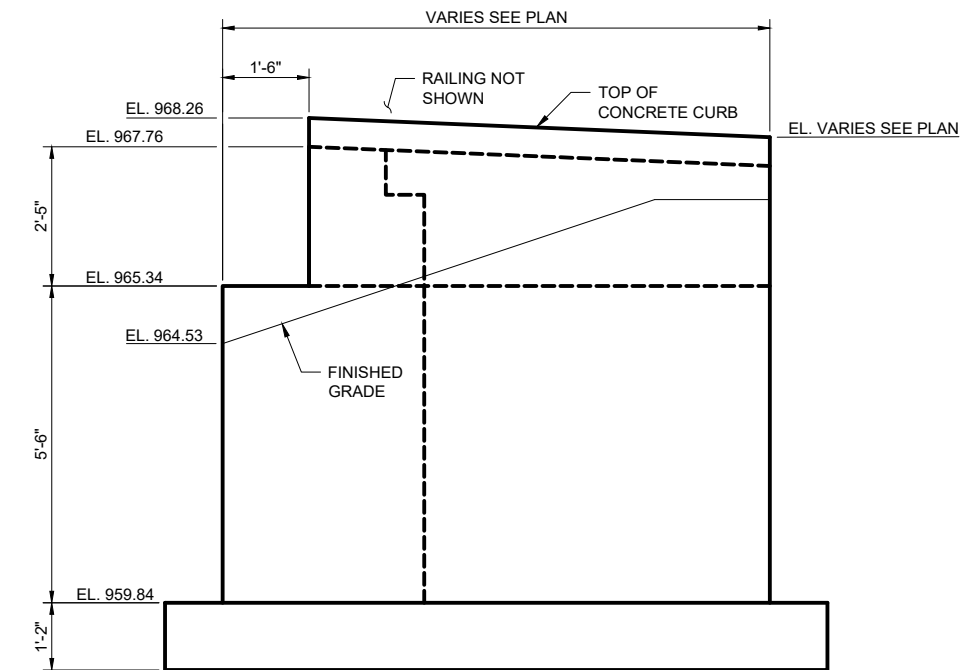
**ABUTMENT BILL OF BARS**

**COATED: 1,270 LBS  
UNCOATED: 5,500 LBS**

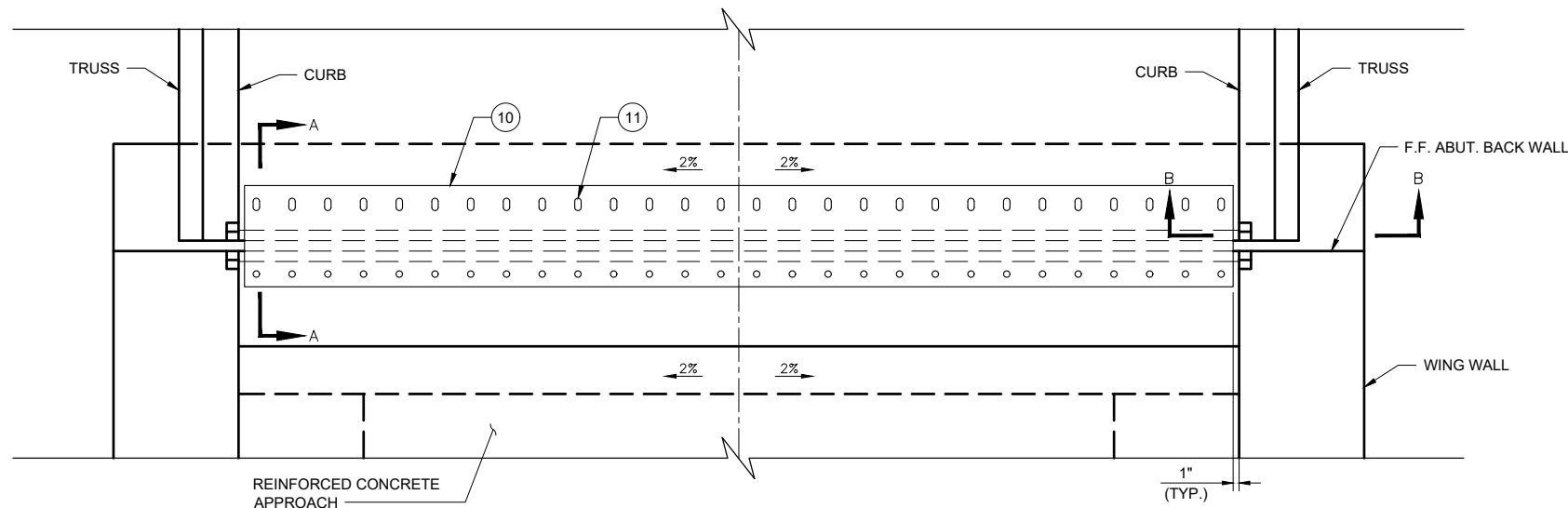
BAR MARK	NO. REQ'D S. ABUT	NO. REQ'D N. ABUT	LENGTH	BENT	COAT	LOCATION
A501	36	36	6'-11"	X		LOWER BODY - VERT.
A602	13	13	17'-2"			LOWER BODY - HORIZ
A503	0	6	6'-9"			LOWER WING - HORIZ - WING 4
A504	14	14	8'-5"	X	X	UPPER BODY - VERT.
A505	18	19	10'-6"	X	X	UPPER BODY - VERT. - ENDS
A506	8	8	17'-2"		X	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	8'-7"	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

**LEGEND**

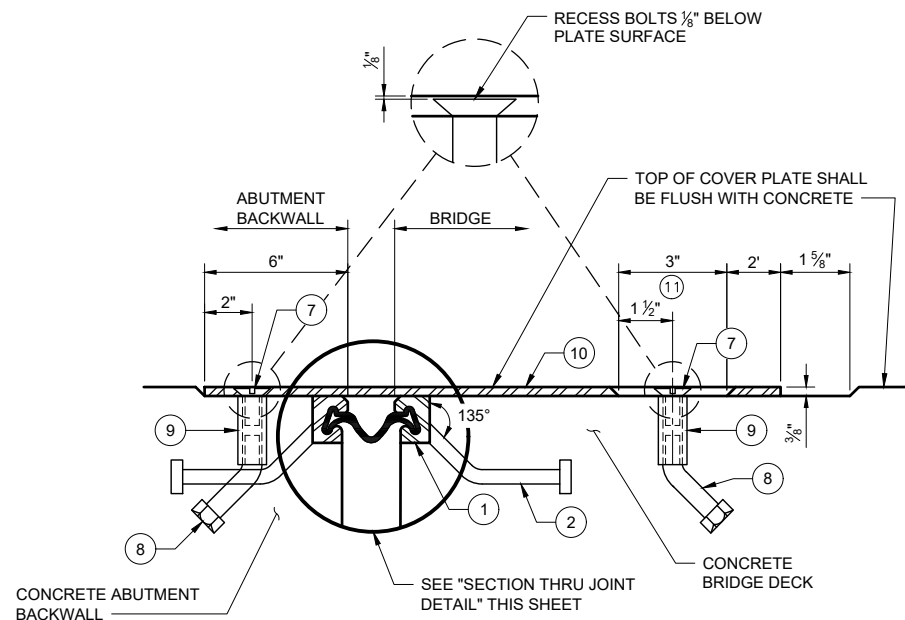
- △ KEYED CONSTRUCTION JOINT FORMED BY A BEVELED 2"x6".
- PIPE UNDERDRAIN 6" WRAPPED. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF UNDERDRAIN. SEE RODENT SHIELD DETAIL ON SHEET S3.
- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
-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



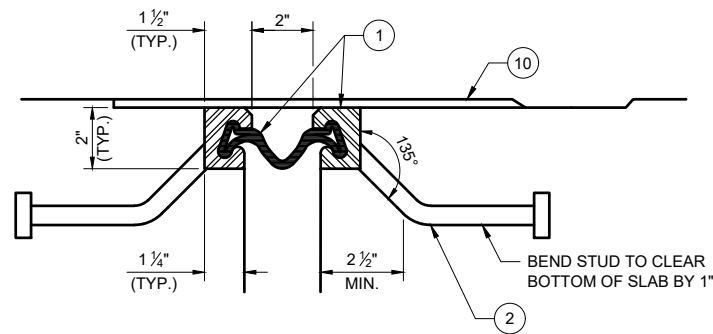
**WING ELEVATION  
(LOOKING AT F.F.)**



**TYPICAL PLAN**



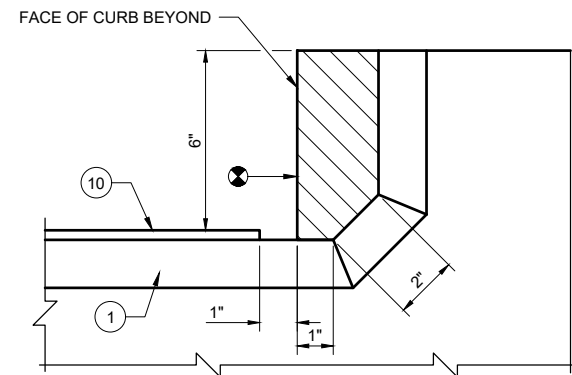
**SECTION A-A THRU JOINT**



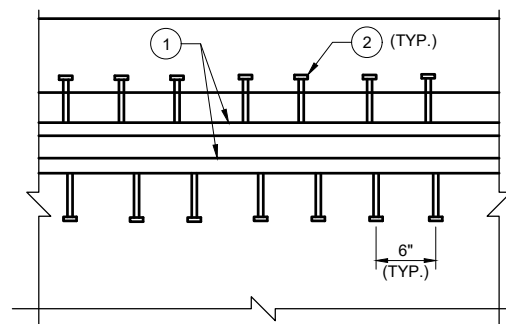
**SECTION THRU JOINT DETAIL**

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

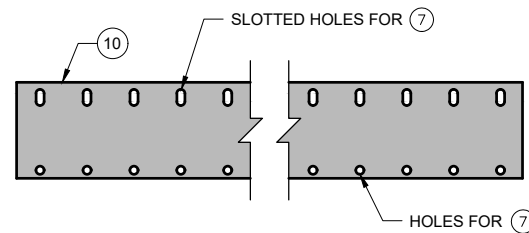
**STRIP SEAL EXPANSION JOINT AND COVER PLATE DETAILS**



**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 5/8" DIA. x 6 3/8" LONG AT 6" CENTERS. WELD TO EXTRUSIONS AND BEND AS SHOWN AFTER WELDING.
- ⑦ 3/4" DIA. x 1 1/2" STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. RECESS 1/8" BELOW PLATE SURFACE.
- ⑧ 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 3/4" DIA. x 2 1/4" GALVANIZED THREADED COUPLING.
- ⑩ GALVANIZED PLATE 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.

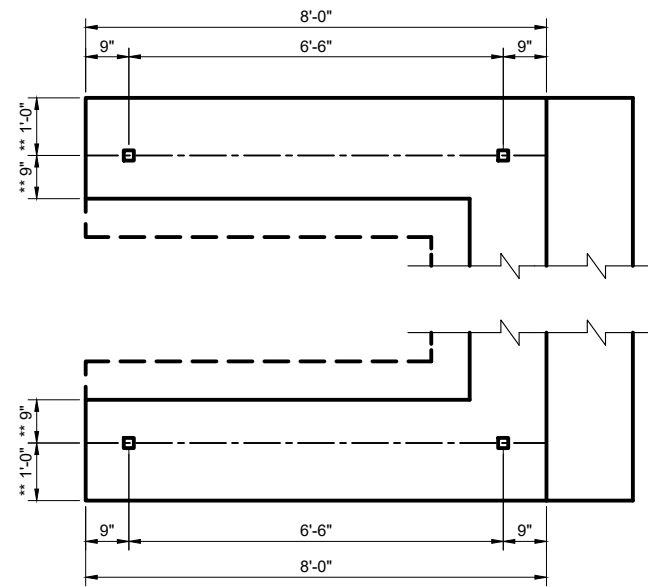
JOINT MANUFACTURER SHALL PROVIDE JOINT DETAILS TO THE STEEL BRIDGE DESIGNER/FABRICATOR.

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REVISION	DATE	BY	

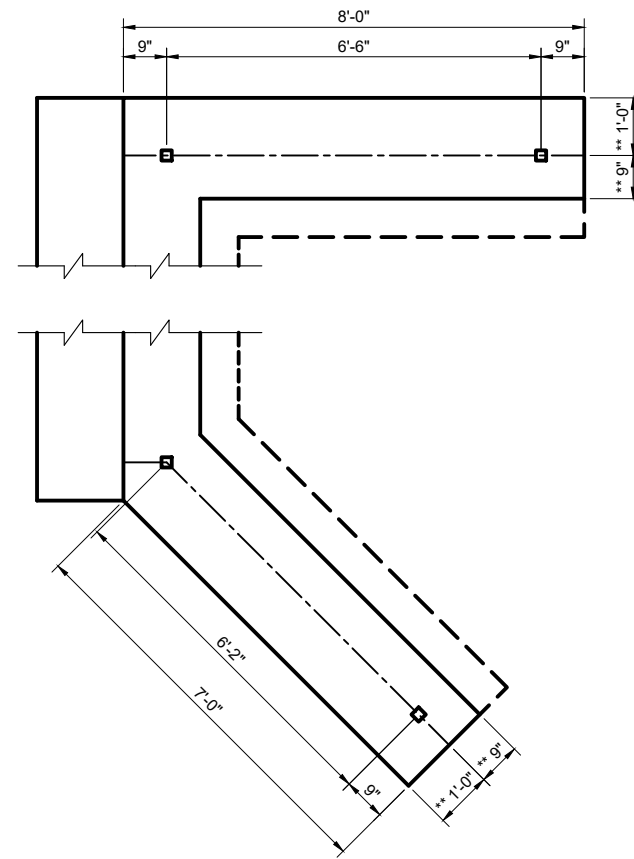
STRUCTURE DETAILS  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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 MADISON, WI  
 CONTRACT NO.: 9517



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 S6

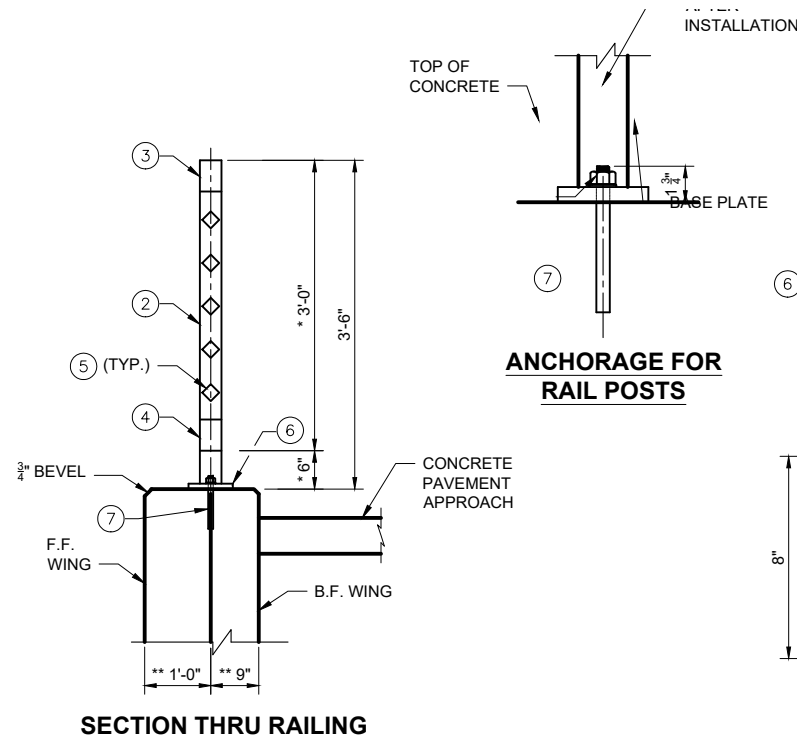


**SOUTH ABUTMENT**

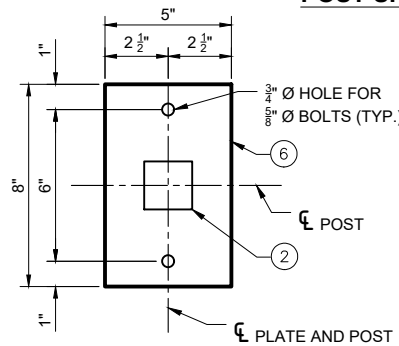


**NORTH ABUTMENT**

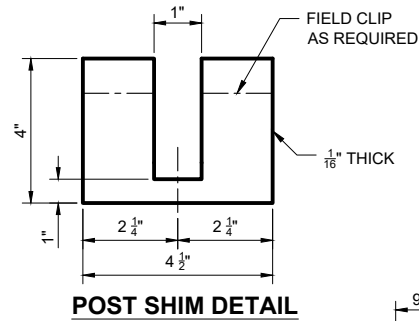
**RAILING POST PLAN**



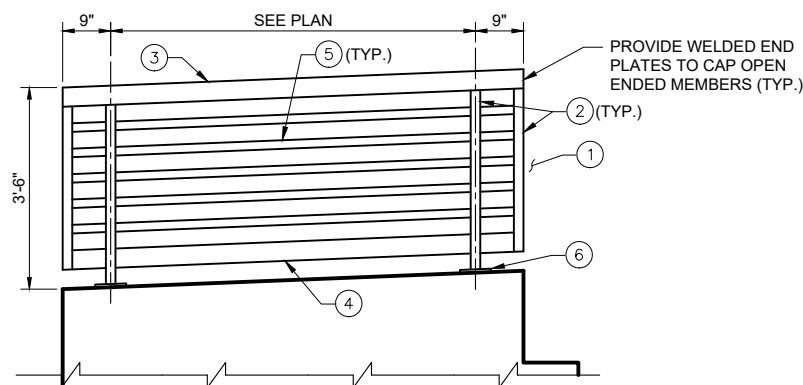
**SECTION THRU RAILING**



**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 4"x2"x 1/4" STEEL TOP RAIL. WELD TO NO. 2.
  - ④ HSS 4"x2"x 1/4" STEEL BOTTOM RAIL. WELD TO NO. 2.
  - ⑤ HSS 1 1/4"x1 1/4"x 3/16" STEEL INTERMEDIATE RAIL. WELD TO NO. 2. SPACE EVENLY AND ALIGN WITH PREFABRICATED BRIDGE INTERMEDIATE RAILS.
  - ⑥ PLATE 3/8"x5"x8" WITH 3/8"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.

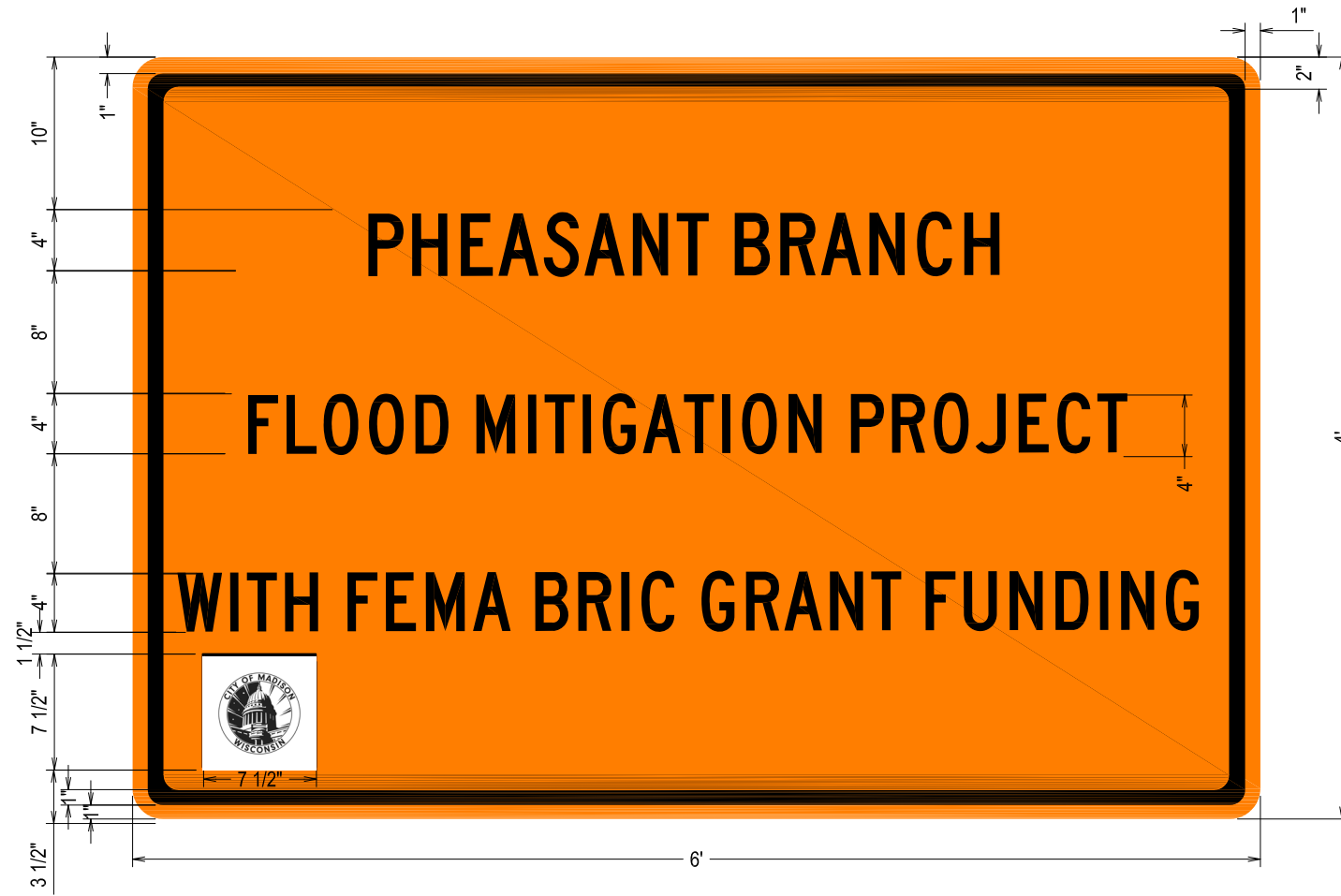
CUT BOTTOM OF POSTS TO MAKE THEM VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

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.

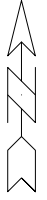
VENT HOLES SHALL BE DRILLED IN POST AND RAIL MEMBERS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE. HOLES SHALL BE DRILLED IN BOTTOM OF RAIL MEMBERS.

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



Notes:

1. COLOR  
 BACKGROUND = ORANGE  
 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



14370

S-8

PHEASANT BRANCH SIGN DETAIL

PHEASANT BRANCH GREENWAY ENHANCEMENT

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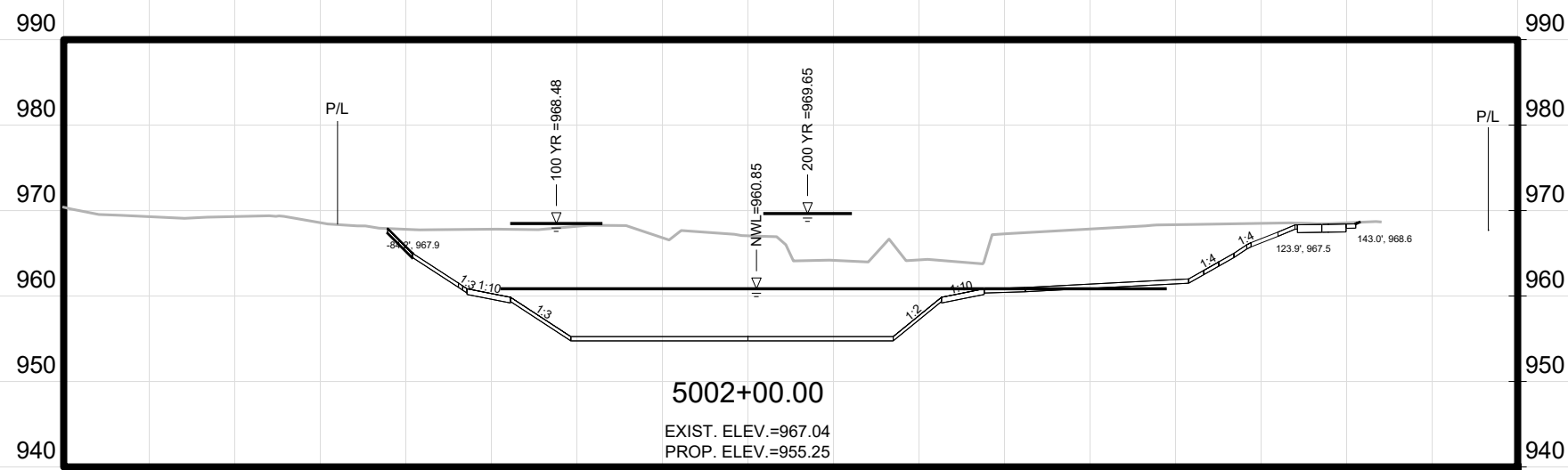
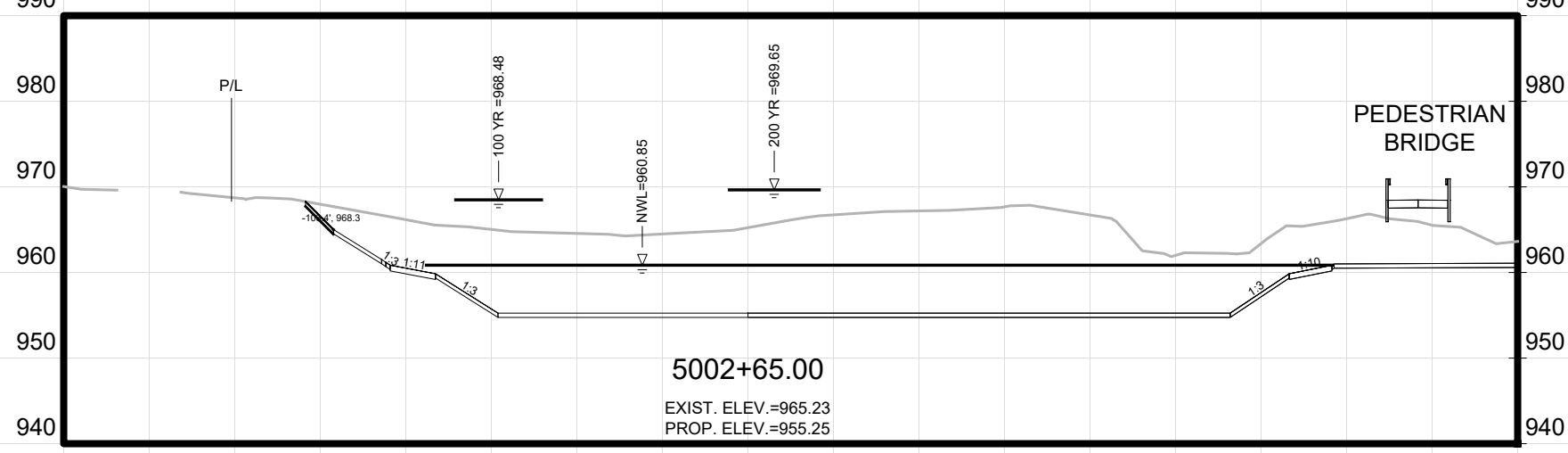
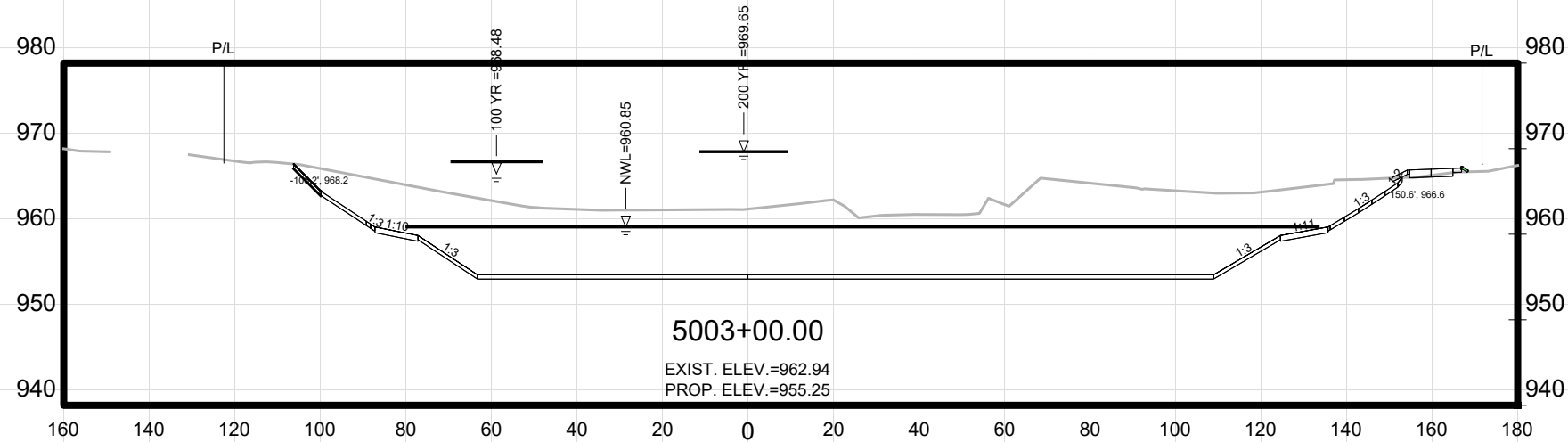
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MADISON, WI

9517

CONTRACT NO:

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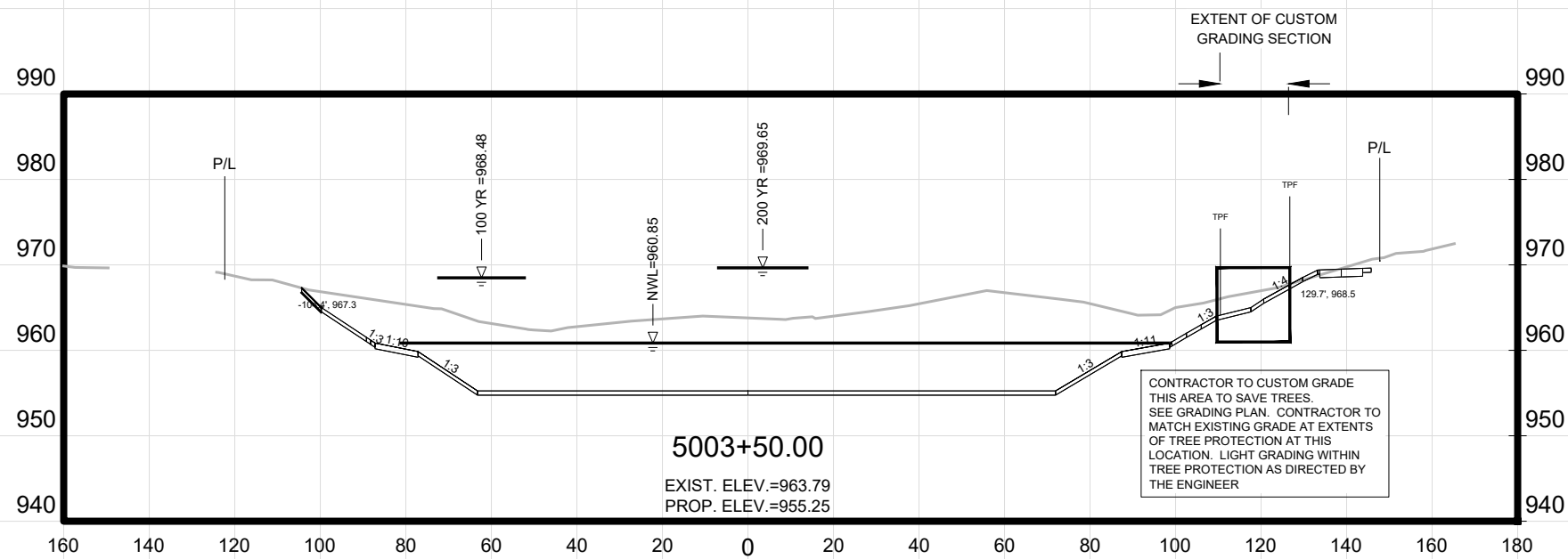
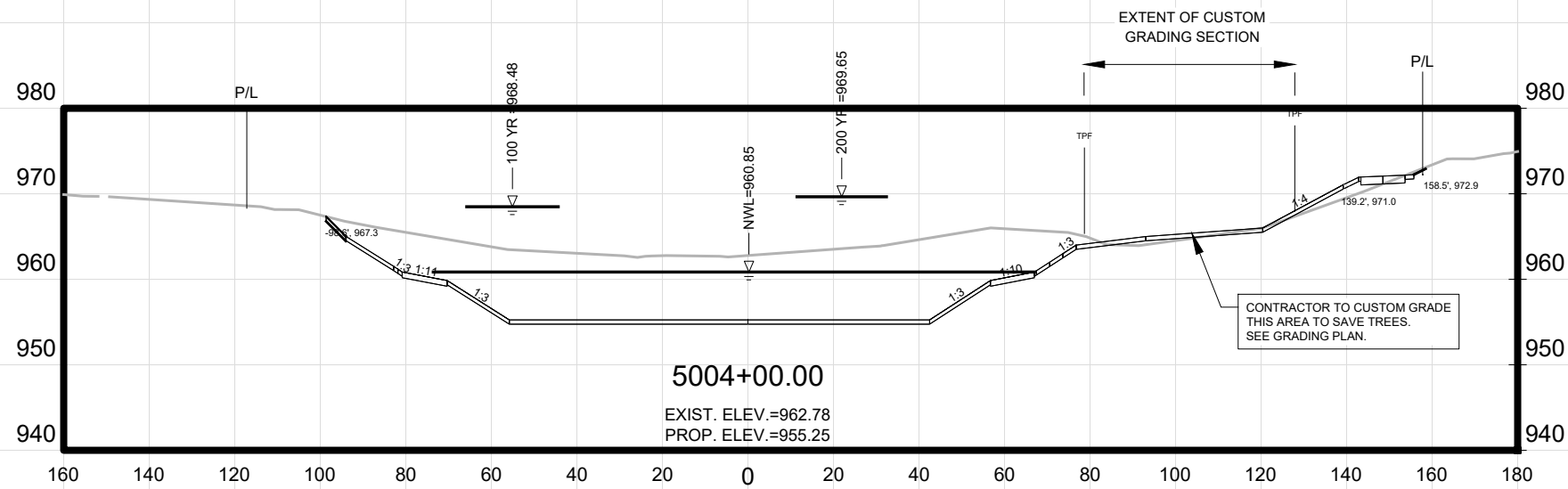
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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



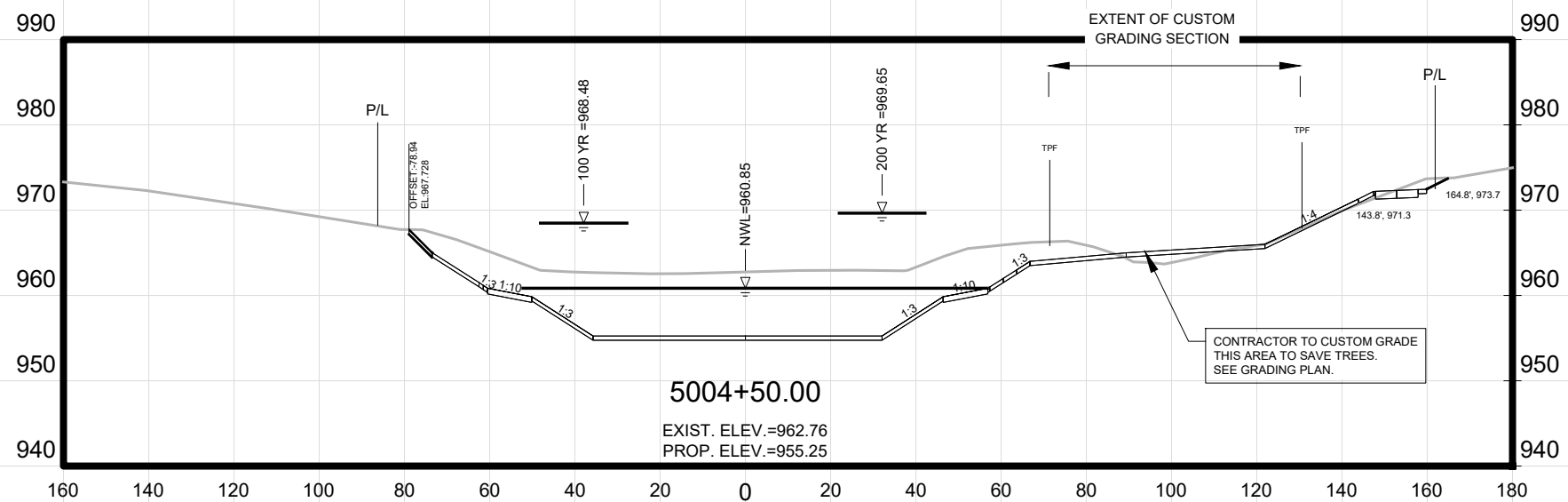
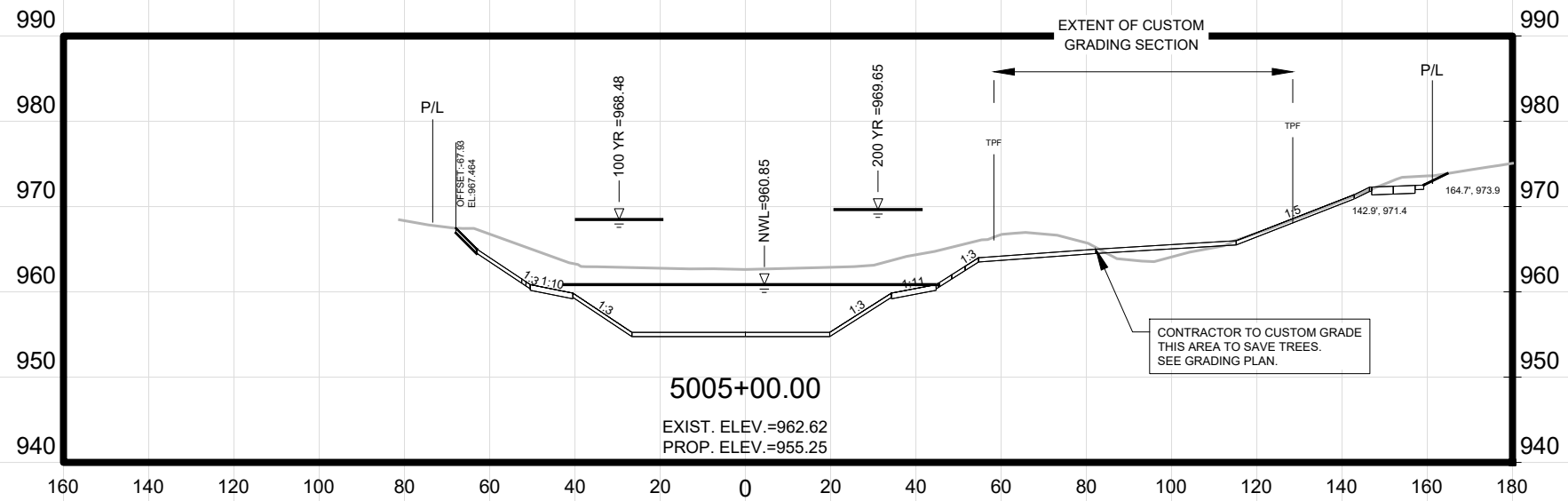
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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO.: 9517  
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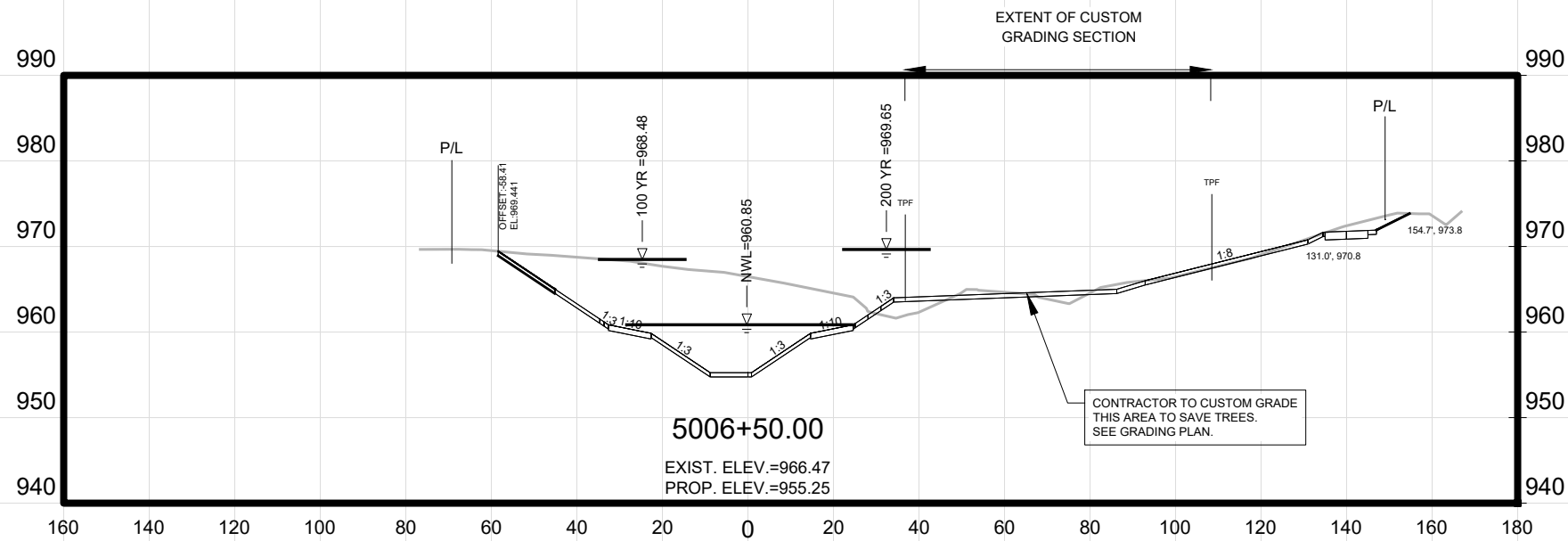
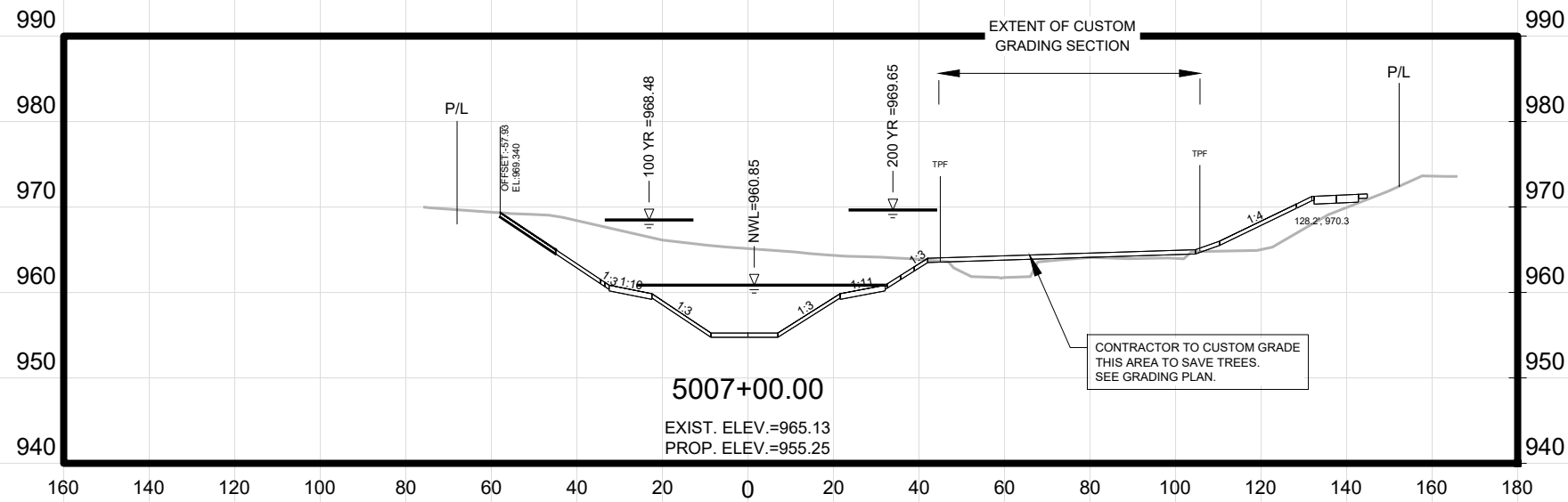
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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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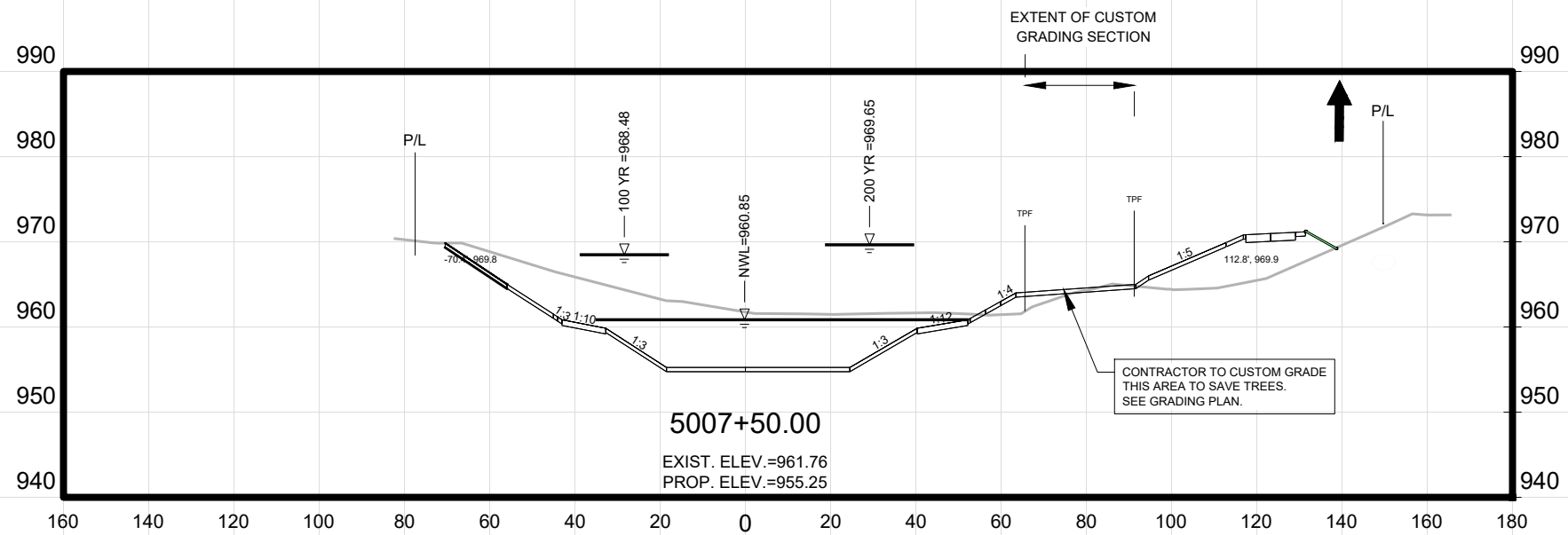
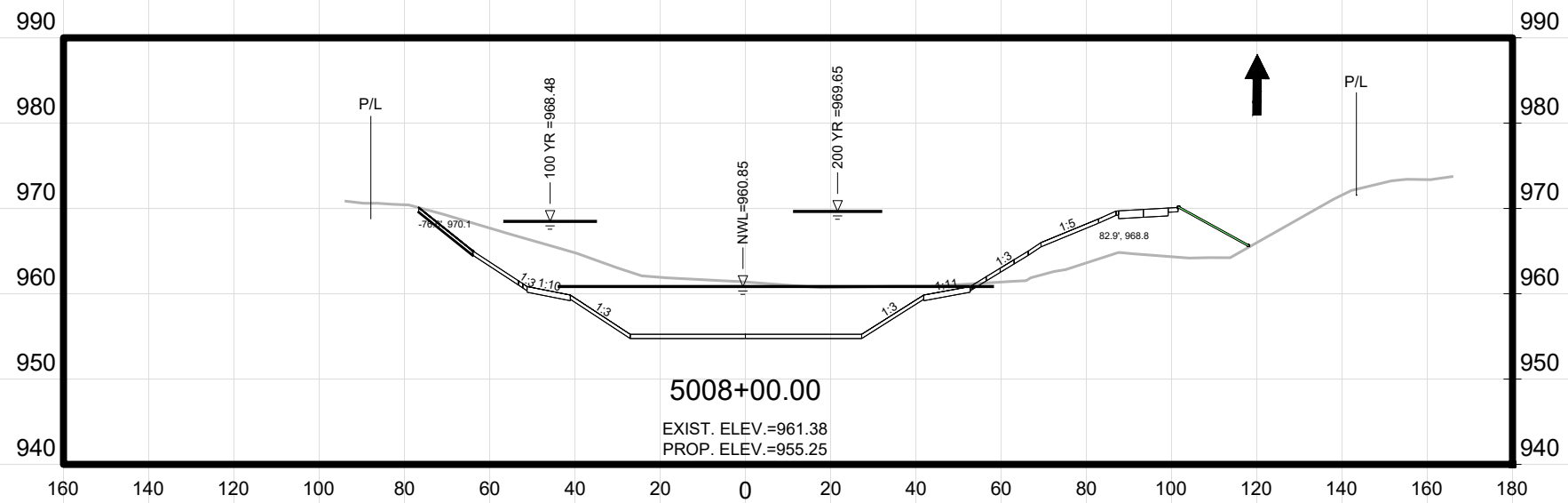
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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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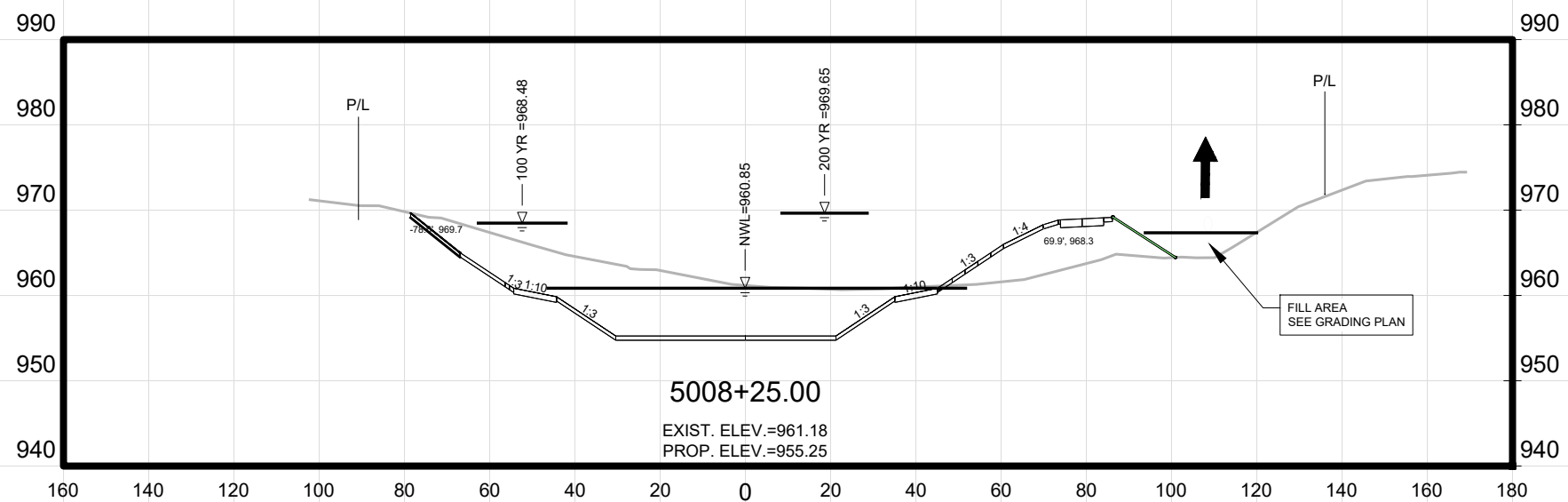
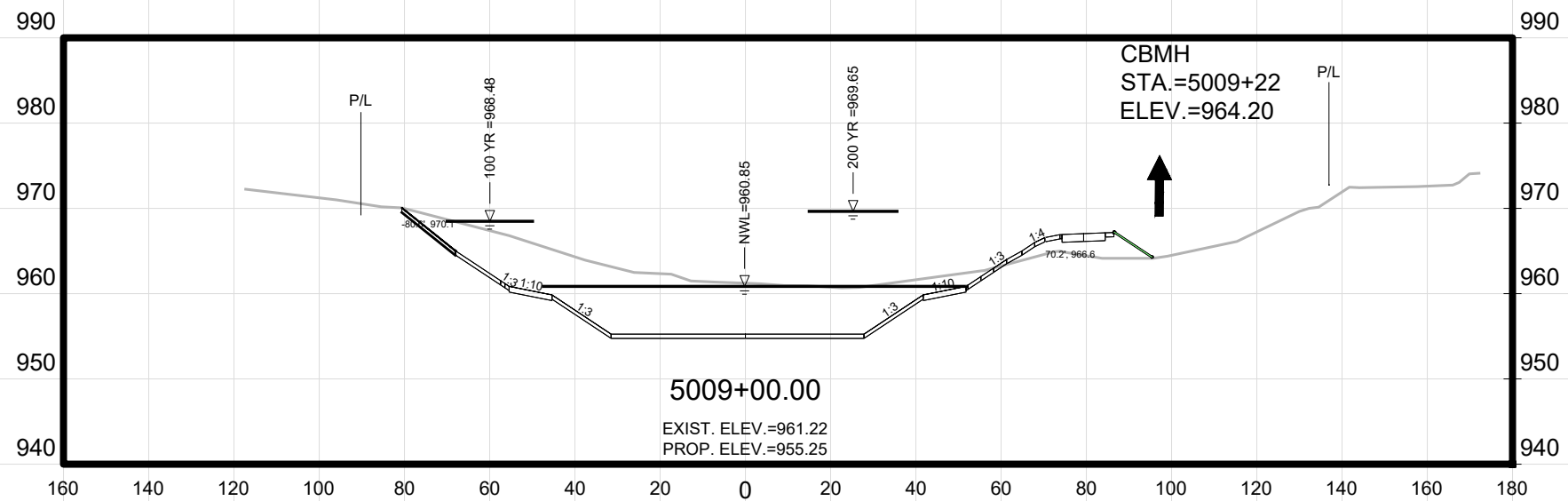
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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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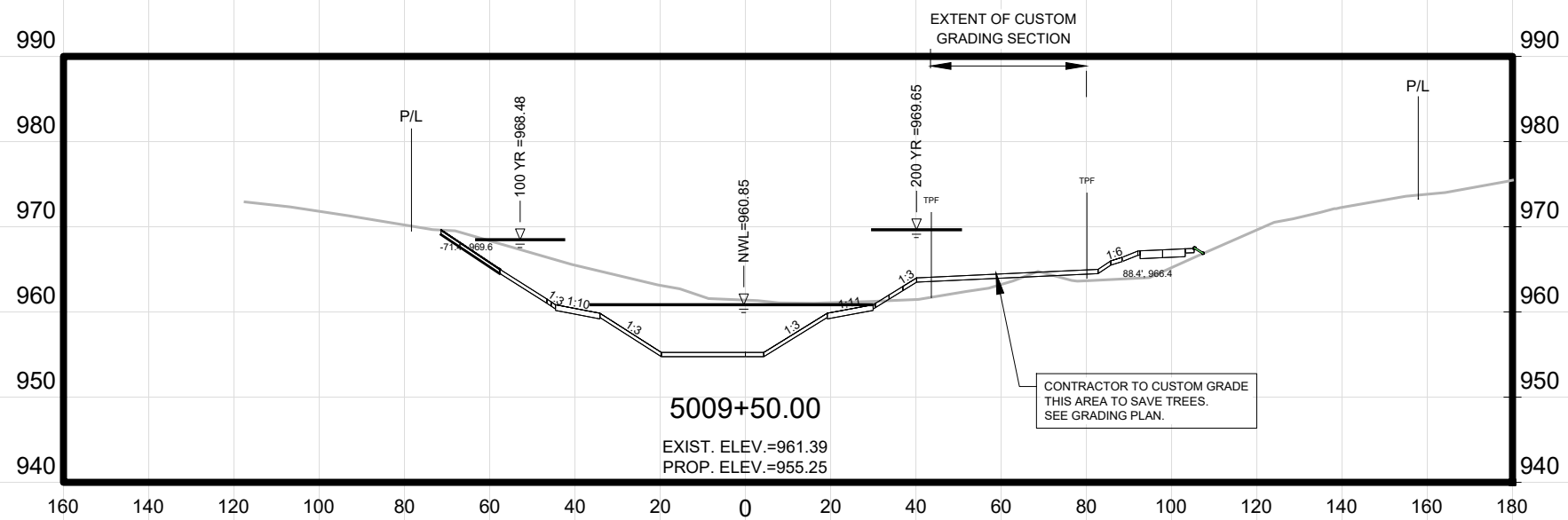
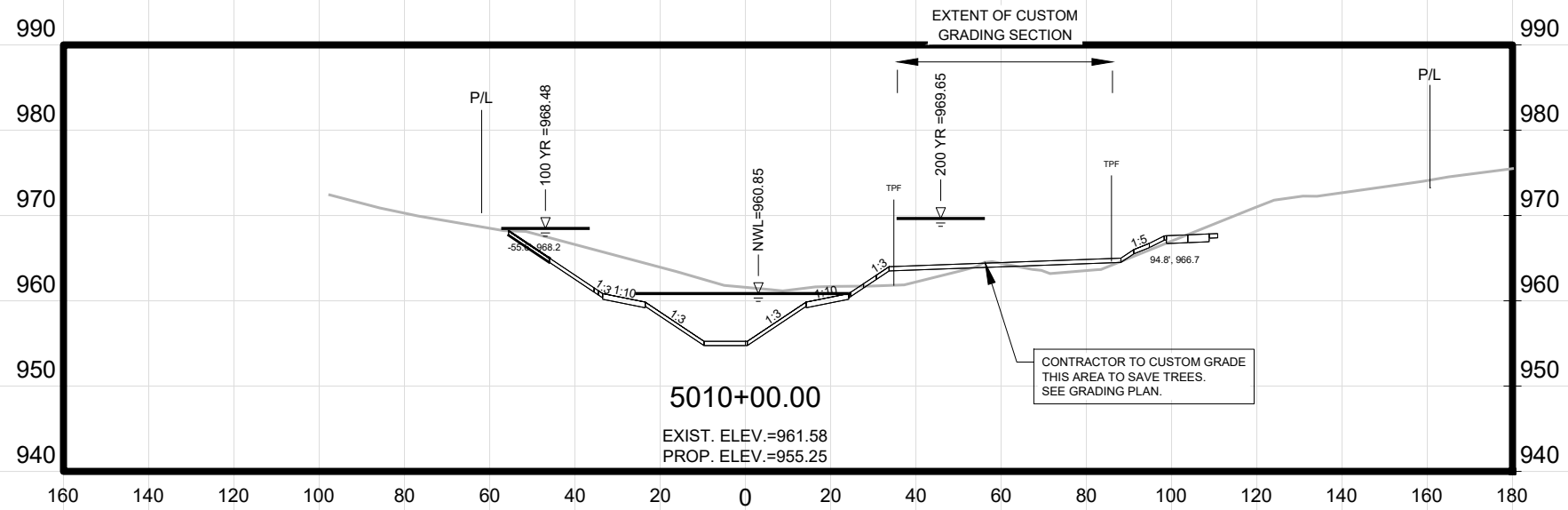
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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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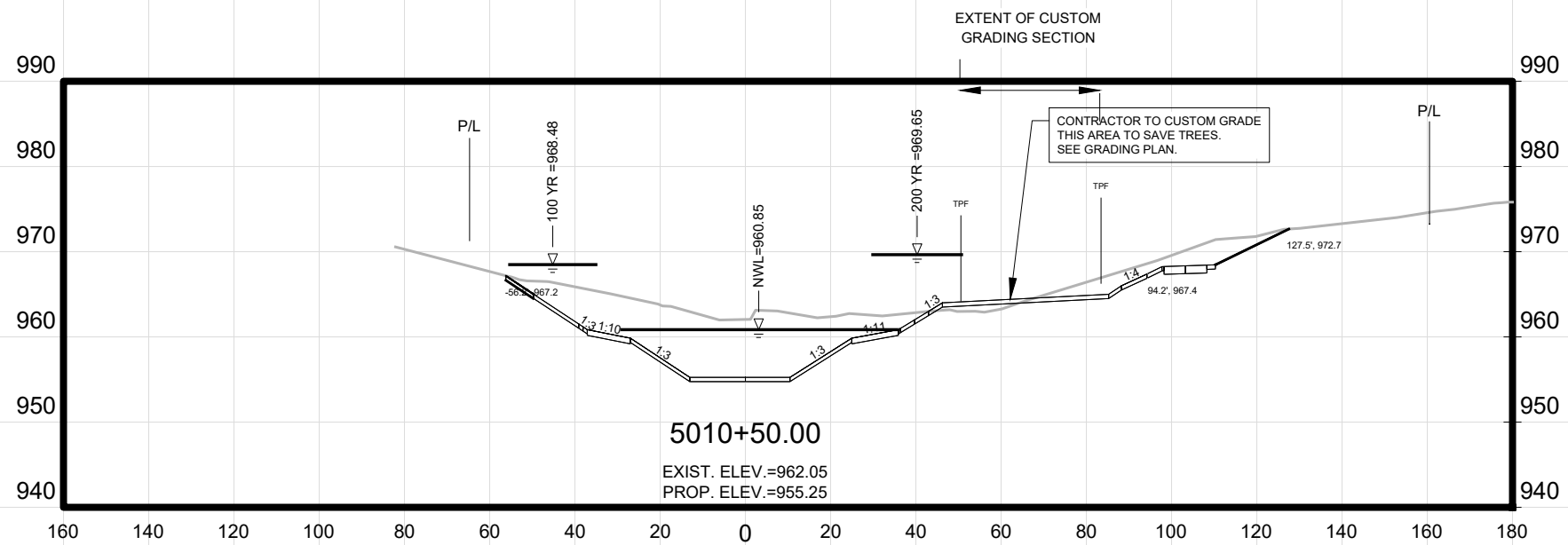
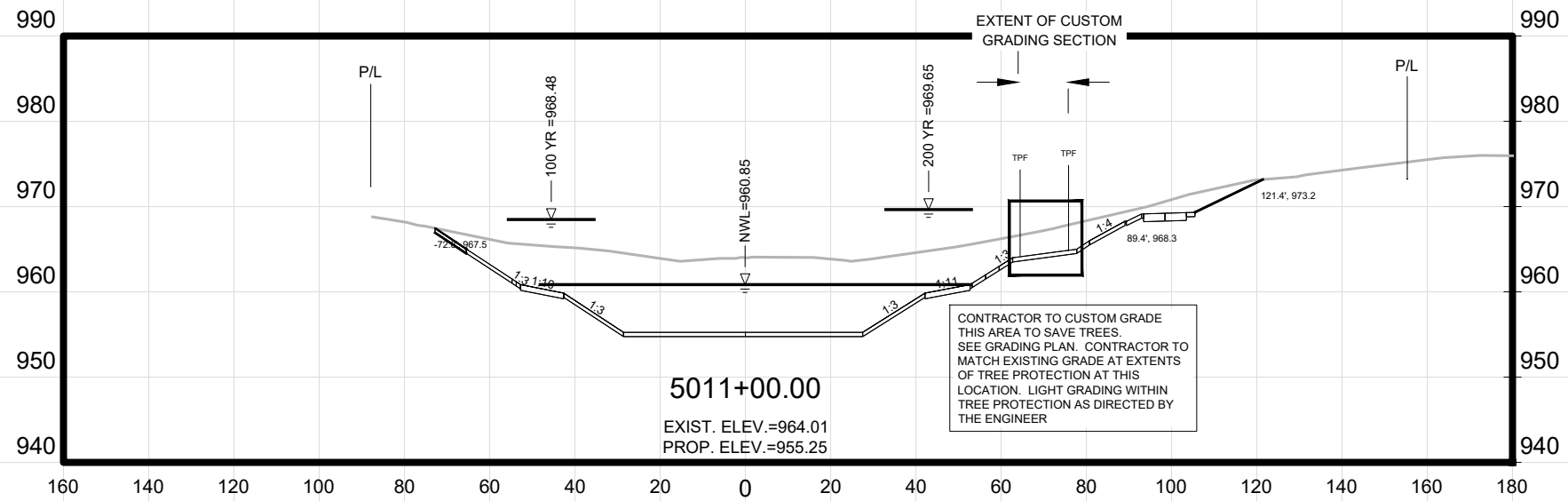


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14370  
 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



14370  
 X8



MARK	REVISION	DATE	BY
14370	14370	10/16/2024 12:44 PM	JPC
Designed By: JPC			Scale: AS SHOWN
Date: 10/16/2024 12:44 PM			X9

14370  
 MADISON, WI  
 9517  
 CONTRACT NO:

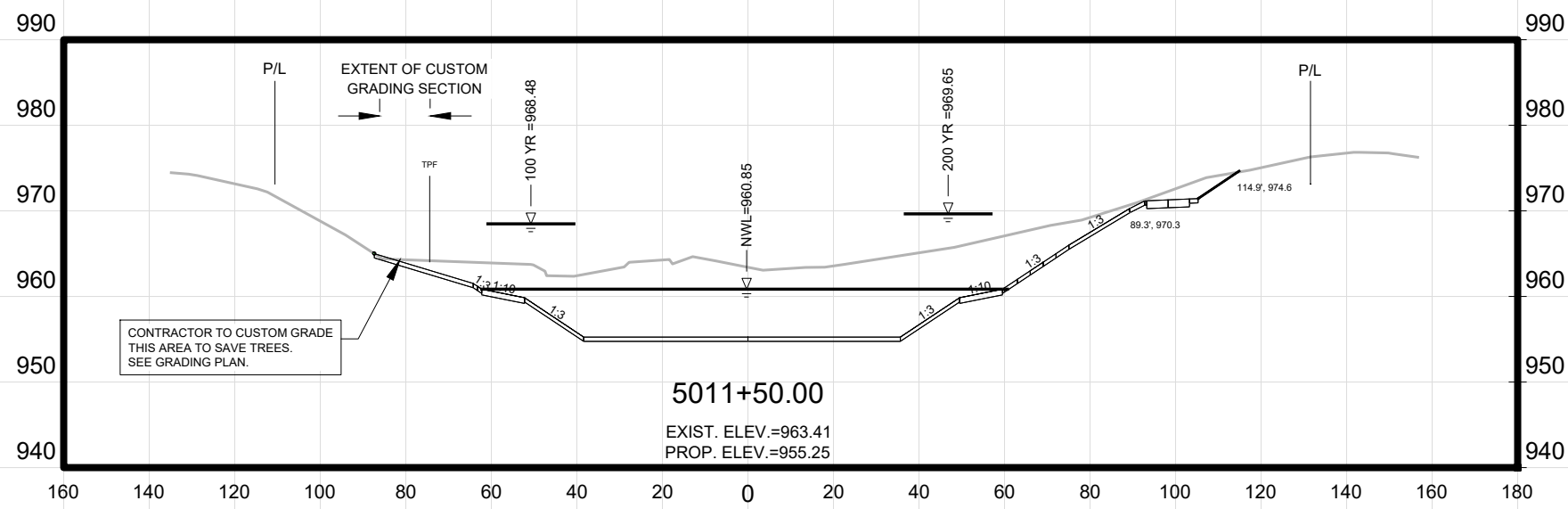
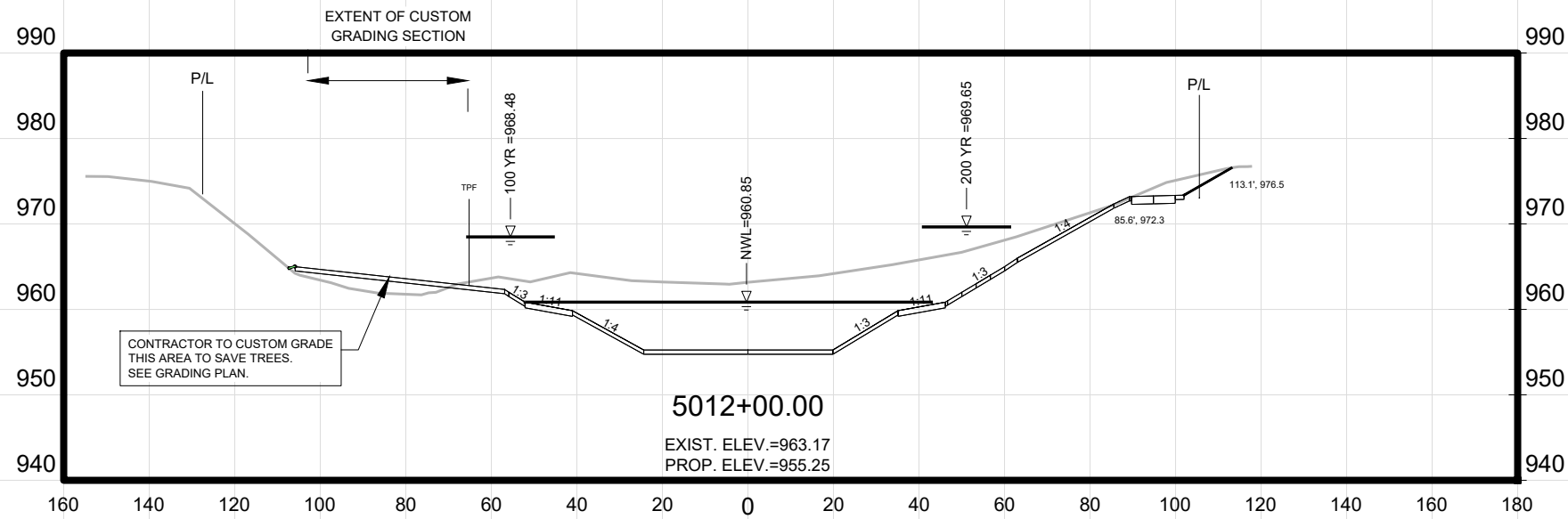
CROSS SECTIONS - GREENWAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT

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14370  
 X9





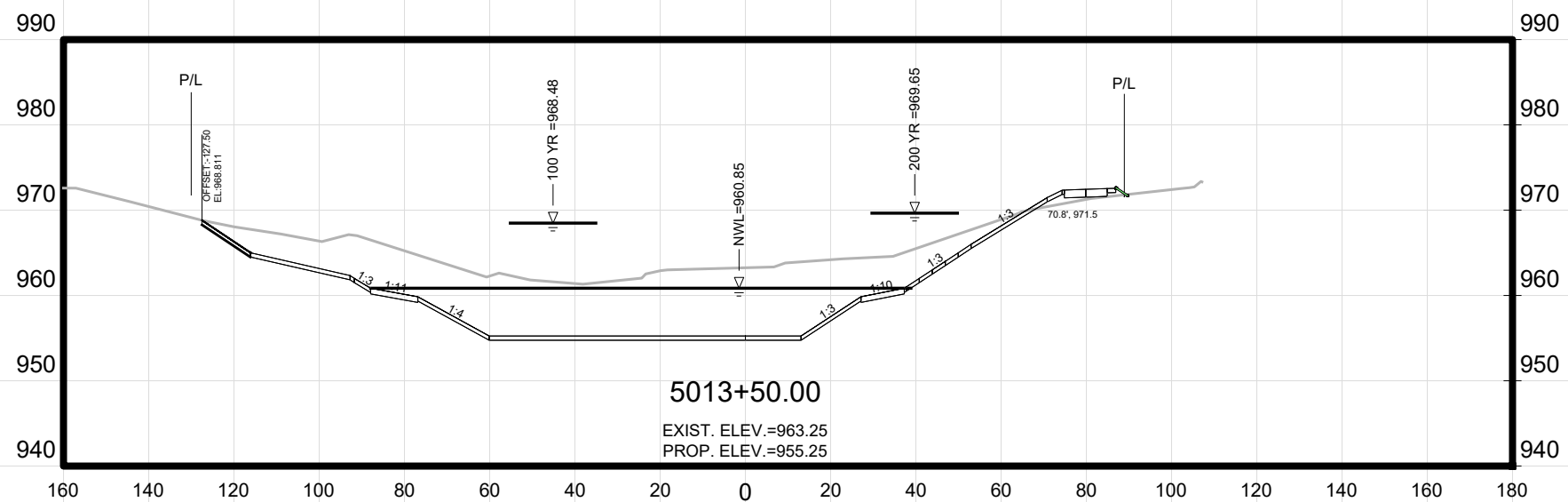
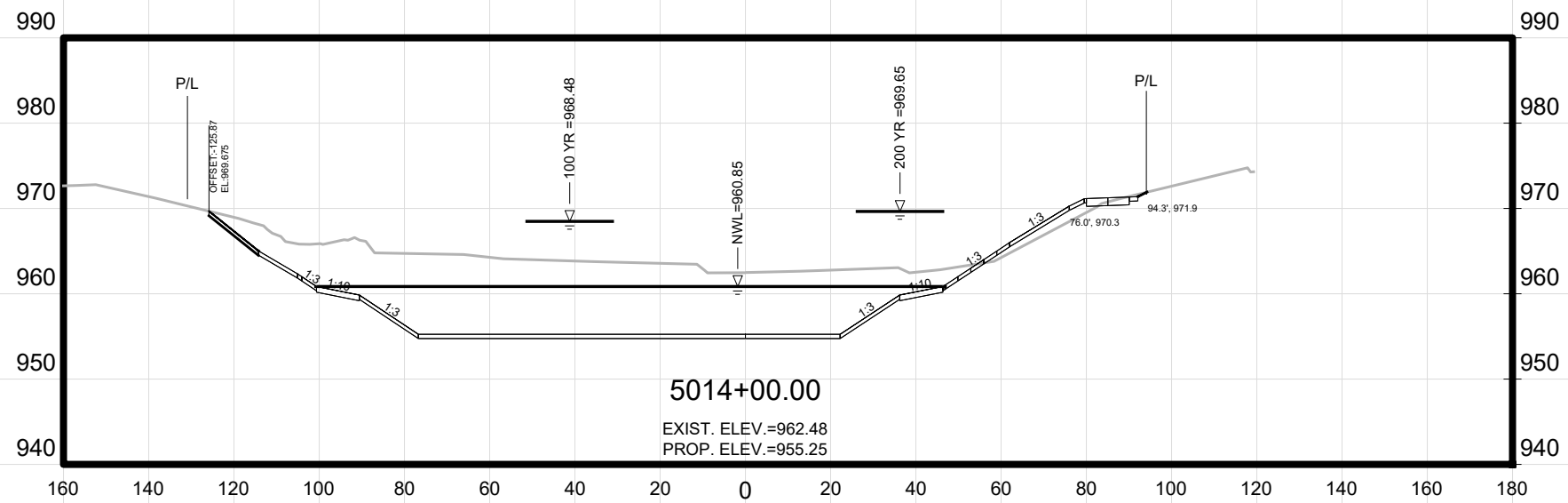
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14370  
 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517  
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14370  
 X10





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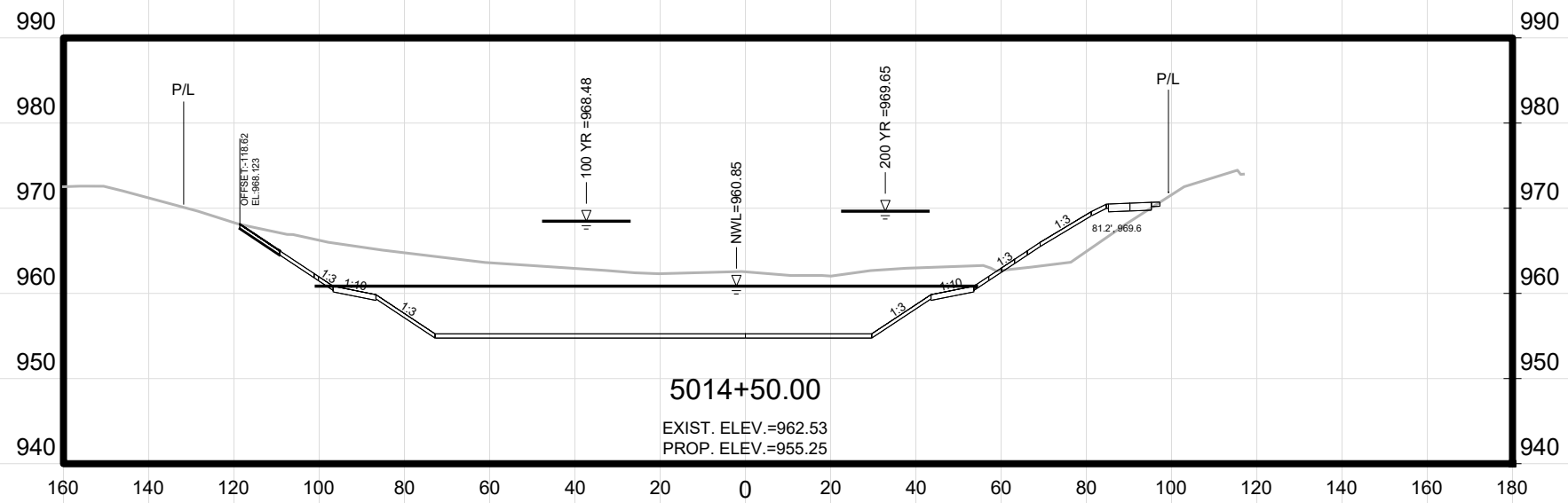
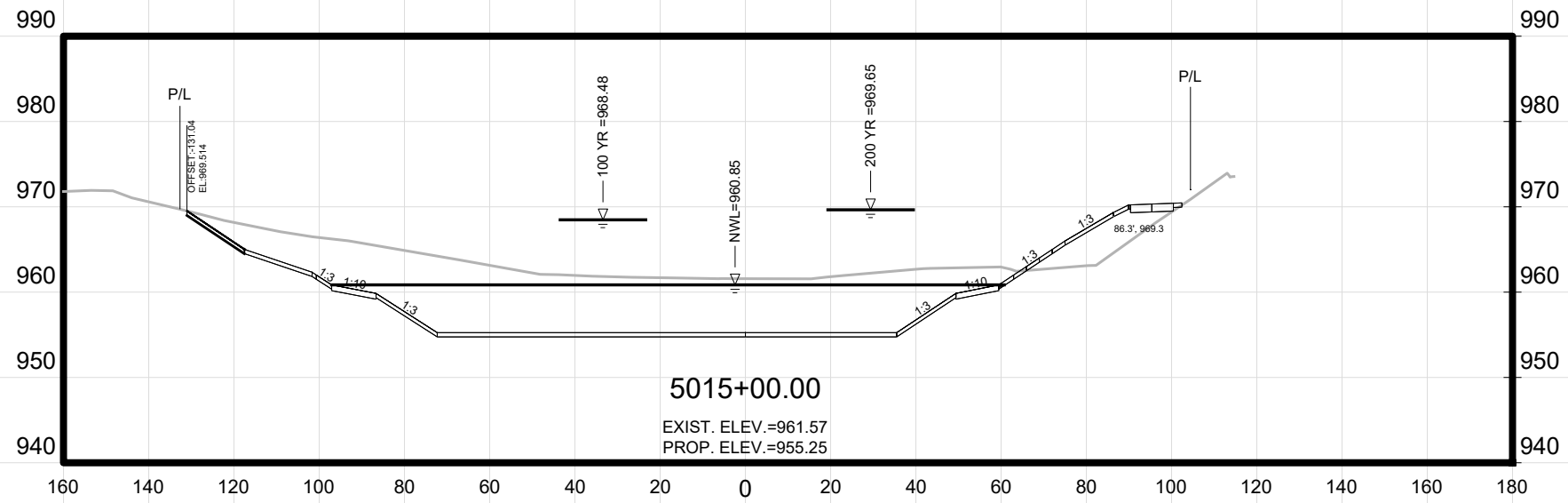
**14370**  
**MADISON, WI**  
**CONTRACT NO: 9517**

CROSS SECTIONS - GREENWAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT

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**14370**  
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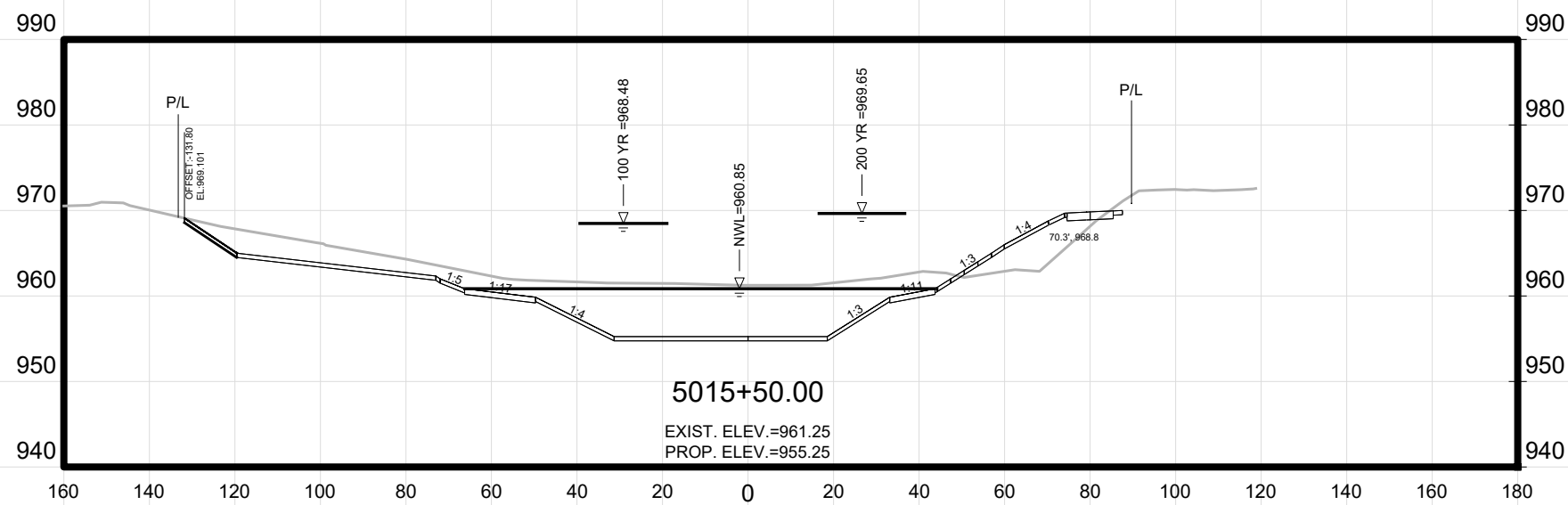
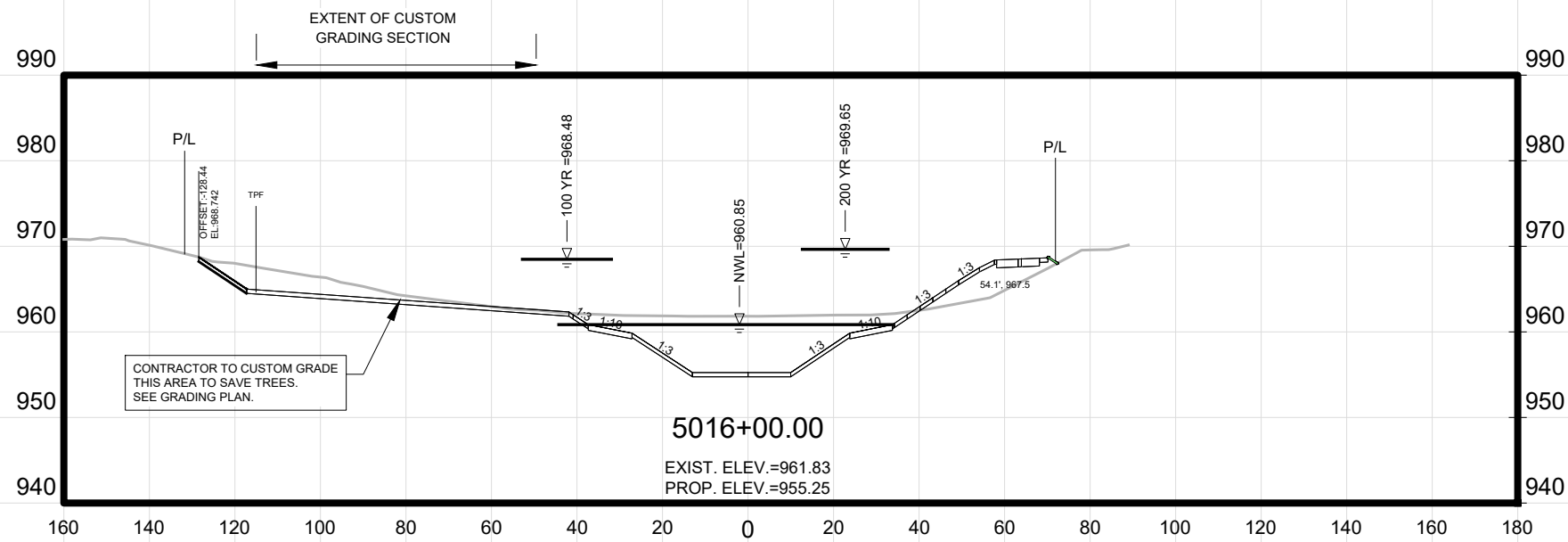
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14370  
 MADISON, WI  
 CONTRACT NO: 9517

CROSS SECTIONS - GREENWAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
 X13



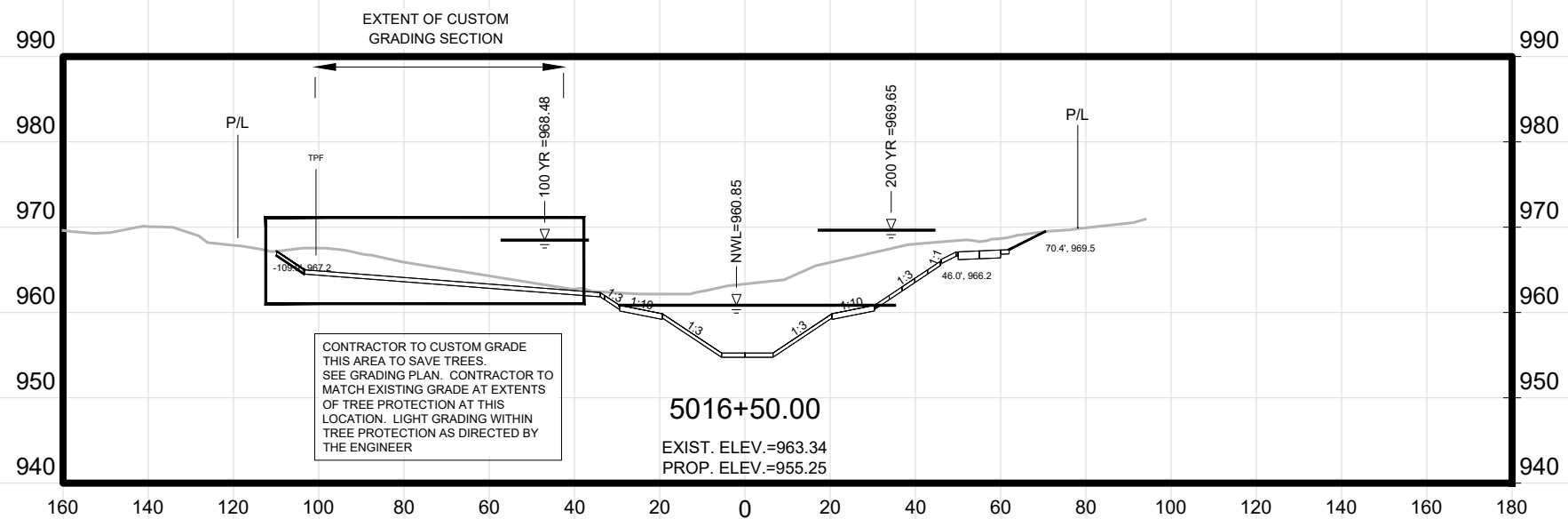
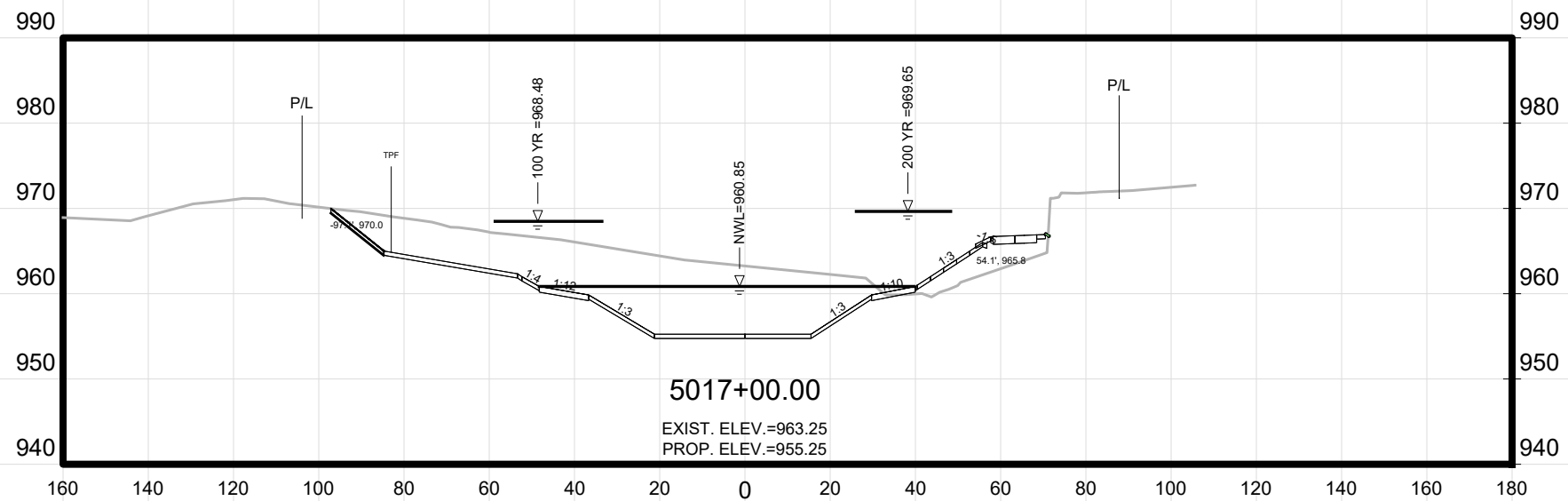
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14370  
MADISON, WI  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO: 9517

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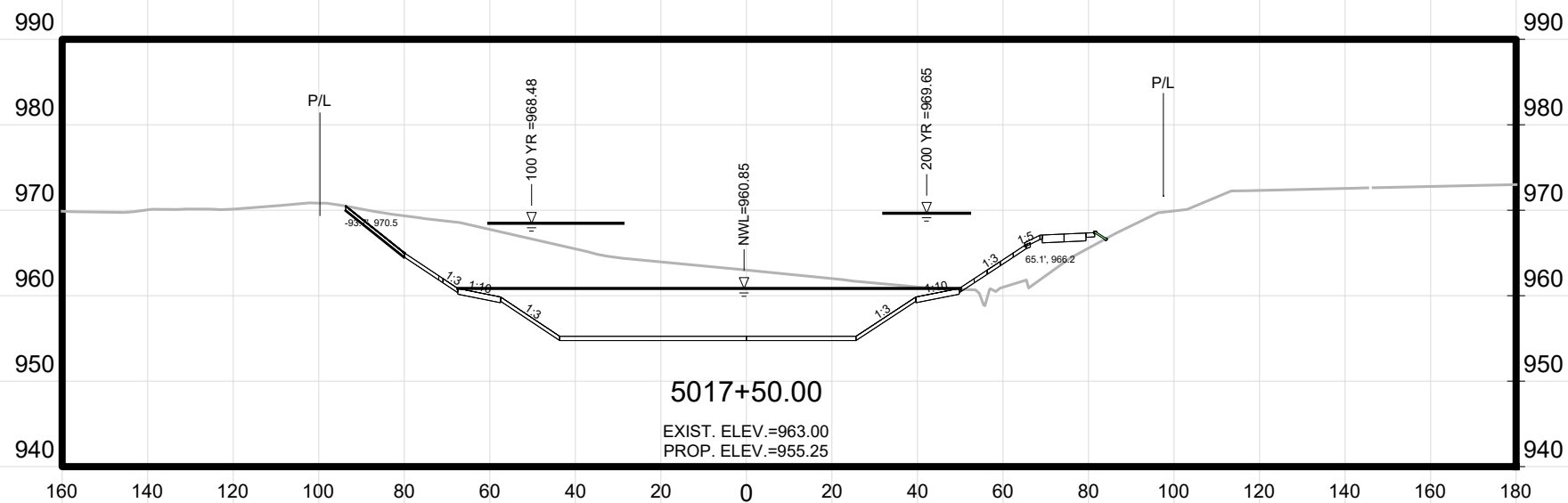
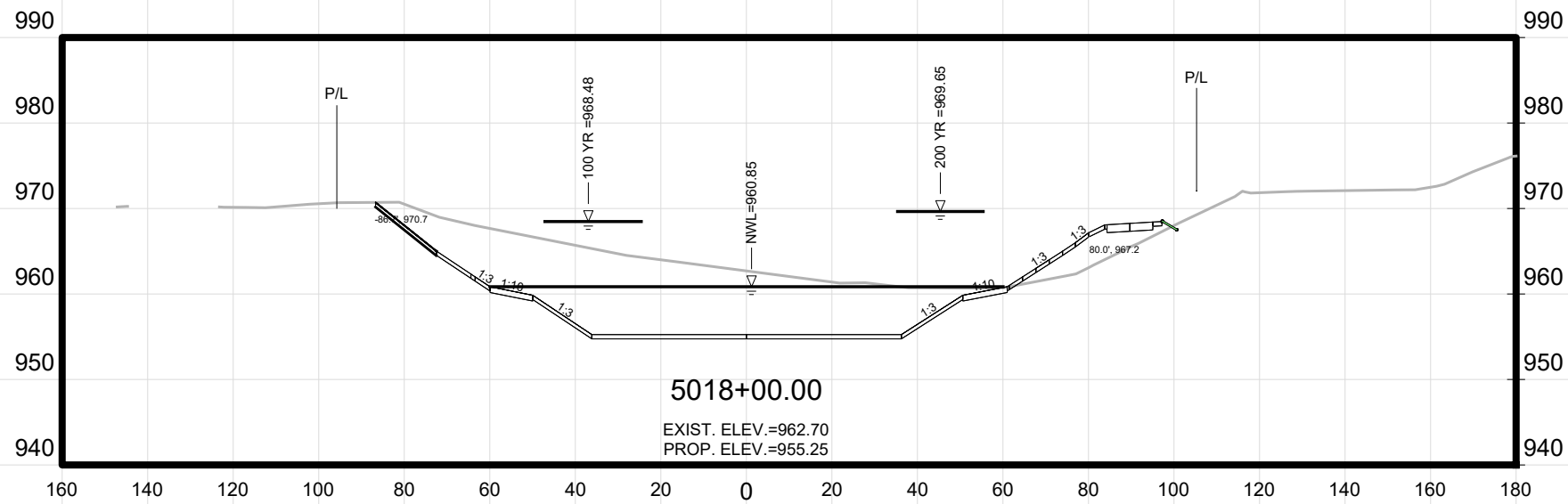
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14370  
 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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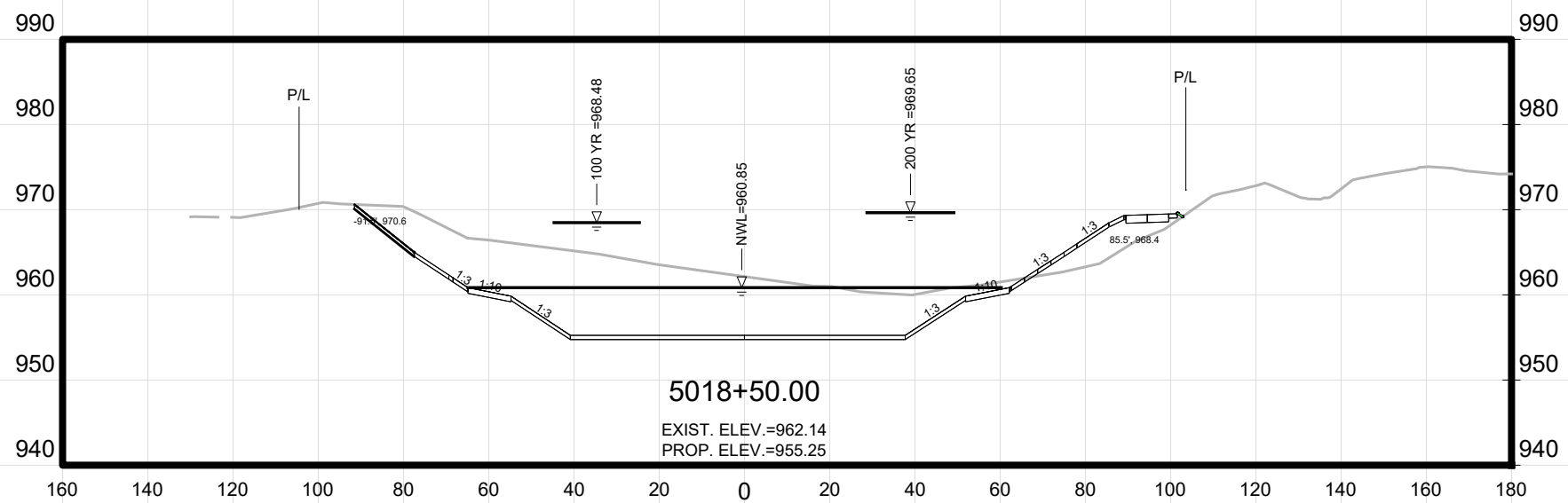
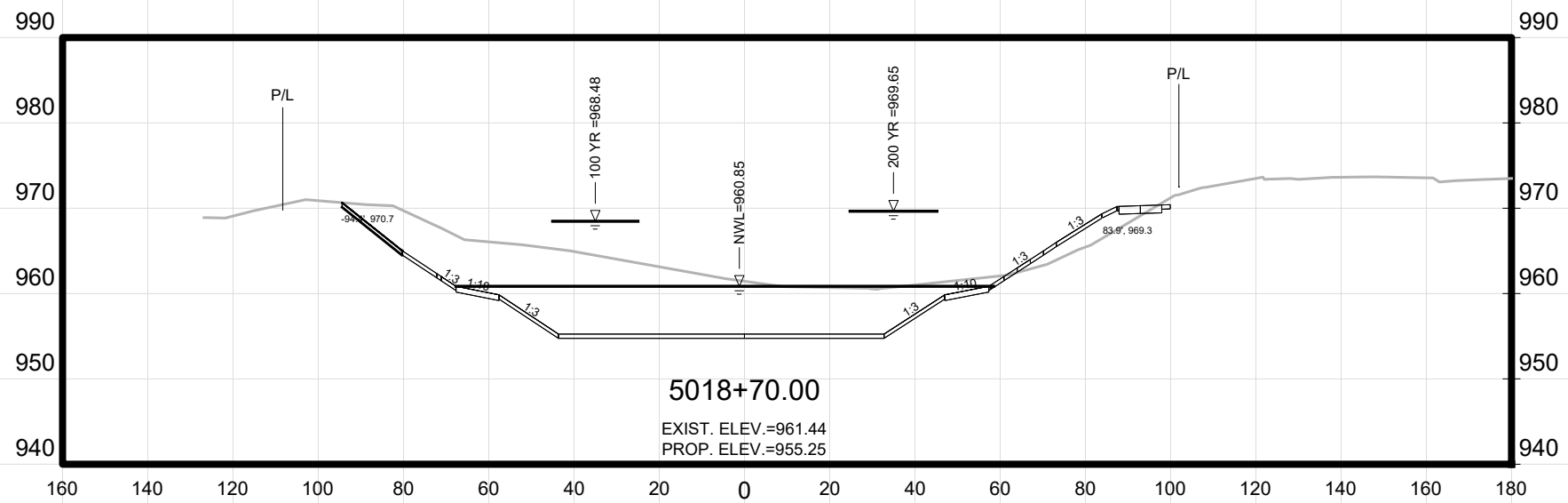


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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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14370  
 X16



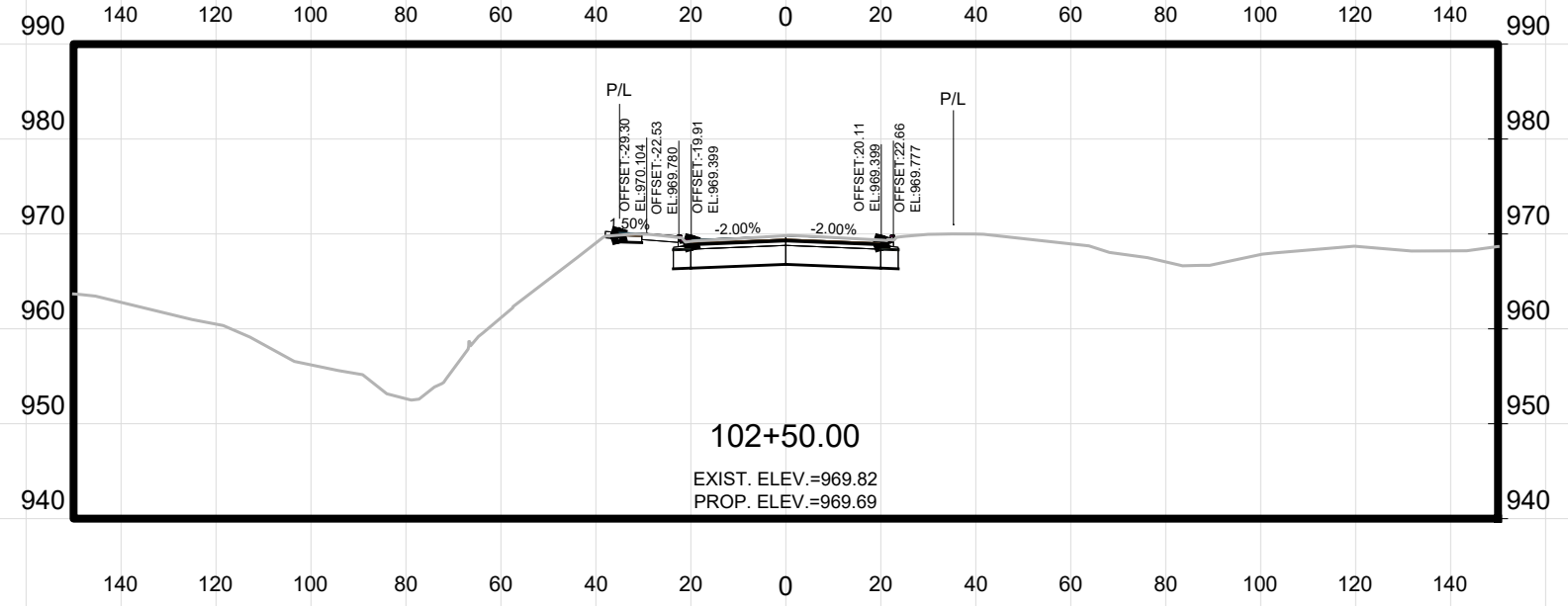
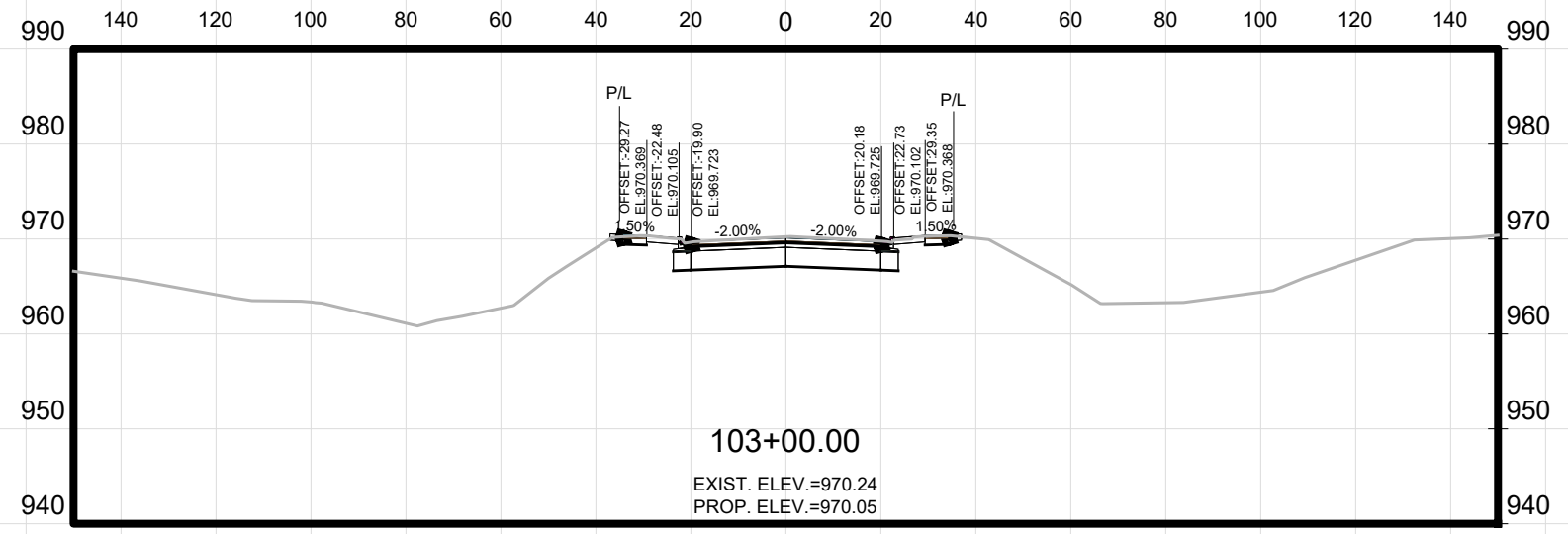
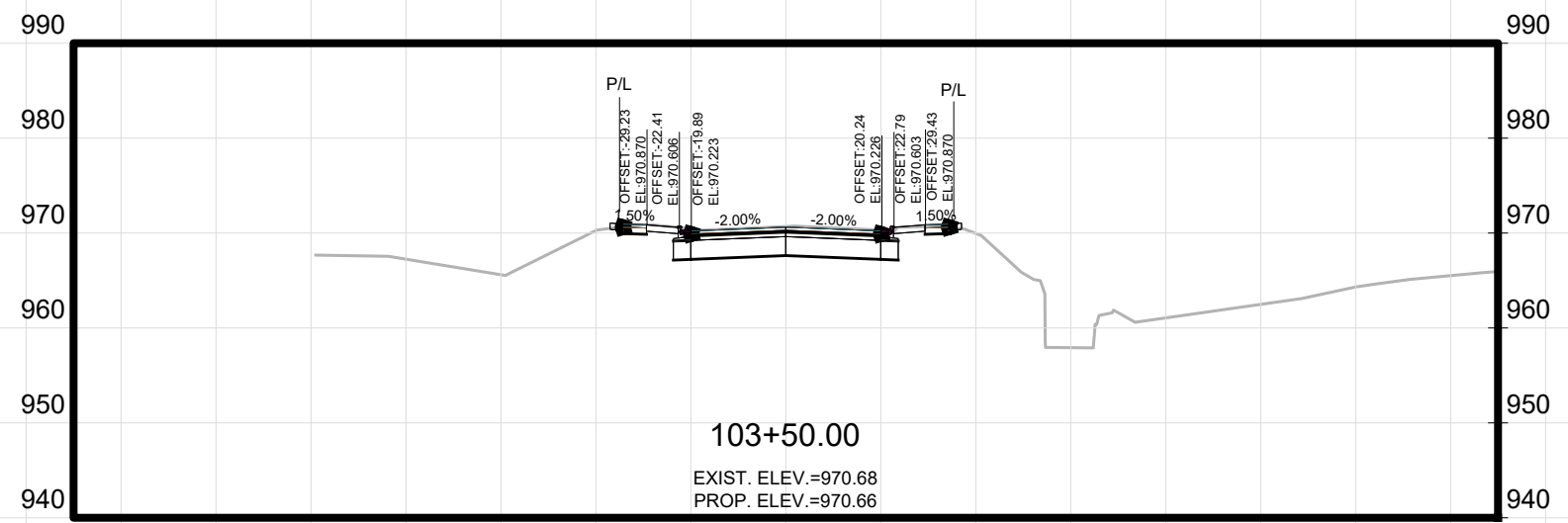
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14370  
 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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14370  
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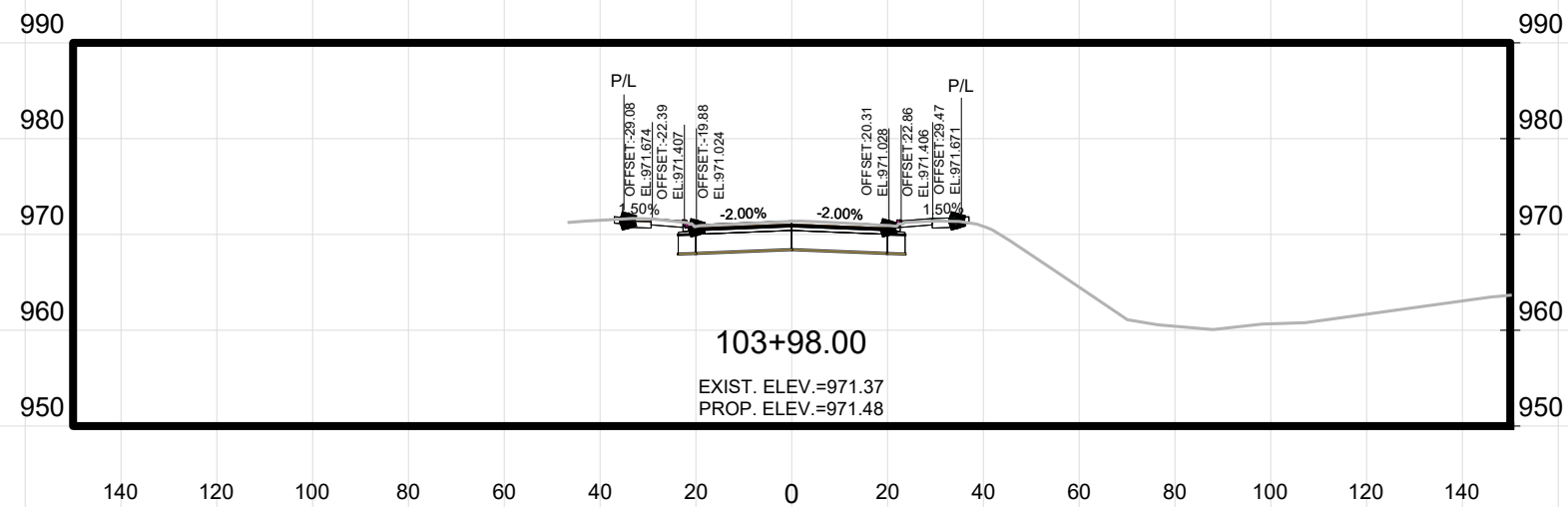
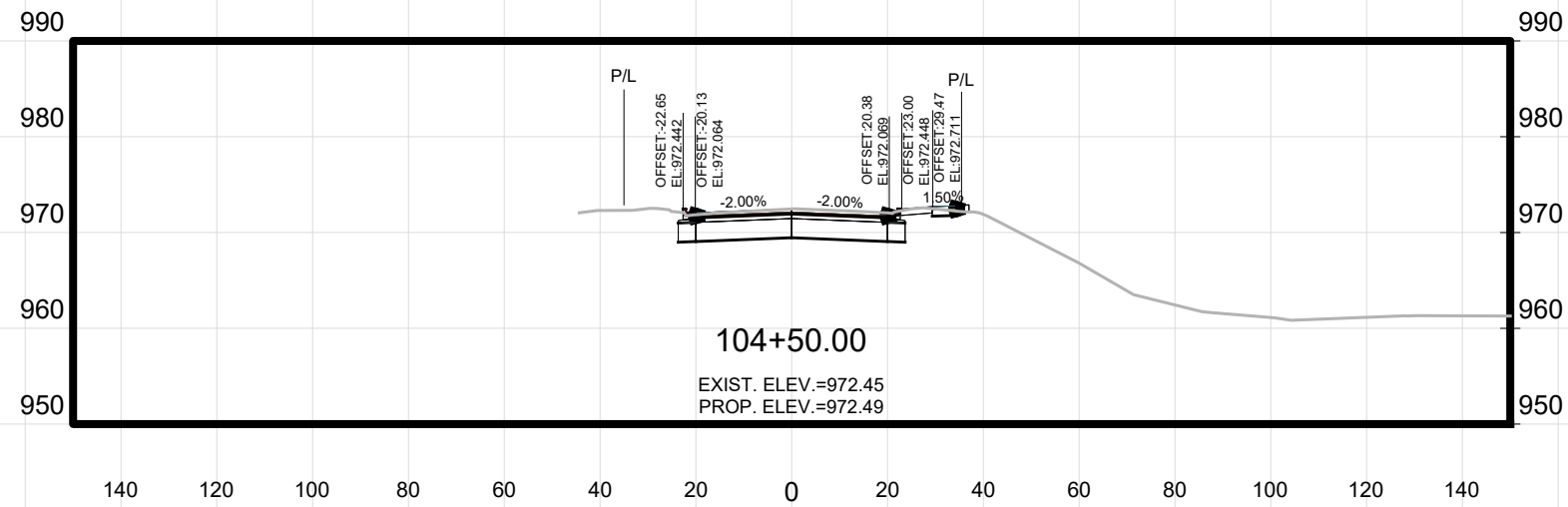
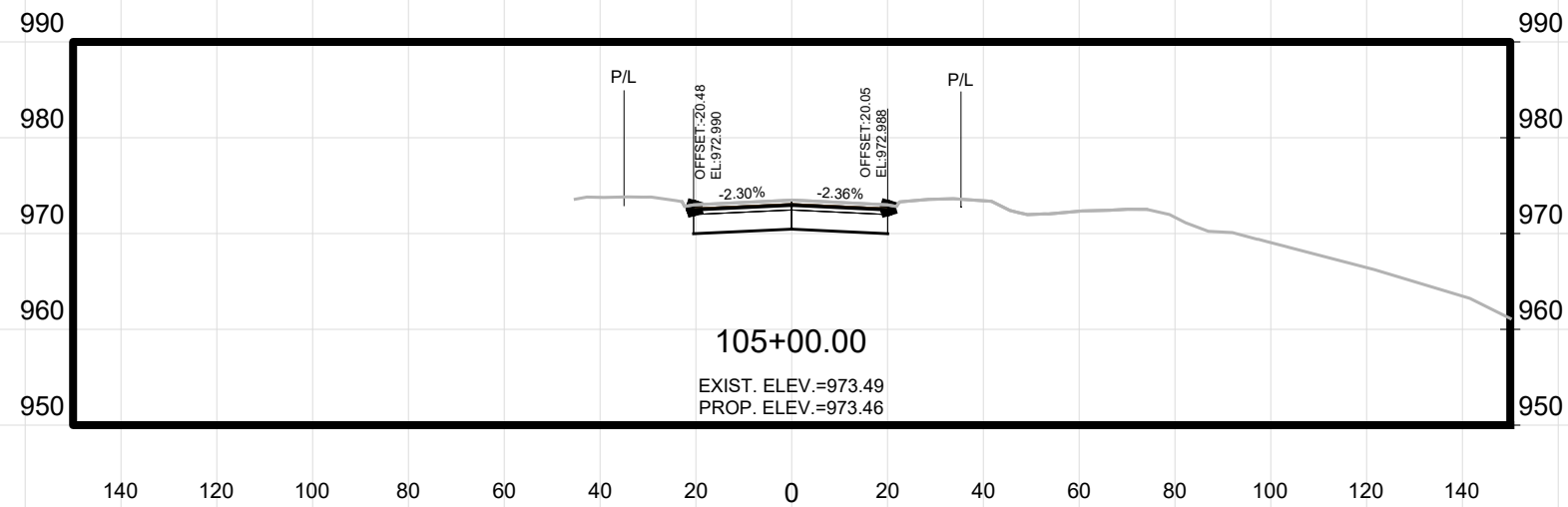


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14370  
MADISON, WI  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO: 9517



14370  
X18



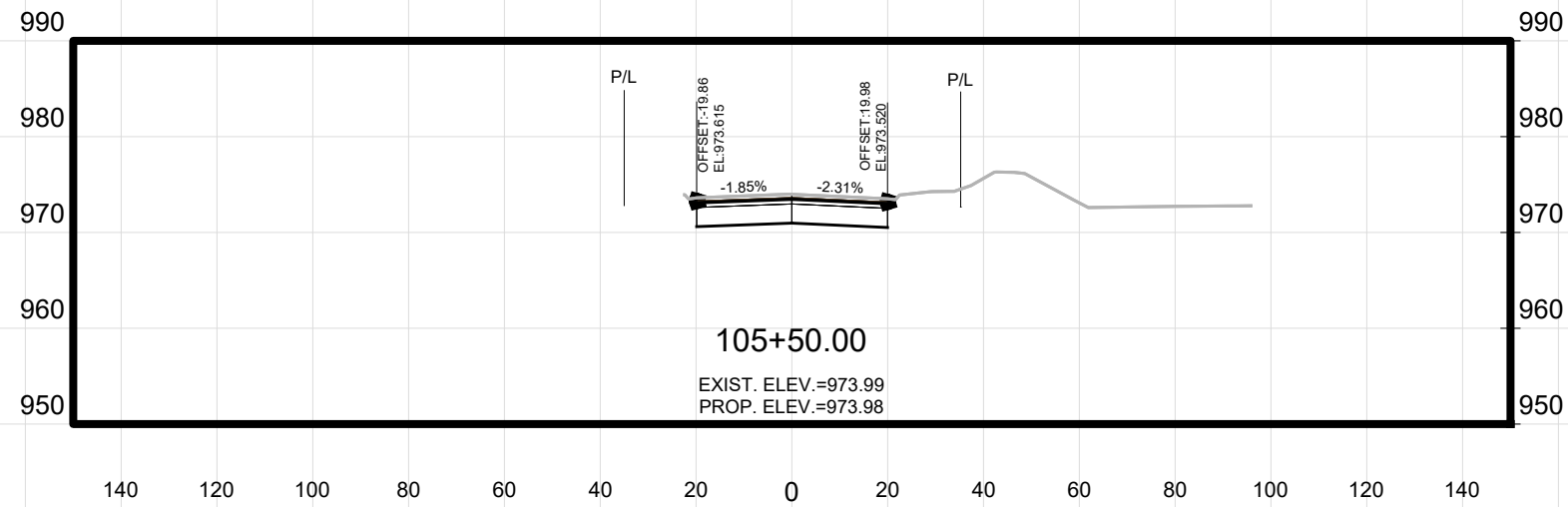
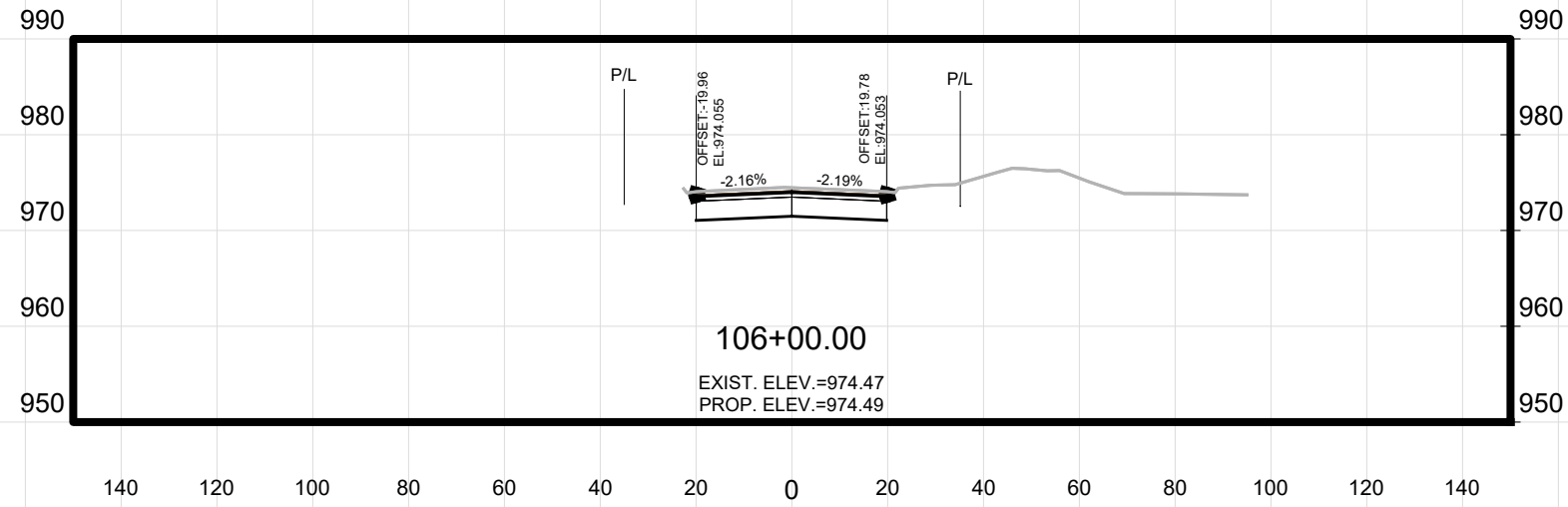
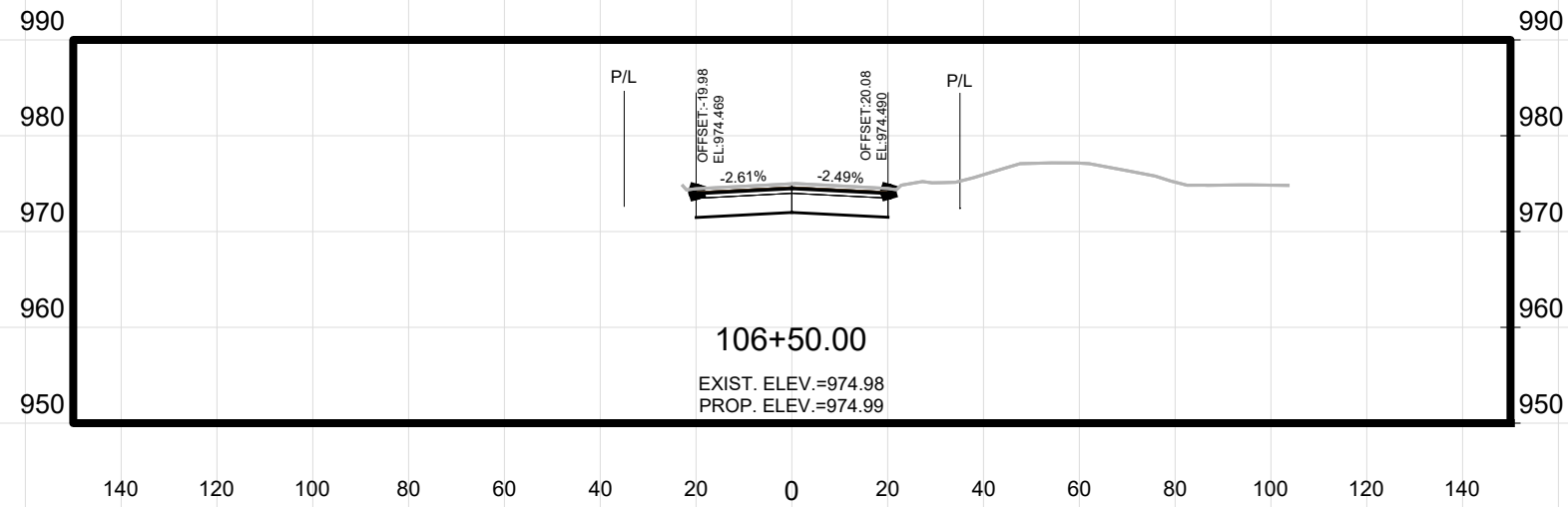
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14370  
 MADISON, WI  
 9517

CROSS SECTIONS - DEMING WAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO:



14370  
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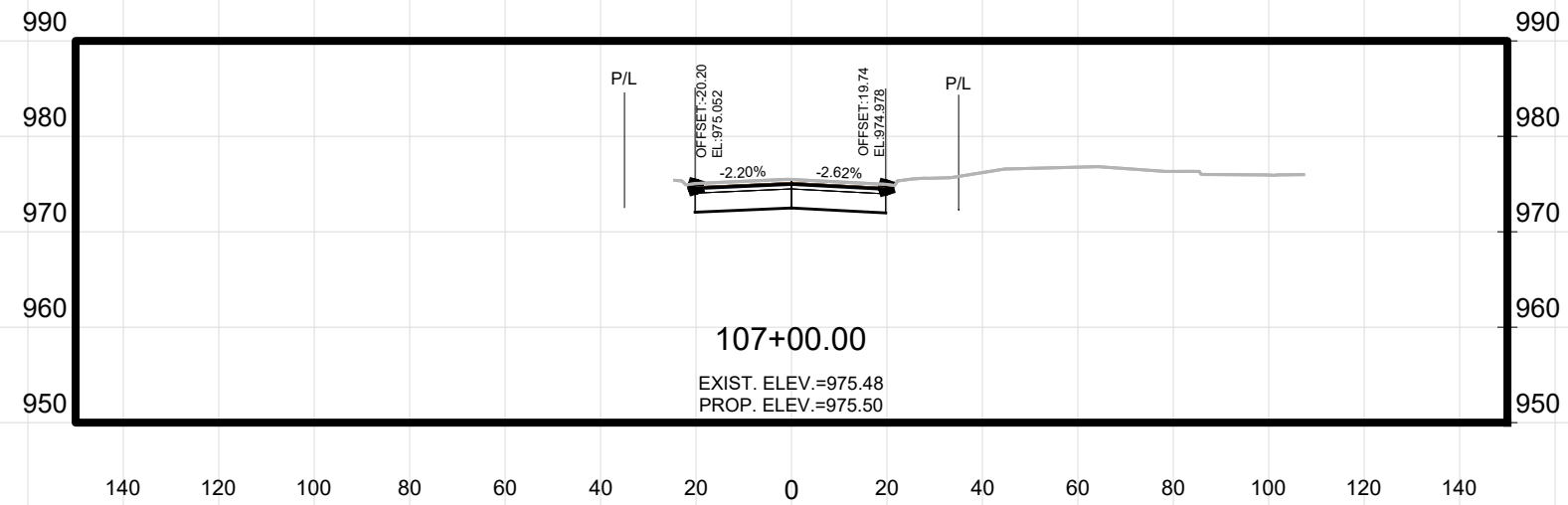
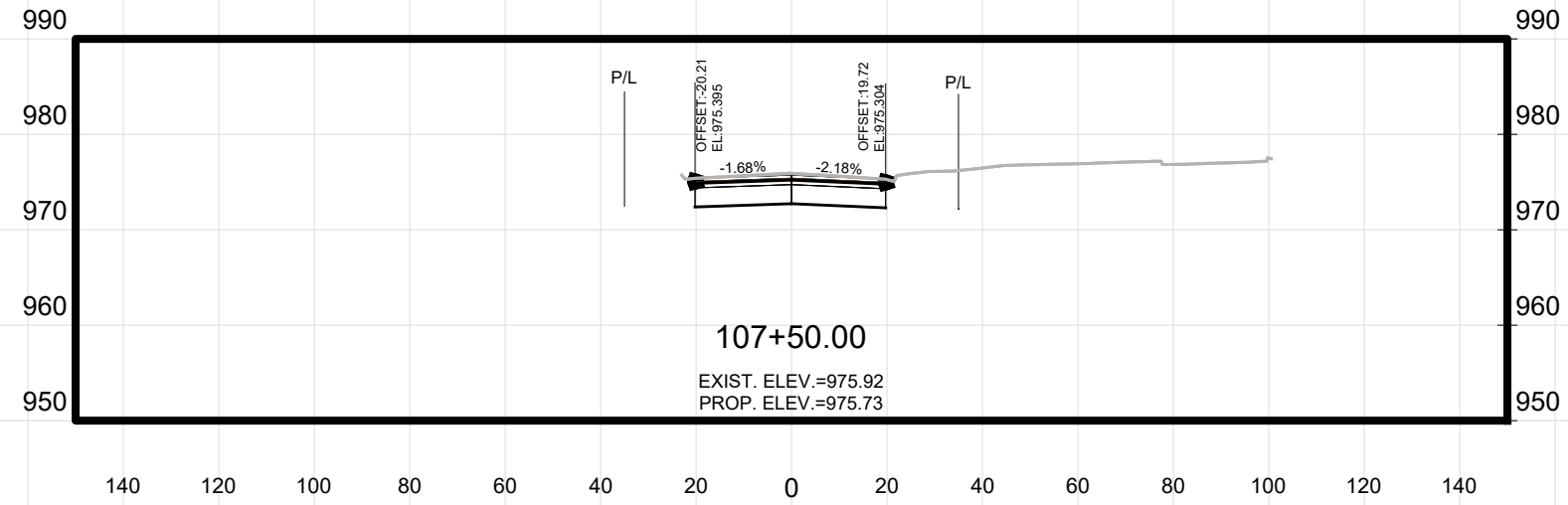
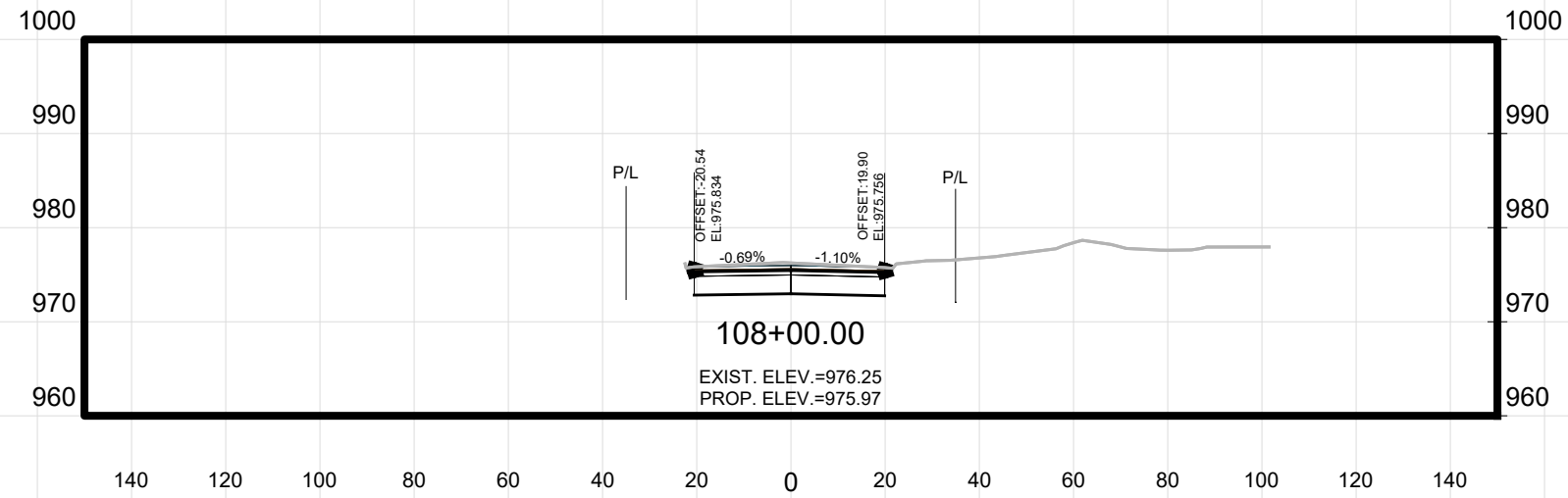


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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



14370  
 X20



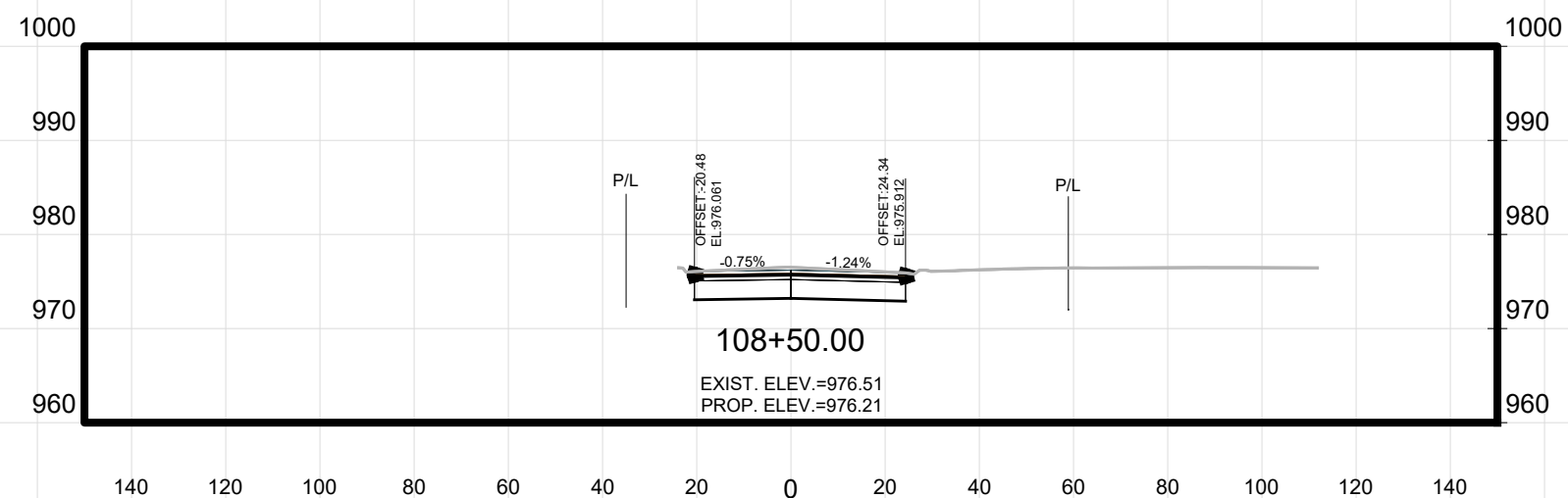
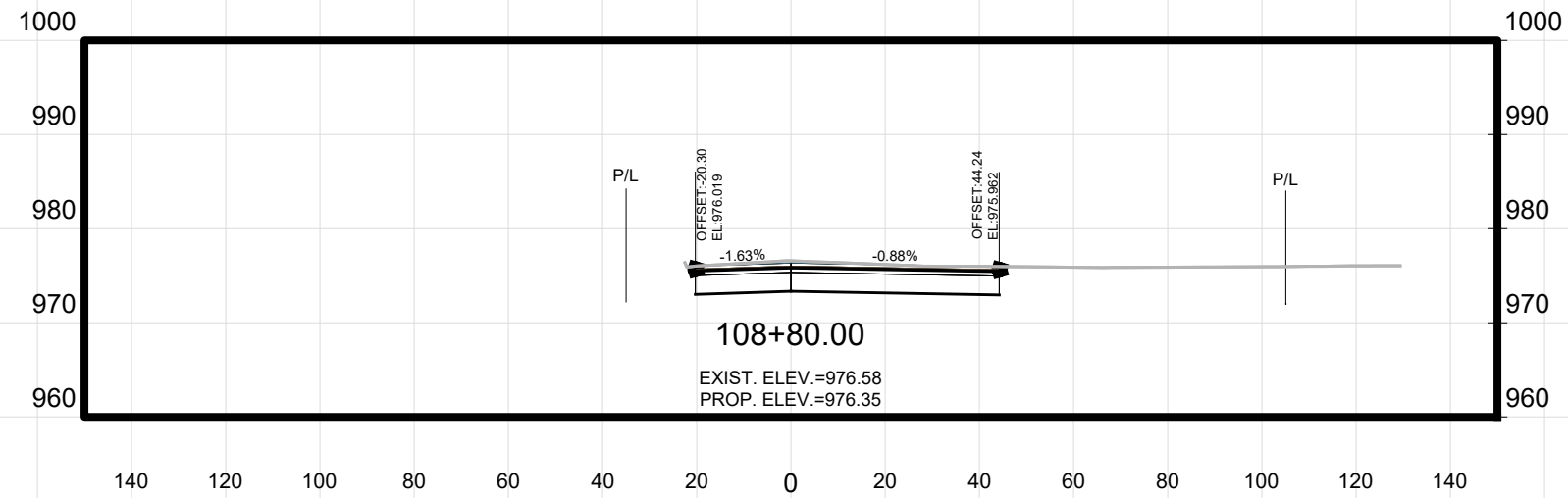
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14370  
 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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14370  
 X21



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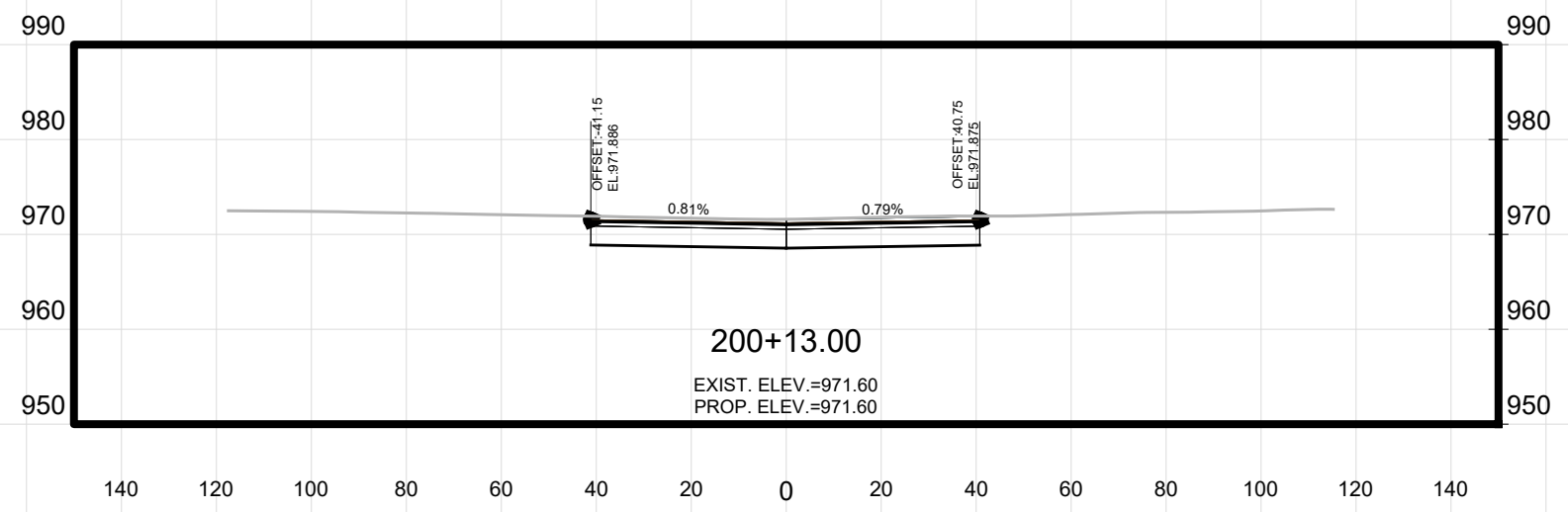
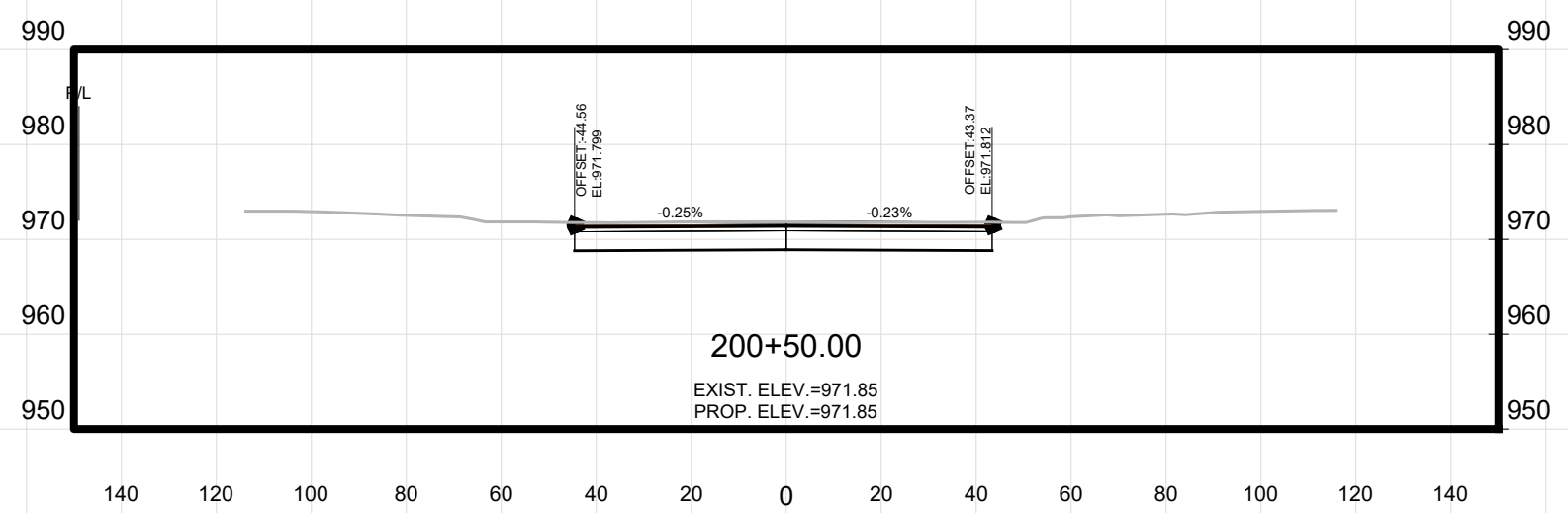
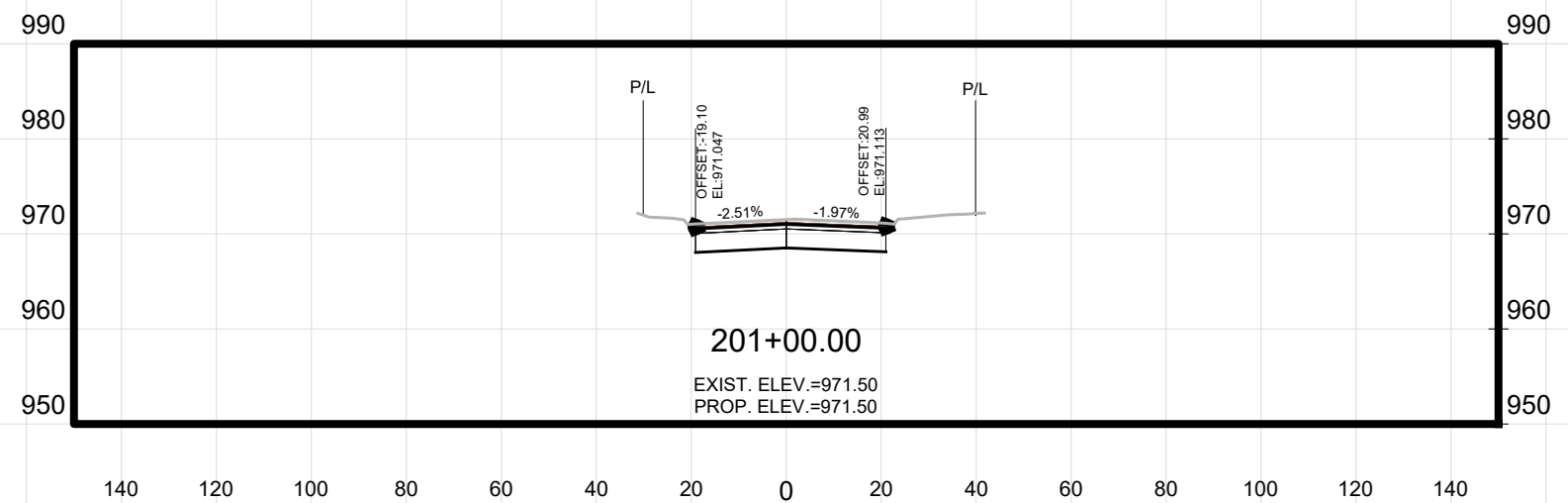
14370  
 MADISON, WI  
 9517  
 CONTRACT NO:

CROSS SECTIONS - DEMING WAY  
 PHEASANT BRANCH GREENWAY ENHANCEMENT

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14370  
 X22



MARK	REVISION	DATE	BY
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14370			X23

14370  
MADISON, WI  
9517  
CONTRACT NO:

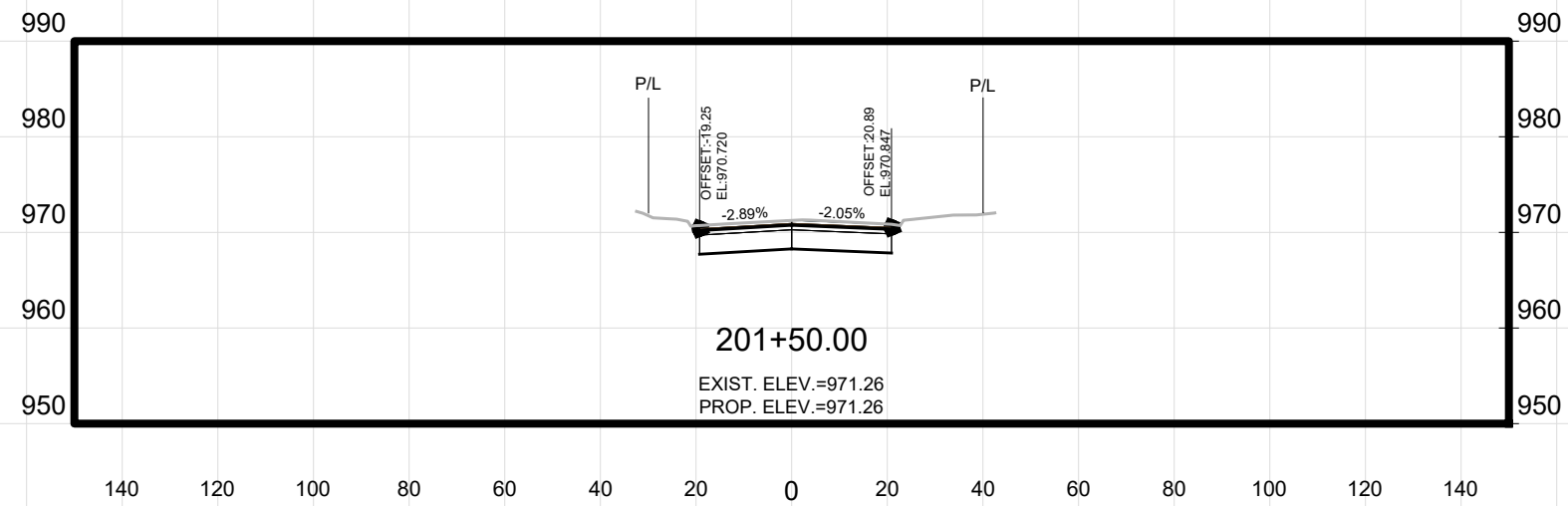
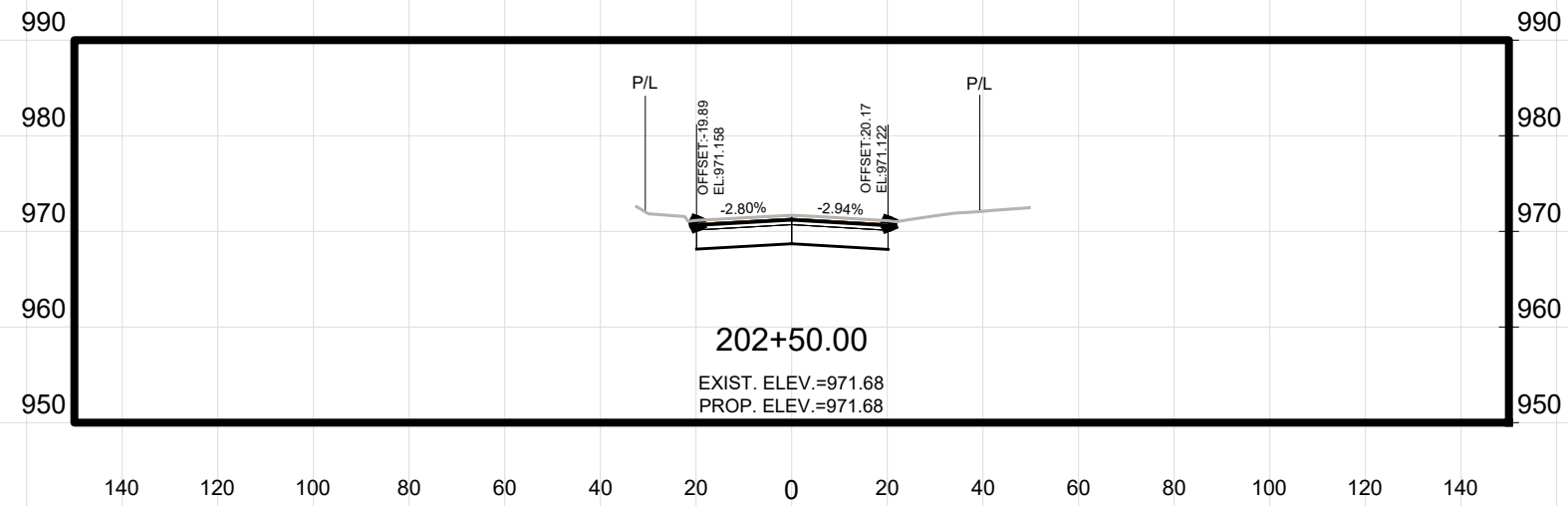


14370  
X23

CROSS SECTIONS - FOURIER DR.

PHEASANT BRANCH GREENWAY ENHANCEMENT

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14370  
MADISON, WI  
9517

CONTRACT NO:

CROSS SECTIONS - FOURIER DR.

PHEASANT BRANCH GREENWAY ENHANCEMENT

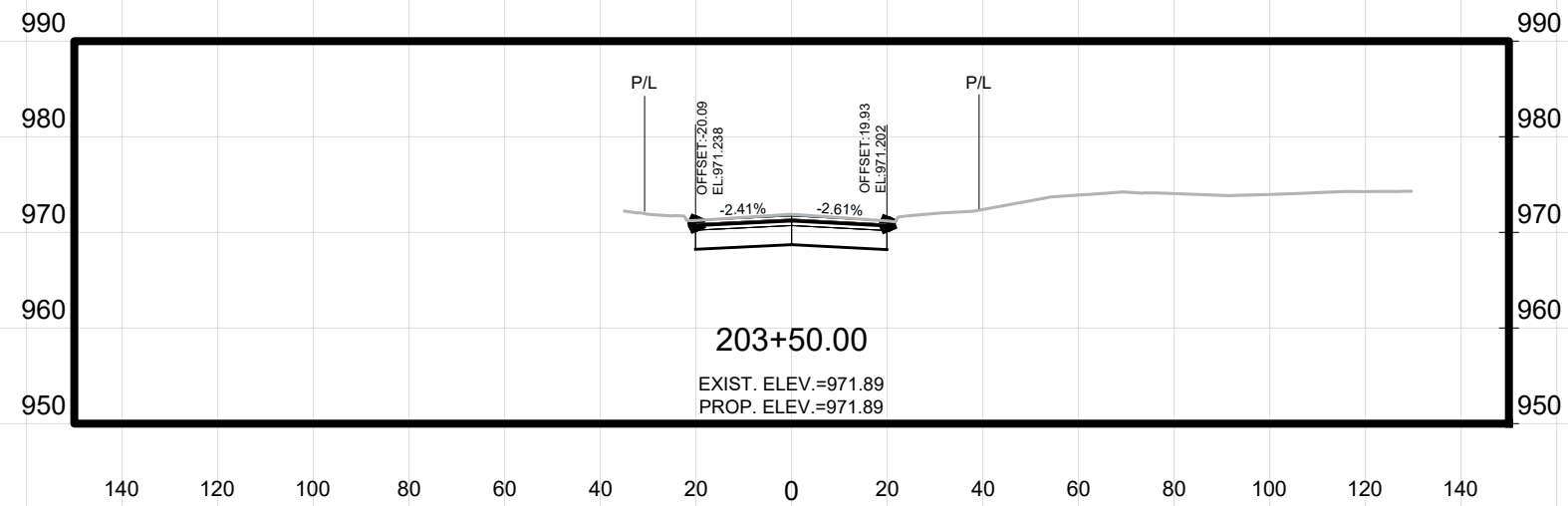
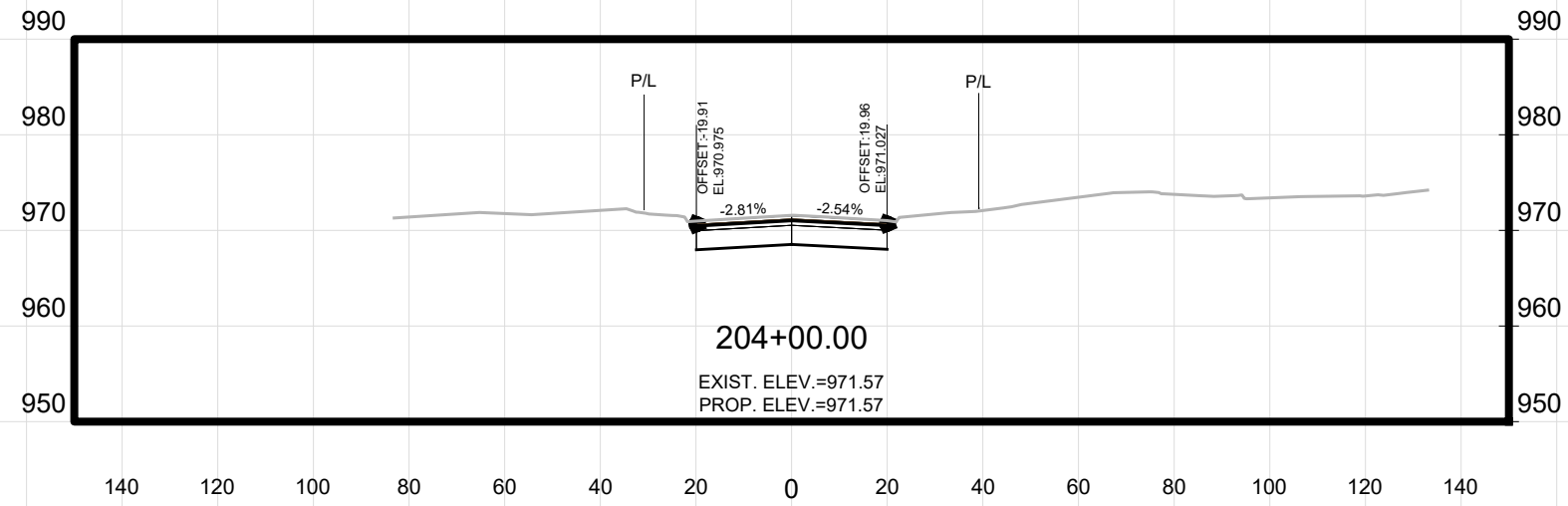
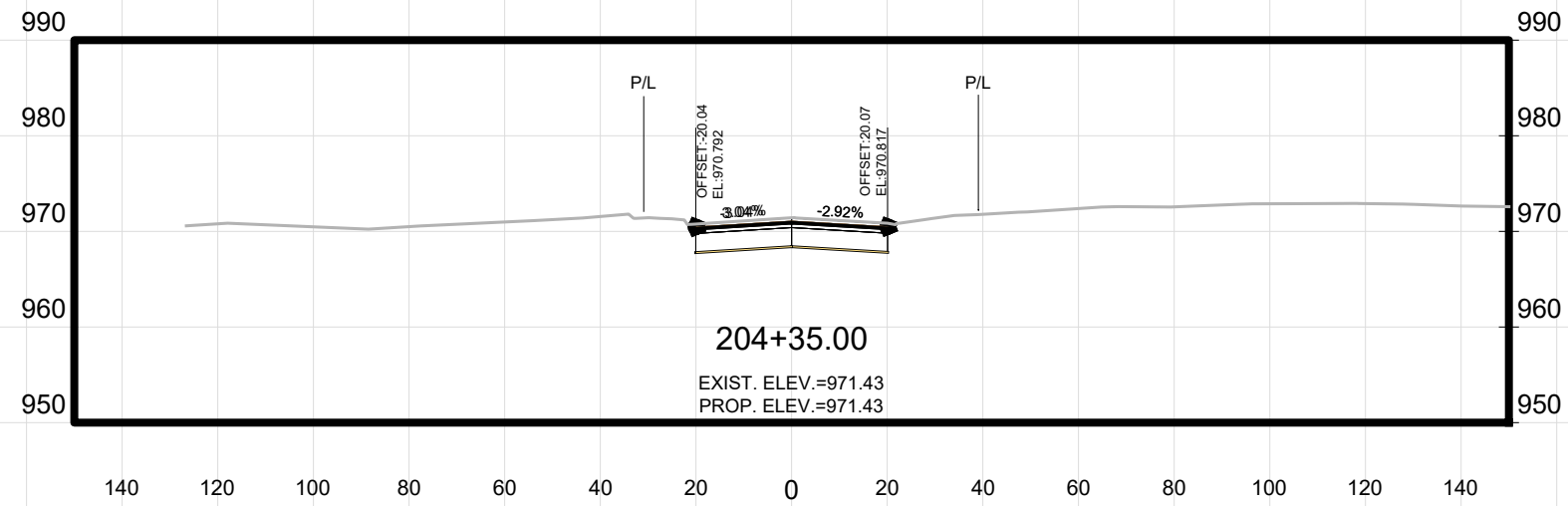
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14370  
X24







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14370  
MADISON, WI  
9517

CONTRACT NO:

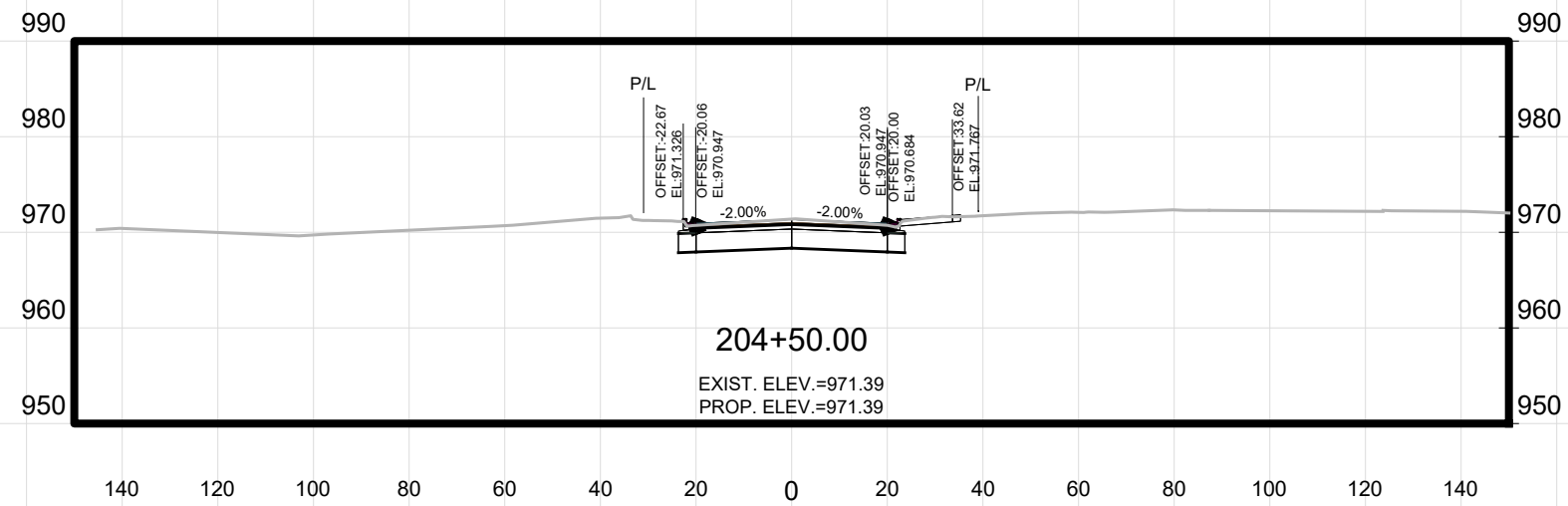
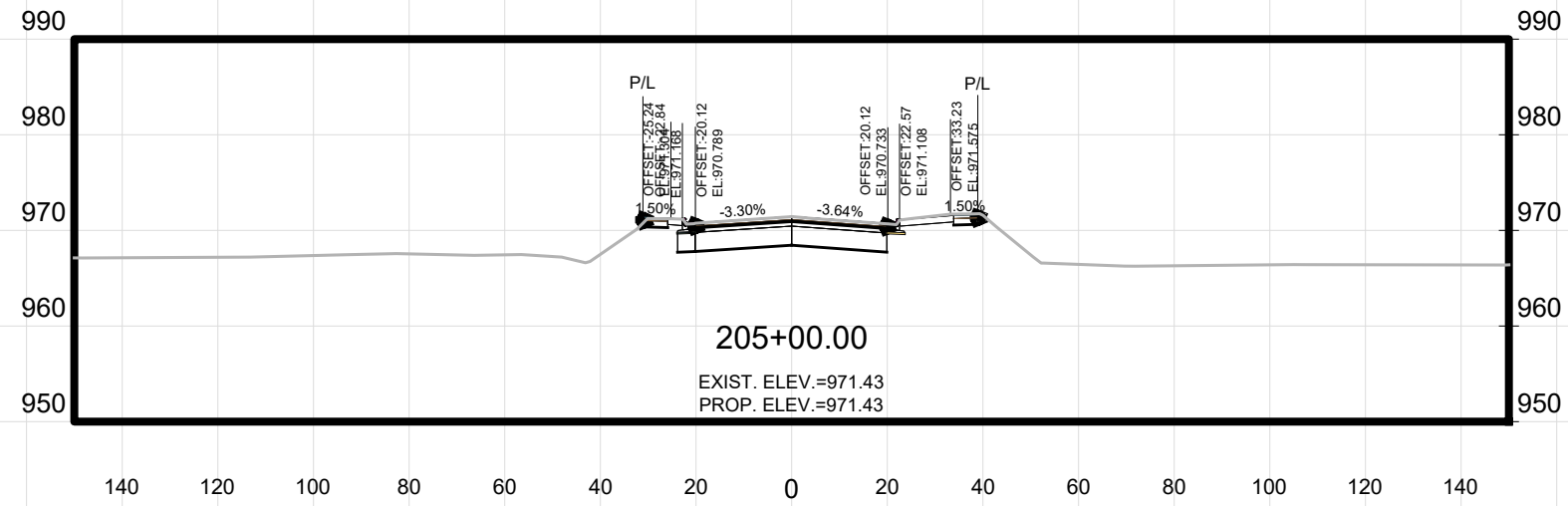
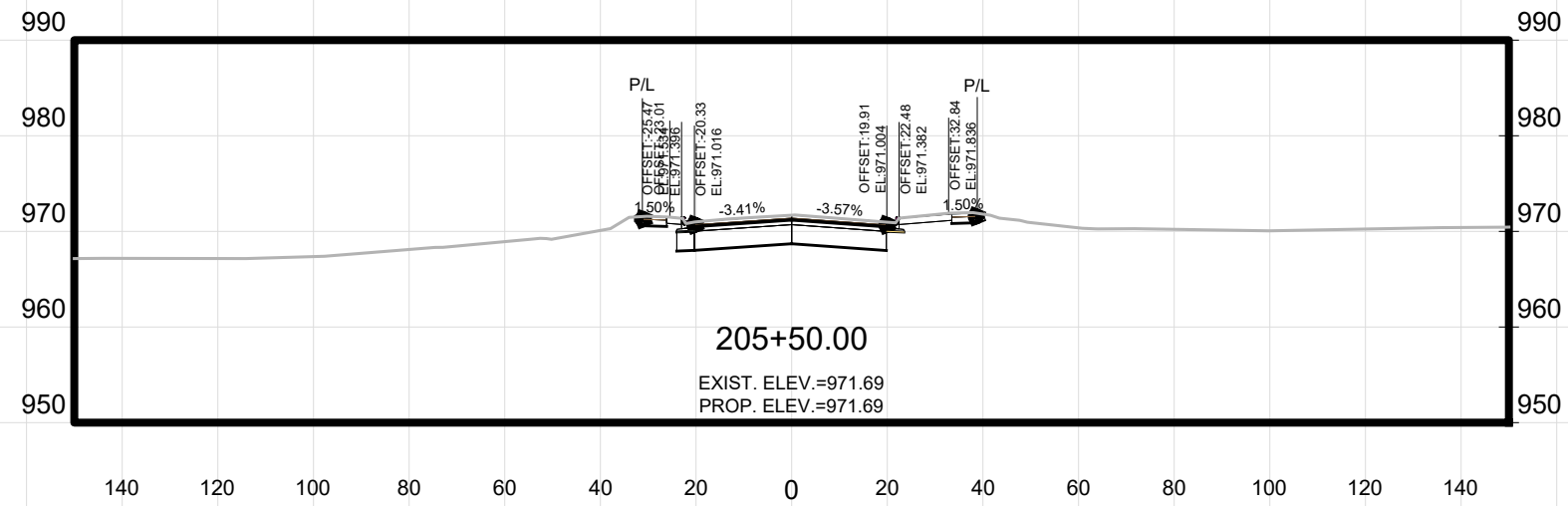
CROSS SECTIONS - FOURIER DR.

PHEASANT BRANCH GREENWAY ENHANCEMENT

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14370  
X26



MARK	REVISION	DATE	BY
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14370			X27

14370  
MADISON, WI  
9517

CONTRACT NO:

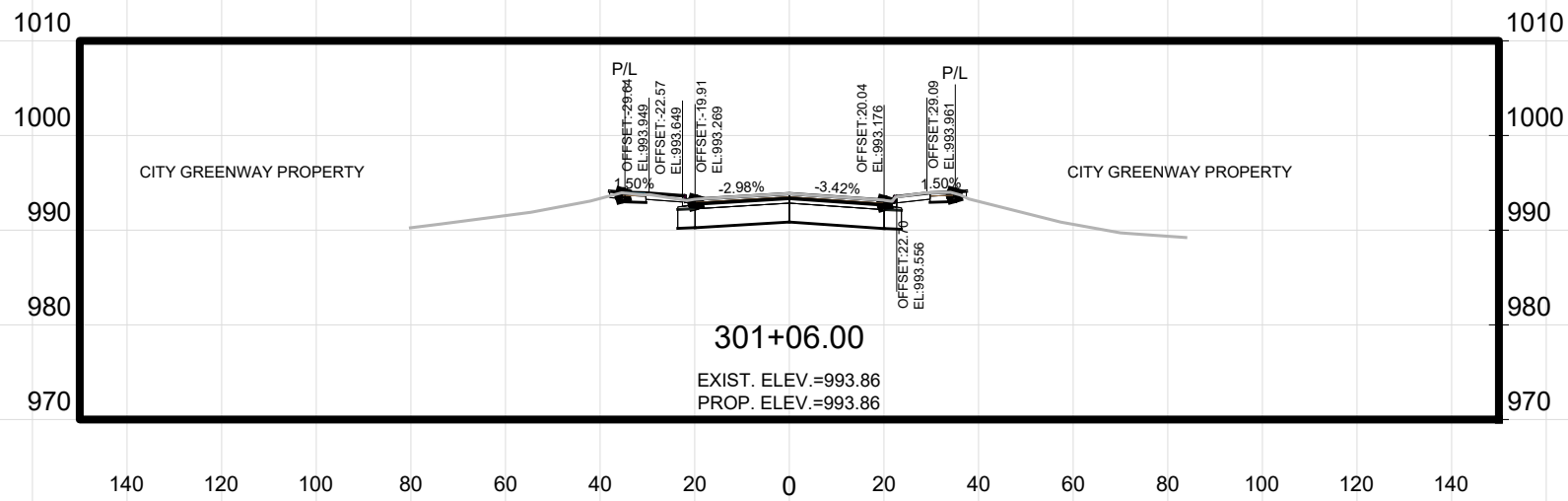
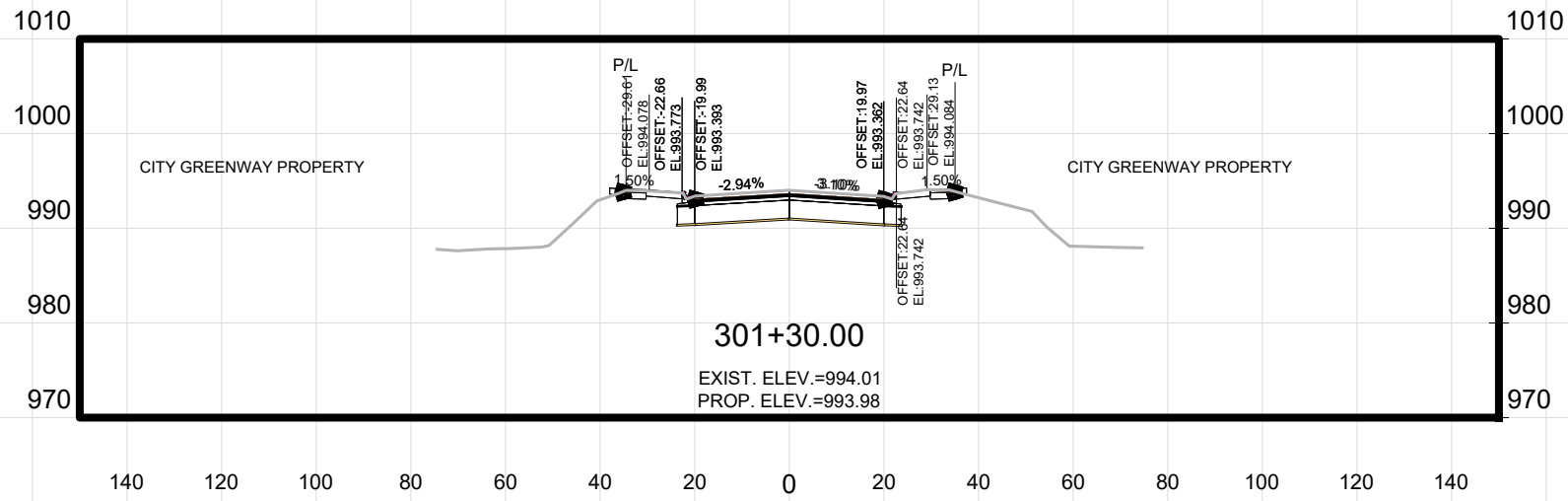
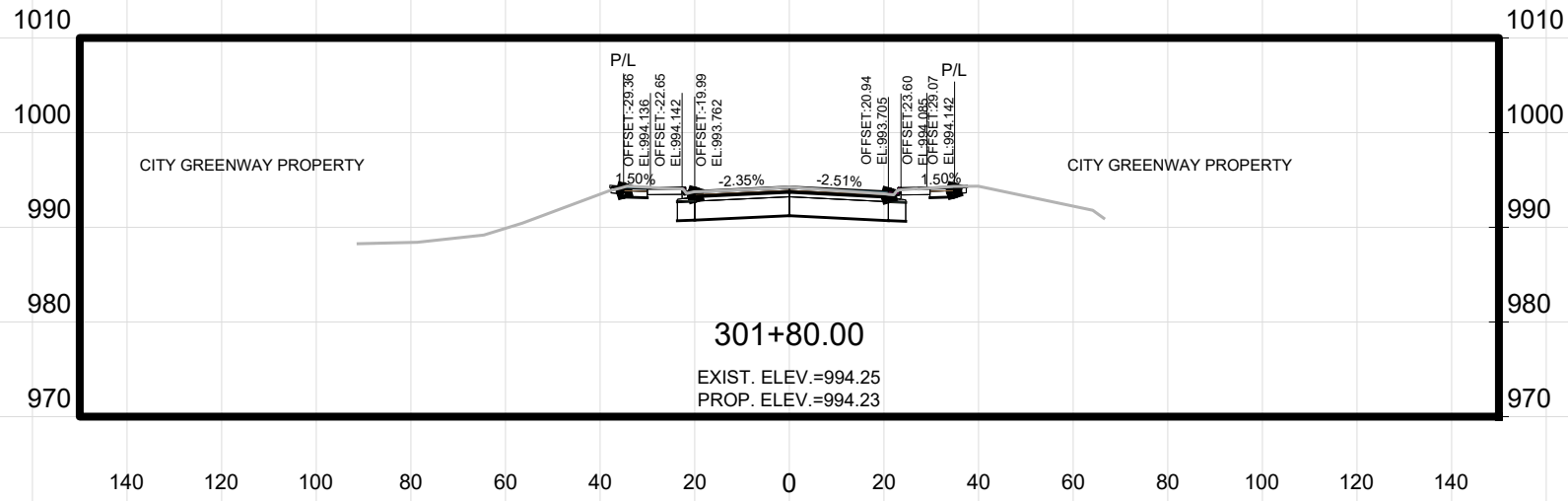
CROSS SECTIONS - FOURIER DR.

PHEASANT BRANCH GREENWAY ENHANCEMENT

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14370  
X27



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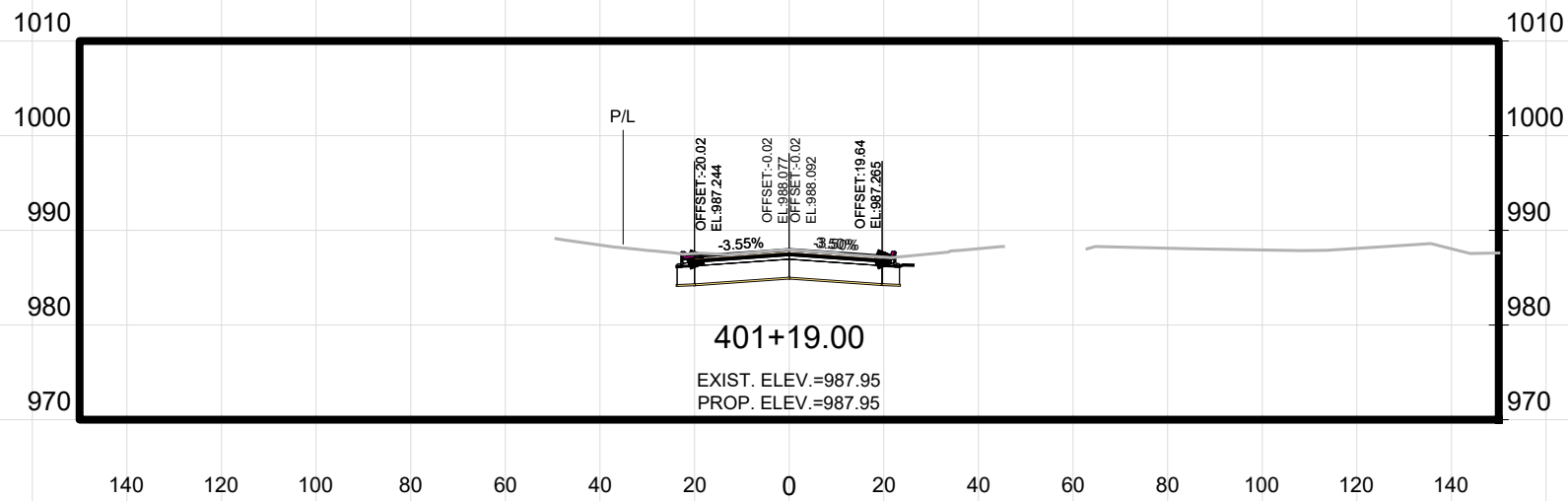
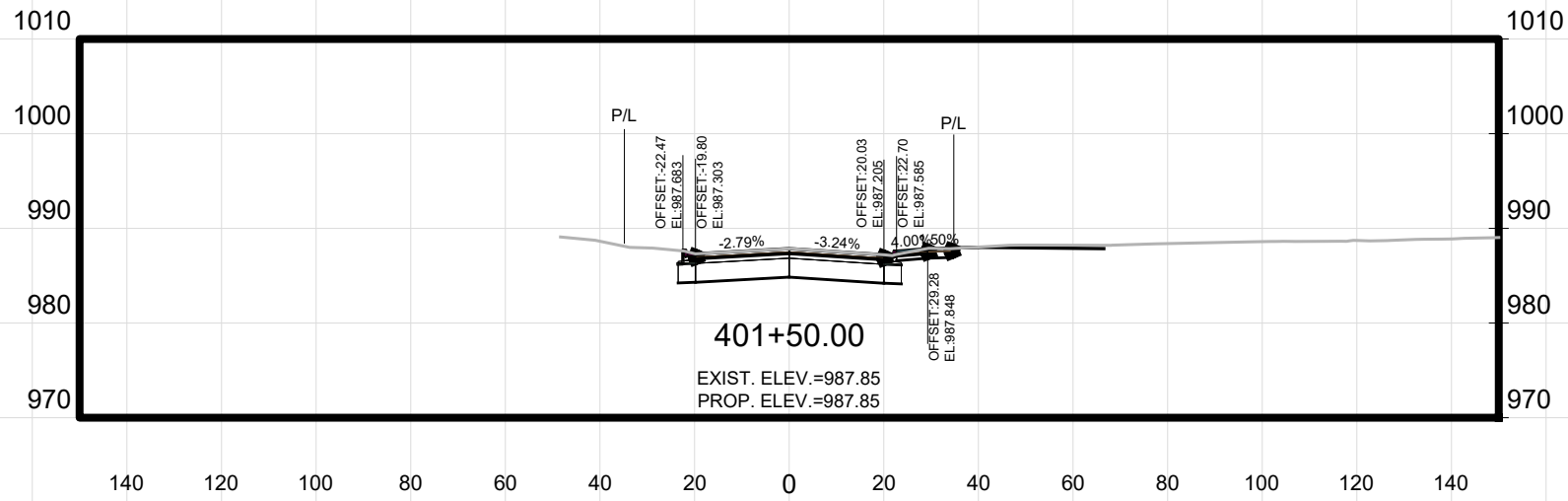
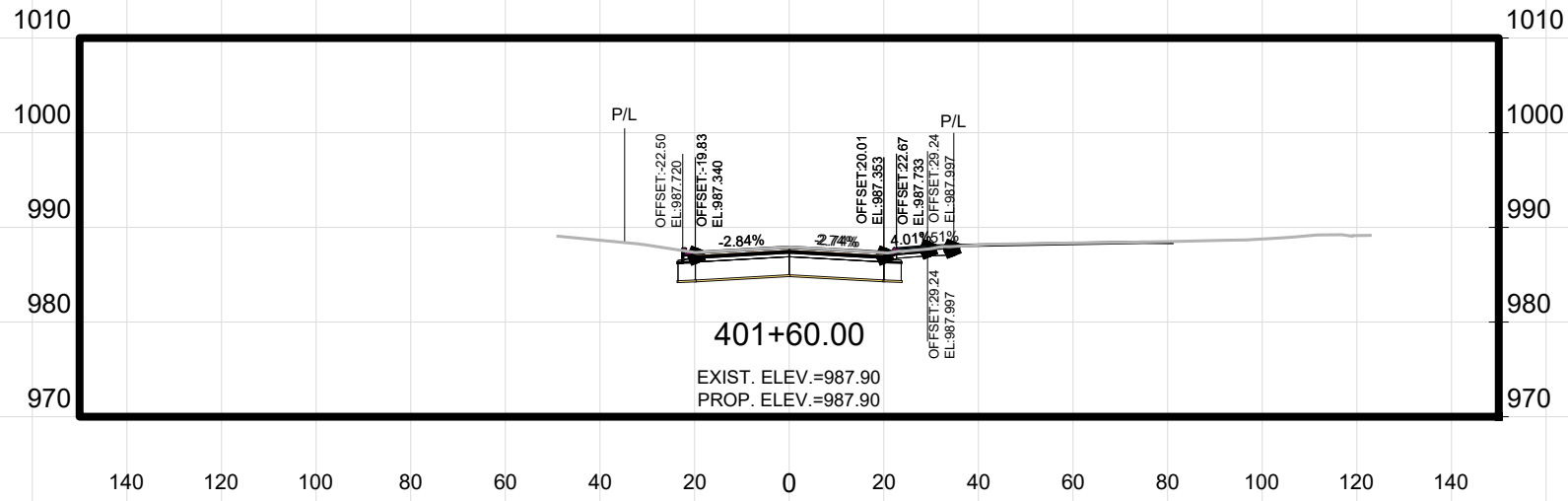
**14370**  
**MADISON, WI**  
**9517**  
**CONTRACT NO:**

CROSS SECTIONS - DEMING WAY-SOUTH  
 PHEASANT BRANCH GREENWAY ENHANCEMENT

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**14370**  
**X28**

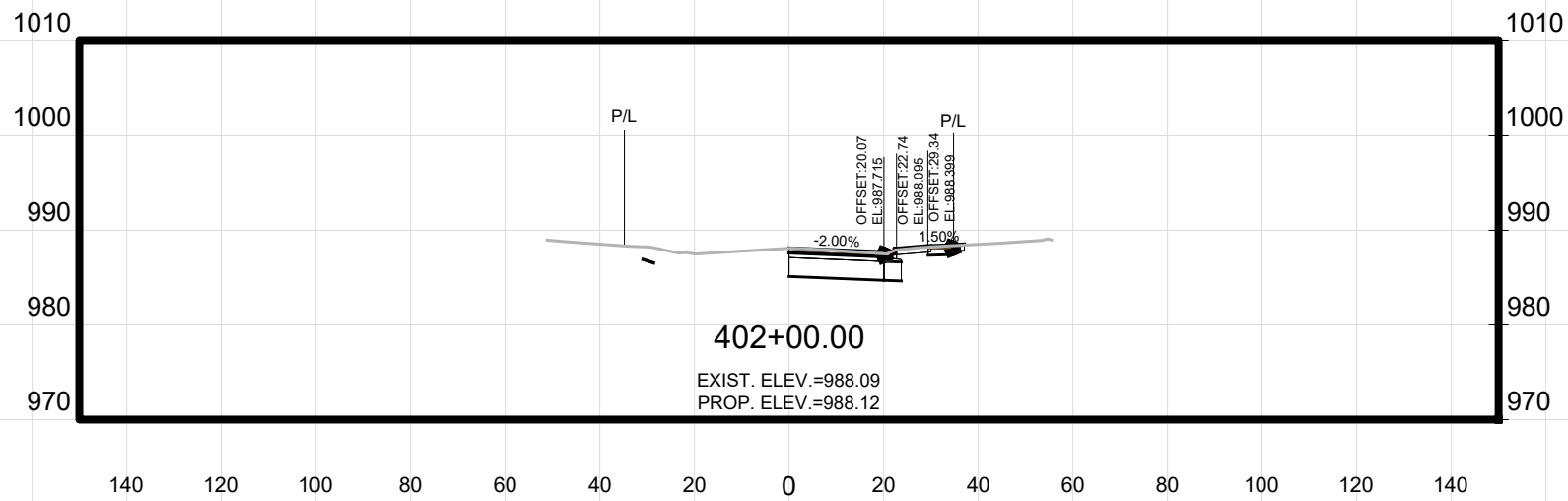
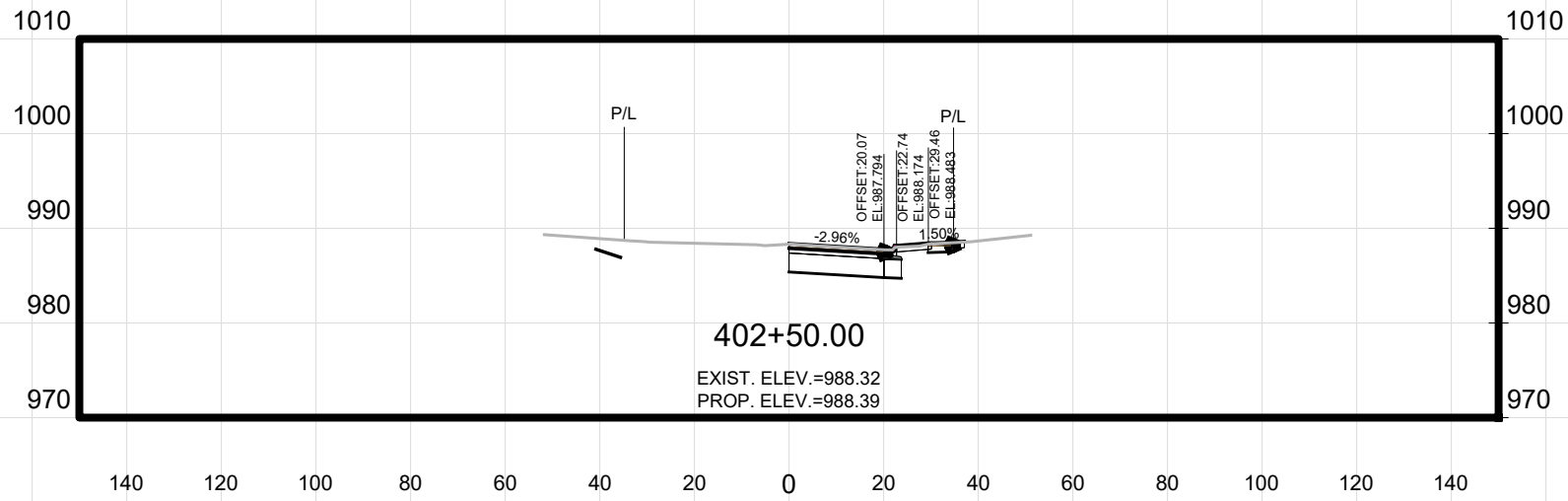
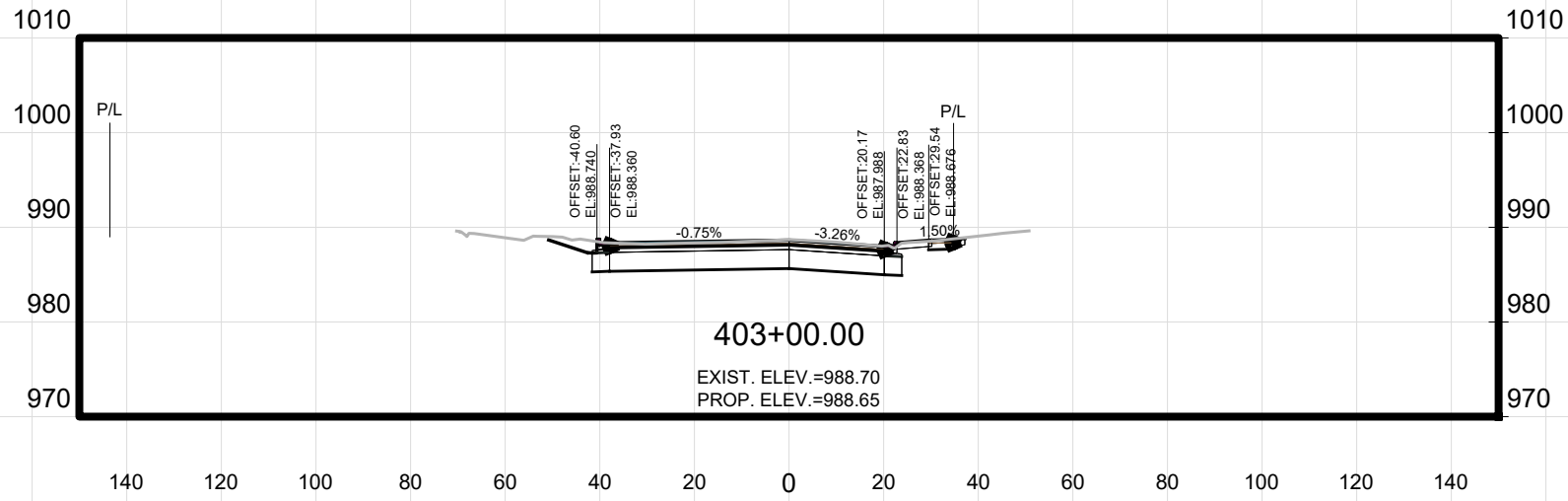


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CROSS SECTIONS - DEMING WAY AT BLACKHAWK  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 14370  
 MADISON, WI  
 9517  
 CONTRACT NO:  
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14370  
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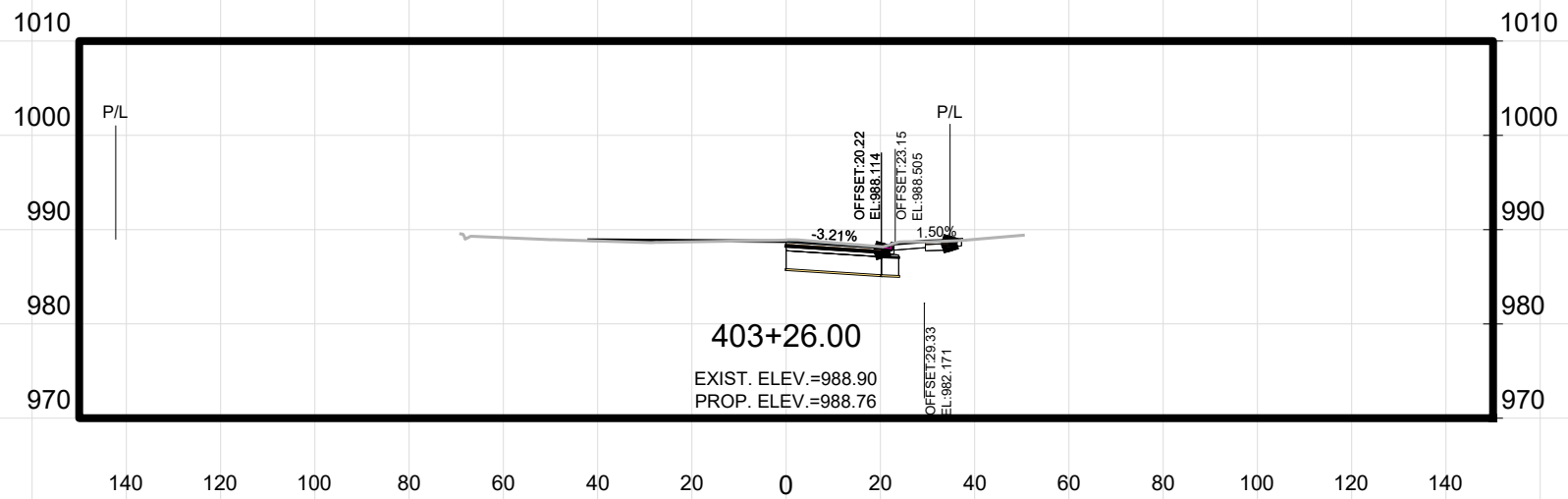
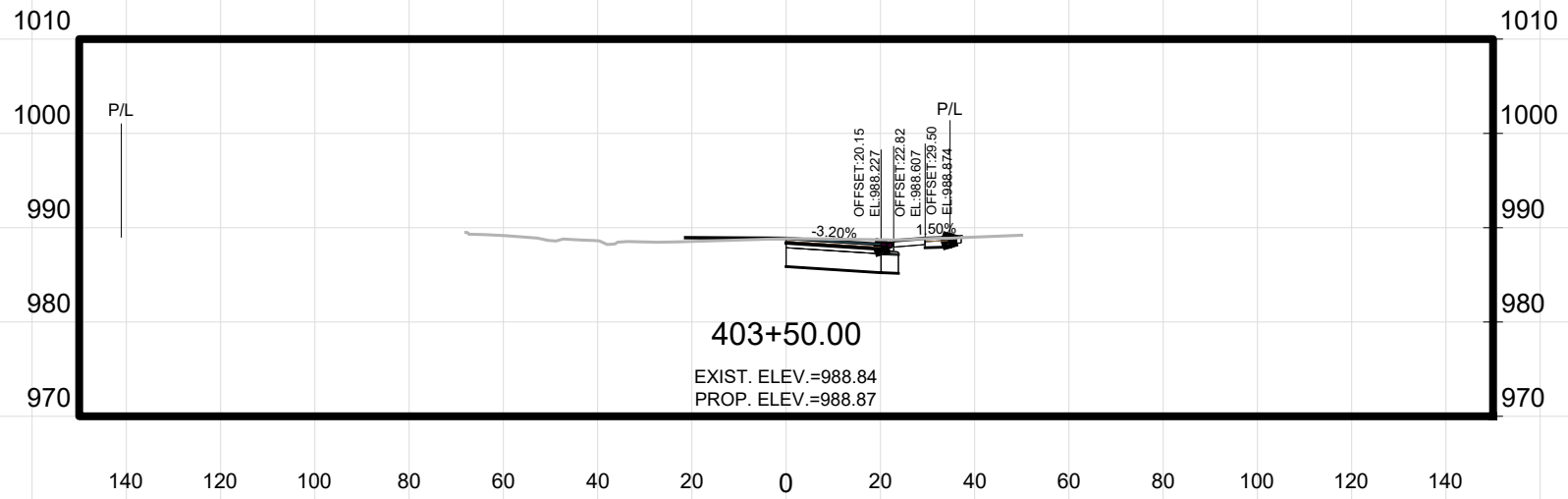
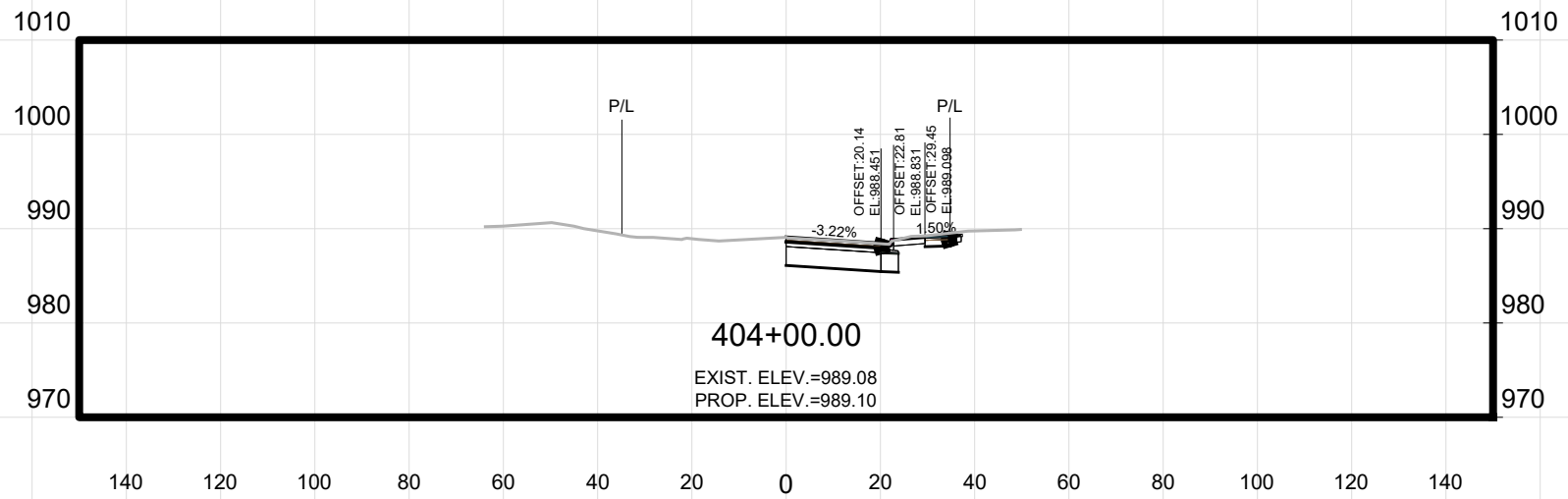
14370  
 MADISON, WI  
 9517

CONTRACT NO:

CROSS SECTIONS - DEMING WAY AT BLACKHAWK  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
 X30



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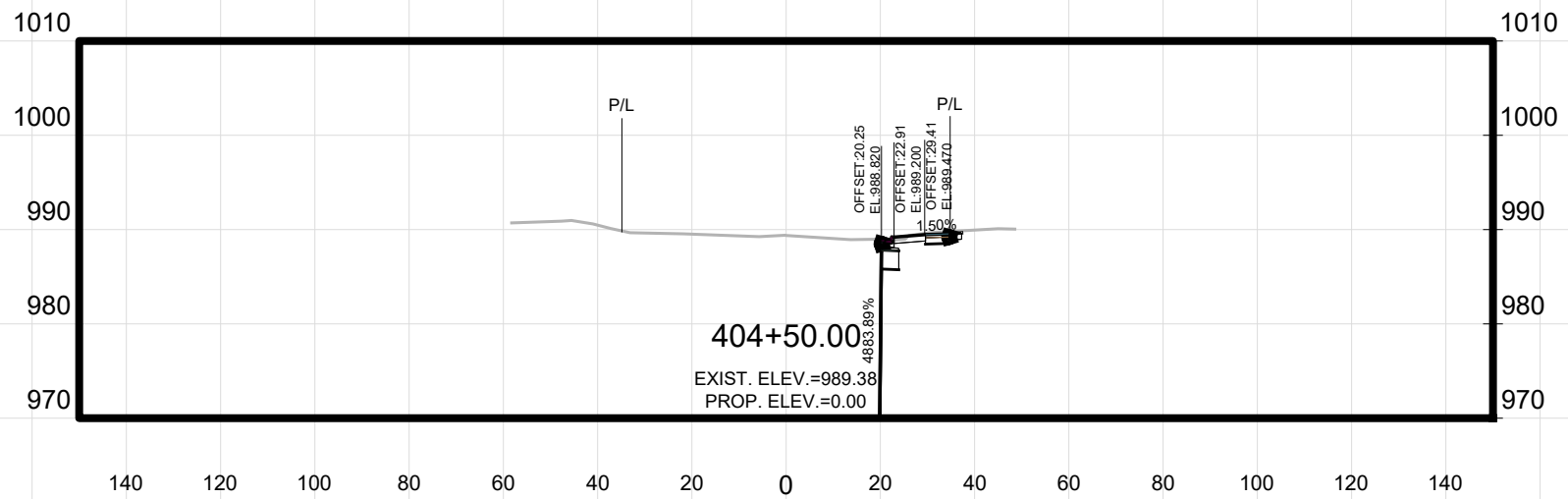
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 MADISON, WI  
 9517

CONTRACT NO:  
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CROSS SECTIONS - DEMING WAY AT BLACKHAWK  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
 X31

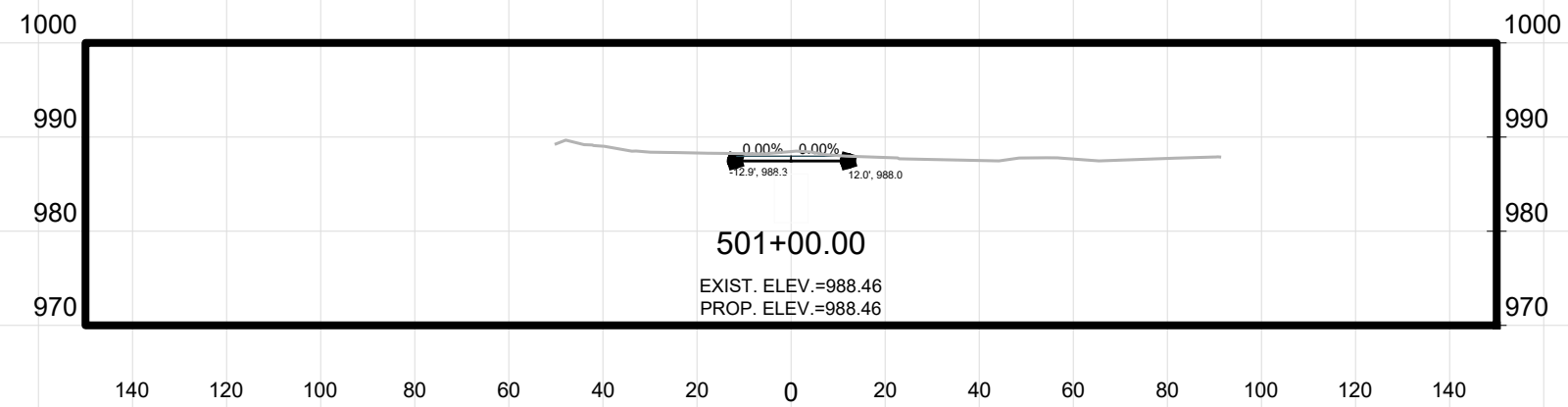
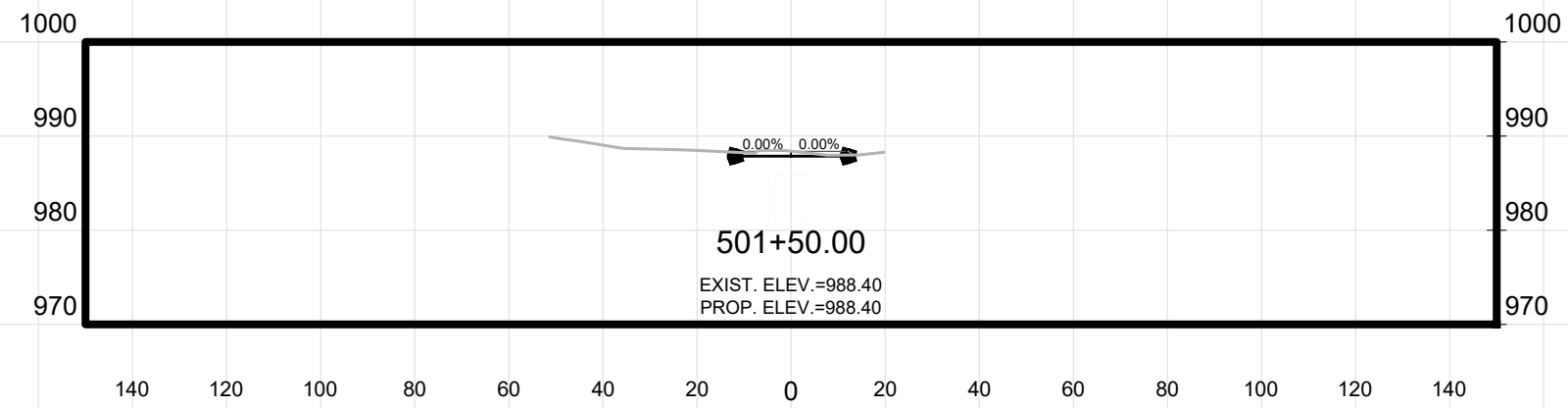
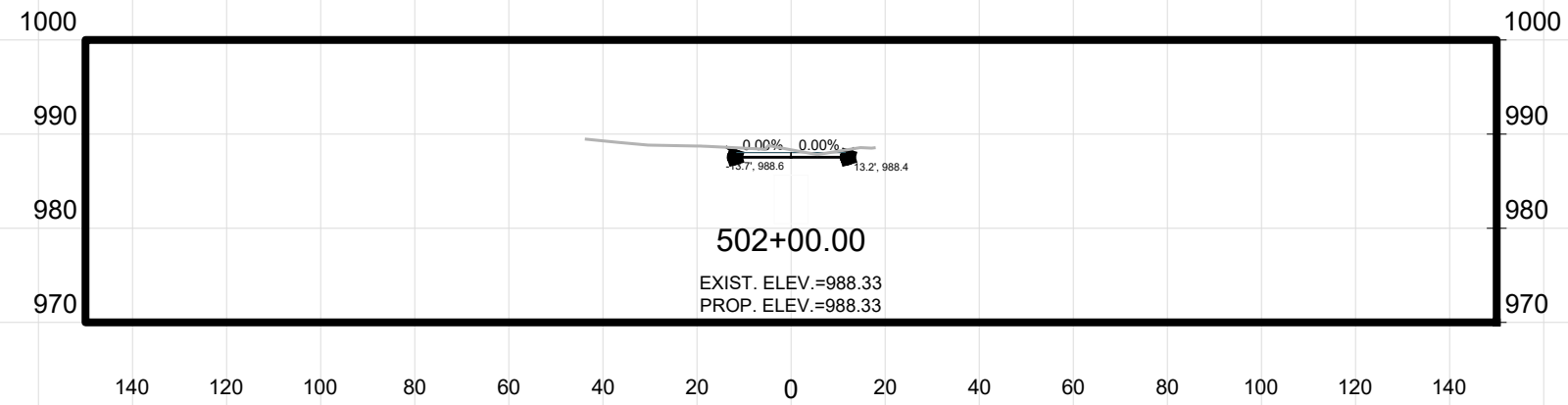


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 CROSS SECTIONS - DEMING WAY AT BLACKHAWK  
 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517  
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14370  
 X32



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14370  
MADISON, WI  
9517  
CONTRACT NO:

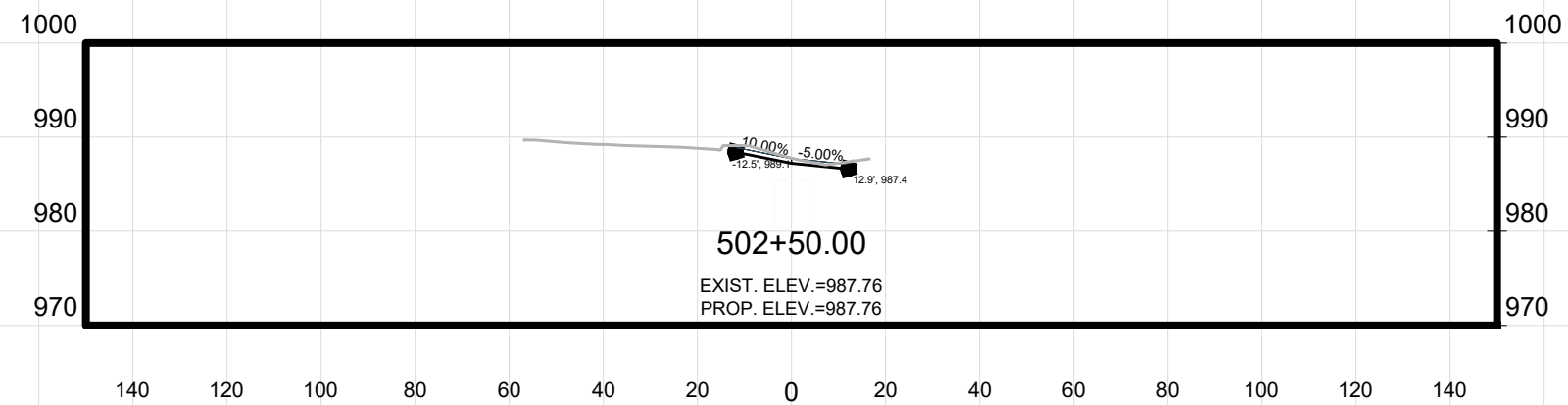
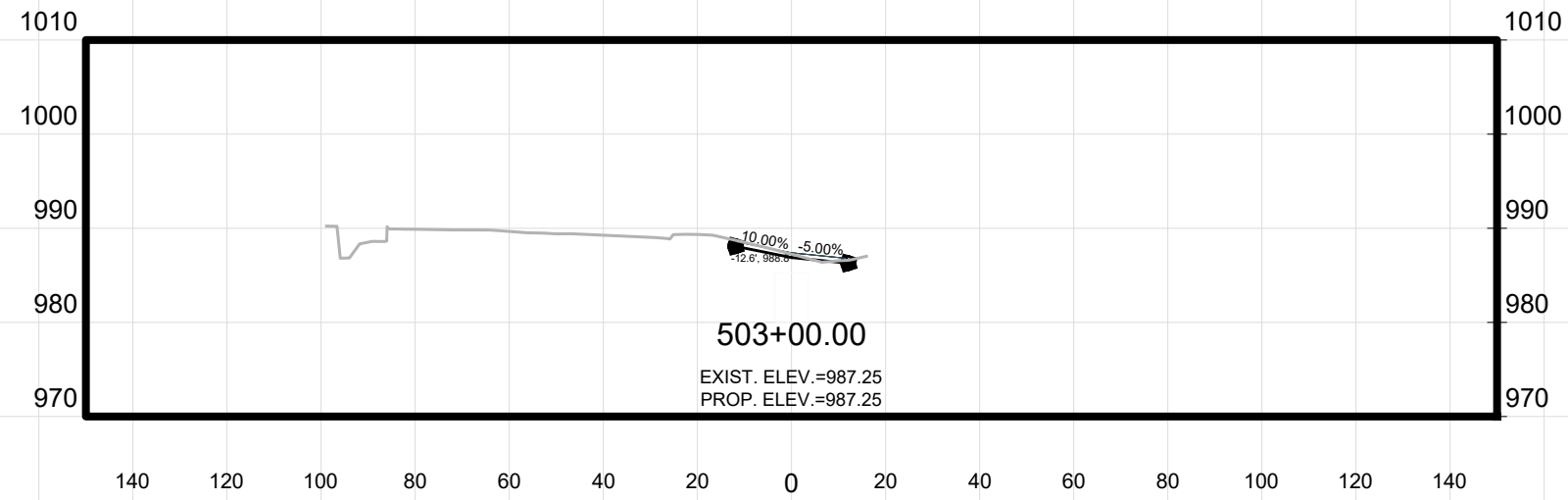
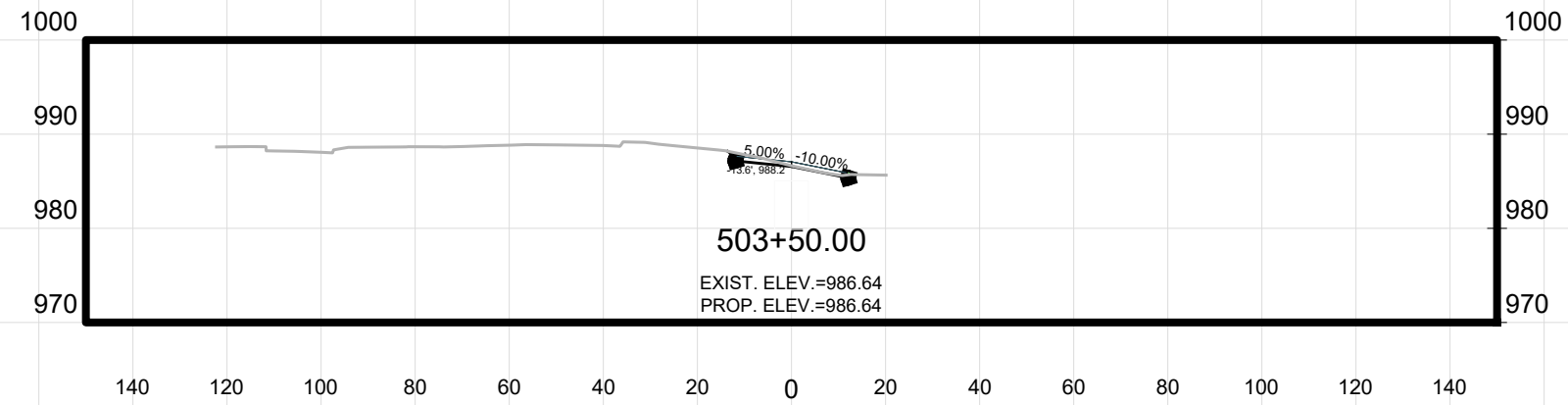
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PHEASANT BRANCH GREENWAY ENHANCEMENT

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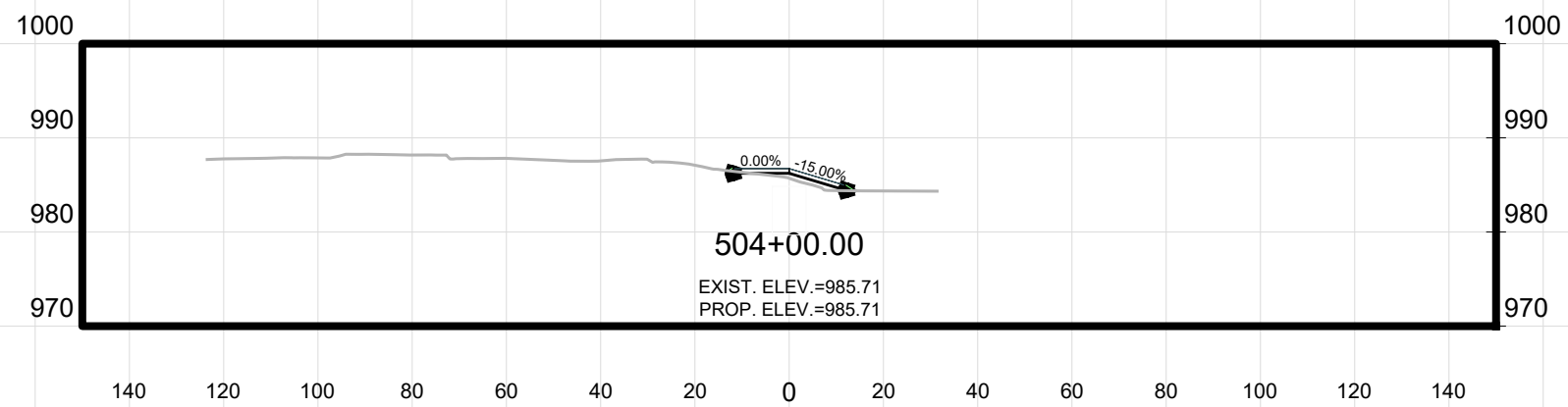
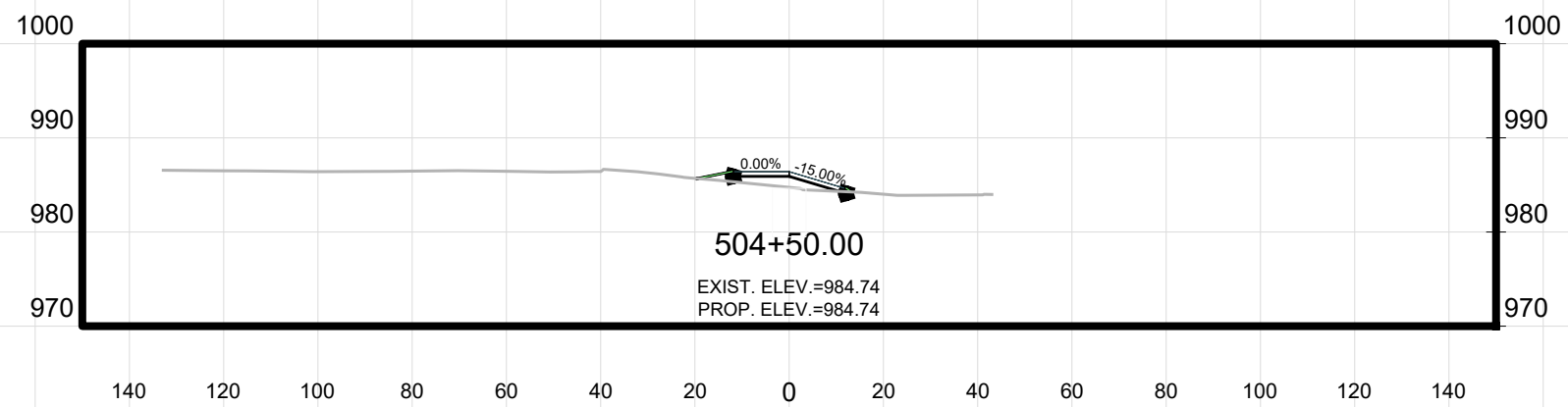


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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



14370  
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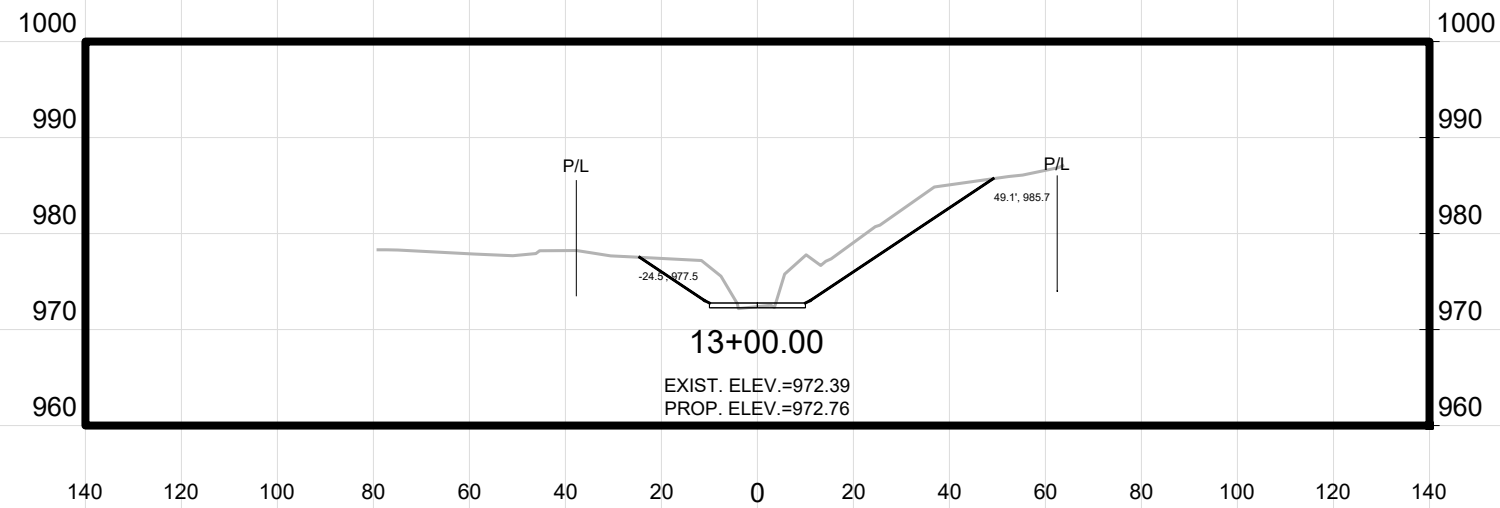
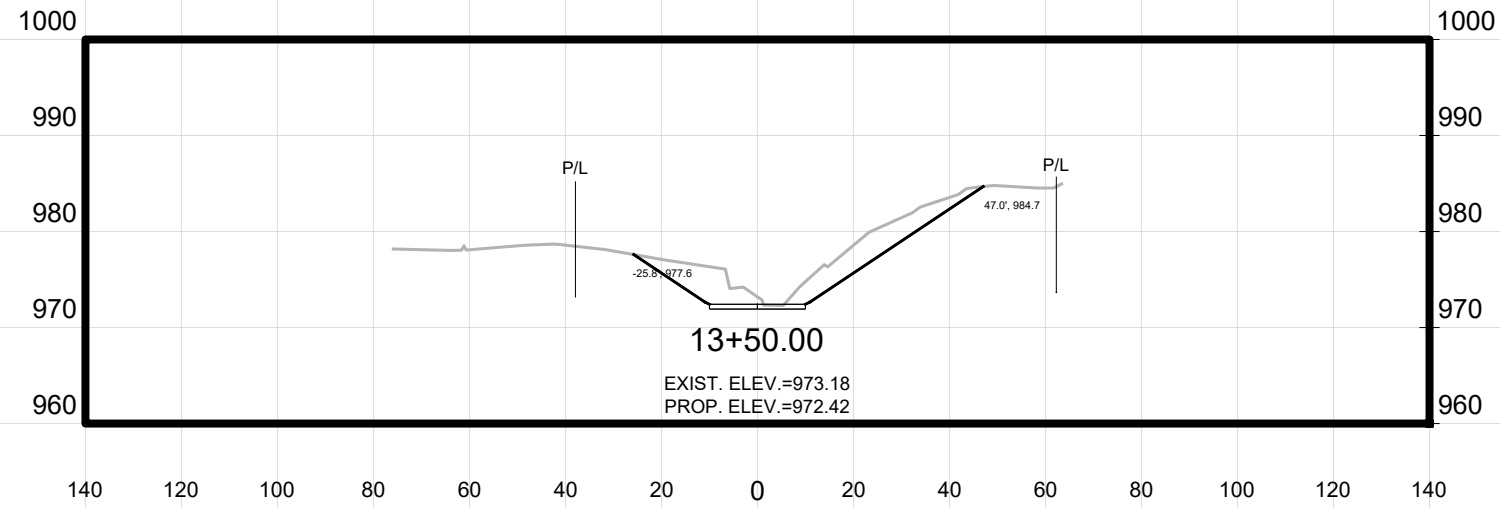
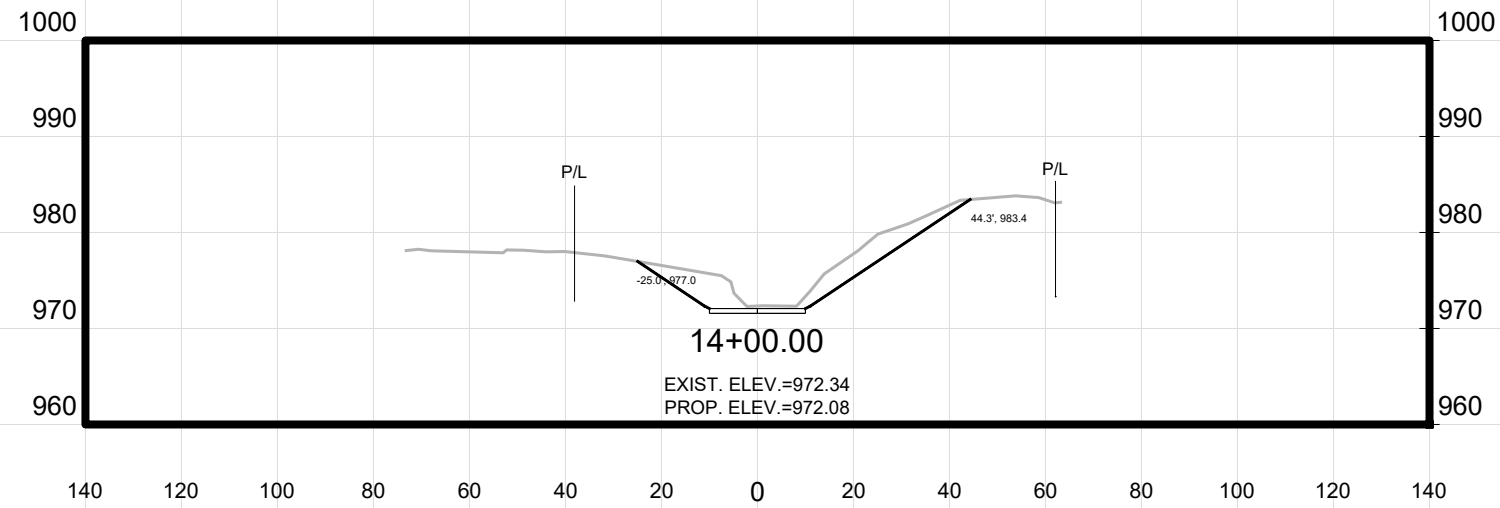


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 MADISON, WI  
 9517  
 CONTRACT NO:  
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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
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14370  
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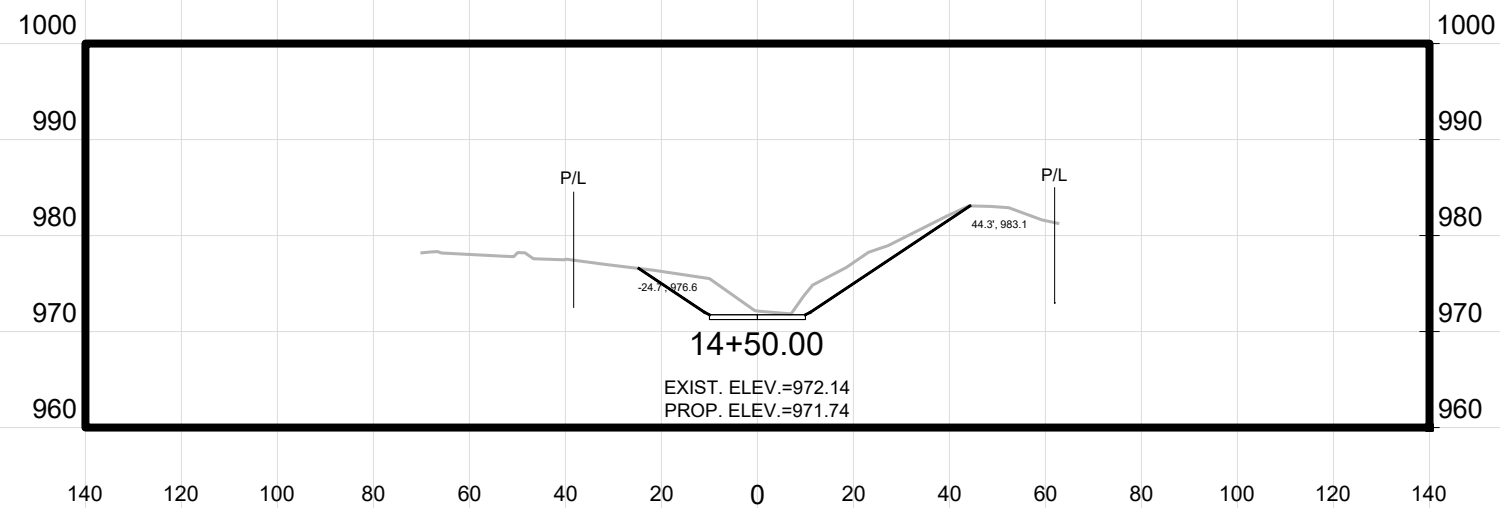
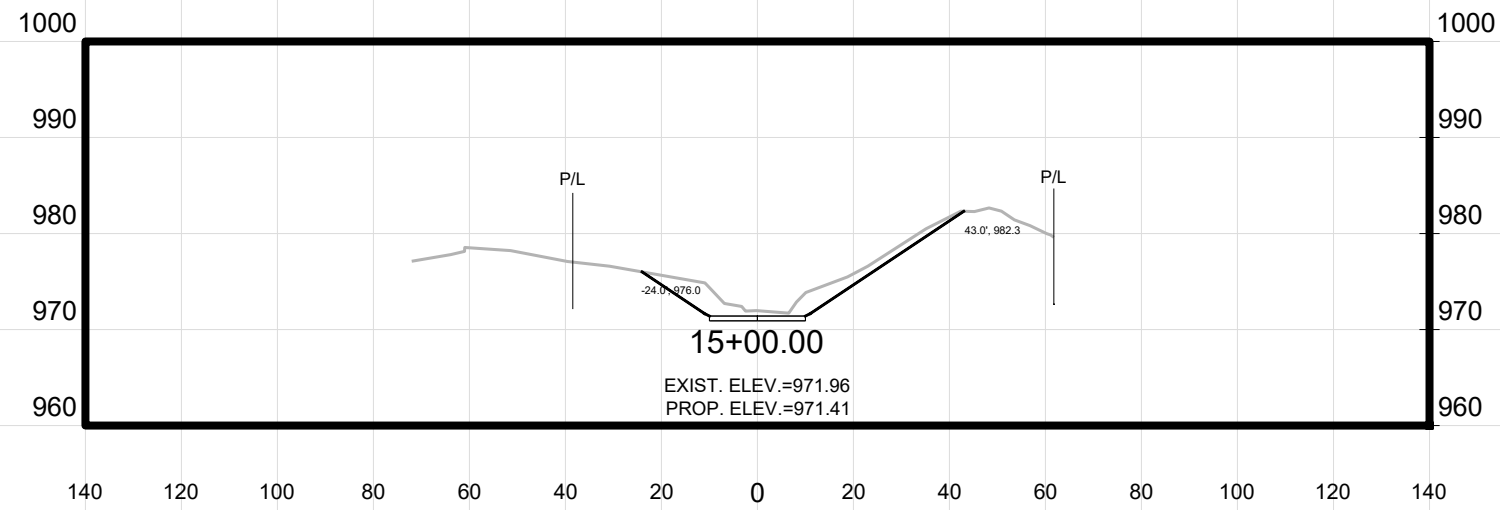
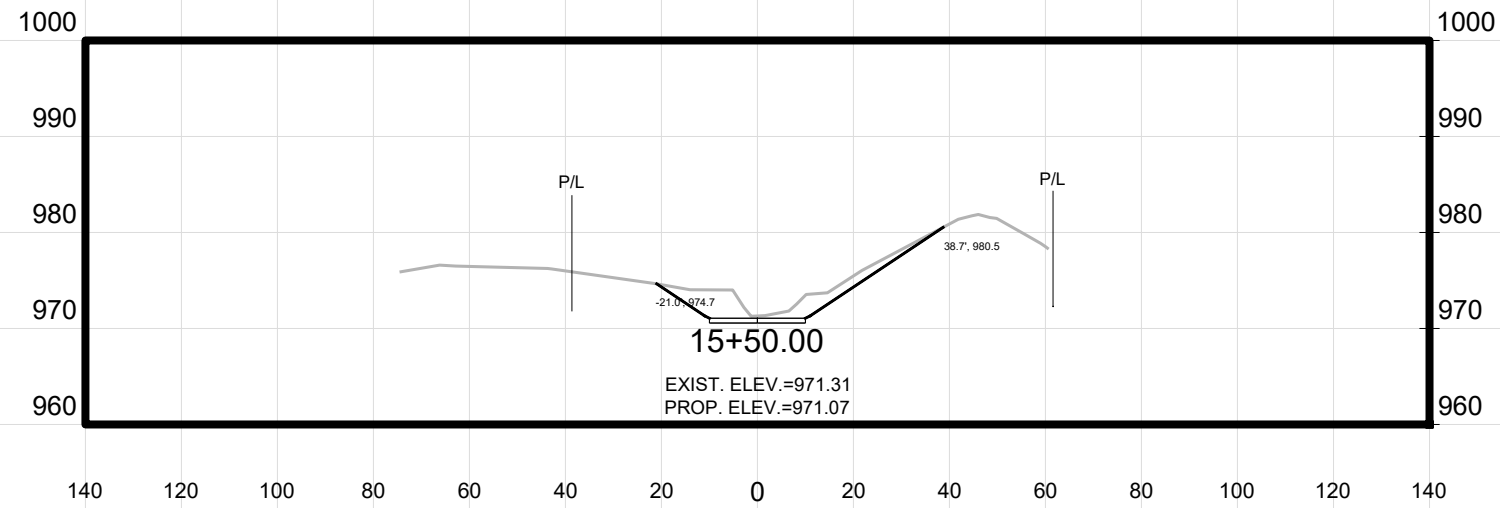
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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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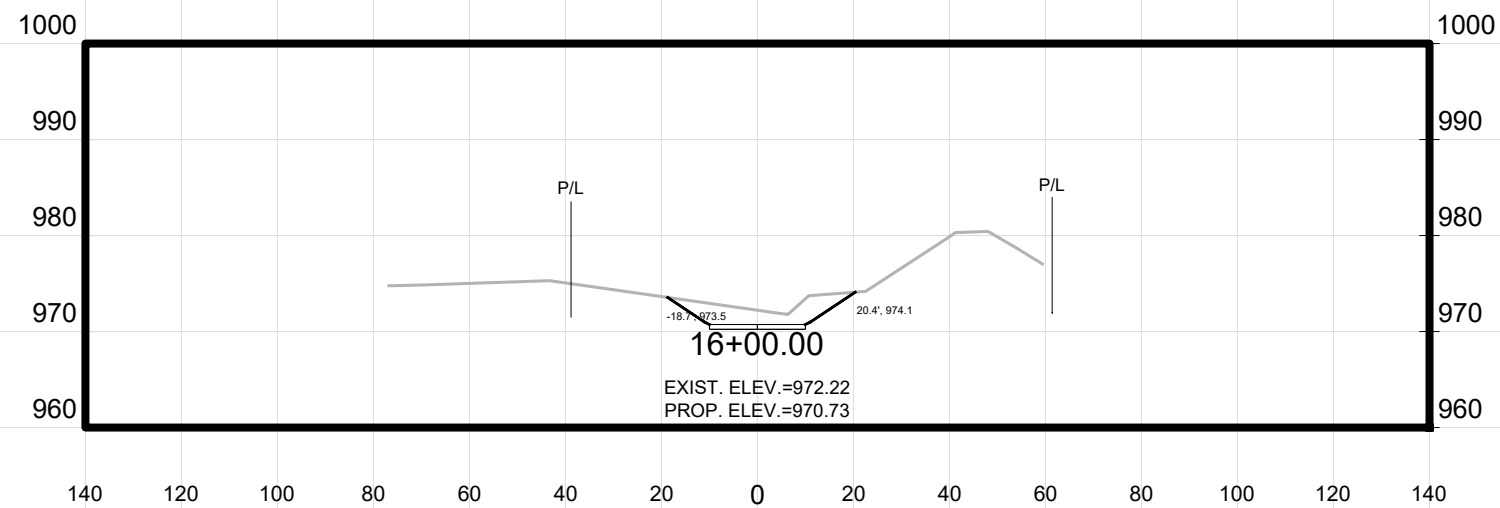
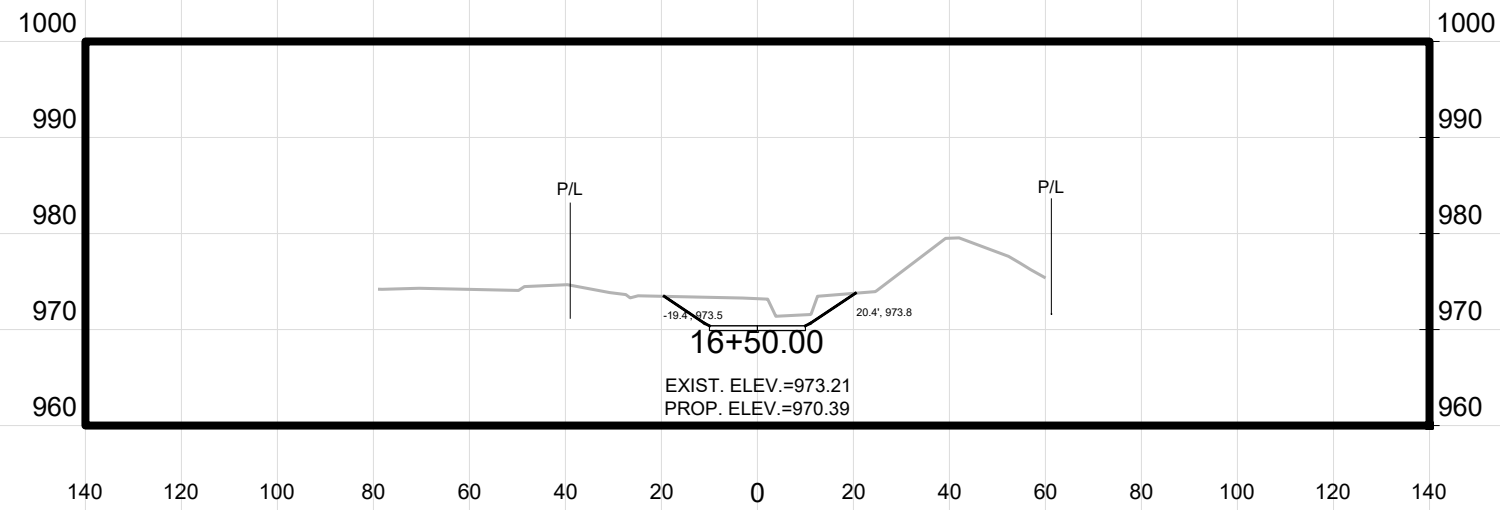
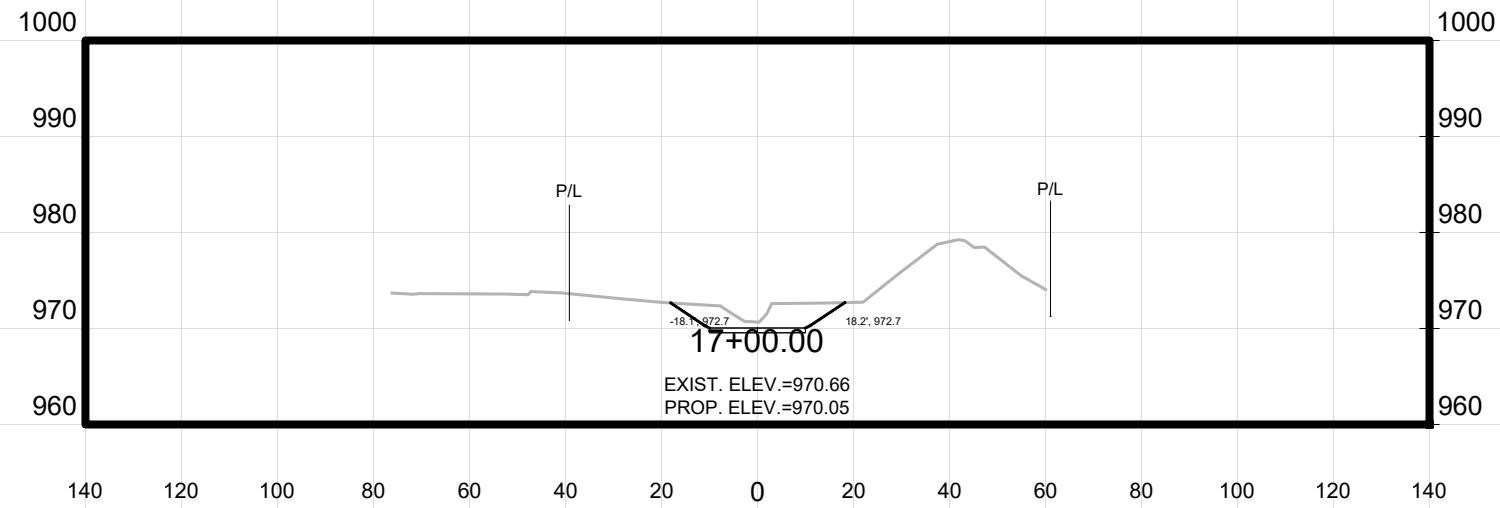


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14370  
 EAST CHANNEL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO.: 9517



14370  
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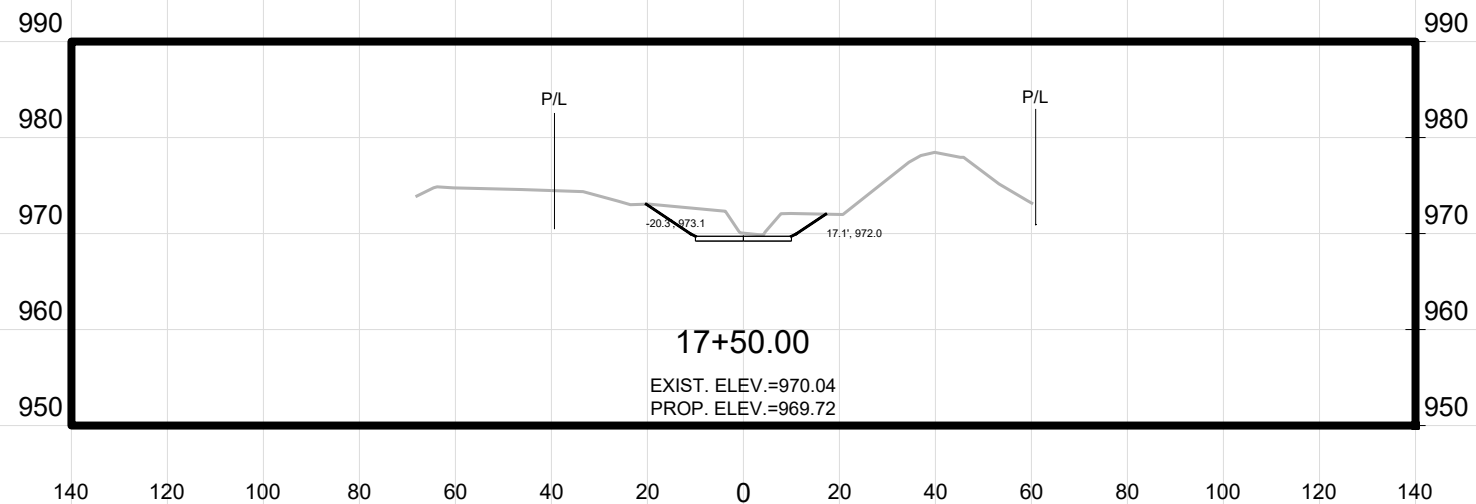
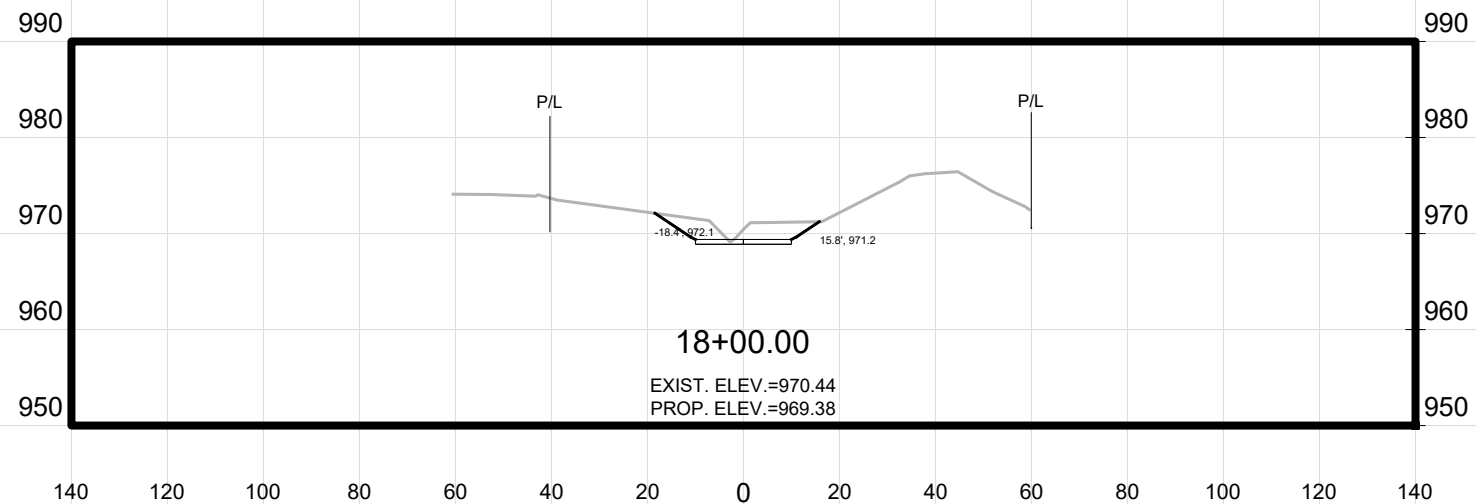
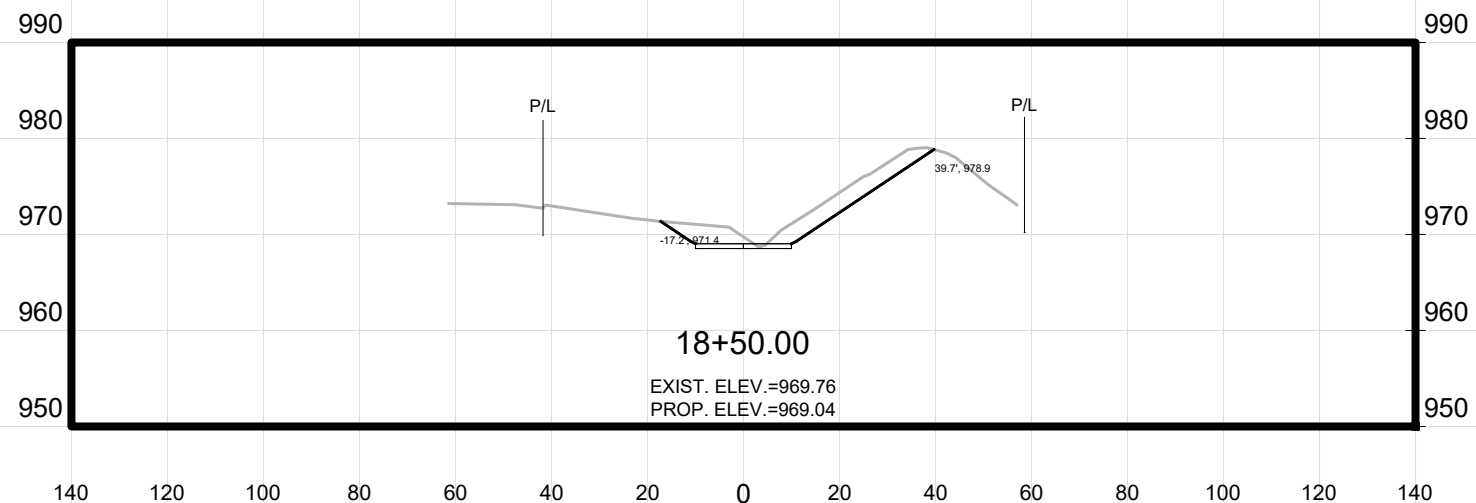


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MADISON, WI  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO: 9517



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X37

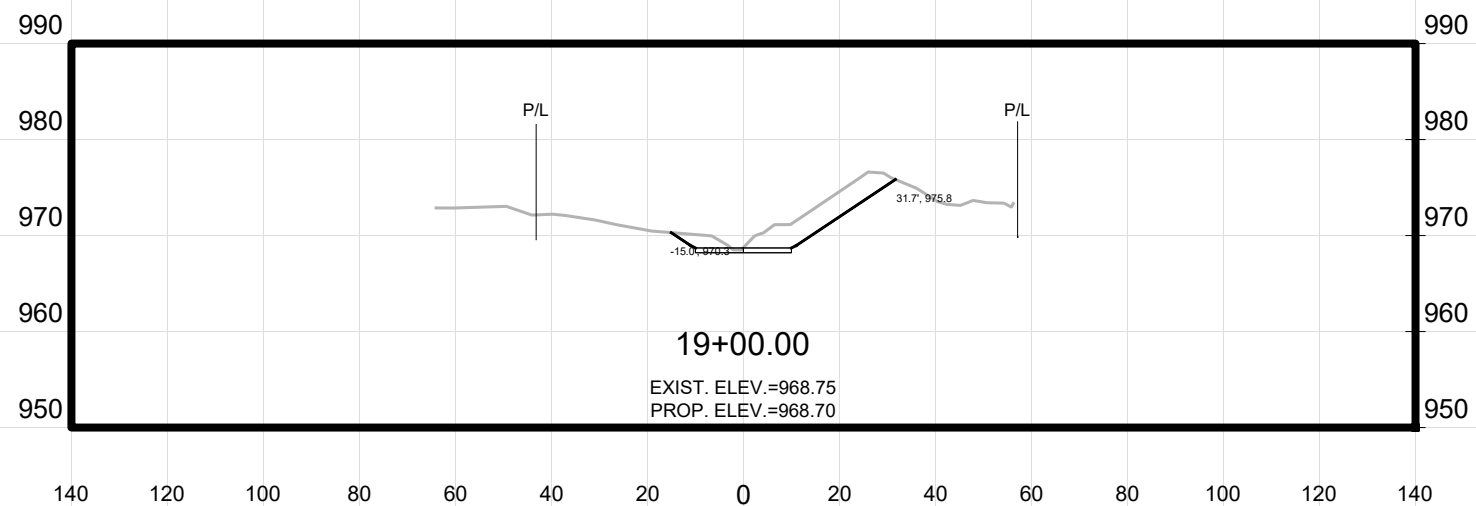
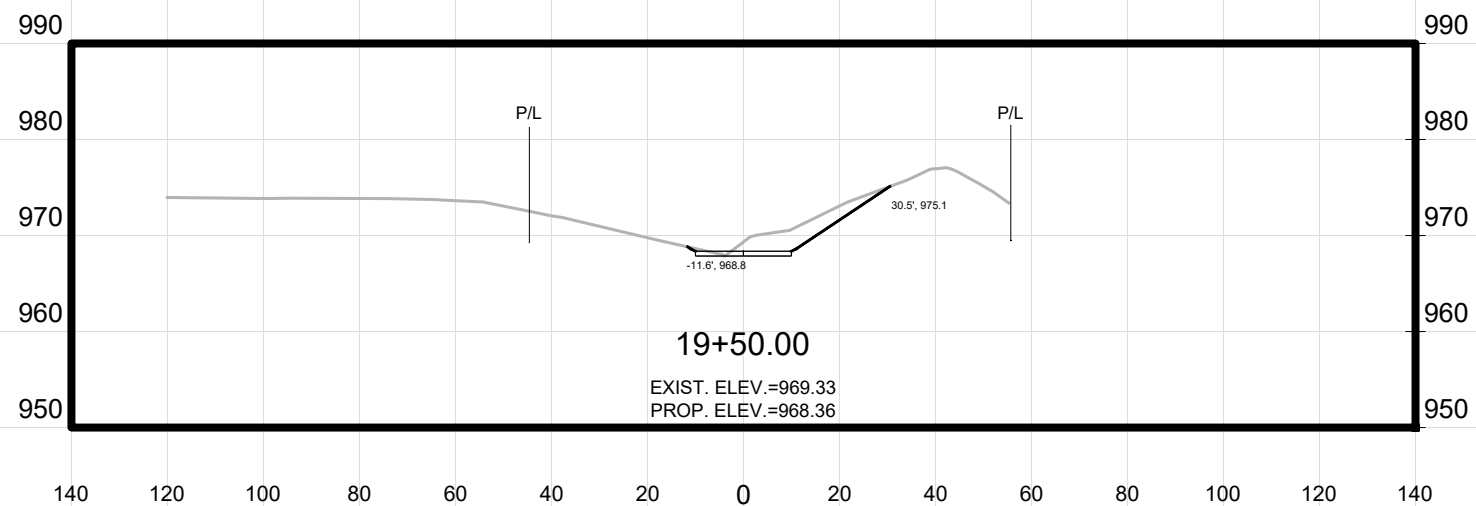
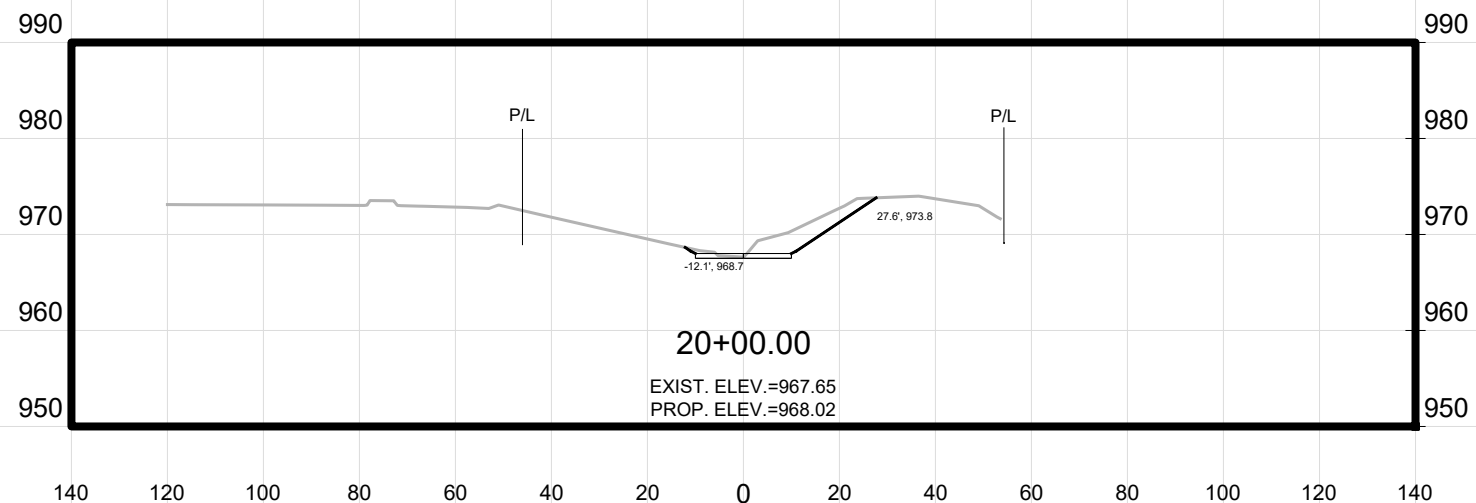


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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO: 9517



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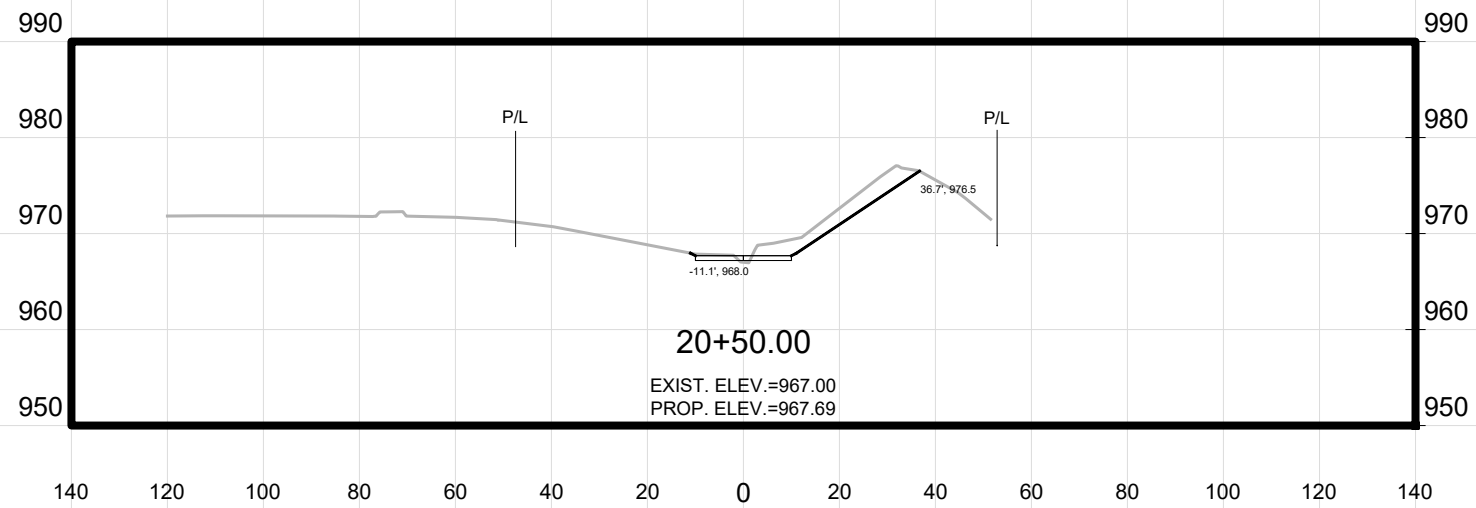
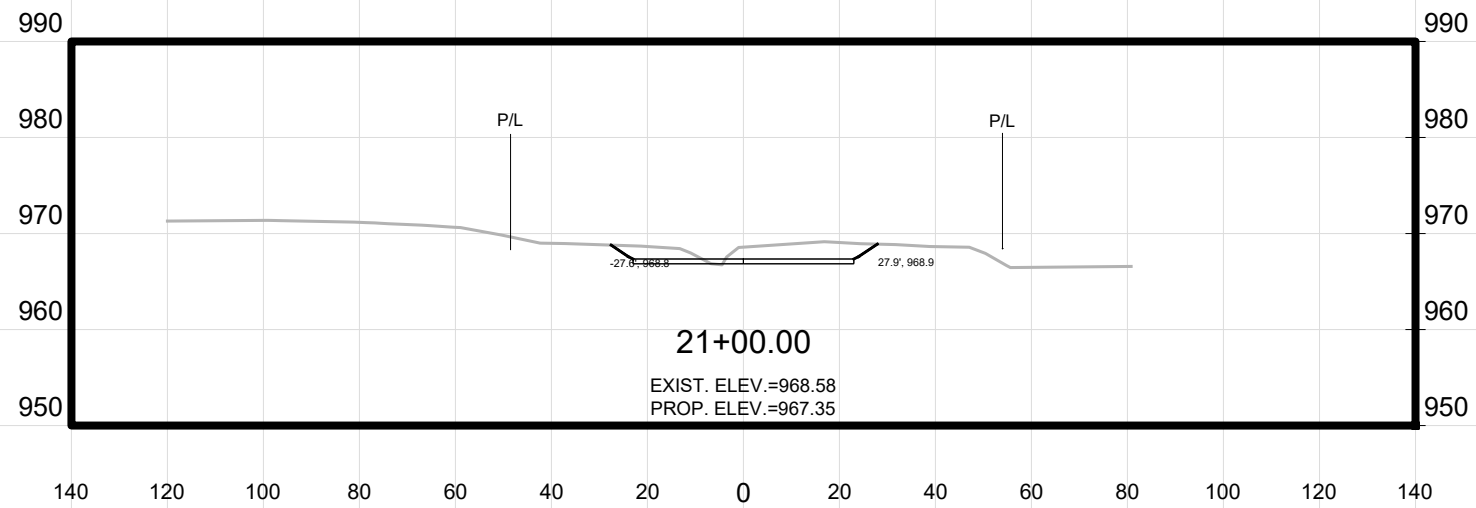
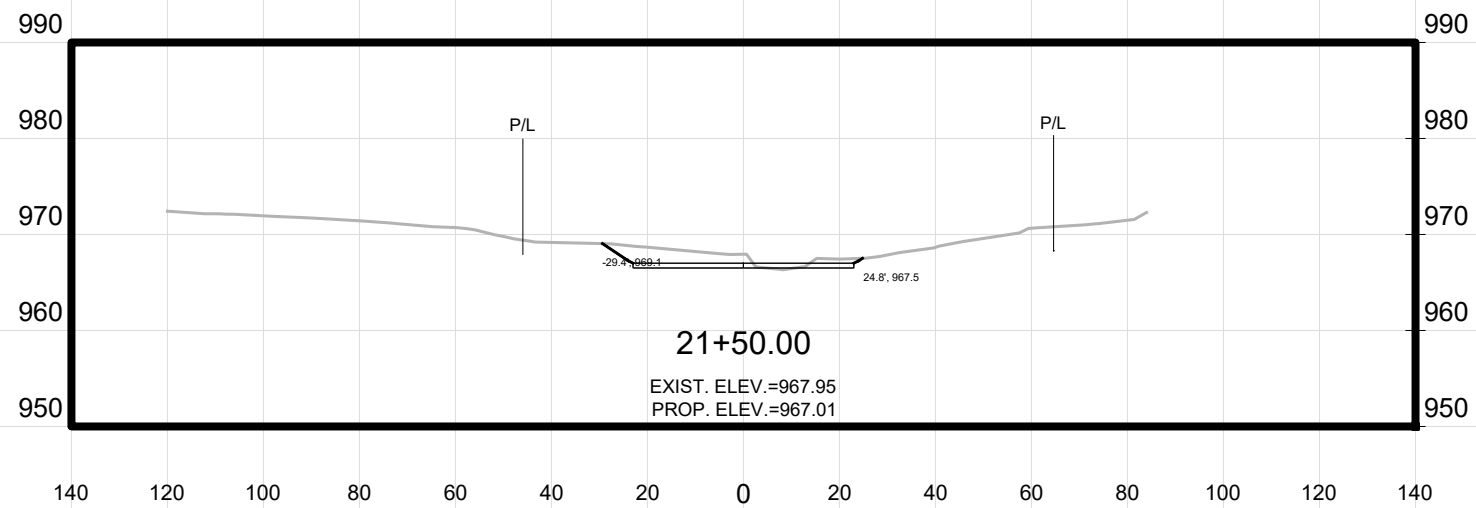


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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



14370  
 X39



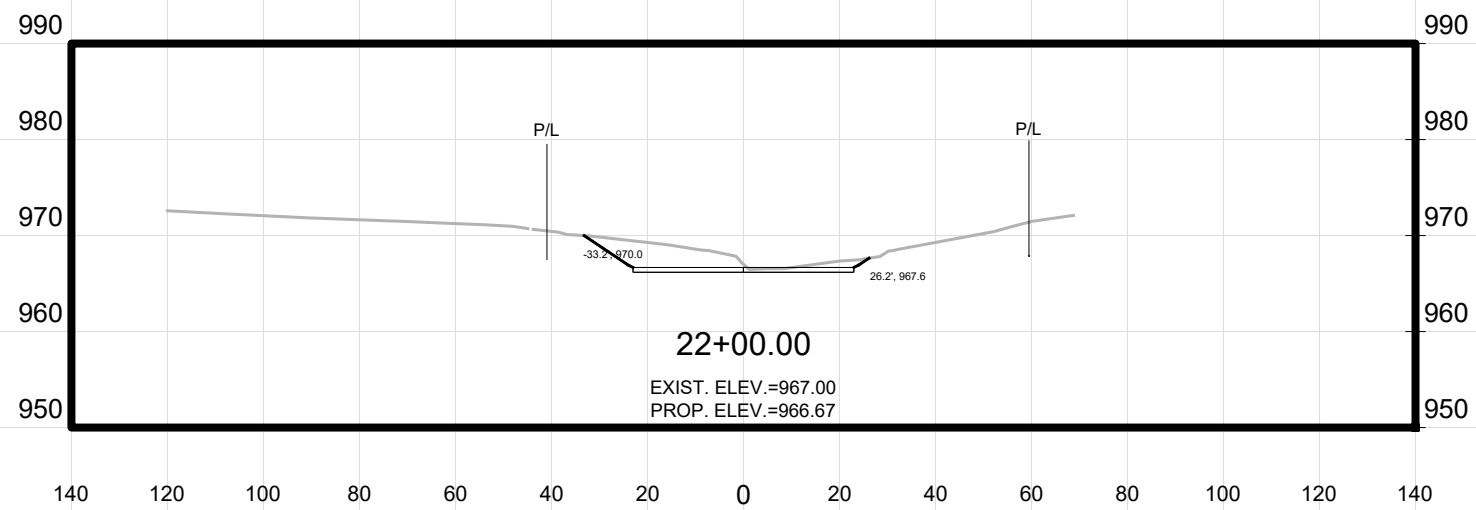
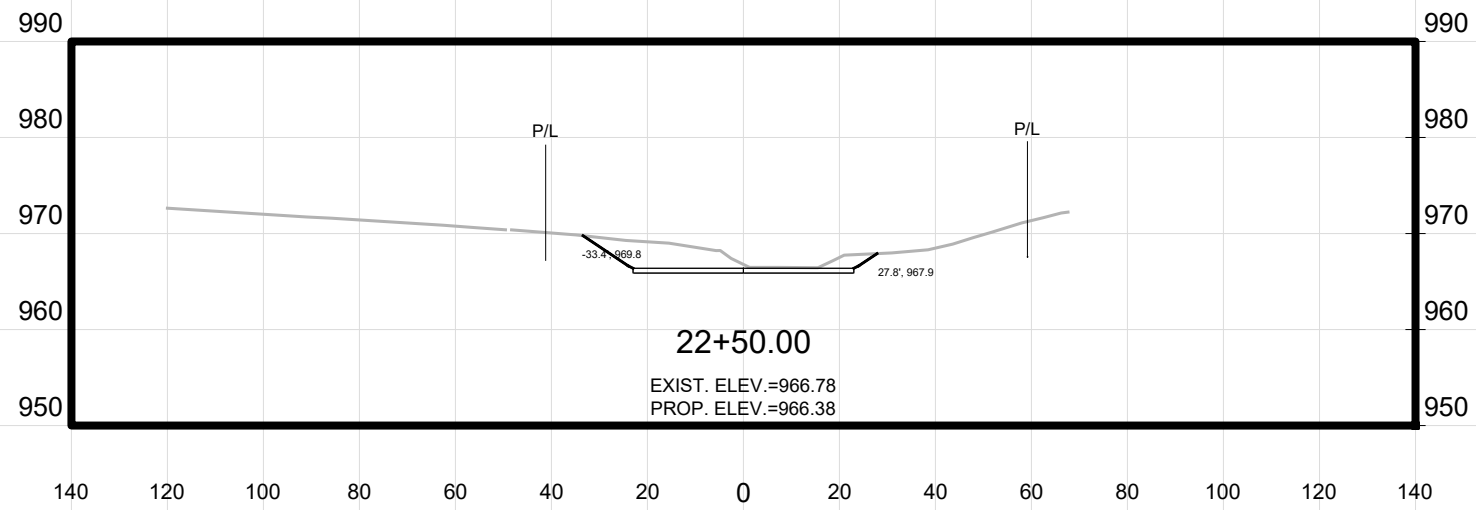
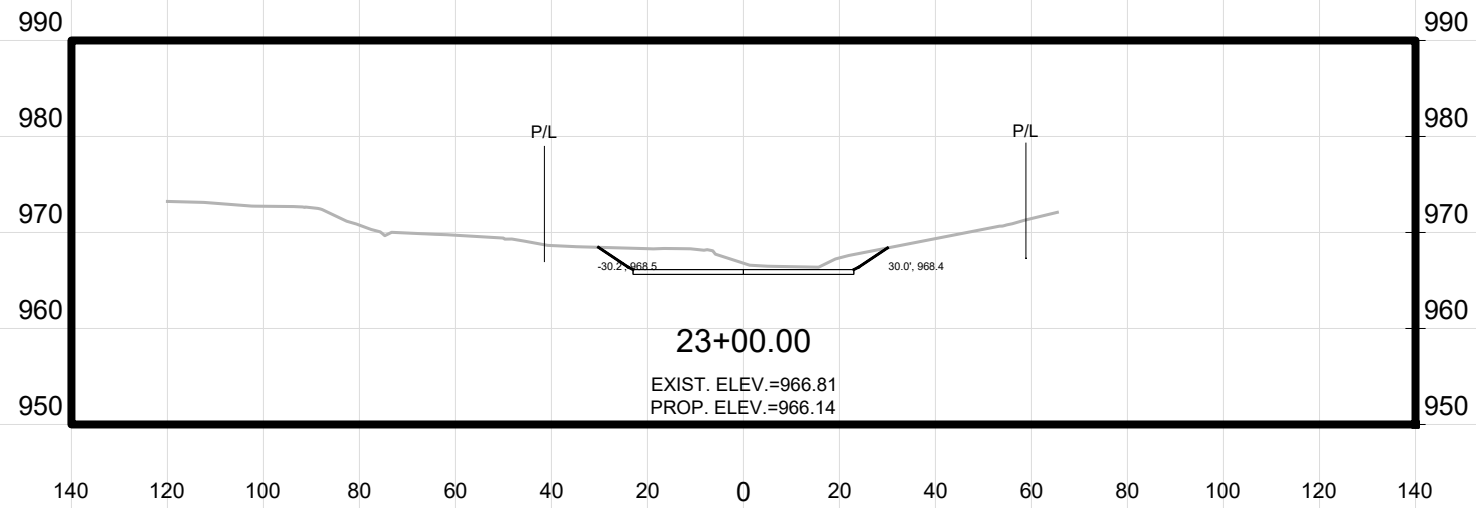
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Date: 10/16/2024			X40

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 EAST CHANNEL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO: 9517



14370  
 X40



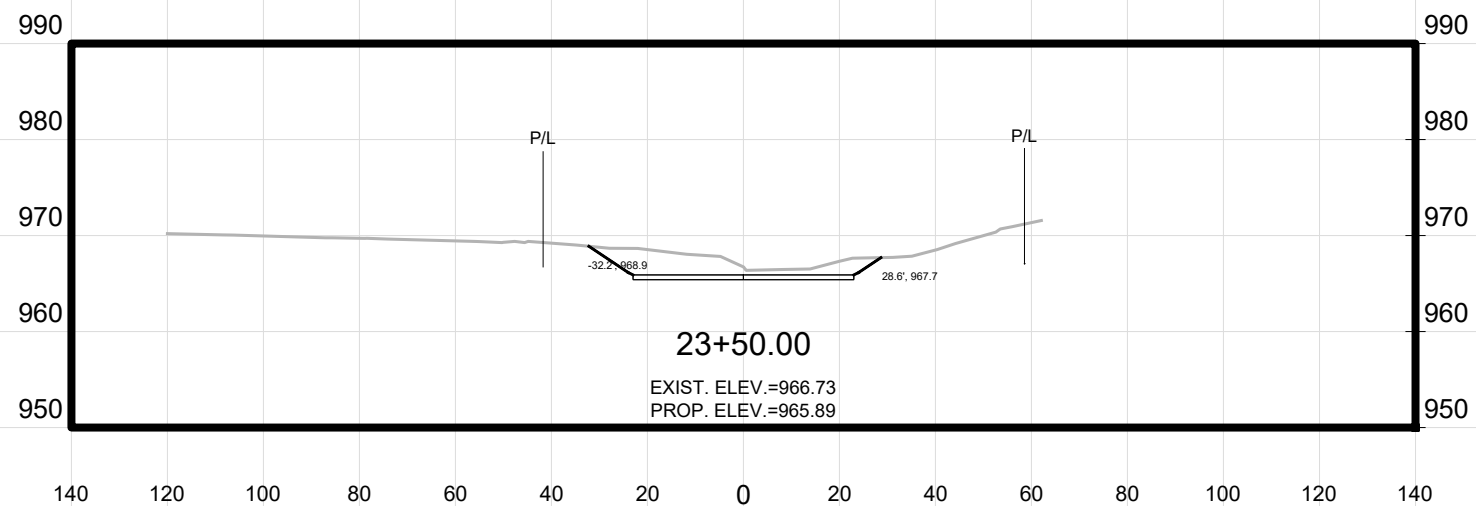
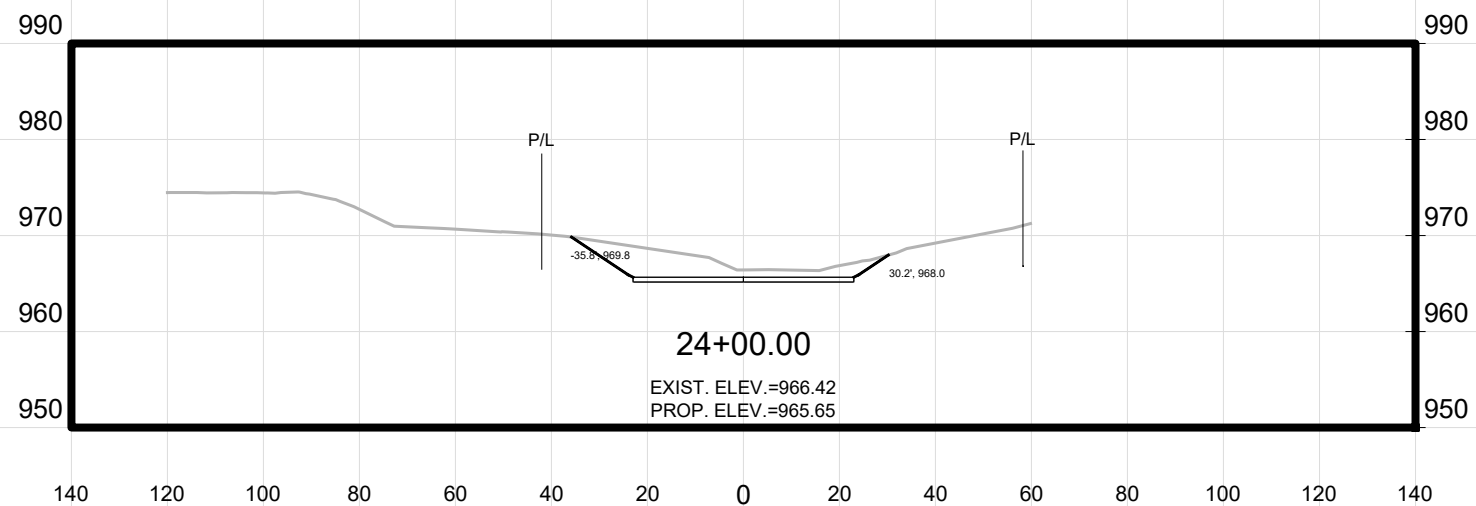
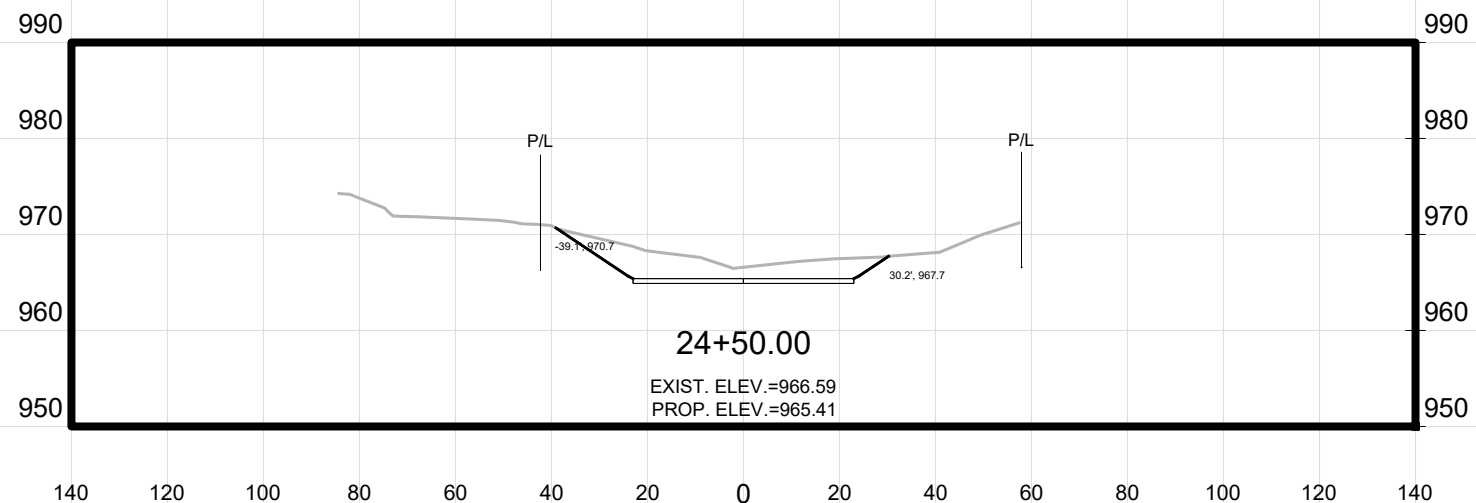


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 EAST CHANNEL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO: 9517



14370  
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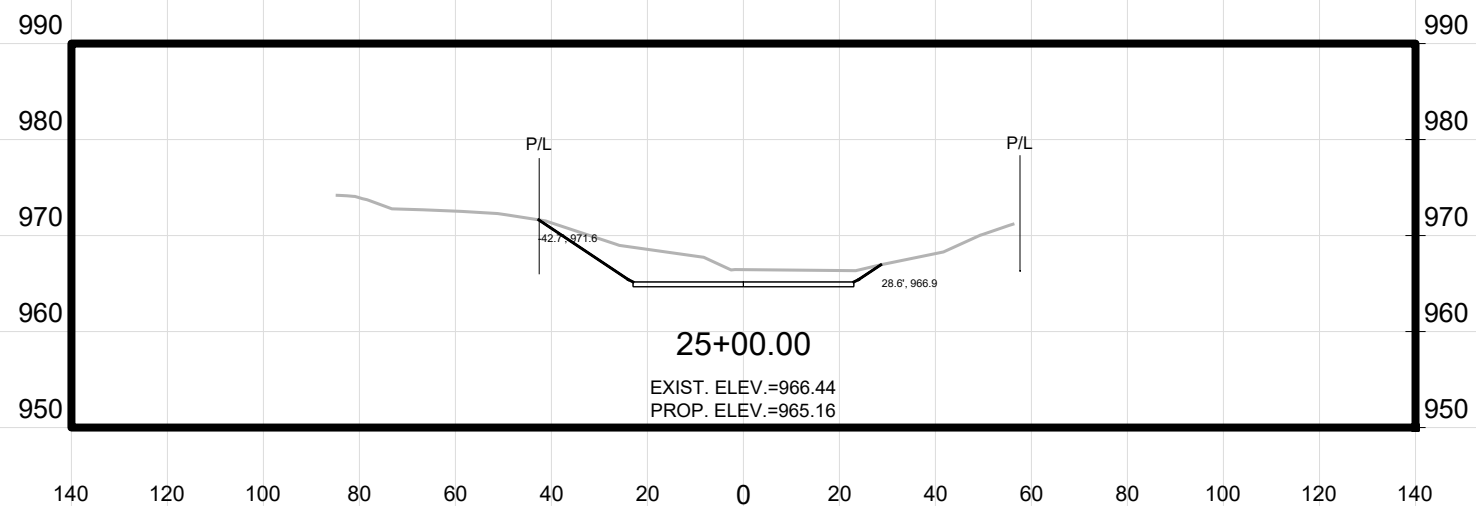
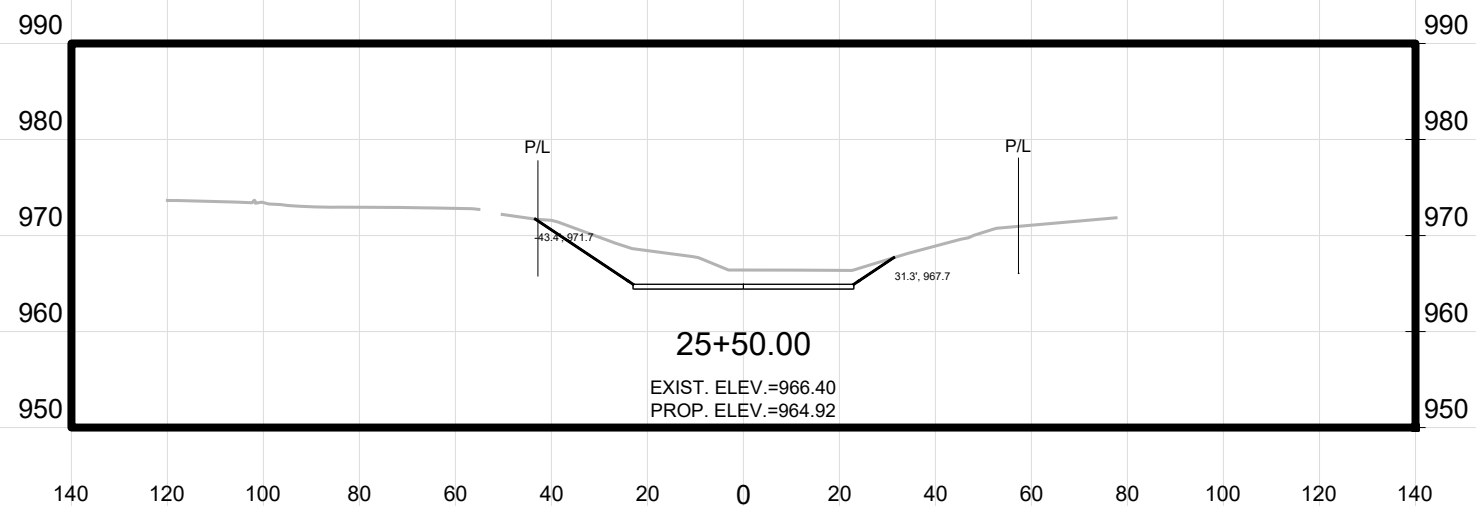
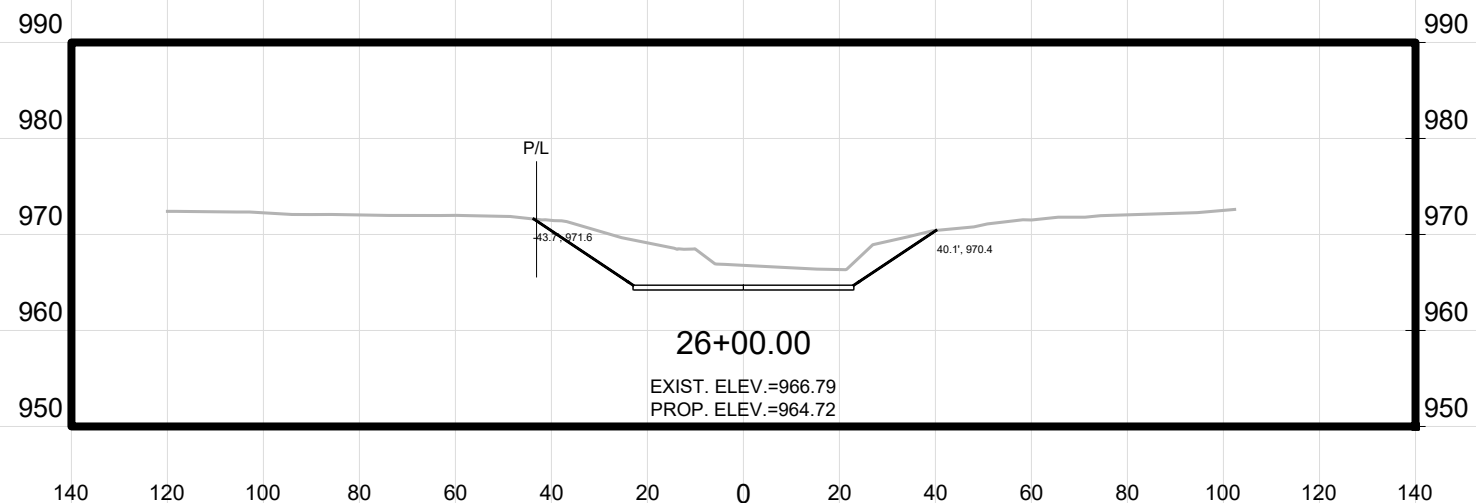


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 EAST CHANNEL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 MADISON, WI  
 CONTRACT NO: 9517



14370  
 X42

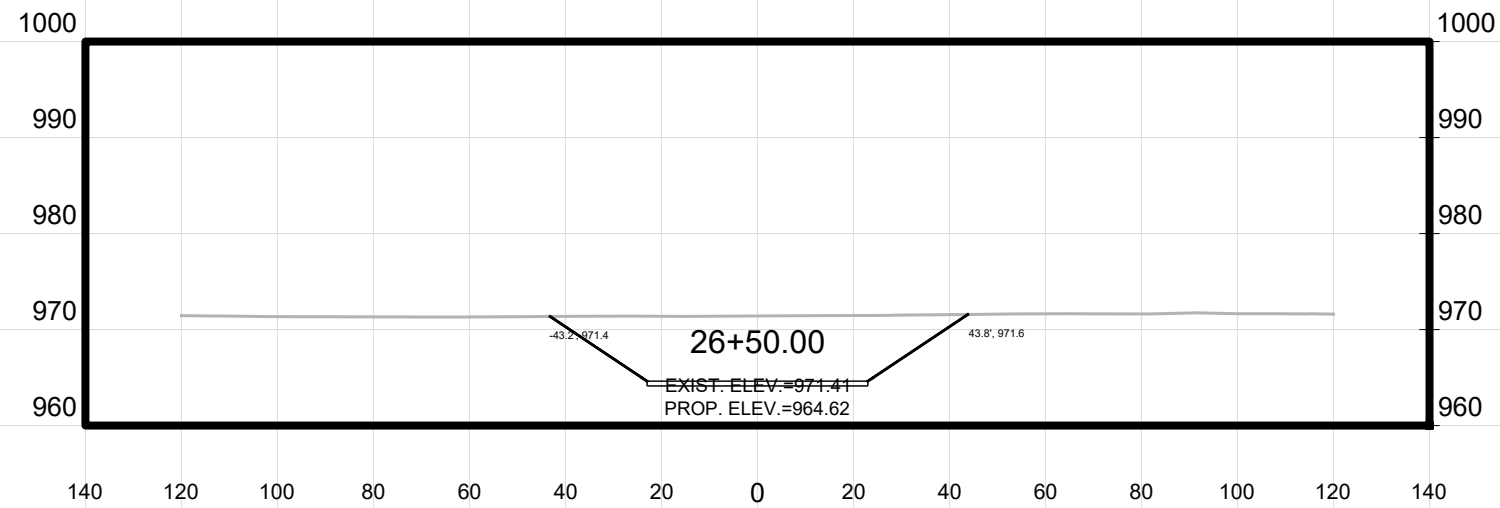
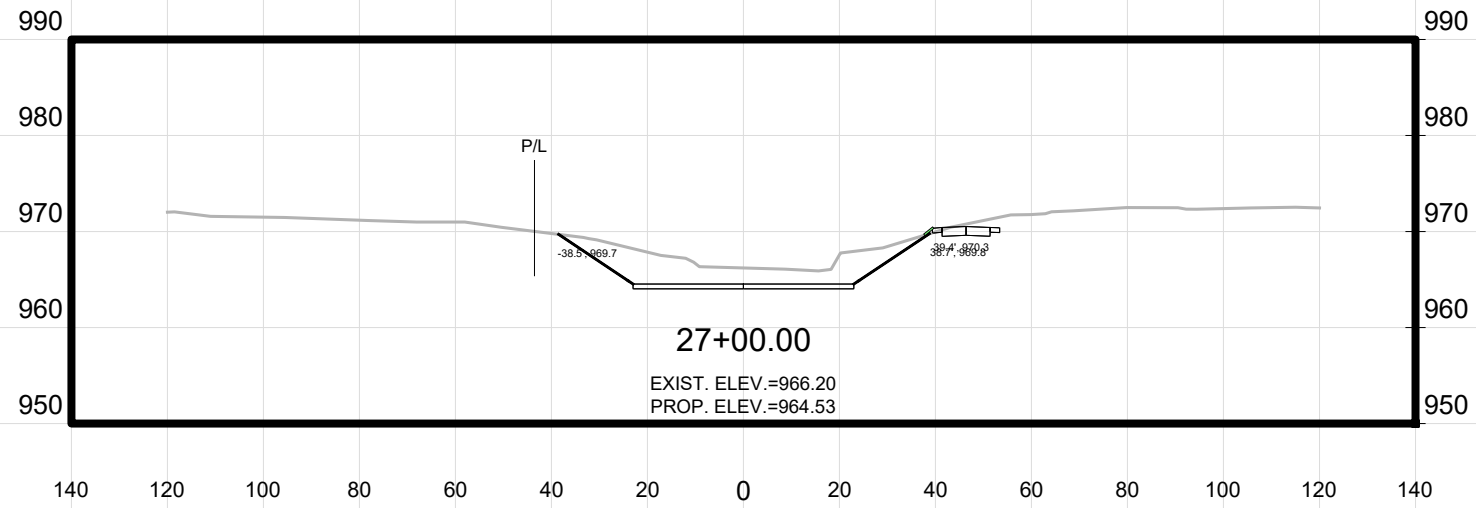
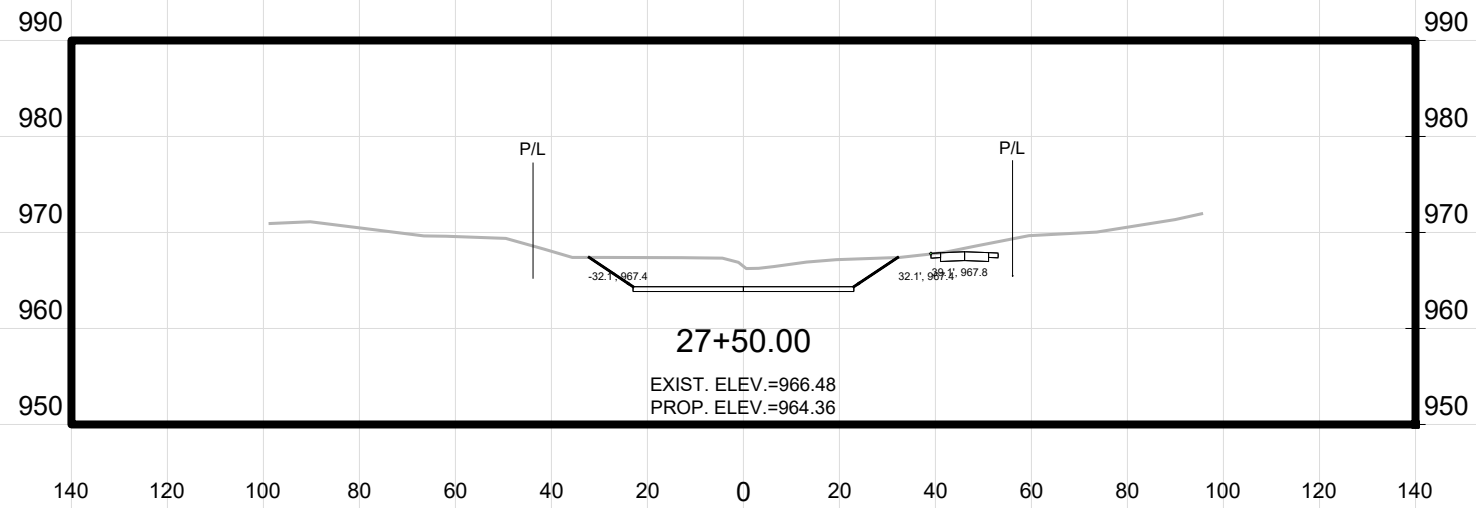


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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



14370  
 X43

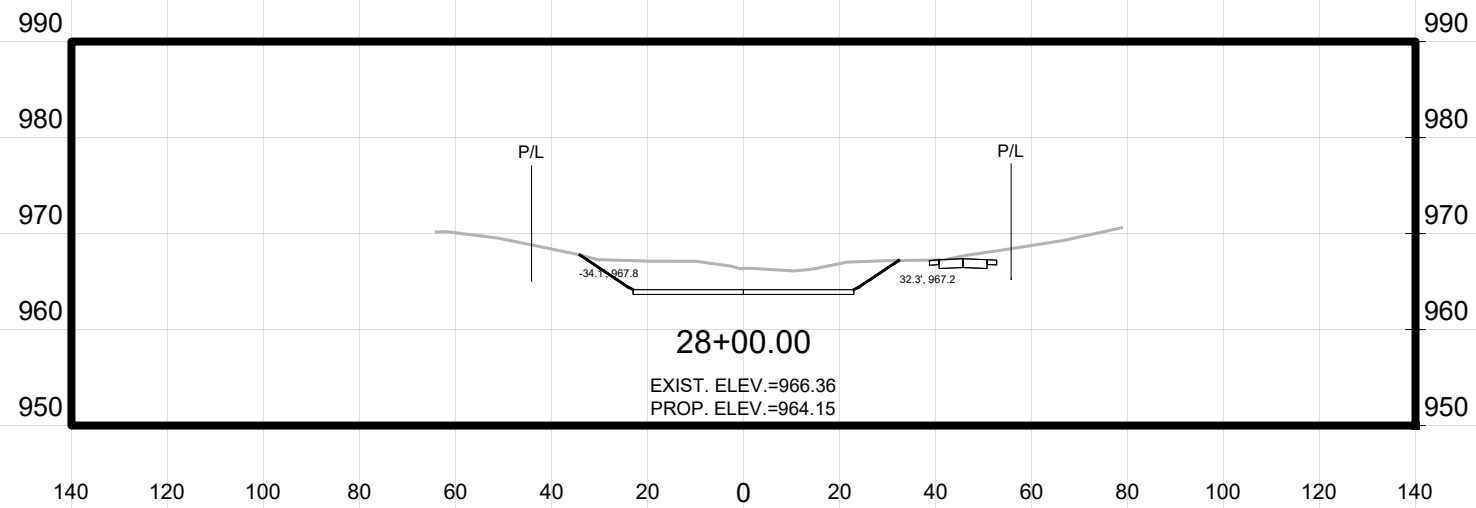
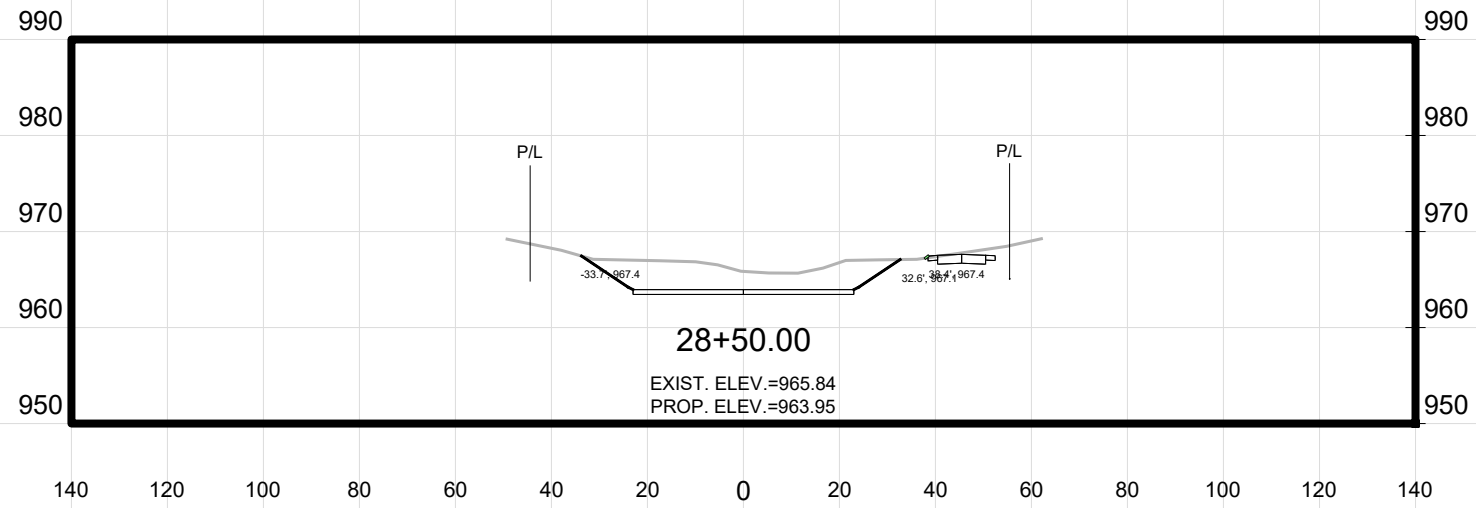
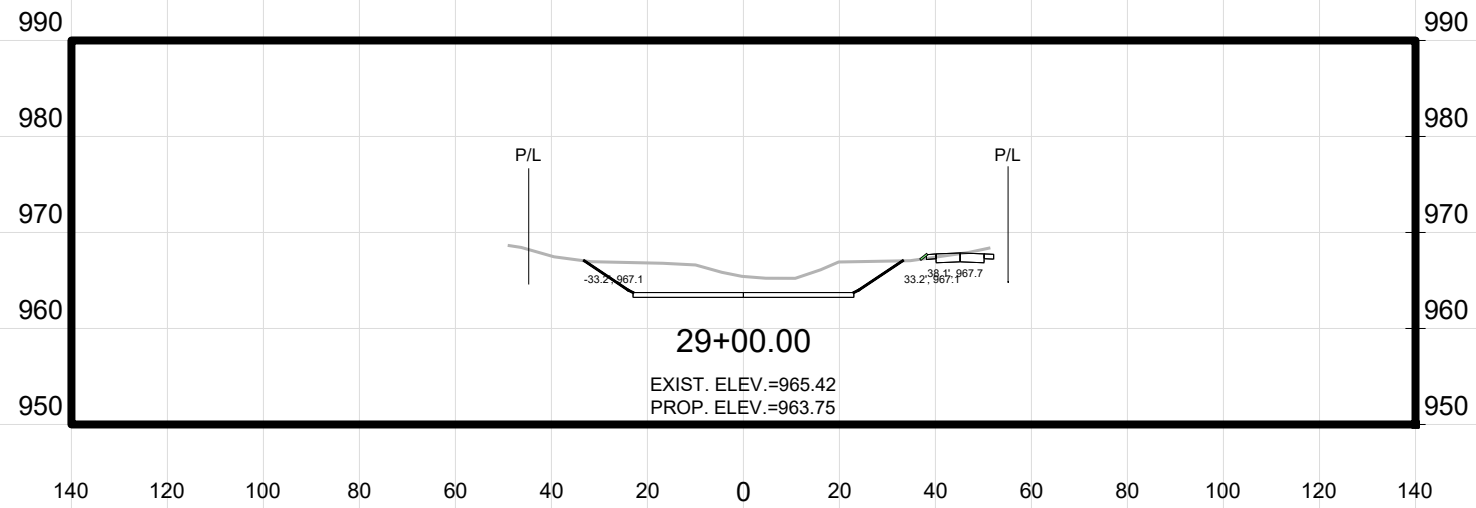


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 MADISON, WI  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517



14370  
 X44



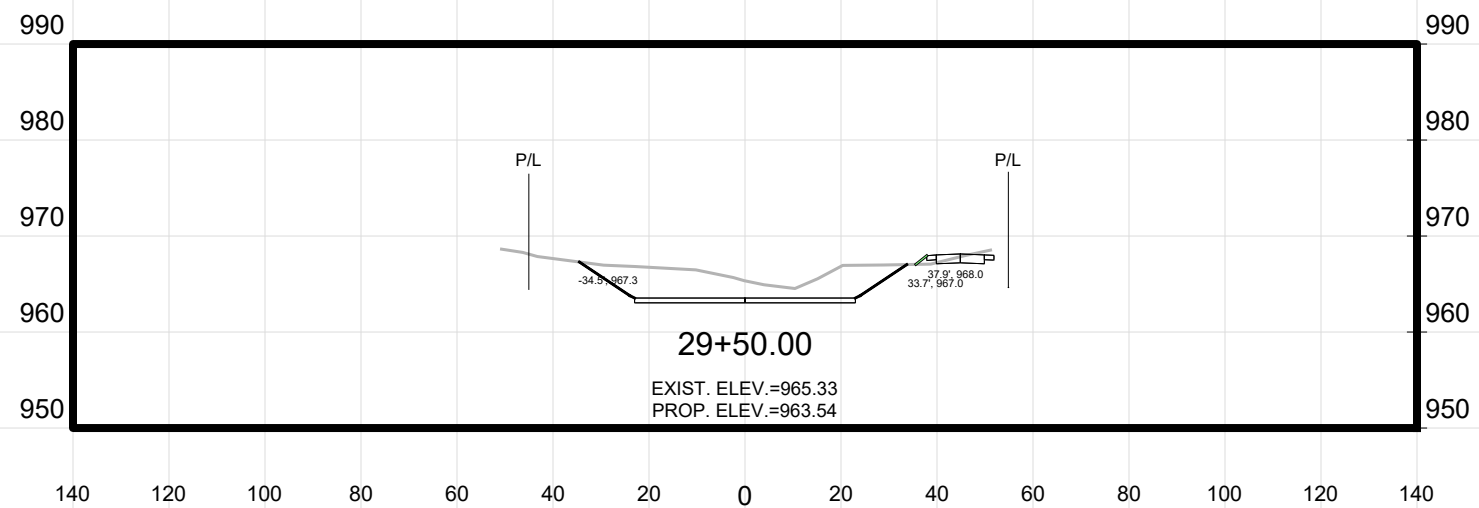
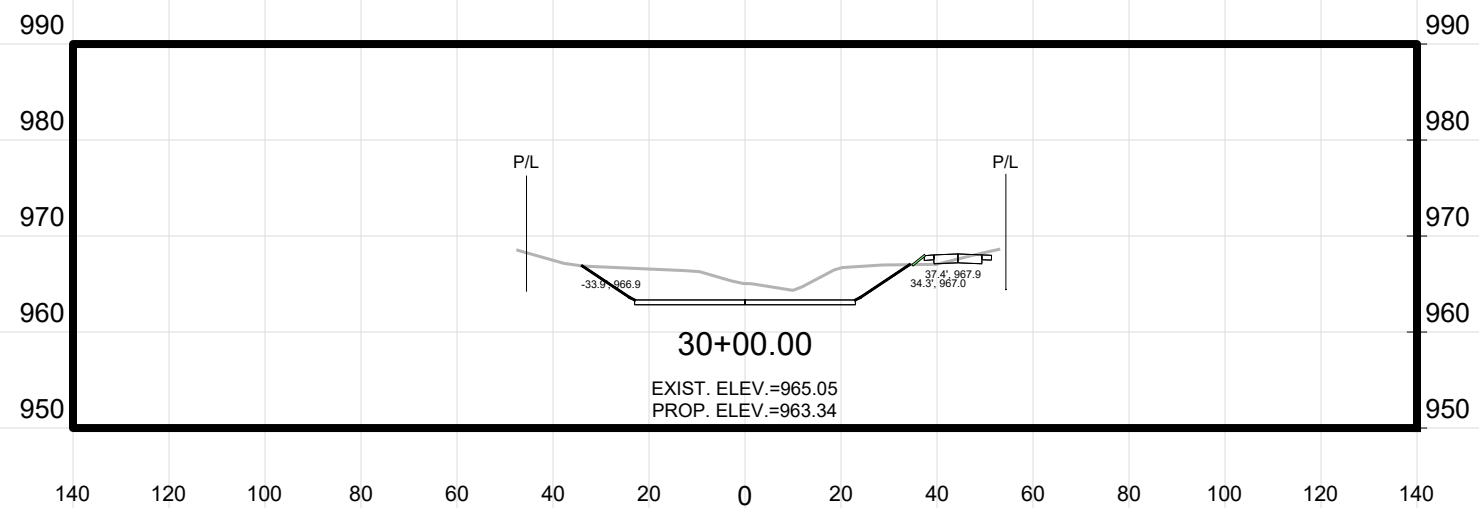
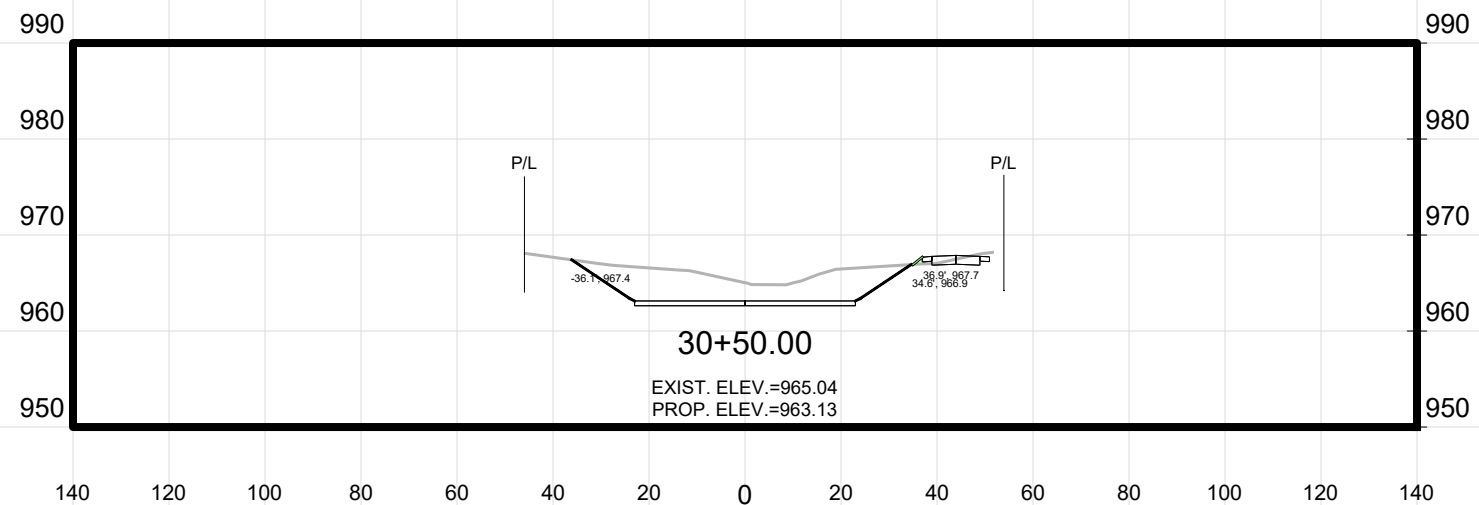
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14370  
 MADISON, WI  
 9517

EAST CHANNEL  
 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO:



14370  
 X45



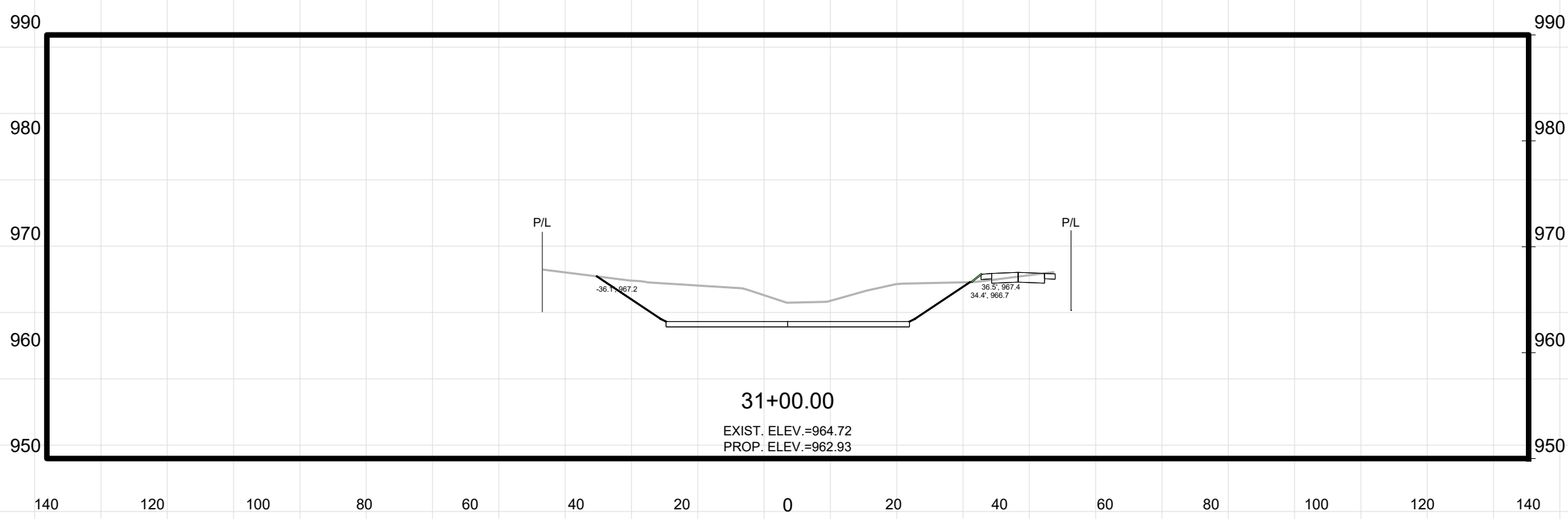
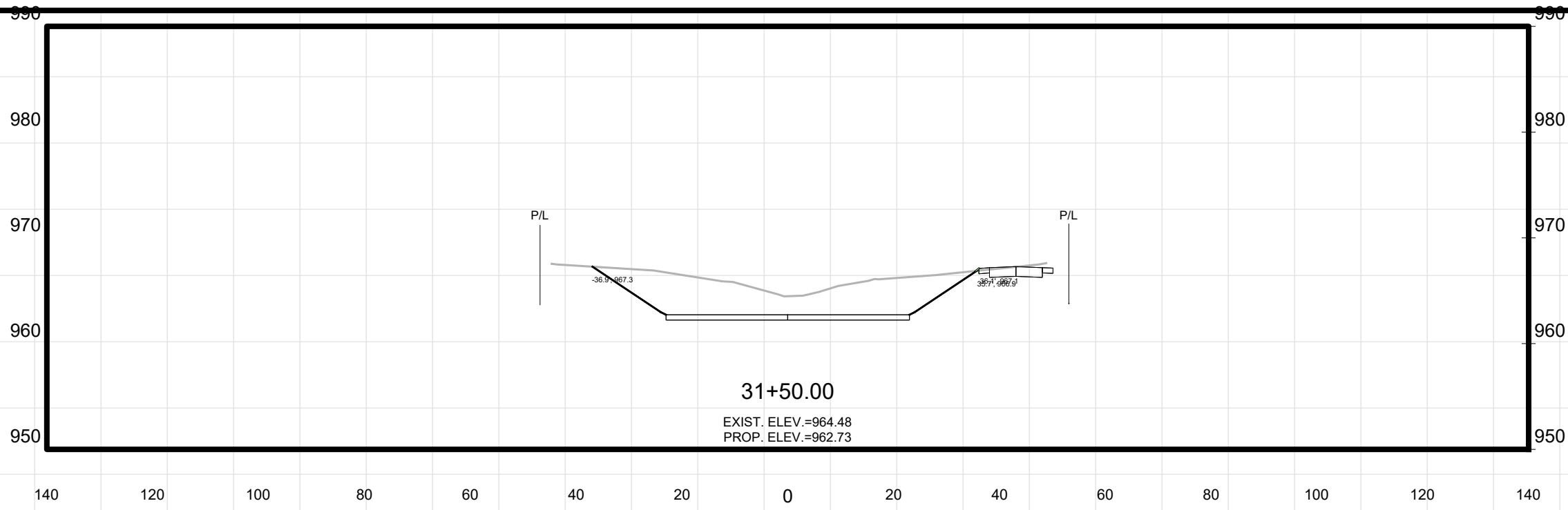
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14370 EAST CHANNEL  
 MADISON, WI PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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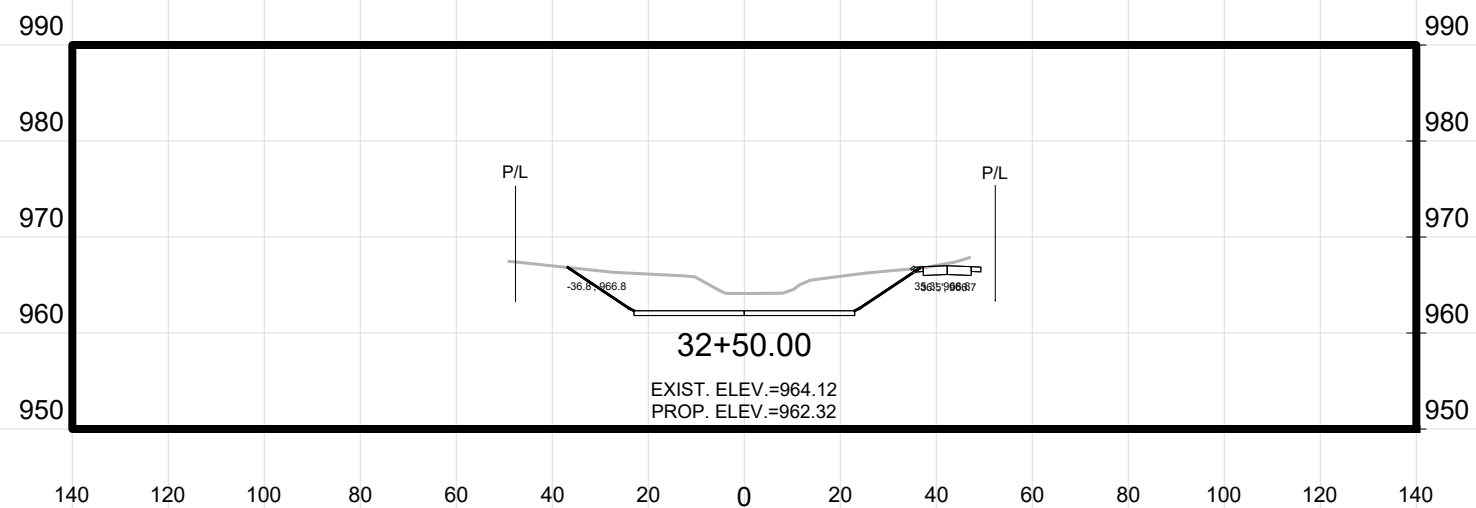
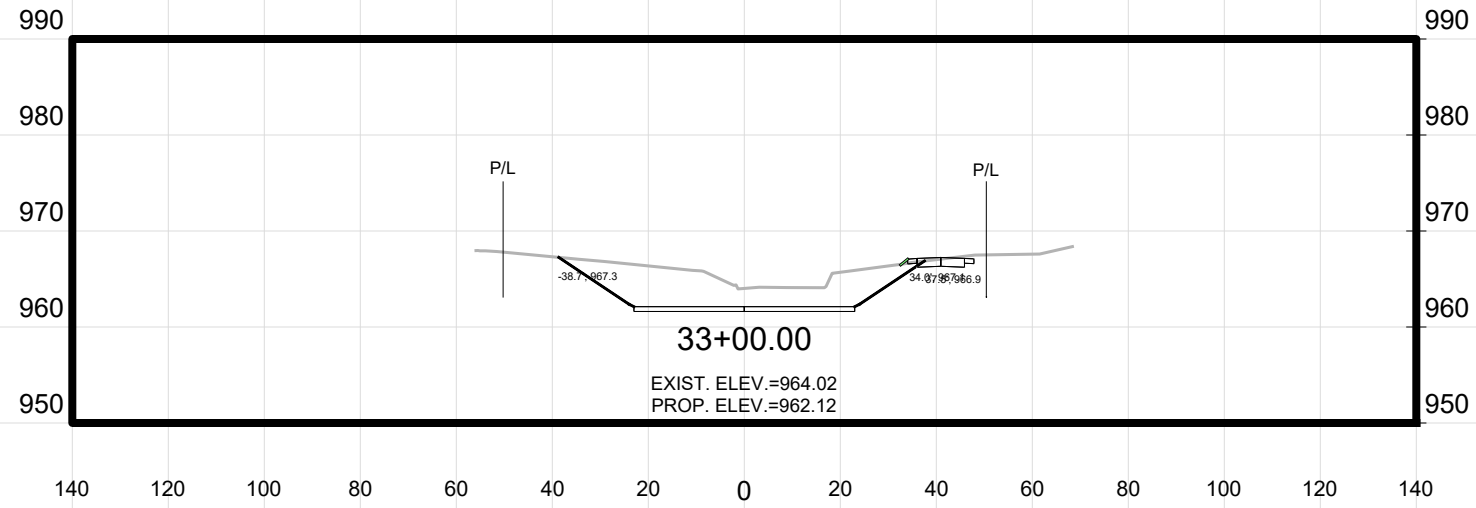
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 MADISON, WI  
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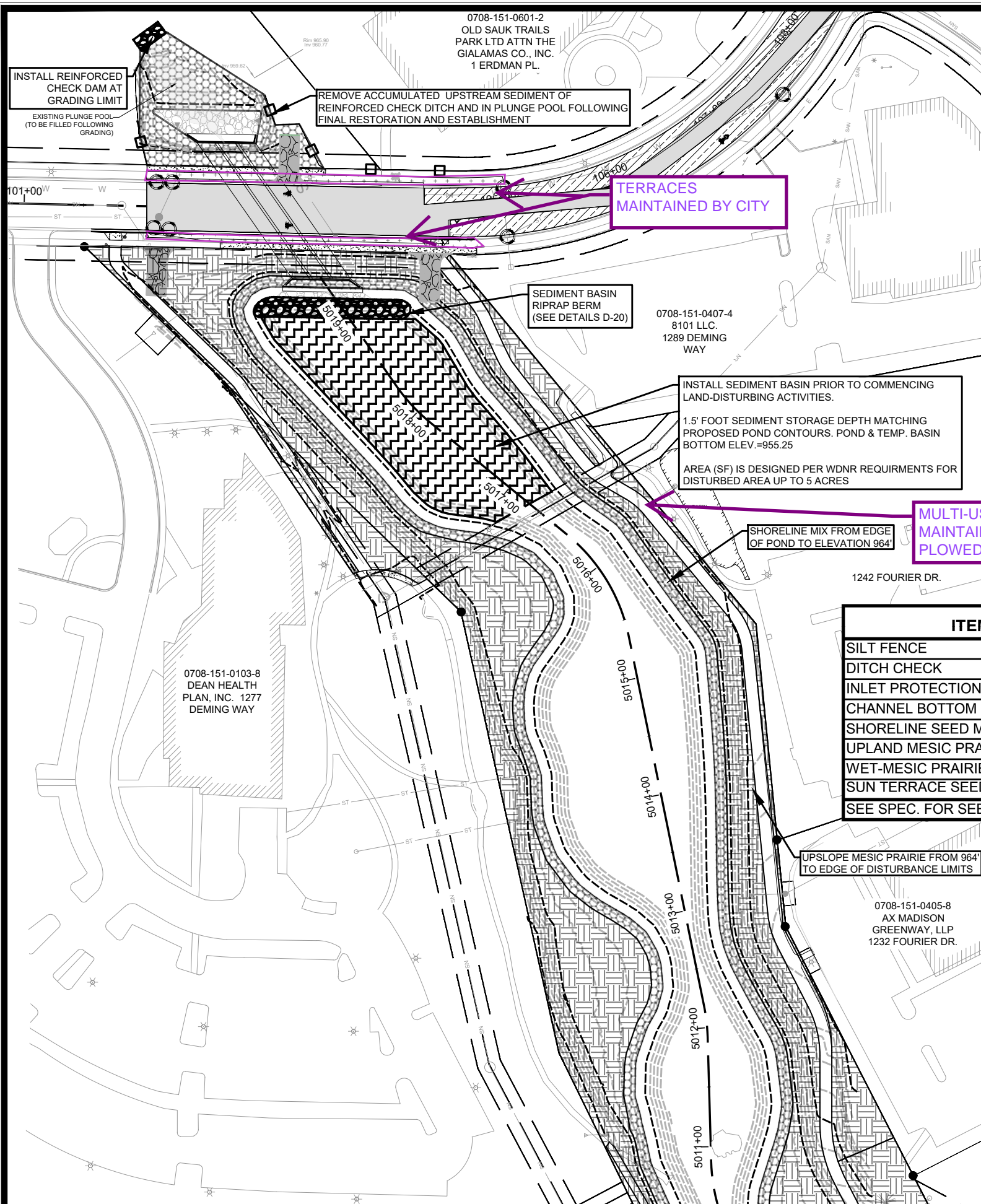
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 PHEASANT BRANCH GREENWAY ENHANCEMENT  
 CONTRACT NO: 9517

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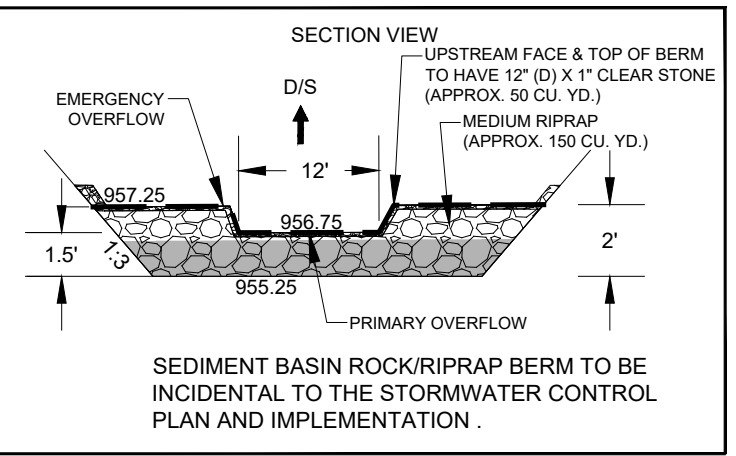
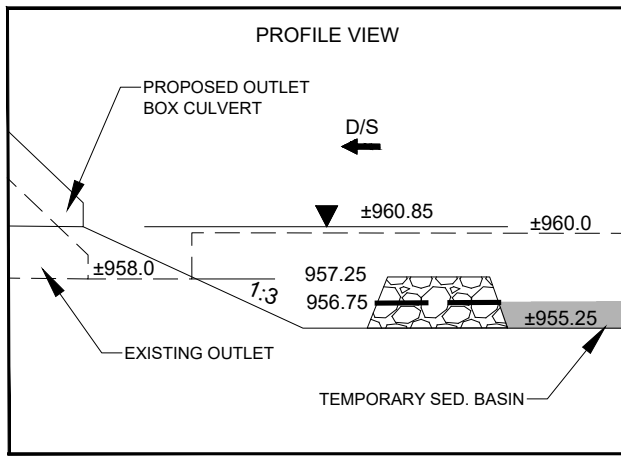


**LEGEND**

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	

- EROSION CONTROL NOTES**
- EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITIES.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
  - THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND THE CITY OF MADISON STANDARD SPECIFICATIONS.
  - THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM PER BID ITEM 21013.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY WITHIN THE CHANNEL AND ASSOCIATED DRAINAGE.
  - POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER. PER BID ITEM 21052.
  - 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.
  - THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
  - ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.
  - ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
  - THE CONTRACTOR SHALL USE APPROPRIATE CONCRETE WASTE CATCHMENT. ALL POINTS ON THIS SITE DRAIN DIRECTLY TO THE GREENWAY.
  - 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.
  - 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.
  - ALL SEED MIXES AND MATTING ARE TO BE APPROVED BY THE ENGINEER PRIOR TO ANY RESTORATION WORK.
  - 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.
  - QUANTITY INFORMATION IS BASED ON PLAN VIEW TOTALS.

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			



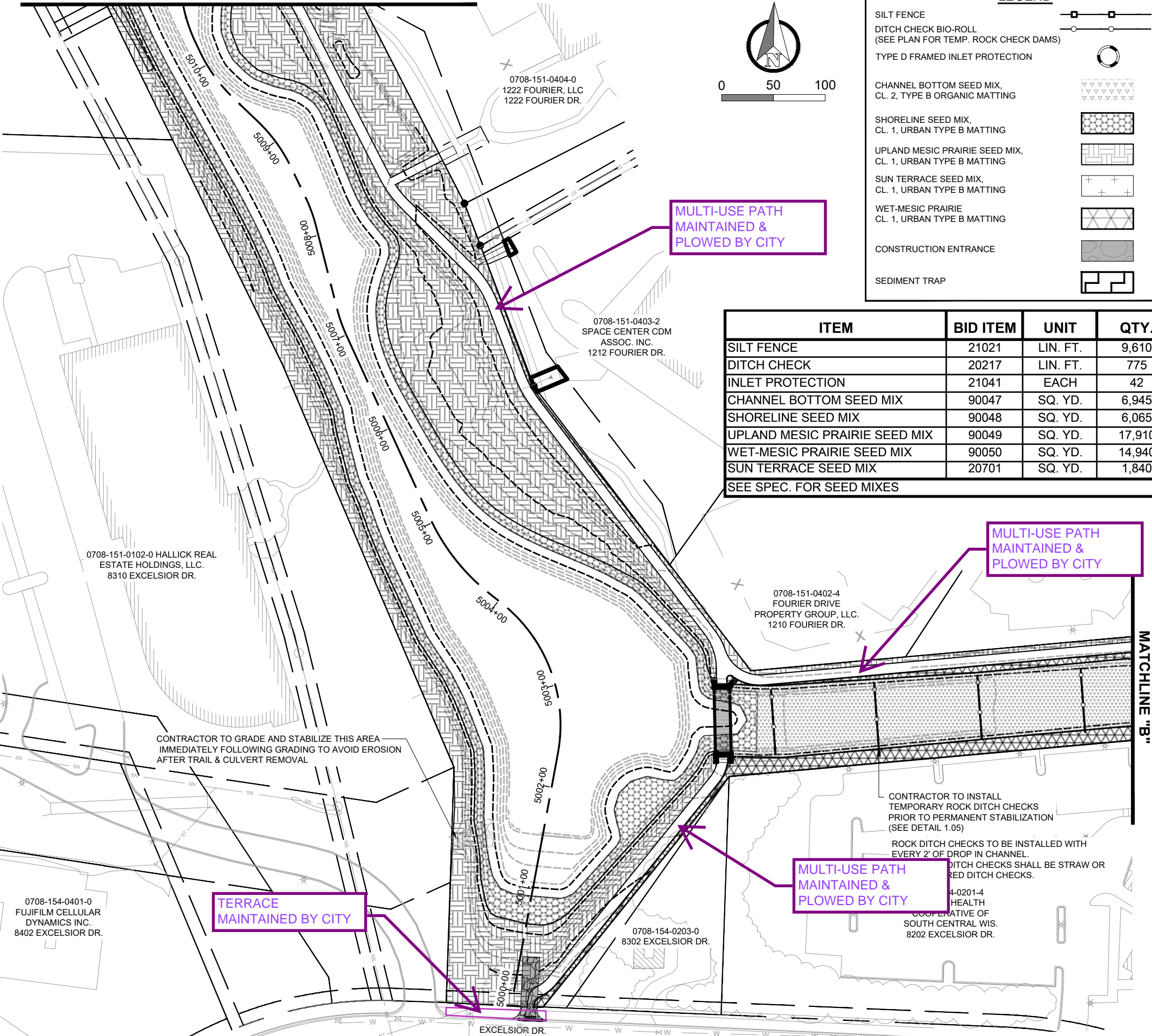
**D-20** SEDIMENT BASIN DETAILS  
NOT TO SCALE

14370 MADISON, WI 53717  
 PHEASANT BRANCH GREENWAY ENHANCEMENT CONTRACT NO: 9517  
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 City of Madison Wisconsin logo  
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 Date: 10/16/2024 12:05 PM  
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**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			

**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.

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.

14370 MADISON, WI 9517 CONTRACT NO.: 14370

PHEASANT BRANCH GREENWAY ENHANCEMENT

14370 MN2

City of Madison Wisconsin logo

Scale: AS SHOWN

DATE: 10/16/2024 12:03 PM

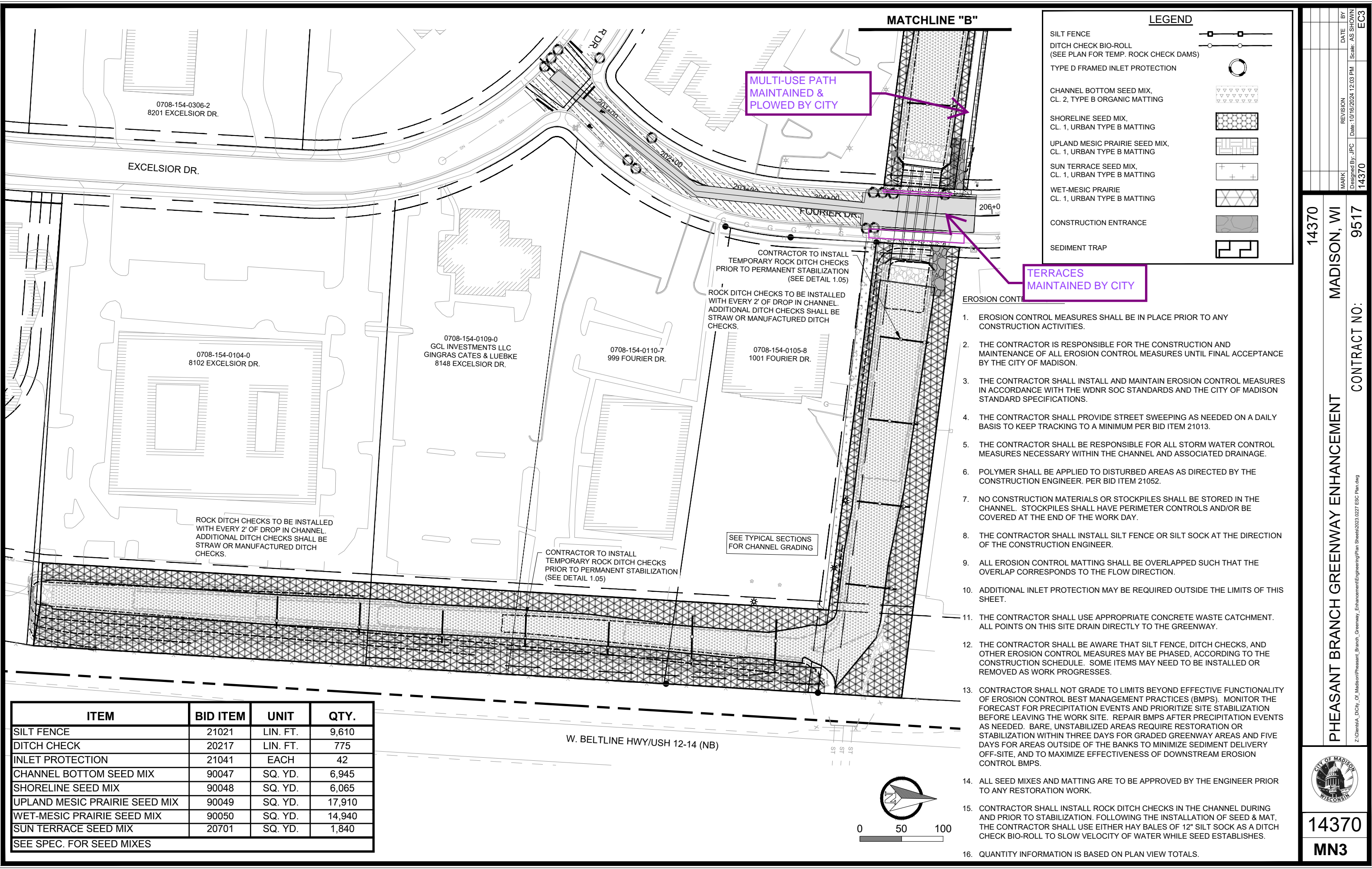
REVISION

MARK

Designed By: JPC

14370

EC2



**LEGEND**

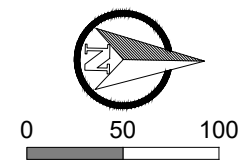
SILT FENCE	
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CONSTRUCTION ENTRANCE	
SEDIMENT TRAP	

MULTI-USE PATH  
MAINTAINED &  
PLOWED BY CITY

TERRACES  
MAINTAINED BY CITY

- EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
  - THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND THE CITY OF MADISON STANDARD SPECIFICATIONS.
  - THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM PER BID ITEM 21013.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY WITHIN THE CHANNEL AND ASSOCIATED DRAINAGE.
  - POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER. PER BID ITEM 21052.
  - 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.
  - THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
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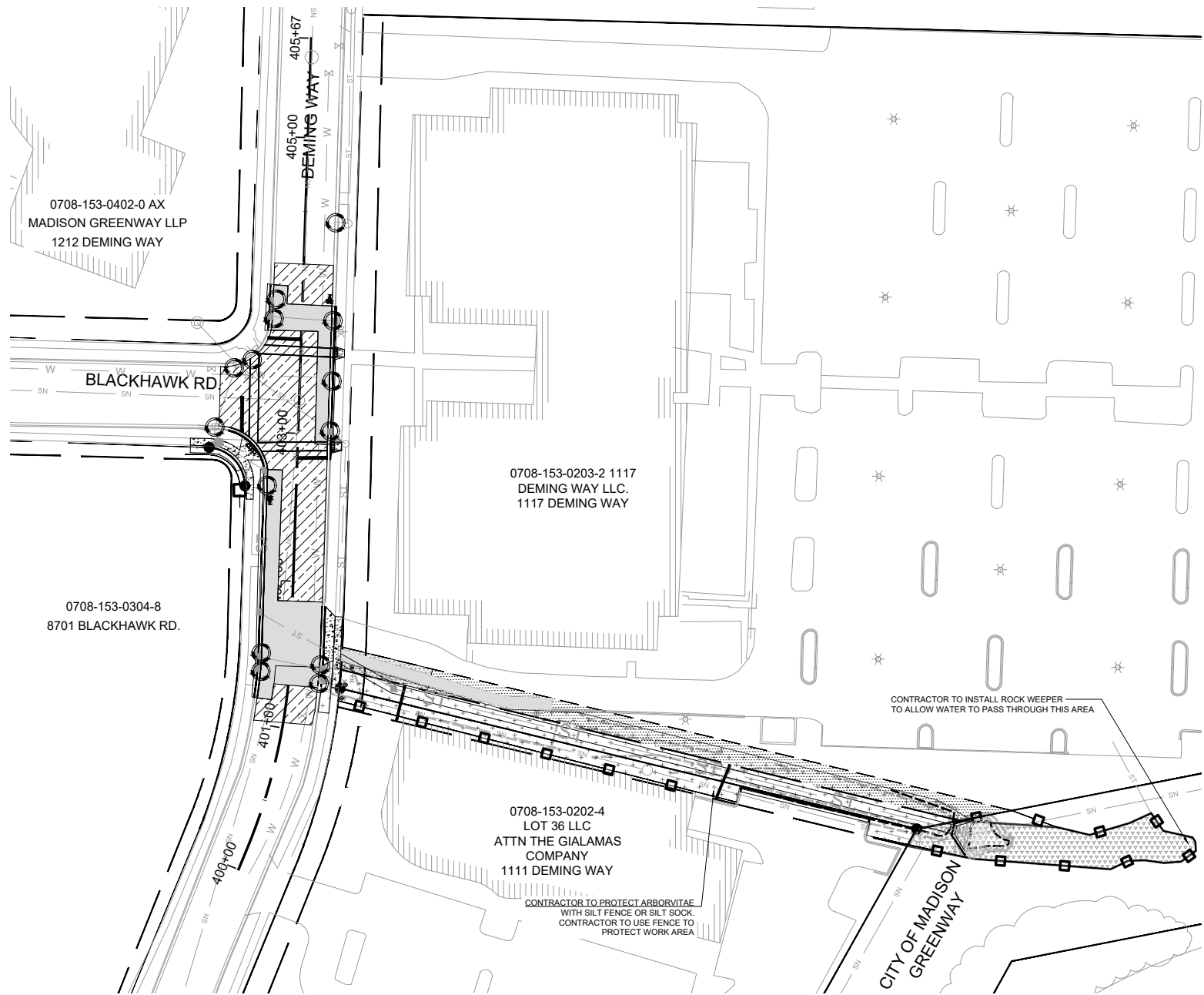


14370  
MADISON, WI  
PHEASANT BRANCH GREENWAY ENHANCEMENT  
CONTRACT NO.: 9517  
14370  
MN3

REVISION  
DATE  
BY  
Scale: AS SHOWN  
EC3

MARK  
Designed By: JPC  
Date: 10/16/2024 12:03 PM  
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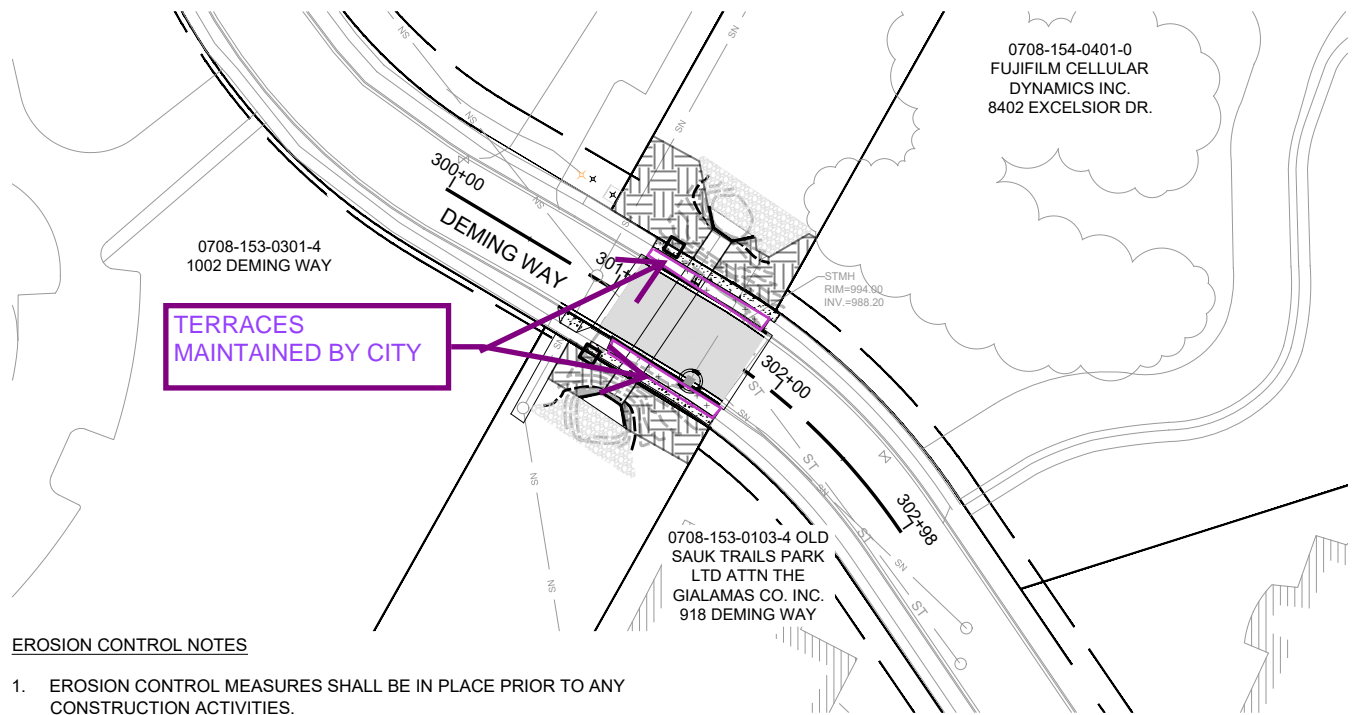
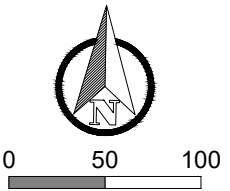
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**LEGEND**

SILT FENCE	
DITCH CHECK BIO-ROLL (SEE PLAN FOR TEMP. ROCK CHECK DAMS)	
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MN4