

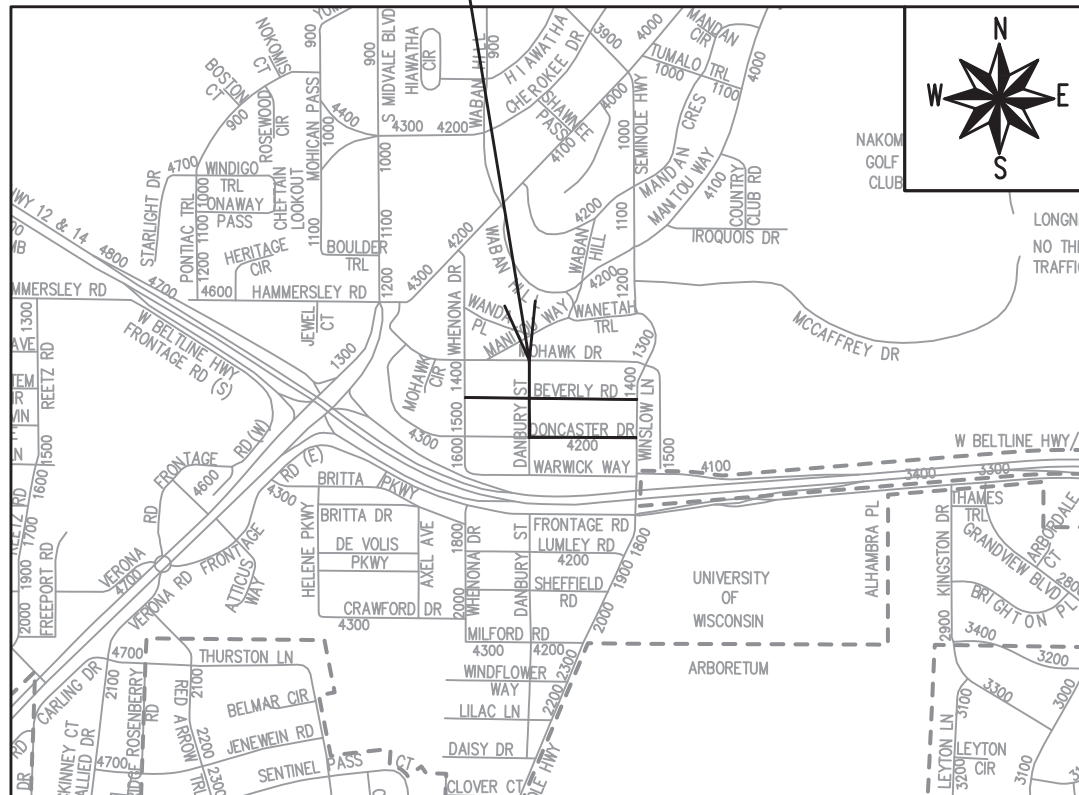
Madison, Wisconsin

INDEX OF SHEETS

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SHEET NO.	U1-U5	UTILITY PLAN & PROFILES
SHEET NO.	U6	SANITARY SEWER SCHEDULE
SHEET NO.	U7	STORM SEWER SCHEDULE
SHEET NO.	W1-W5	WATER PLANS
SHEET NO.	PM1-PM2	PAVEMENT MARKING PLANS
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PROJECT
LOCATION

CITY PROJECT NO. 14079
CONTRACT NO. 8709



ADDENDUM #1- 5/17/2024
REVISED THE
FOLLOWING:
TITLE SHEET
GI2-GI5, PD1-PD2, PD5-
PD6, P1-P2, P5-P6, U2-U6
REMOVED THE
FOLLOWING:
GI2 AND GI6

REVISION #1- 8/15/2024
REVISED THE
FOLLOWING:
EC4, EC6, GI1, GI3-GI5,
PD2-PD6, P2-P6, U4-U5,
W1, X4-X5, X7, X9, X12

REVISION 2: 3/21/25
REVISED THE
FOLLOWING:
P2, P3, PD2, PD3, U1, U2,
U3, U7

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

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

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE
OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF
1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE
CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK
SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF
0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%
EXCEPT WHERE STREET GRADES EXCEED 5.00%.

CITY MAINTENANCE PLAN NOT REQUIRED

EARTHWORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY).....5330 CY
ESTIMATED UNDISTRIBUTED UNDERCUT.....470 CY
TOTAL UNCLASSIFIED EXCAVATION CUT.....5800 CY

PUBLIC IMPROVEMENT PROJECT
APPROVED

MAY 7, 2024

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

May 10, 2024

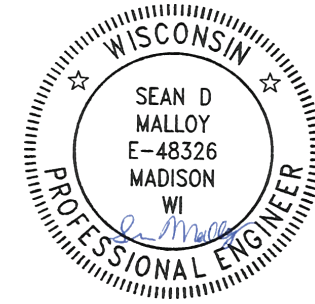
City Engineer Date

STREET
DESIGNED BY:



May 10, 2024

PAVEMENT MARKINGS
DESIGNED BY:



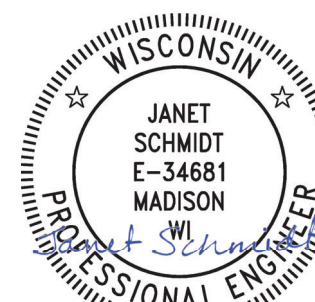
May 10, 2024

SANITARY SEWER
DESIGNED BY:



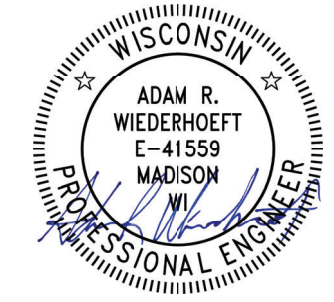
May 10, 2024

STORM SEWER
DESIGNED BY:



May 13, 2024

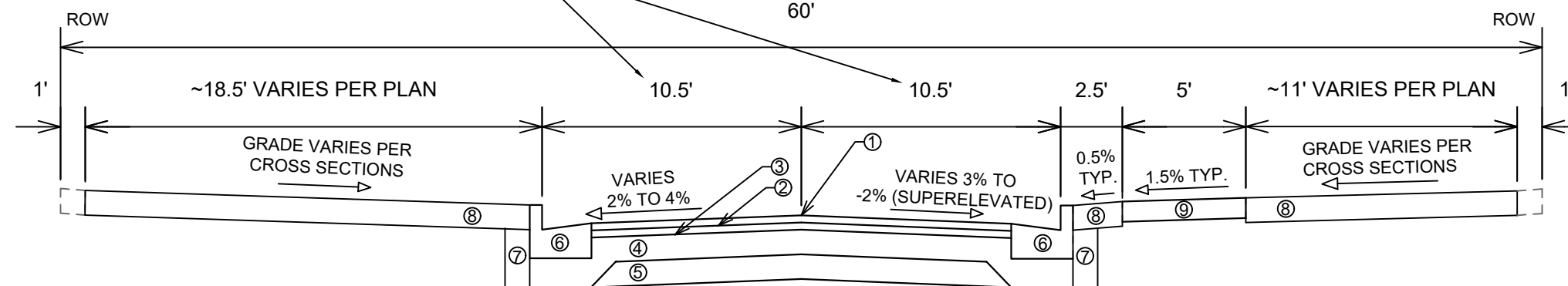
WATER
DESIGNED BY:



May 10, 2024

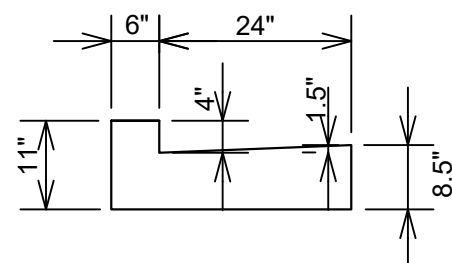


VALUES ARE 12' FOR DANBURY STREET FROM STA 204+45.91 TO STA 206+58.16 WHERE STREET IS 24' WIDE

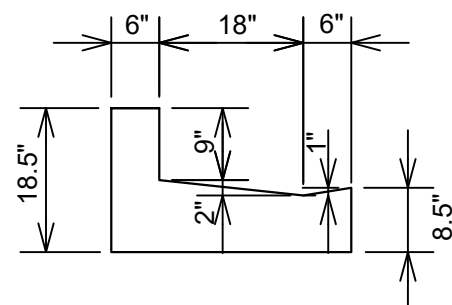


TYPICAL SECTION
DONCASTER DRIVE
BEVERLY ROAD
DANBURY STREET

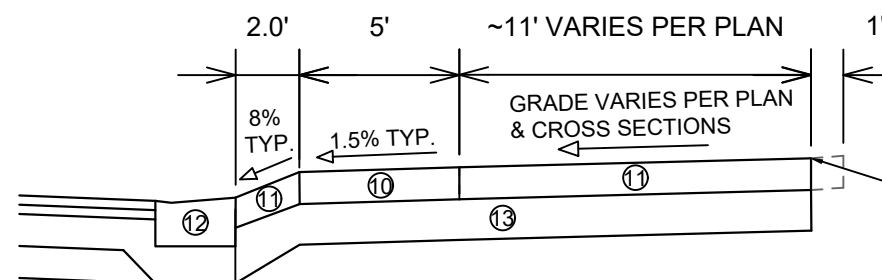
- ① POINT REFERRED TO ON PROFILE
- ② 1.75" HMA PAVEMENT, TYPE 4 LT 58-28 S (UPPER LAYER)
- ③ 1.75" HMA PAVEMENT, TYPE 4 LT 58-28 S (LOWER LAYER)
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE (UPPER LAYER)
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE (LOWER LAYER)
- ⑥ CONCRETE CURB AND GUTTER TYPE 'A'
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑧ RESTORE DISTURBED AREAS W/ 6" TOPSOIL, SEED, AND EROSION MATTING
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ 7" CONCRETE SIDEWALK
- ⑪ 7" CONCRETE DRIVEWAY
- ⑫ CURB AND GUTTER TYPE 'X' UNLESS OTHERWISE NOTED ON THE PLANS
- ⑬ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE



MODIFIED 4" TYPE 'A' CURB AND
GUTTER
DONCASTER DRIVE
DANBURY STREET



MODIFIED 9" TYPE 'X' CURB AND
GUTTER
DANBURY STREET



TYPICAL DRIVEWAY WITH SIDEWALK
CROSS SECTION
DONCASTER DRIVE
BEVERLY ROAD
DANBURY STREET

MATCH EXISTING DRIVEWAY PER PLAN

DATE	BY
5/9/2024	1.6
REVISION	
MARK	
Designed By: MFG	14079

14079	MADISON, WI	8709
CONTRACT NO:		
TYPICAL SECTIONS, NOTES, AND DETAILS		
DONCASTER BEVERLY DANBURY RECONSTRUCTION		
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14079

D-1

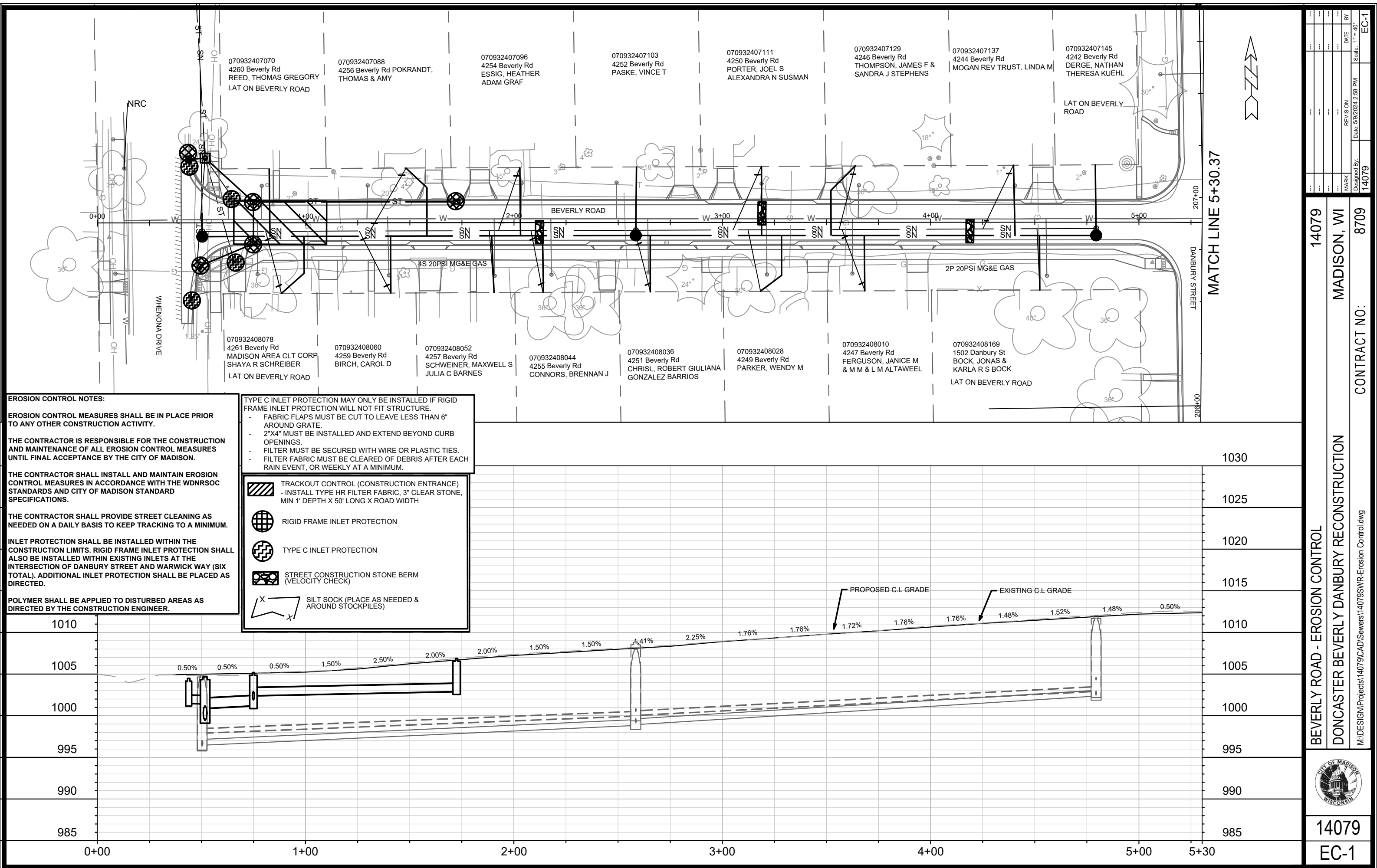


Notes:

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



PROJECT CONSTRUCTION SIGN		14079	MADISON, WI	8709	CONTRACT NO:
DONCASTER BEVERLY DANBURY RECONSTRUCTION					
M:\DESIGN\Projects\14079\CAD\Traffic\14079-Orange Project Construction Sign.dwg					
CITY OF MADISON WISCONSIN					
14079					
D-2					
MARK		REVISION	DATE	BY	
Designed By: MFG		Date: 5/7/2024 11:16 AM	Scale: Custom		
14079					D - 2



MATCH LINE 5+30.37

MATCH LINE 10+75.00

070932409125
4240 Beverly Rd
GRIGG, ELLEN LOUISE
LAT ON BEVERLY ROAD

070932409133
4236 Beverly Rd
MELVILLE (LE), FRANCES
THOMAS D MELVILLE

070932409141
4232 Beverly Rd
JANSEN, DIANE M

070932409159
4228 Beverly Rd
SKINNER, STEPHEN B
& LUANN L SKINNER

070932409167
4226 Beverly Rd
DEGIOIA, PHYLLIS

070932409175
4222 Beverly Rd
WALTER TRUST, JENNIFER

070932409183
4220 Beverly Rd
DANIELS, RICHARD J
CHRISTINE M DANIELS

070932409191
4218 Beverly Rd
BOLLES, KRISTEN M

070932409216
4214 Beverly Rd
GILLESPIE TRUST

070932410156
4239 Beverly Rd
AGNEW, MATTHEW R
& JULIE S MURPHY

070932410148
4237 Beverly Rd
DUNNINGTON, BRYAN
D

070932410130
4235 Beverly Rd
LEGRANDE, CAROL M

070932410122
4233 Beverly Rd
SCHWEISS, DANIELLE RENEE

070932410114
4229 Beverly Rd
KENNEDY, JAMES P

070932410099
4225 Beverly Rd
URBAN, JOHN S

070932410081
4223 Beverly Rd
LOKER, DONALD JAMES

070932410073
4221 Beverly Rd
NEWELL, HENRY
PAULA GOTTLIEB

070932410065
4217 Beverly Rd
TIPPETT, LINNEA G

070932410057
4215 Beverly Rd
SINES, CORY
AMBER KLEIN

EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

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 CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. RIGID FRAME INLET PROTECTION SHALL ALSO BE INSTALLED WITHIN EXISTING INLETS AT THE INTERSECTION OF DANBURY STREET AND WARWICK WAY (SIX TOTAL). ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

TYPE C INLET PROTECTION MAY ONLY BE INSTALLED IF RIGID FRAME INLET PROTECTION WILL NOT FIT STRUCTURE.

- FABRIC FLAPS MUST BE CUT TO LEAVE LESS THAN 6" AROUND GRATE.
- 2"x4" MUST BE INSTALLED AND EXTEND BEYOND CURB OPENINGS.
- FILTER MUST BE SECURED WITH WIRE OR PLASTIC TIES.
- FILTER FABRIC MUST BE CLEARED OF DEBRIS AFTER EACH RAIN EVENT, OR WEEKLY AT A MINIMUM.

TRACKOUT CONTROL (CONSTRUCTION ENTRANCE)
- INSTALL TYPE HR FILTER FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH

RIGID FRAME INLET PROTECTION

TYPE C INLET PROTECTION

STREET CONSTRUCTION STONE BERM (VELOCITY CHECK)

SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

1030

1025

1020

1015

1010

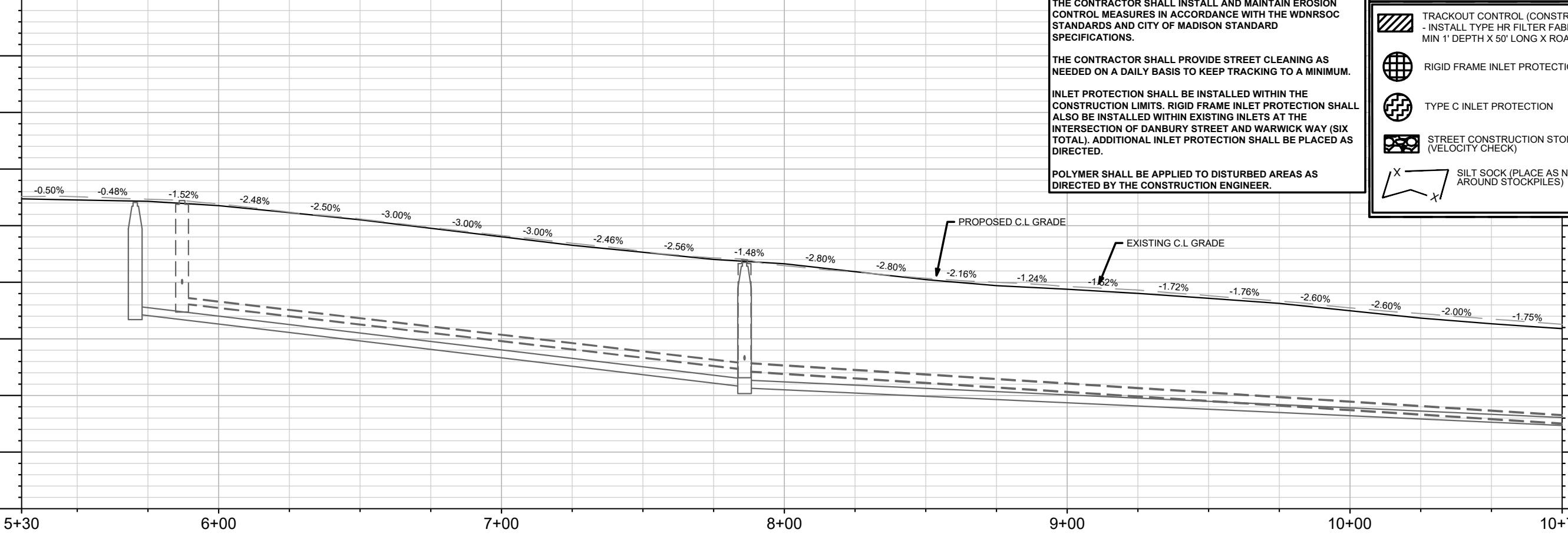
1005

1000

995

990

985



14079

MADISON, WI

CONTRACT NO: 8709

BEVERLY ROAD - EROSION CONTROL

DONCASTER BEVERLY DANBURY RECONSTRUCTION

14079

EC-2

14079

EC-2

DATE: 5/9/2024 2:58 PM

REVISION

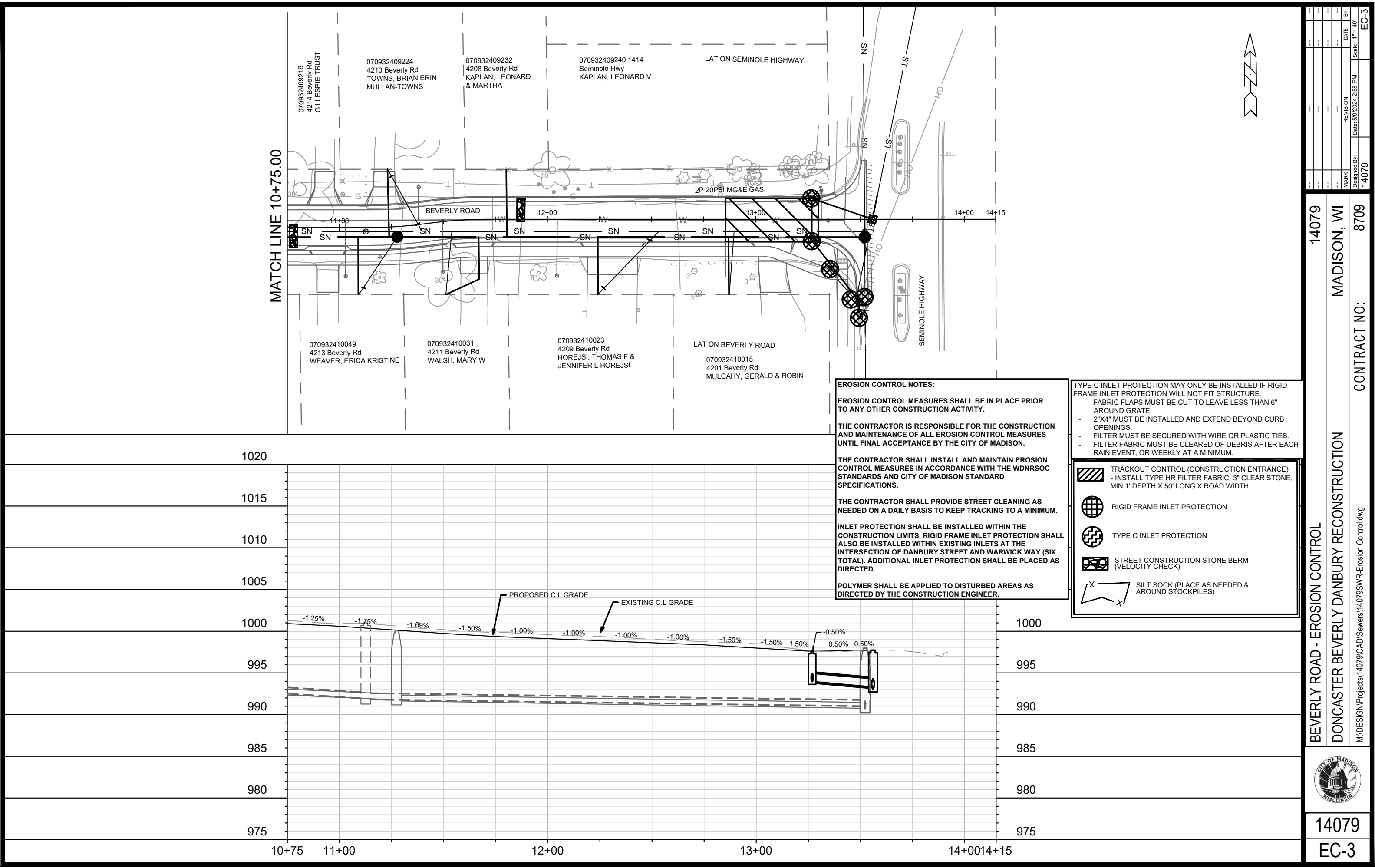
MARK

BY

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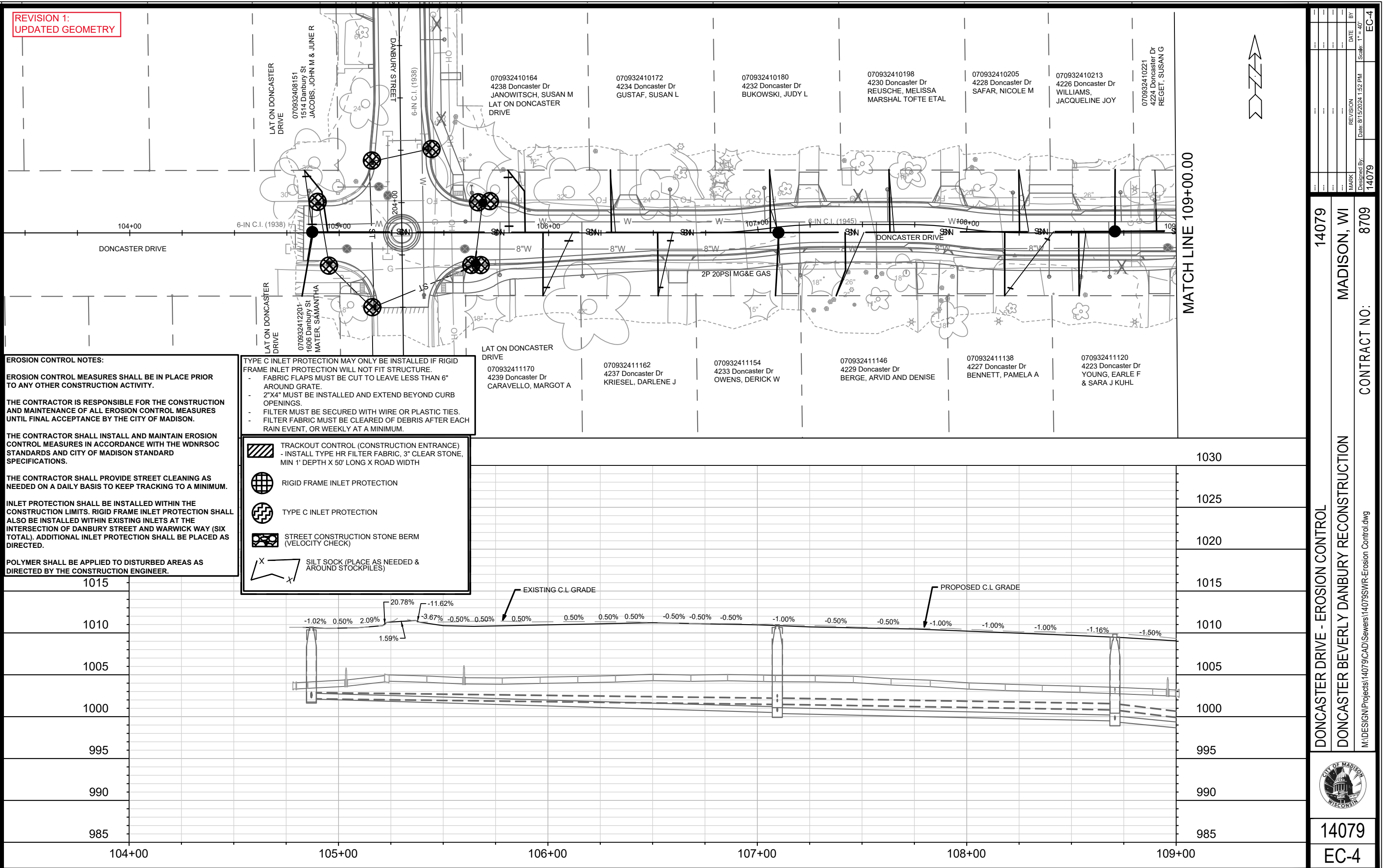
Desiged By: 14079

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14079		MADISON, WI		CONTRACT NO: 8709	
BEVERLY ROAD - EROSION CONTROL		DONCASTER BEVERLY DANBURY RECONSTRUCTION		M:\DESIGN\Projects\14079\CAD\Sewers\14079SWR-Erosion Control.dwg	
		14079		EC-3	

REVISION 1: UPDATED GEOMETRY



14079

MADISON, WI

6078

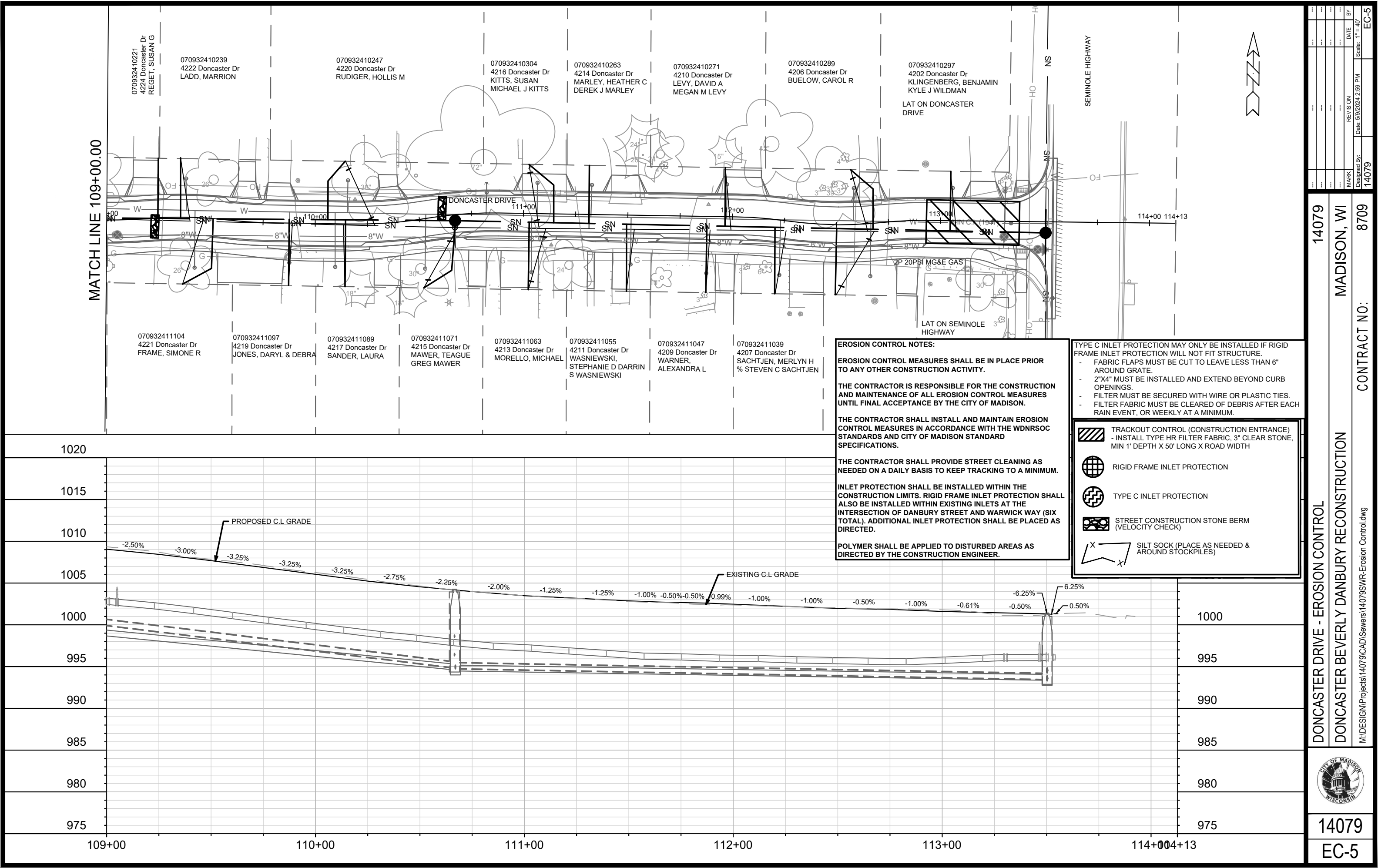
DONCASTER DRIVE - EROSION CONTROL

DONCASTER BEVERLY DANBURY RECONSTRUCTION

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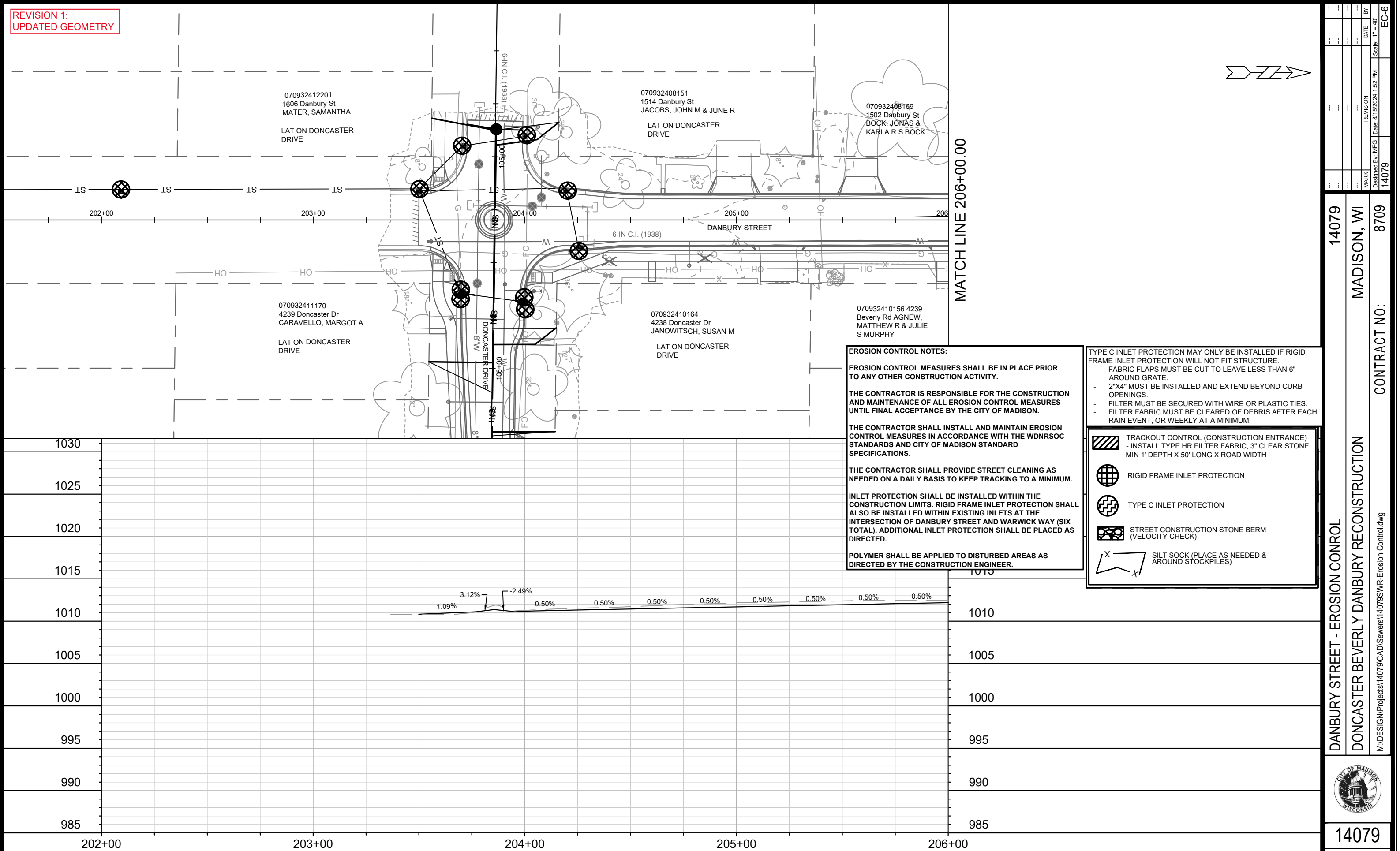


14079
EC-4



14079		MADISON, WI		CONTRACT NO: 8709	
DONCASTER DRIVE - EROSION CONTROL		DONCASTER BEVERLY DANBURY RECONSTRUCTION		M:\DESIGN\Projects\14079\CAD\Sewers\14079SWR-Erosion Control.dwg	
14079		EC-5		14079	
MARK		REVISION		DATE	
Designed By:		Date: 5/9/2024 2:59 PM		BY	
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REVISION 1: UPDATED GEOMETRY

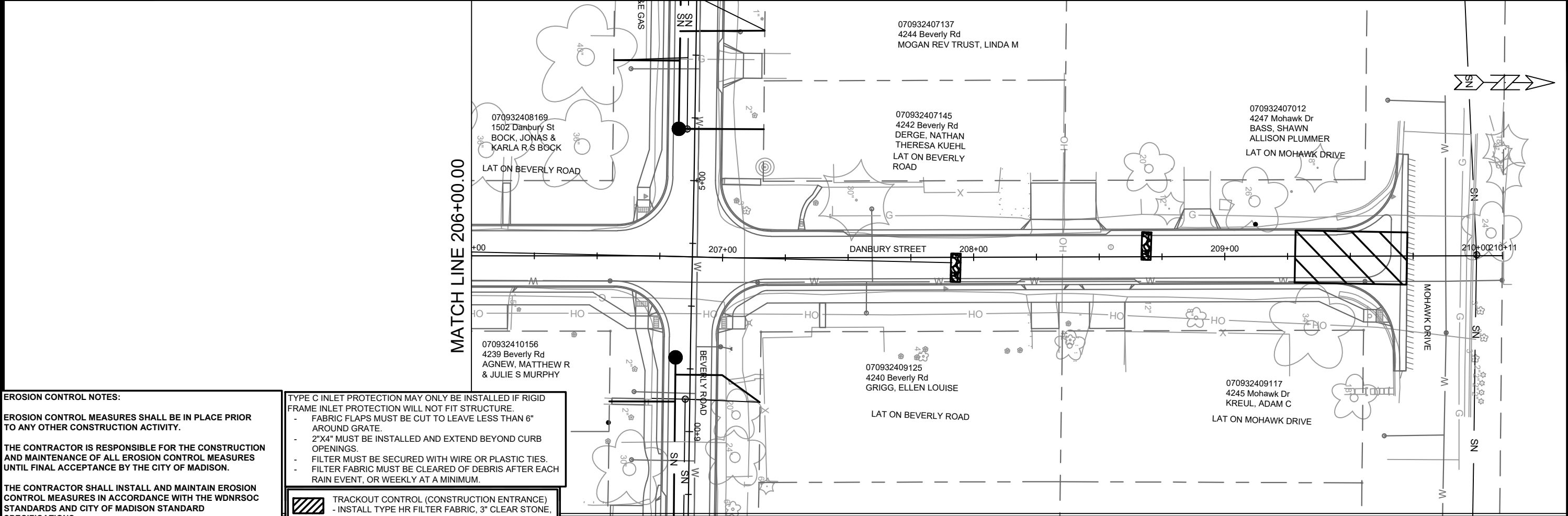


MARK	REVISION	DATE	BY
14079	8/15/2024 1:52 PM	Scale: 1" = 40'	EC-6

14079	MADISON, WI	8709
CONTRACT NO:		

DANBURY STREET - EROSION CONTROL
DONCASTER BEVERLY DANBURY RECONSTRUCTION
M:\DESIGN\Projects\14079\CAD\Sewers\14079SWR-Erosion Control.dwg

14079
EC-6



EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

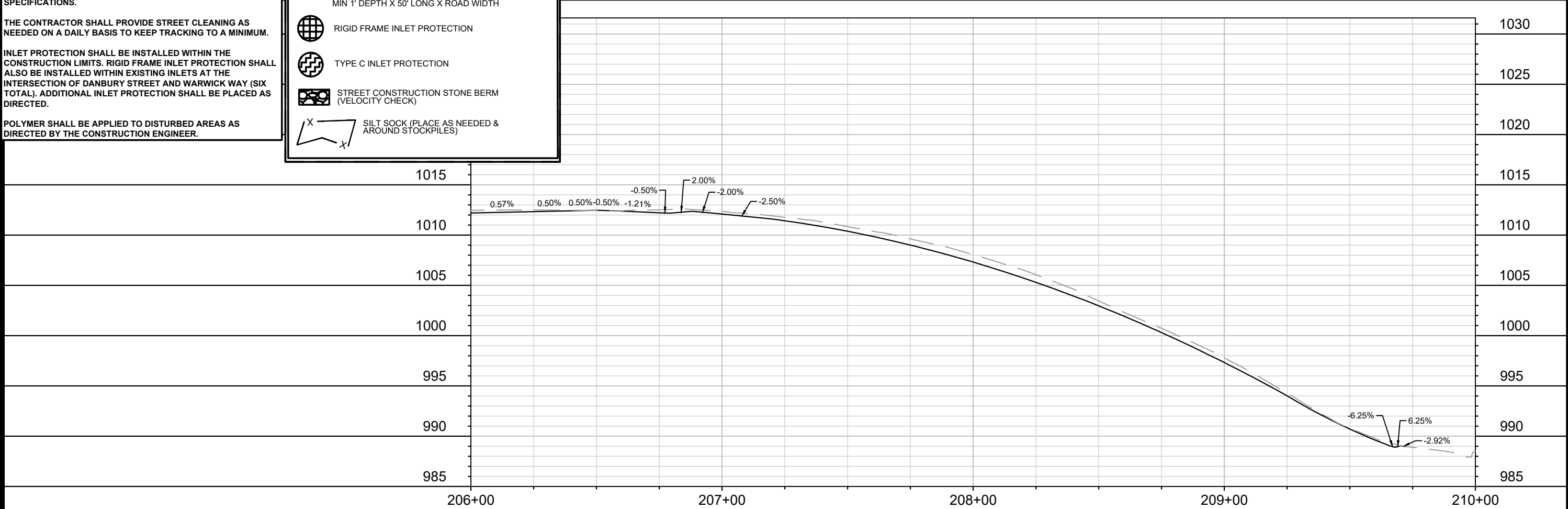
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. RIGID FRAME INLET PROTECTION SHALL ALSO BE INSTALLED WITHIN EXISTING INLETS AT THE INTERSECTION OF DANBURY STREET AND WARWICK WAY (SIX TOTAL). ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

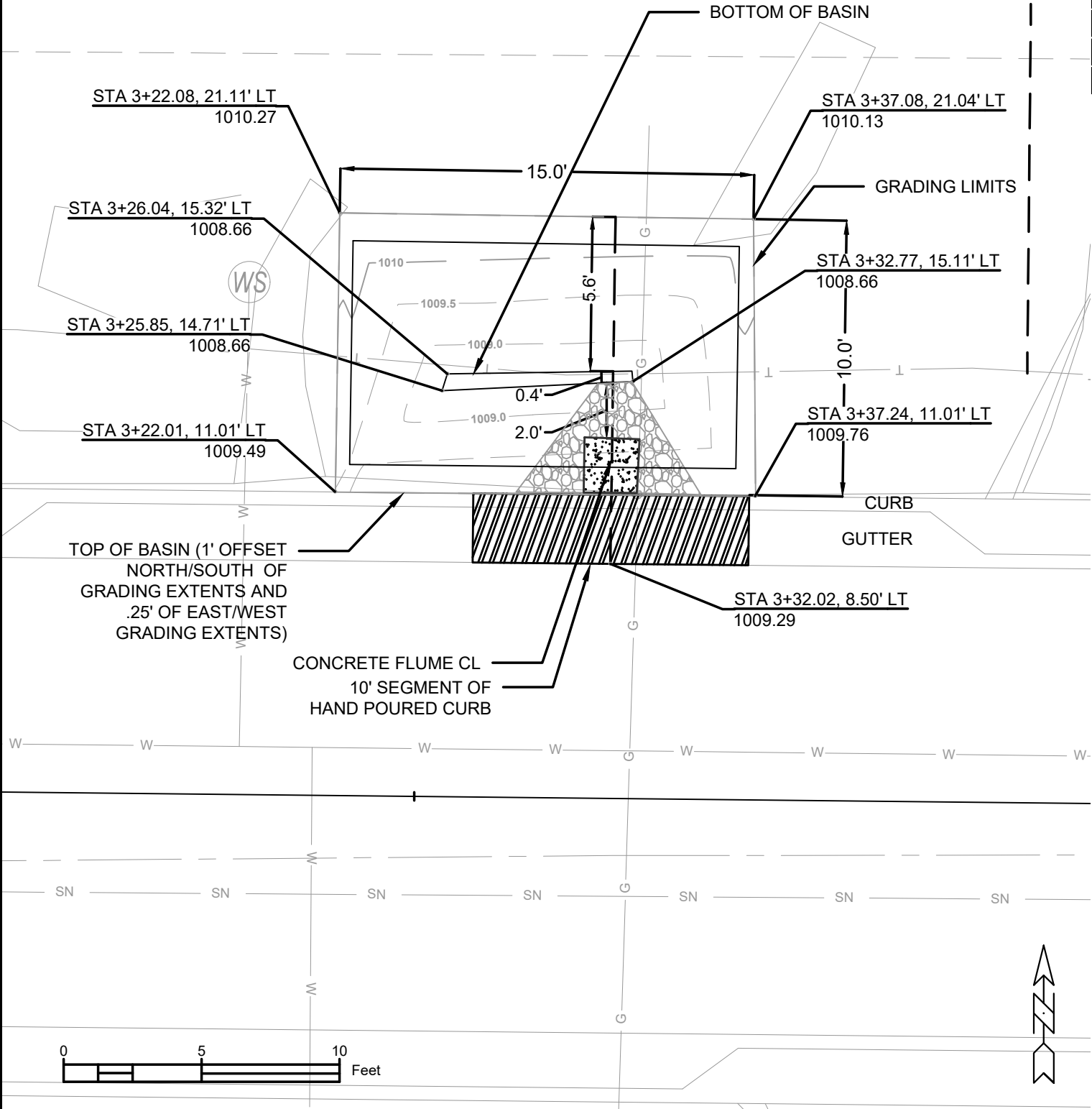
- TYPE C INLET PROTECTION MAY ONLY BE INSTALLED IF RIGID FRAME INLET PROTECTION WILL NOT FIT STRUCTURE.
- FABRIC FLAPS MUST BE CUT TO LEAVE LESS THAN 6" AROUND GRATE.
 - 2"x4" MUST BE INSTALLED AND EXTEND BEYOND CURB OPENINGS.
 - FILTER MUST BE SECURED WITH WIRE OR PLASTIC TIES.
 - FILTER FABRIC MUST BE CLEARED OF DEBRIS AFTER EACH RAIN EVENT, OR WEEKLY AT A MINIMUM.
-  TRACKOUT CONTROL (CONSTRUCTION ENTRANCE)
- INSTALL TYPE HR FILTER FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM (VELOCITY CHECK)
-  SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



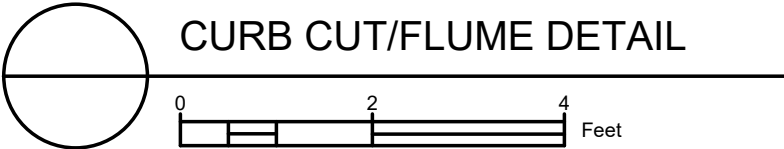
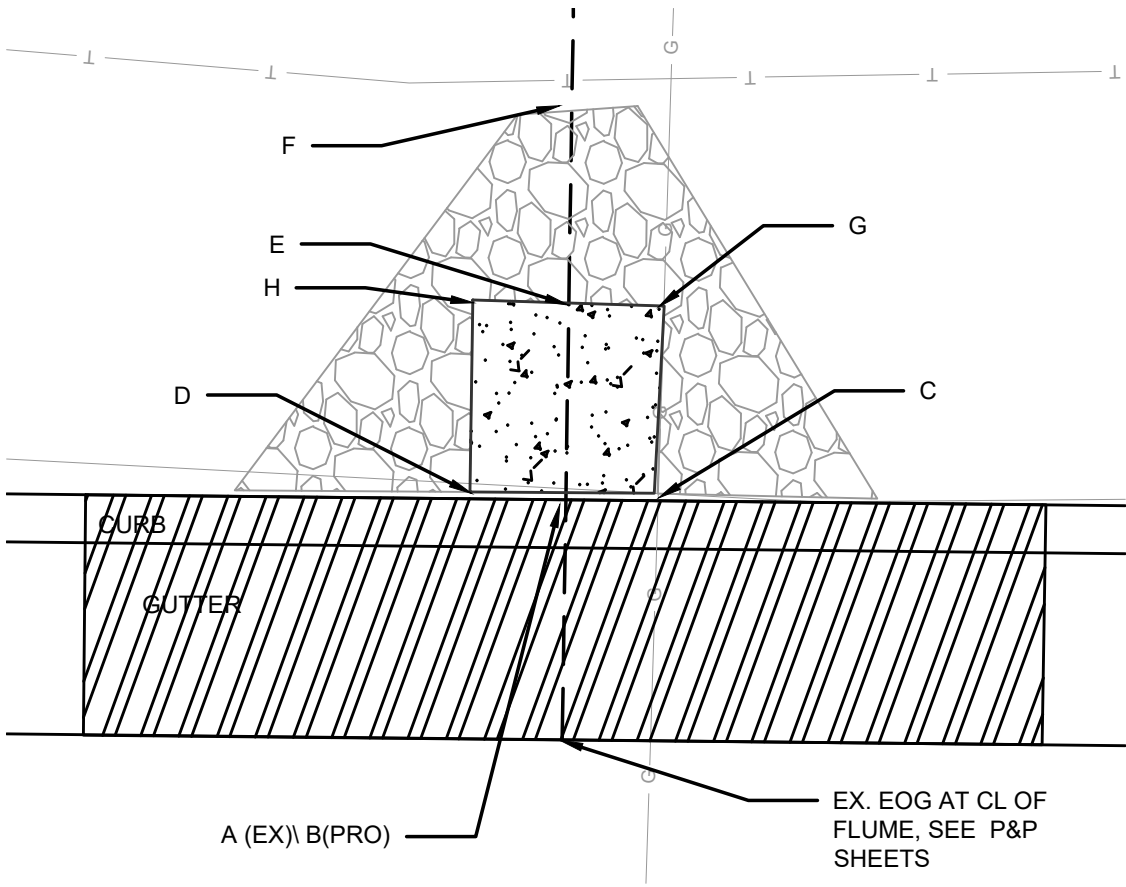
14079	MADISON, WI	8709	CONTRACT NO:
DANBURY STREET - EROSION CONTROL			
DONCASTER BEVERLY DANBURY RECONSTRUCTION			
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14079			EC-7

REVISION 1:
UPDATED TO
NEAREST ALIGNMENT

070932407111
4250 Beverly Rd
Porter Joel S
Alexandra N Susman



		Pond depth (inches) from pt. A/Pond depth (inches) @ overflow	6(IN)/9.5 (IN)
Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	1009.29
A	Standard Gutter Flow Line at CL of Flume	0	1009.17
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	1009.00
C	Edge of Flume @ Gutter (Uphill)	varies	1009.21
D	Edge of Flume @ Gutter (Downhill)	varies	1009.13
E	Bottom of Flume at CL	-.33'(4")	1008.83
F	Bottom of Stone/Pond	-.5'(6")	1008.66
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	1009.13
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	1009.04



- NOTES:
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM OF BASIN.

14079

MADISON, WI

CONTRACT NO: 8709

GREEN INFRASTRUCTURE 4250 BEVERLY

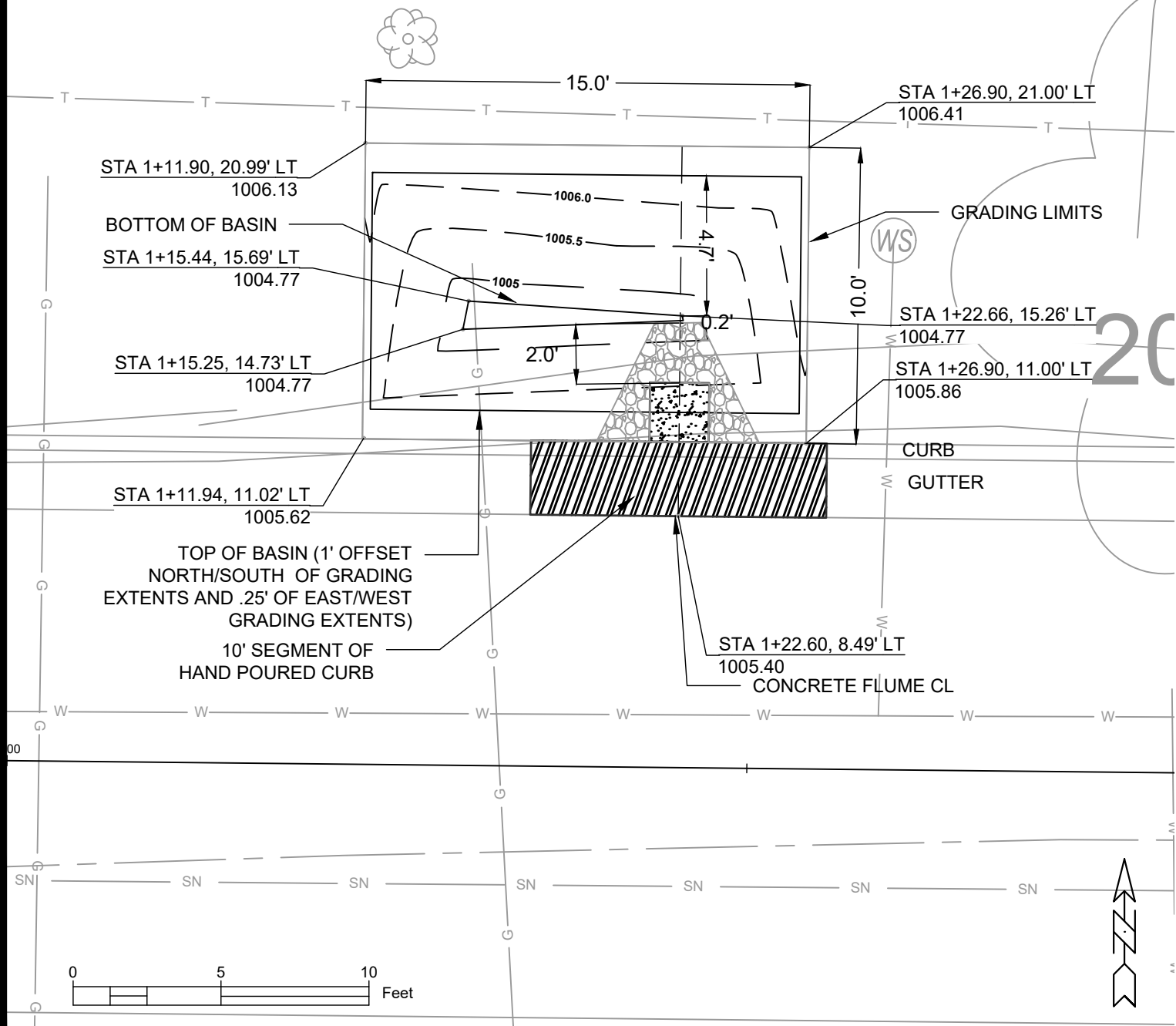
DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION

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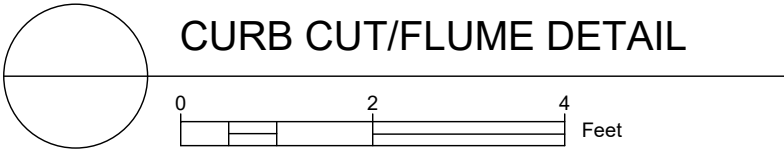
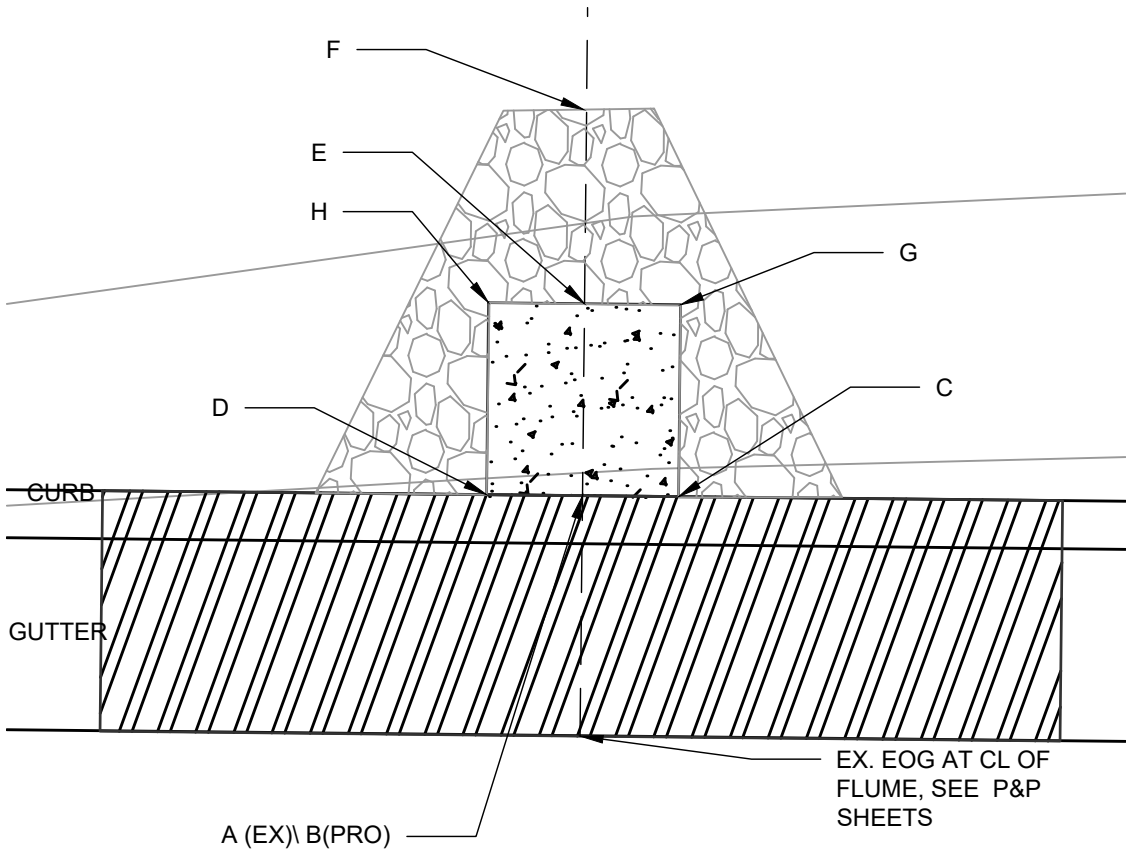
8709

GI-1

070932407088
4256 Beverly Rd
Pokrandt, Thomas & Amy



Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	1005.40
A	Standard Gutter Flow Line at CL of Flume	0	1005.28
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	1005.11
C	Edge of Flume @ Gutter (Uphill)	varies	1005.33
D	Edge of Flume @ Gutter (Downhill)	varies	1005.24
E	Bottom of Flume at CL	-.33'(4")	1004.94
F	Bottom of Stone/Pond	-.5'(6")	1004.77
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	1005.24
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	1005.15



- NOTES:
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM OF BASIN.

14079

MADISON, WI

8709

CONTRACT NO:

GREEN INFRASTRUCTURE 4256 BEVERLY

DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION

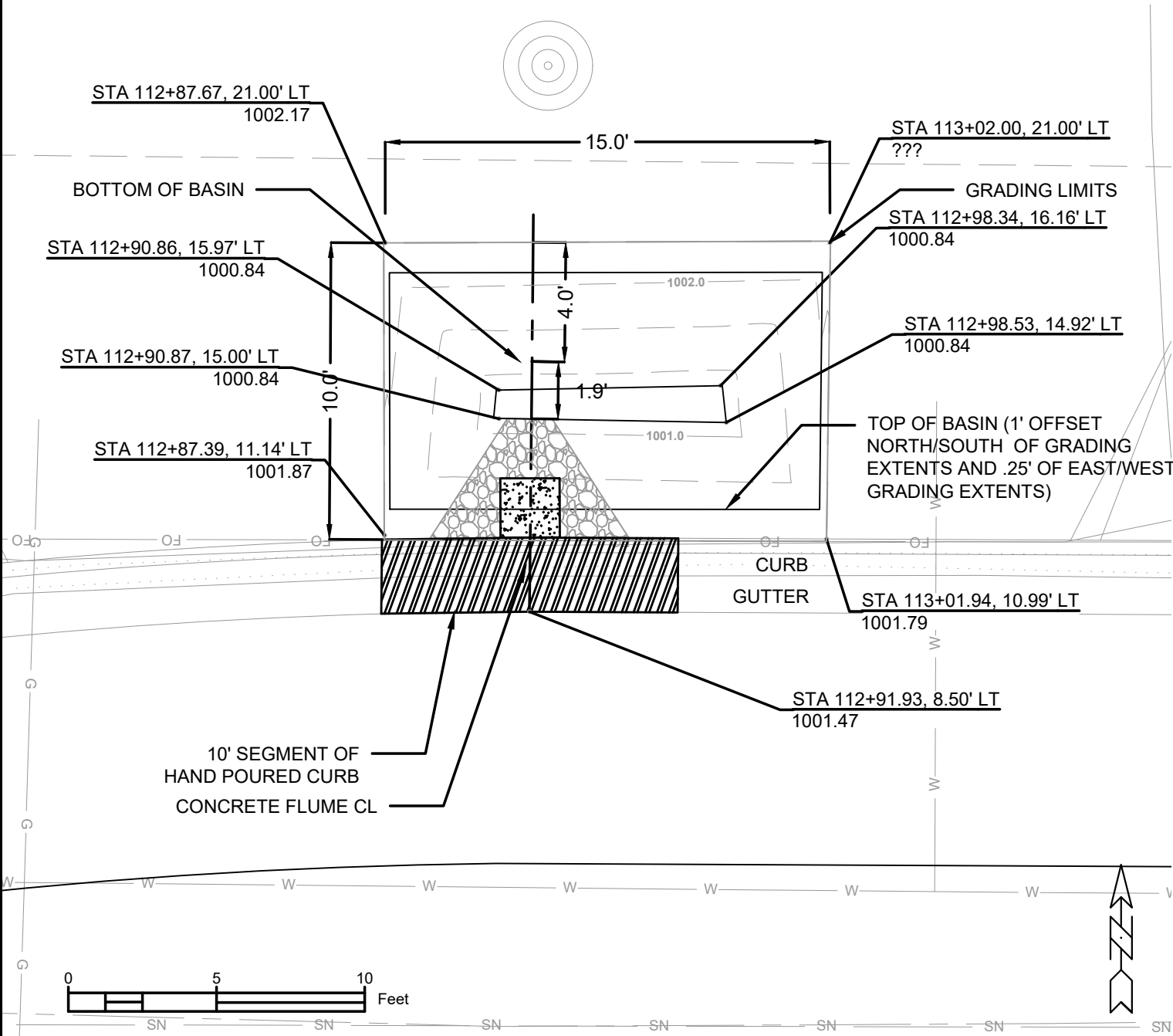
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8709

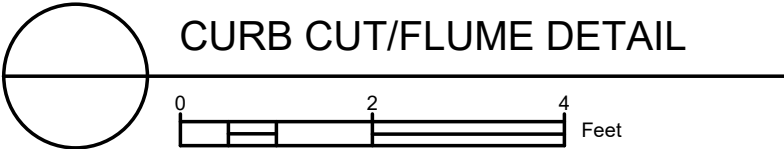
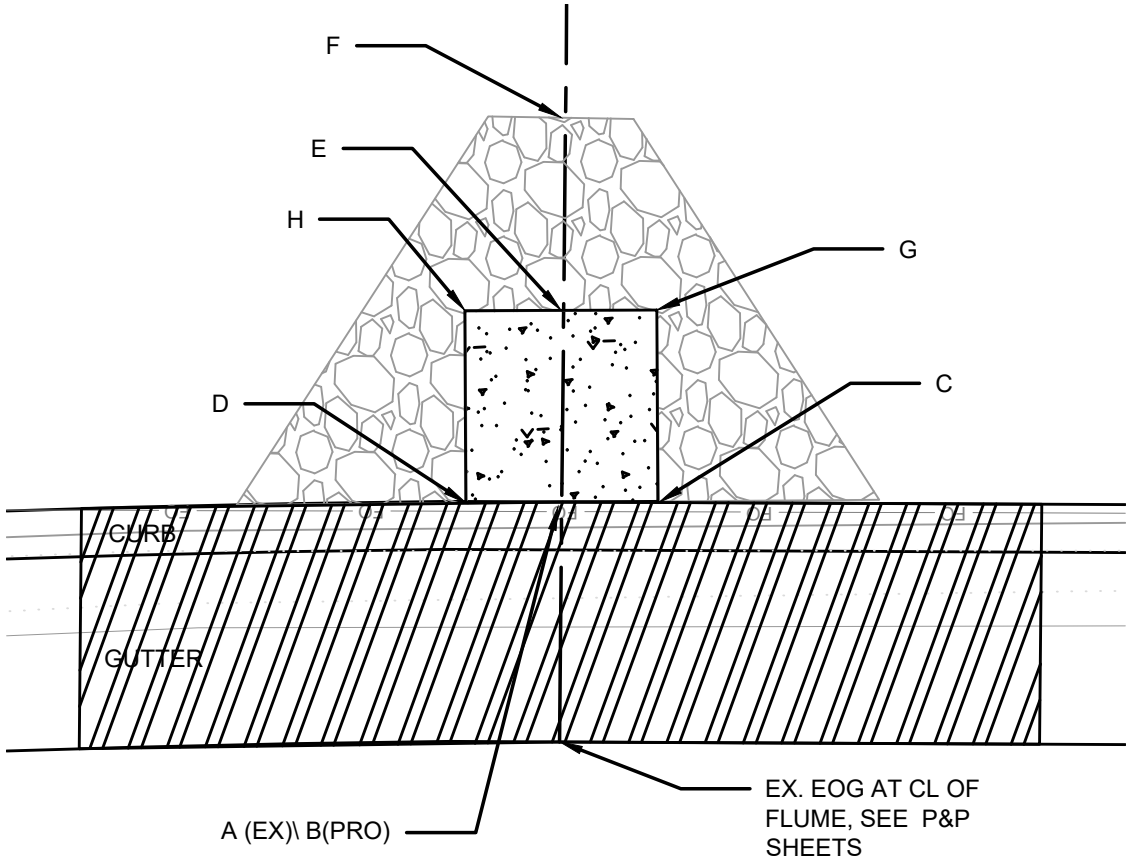
GI-2

REVISION 1:
UPDATED TO
NEAREST ALIGNMENT

070932410297
4202 Doncaster Dr
Klingenberg, Benjamin
Kyle J Wildman



Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	1001.47
A	Standard Gutter Flow Line at CL of Flume	0	1001.35
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	1001.18
C	Edge of Flume @ Gutter (Uphill)	varies	1001.36
D	Edge of Flume @ Gutter (Downhill)	varies	1001.29
E	Bottom of Flume at CL	-.33'(4")	1001.01
F	Bottom of Stone/Pond	-.5'(6")	1000.84
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	1001.27
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	1001.20



- NOTES:
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM OF BASIN.

14079

MADISON, WI

8709

CONTRACT NO:

GREEN INFRASTRUCTURE 4202 BEVERLY

DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION

8709

GI-3

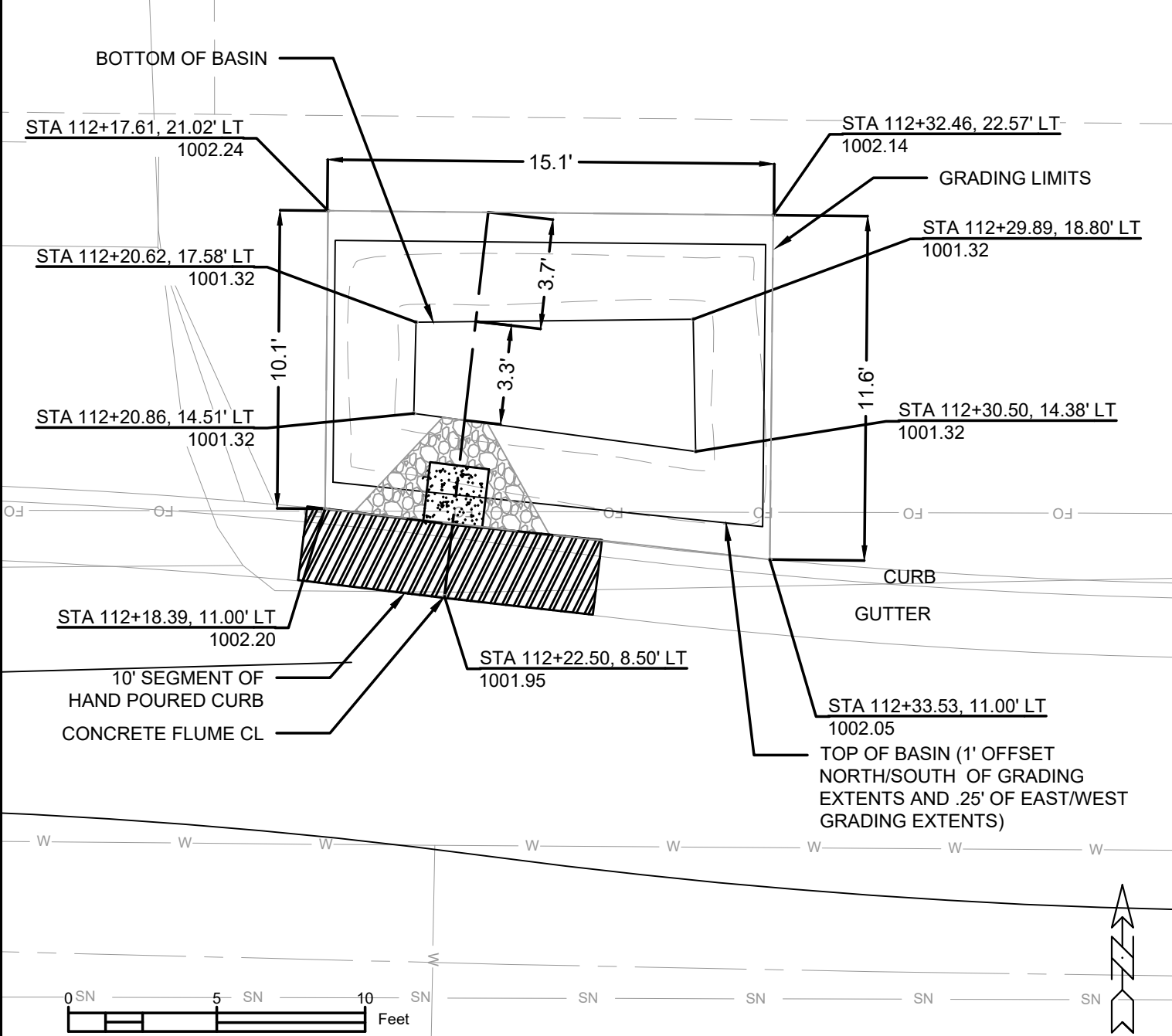
14079

8709

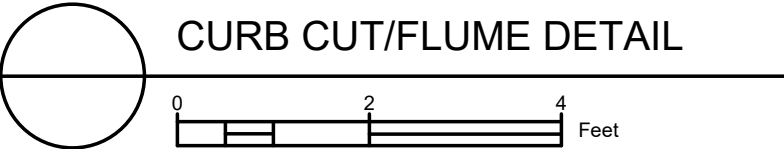
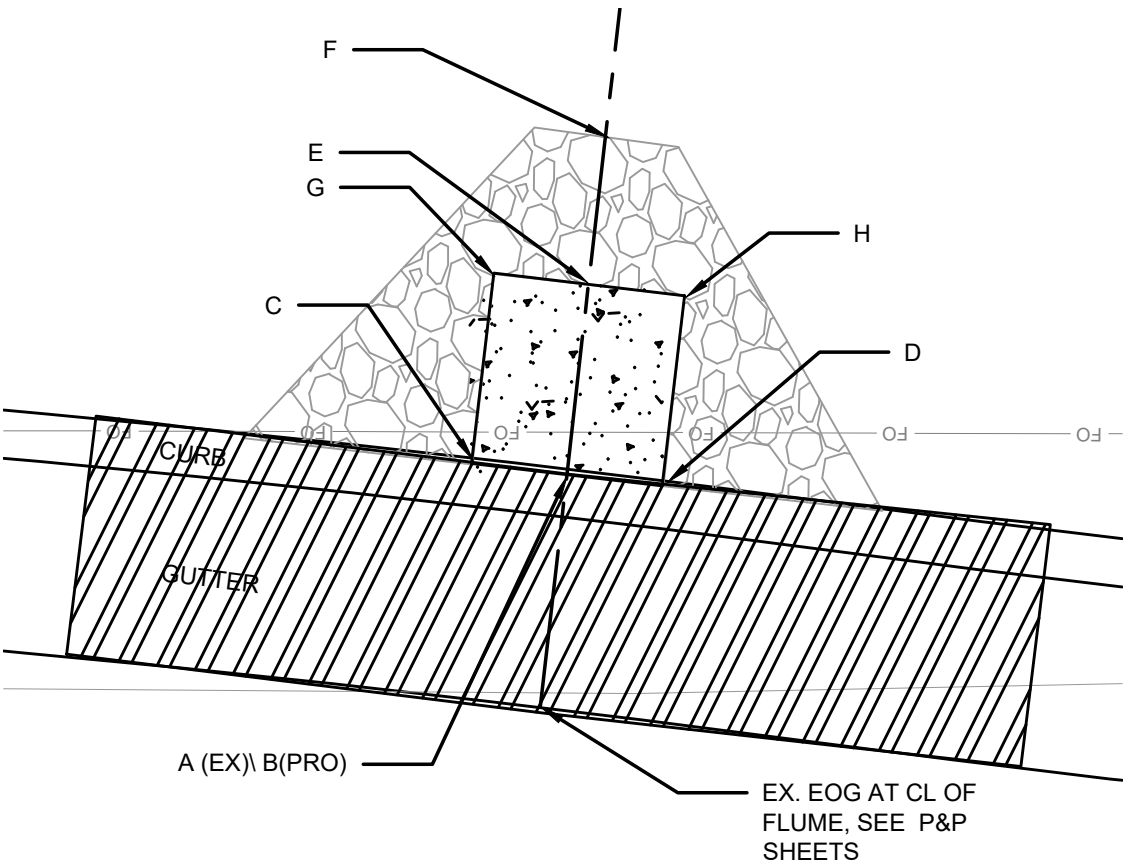
GI 4

REVISION 1:
UPDATED TO
NEAREST ALIGNMENT

070932410286
4206 Doncaster Dr
Buelow, Carol R.



		Pond depth (inches) from pt. A/Pond depth (inches) @ overflow	6(IN)/9.5 (IN)
Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	1001.95
A	Standard Gutter Flow Line at CL of Flume	0	1001.83
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	1001.66
C	Edge of Flume @ Gutter (Uphill)	varies	1001.60
D	Edge of Flume @ Gutter (Downhill)	varies	1001.65
E	Bottom of Flume at CL	-.33'(4")	1001.49
F	Bottom of Stone/Pond	-.5'(6")	1001.32
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	1001.51
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	1001.56



- NOTES:
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM OF BASIN.

14079

MADISON, WI

CONTRACT NO: 8709

GREEN INFRASTRUCTURE 4206 DONCASTER

DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION

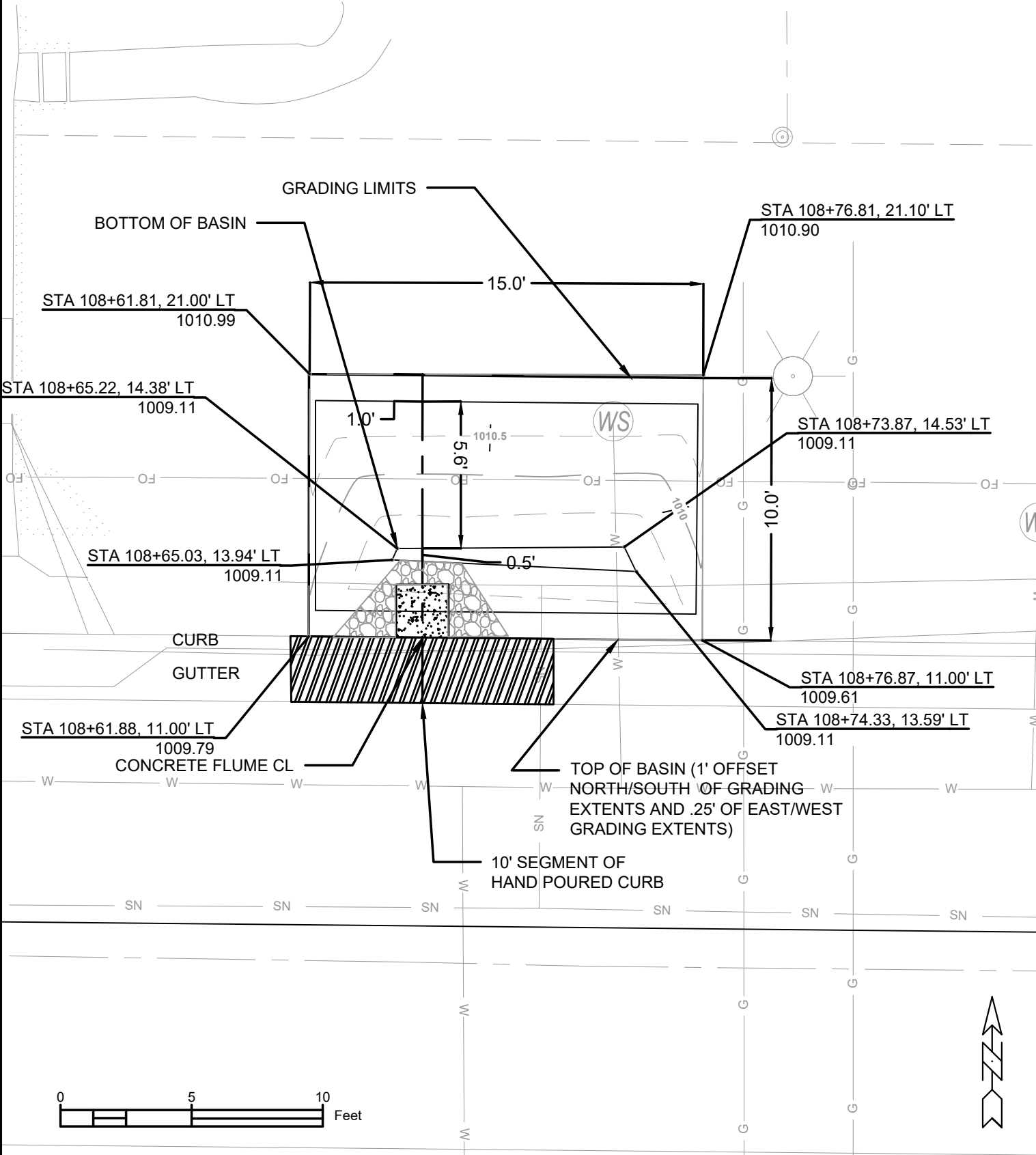
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8709

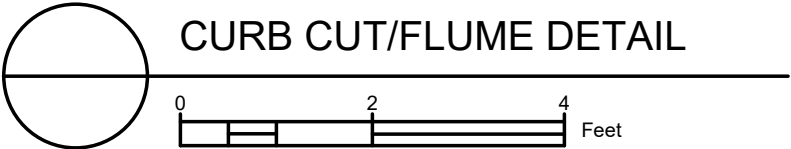
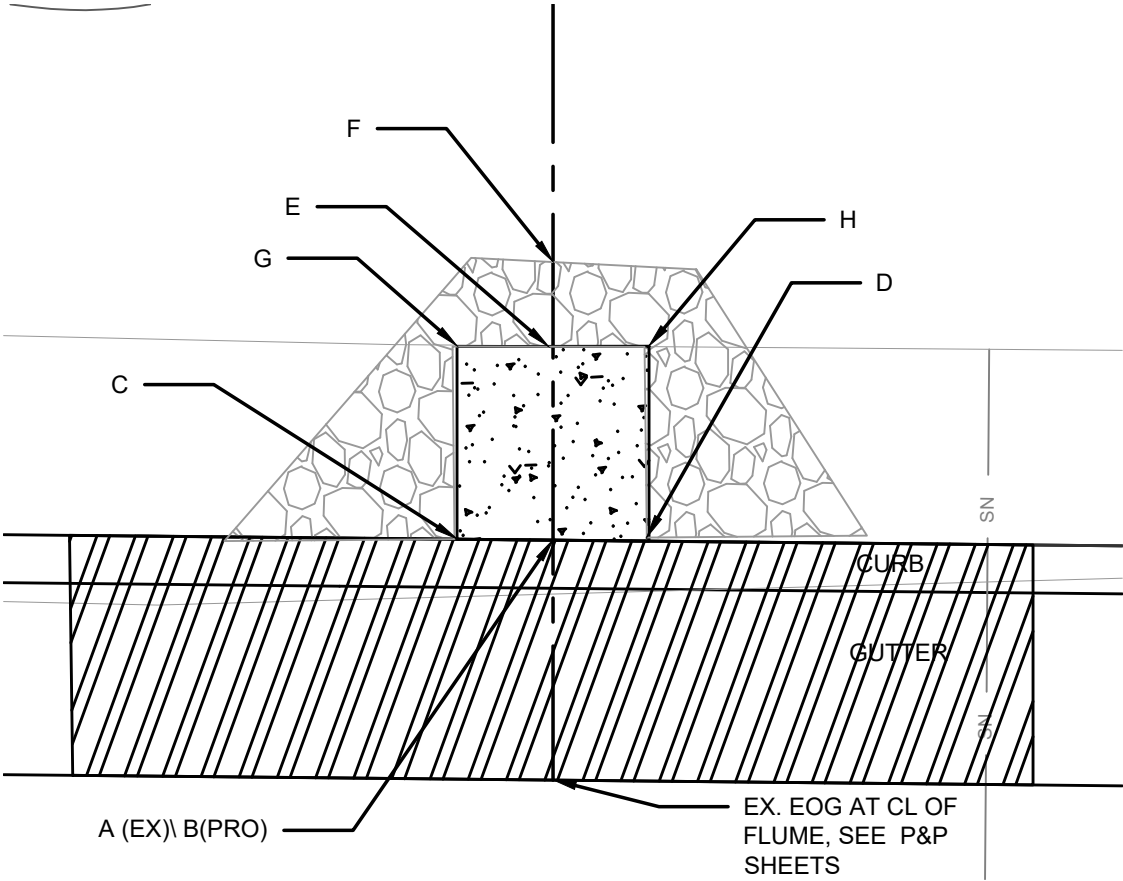
GI-4

REVISION 1:
UPDATED TO
NEAREST ALIGNMENT

070932410213
4226 Doncaster Dr
Williams, Jacqueline



Point	Point Description	Distance from Existing FlowLine (ft)	Elevation
	Ex. EOG at CL of Flume	+0.125	1009.74
A	Standard Gutter Flow Line at CL of Flume	0	1009.62
B	Pro. Gutter Flow Line at CL of Flume Meeting Curb	-.17'(2")	1009.45
C	Edge of Flume @ Gutter (Uphill)	varies	1009.46
D	Edge of Flume @ Gutter (Downhill)	varies	1009.47
E	Bottom of Flume at CL	-.33'(4")	1009.28
F	Bottom of Stone/Pond	-.5'(6")	1009.11
G	Edge of Flume @ Bottom of Basin (Uphill)	varies	1009.37
H	Edge of Flume @ Bottom of Basin (Downhill)	varies	1009.39



- NOTES:
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM OF BASIN.

14079

MADISON, WI

CONTRACT NO: 8709

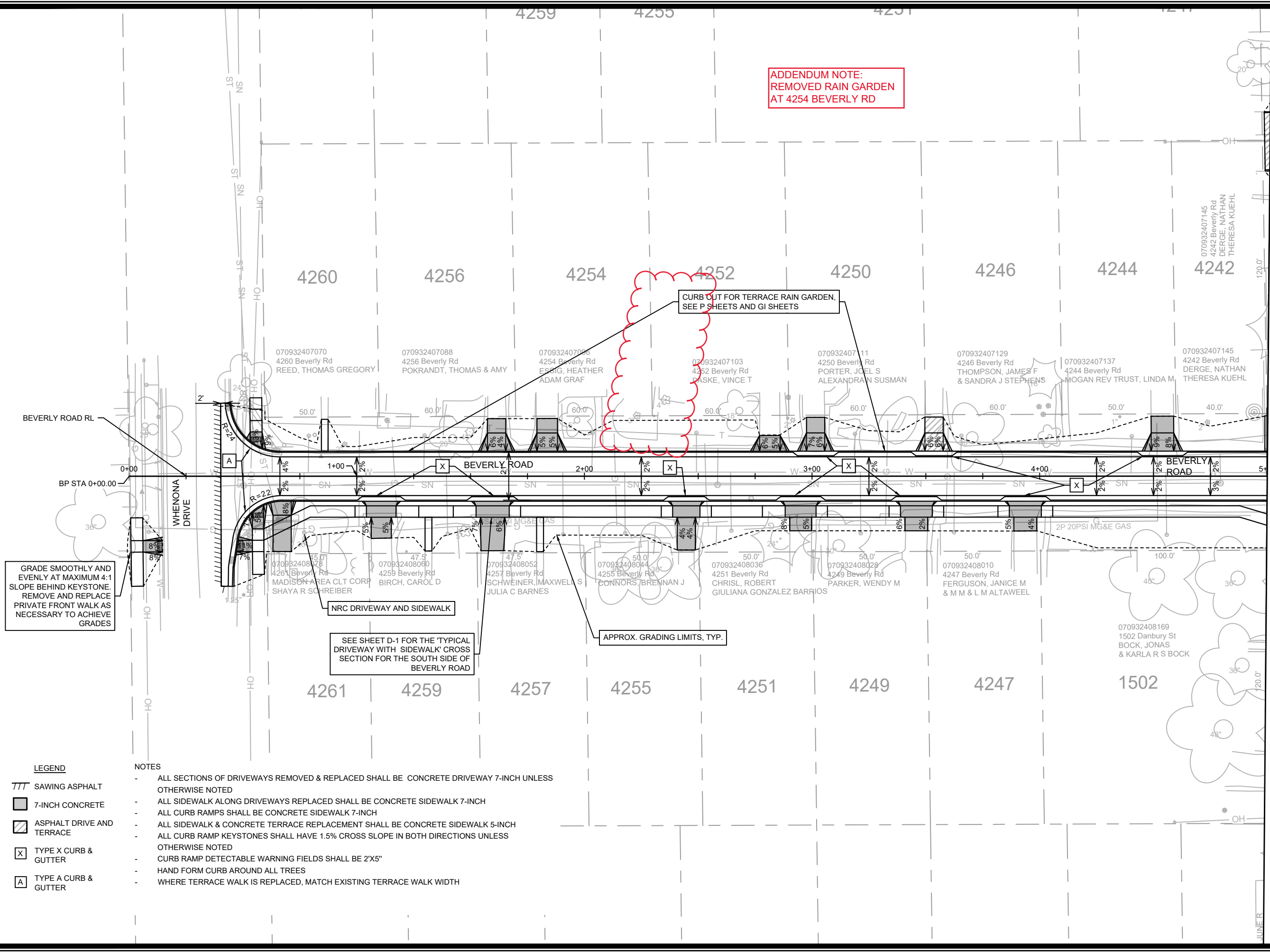
GREEN INFRASTRUCTURE 4226 DONCASTER

DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION

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8709

GI-5



ADDENDUM NOTE:
REMOVED RAIN GARDEN
AT 4254 BEVERLY RD

CURB CUT FOR TERRACE RAIN GARDEN,
SEE P SHEETS AND GI SHEETS

GRADE SMOOTHLY AND
EVENLY AT MAXIMUM 4:1
SLOPE BEHIND KEYSTONE.
REMOVE AND REPLACE
PRIVATE FRONT WALK AS
NECESSARY TO ACHIEVE
GRADES

NRC DRIVEWAY AND SIDEWALK

SEE SHEET D-1 FOR THE 'TYPICAL
DRIVEWAY WITH SIDEWALK' CROSS
SECTION FOR THE SOUTH SIDE OF
BEVERLY ROAD

APPROX. GRADING LIMITS, TYP.

MATCH LINE 5+00.00

LEGEND

- SAWING ASPHALT
- 7-INCH CONCRETE
- ASPHALT DRIVE AND TERRACE
- TYPE X CURB & GUTTER
- TYPE A CURB & GUTTER

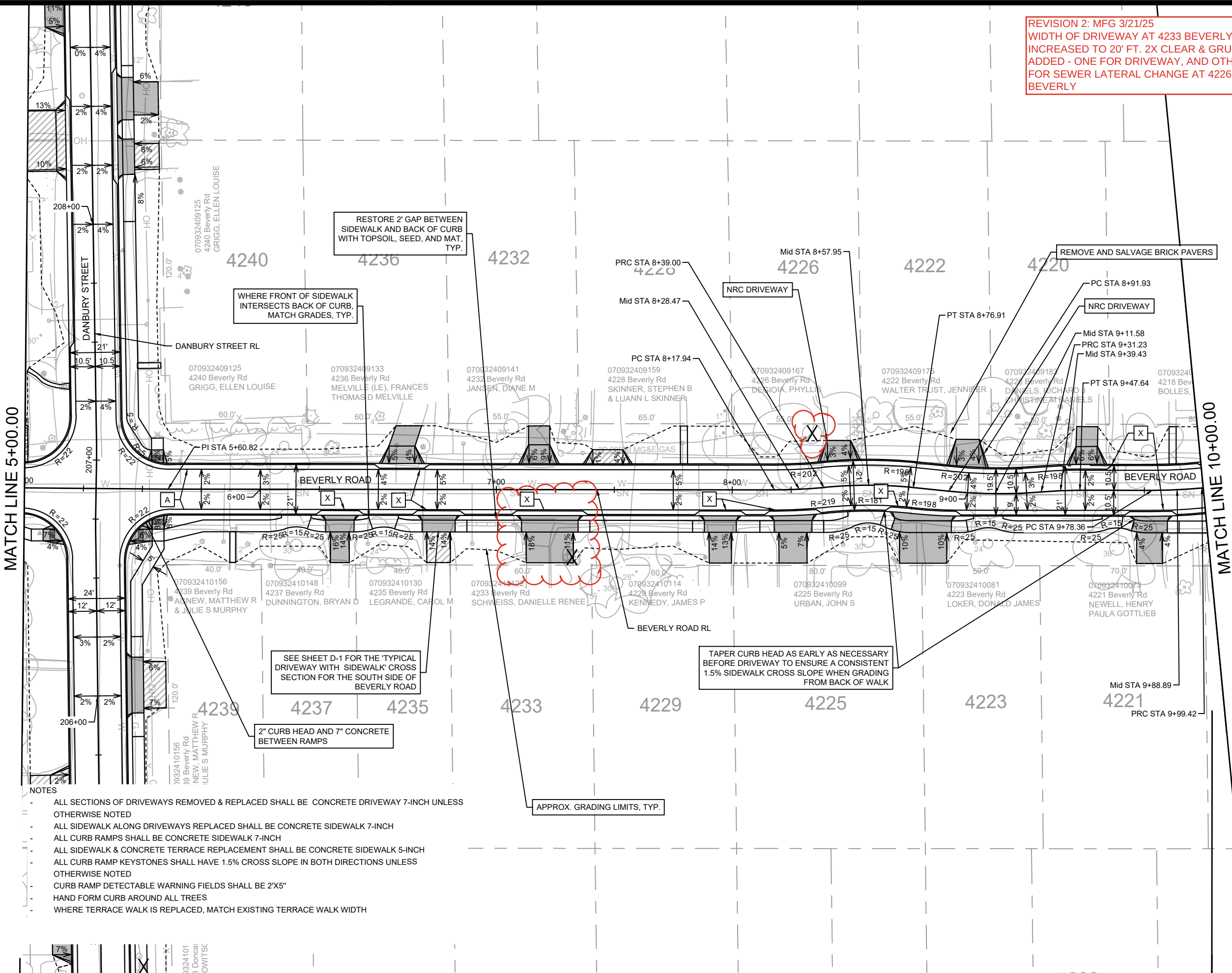
NOTES

- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS OTHERWISE NOTED
- ALL SIDEWALK ALONG DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
- ALL CURB RAMP KEYSTONES SHALL HAVE 1.5% CROSS SLOPE IN BOTH DIRECTIONS UNLESS OTHERWISE NOTED
- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5"
- HAND FORM CURB AROUND ALL TREES
- WHERE TERRACE WALK IS REPLACED, MATCH EXISTING TERRACE WALK WIDTH



PLAN DETAILS BEVERLY ROAD		14079
DONCASTER BEVERLY DANBURY RECONSTRUCTION		MADISON, WI
M:\DESIGN\Projects\14079\CAD\Streets\14079EN-PnP.dwg		CONTRACT NO: 8709
		14079
14079		PD-1

MARK	AD#1	REVISION	DATE	BY
...	...	...	5/17/24	MFG
Designed By: MFG			Date: 5/17/2024 10:37 AM	Scale: 1" = 40'
14079			PD-1	



REVISION 2: MFG 3/21/25
 WIDTH OF DRIVEWAY AT 4233 BEVERLY
 INCREASED TO 20' FT. 2X CLEAR & GRUB
 ADDED - ONE FOR DRIVEWAY, AND OTHER
 FOR SEWER LATERAL CHANGE AT 4226
 BEVERLY



MATCH LINE 5+00.00

MATCH LINE 10+00.00

- LEGEND**
- SAWING ASPHALT
 - 7-INCH CONCRETE
 - ASPHALT DRIVE & TERRACE
 - X TYPE X CURB & GUTTER
 - A TYPE A CURB & GUTTER
 - X CLEAR & GRUB
- NOTES**
- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS OTHERWISE NOTED
 - ALL SIDEWALK ALONG DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
 - ALL CURB RAMP KEYSTONES SHALL HAVE 1.5% CROSS SLOPE IN BOTH DIRECTIONS UNLESS OTHERWISE NOTED
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5"
 - HAND FORM CURB AROUND ALL TREES
 - WHERE TERRACE WALK IS REPLACED, MATCH EXISTING TERRACE WALK WIDTH

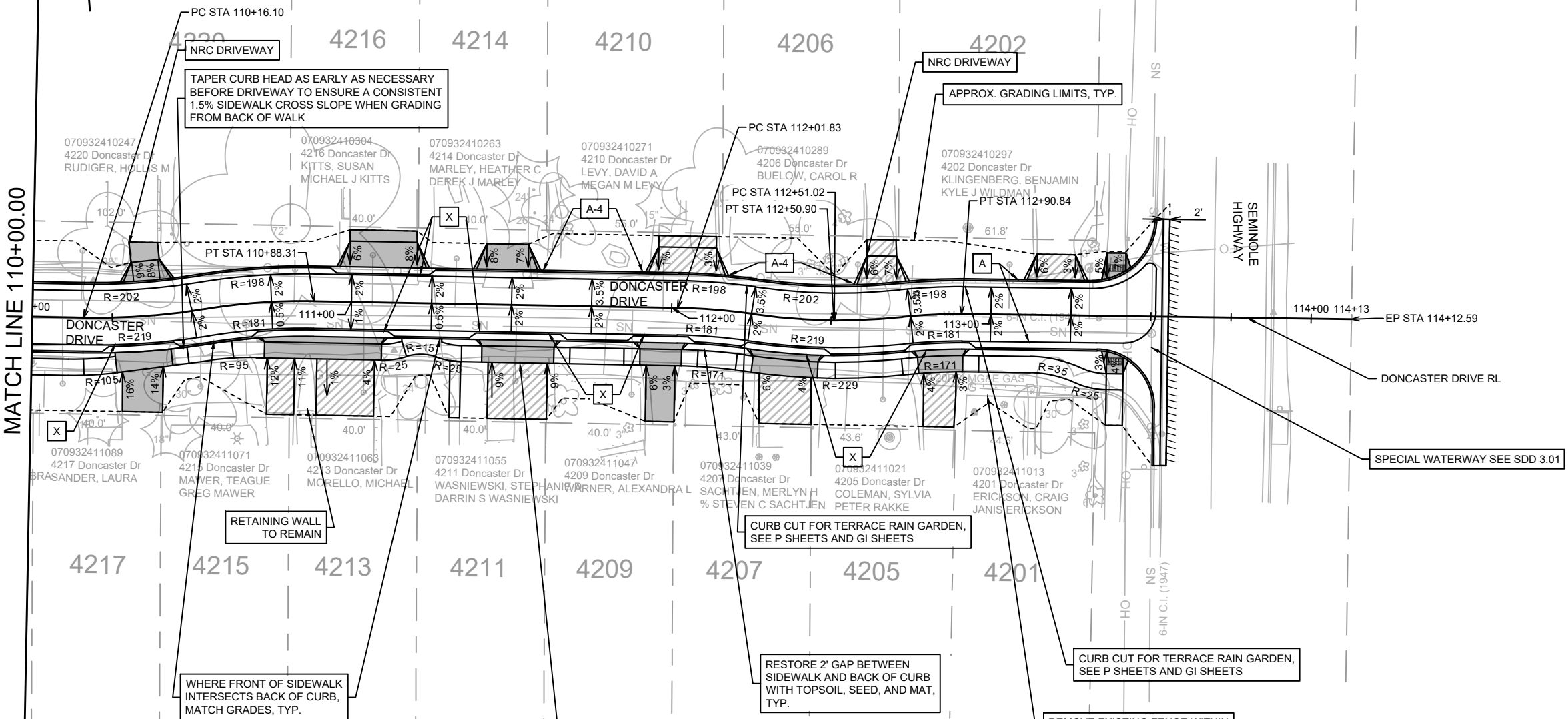
APPROX. GRADING LIMITS, TYP.

14079		MADISON, WI		8709		PD-2	
PLAN DETAILS BEVERLY ROAD		DONCASTER BEVERLY DANBURY RECONSTRUCTION		CONTRACT NO.:			
CITY OF MADISON WISCONSIN		M:\DESIGN\Projects\14079\CAD\Streets\14079EN-PnP.dwg					
14079		PD-2					

REVISION 1:
UPDATED DRIVEWAYS
TO MATCH LATERAL
GEOMETRY



MATCH LINE 110+00.00



- LEGEND**
- SAWING ASPHALT
 - 7-INCH CONCRETE
 - ASPHALT DRIVE & TERRACE
 - TYPE X CURB & GUTTER
 - TYPE A CURB & GUTTER
 - MODIFIED 4" TYPE A CURB & GUTTER

- NOTES**
- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS OTHERWISE NOTED
 - ALL SIDEWALK ALONG DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
 - ALL CURB RAMP KEYSTONES SHALL HAVE 1.5% CROSS SLOPE IN BOTH DIRECTIONS UNLESS OTHERWISE NOTED
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5"
 - HAND FORM CURB AROUND ALL TREES
 - WHERE TERRACE WALK IS REPLACED, MATCH EXISTING TERRACE WALK WIDTH

SEE SHEET D-1 FOR THE 'TYPICAL DRIVEWAY WITH SIDEWALK' CROSS SECTION FOR THE SOUTH SIDE OF DONCASTER DRIVE

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14079	14079	5/17/2024	MFG	PD-5
Designed By: MFG	Date: 8/21/2024 2:49 PM	Scale: 1" = 40'		

14079
MADISON, WI
8709
CONTRACT NO:

PLAN DETAILS DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
PD-5

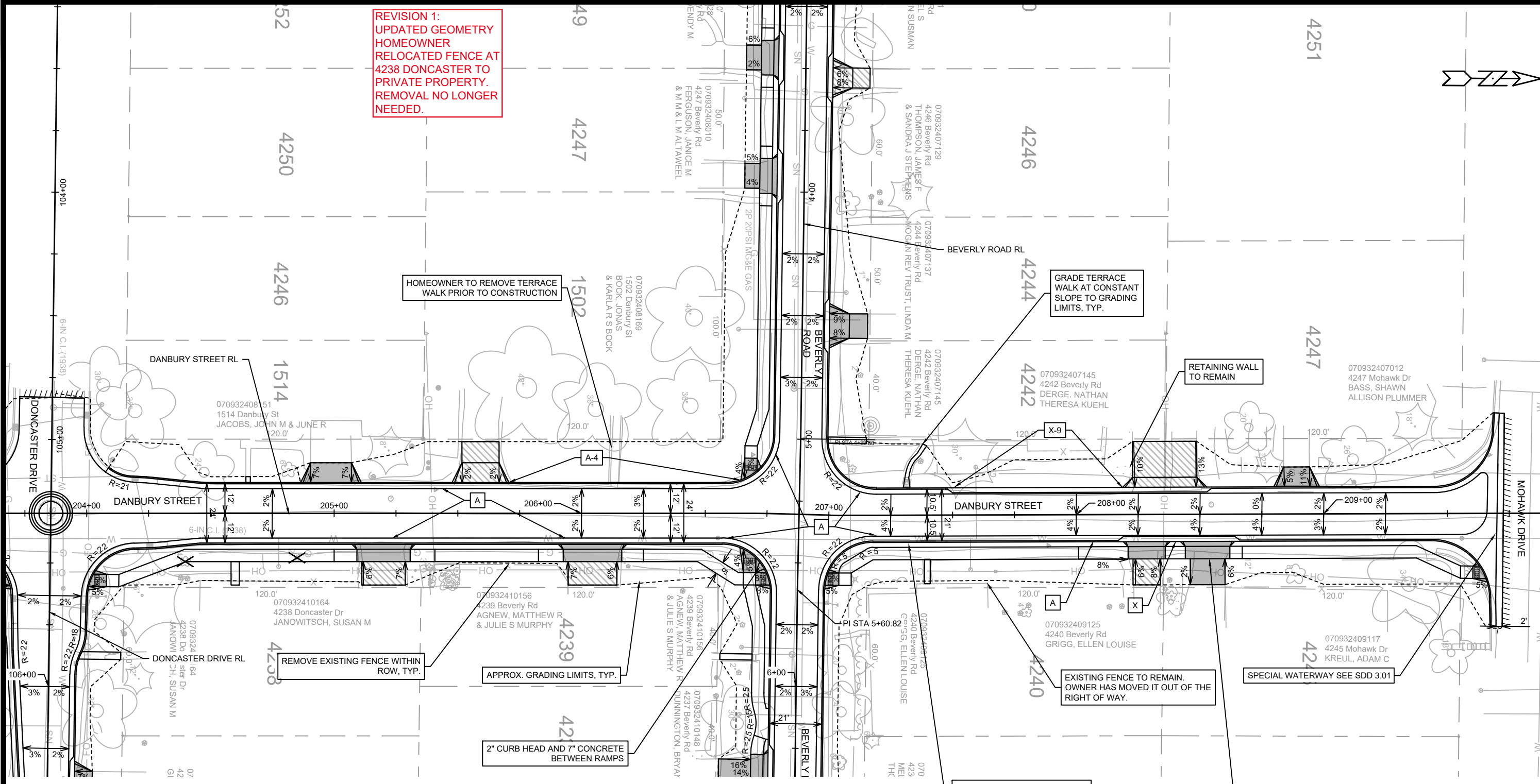
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REVISION	14079	MARK
DESIGNED BY	MFG	DATE
8/27/2024	2:49 PM	

6708
14079
CONTRACT NO.

PLAN DETAILS DANBURY STREET
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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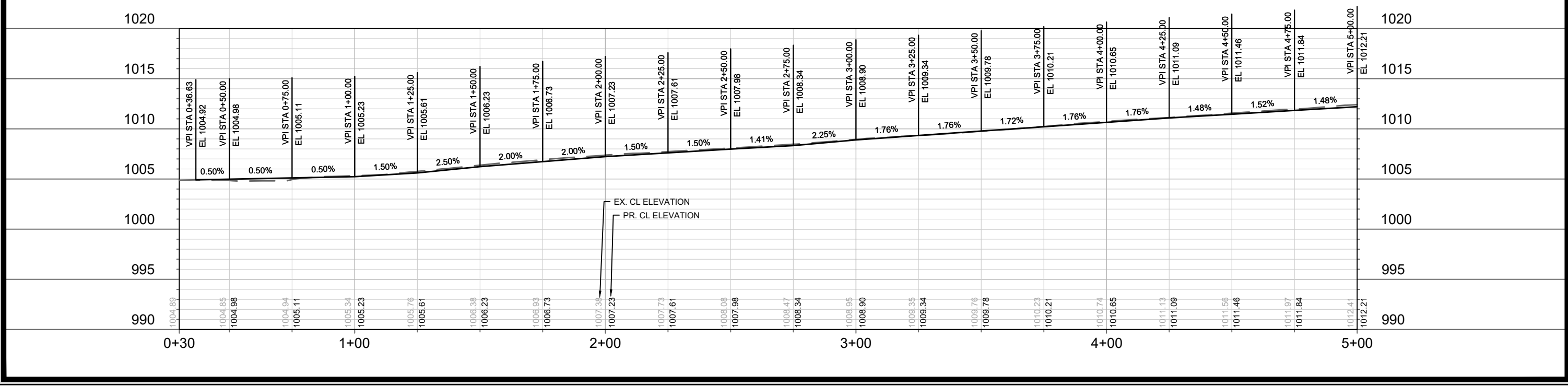
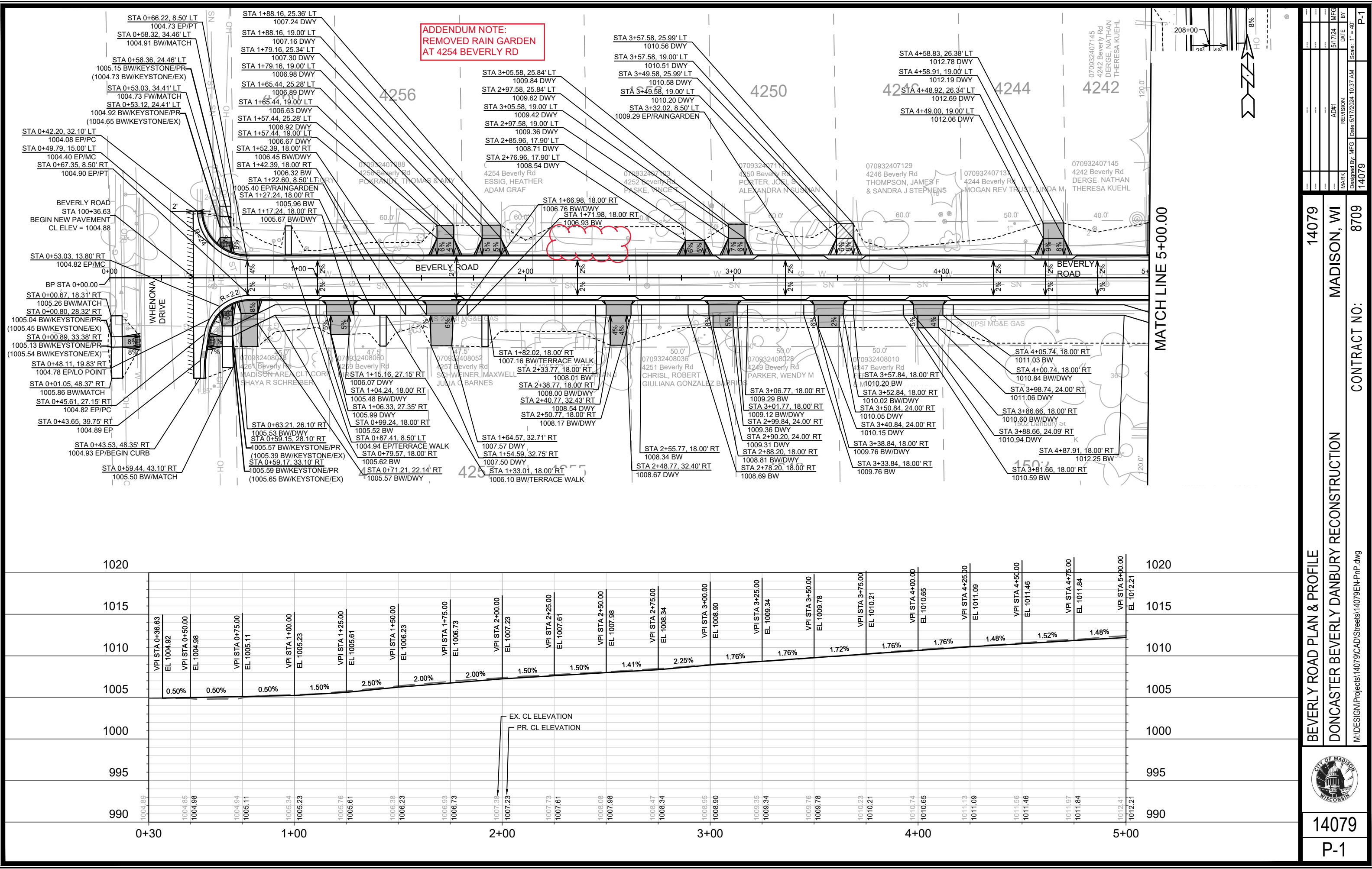


14079
PD-6



- NOTES
- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS OTHERWISE NOTED
 - ALL SIDEWALK ALONG DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
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 - ALL CURB RAMP KEYSTONES SHALL HAVE 1.5% CROSS SLOPE IN BOTH DIRECTIONS UNLESS OTHERWISE NOTED
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5"
 - HAND FORM CURB AROUND ALL TREES
 - WHERE TERRACE WALK IS REPLACED, MATCH EXISTING TERRACE WALK WIDTH

- LEGEND
- SAWING ASPHALT
 - 7-INCH CONCRETE
 - ASPHALT DRIVE & TERRACE
 - TYPE X CURB & GUTTER
 - TYPE A CURB & GUTTER
 - MODIFIED 9" TYPE X CURB & GUTTER
 - MODIFIED 4" TYPE A CURB & GUTTER
 - CLEAR & GRUB



14079

MADISON, WI

CONTRACT NO: 8709

BEVERLY ROAD PLAN & PROFILE

DONCASTER BEVERLY DANBURY RECONSTRUCTION

14079

P-1

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14079

5/17/24

5/17/24

AD#1

REVISION

DATE

BY

MARK

Scale: 1" = 40'

Date: 5/17/2024 10:37 AM

Designed By: MFG

REVISION 2: MFG 3/21/25
UPDATED TO MATCH PD SHEETS

MATCH LINE 5+00.00

MATCH LINE 10+00.00

1025

1025

1020

1020

1015

1015

1010

1010

1005

1005

1000

1000

995

995

5+00

6+00

7+00

8+00

9+00

10+00

BEVERLY ROAD PLAN & PROFILE

DONCASTER BEVERLY DANBURY RECONSTRUCTION

14079

MADISON, WI

CONTRACT NO: 8709

14079

MADISON, WI

CONTRACT NO: 8709



14079

P-2

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BY: MFG

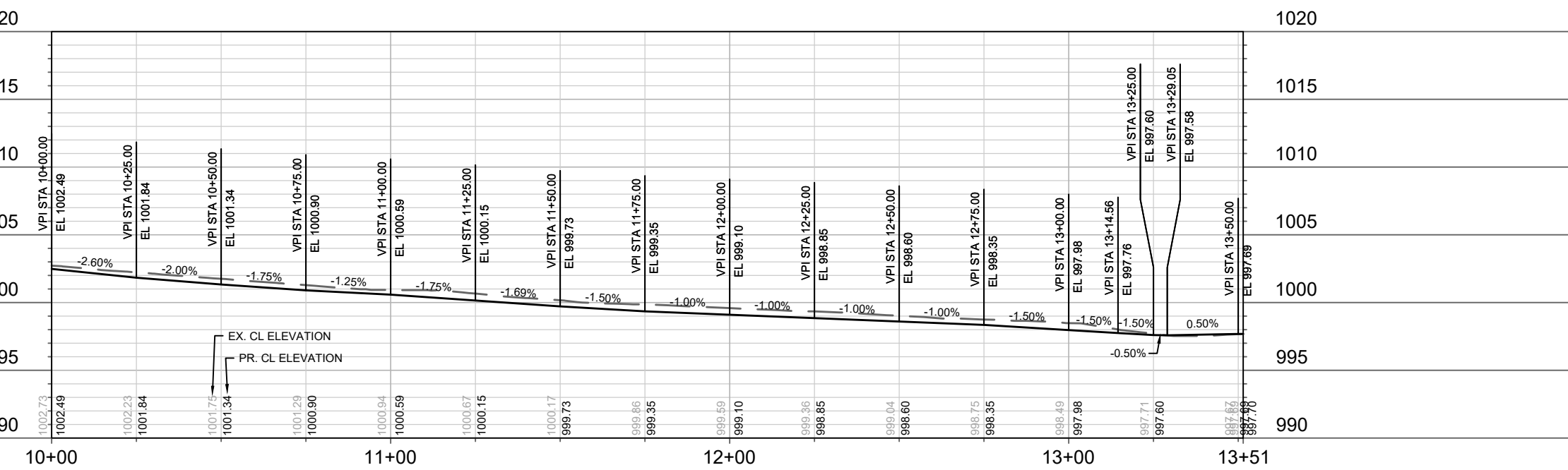
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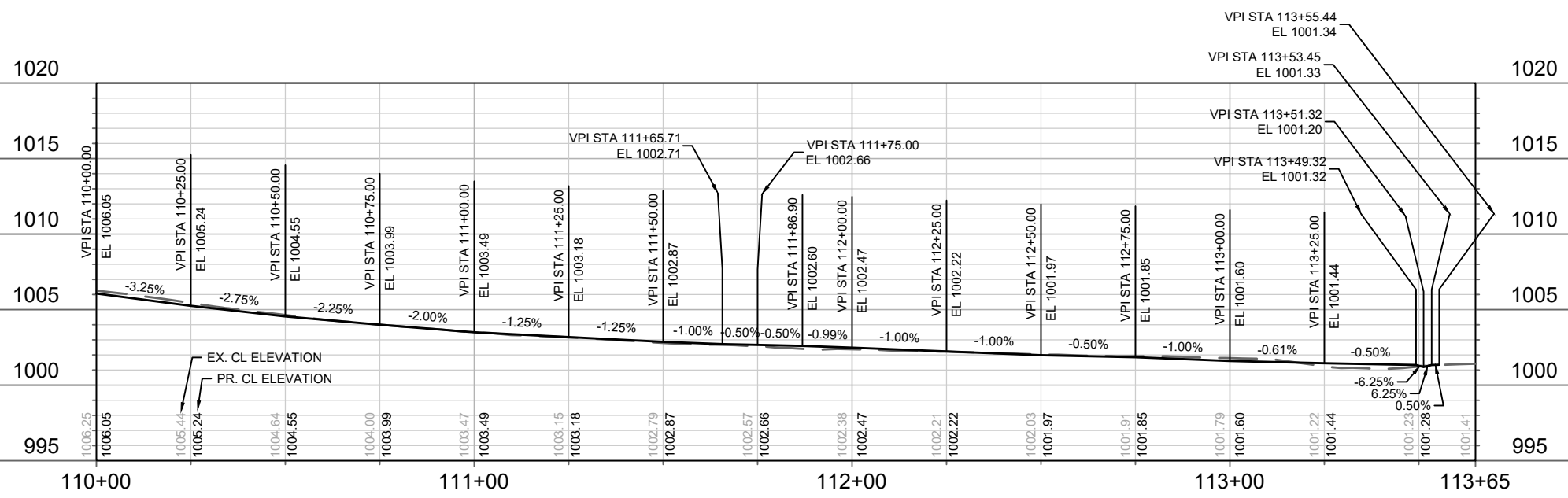
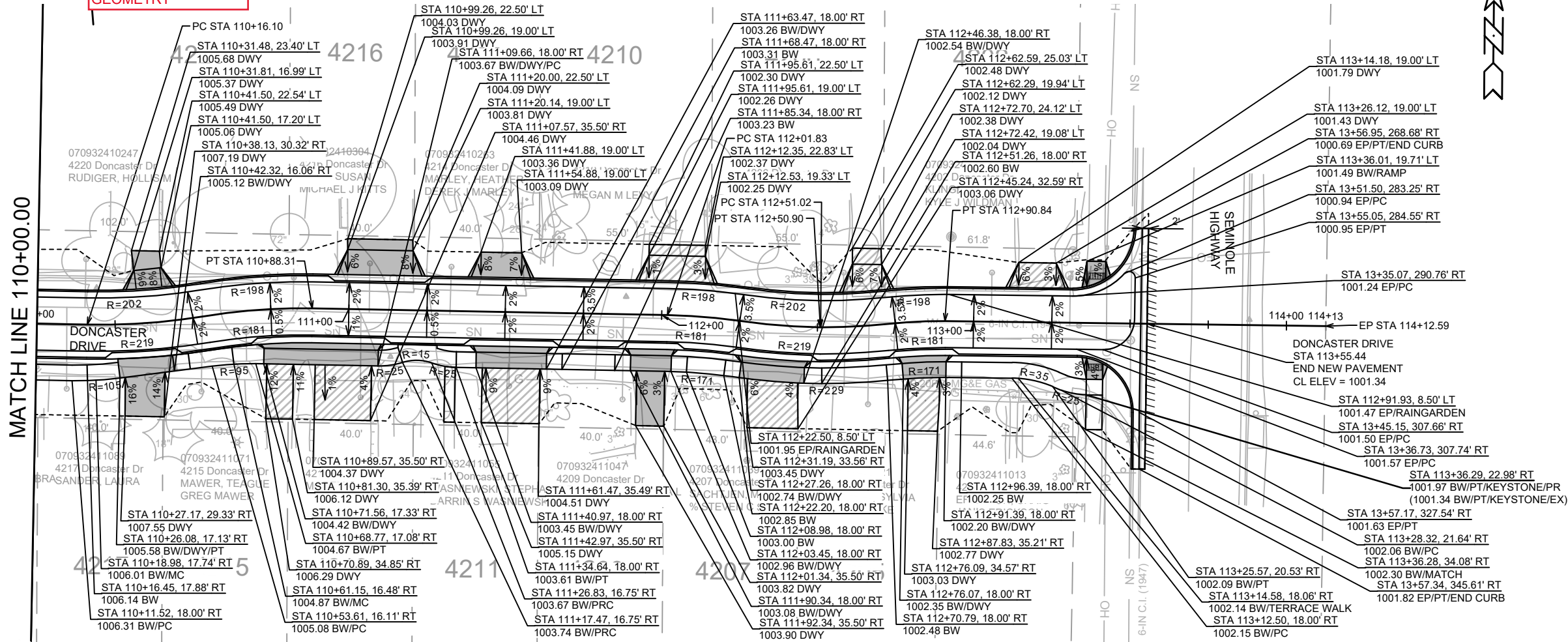
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P-2

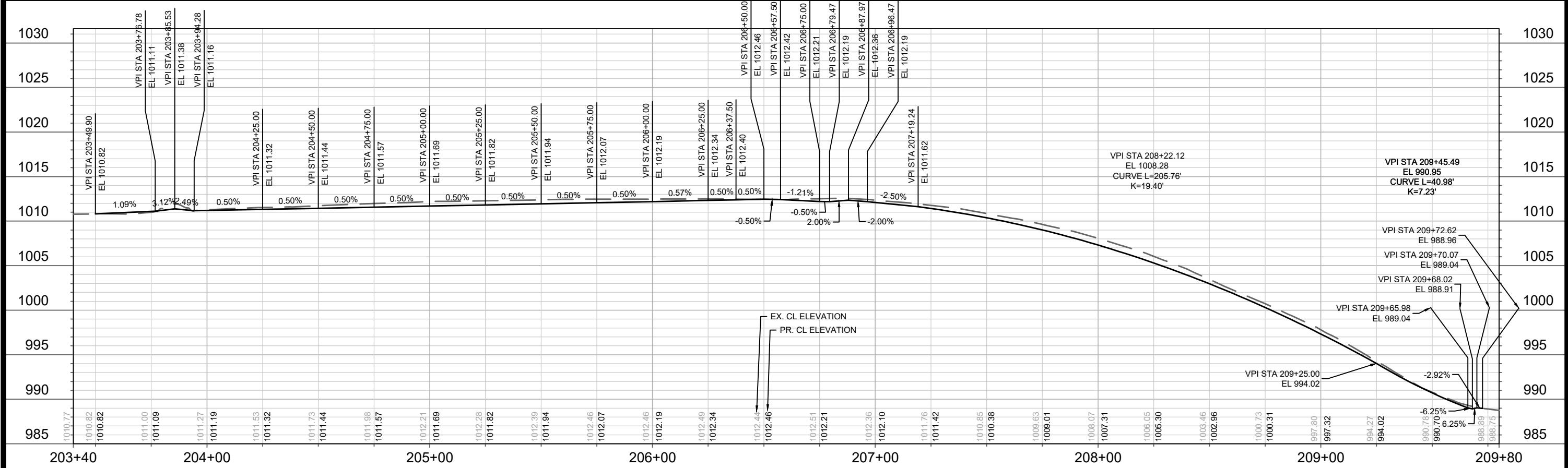
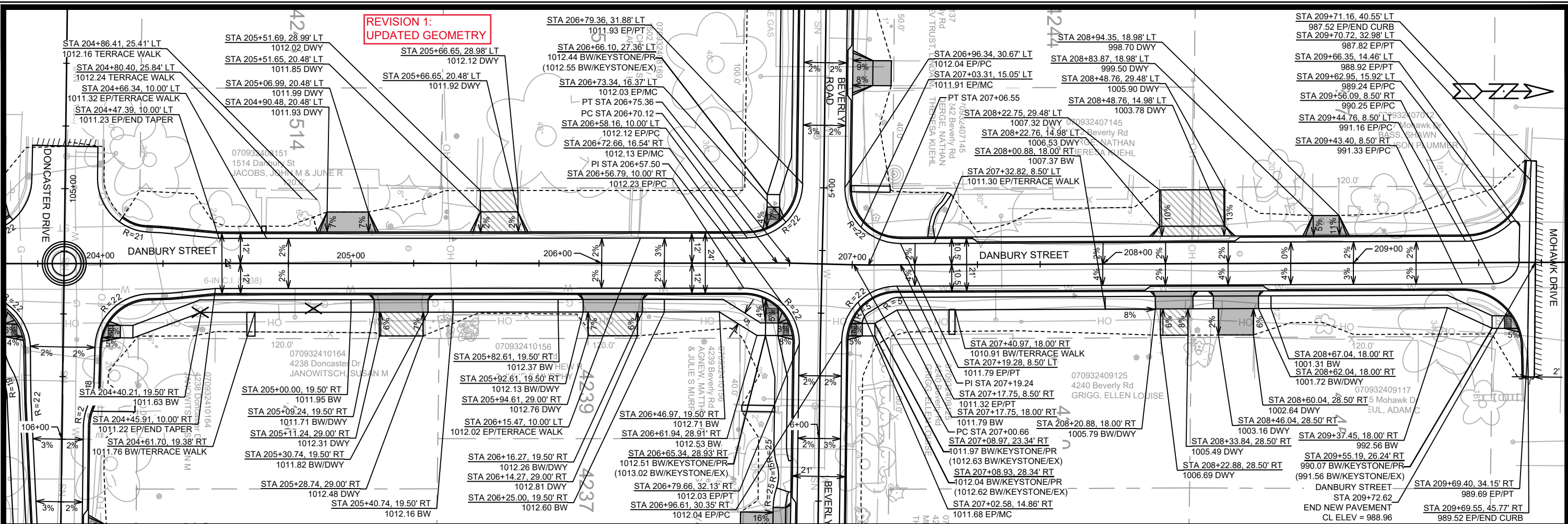


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	P-3	14079	DONCASTER BEVERLY DANBURY RECONSTRUCTION	
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		MARK	REVISION	DATE
		BY	Scale: 1" = 40'	P-3
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REVISION 1:
UPDATED DRIVEWAYS
TO MATCH LATERAL
GEOMETRY

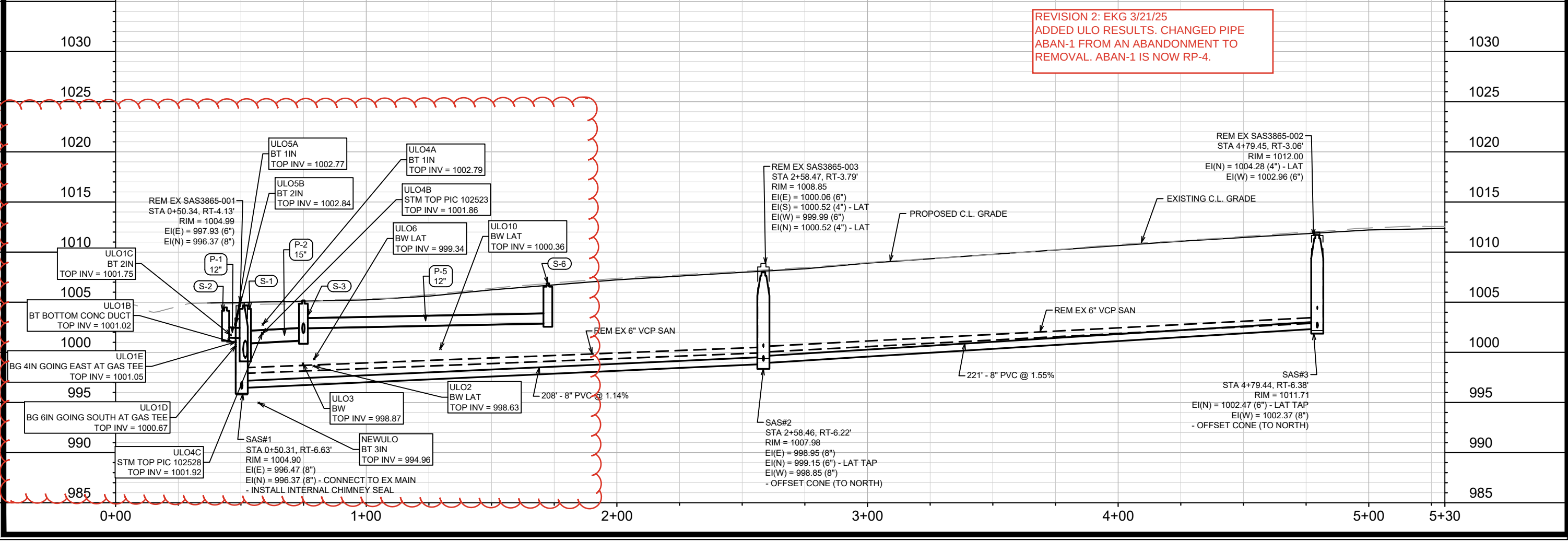
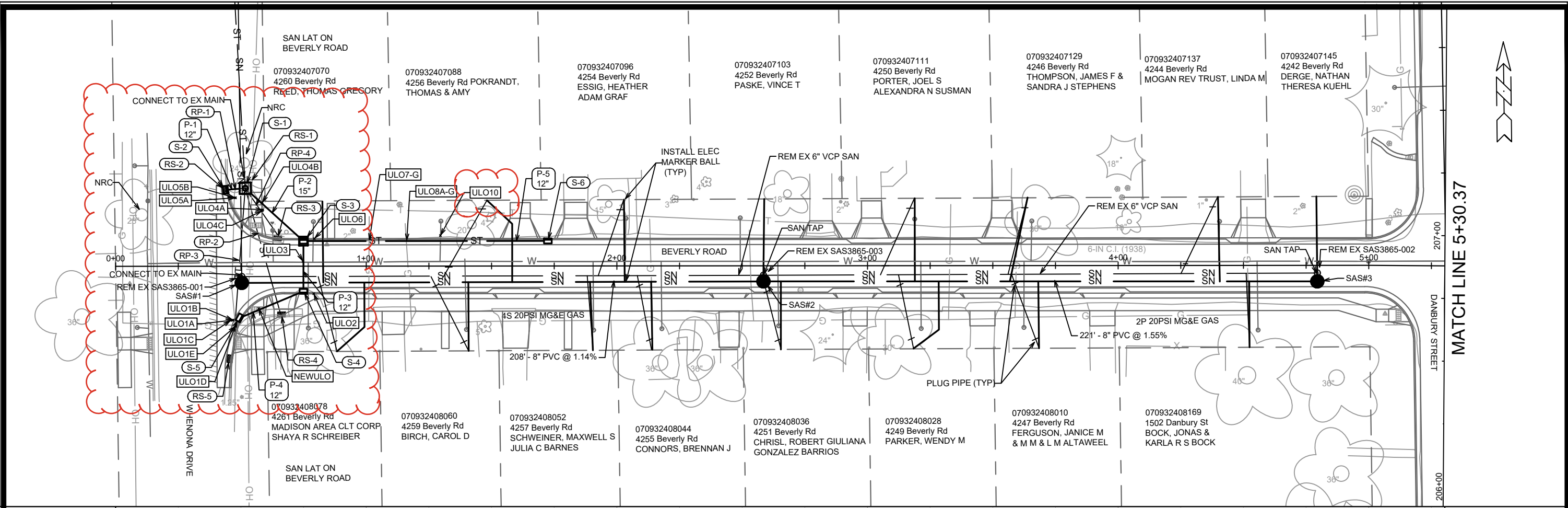


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DONCASTER DRIVE PLAN & PROFILE		DONCASTER BEVERLY DANBURY RECONSTRUCTION		M:\DESIGN\Projects\14079\CAD\Streets\14079EN-PnP.dwg	
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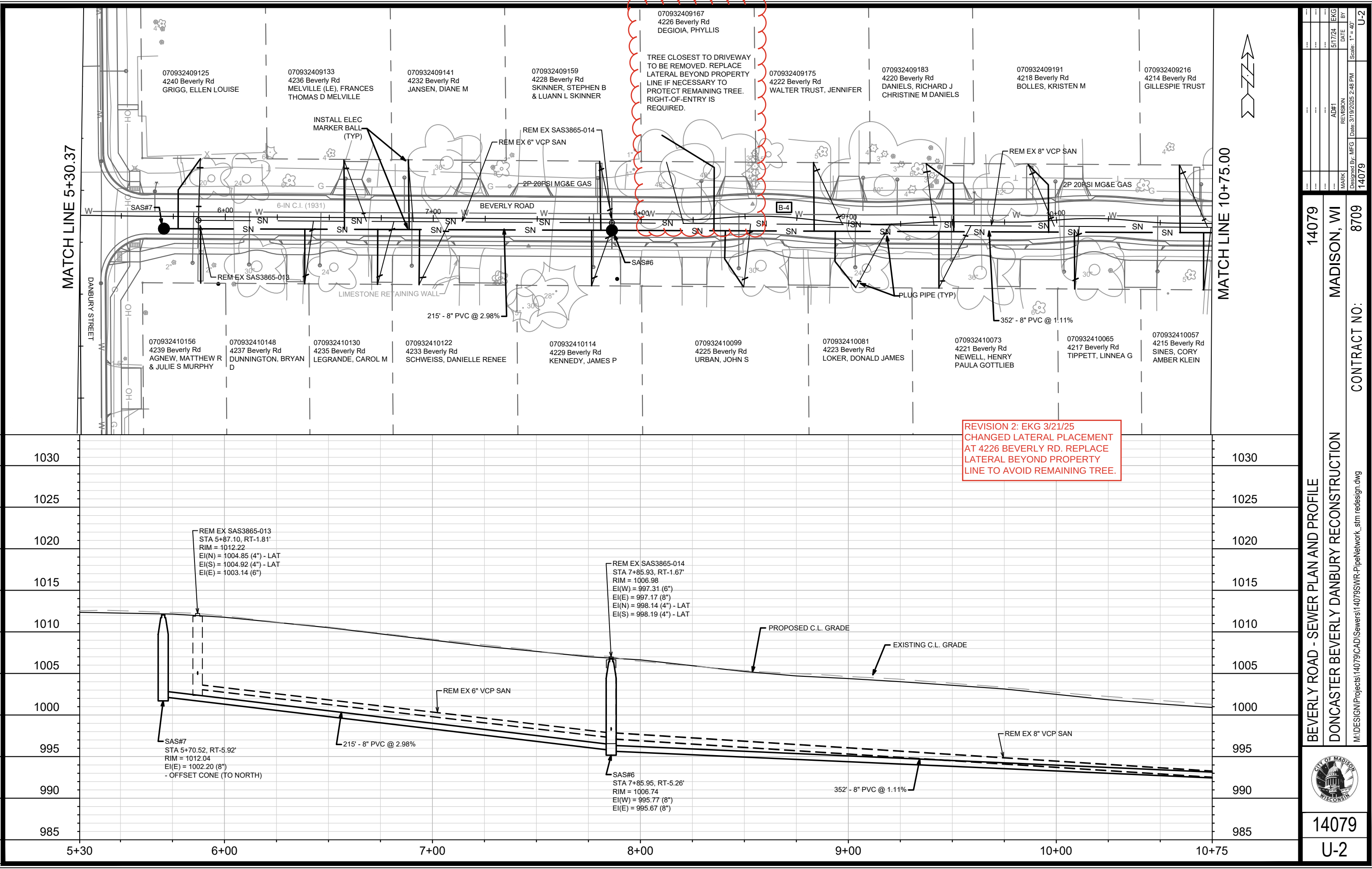


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14079		P-6		P-6	

City of Madison Wisconsin logo



14079	MADISON, WI	8709	U-1
CONTRACT NO: 14079			
BEVERLY ROAD - SEWER PLAN AND PROFILE			
DONCASTER BEVERLY DANBURY RECONSTRUCTION			
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CITY OF MADISON WISCONSIN			
14079			
U-1			



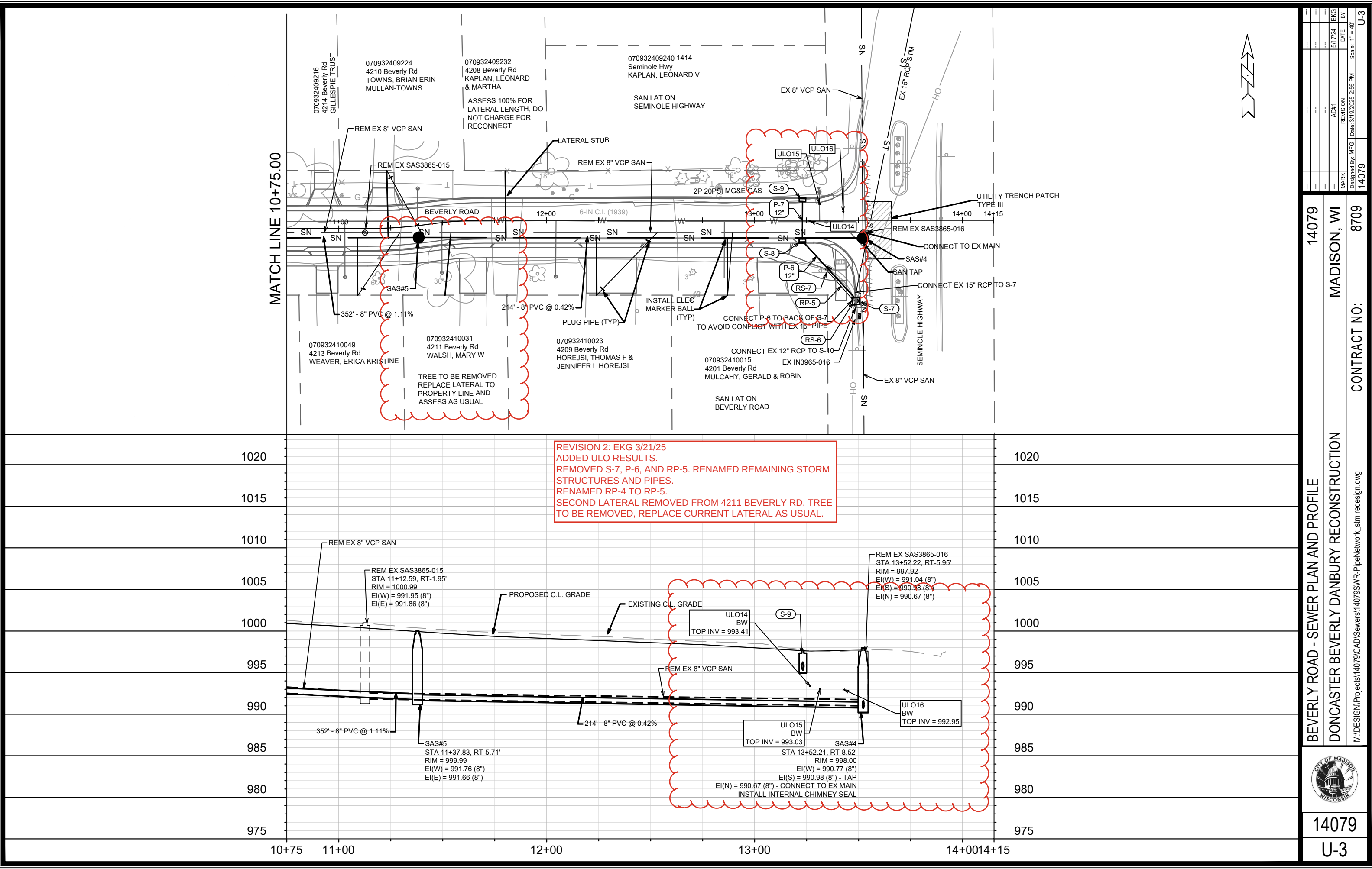
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MARK	AD#1	REVISION	DATE	BY
14079			5/17/24	EKG

Scale: 1" = 40'

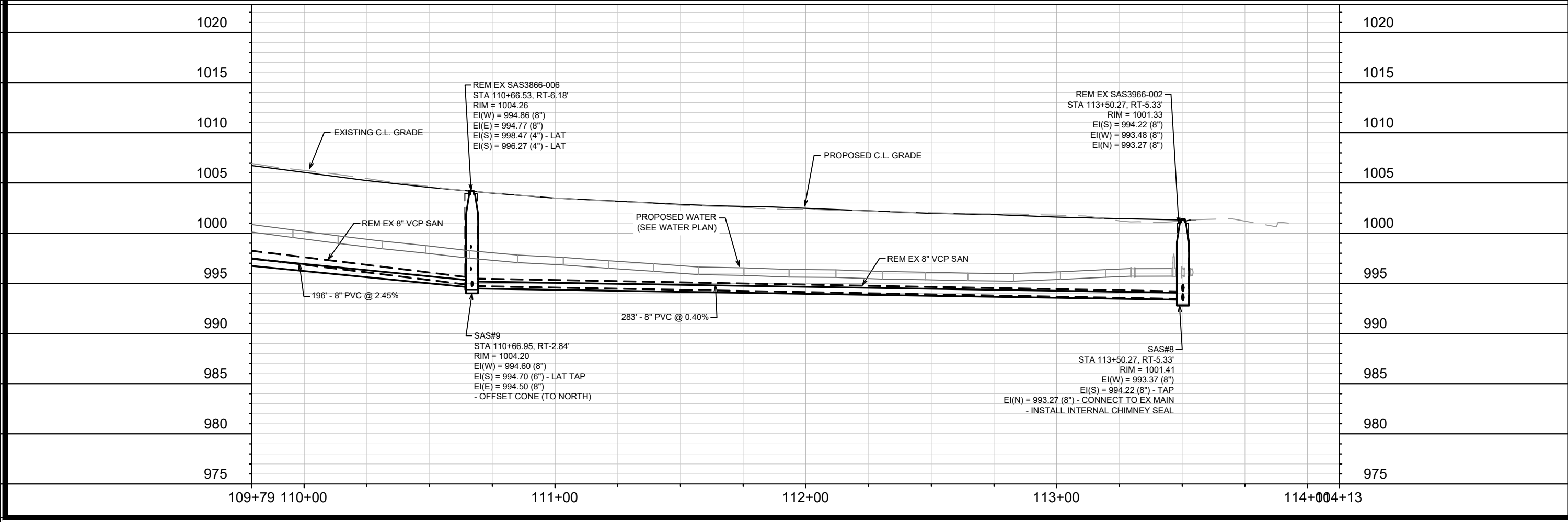
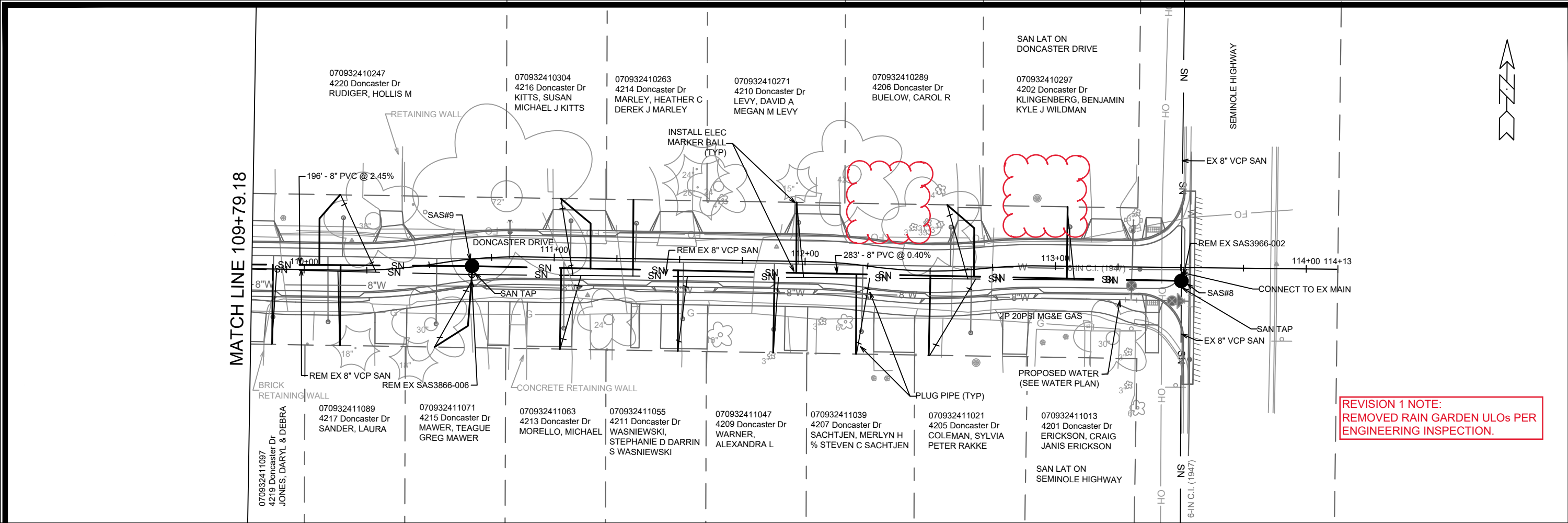
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Date: 3/19/2025 2:48 PM



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14079		U-3			

MARK	REVISION	DATE	BY
AD#1	5/17/24	EKG	
Designed By: MFG			Date: 3/19/2025 2:56 PM
Scale: 1" = 40'			U-3



14079	MADISON, WI	8709	CONTRACT NO:
DONCASTER DRIVE - SEWER PLAN AND PROFILE			
DONCASTER BEVERLY DANBURY RECONSTRUCTION			
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CITY OF MADISON WISCONSIN			
14079			
U-5			

MARK	REVISION	DATE	BY
AD#2	AD#1	8/14/24	EKG
AD#2	AD#1	5/17/24	EKG
Designed By: MFG			Date: 8/14/2024 1:55 PM
Scale: 1" = 40'			U-5

SANITARY SEWER SCHEDULE

* REVISED 5/17/2024 EKG

DONCASTER, BEVERLY, DANBURY RECONSTRUCTION	SHEET NO.
PROJECT NO. 14079	U-6
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
BEVERLY ROAD						
SAS#1	0+50.31	RT-6.63	1004.90	996.37	8.53	[1], [3]
SAS#2	2+58.46	RT-6.22	1007.98	998.85	9.13	[2], [4]
SAS#3	4+79.44	RT-6.38	1011.71	1002.37	9.34	[2], [4]
SAS#4	13+52.21	RT-8.52	998.00	990.67	7.33	[1], [3], [5]
* SAS#5	11+37.83	RT-5.71	999.99	991.66	8.33	[2]
SAS#6	7+85.95	RT-5.26	1006.74	995.67	11.07	
SAS#7	5+70.52	RT-5.92	1012.04	1002.20	9.84	[2]

DONCASTER DRIVE

SAS#8	113+50.27	RT-5.33	1001.41	993.27	8.14	[1]
SAS#9	110+66.95	RT-2.84	1004.21	994.50	9.71	[2], [4]
SAS#10	108+70.75	LT-0.72	1009.46	999.40	10.06	[4]
SAS#11	107+09.54	RT-2.64	1010.82	1000.40	10.42	[2], [4]
SAS#12	104+87.08	LT-0.43	1010.63	1002.12	8.51	[4]

REMOVE SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
BEVERLY ROAD						
SAS3865-001	0+50.34	RT-4.13	1004.99	996.37	8.62	
SAS3865-003	2+58.47	RT-3.79	1008.85	999.99	8.86	
SAS3865-002	4+79.45	RT-3.06	1012.00	1002.96	9.04	
SAS3865-016	13+52.22	RT-5.95	997.92	990.67	7.25	
SAS3865-015	11+12.59	RT-1.95	1000.99	991.86	9.13	
SAS3865-014	7+85.93	RT-1.67	1006.98	997.17	9.81	
SAS3865-013	5+87.10	RT-1.81	1012.22	1003.14	9.08	
DONCASTER DRIVE						
SAS3966-002	113+50.27	RT-5.33	1001.33	993.27	8.06	
SAS3866-006	110+66.53	RT-6.18	1004.26	994.77	9.49	
SAS3866-005	108+70.75	LT-0.72	1009.86	1000.84	9.02	
SAS3866-004	107+09.54	RT-2.64	1010.98	1001.50	9.48	
SAS3866-003	104+87.08	LT-0.43	1010.70	1002.17	8.53	

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
BEVERLY ROAD								
SAS#1	SAS#2	996.47	998.85	208	1.14%	8"	SDR-35	
SAS#2	SAS#3	998.95	1002.37	221	1.55%	8"	SDR-35	
* SAS#4	SAS#5	990.77	991.66	214	0.42%	8"	SDR-35	
* SAS#5	SAS#6	991.76	995.67	352	1.11%	8"	SDR-35	
SAS#6	SAS#7	995.77	1002.20	215	2.98%	8"	SDR-35	

ADDENDUM NOTE:
UPDATED STATION, OFFSET, TOC, E.I. AND DEPTH OF SAS#5.
UPDATED LENGTH OF PIPE FROM SAS#5 TO SAS#6. UPDATED LENGTH OF PIPE FROM SAS#4 TO SAS#5.

DONCASTER DRIVE

SAS#8	SAS#9	993.37	994.50	283	0.40%	8"	SDR-35	
SAS#9	SAS#10	994.60	999.40	196	2.45%	8"	SDR-35	
SAS#10	SAS#11	999.50	1000.40	161	0.56%	8"	SDR-35	
SAS#11	SAS#12	1000.50	1002.12	223	0.73%	8"	SDR-35	

REMOVE SANITARY PIPES

FROM DOWNSTREAM	TO UPSTREAM	REM LENGTH	PAID (Y/N)	PAID REM LENGTH	PIPE SIZE	PVC TYPE
BEVERLY ROAD						
SAS3865-001	SAS3865-003	208	N	-	6"	VCP
SAS3865-003	SAS3865-002	221	Y	221	6"	VCP
SAS3865-016	SAS3865-015	239	N	-	8"	VCP
SAS3865-015	SAS3865-014	326	N	-	6"	VCP
SAS3865-014	SAS3865-013	199	Y	199	6"	VCP
DONCASTER DRIVE						
SAS3966-002	SAS3866-006	283	N	-	8"	VCP
SAS3866-006	SAS3866-005	196	N	-	8"	VCP
SAS3866-005	SAS3866-004	161	N	-	8"	VCP
SAS3866-004	SAS3866-003	223	N	-	8"	VCP

SPECIFIC NOTES

- [1] INSTALL INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH SDD 5.7.17
[2] INSTALL OFFSET CONE TO NORTH
[3] CONNECT TO DOWNSTREAM EX MAIN
[4] SAN TAP FOR LATERAL
[5] SAN TAP FOR UPSTREAM CONNECTION TO EX MAIN

REVISION 2: EKG 3/21/25
ADDED ULO RESULTS.
CHANGED ABAN-1 TO RP-4.
RENAMED RP-4 TO RP-5.
REMOVED S-7, P-6, AND RP-5.
RENAMED S-8, S-9, AND S-10 TO S-9,
S-8, AND S-7, RESPECTIVELY.
RENAMED P-8 TO P-6.
CHANGED DETAILS OF P-7.

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
BEVERLY ROAD							
S-1	0+51.74	LT-31.07	4X4 STORM SAS	1004.68	999.44	5.24	W/R-1550-0054; [4]
S-2	0+43.87	LT-30.45	H-INLET	1004.49	1001.49	3.00	W/R-3067-7004-V
S-3	0+74.94	LT-10.00	3X3 STORM SAS	1005.19	1001.19	4.00	W/R-3067-7004-V
S-4	0+74.93	RT-10.00	H-INLET	1005.32	1002.01	3.31	W/R-3067-7004-V
S-5	0+49.48	RT-20.58	H-INLET	1005.16	1002.15	3.00	LP; W/R-3067-7004-V
S-6	1+72.46	LT-10.00	H-INLET	1006.89	1002.89	4.00	W/R-3067-7004-V
* S-7	13+49.66	RT-38.80	3X3 STORM SAS	998.61	994.92	3.69	FP; W/R-3067-7004-V; [4]
* S-8	13+23.15	RT-10.00	H-INLET	998.61	995.17	3.44	FP; LP; W/R-3067-7004-VB
* S-9	13+23.15	LT-10.00	H-INLET	997.67	995.27	2.40	FP; W/R-3067-7004-VB
DONCASTER DRIVE							
S-11	105+64.76	RT-14.51	H-INLET	1010.88	1008.08	2.80	FP; W/R-3067-7004-V
S-12	105+68.35	LT-14.13	H-INLET	1011.77	1008.27	3.50	LP; W/R-3067-7004-VB

REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ID	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	DEPTH	NOTES
BEVERLY ROAD							
RS-1	AS3865-016	0+51.74	LT-31.07	5X7 STORM SAS	1004.74	999.44	
RS-2	TUB1	0+43.76	LT-30.44	TUB INLET	1004.67	999.50	[3]
RS-3	IN3865-021	0+64.53	LT-11.36	TUB INLET	1004.47	1000.21	[3]
RS-4	IN3865-019	0+66.12	RT-19.30	TUB INLET	1005.35	1000.00	[3]
RS-5	IN3865-020	0+45.52	RT-37.06	TUB INLET	1005.38	1000.00	[3]
RS-6	IN3865-024	13+48.05	RT-38.93	H-INLET	998.58	994.86	
RS-7	IN3865-025	13+35.28	RT-24.49	H-INLET	998.70	995.38	
DONCASTER DRIVE							
RS-8	IN3866-031	105+64.67	RT-15.67	H-INLET	1011.45	1008.08	
RS-9	IN3866-032	13+49.74	RT-39.75	H-INLET	1011.64	1008.27	

ADJUST EXISTING STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
DANBURY STREET							
ADJ-1	IN3866-033	204+19.59	LT-15.08	1011.57	1011.41	-0.16	[1]
ADJ-2	IN3866-034	204+25.58	RT-14.37	1011.63	1011.44	-0.19	[1]

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
BEVERLY ROAD					
* ULO1A	0+46.80	RT-21.47	BURIED TELEPHONE (CONC DUCT)	1002.30	BT TOP CONC DUCT
* ULO1B	0+46.80	RT-21.47	BURIED TELEPHONE (CONC DUCT)	1001.02	BT BOTTOM CONC DUCT
* ULO1C	0+45.88	RT-21.60	BURIED TELEPHONE	1001.75	BT 2IN
* ULO1D	0+47.92	RT-23.90	6" MG&E GAS MAIN	1000.67	GOING SOUTH AT TEE
* ULO1E	0+47.92	RT-23.20	4" MG&E GAS MAIN	1001.05	GOING EAST AT TEE
* ULO2	0+79.03	RT-10.98	3/4" COPPER WATER SERVICE	998.63	
* ULO3	0+74.80	LT-1.94	6" SAND CAST IRON WATER MAIN	998.87	
* ULO4A	0+58.77	LT-22.51	BURIED TELEPHONE	1002.79	BT 1IN
* ULO4B	0+58.51	LT-25.32	STORM PIPE	1001.86	[5]
* ULO4C	0+58.51	LT-25.32	STORM PIPE	1001.86	[5]

SPECIFIC NOTES

- [1] MATCH NEW TOP OF CURB
[2] ABANDON PIPE WITH PLUGS
[3] APPROXIMATE STRUCTURE DEPTH, NO RECORDS OR SURVEY DATA AVAILABLE SINCE TUB INLET
[4] CONNECT TO EX MAIN
[5] EXISTING STORM PIPE TO BE REMOVED
[6] ULO NOT PERFORMED

*REVISED 3/19/2025 EKG

DONCASTER, BEVERLY, DANBURY RECONSTRUCTION	SHEET NO.
PROJECT NO. 14079	U-7
STORM SEWER SCHEDULE	
CITY OF MADISON	

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
BEVERLY ROAD										
P-1	S-1	S-2	1001.41	1001.49	8	5	1.60%	12"	TYPE II	NCM
P-2	S-1	S-3	1000.88	1001.19	31	26	1.19%	15"	TYPE II	NCM
P-3	S-3	S-4	1001.91	1002.01	20	18	0.56%	12"	RCP	NCM
P-4	S-4	S-5	1002.01	1002.15	28	24	0.58%	12"	TYPE II	
P-5	S-3	S-6	1002.40	1002.89	98	96	0.52%	12"	RCP	NCM
* P-6	S-7	S-8	994.97	995.17	39	36	0.56%	12"	RCP	
* P-7	S-8	S-9	995.17	995.27	20	18	0.56%	12"	RCP	

REMOVE AND ABANDON STORM PIPES

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH PAID (FT)	ABN LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
BEVERLY ROAD									
RP-1	RS-1	RS-2	8	N	-	-	12"	VCP	
RP-2	RS-1	RS-4	52	Y	52	-	12"	VCP	
RP-3	RS-1	RS-5	68	Y	68	-	12"	VCP	
* RP-4	RS-1	RS-3	24	Y	8	-	12"	VCP	
* RP-5	RS-6	RS-7	19	N	-	-	12"	RCP	

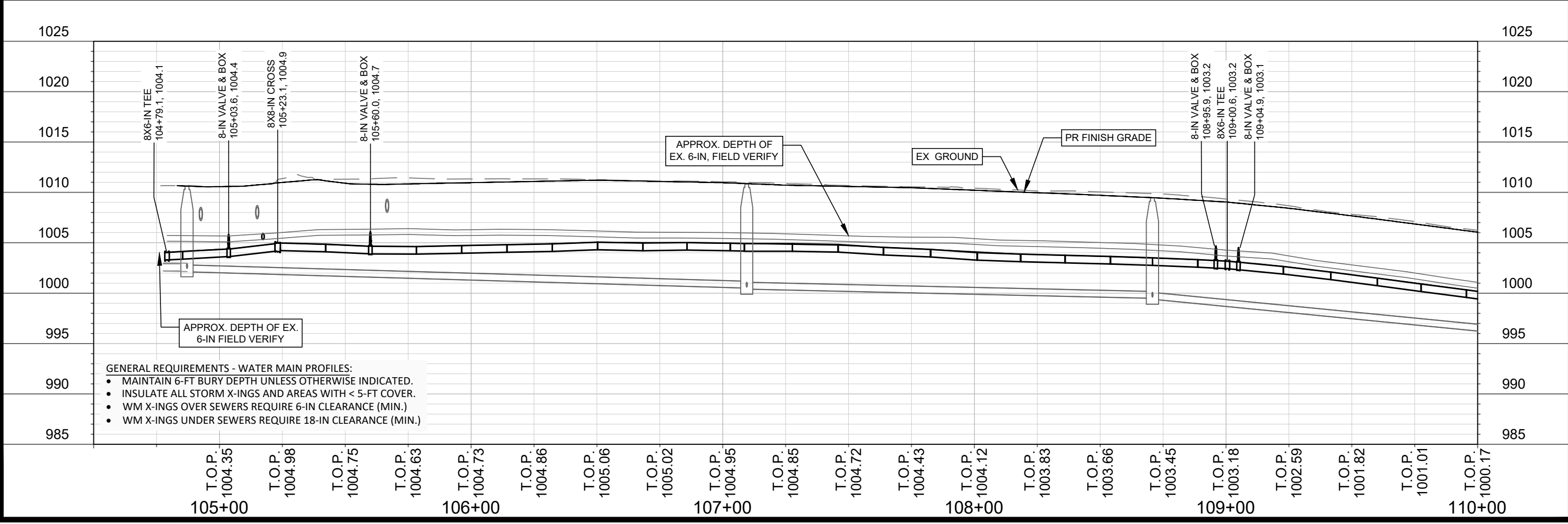
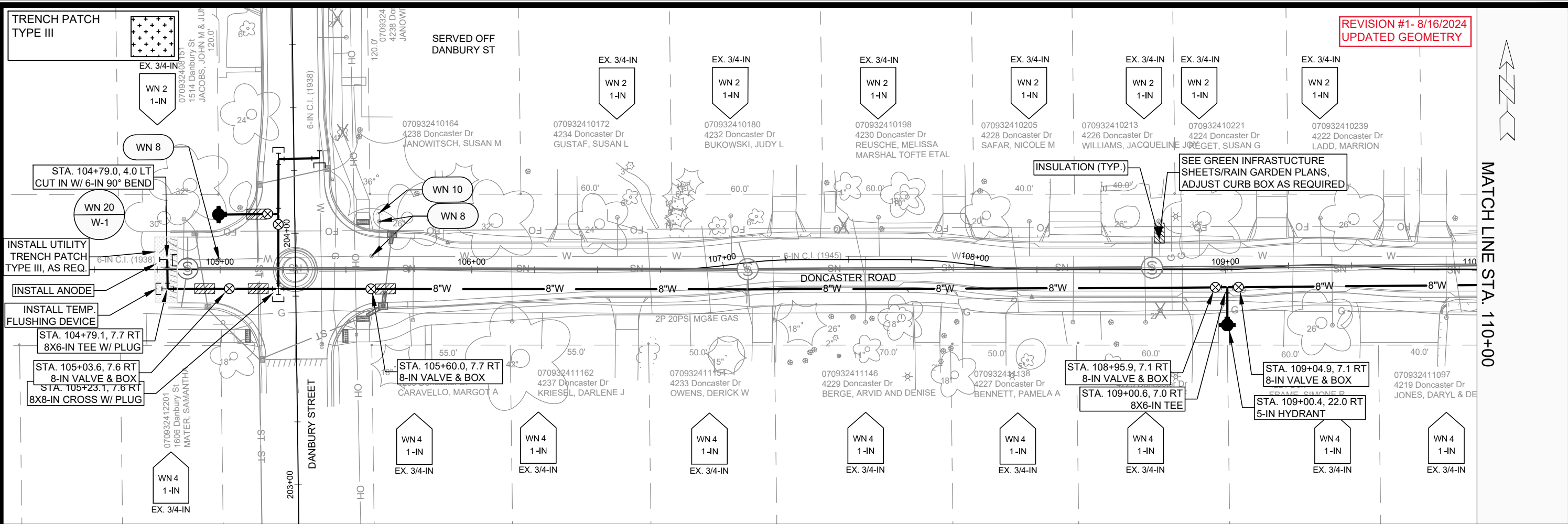
STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
* ULO5A	0+47.86	LT-27.29	BURIED TELEPHONE	1002.77	BT 1IN
* ULO5B	0+47.71	LT-27.29	BURIED TELEPHONE	1002.84	BT 2IN
* ULO6	0+79.27	LT-10.96	3/4" COPPER WATER SERVICE	999.34	
* ULO7-G	1+01.13	LT-10.10	MG&E GAS		[6]
* ULO8A-G	1+16.09	LT-9.94	MG&E GAS		[6]
* ULO10-W	1+29.56	LT-12.15	3/4" COPPER WATER SERVICE	1000.36	
* ULO14	13+26.55	RT-0.41	6" SAND CAST IRON WATER MAIN	933.41	
* ULO15	13+31.39	LT-7.78	6" SAND CAST IRON WATER HYD SERVICE	993.03	
* ULO16	13+42.84	LT-3.81	6" SAND CAST IRON WATER MAIN	992.95	
* NEWULO	0+57.14	RT-16.94	BURIED TELEPHONE	994.46	BT 3IN

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

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 FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.



14079	MADISON, WI	8709	CONTRACT NO:
DONCASTER DRIVE - WATER PLAN & PROFILE			14079
DONCASTER BEVERLY DANBURY RECONSTRUCTION			W-1
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CITY OF MADISON WISCONSIN

CONSTRUCTION NOTES:

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

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

WATER UTILITY ULO SCHEDULE

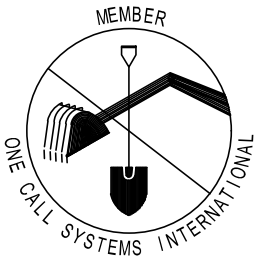
ULO	UTILITY	STATION	OFFSET	SHEET
N/A	N/A	N/A	N/A	N/A

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:			
PAY ITEM ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	120	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	940	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	2	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	6	EACH
70040	FURNISH AND INSTALL AND SALVAGE HYDRANT	3	EACH
70056	RECONNECT 1-INCH SERVICE LATERAL	30	EACH
70080	CUT-IN OR CONNECT TO EXISTING WATER SYSTEM	3	EACH
70082	CUT-OFF EXISITNG MAIN	1	EACH
70090	ABANDON WATER VALVE BOX	7	EACH
70101	FURNISH AND INSTALL STYROFOAM	9	EACH
70111	FURNISH & INSTALL ANODE	3	EACH
71001	6-IN MJ CAP	3	EACH
71014	8-IN MJ PLUG	3	EACH
71041	8X8-IN CROSS	1	EACH
71110	6-IN 90° BEND	2	EACH
71159	8X6-IN REDUCER	1	EACH
71208	6X6-IN TEE	1	EACH
71210	8X6-IN TEE	5	EACH
*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:			
	N/A		
*ESTIMATE OF MATERIALS SALVAGED:			
	HYDRANT	3	EACH
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.			

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

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

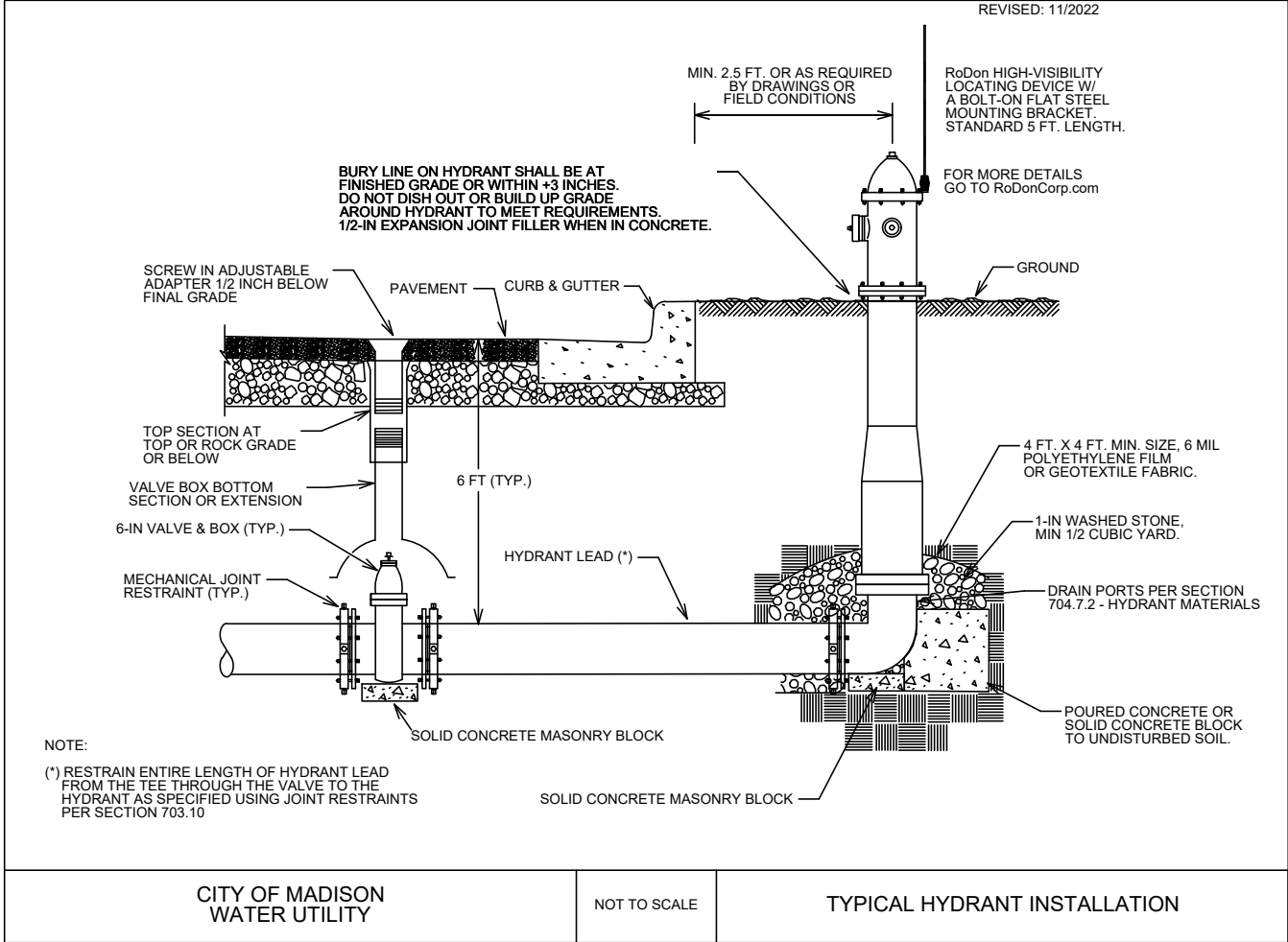
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

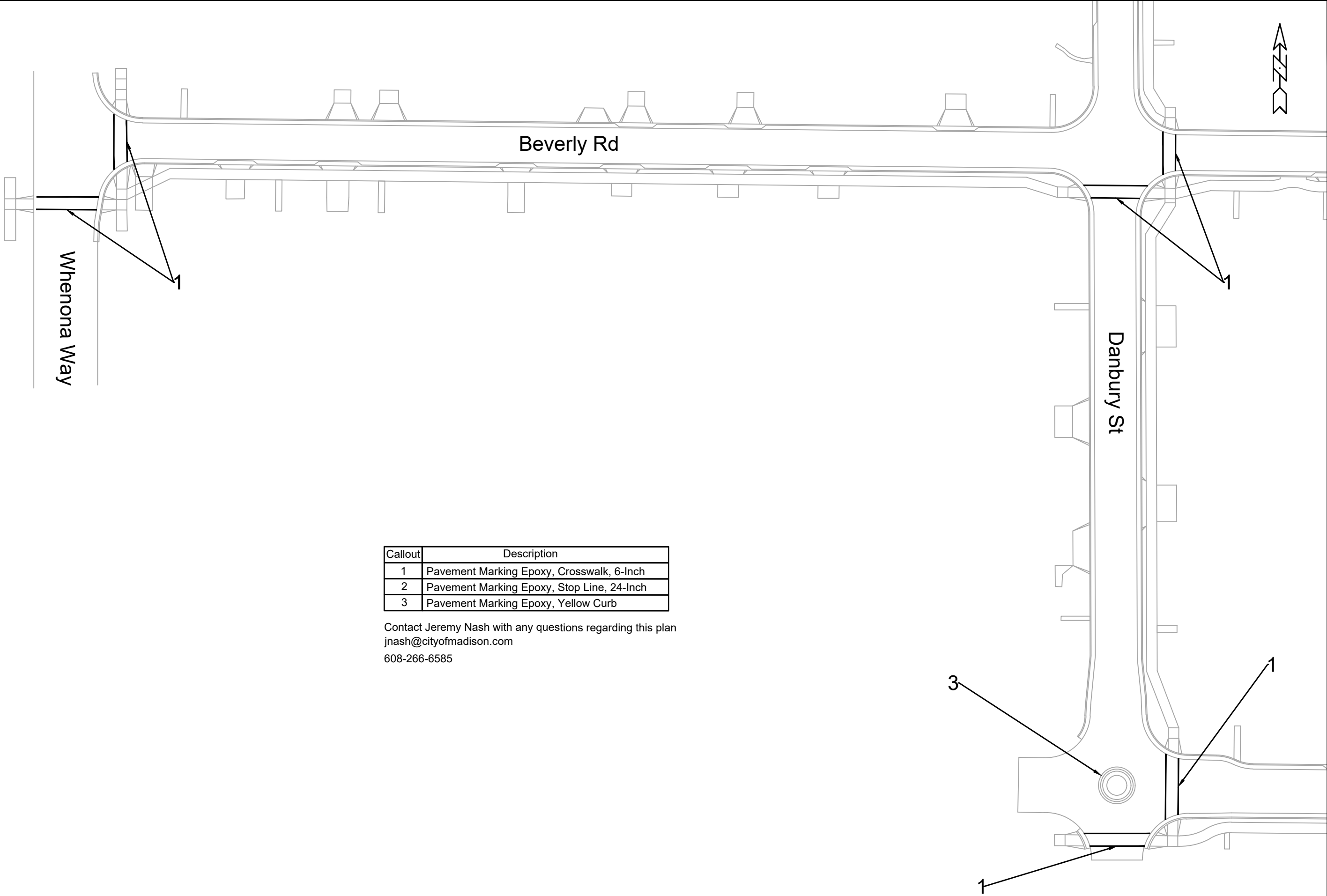


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. **7.04**
REVISED: 11/2022





Callout	Description
1	Pavement Marking Epoxy, Crosswalk, 6-Inch
2	Pavement Marking Epoxy, Stop Line, 24-Inch
3	Pavement Marking Epoxy, Yellow Curb

Contact Jeremy Nash with any questions regarding this plan
jnash@cityofmadison.com
608-266-6585



14079

PM - 1

PAVEMENT MARKING PLAN

DONCASTER BEVERLY DANBURY RECONSTRUCTION

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14079

MADISON, WI

CONTRACT NO: 8709

MARK

REVISION

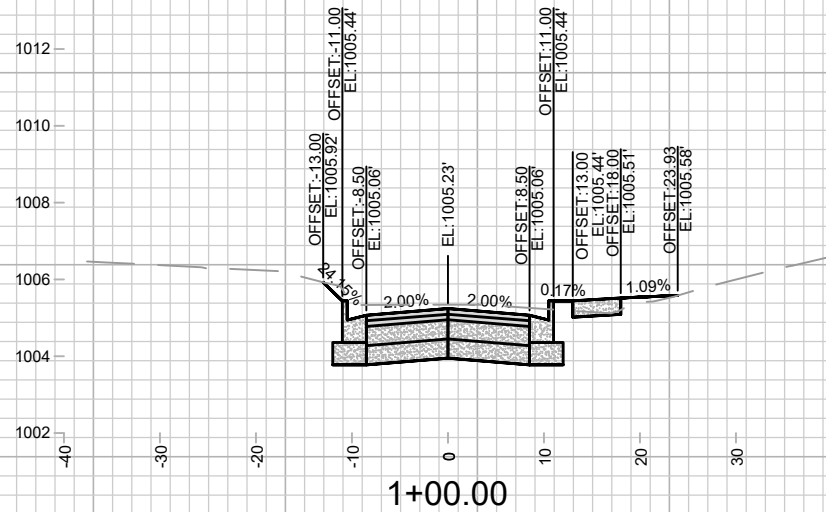
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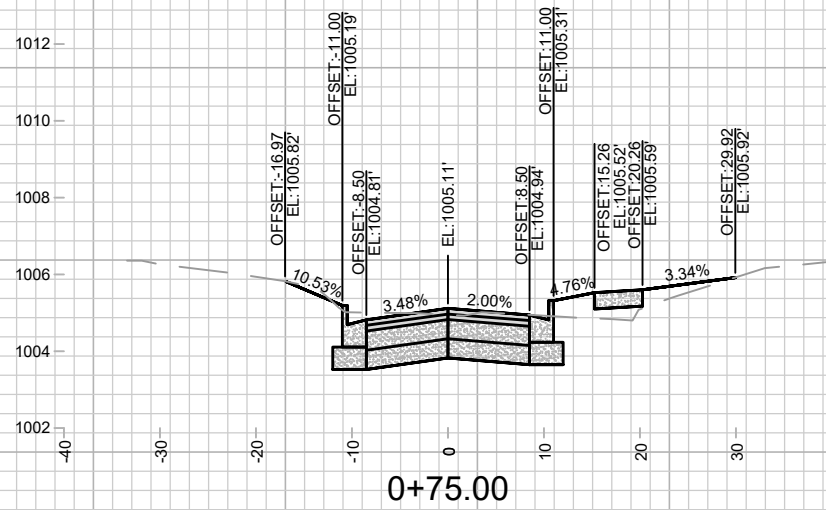
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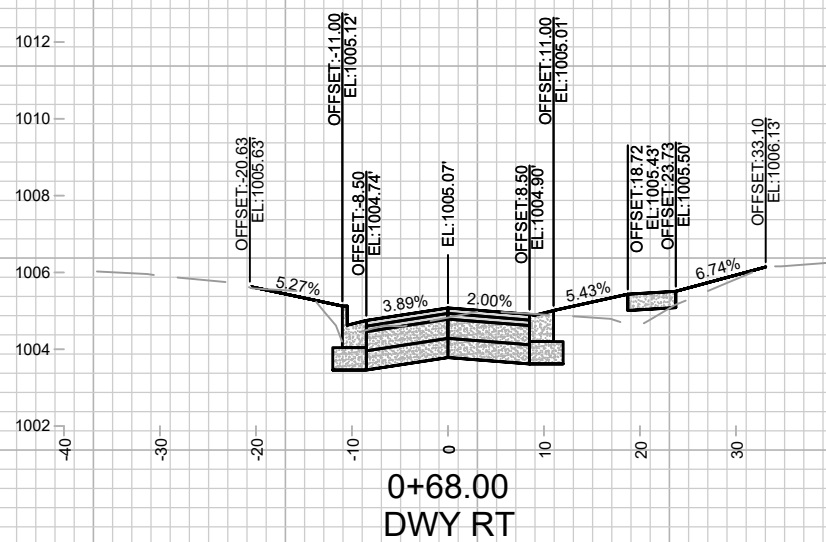
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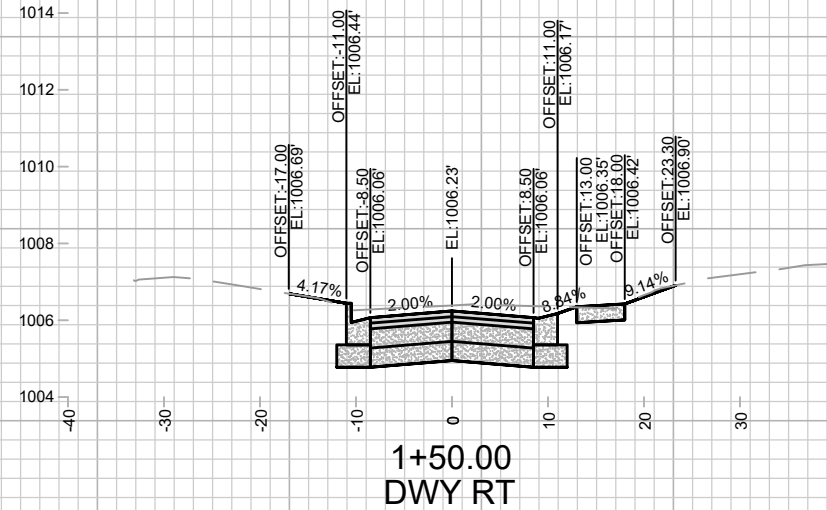
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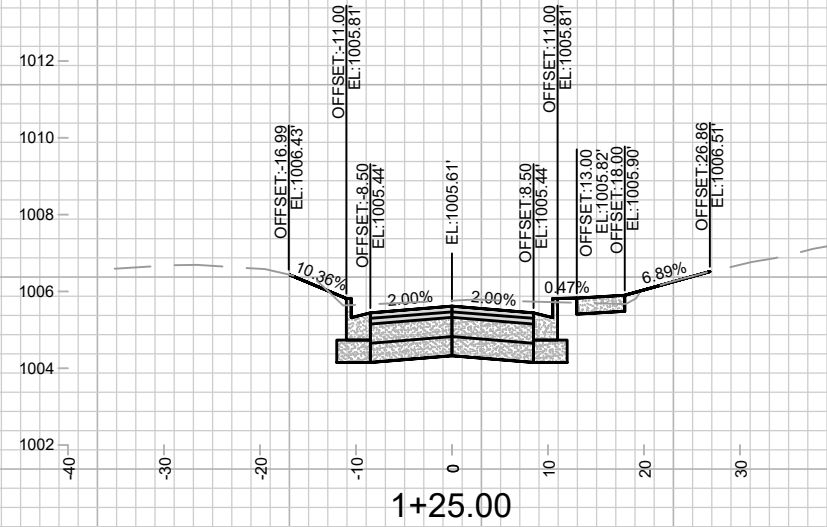
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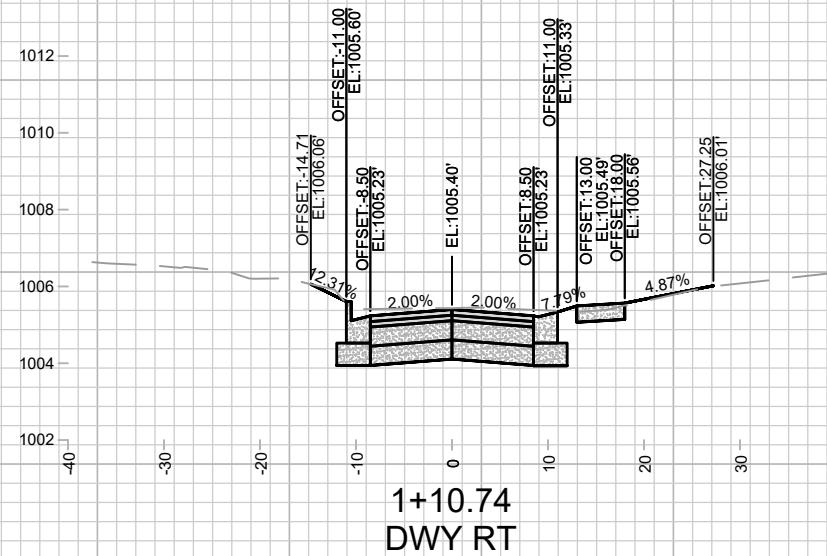
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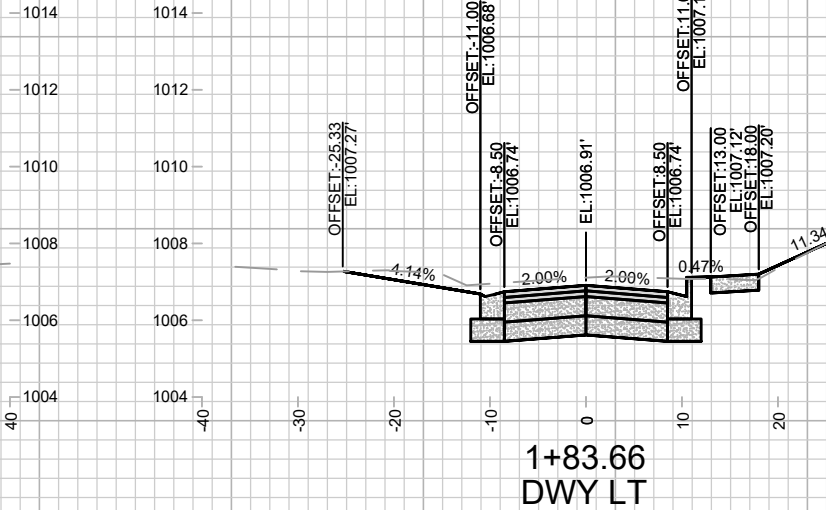
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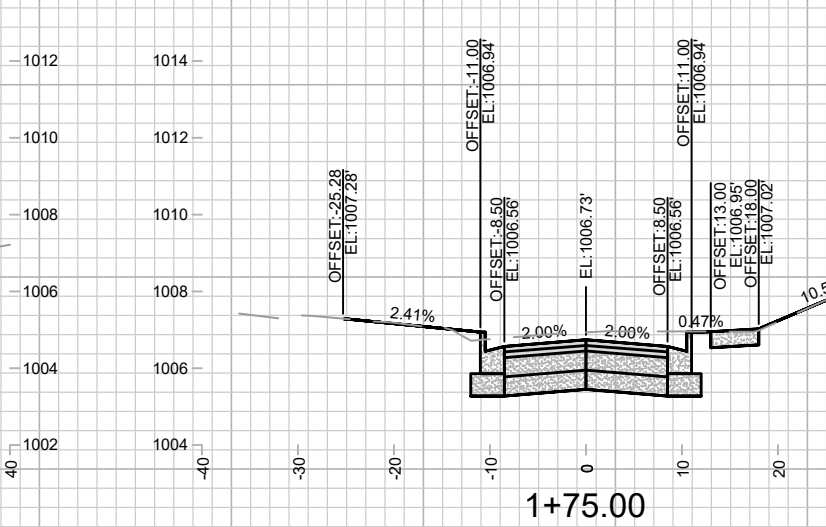
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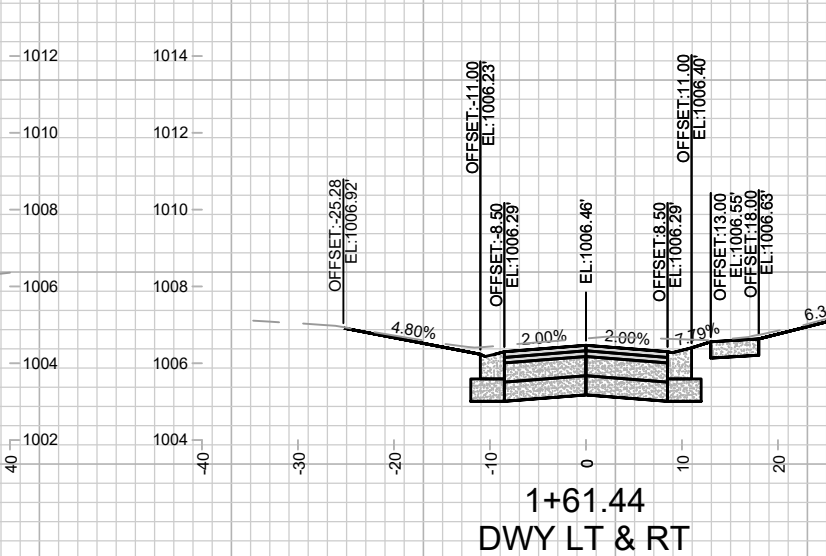
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DWY LT



1+75.00



1+61.44
DWY LT & RT

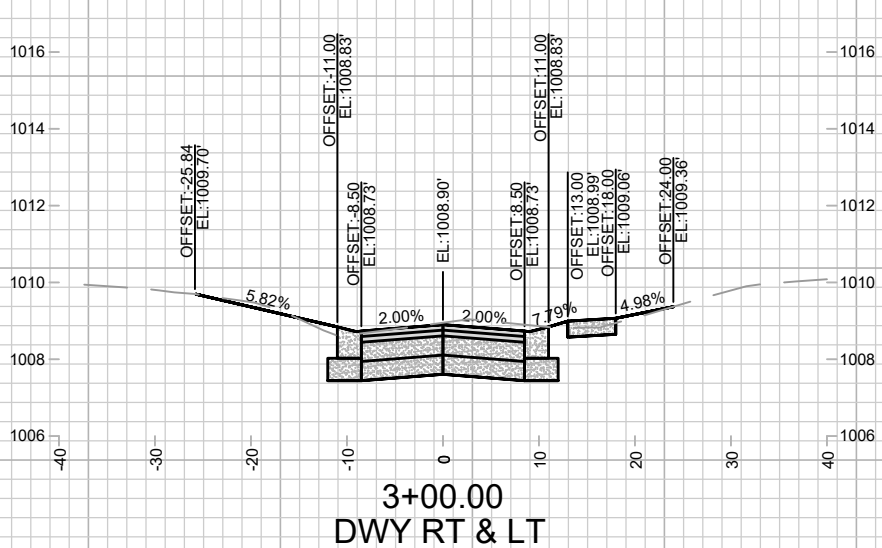
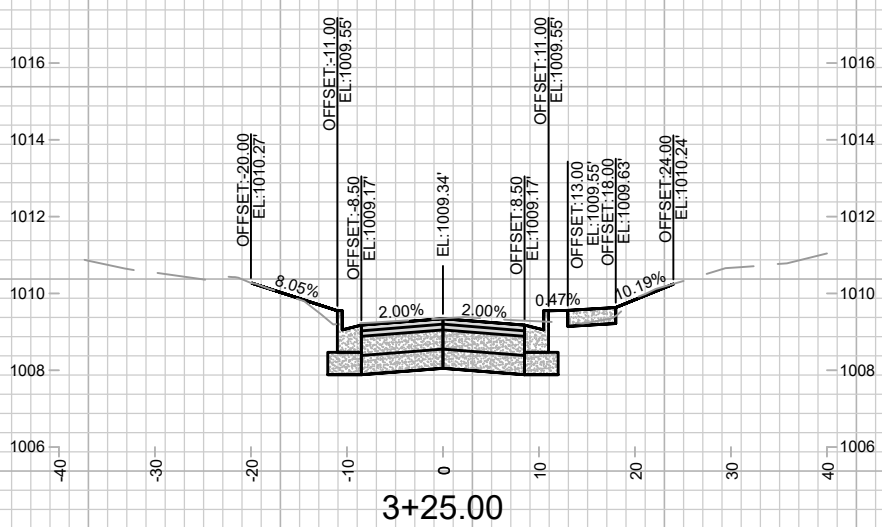
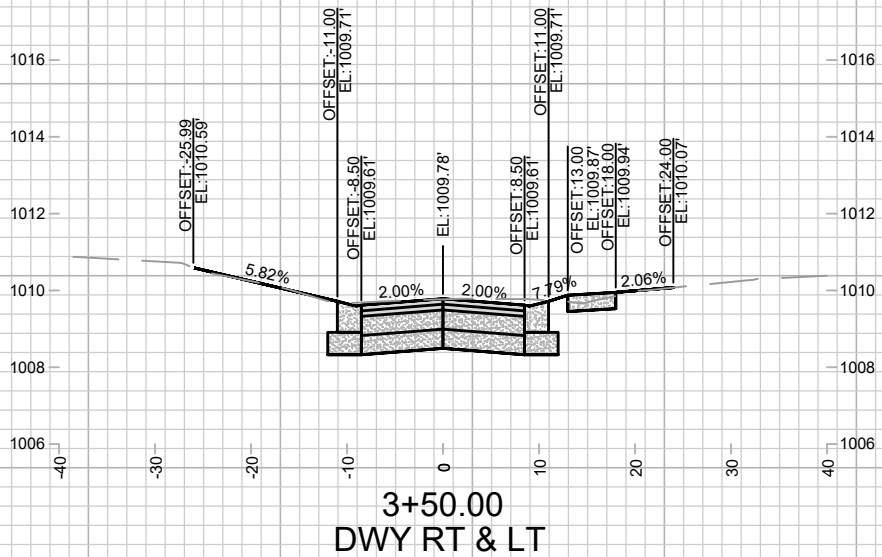
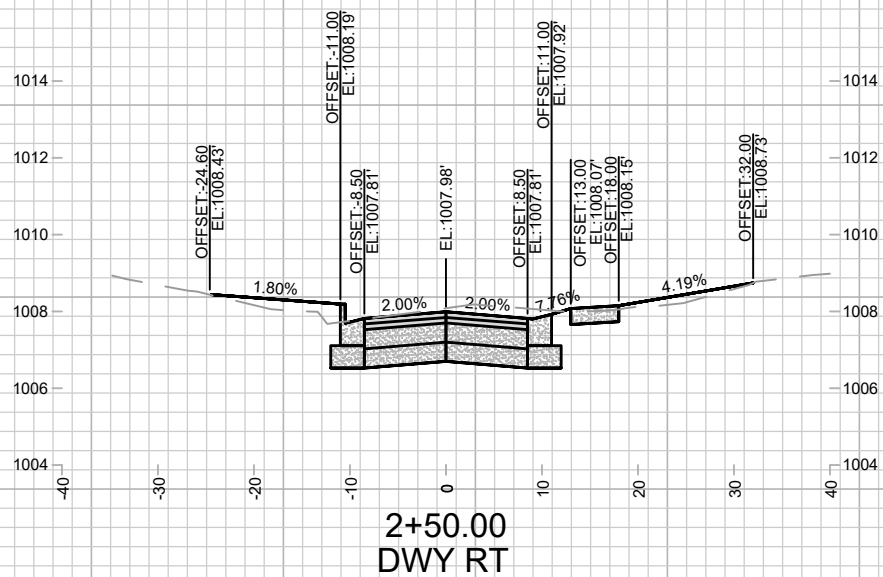
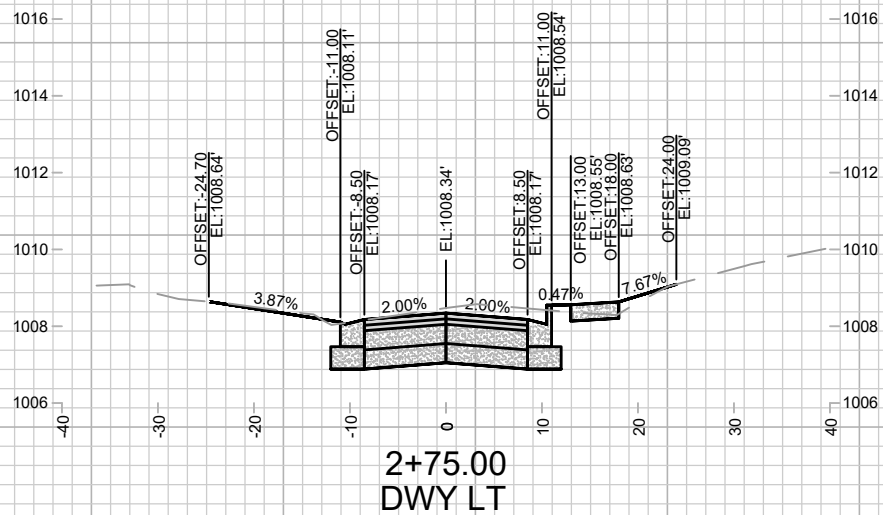
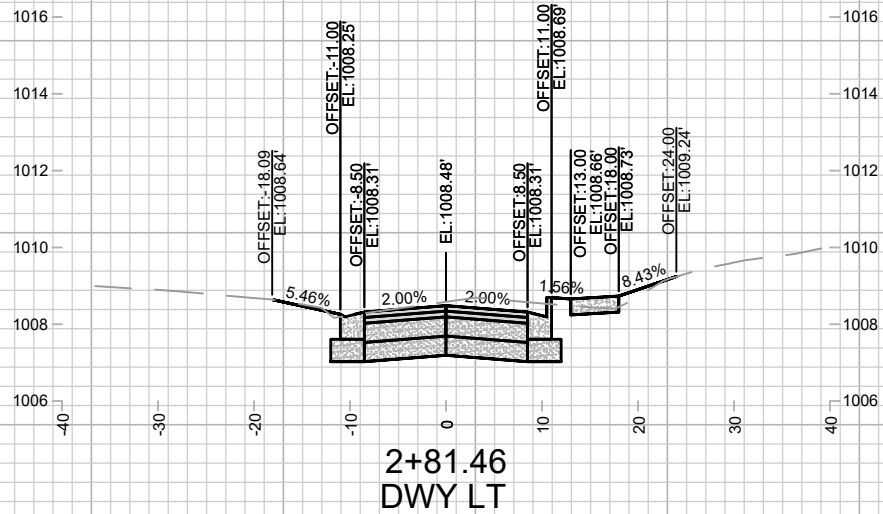
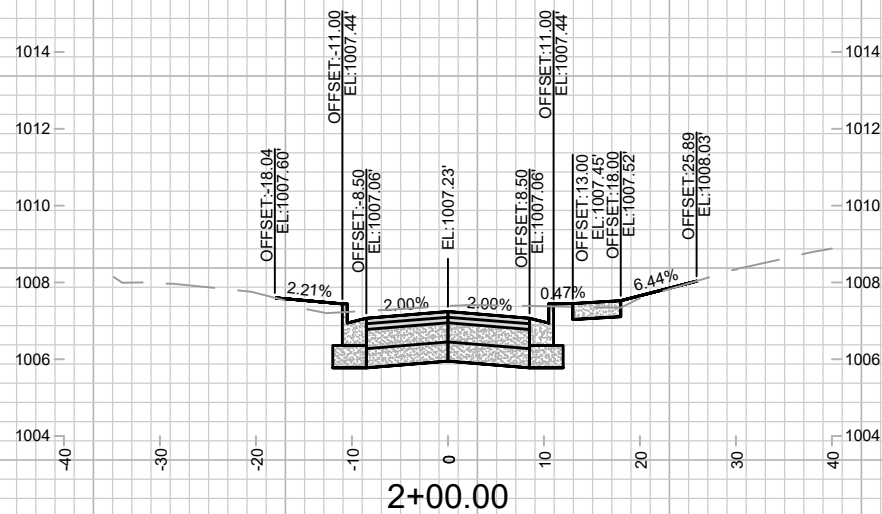
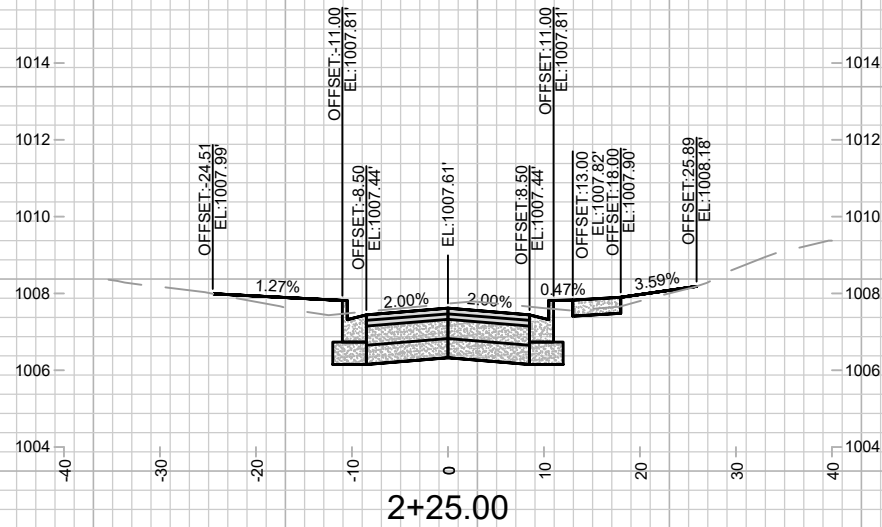
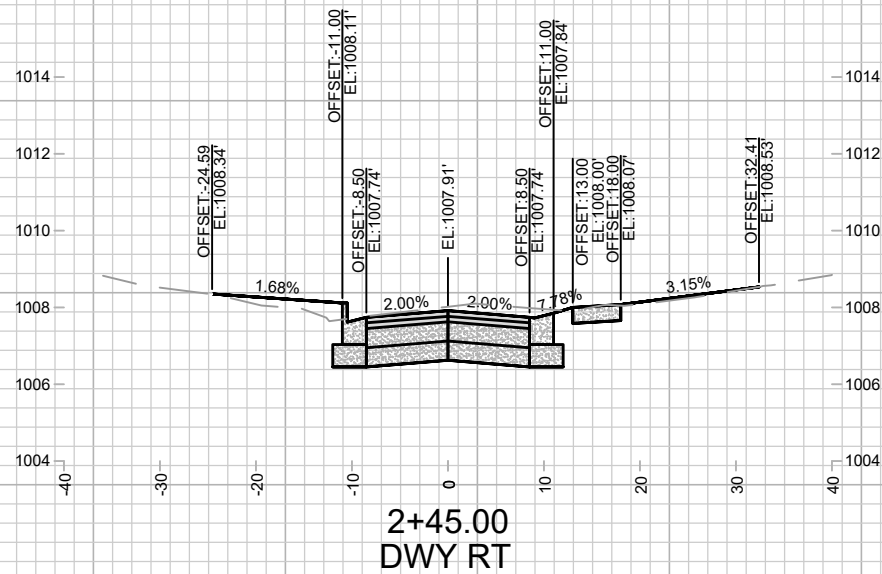
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MADISON, WI
8709
CONTRACT NO:

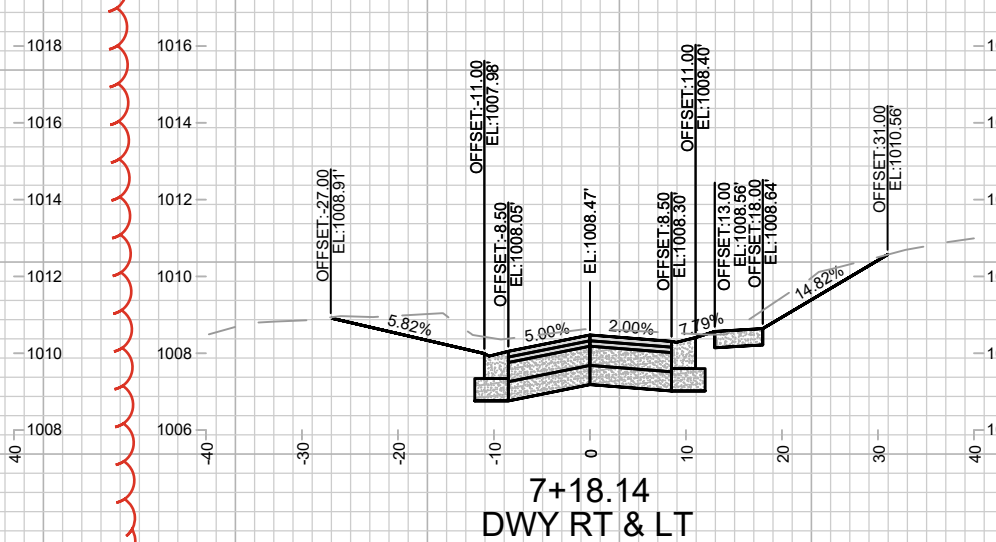
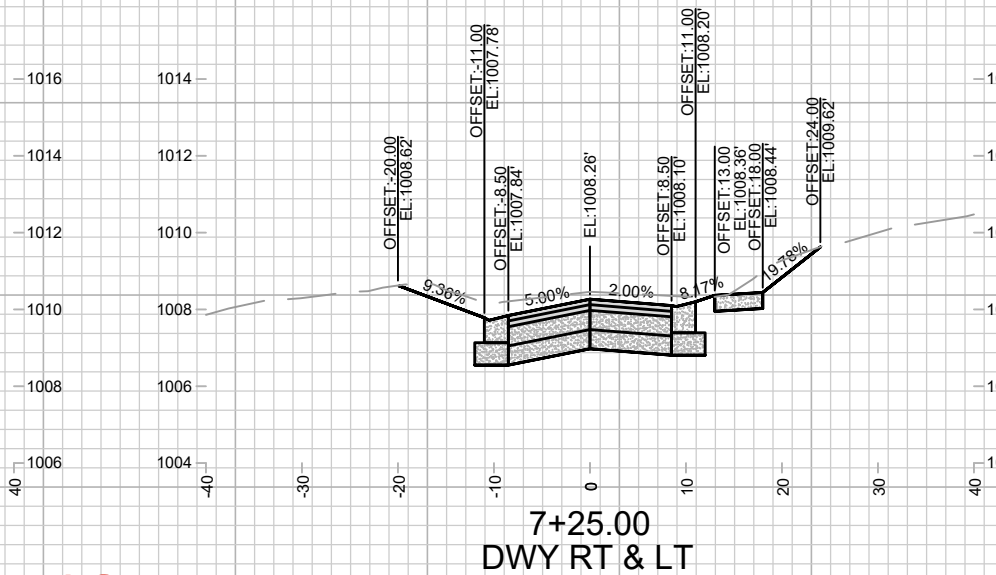
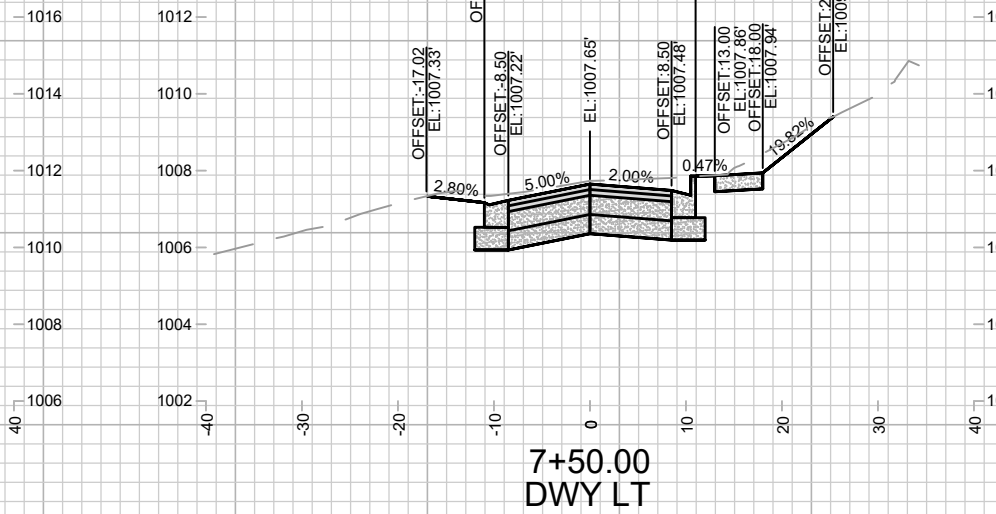
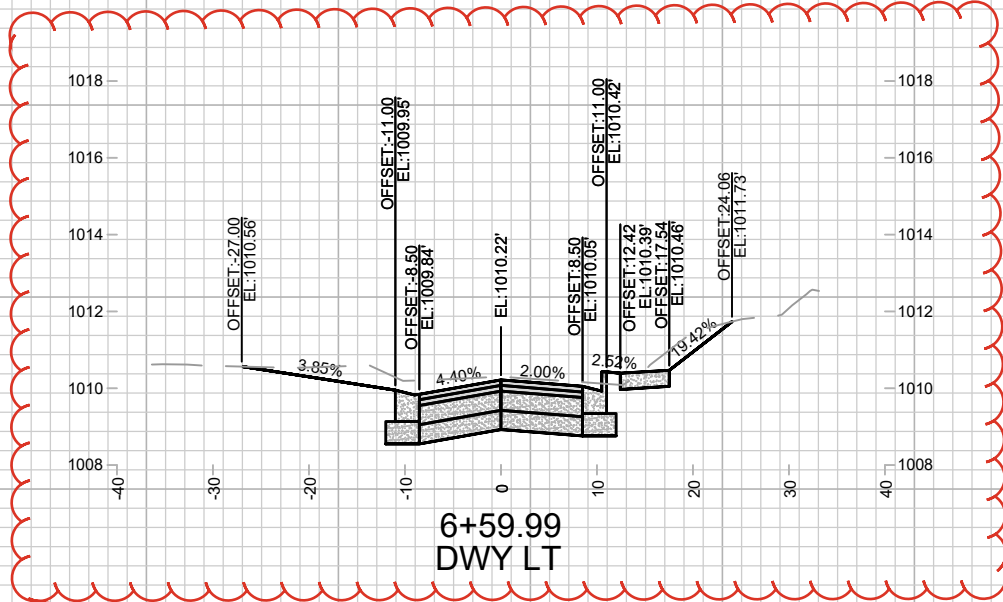
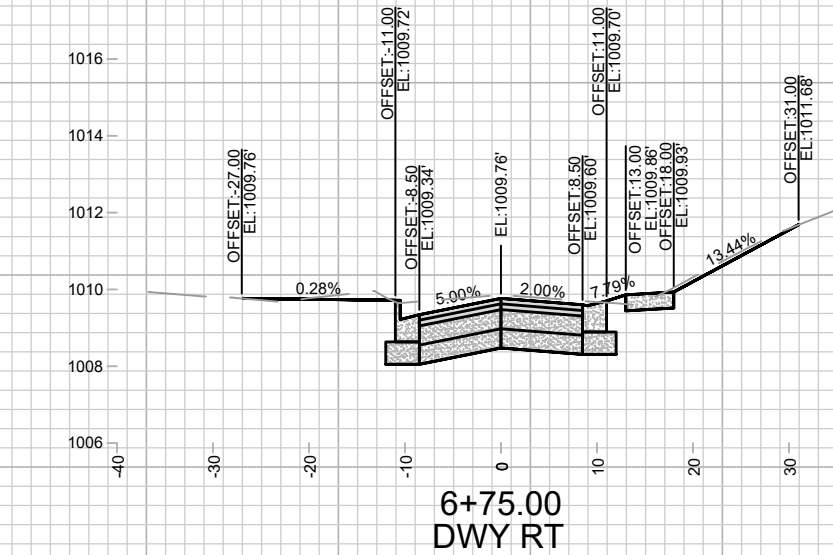
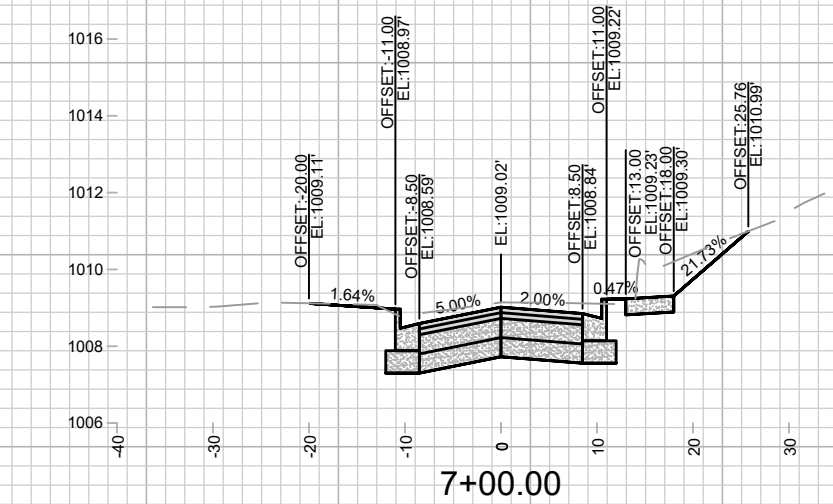
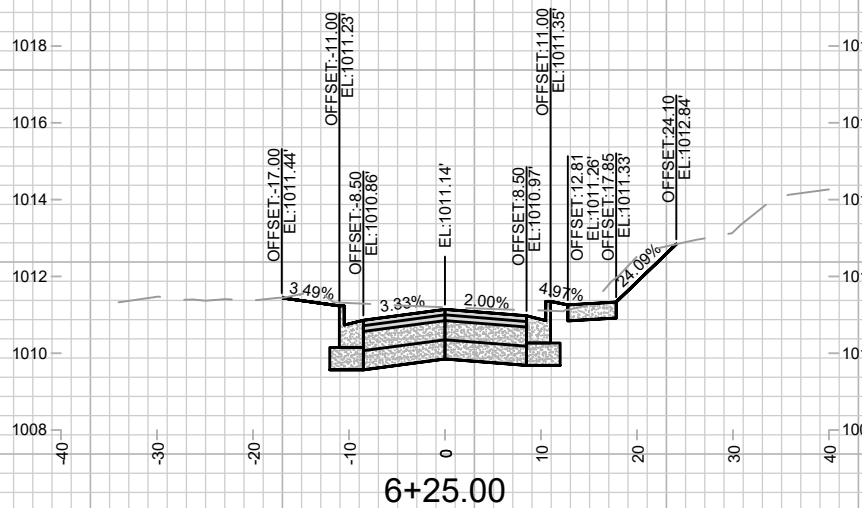
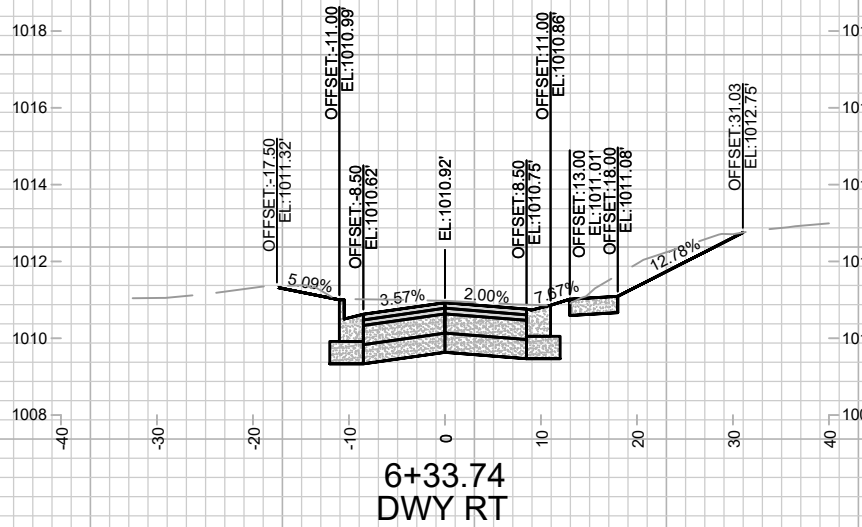
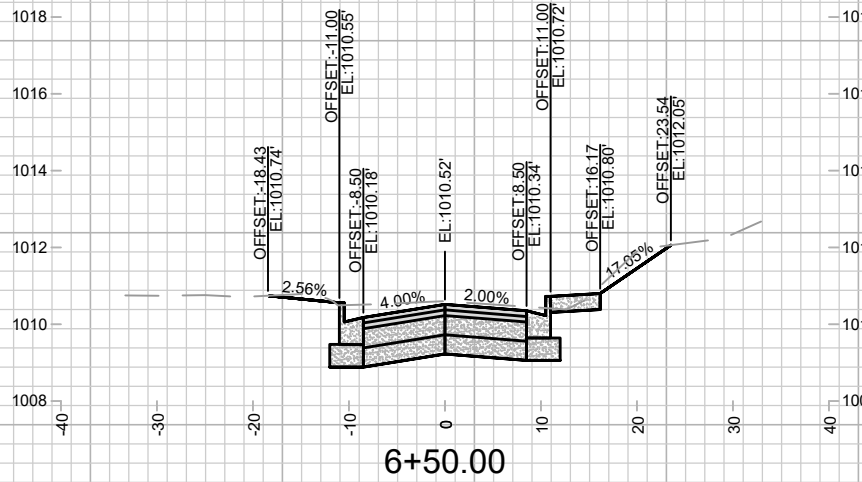
CROSS SECTIONS - BEVERLY ROAD
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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REVISION 1:
UPDATED DRIVEWAYS
TO MATCH LATERAL
GEOMETRY



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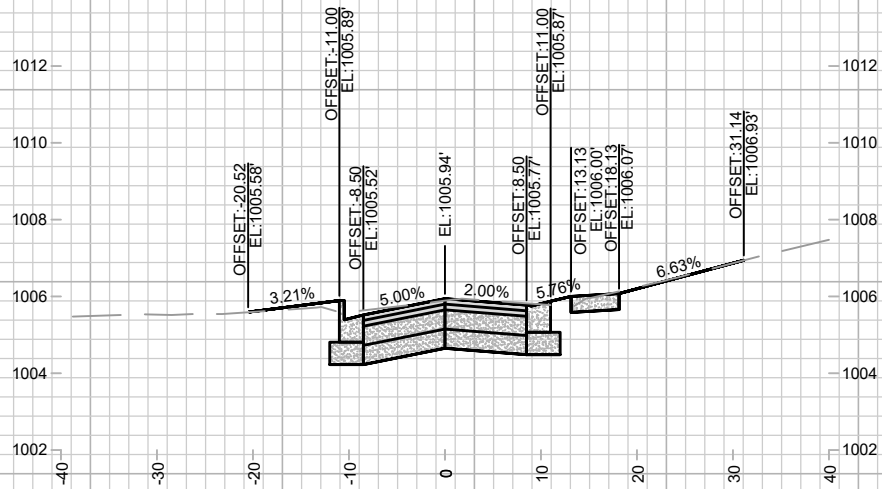
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8709
CONTRACT NO:

CROSS SECTIONS - BEVERLY ROAD
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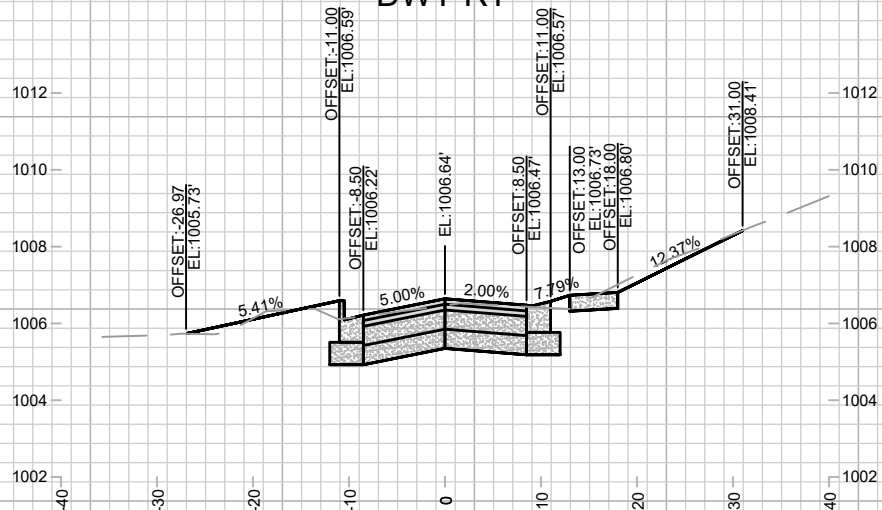


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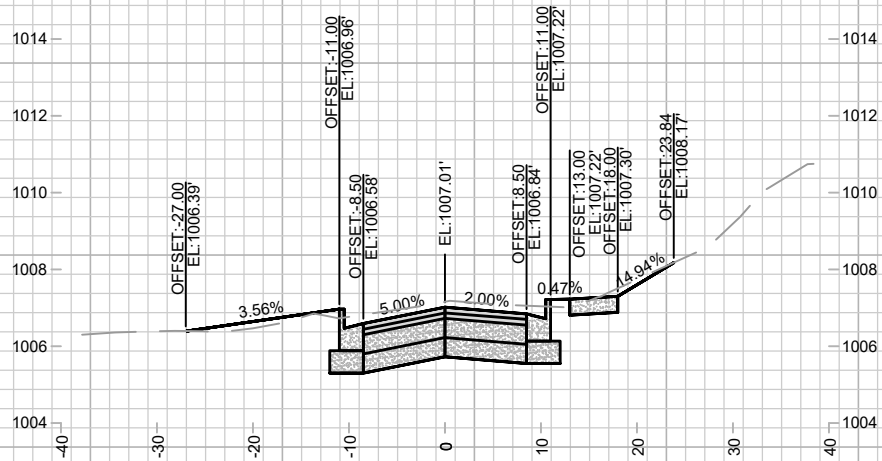
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UPDATED DRIVEWAYS
TO MATCH LATERAL
GEOMETRY



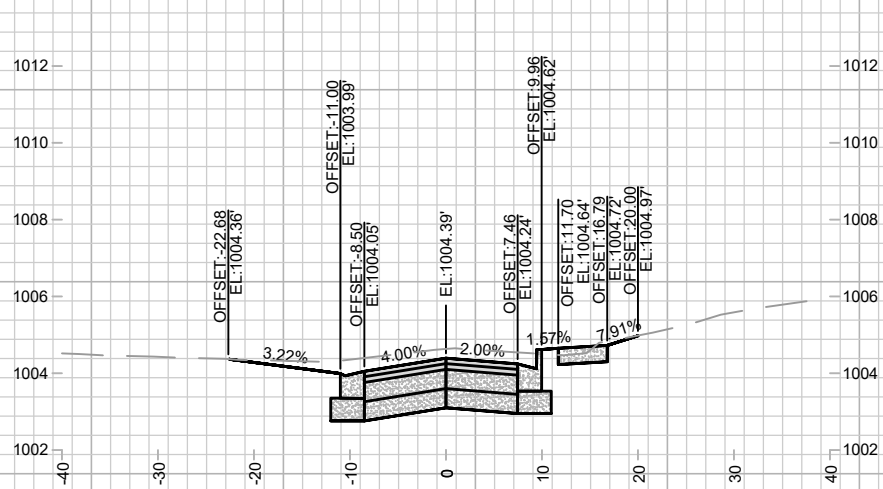
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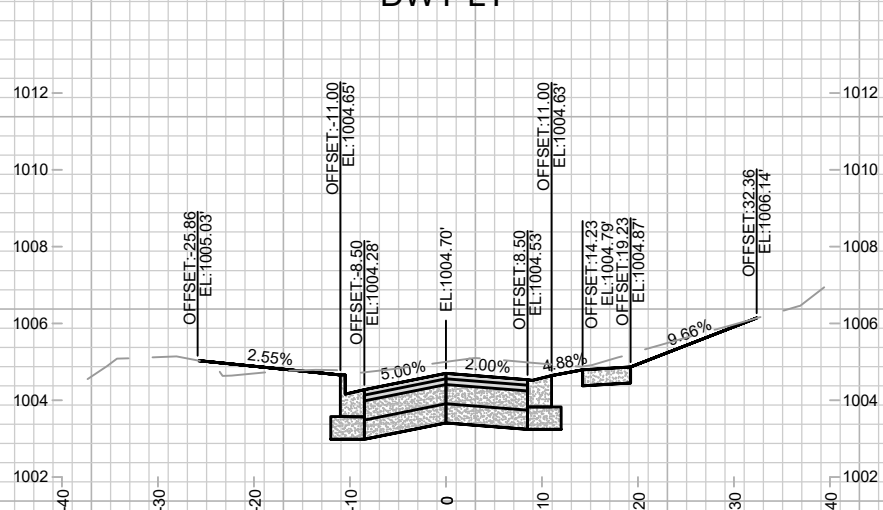
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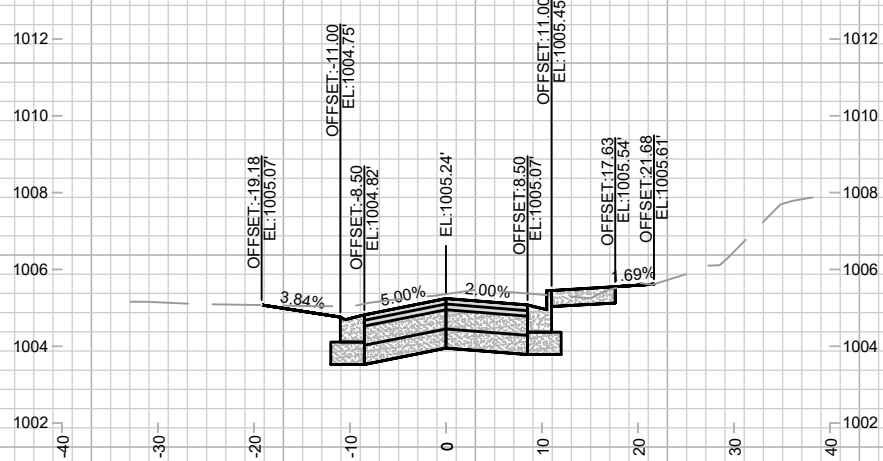
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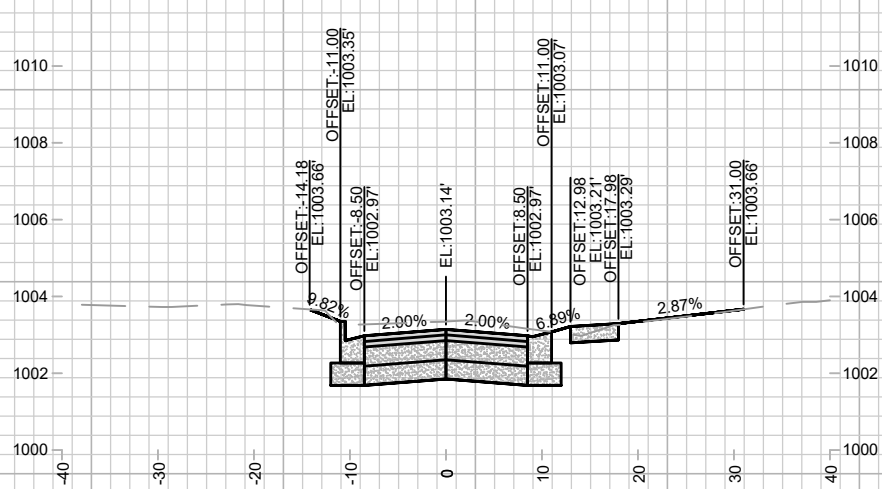
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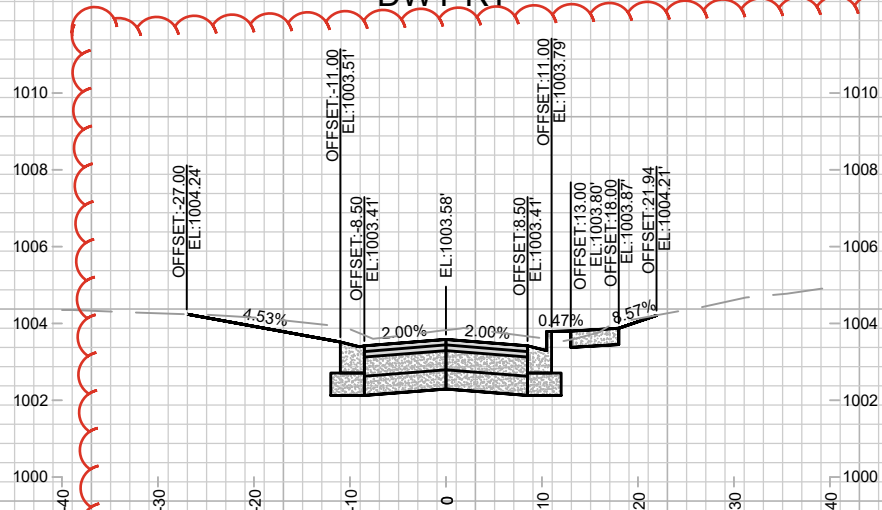
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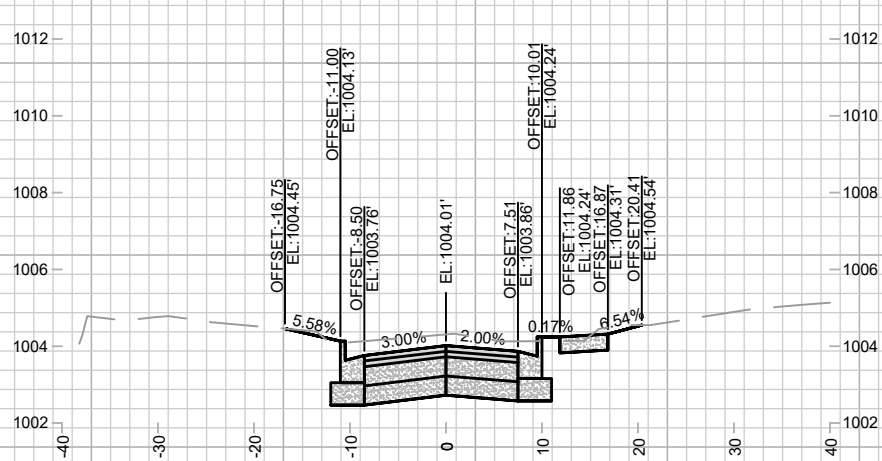
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DWY LT



9+75.00
DWY RT



9+50.00
DWY LT



9+25.00

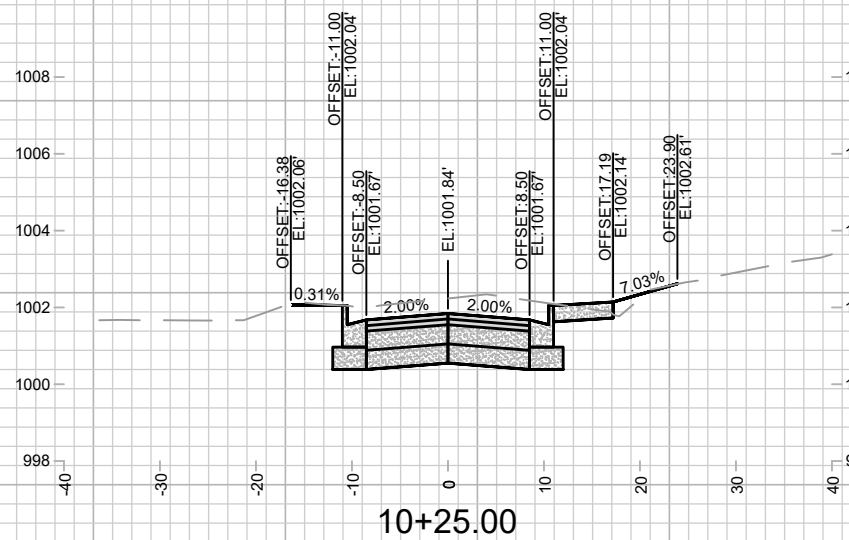
DATE	BY
8/27/2024 2:50 PM	X-5
REVISION	DATE
14079	8709
MARK	14079
DESIGNED BY: MFG	14079

14079
MADISON, WI
CONTRACT NO: 8709

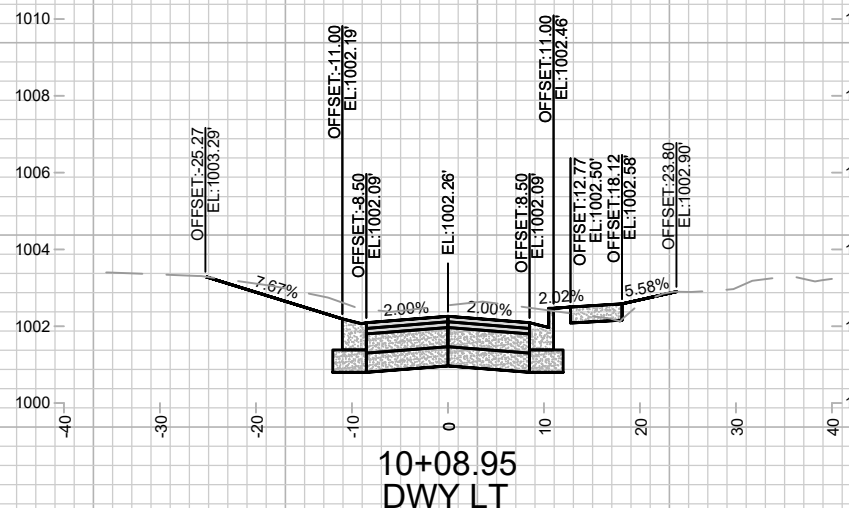
CROSS SECTIONS - BEVERLY ROAD
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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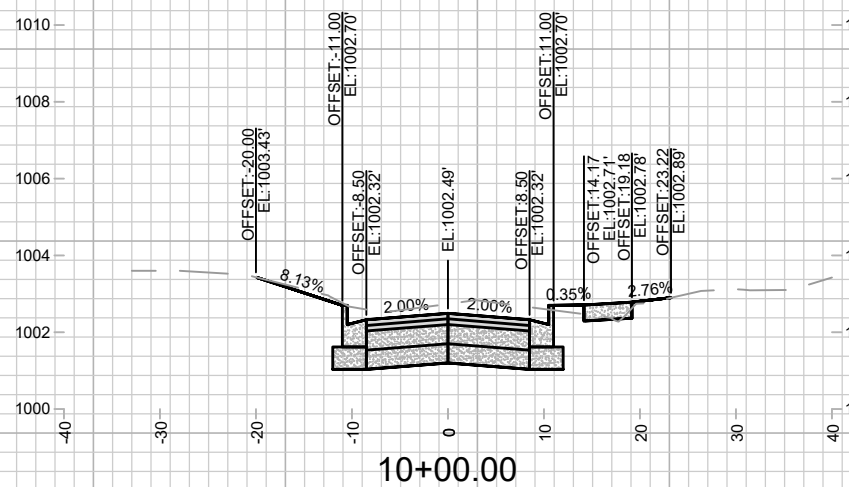
14079
X-5



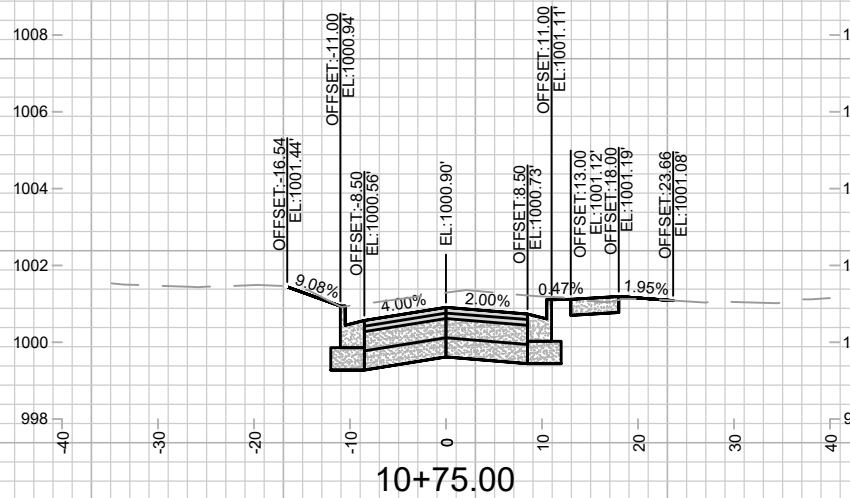
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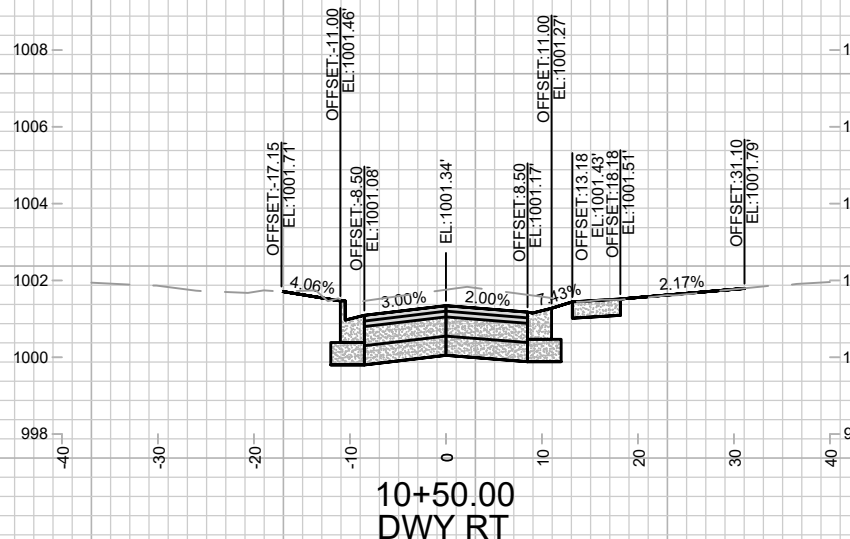
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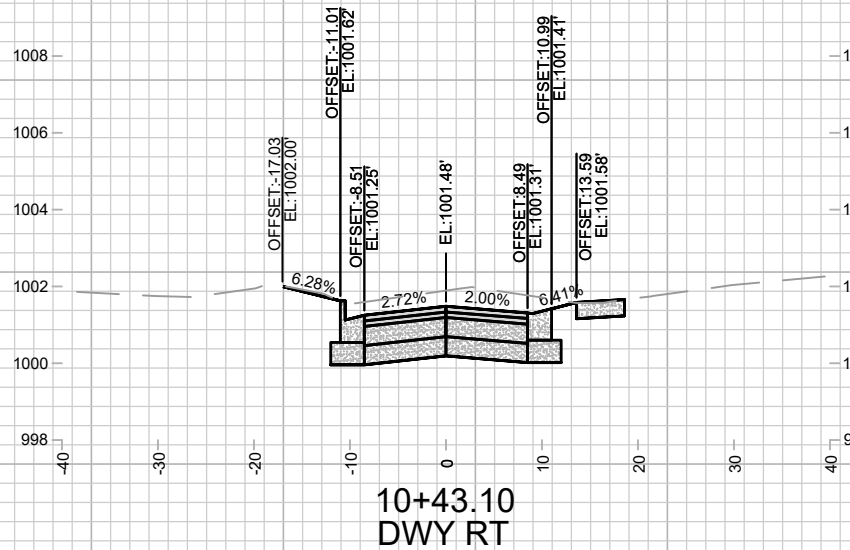
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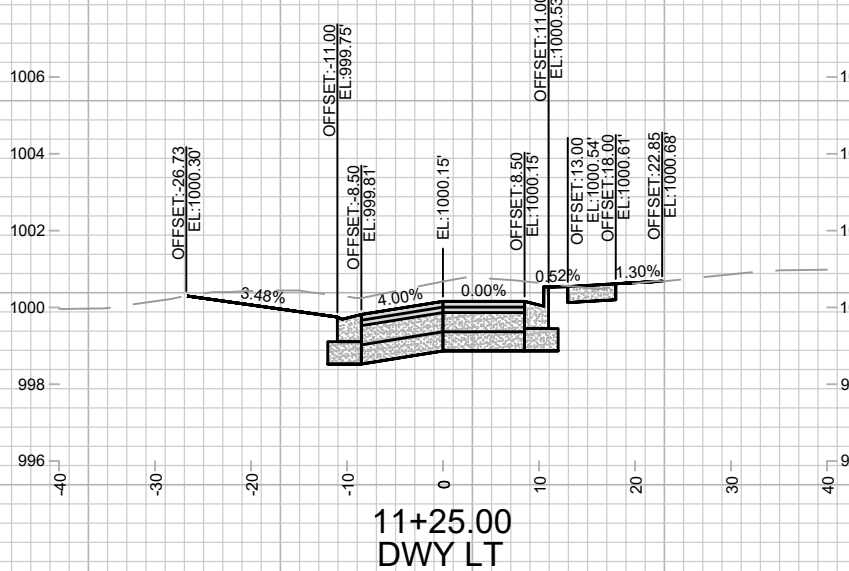
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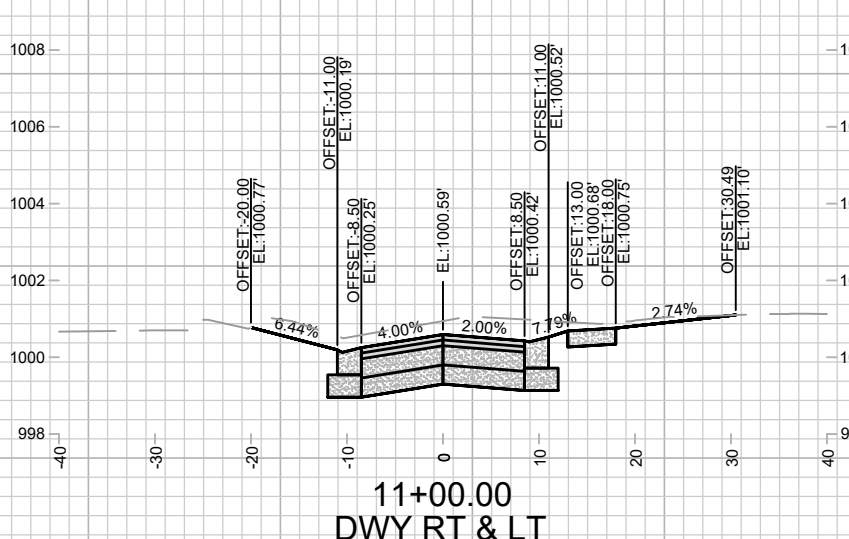
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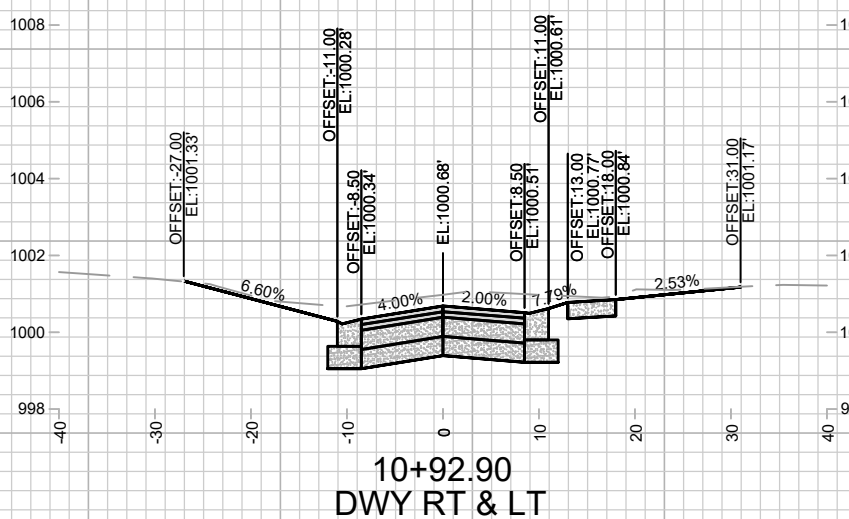
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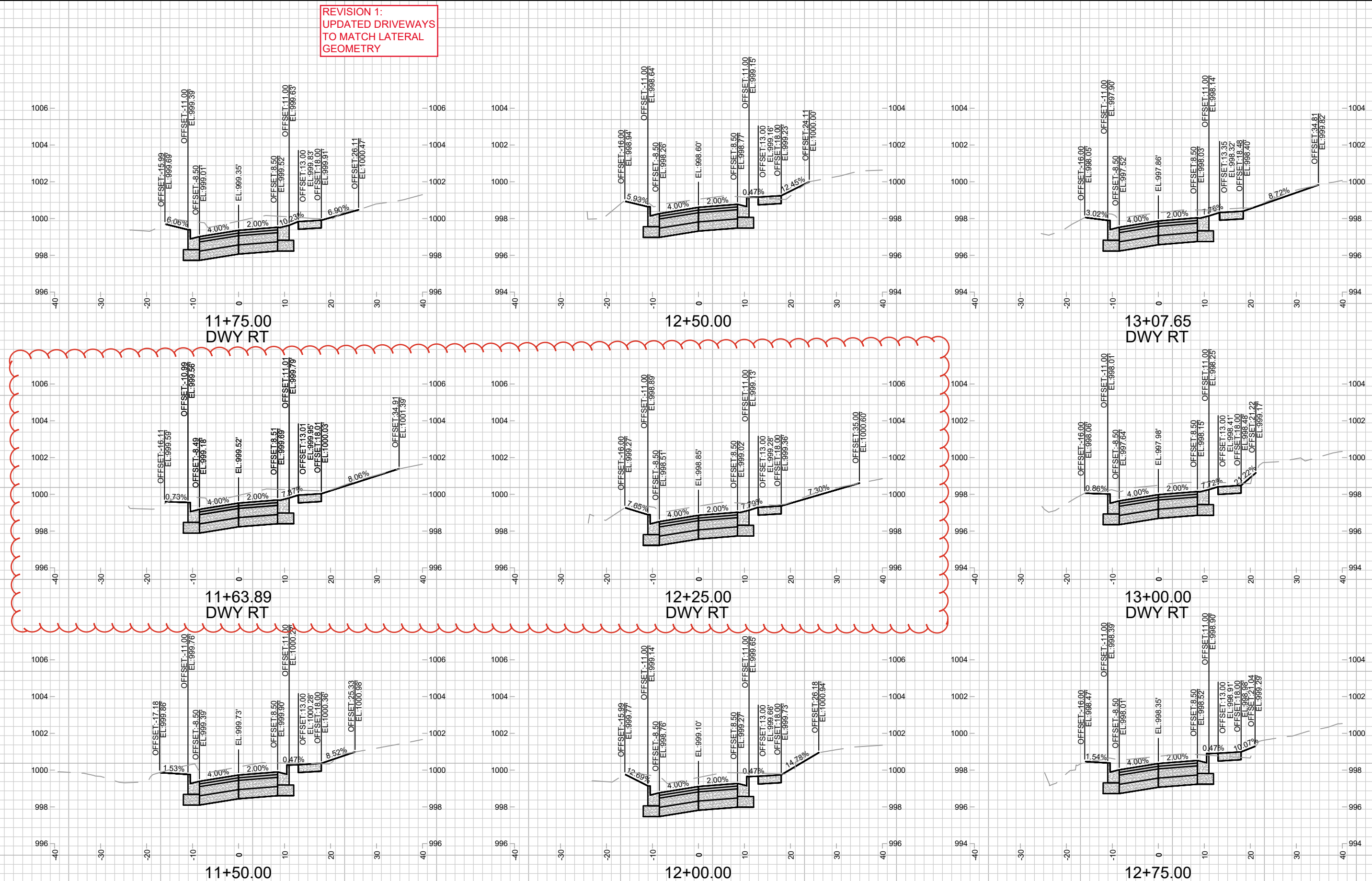
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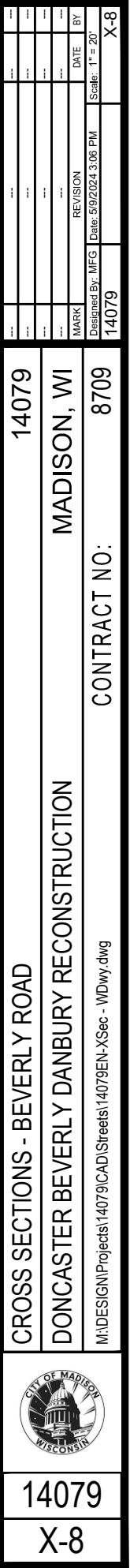


11+00.00
DWY RT & LT

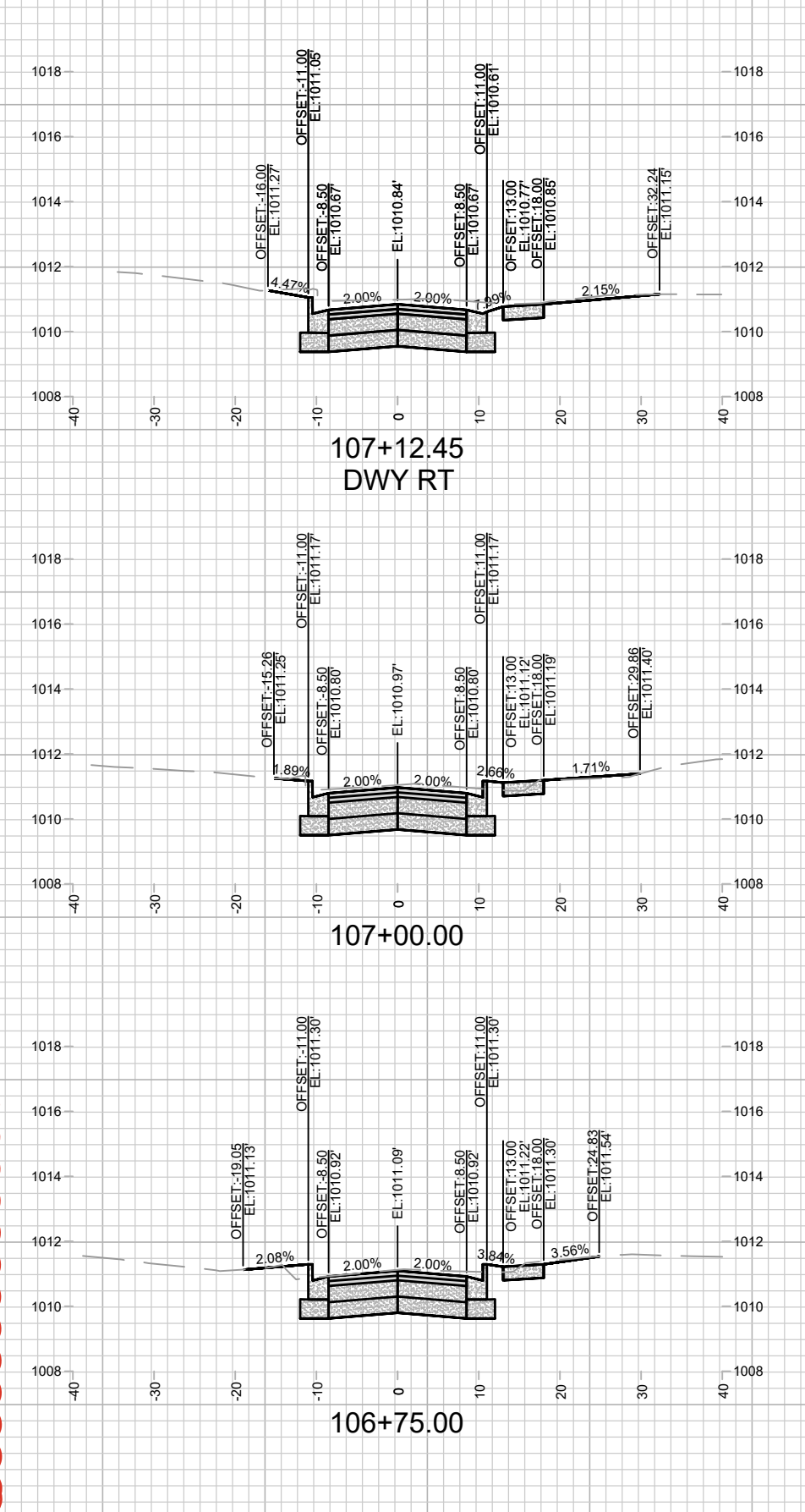
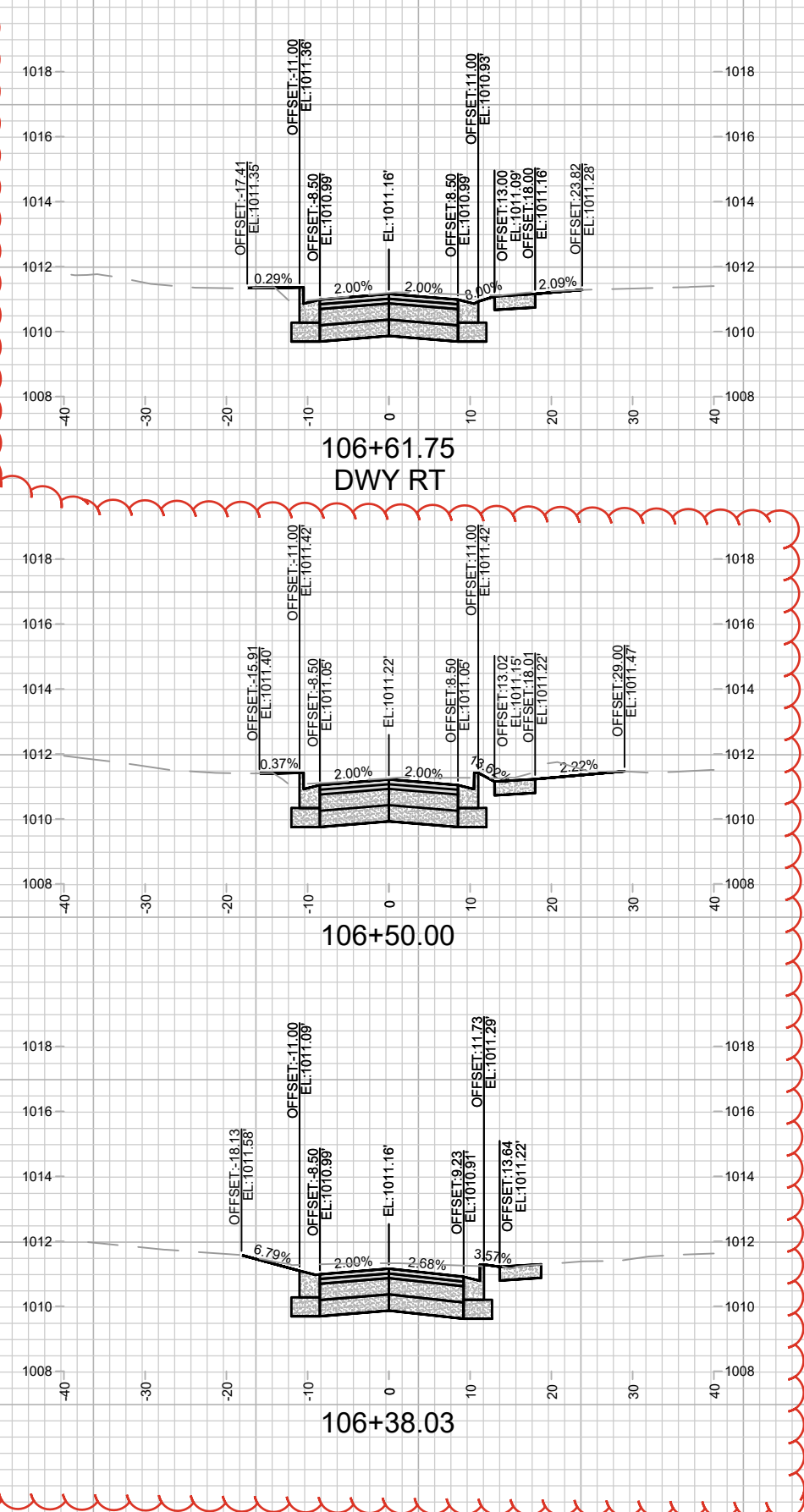
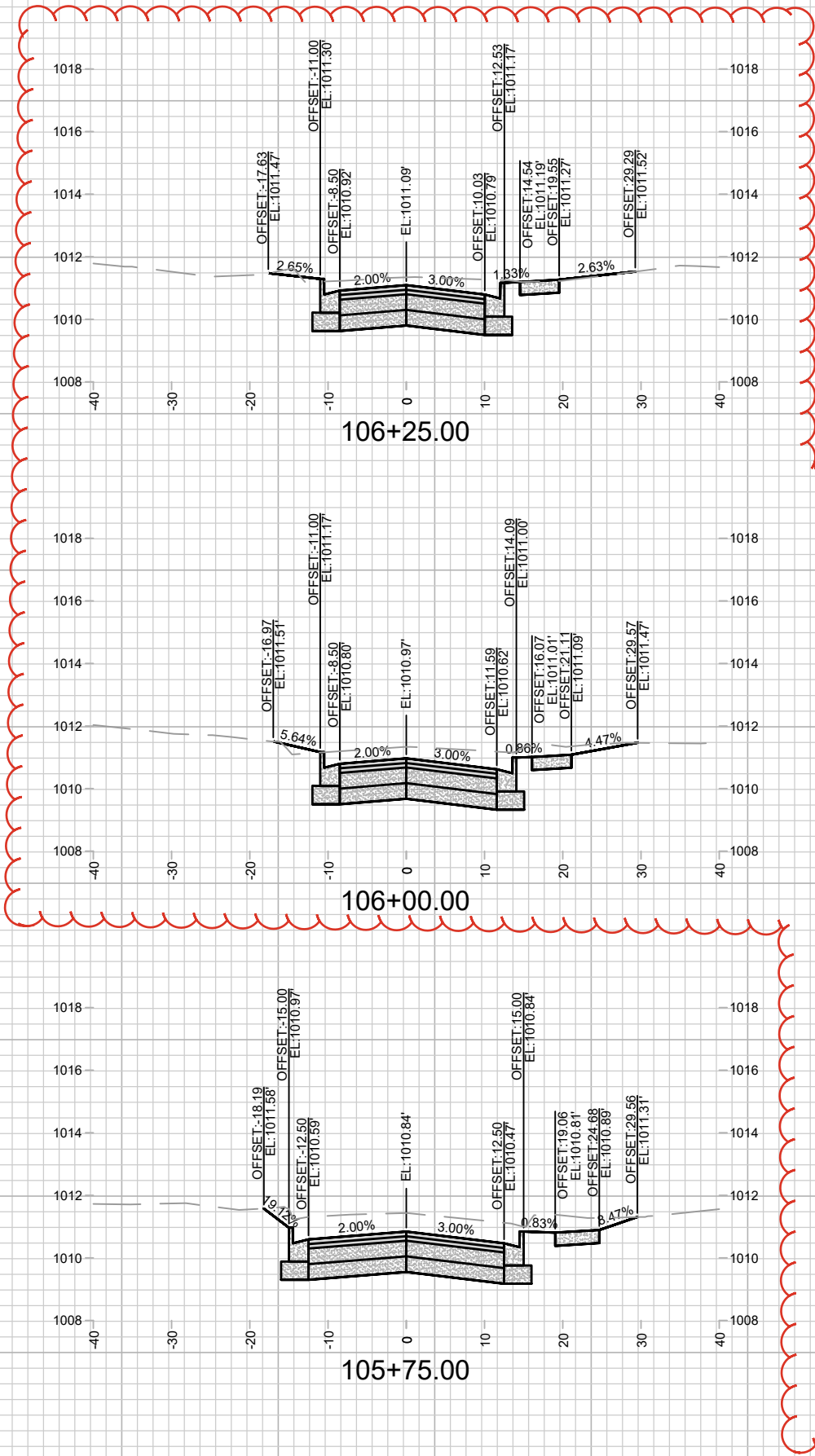


10+92.90
DWY RT & LT





REVISION 1:
UPDATED TO MATCH
LONGER TAPER

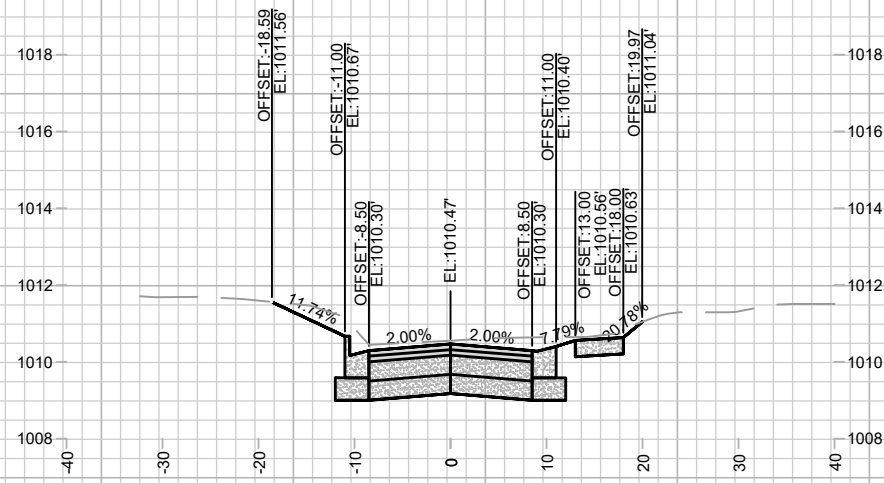


CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION

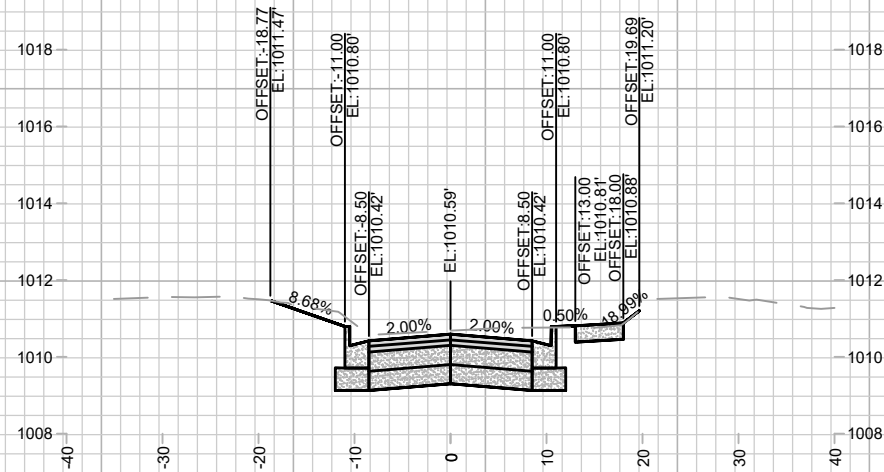
14079
MADISON, WI
CONTRACT NO: 8709

MARK	REVISION	DATE	BY
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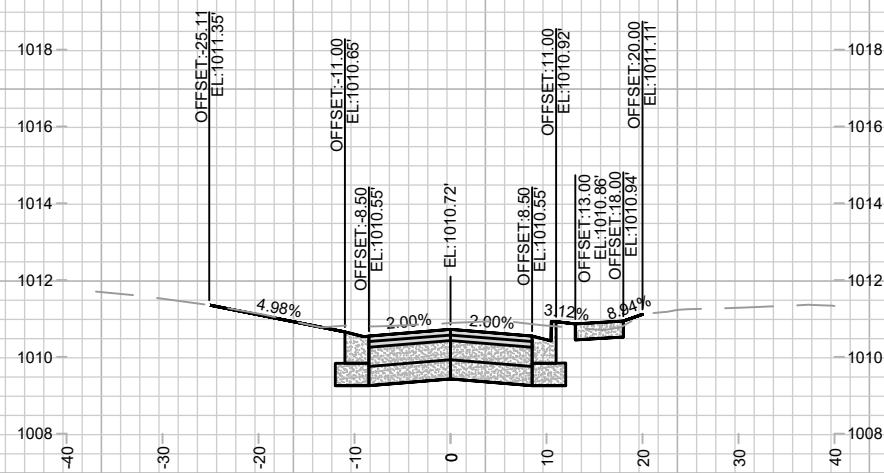
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X-9



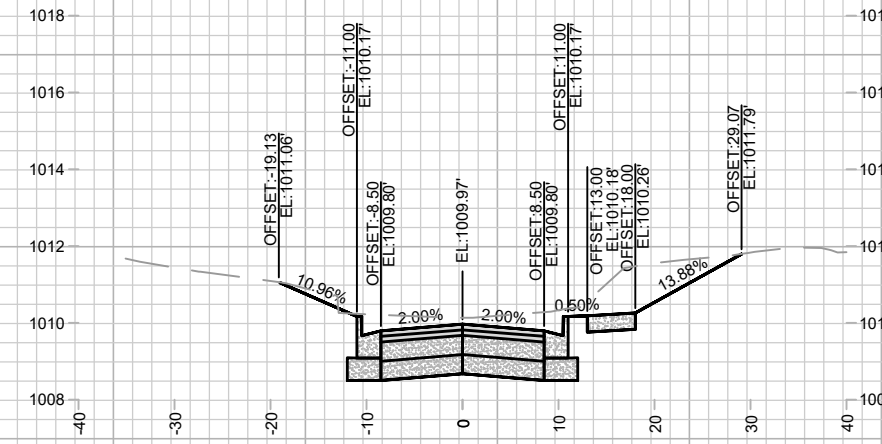
107+75.00
DWY RT



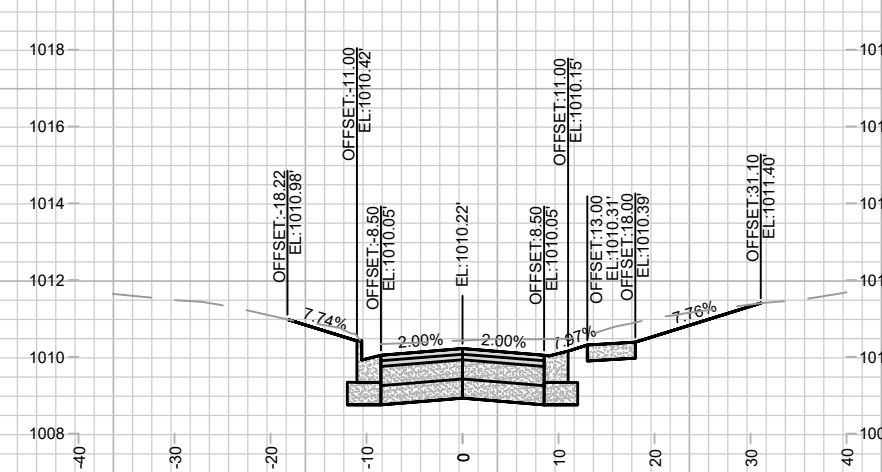
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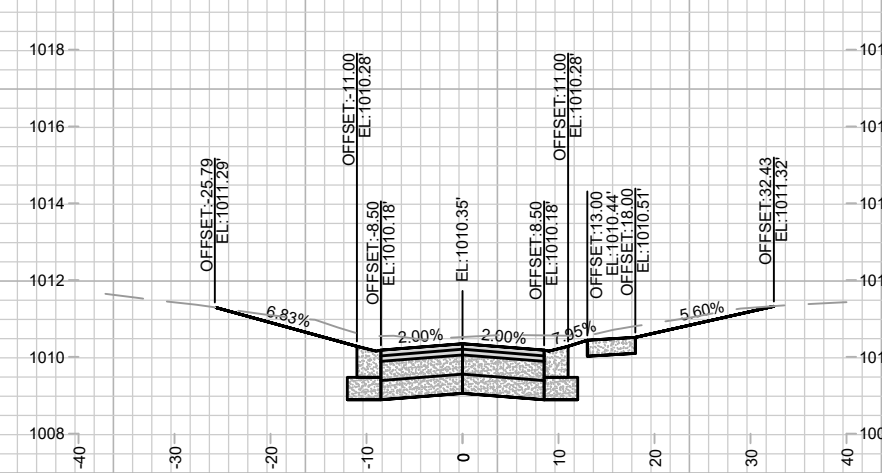
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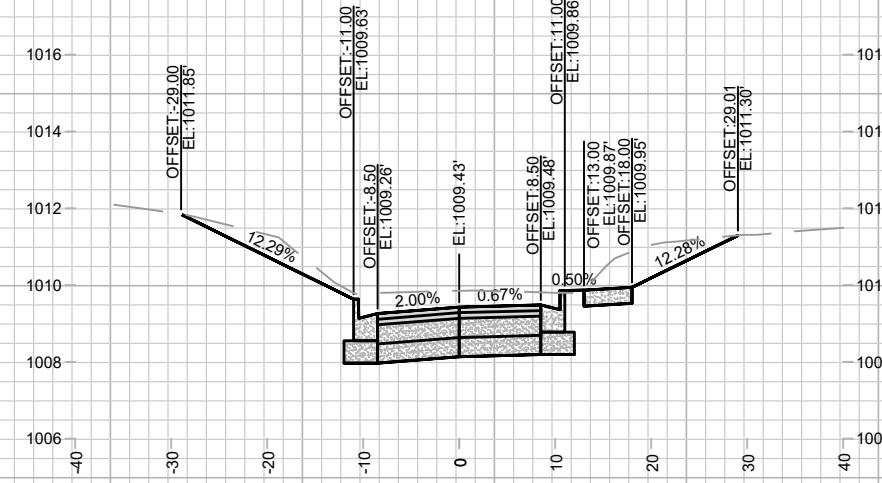
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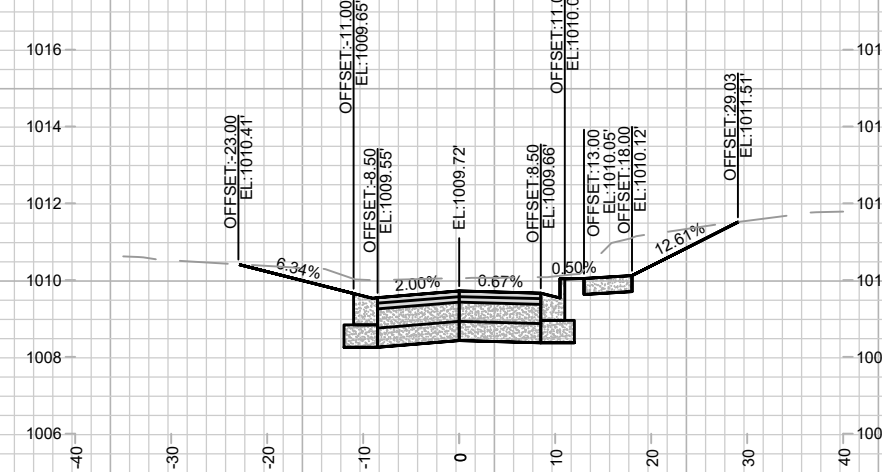
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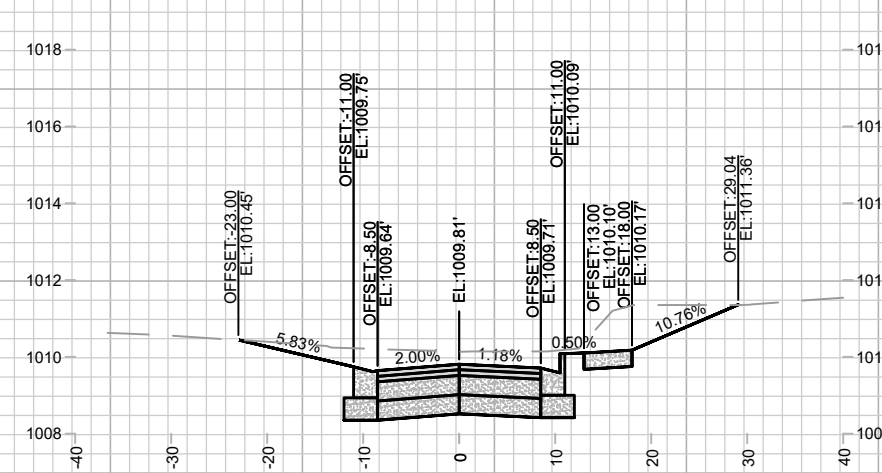
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DWY RT & LT



108+75.00



108+50.00
DWY LT



108+40.38
DWY LT



CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION

14079
MADISON, WI

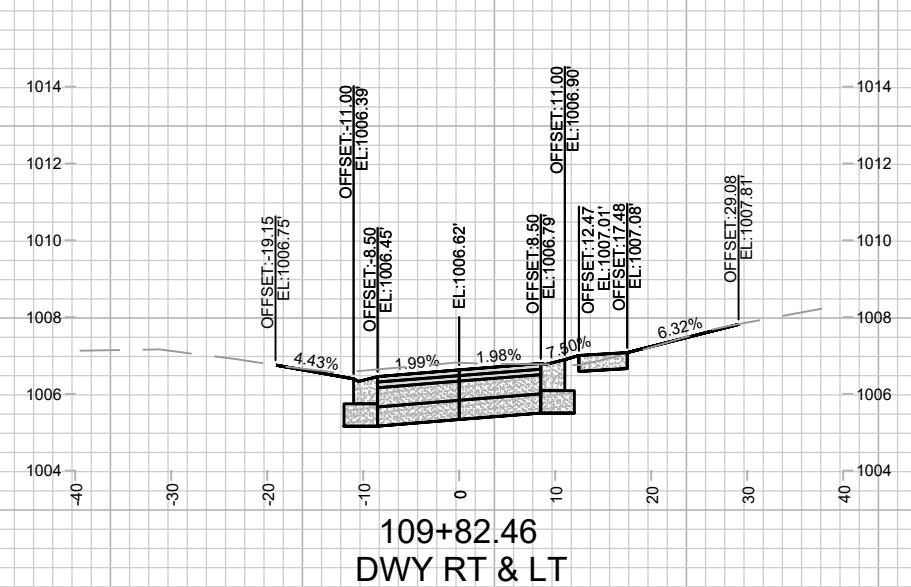
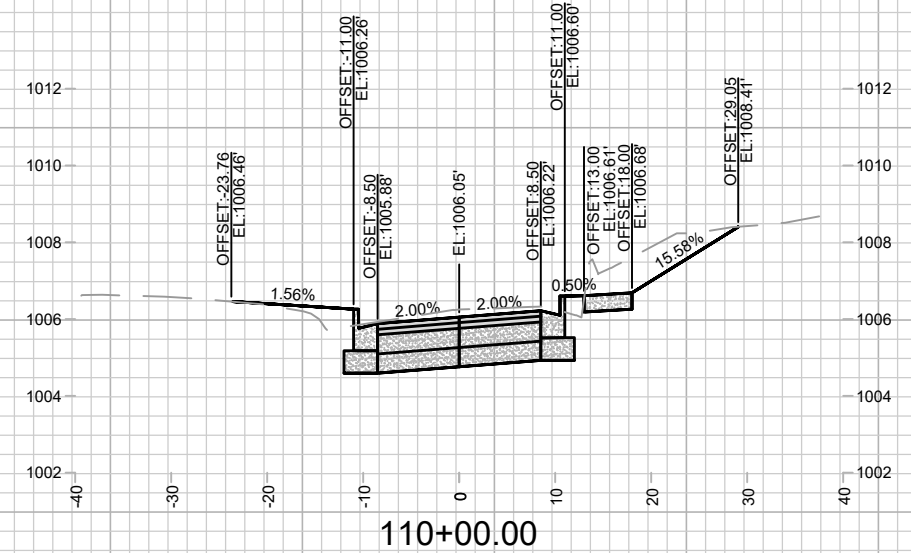
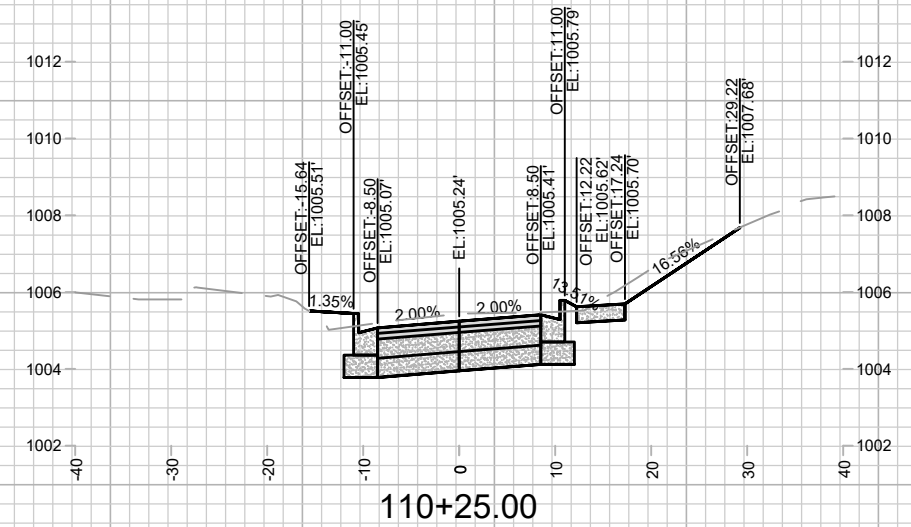
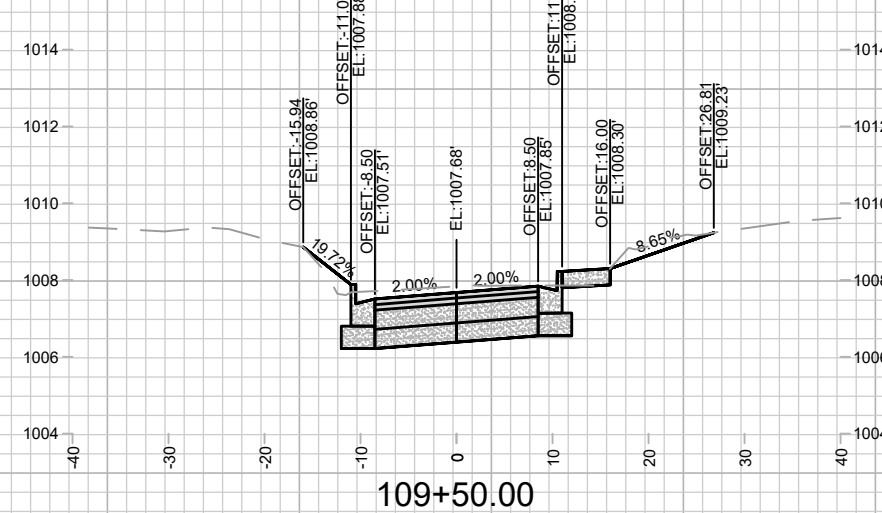
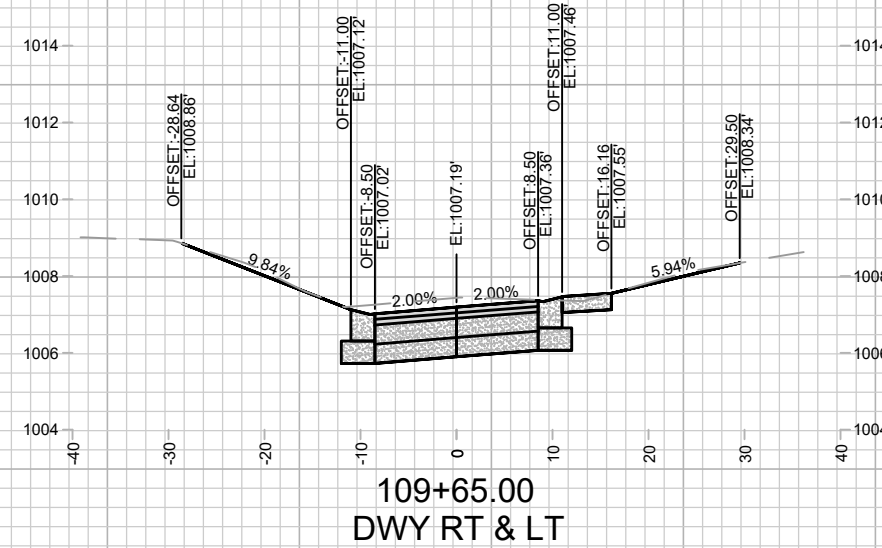
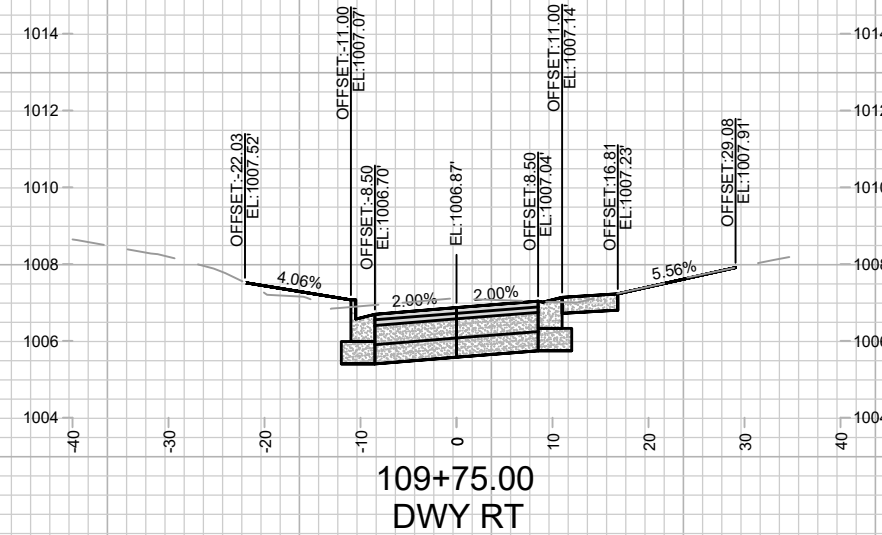
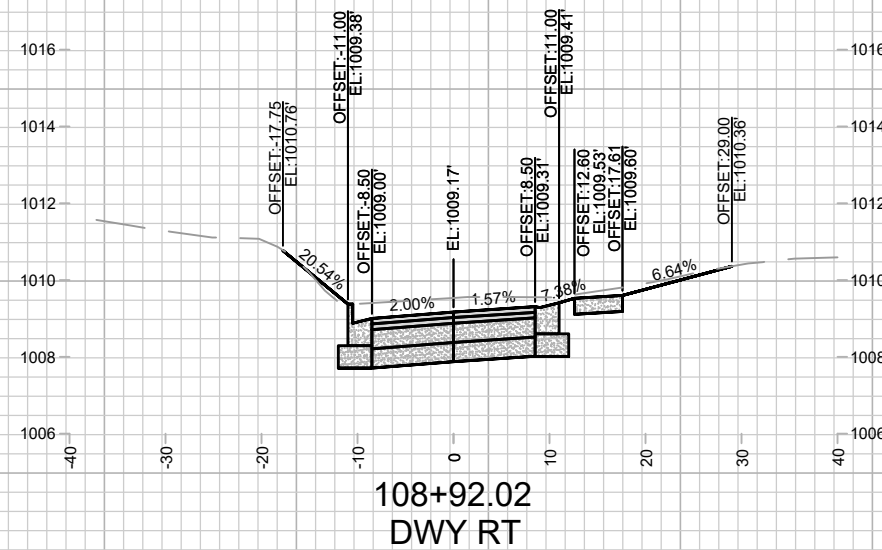
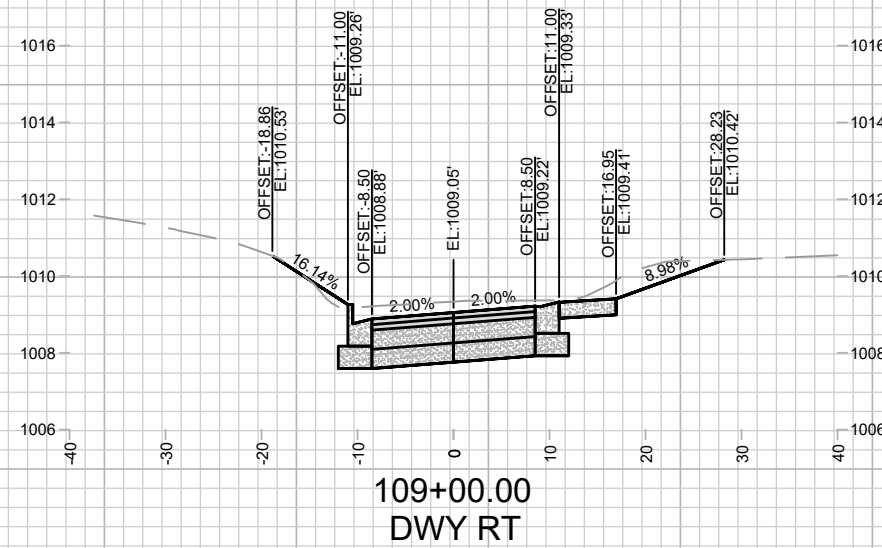
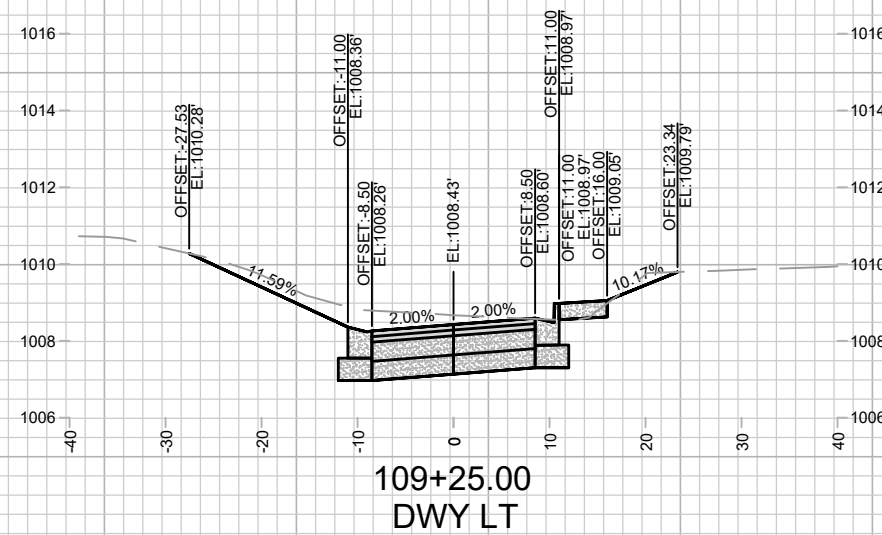
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CONTRACT NO: 8709

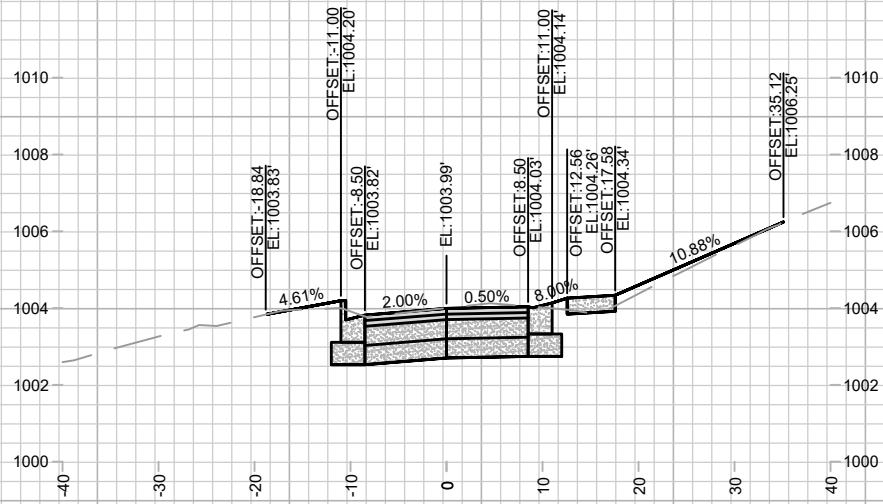
MARK
Designed By: MFG
14079

REVISION
Date: 5/9/2024 3:06 PM

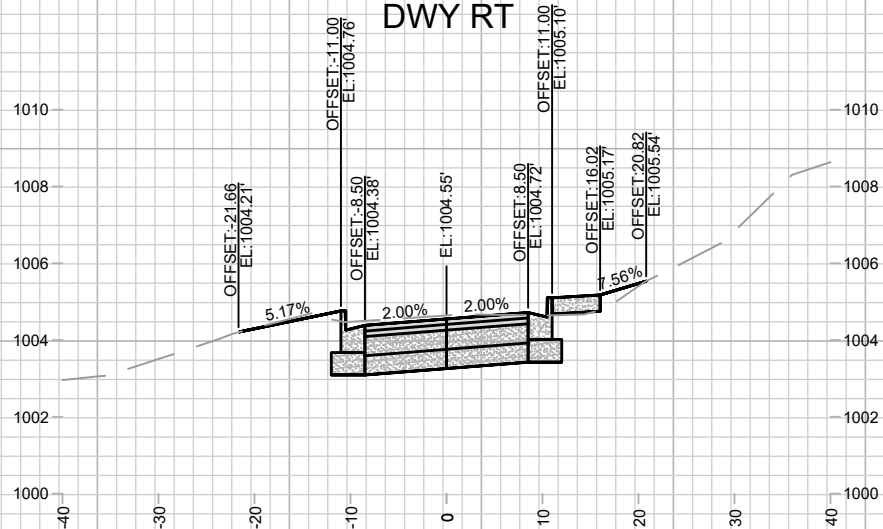
DATE
BY
Scale: 1" = 20'
X-10



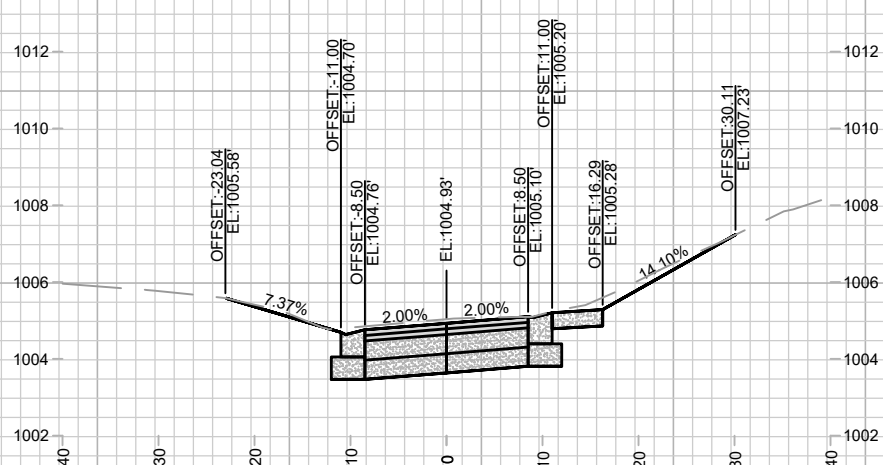
REVISION 1:
UPDATED DRIVEWAYS
TO MATCH LATERAL
GEOMETRY



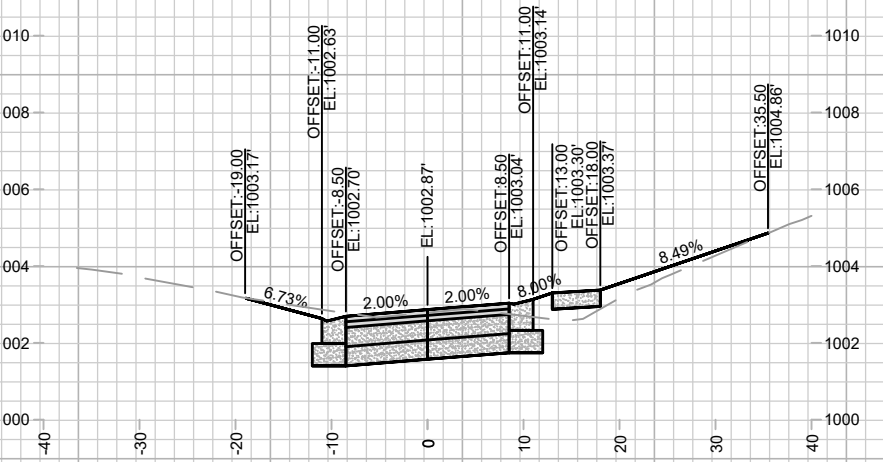
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DWY RT



110+50.00



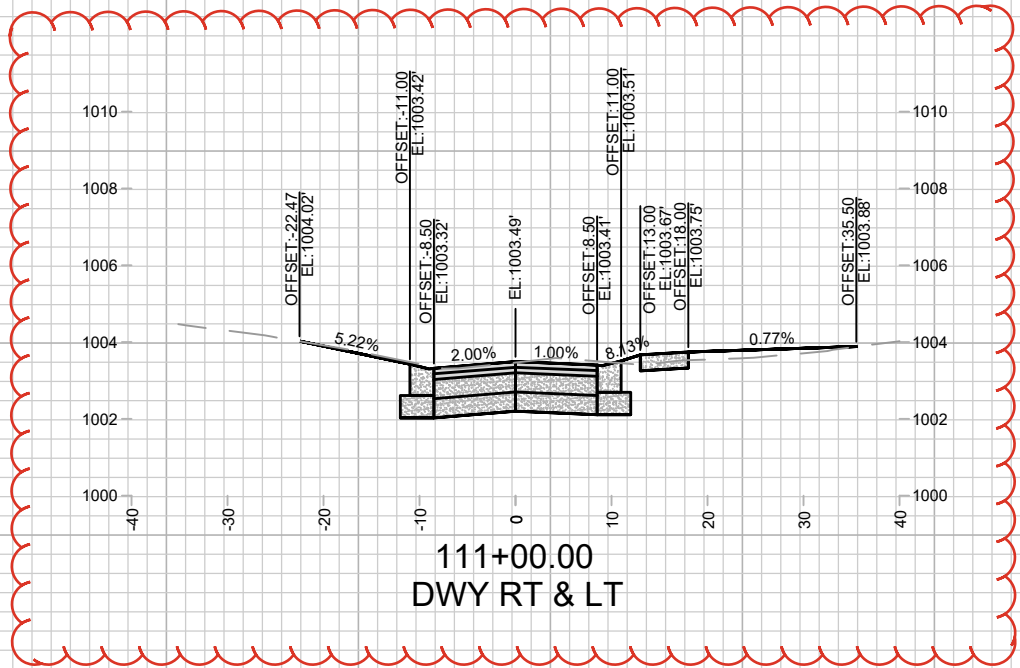
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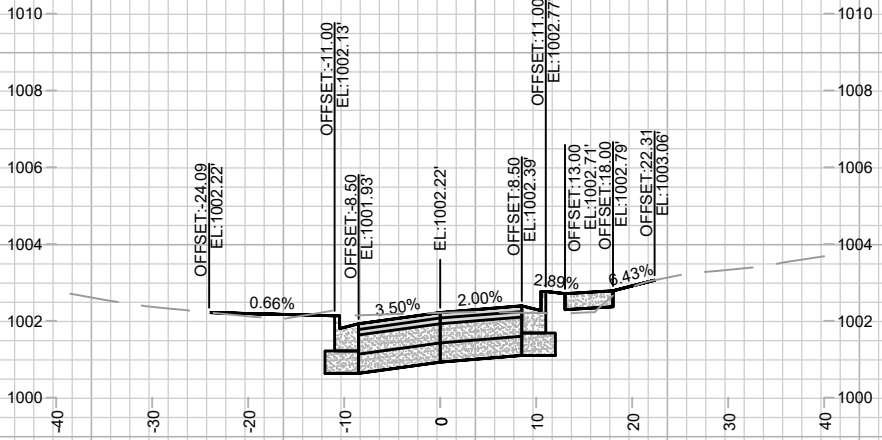
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DWY RT & LT



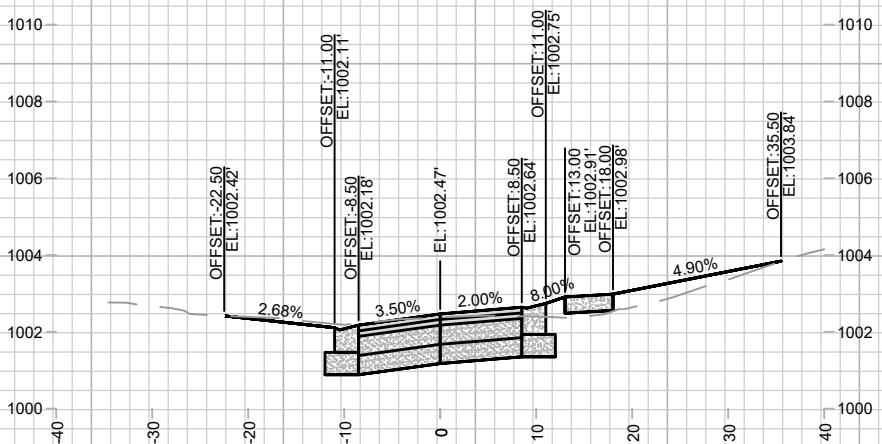
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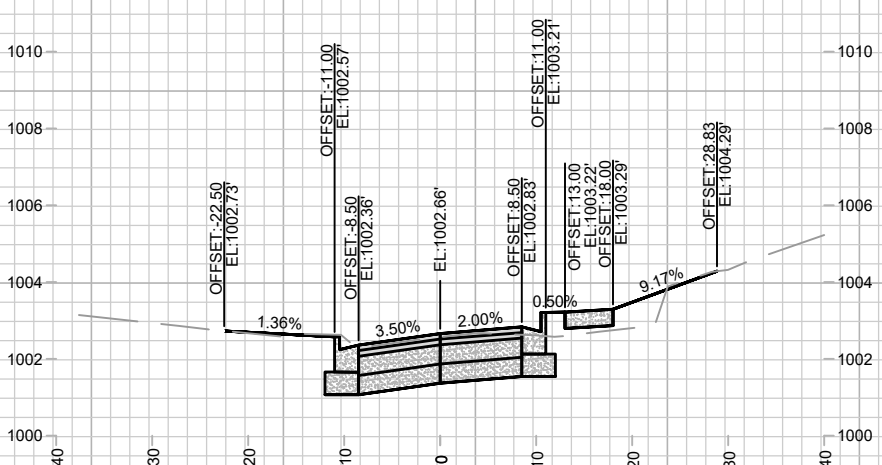
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DWY RT & LT



112+25.00



112+00.00
DWY RT & LT



111+75.00

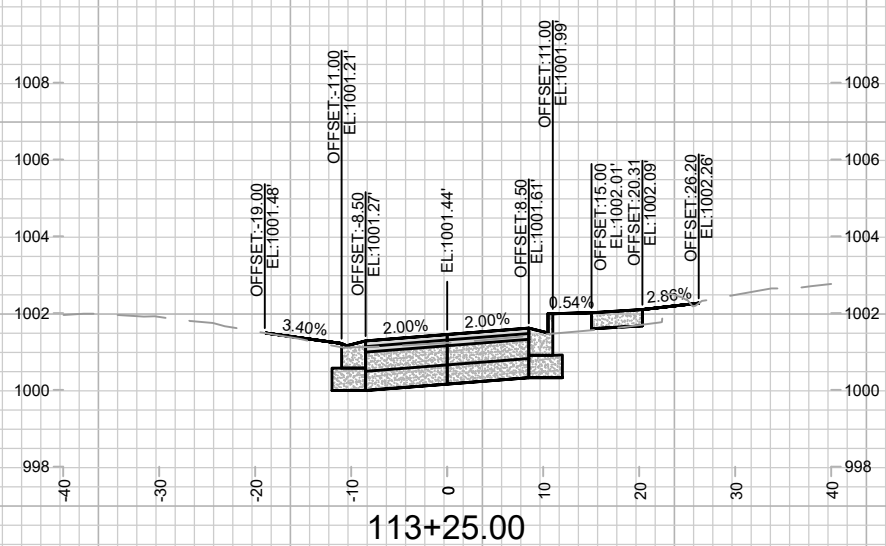
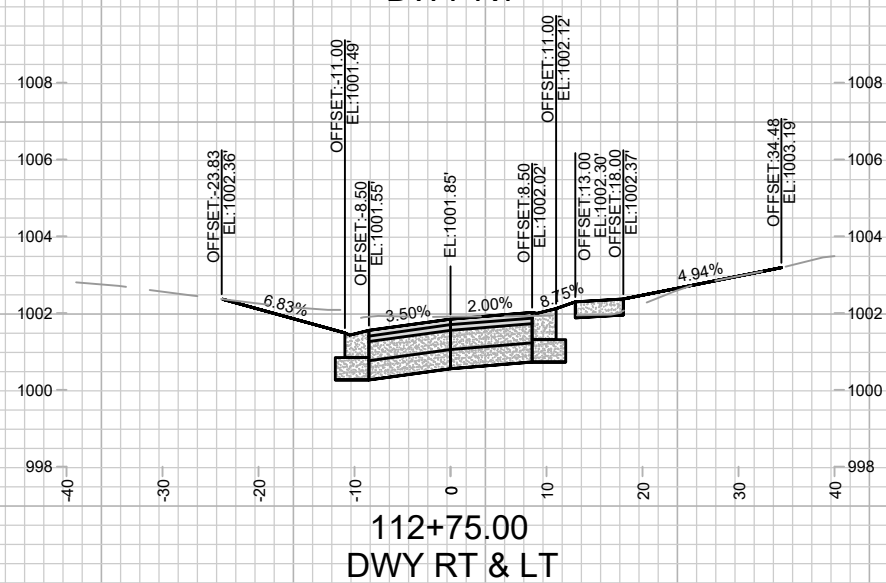
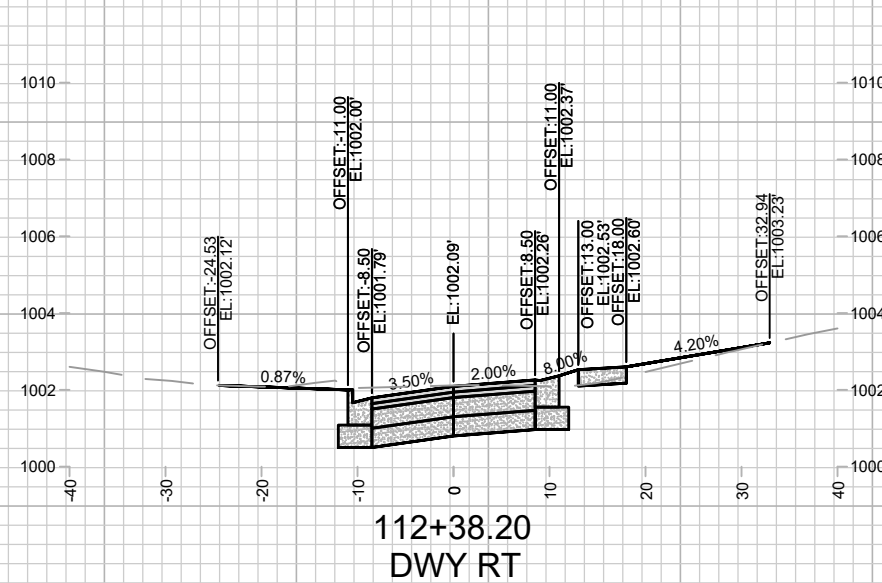
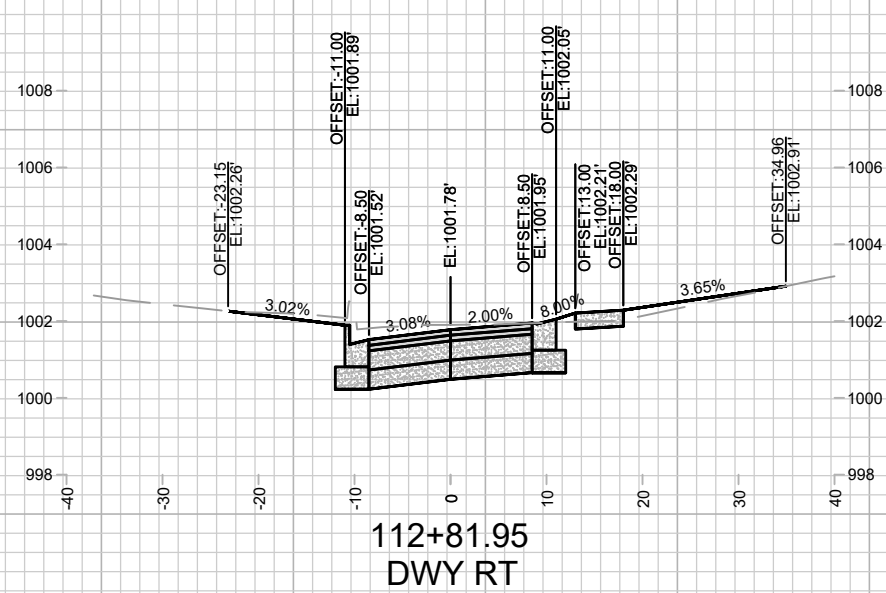
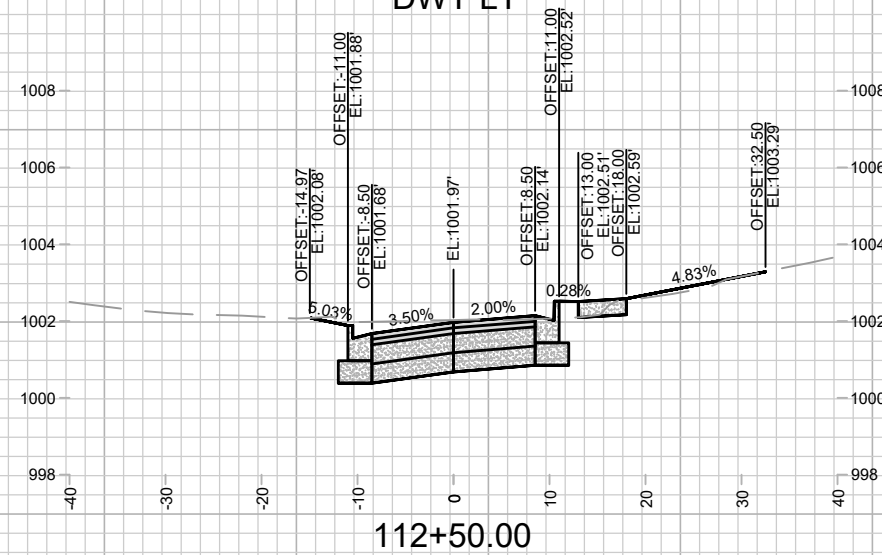
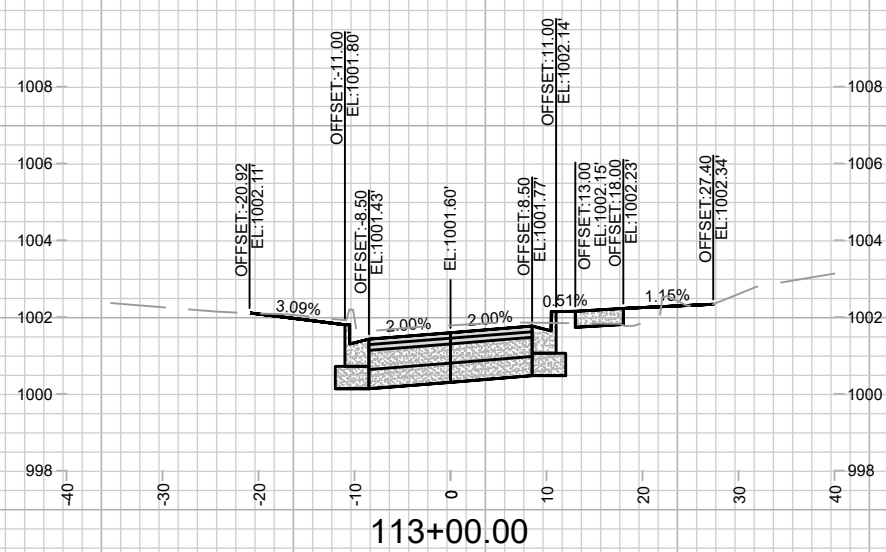
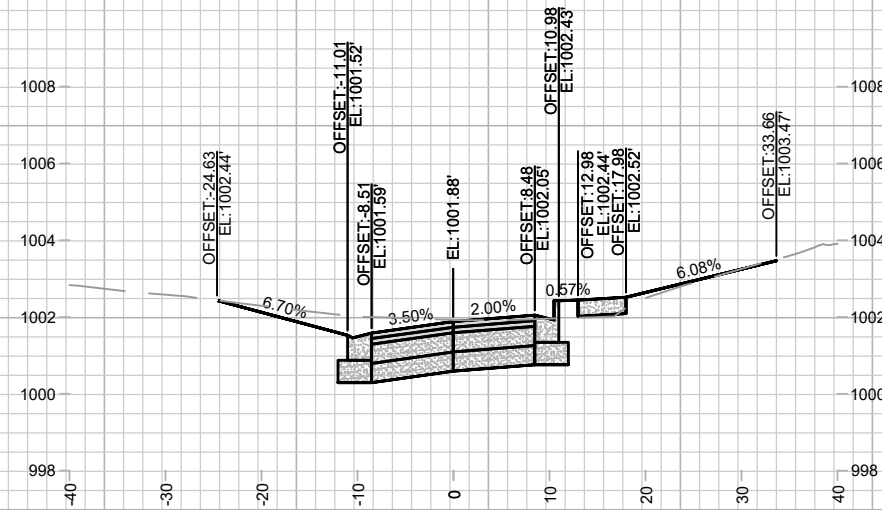
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14079
MADISON, WI
8709
CONTRACT NO:

CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
X-12



14079
X-13

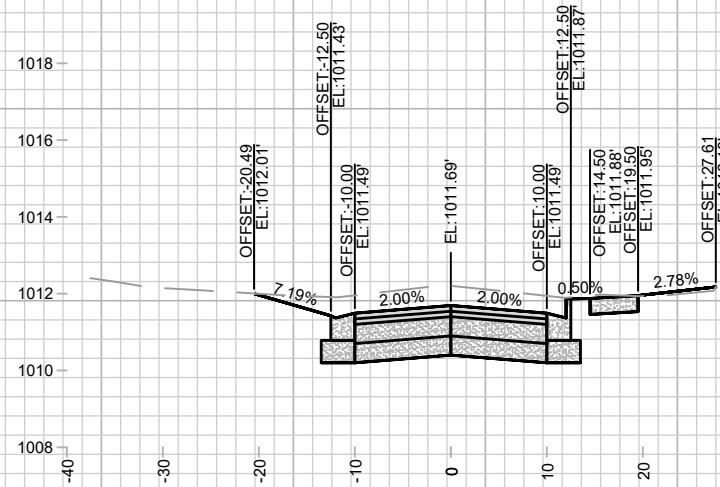
CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION

14079
MADISON, WI

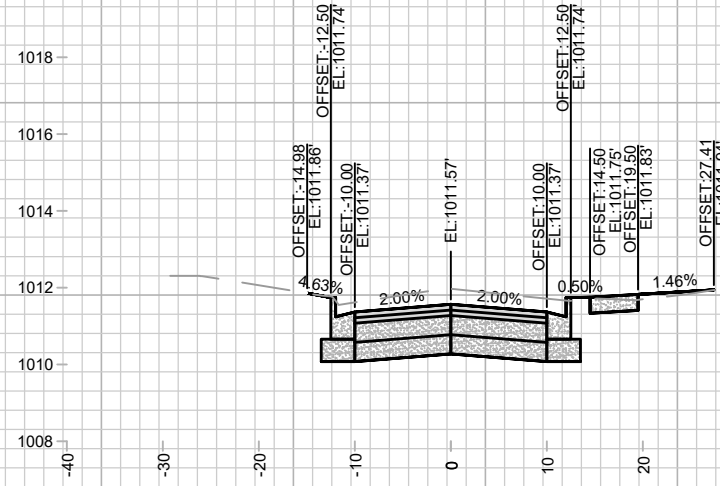
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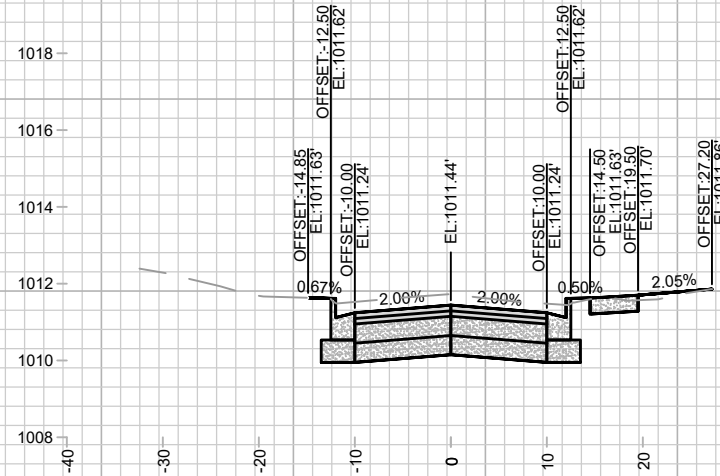
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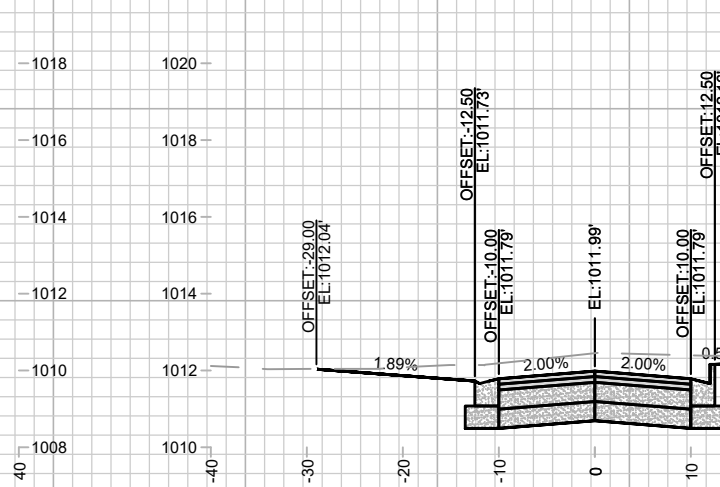
205+00.00
DWY LT



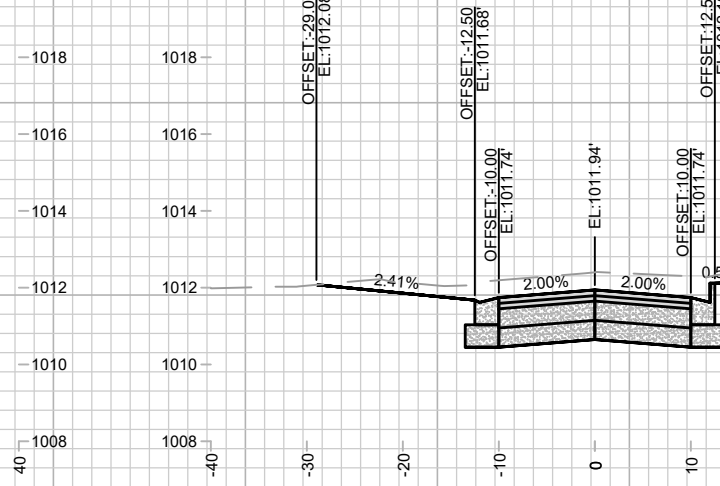
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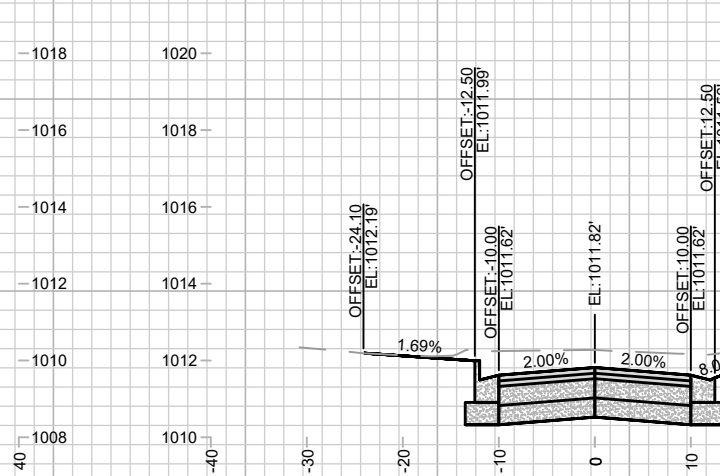
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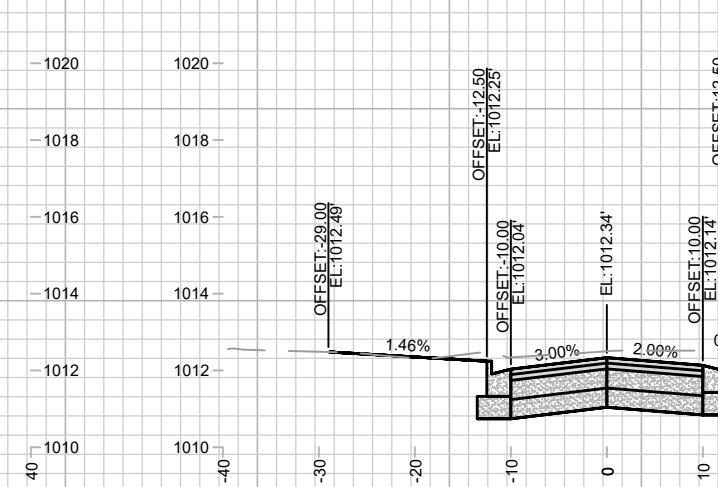
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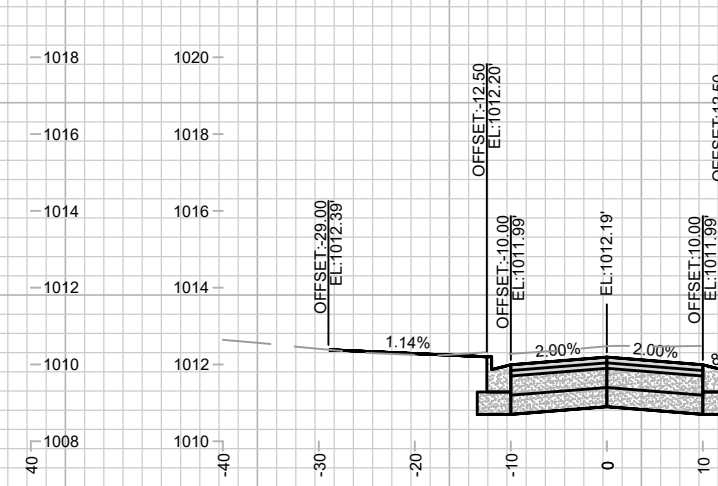
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DWY LT



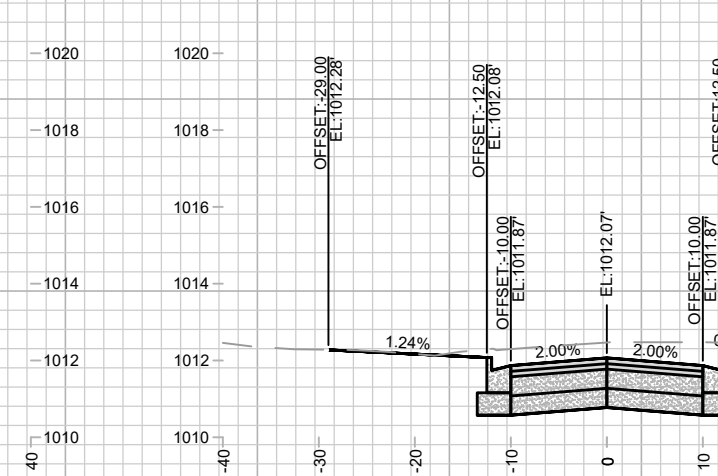
205+25.00
DWY RT



206+25.00



206+00.00
DWY RT



205+75.00



14079

X-14

CROSS SECTIONS - DANBURY STREET

DONCASTER BEVERLY DANBURY RECONSTRUCTION

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14079

MADISON, WI

8709

CONTRACT NO:

14079

DESIGNED BY: MFG

DATE: 5/9/2024 3:07 PM

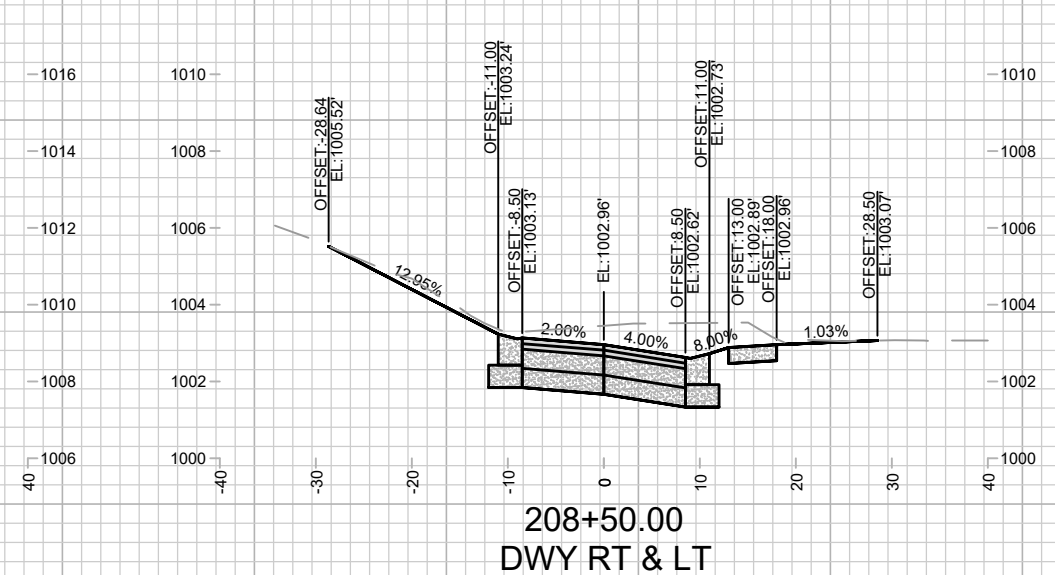
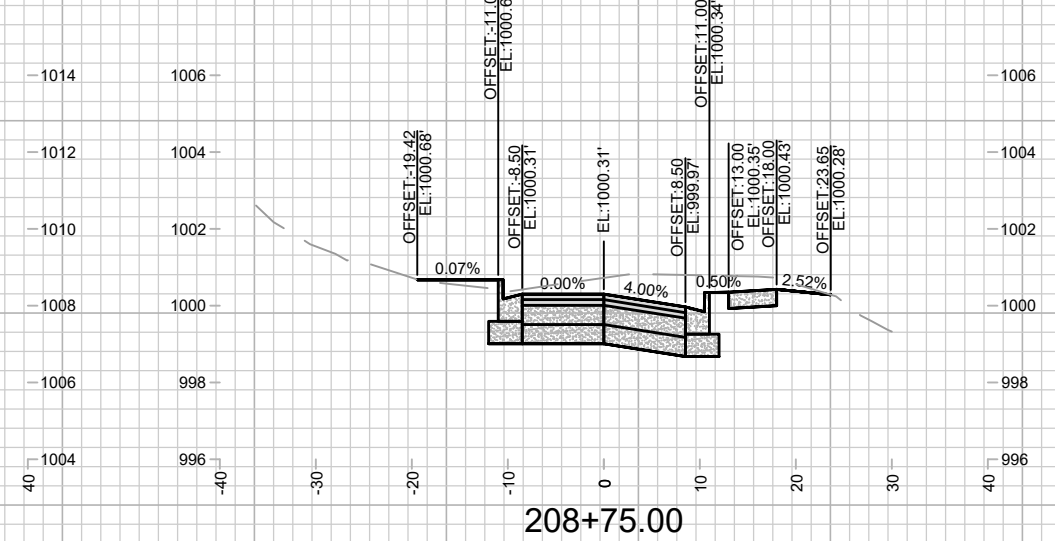
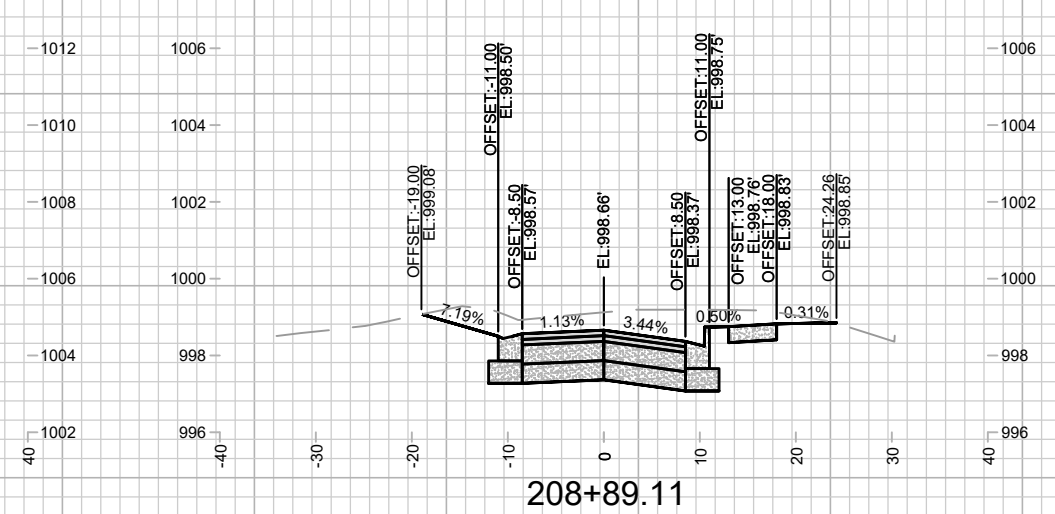
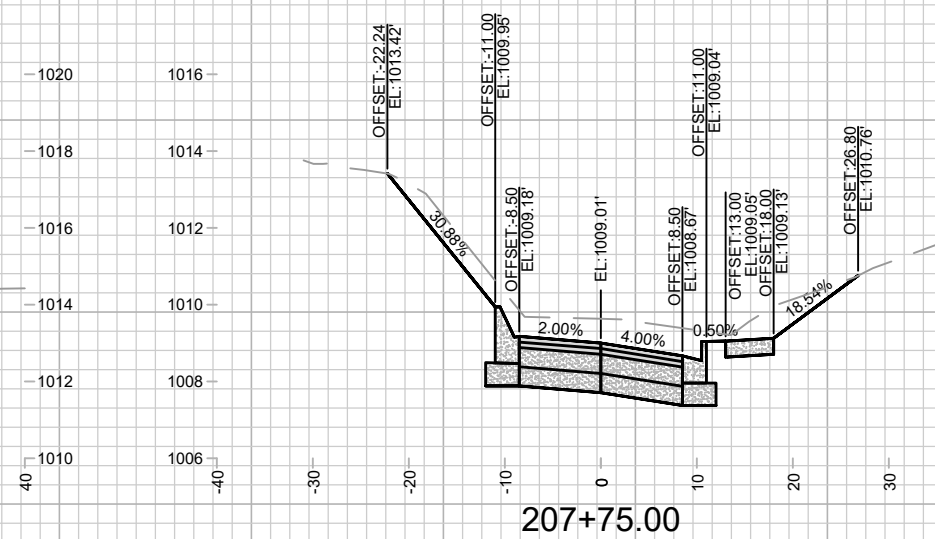
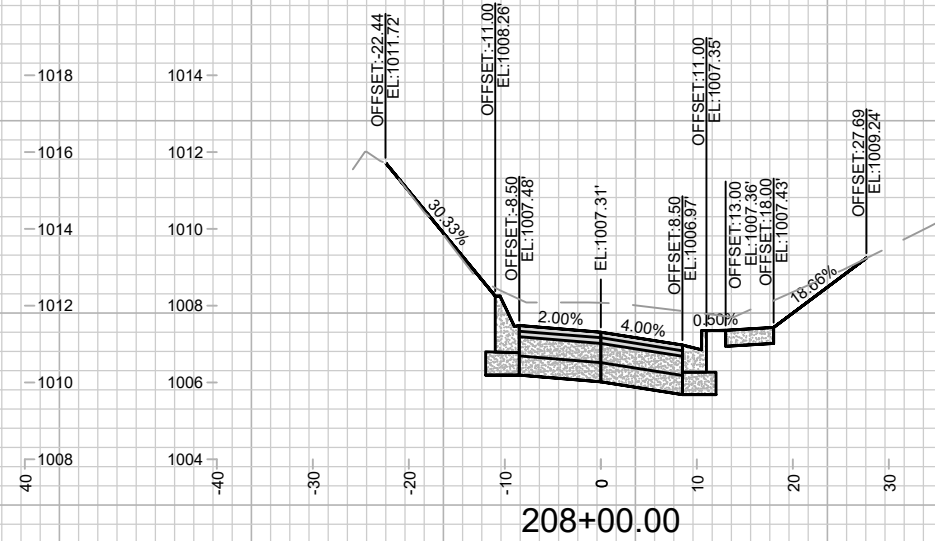
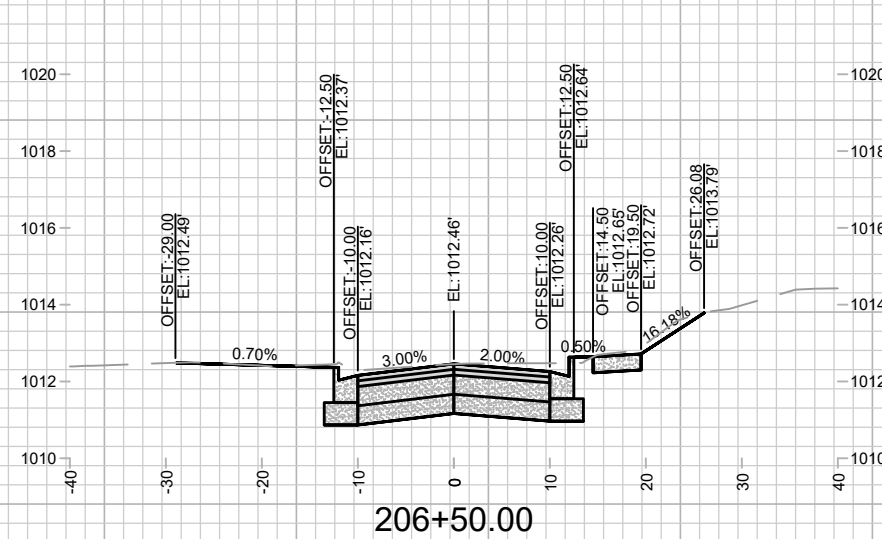
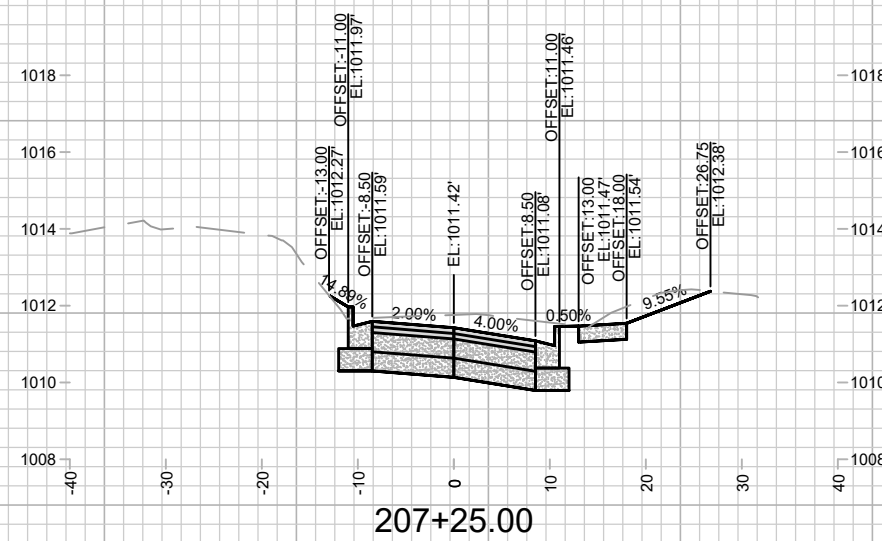
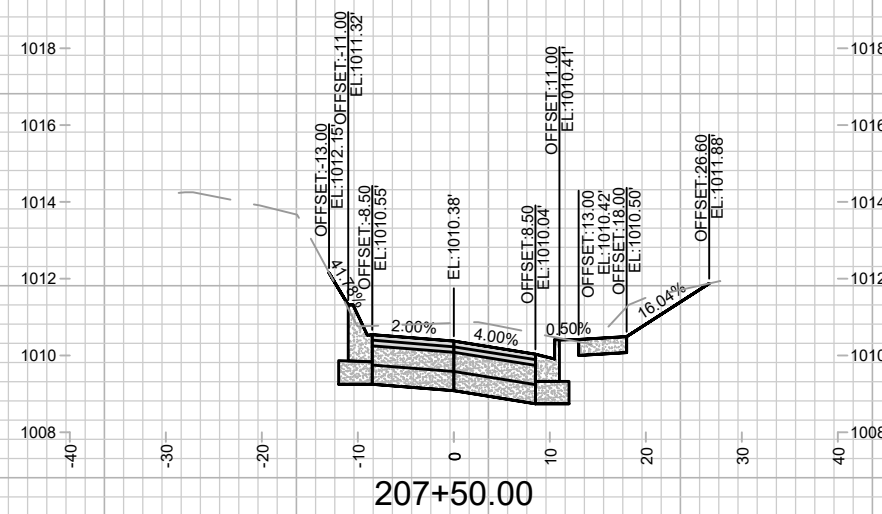
REVISION

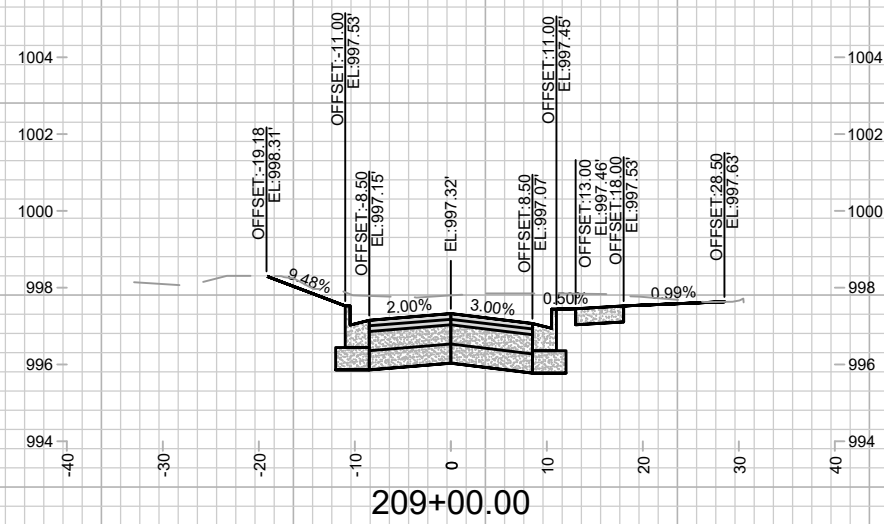
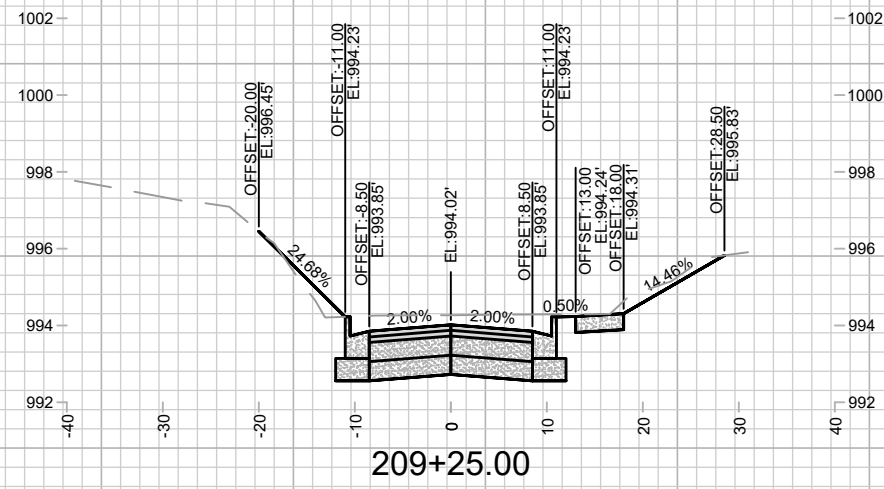
MARK

BY

Scale: 1" = 20'

X-14





14079

X-16

CROSS SECTIONS - DANBURY STREET

14079

DONCASTER BEVERLY DANBURY RECONSTRUCTION

MADISON, WI

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CONTRACT NO:

MARK	REVISION	DATE	BY
000-0	000-0	000-0	000-0
000-0	000-0	000-0	000-0
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Designed By: MFG Date: 5/9/2024 3:07 PM Scale: 1"= 20'

14079 X-16