



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

DONCASTER BEVERLY DANBURY RECONSTRUCTION

ASSESSMENT DISTRICT - 2024

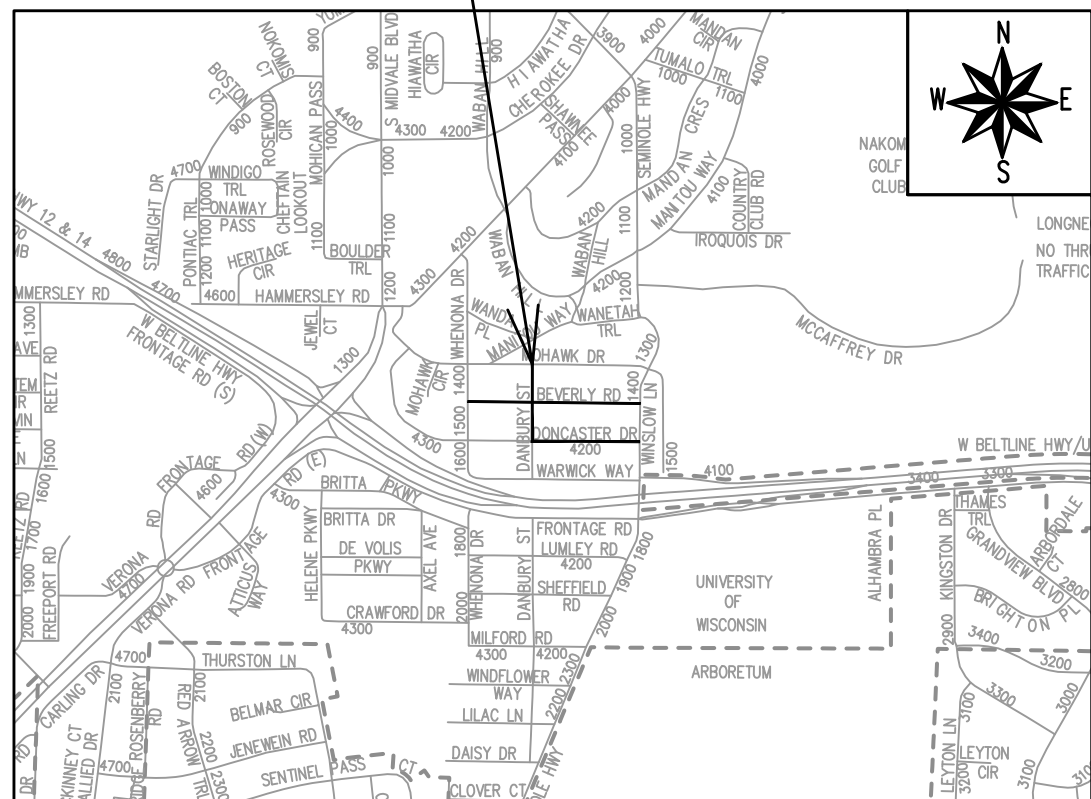
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PROJECT LOCATION

CITY PROJECT NO. 14079
CONTRACT NO. 8709

ADDENDUM #1- 5/17/2024
REVISED THE FOLLOWING:
TITLE SHEET
SHEETS G12-G15
SHEETS PD1-PD2, PD5-PD6
SHEETS P1-P2, P5-P6
SHEET U2-U6
REMOVED THE FOLLOWING:
SHEETS G12 AND G16



EARTHWORK SUMMARY:

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

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

PUBLIC IMPROVEMENT PROJECT APPROVED

MAY 7, 2024

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

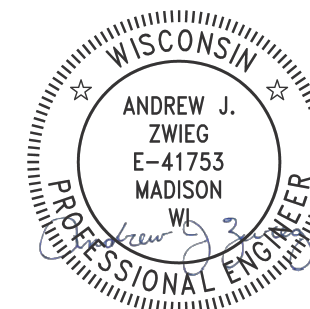
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

May 10, 2024

City Engineer

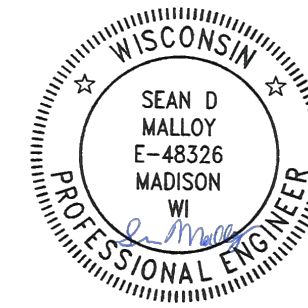
Date

STREET DESIGNED BY:



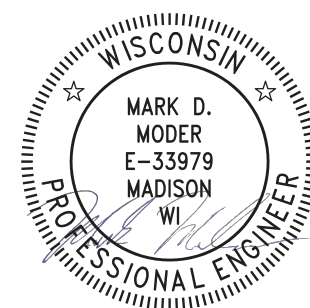
May 10, 2024

PAVEMENT MARKINGS DESIGNED BY:



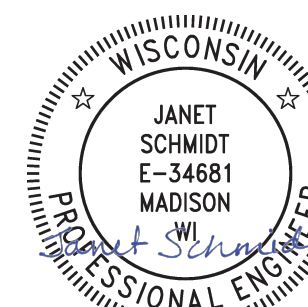
May 10, 2024

SANITARY SEWER DESIGNED BY:



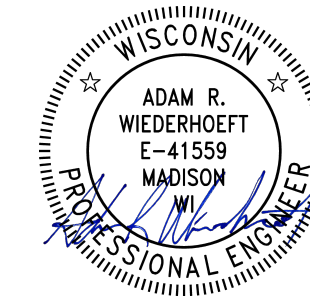
May 10, 2024

STORM SEWER DESIGNED BY:



May 13, 2024

WATER DESIGNED BY:



May 10, 2024

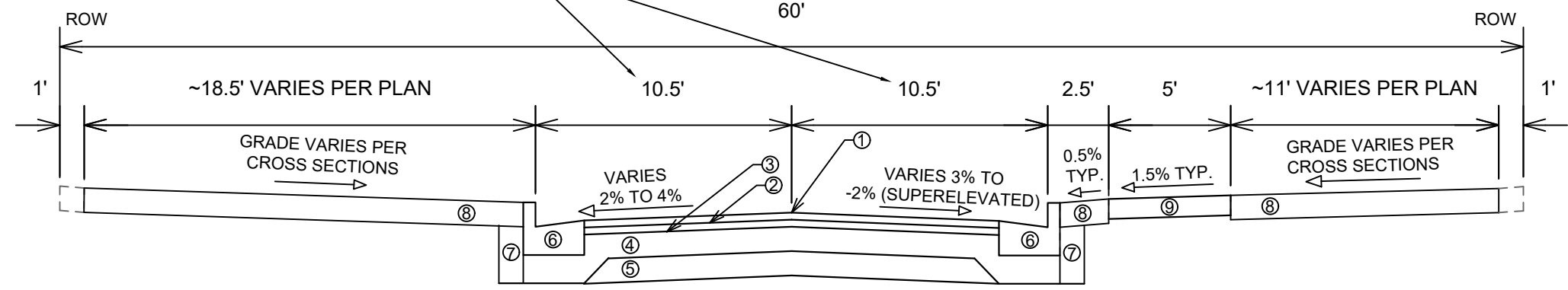
PLOT SCALE: 1 IN. = 1 FT. XREF

REV. DATE: 5/10/2024 3:04 PM

ORIGINATOR: CITY_OF_MADISON

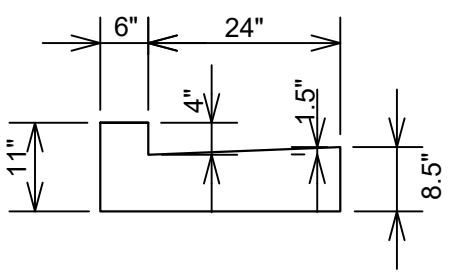


VALUES ARE 12' FOR DANBURY STREET FROM STA 204+45.91 TO STA 206+58.16 WHERE STREET IS 24' WIDE

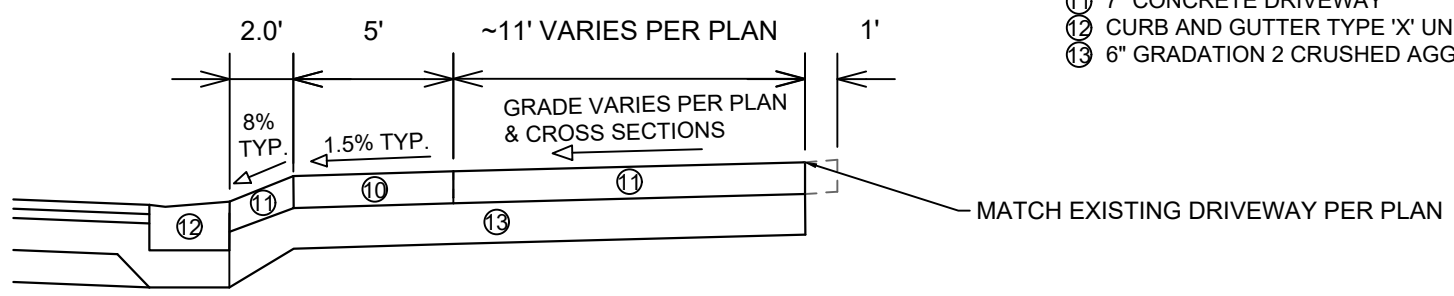


**TYPICAL SECTION
DONCASTER DRIVE
BEVERLY ROAD
DANBURY STREET**

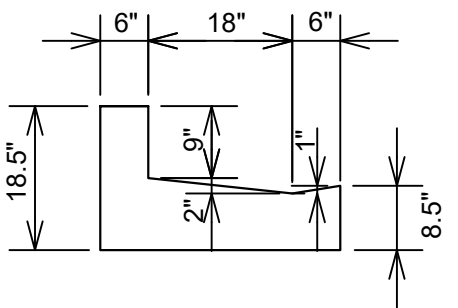
- ① POINT REFERRED TO ON PROFILE
- ② 1.75" HMA PAVEMENT, TYPE 4 LT 58-28 S (UPPER LAYER)
- ③ 1.75" HMA PAVEMENT, TYPE 4 LT 58-28 S (LOWER LAYER)
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE (UPPER LAYER)
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE (LOWER LAYER)
- ⑥ CONCRETE CURB AND GUTTER TYPE '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**



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

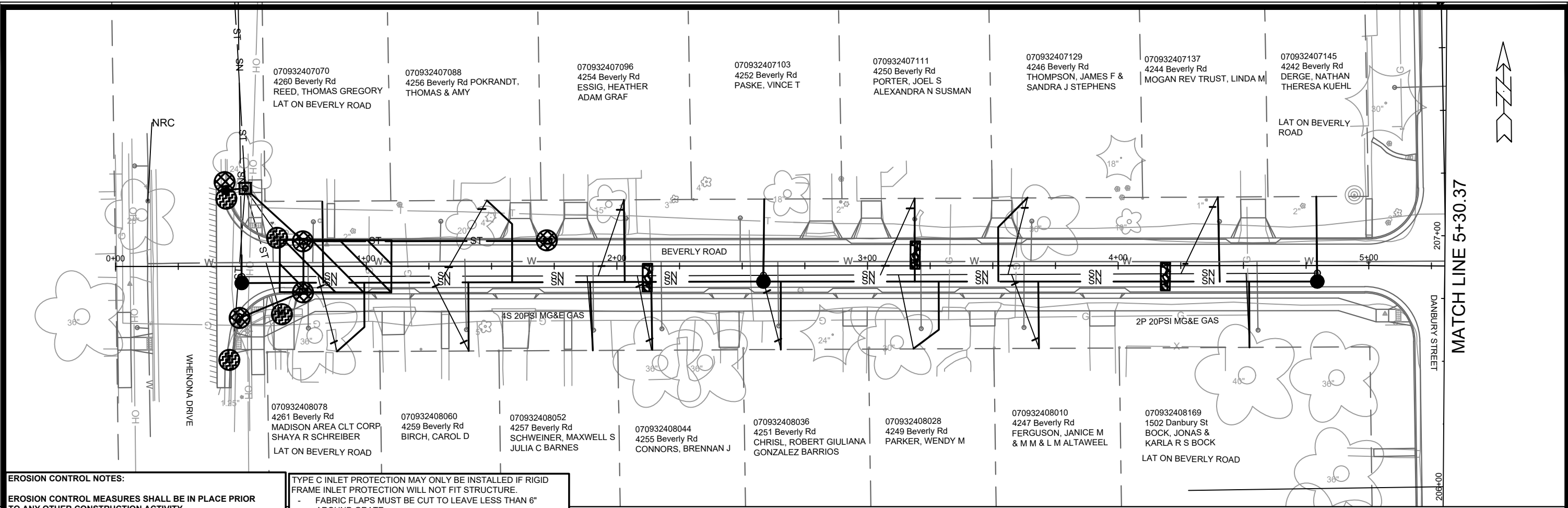


**MODIFIED 9" TYPE 'X' CURB AND
GUTTER
DANBURY STREET**

DATE	BY
REVISION	
Designed By: MFG	Date: 5/9/2024 2:58 PM
Scale: 1:6	
14079	D-1

14079
MADISON, WI
8709
CONTRACT NO:
TYPICAL SECTIONS, NOTES, AND DETAILS
DONCASTER BEVERLY DANBURY RECONSTRUCTION
M:\DESIGN\Projects\14079\CAD\Streets\14079EN-Details.dwg





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.

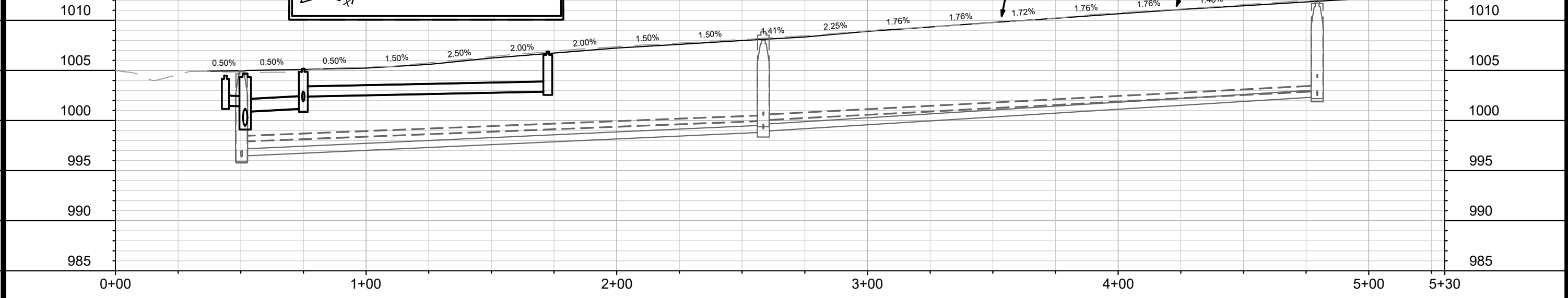
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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)



MATCH LINE 5+30.37

14079	14079	14079	14079	14079	14079	14079	14079	14079	14079
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
BY	BY	BY	BY	BY	BY	BY	BY	BY	BY
REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION
Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'	Scale: 1" = 40'
Designed By: 14079	Designed By: 14079	Designed By: 14079	Designed By: 14079	Designed By: 14079	Designed By: 14079	Designed By: 14079	Designed By: 14079	Designed By: 14079	Designed By: 14079
Contract No: 8709	Contract No: 8709	Contract No: 8709	Contract No: 8709	Contract No: 8709	Contract No: 8709	Contract No: 8709	Contract No: 8709	Contract No: 8709	Contract No: 8709
<p>14079 MADISON, WI 8709 CONTRACT NO: 8709</p> <p>BEVERLY ROAD - EROSION CONTROL</p> <p>DONCASTER BEVERLY DANBURY RECONSTRUCTION</p> <p>M:\DESIGN\Projects\14079\CAD\Severs\14079SWR-Erosion Control.dwg</p>									
<p>14079 EC-1</p>									

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



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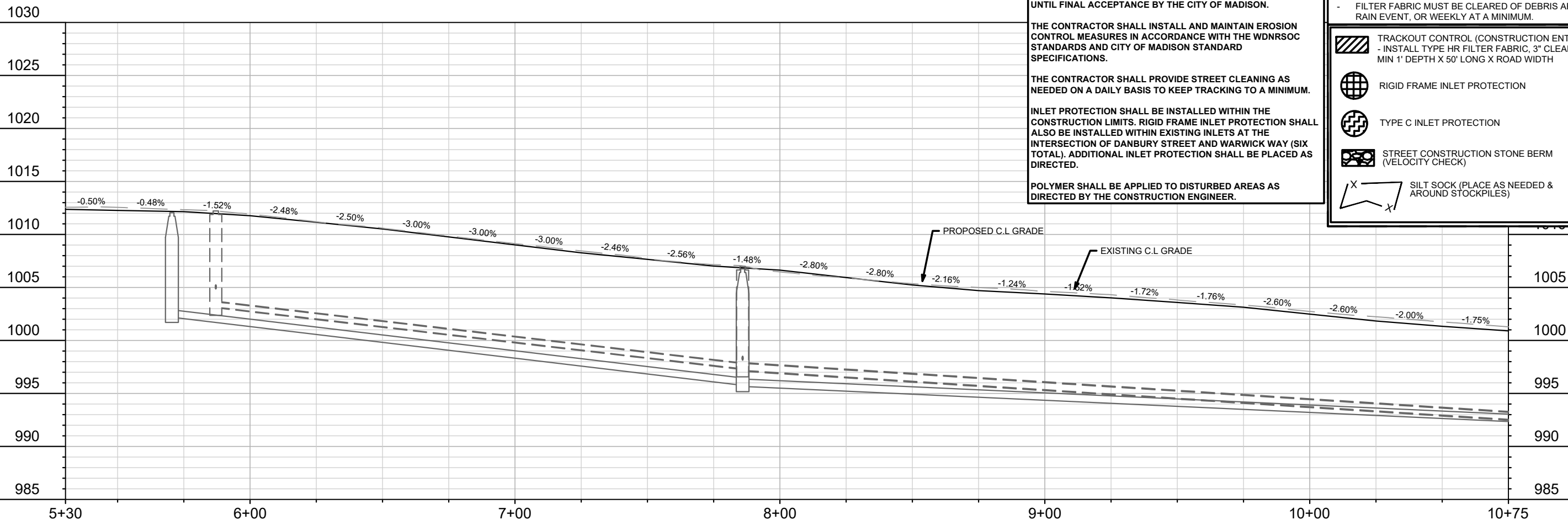
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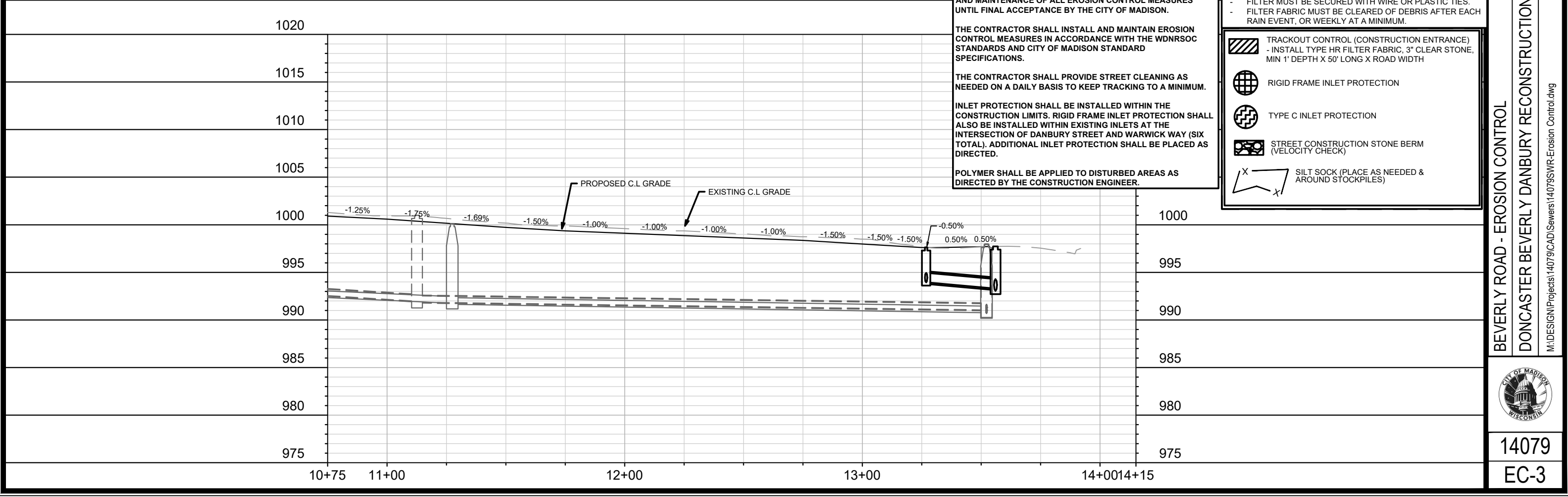
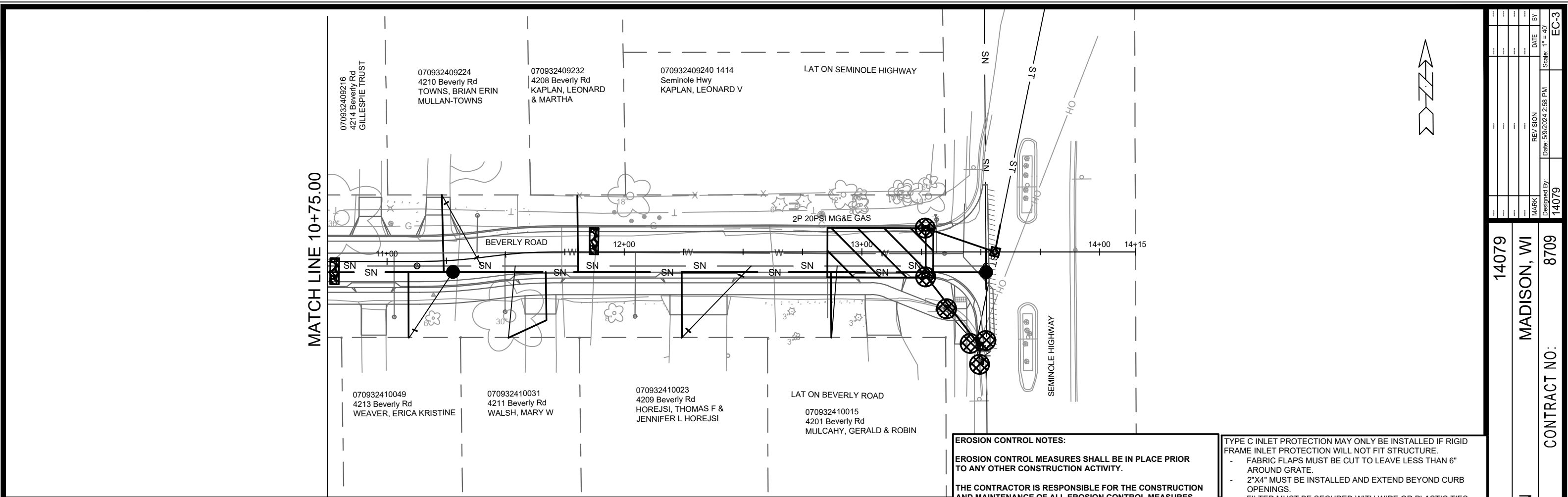
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	TRACKOUT CONTROL (CONSTRUCTION ENTRANCE) - INSTALL TYPE HR FILTER FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION
	STREET CONSTRUCTION STONE BERM (VELOCITY CHECK)
	SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



14079	MADISON, WI	8709	14079	EC-2
BEVERLY ROAD - EROSION CONTROL		CONTRACT NO. 8709		
DONCASTER BEVERLY DANBURY RECONSTRUCTION		M:\DESIGN\Projects\14079\CAD\Severs\14079SWR-Erosion Control.dwg		
		14079		
		EC-2		



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- 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)

DATE	BY
REVISION	
Date: 5/9/2024 2:58 PM	Scale: 1" = 40'
14079	EC-3

14079

MADISON, WI

8709

CONTRACT NO:

BEVERLY ROAD - EROSION CONTROL

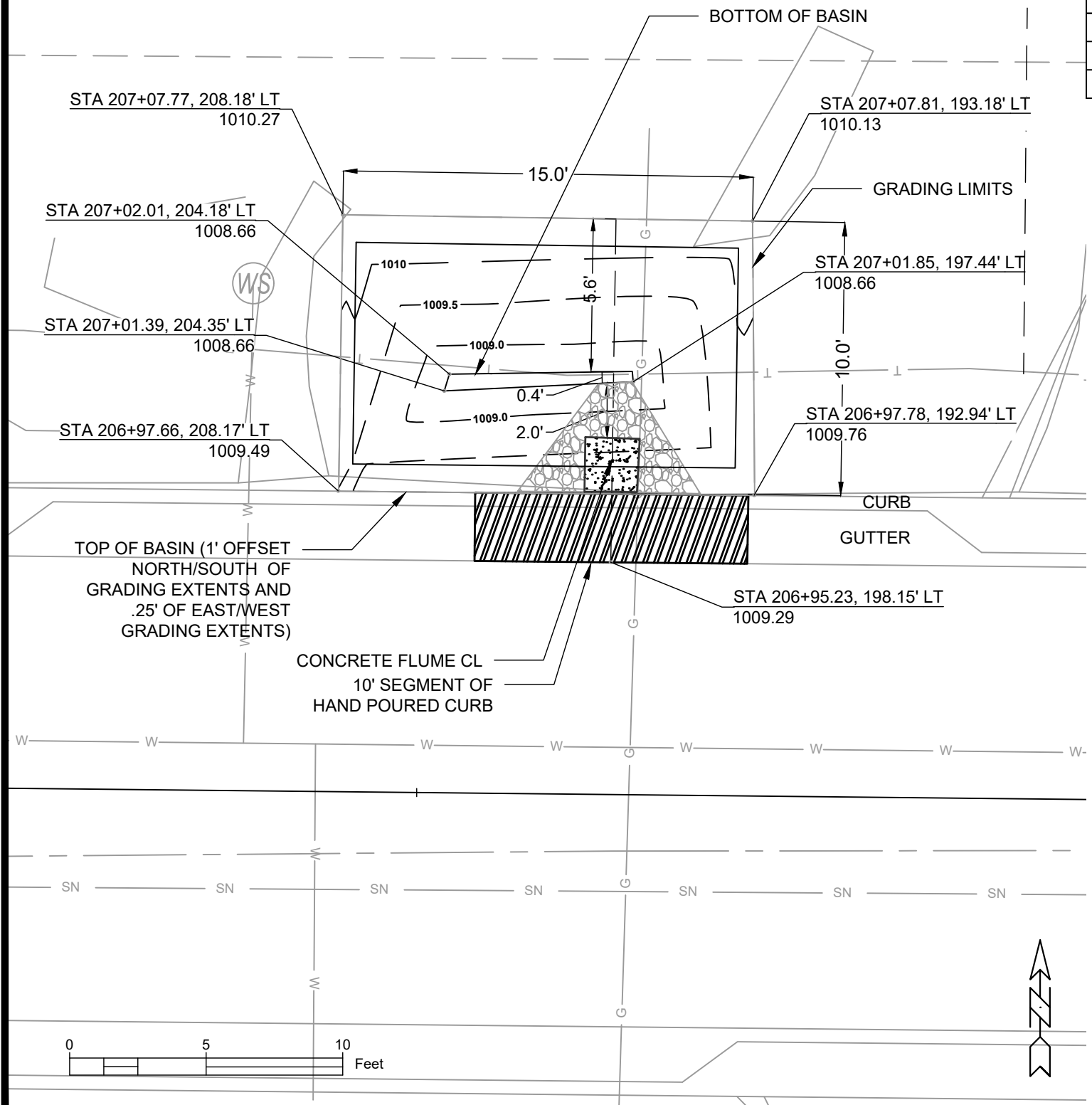
DONCASTER BEVERLY DANBURY RECONSTRUCTION

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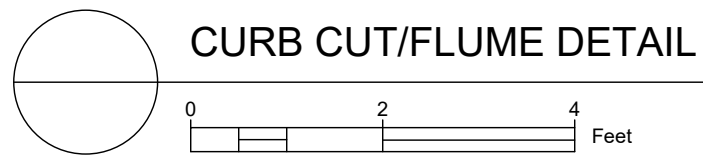
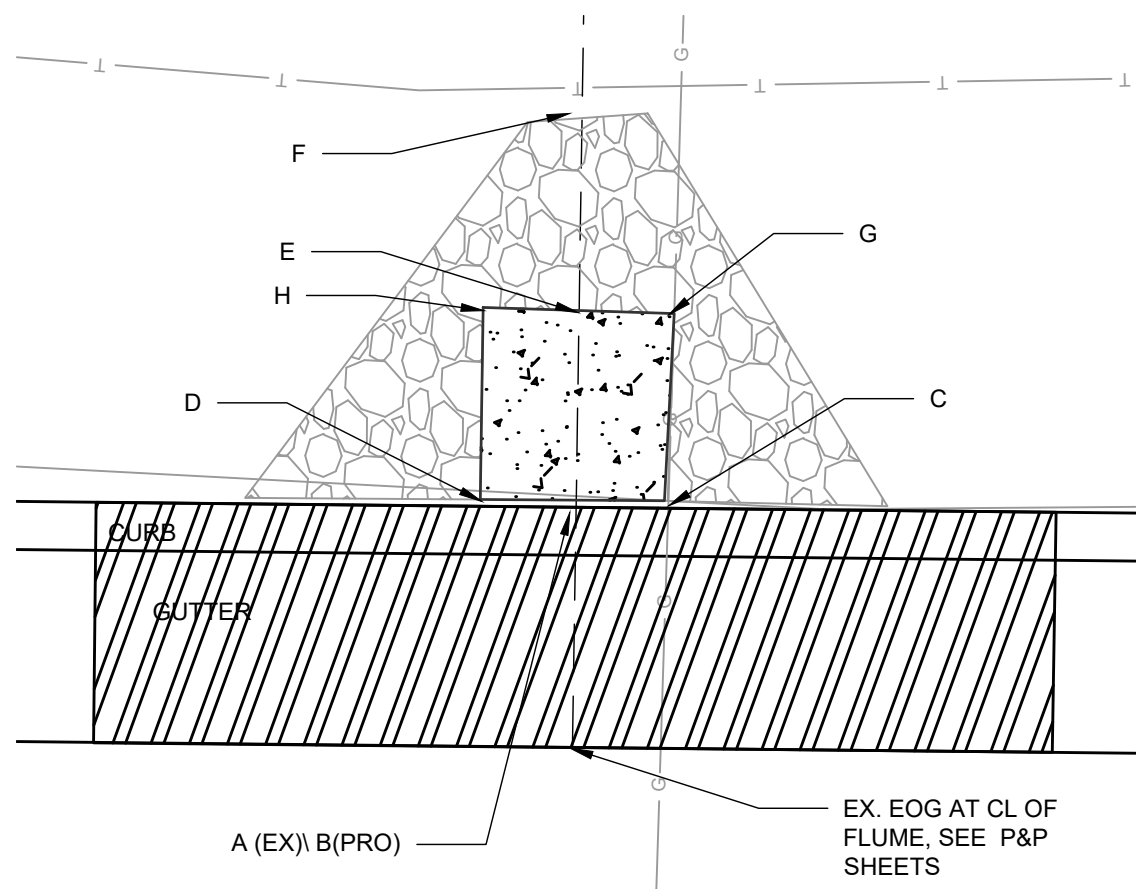
14079

EC-3

070932407111
 4250 Beverly Rd
 Porter Joel S
 Alexandra N Susman



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

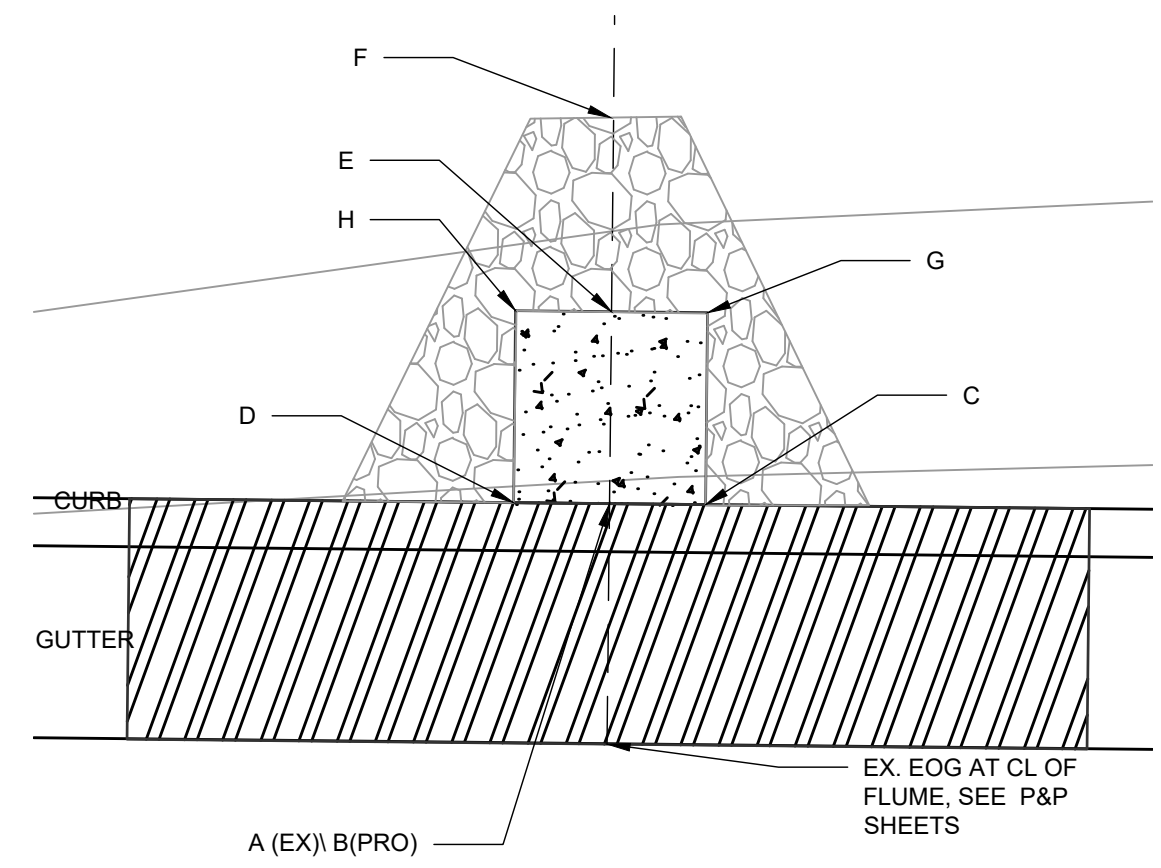
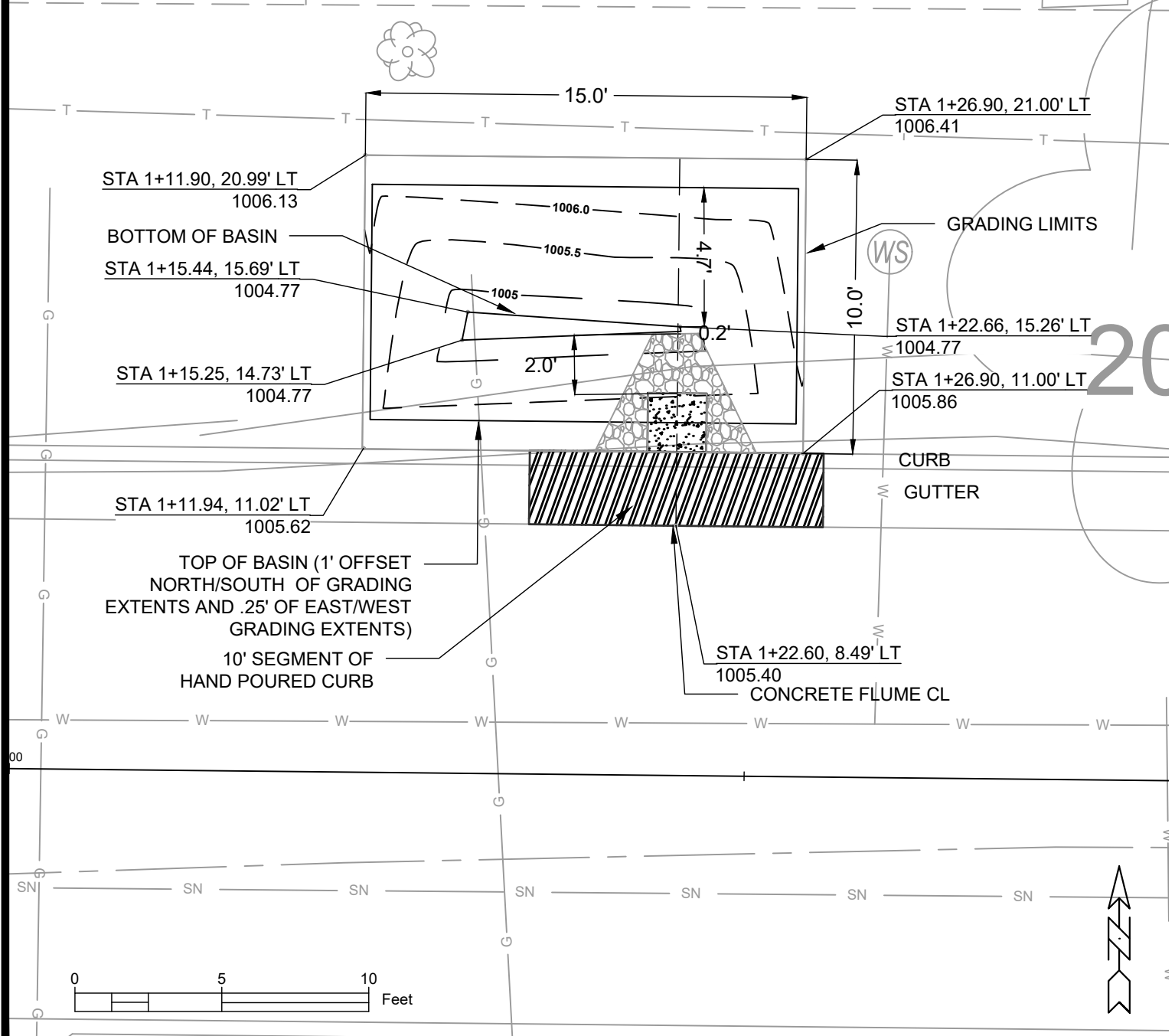


- NOTES:
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM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

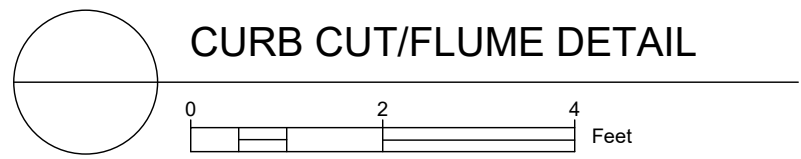
14079
 MADISON, WI
 8709
 CONTRACT NO:
 GREEN INFRASTRUCTURE 4250 BEVERLY
 DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION
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 CITY OF MADISON WISCONSIN
 8709
 GI-1

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



ADDENDUM NOTE:
 RENUMBERED SHEET
 FROM GI-3 TO GI-2

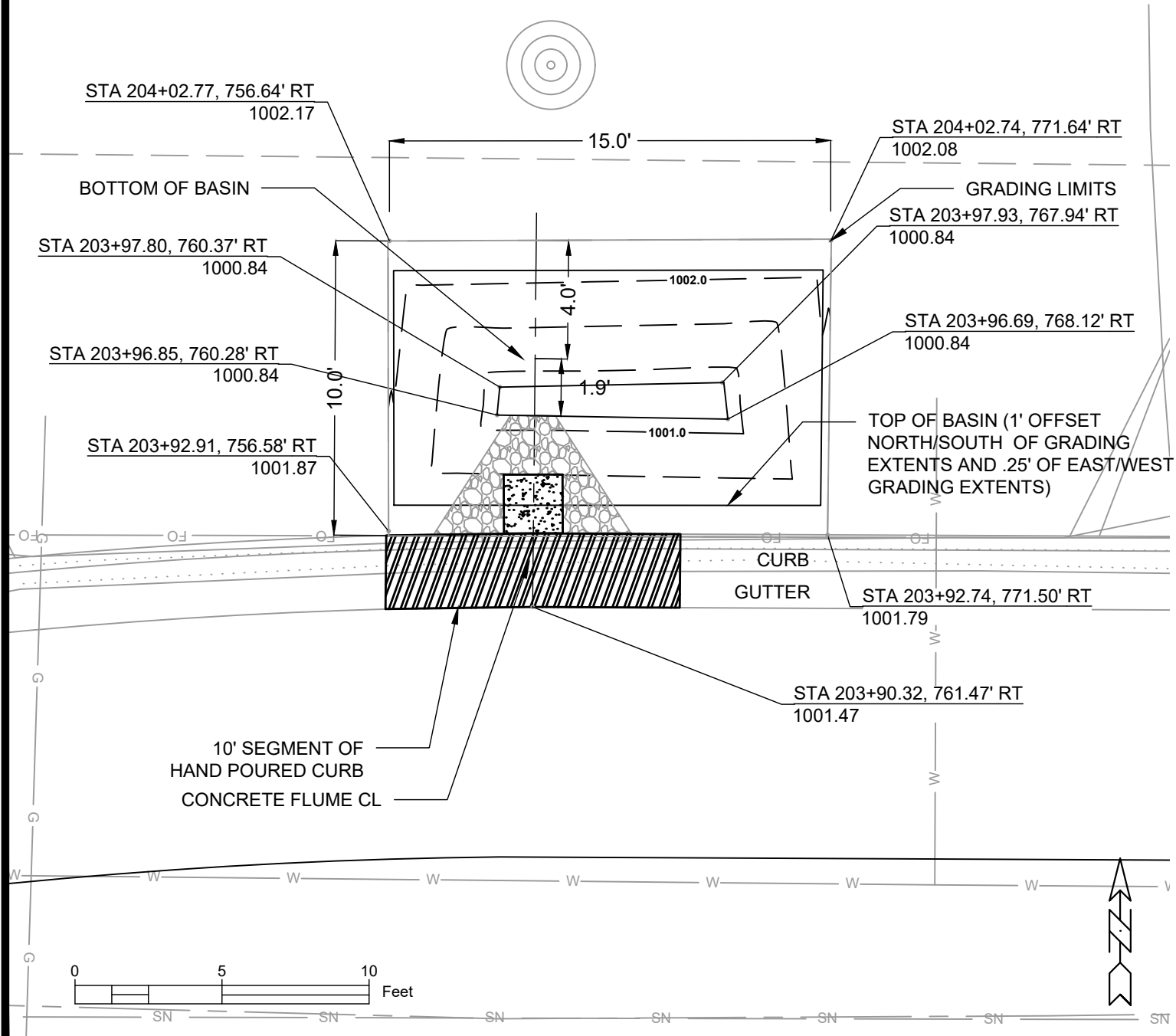


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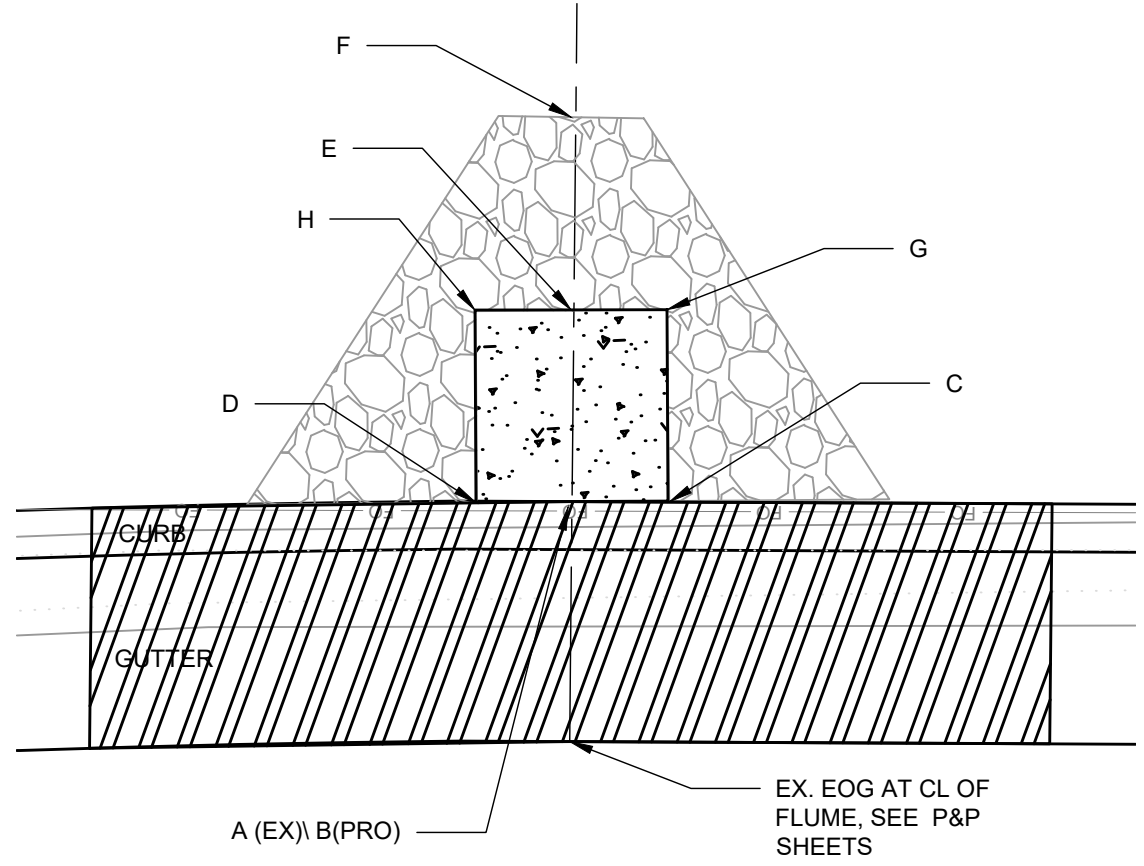
14079
 MADISON, WI
 8709
 CONTRACT NO.:
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 DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION
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 REVISION
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 DATE
 BY
 GI 3

8709
 GI-2

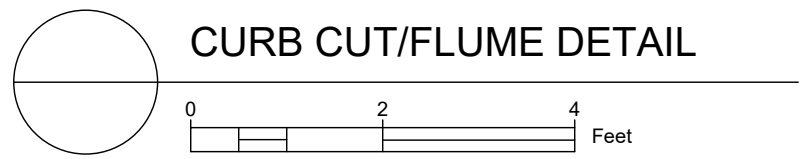
070932410297
 4202 Doncaster Dr
 Klingenberg, Benjamin
 Kyle J Wildman



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



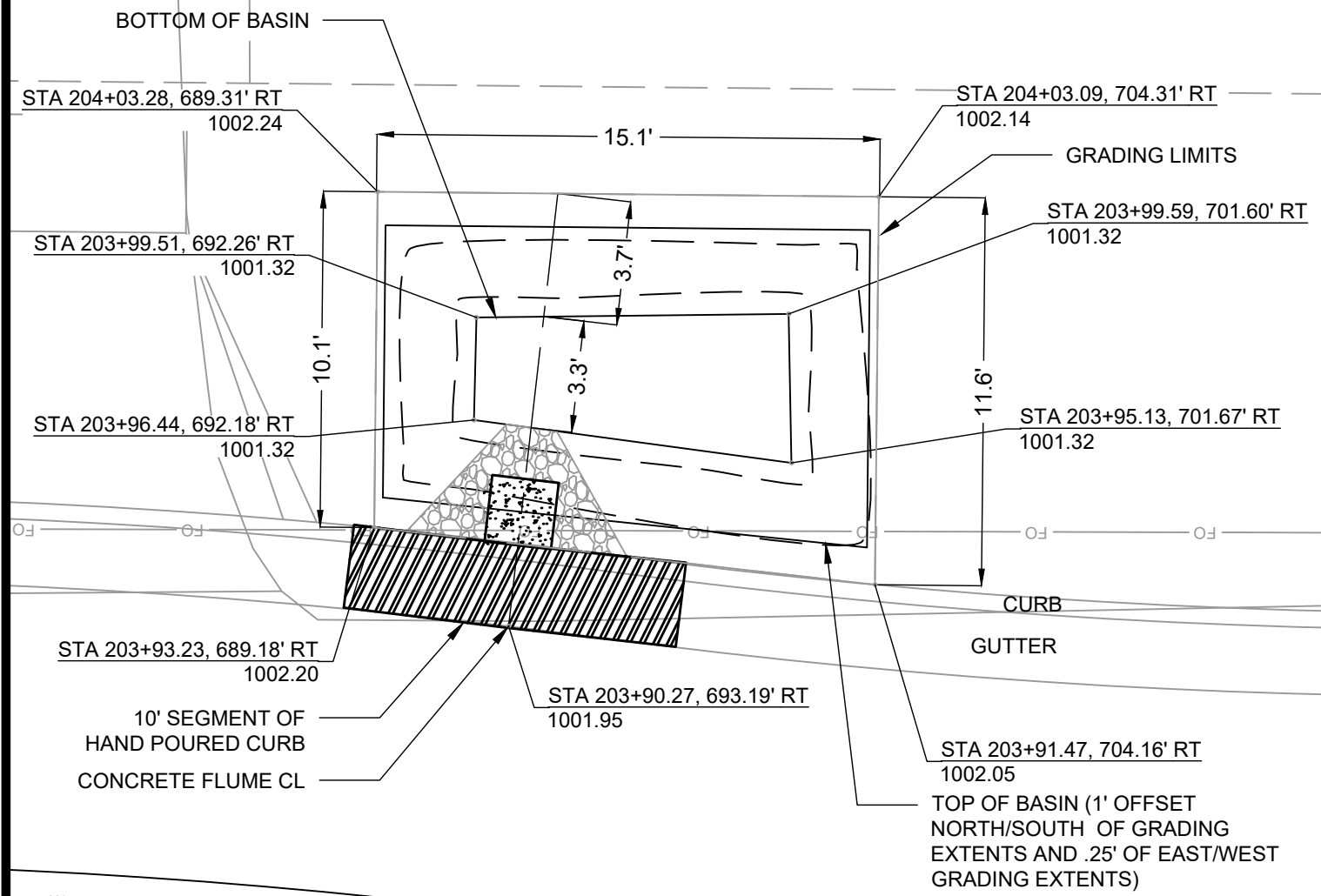
ADDENDUM NOTE:
 RENUMBERED SHEET
 FROM GI-4 TO GI-3



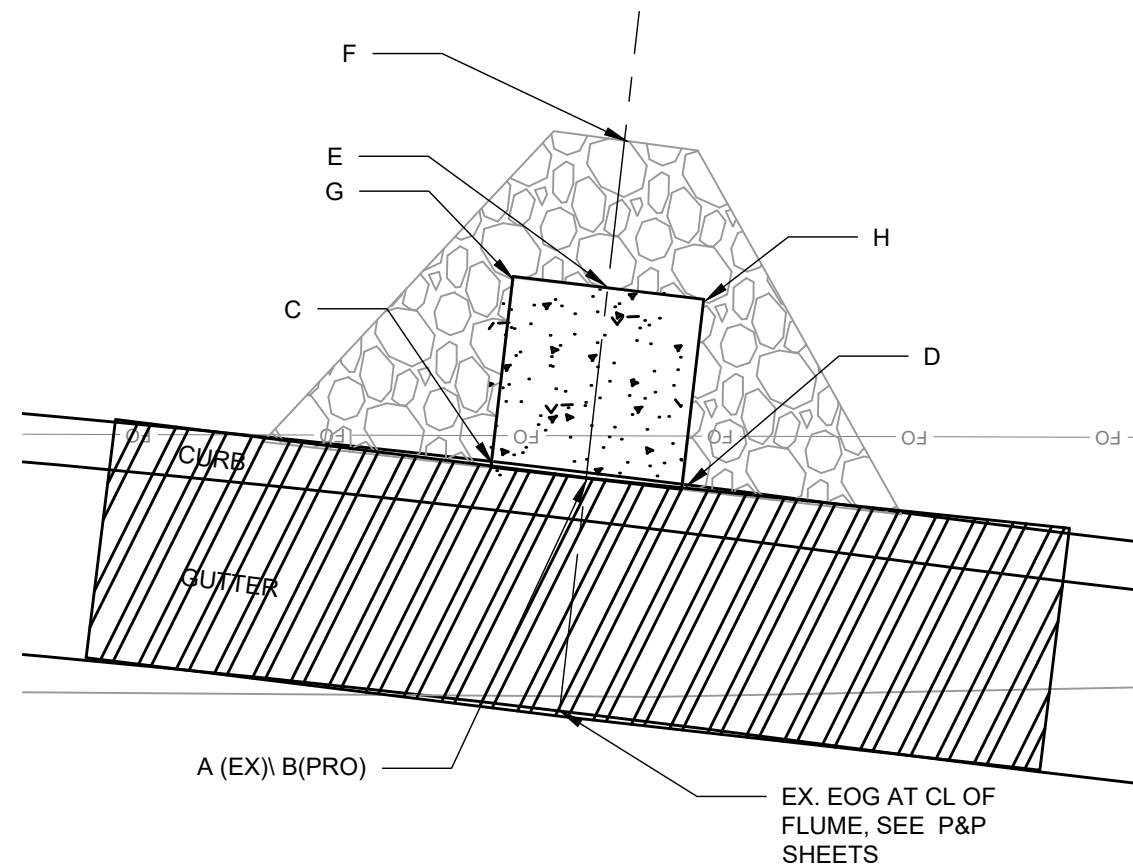
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14079
 MADISON, WI
 8709
 CONTRACT NO: 14079
 GREEN INFRASTRUCTURE 4202 BEVERLY
 DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION
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 CITY OF MADISON WISCONSIN
 8709
 GI-3

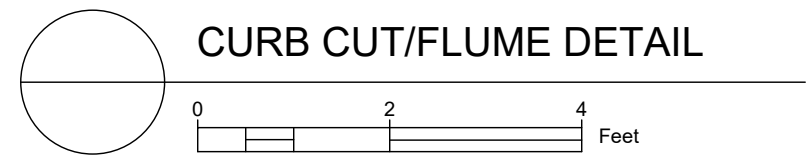
070932410286
 4206 Doncaster Dr
 Buelow, Carol R.



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



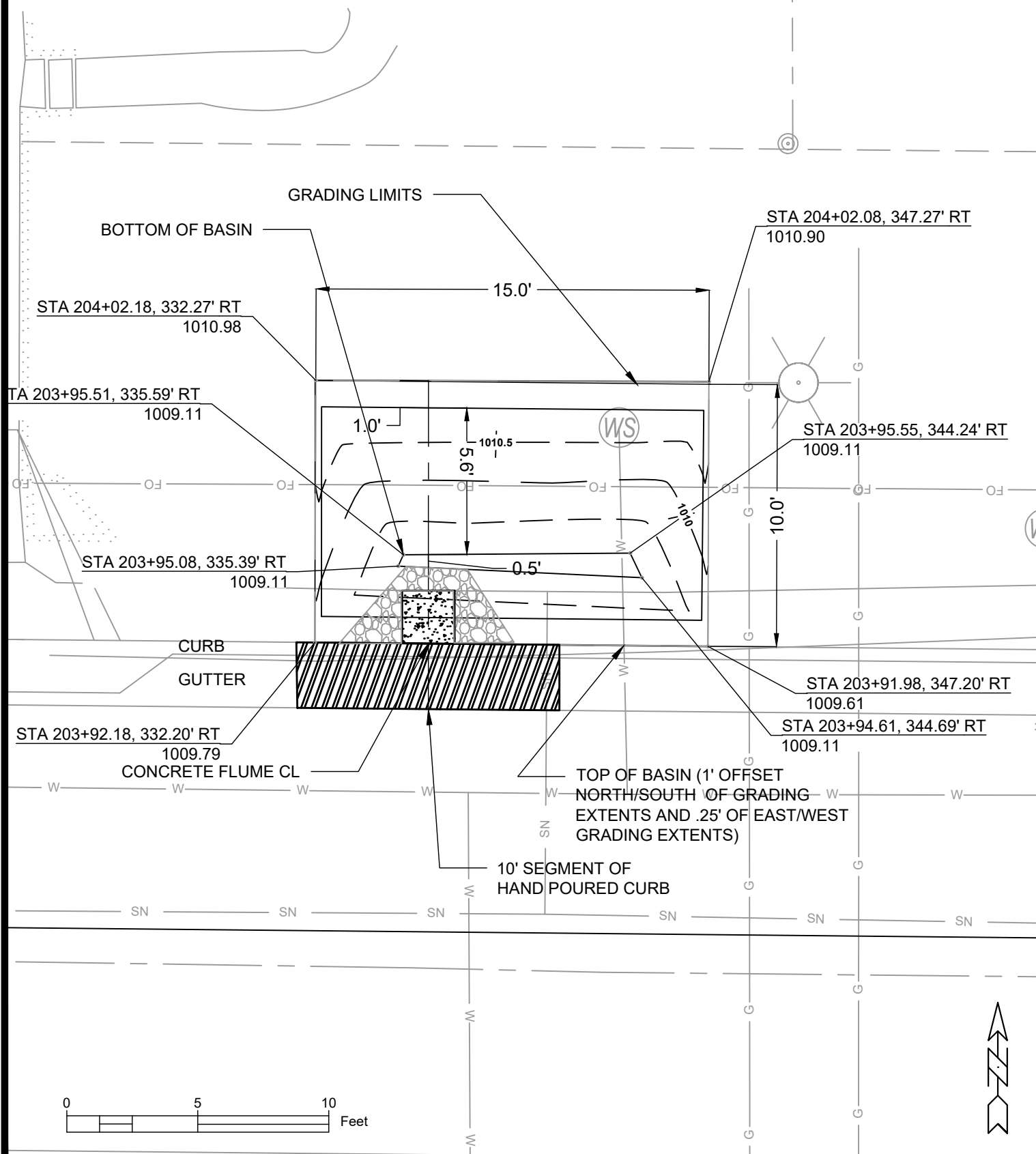
ADDENDUM NOTE:
 RENUMBERED SHEET
 FROM GI-5 TO GI-4



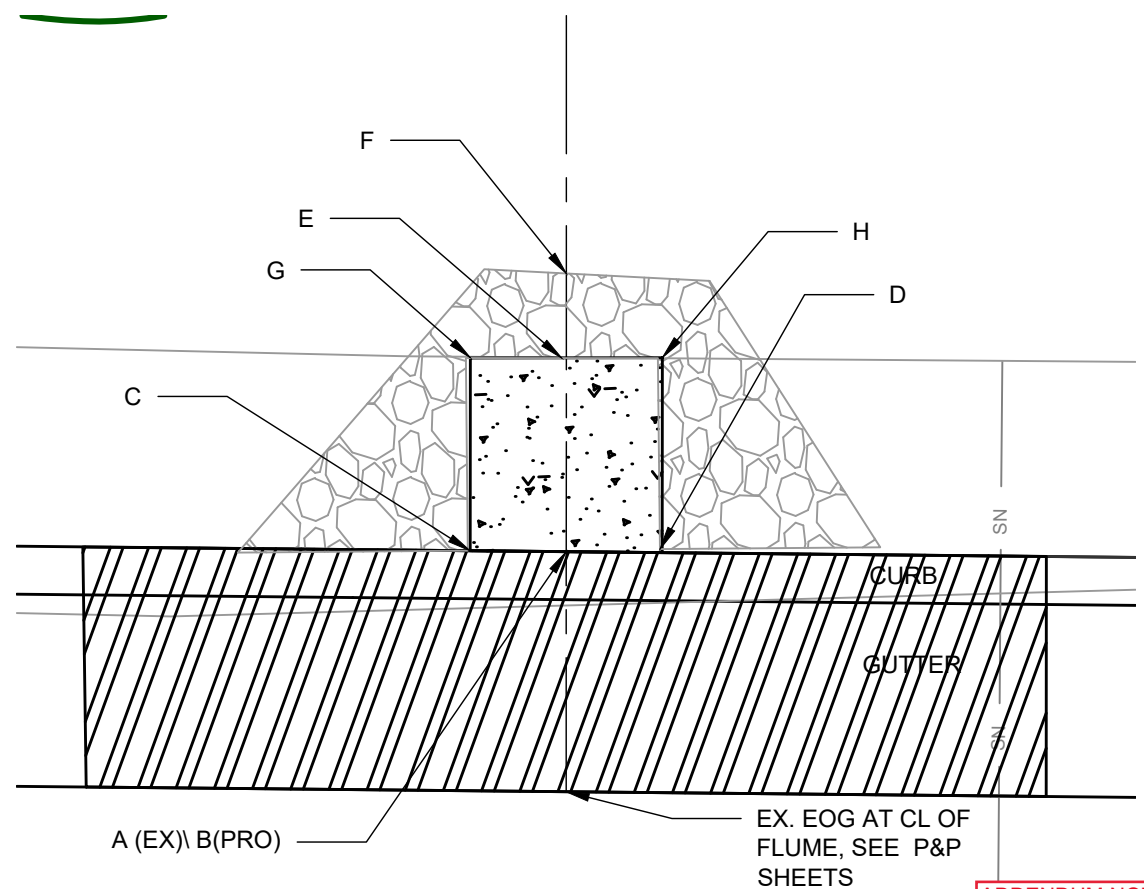
- NOTES:
- ALL AREAS WITHIN GRADING LIMITS TO RECEIVE CLASS I, TYPE A - ORGANIC EROSION CONTROL MATTING IF COMPLETED OUTSIDE OF GROWING SEASONS, SEE SPECIAL PROVISIONS.
 - ALL AREAS OUTSIDE OF TOP OF BASIN SHALL RECEIVE TERRACE SEED MIX. DO NOT SEED WITH TERRACE SEED MIX WITHIN SIDE SLOPES OR BOTTOM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

14079
 MADISON, WI
 CONTRACT NO: 8709
 GREEN INFRASTRUCTURE 4206 DONCASTER
 DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION
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 REVISION
 MARK
 Desiged By: SCL
 14079
 GI 5
 CITY OF MADISON WISCONSIN
 8709
 GI-4

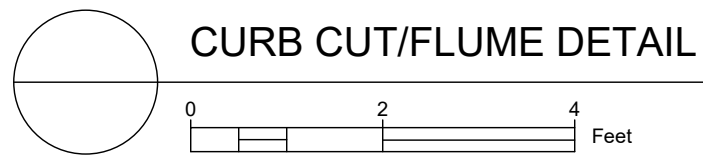
070932410213
 4226 Doncaster Dr
 Williams, Jacqueline



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

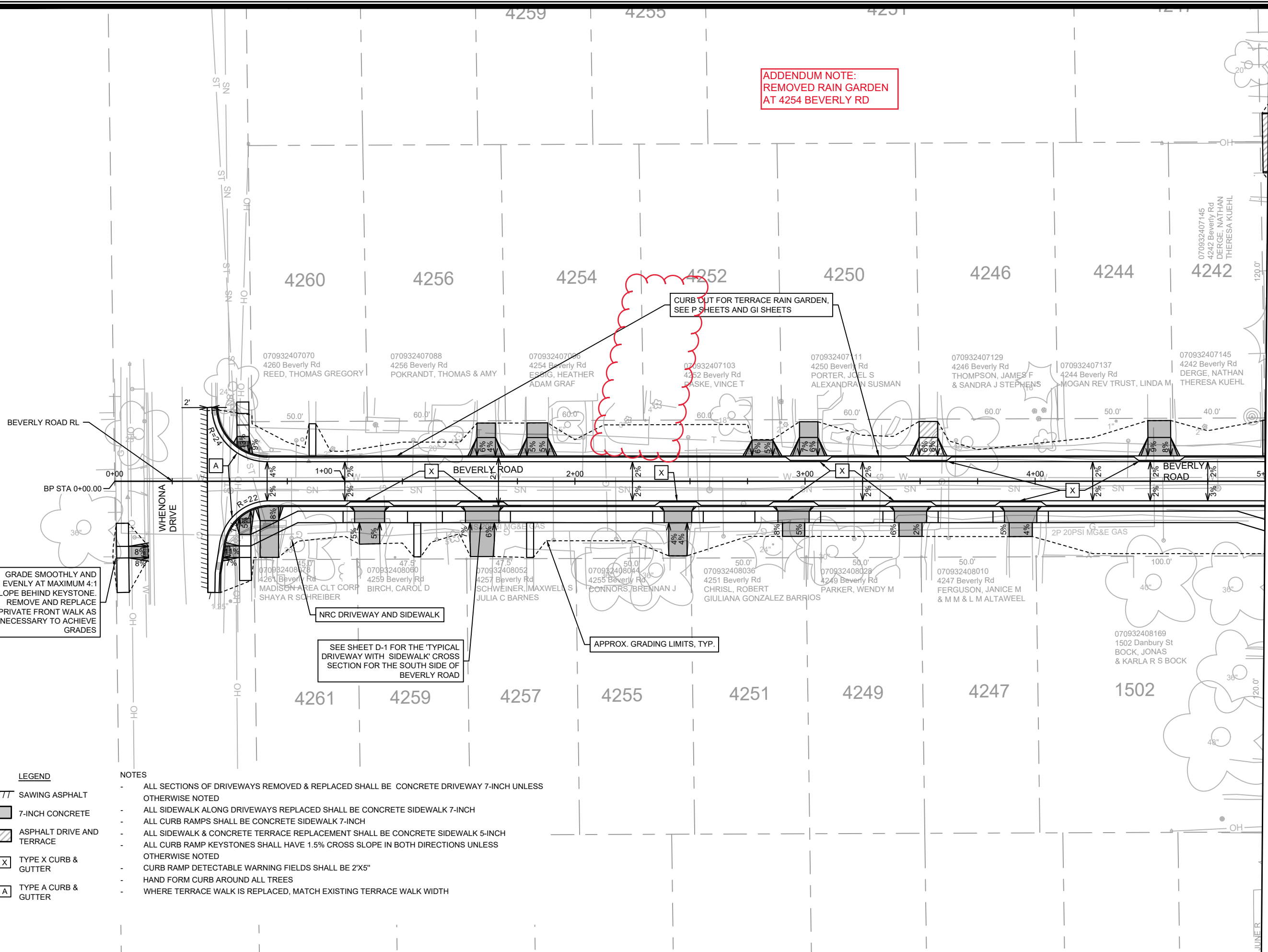


ADDENDUM NOTE:
 RENUMBERED SHEET
 FROM GI-7 TO GI-5



- 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.

GREEN INFRASTRUCTURE 4226 DONCASTER
 DONCASTER DR, BEVERLY, DANBURY ST RECONSTRUCTION
 MADISON, WI
 CONTRACT NO: 8709
 14079
 8709
 GI-5
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 REVISION
 MARK
 DATE BY
 GI 7



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

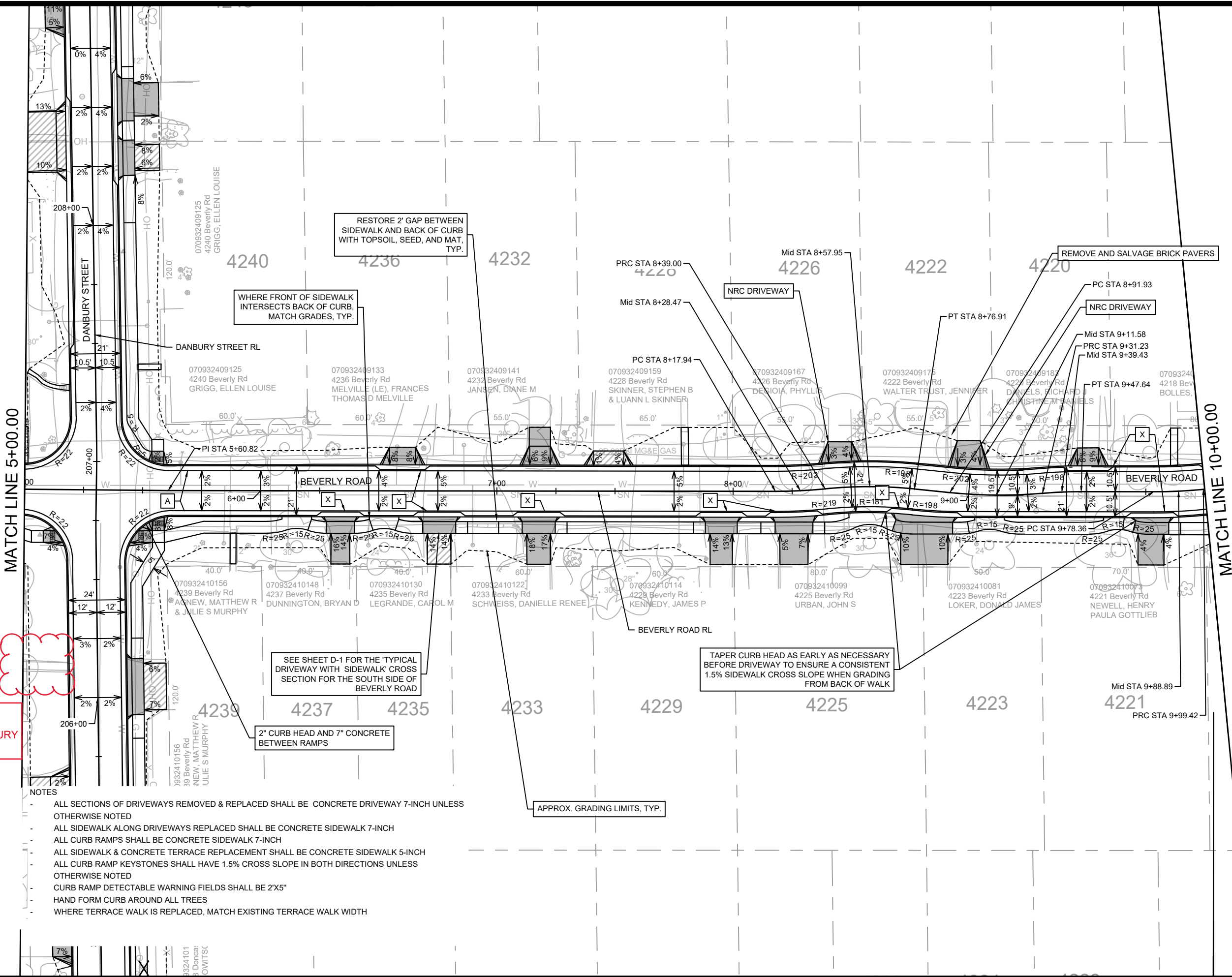
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14079
MADISON, WI
8709

CONTRACT NO.:
14079
PLAN DETAILS BEVERLY ROAD
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
PD-1



ADDENDUM NOTE:
REMOVED TERRACE
WALK AT 1502 DANBURY
ST

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

3324101
8 Donca
OWITSC



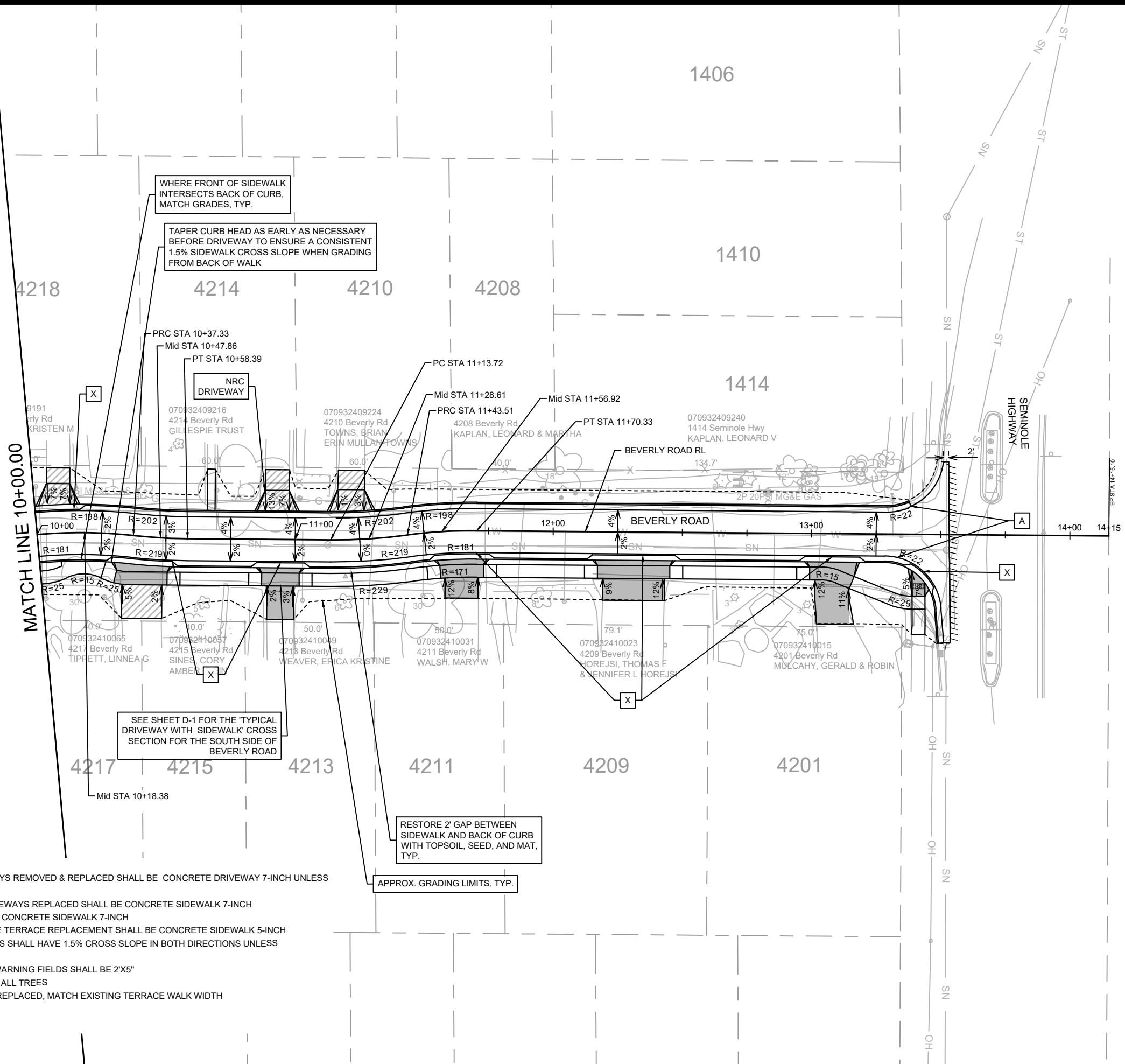
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Contract No: 8709			PD-2

14079
MADISON, WI
CONTRACT NO: 8709

PLAN DETAILS BEVERLY ROAD
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
PD-2



WHERE FRONT OF SIDEWALK INTERSECTS BACK OF CURB, MATCH GRADES, TYP.

TAPER CURB HEAD AS EARLY AS NECESSARY BEFORE DRIVEWAY TO ENSURE A CONSISTENT 1.5% SIDEWALK CROSS SLOPE WHEN GRADING FROM BACK OF WALK

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

RESTORE 2' GAP BETWEEN SIDEWALK AND BACK OF CURB WITH TOPSOIL, SEED, AND MAT, TYP.

APPROX. GRADING LIMITS, TYP.

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



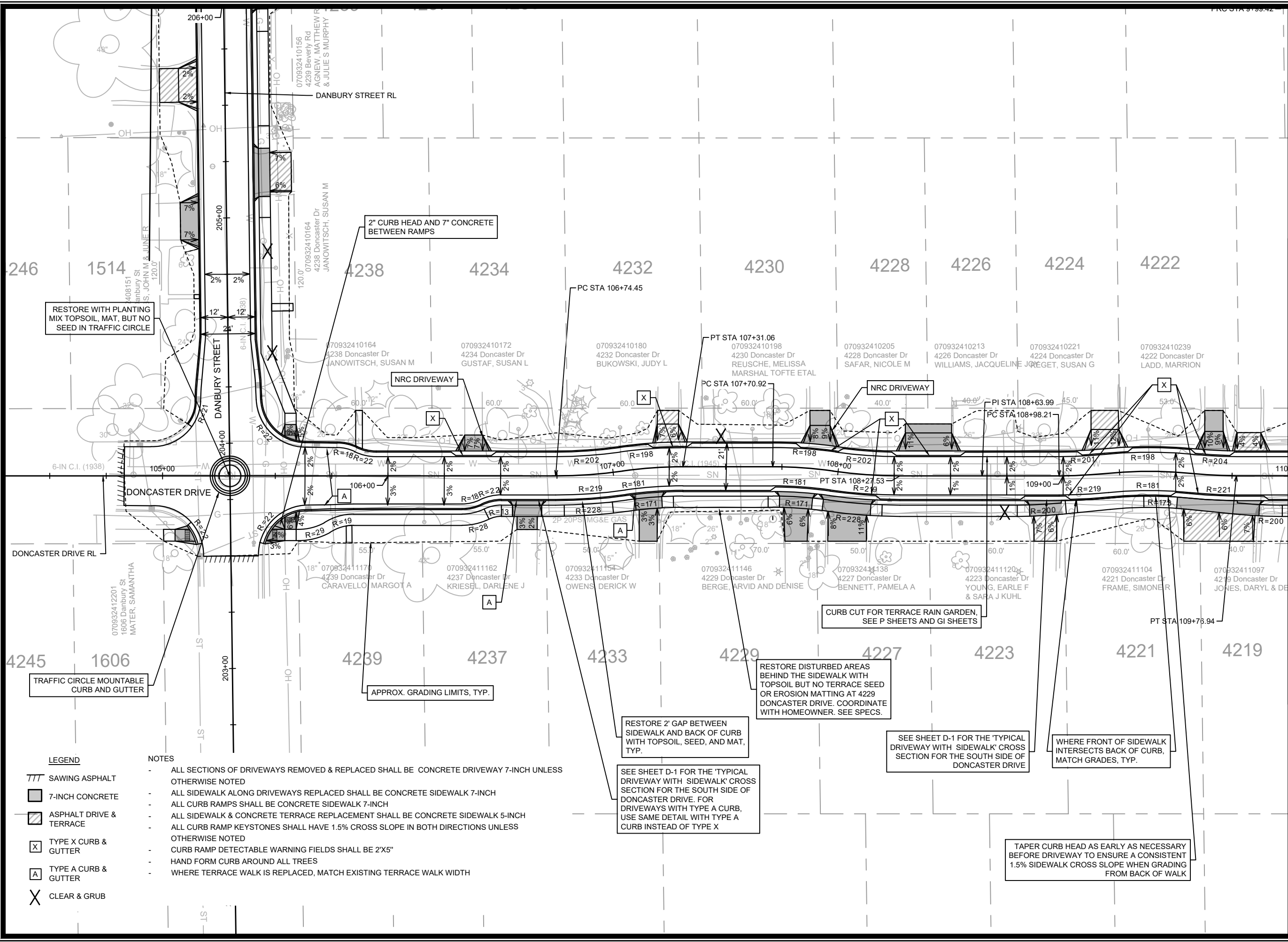
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REVISION	
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14079	PD-3

14079
MADISON, WI
8709
CONTRACT NO.:

PLAN DETAILS BEVERLY ROAD
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
PD-3



MATCH LINE 110+00.00



LEGEND

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

SEE SHEET D-1 FOR THE 'TYPICAL DRIVEWAY WITH SIDEWALK' CROSS SECTION FOR THE SOUTH SIDE OF DONCASTER DRIVE. FOR DRIVEWAYS WITH TYPE A CURB, USE SAME DETAIL WITH TYPE A CURB INSTEAD OF TYPE X

RESTORE DISTURBED AREAS BEHIND THE SIDEWALK WITH TOPSOIL BUT NO TERRACE SEED OR EROSION MATTING AT 4229 DONCASTER DRIVE. COORDINATE WITH HOMEOWNER. SEE SPECS.

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

WHERE FRONT OF SIDEWALK INTERSECTS BACK OF CURB, MATCH GRADES, TYP.

TAPER CURB HEAD AS EARLY AS NECESSARY BEFORE DRIVEWAY TO ENSURE A CONSISTENT 1.5% SIDEWALK CROSS SLOPE WHEN GRADING FROM BACK OF WALK

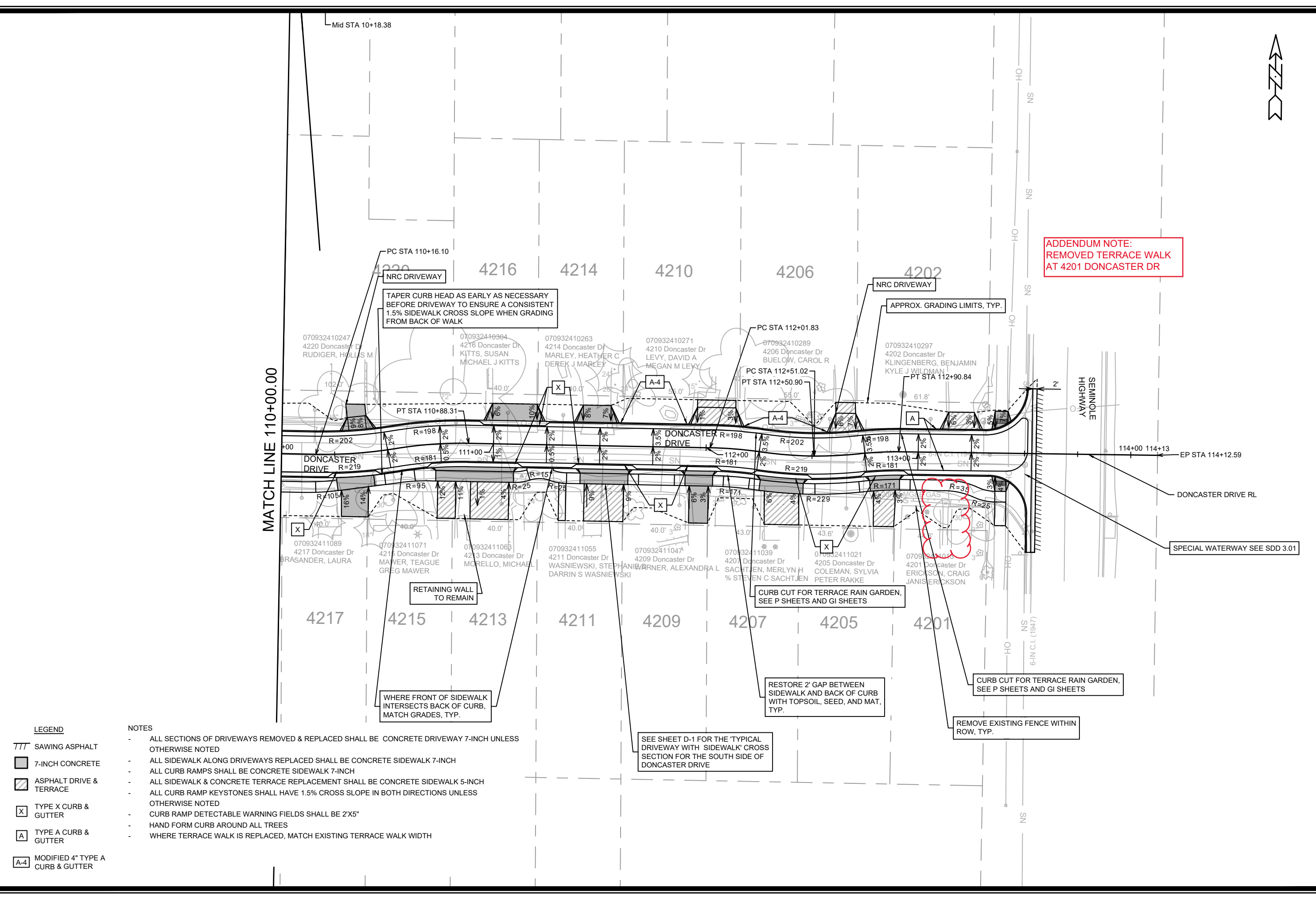
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PROJECT NO: 14079	PD-4

14079
MADISON, WI
CONTRACT NO: 8709

PLAN DETAILS DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
PD-4



**ADDENDUM NOTE:
REMOVED TERRACE WALK
AT 4201 DONCASTER DR**

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

REMOVE EXISTING FENCE WITHIN ROW, TYP.

RESTORE 2' GAP BETWEEN SIDEWALK AND BACK OF CURB WITH TOPSOIL, SEED, AND MAT, TYP.

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

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

RETAINING WALL TO REMAIN

WHERE FRONT OF SIDEWALK INTERSECTS BACK OF CURB, MATCH GRADES, TYP.

SPECIAL WATERWAY SEE SDD 3.01

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14079	DESIGNED BY: MFG	DATE: 5/17/2024 10:37 AM	SCALE: 1" = 40'

14079
MADISON, WI
8709
CONTRACT NO:

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

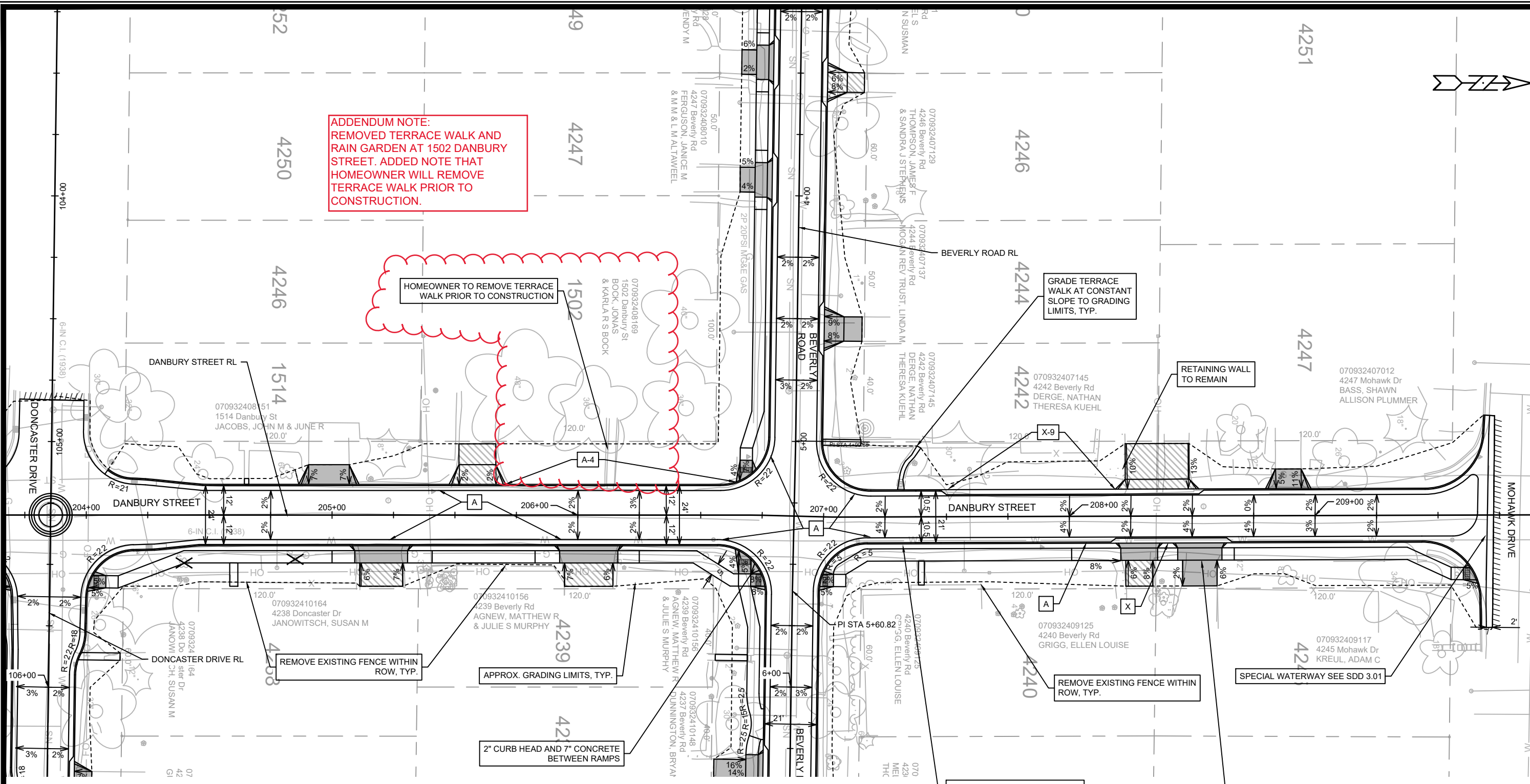
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14079
 6708
 WADISON, WI
 CONTRACT NO: 14079

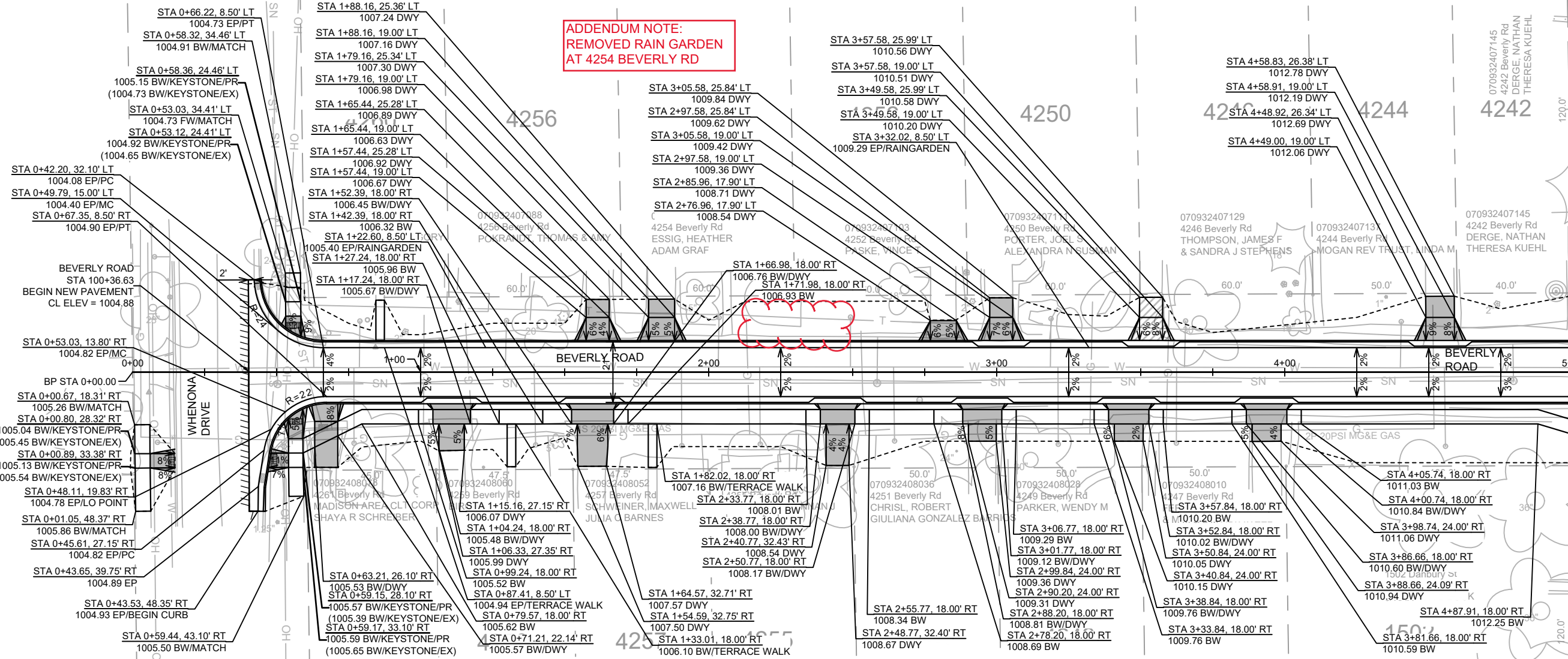
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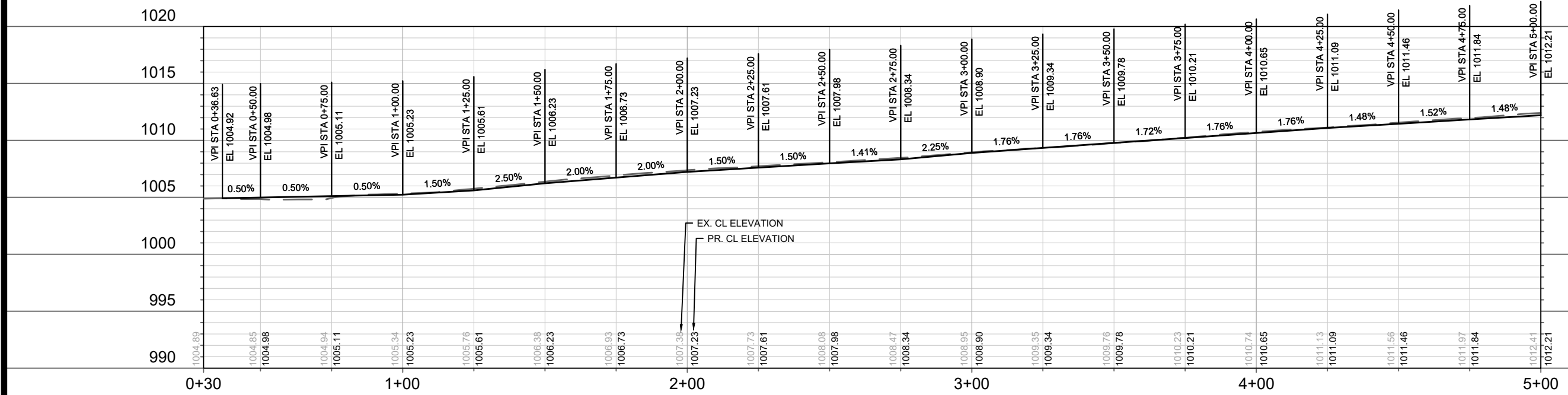
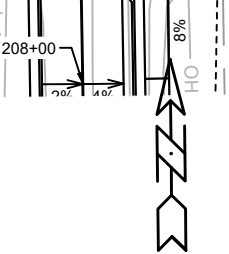
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 PD-6



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



MATCH LINE 5+00.00



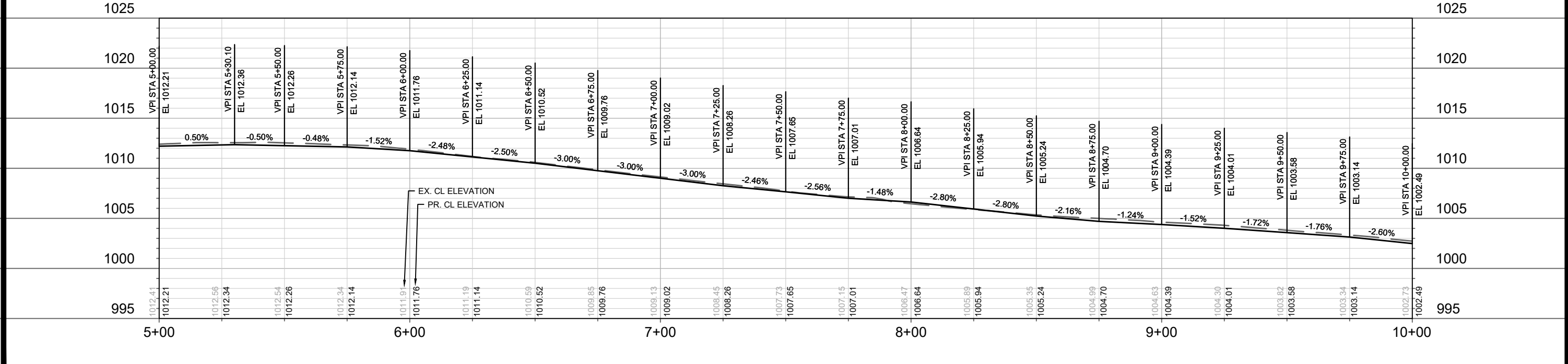
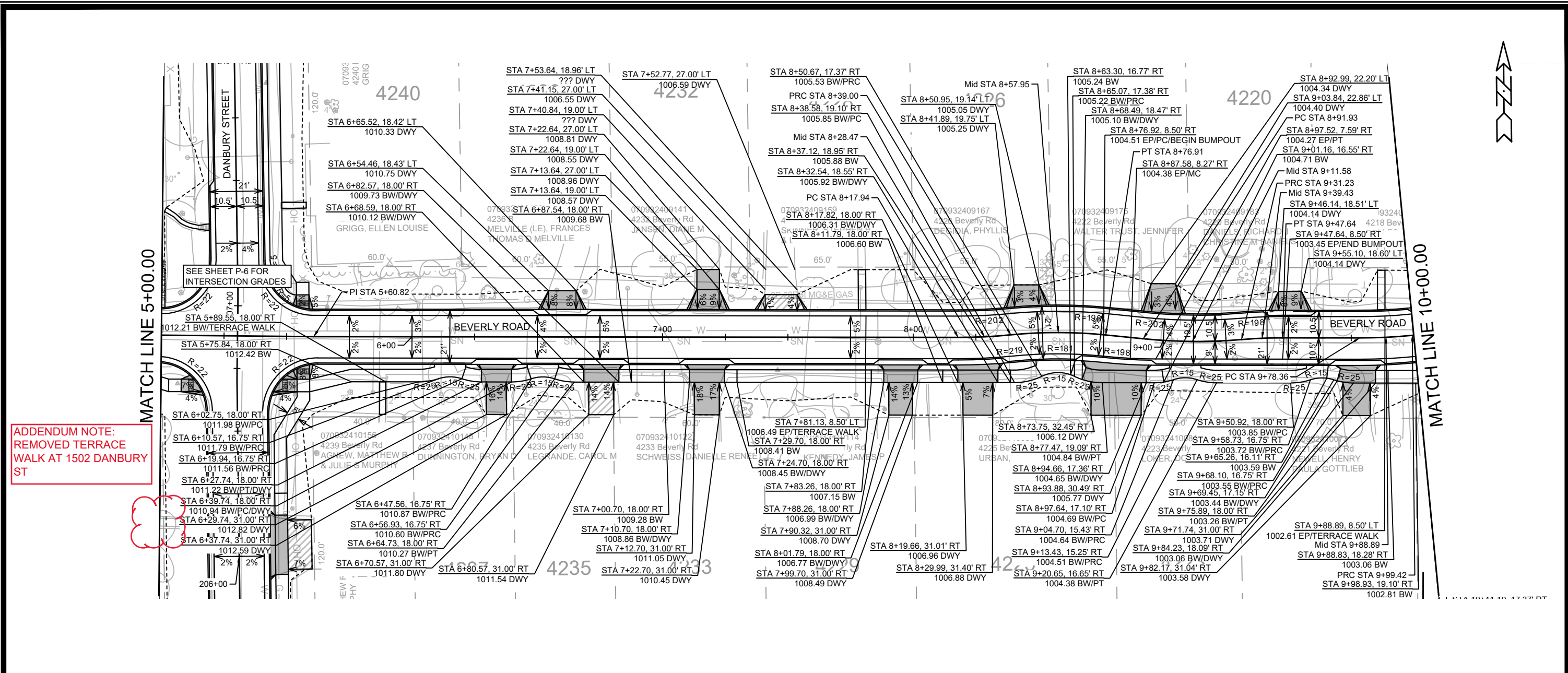
ADDENDUM NOTE:
REMOVED RAIN GARDEN
AT 4254 BEVERLY RD

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BY		
REVISION	AD#1	
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14079
MADISON, WI
CONTRACT NO: 8709

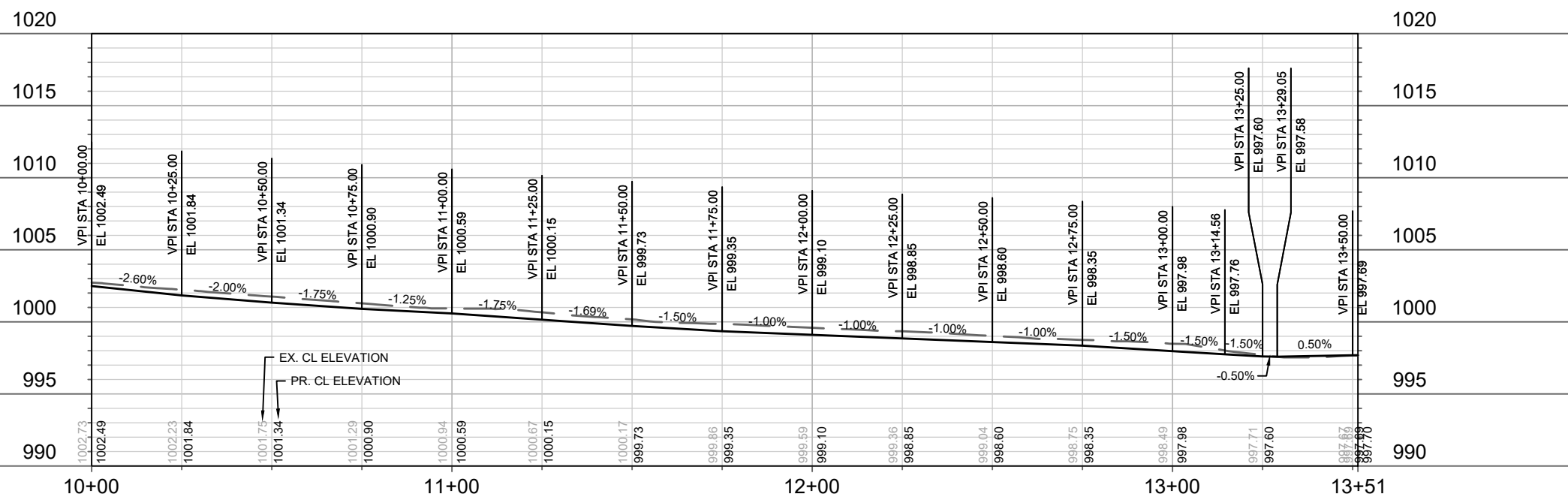
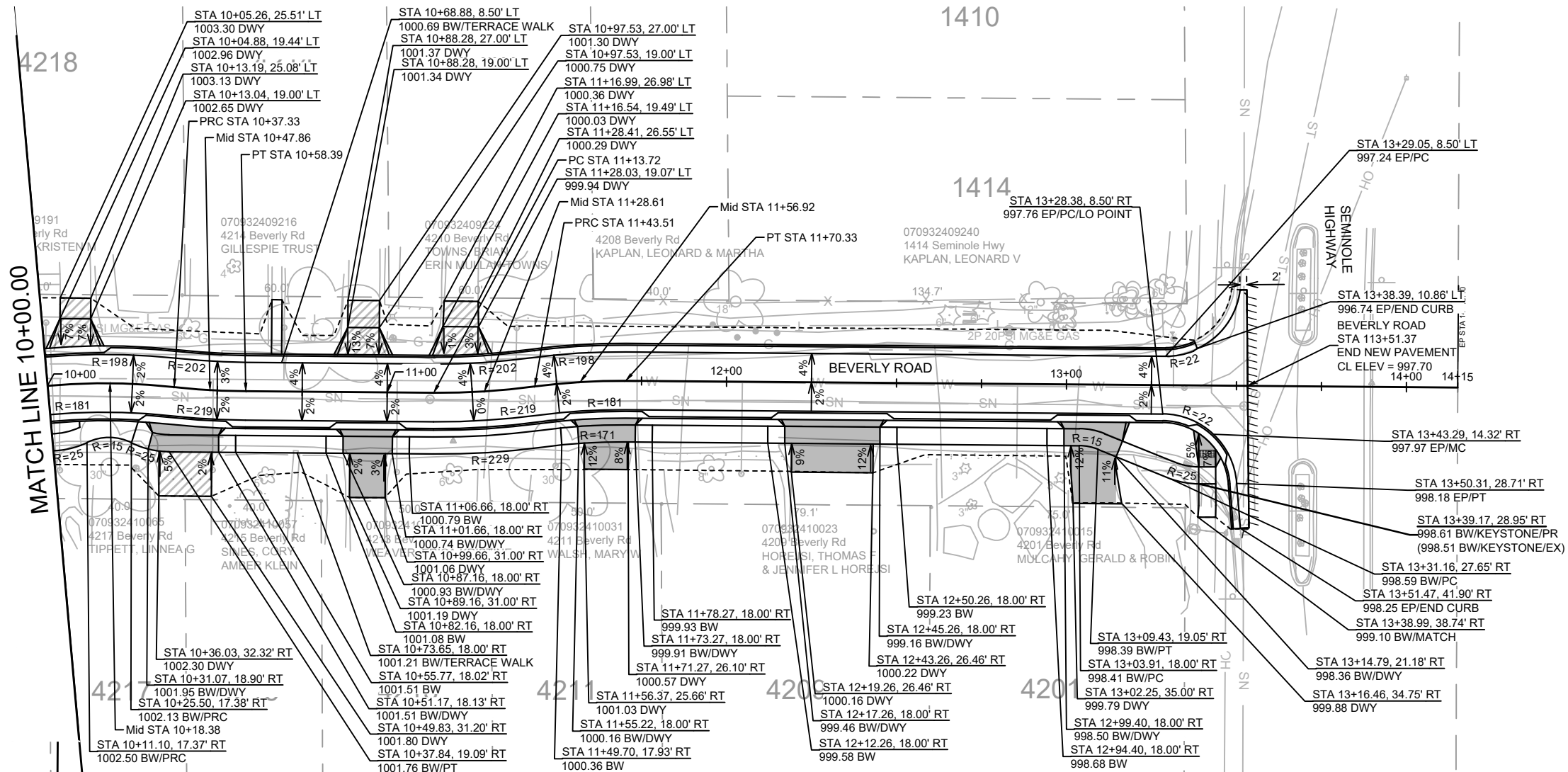
BEVERLY ROAD PLAN & PROFILE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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ADDENDUM NOTE:
REMOVED TERRACE
WALK AT 1502 DANBURY
ST

14079	MADISON, WI	8709	CONTRACT NO.
BEVERLY ROAD PLAN & PROFILE			
DONCASTER BEVERLY DANBURY RECONSTRUCTION			
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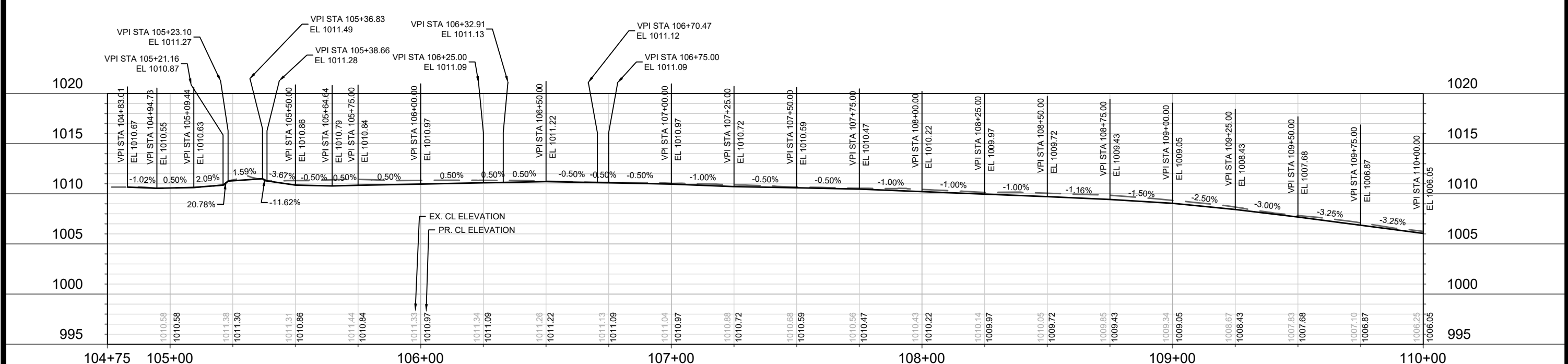
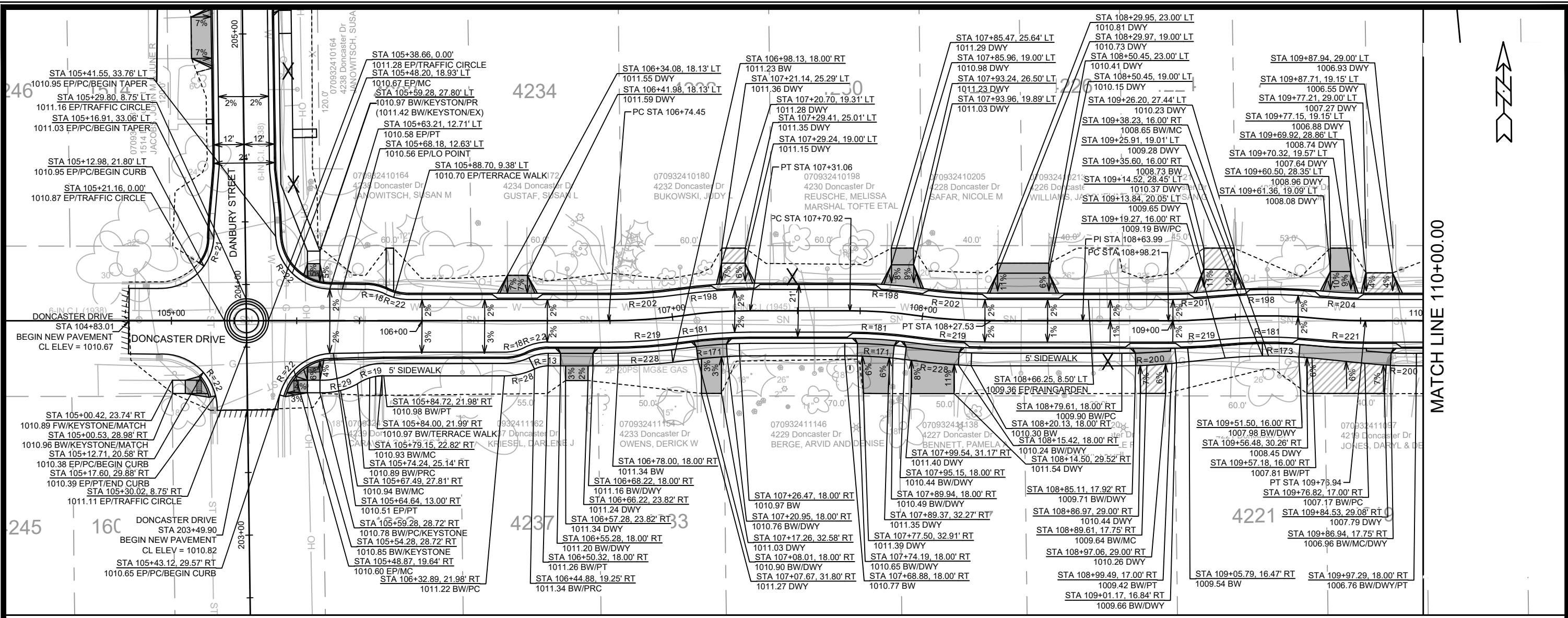


DATE	BY
5/10/2024	P-3

14079
MADISON, WI
CONTRACT NO.: 8709

BEVERLY ROAD PLAN & PROFILE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
P-3



MATCH LINE 110+00.00

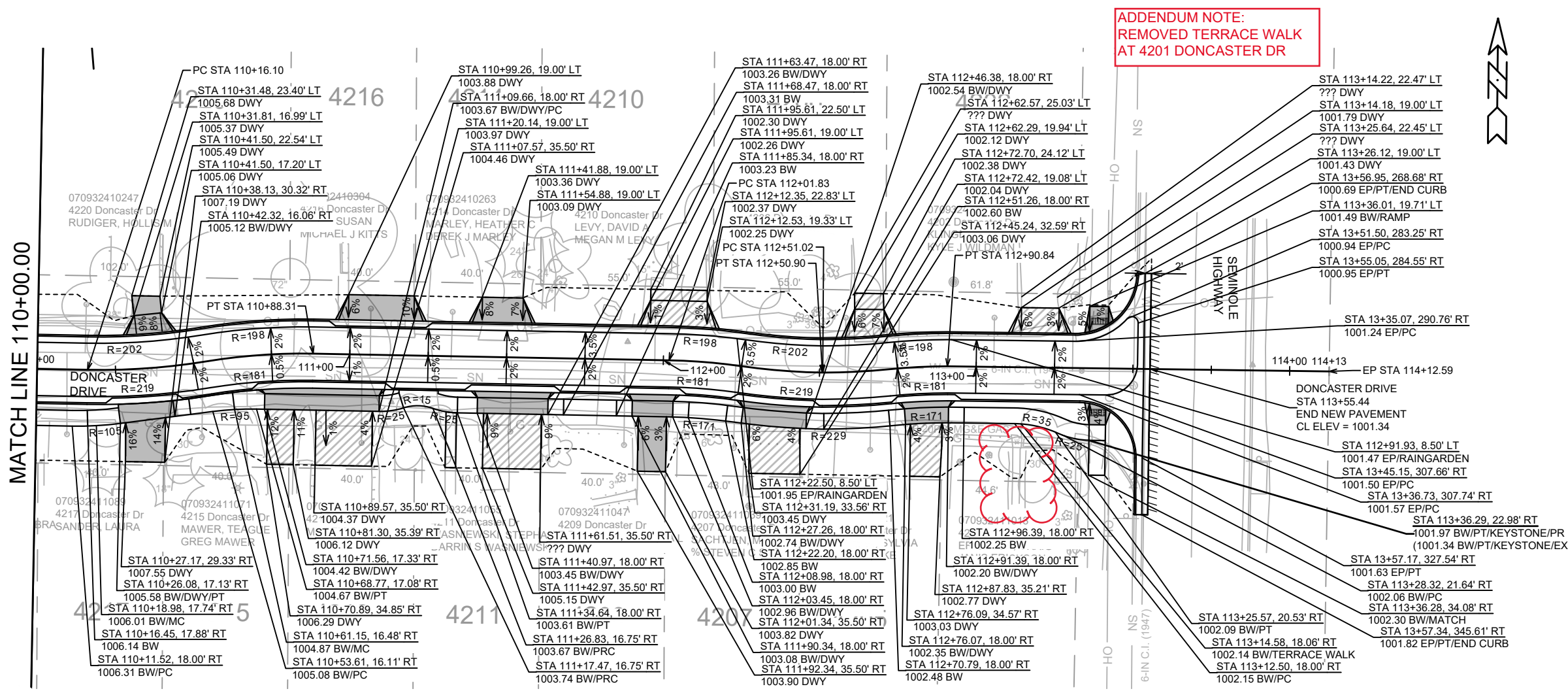


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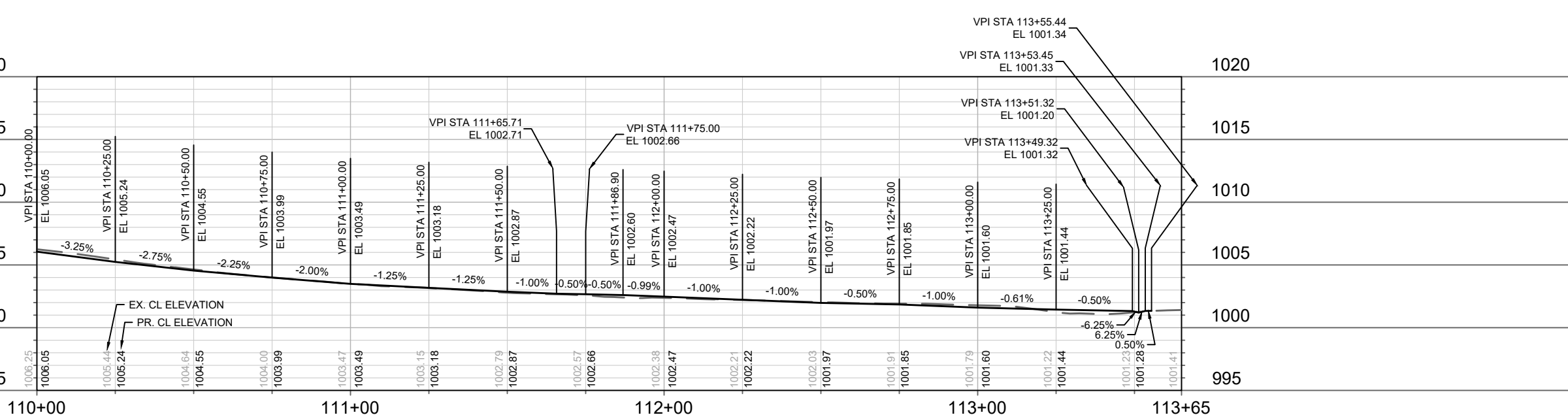
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CONTRACT NO.: 8709

DONCASTER DRIVE PLAN & PROFILE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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ADDENDUM NOTE:
REMOVED TERRACE WALK
AT 4201 DONCASTER DR

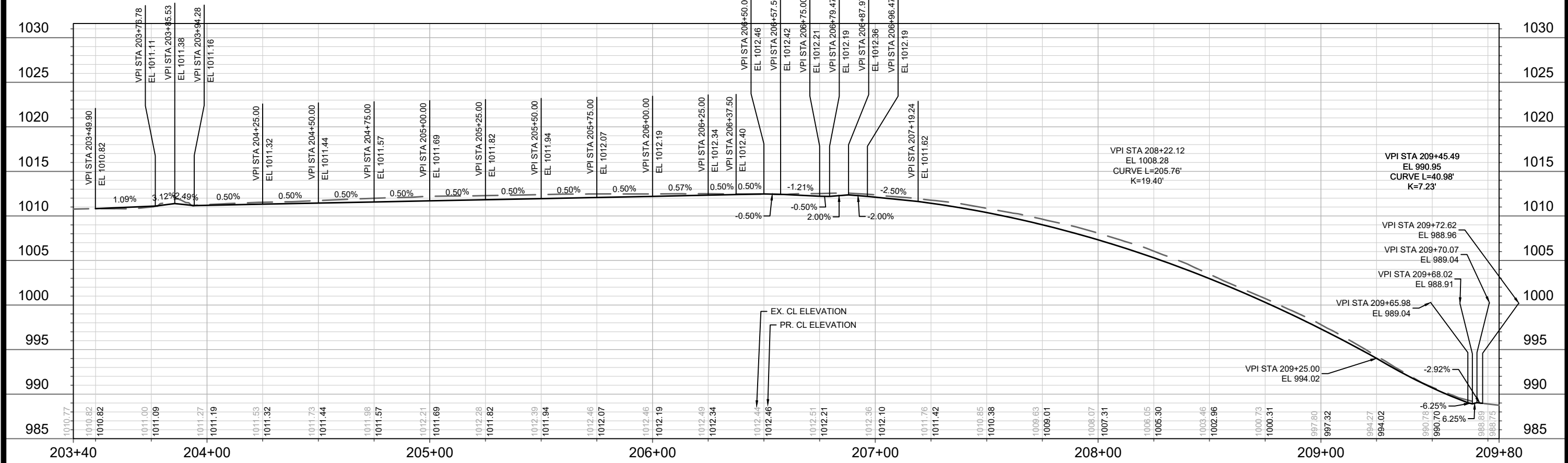
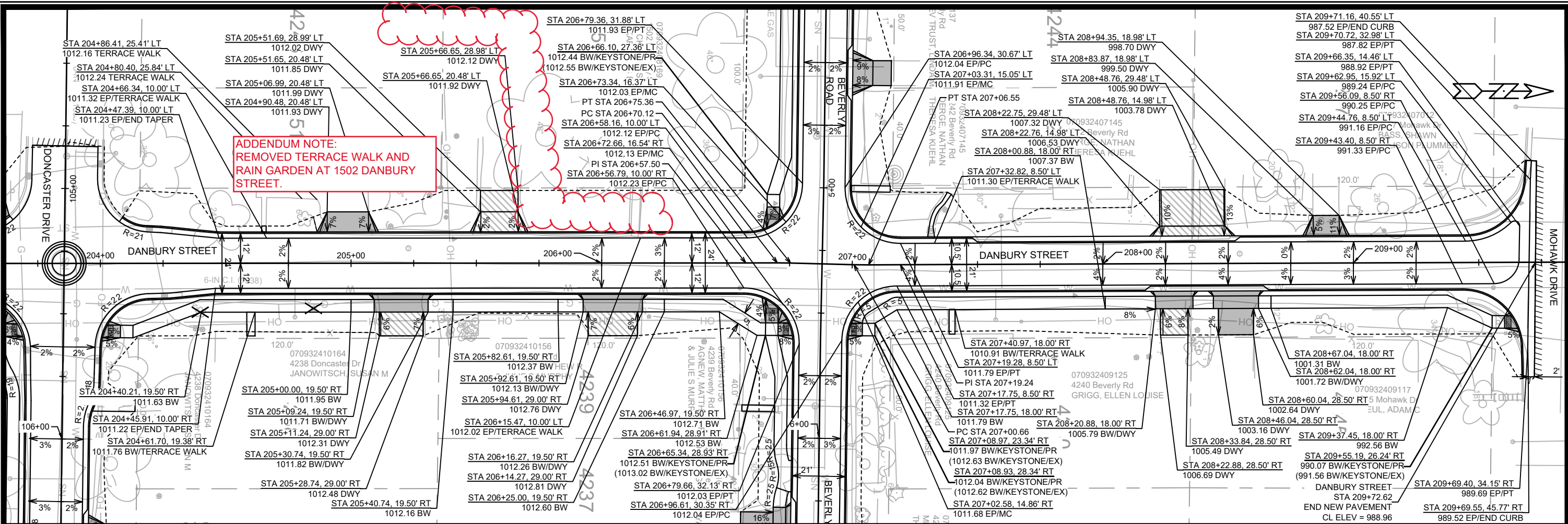


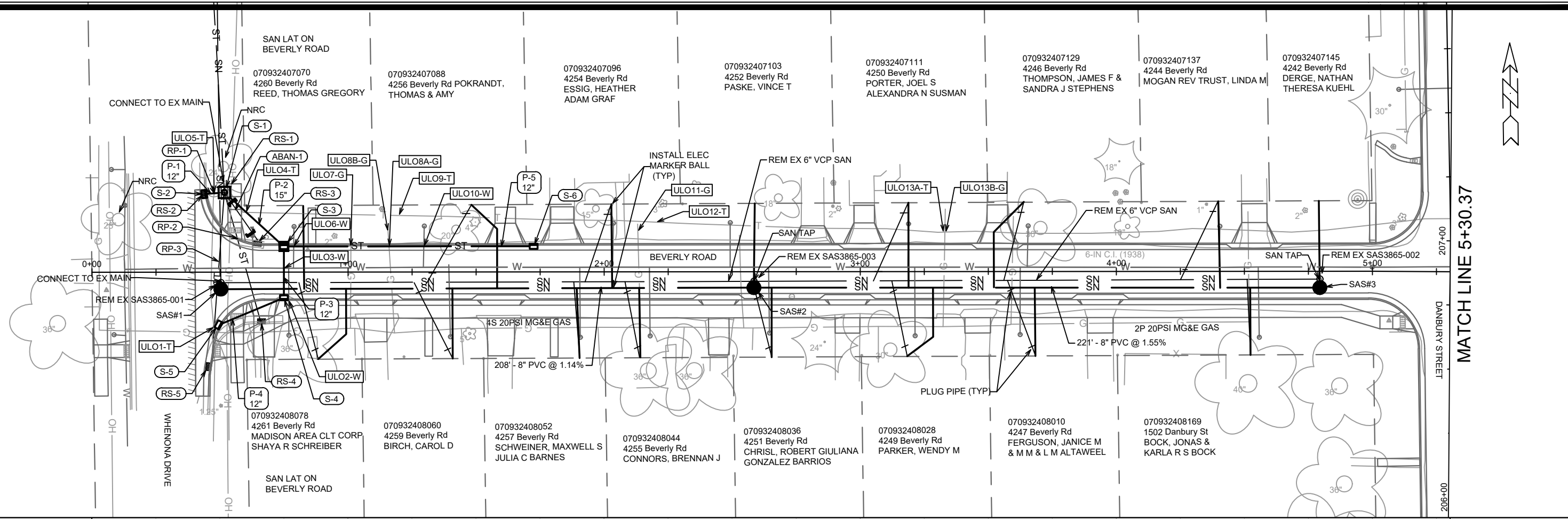
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CONTRACT NO: 8709

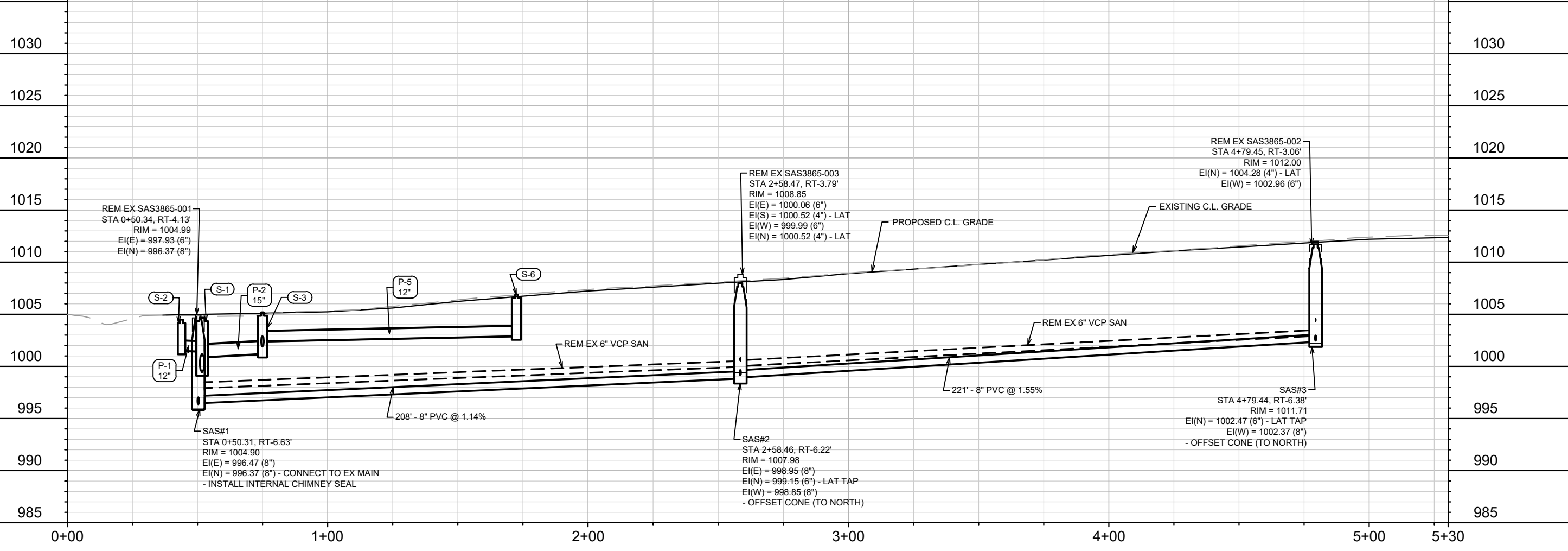
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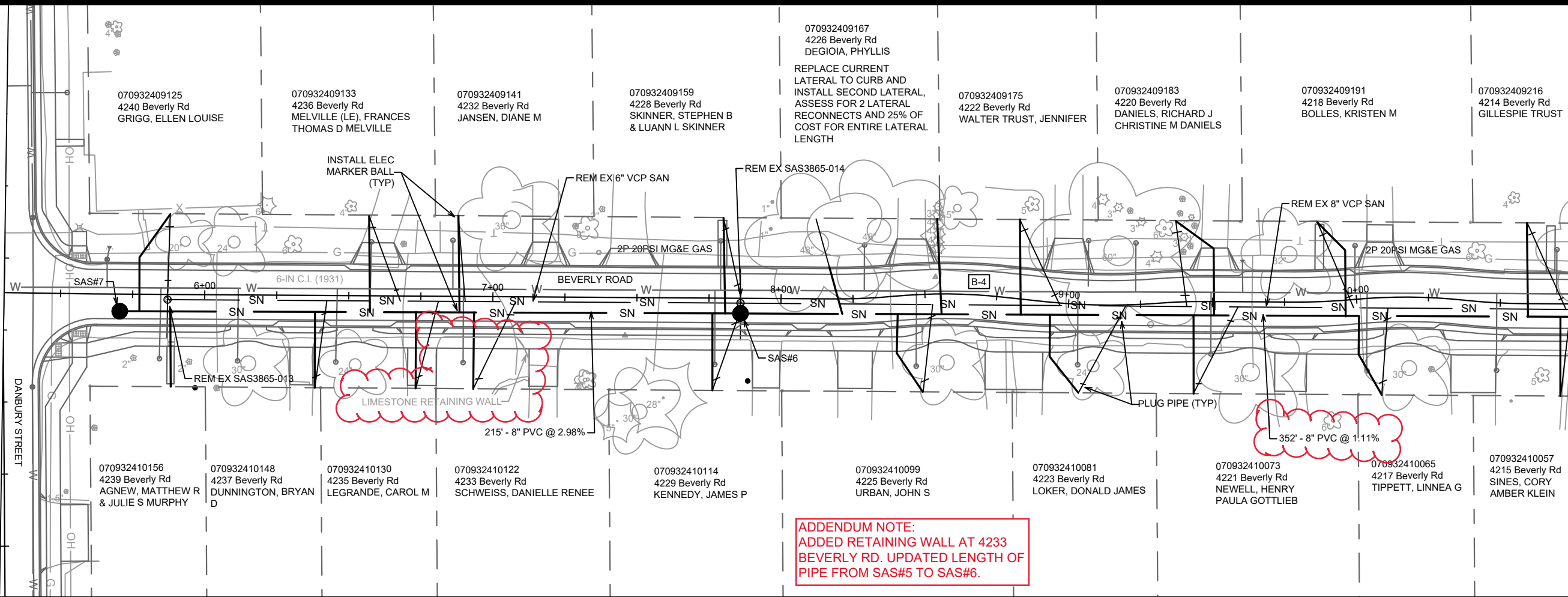
MATCH LINE 5+30.37



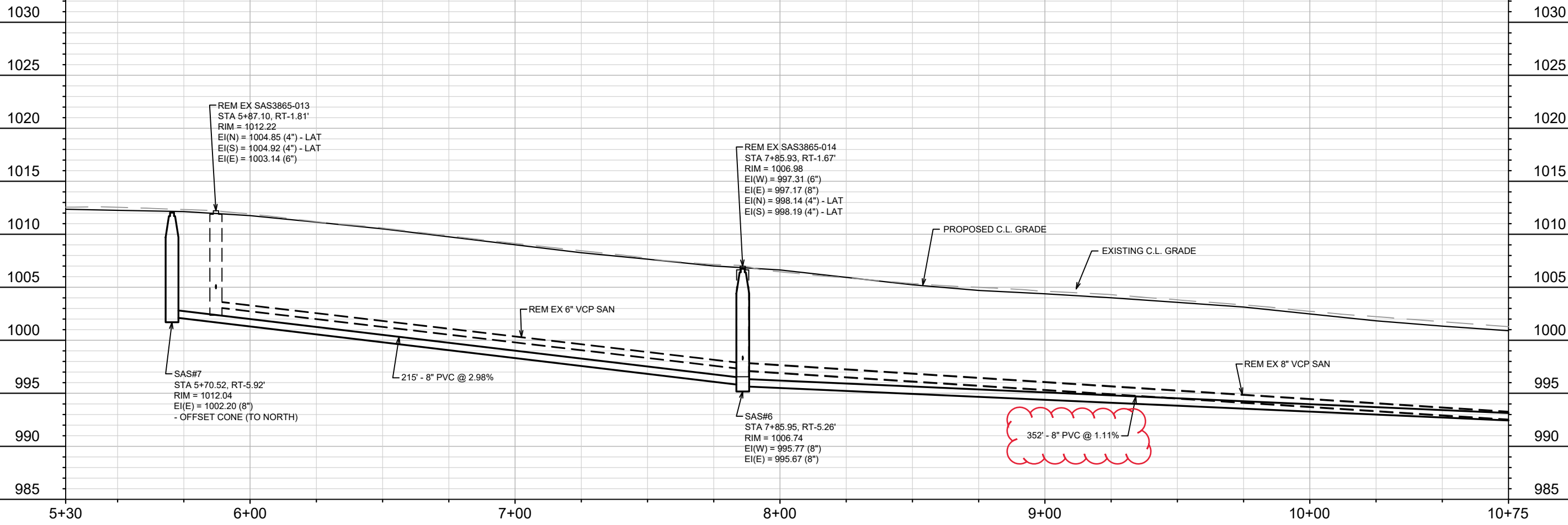
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REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION
MARK	MARK	MARK	MARK	MARK	MARK	MARK	MARK	MARK	MARK
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DONCASTER BEVERLY DANBURY RECONSTRUCTION									
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14079									
U-1									

MATCHLINE 5+30.37

MATCHLINE 10+75.00



ADDENDUM NOTE:
 ADDED RETAINING WALL AT 4233 BEVERLY RD. UPDATED LENGTH OF PIPE FROM SAS#5 TO SAS#6.



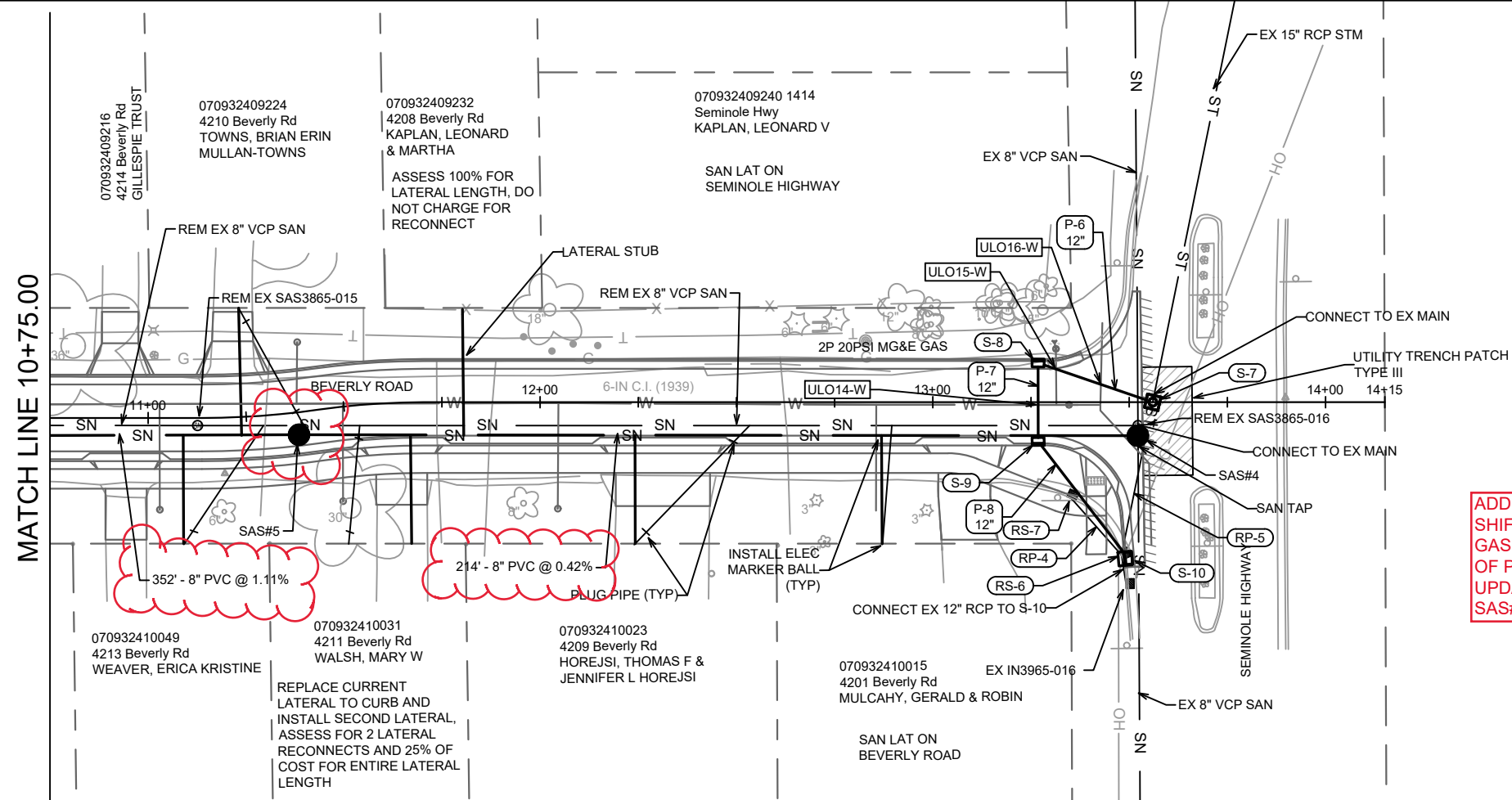
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14079
 MADISON, WI
 CONTRACT NO: 8709

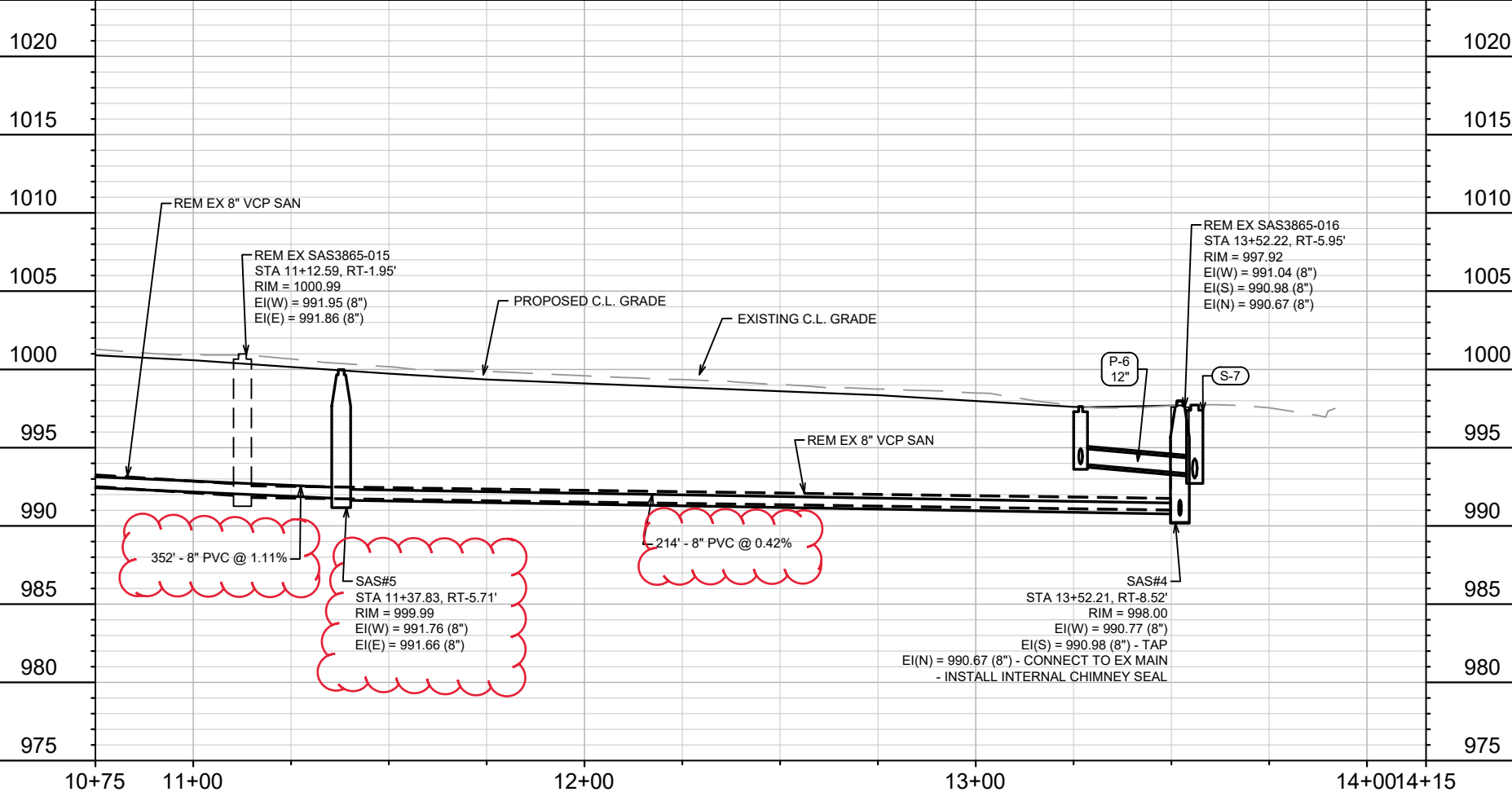
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 DONCASTER BEVERLY DANBURY RECONSTRUCTION
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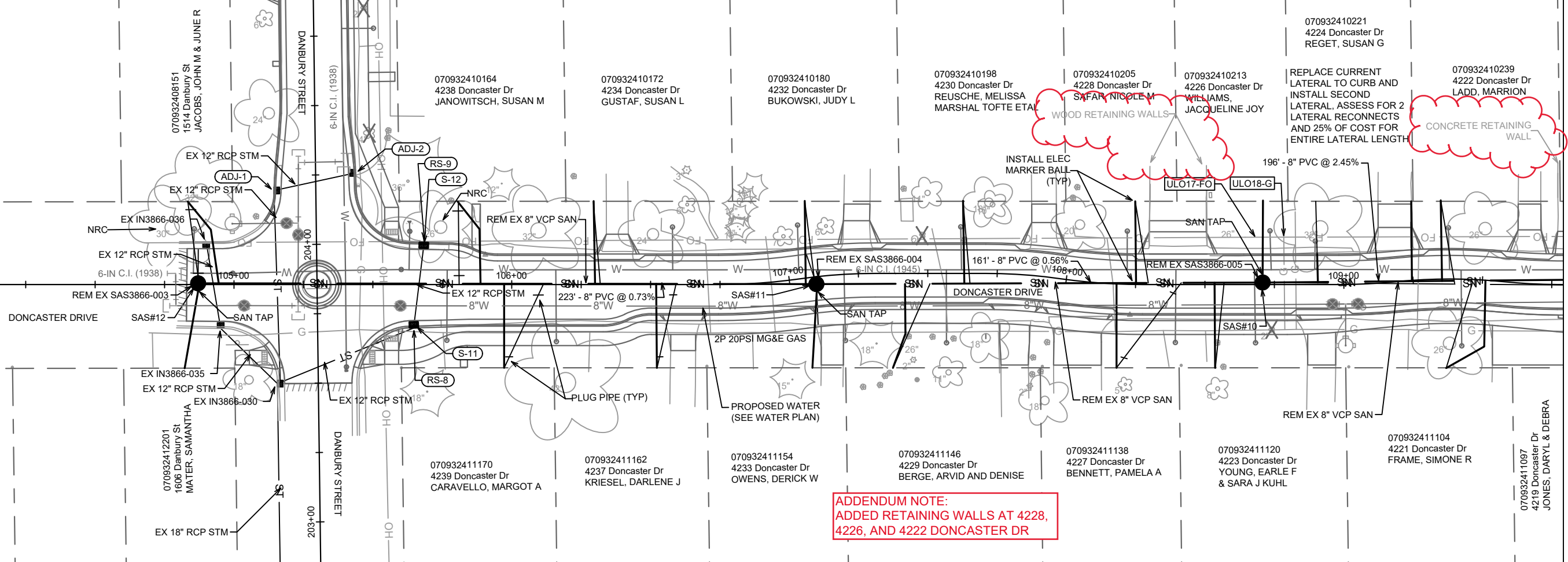
14079
 U-2



ADDENDUM NOTE:
 SHIFTED SAS#5 EAST TO AVOID
 GAS SERVICE. UPDATED LENGTH
 OF PIPE FROM SAS#5 TO SAS#6.
 UPDATED LENGTH OF PIPE FROM
 SAS#4 TO SAS#5.

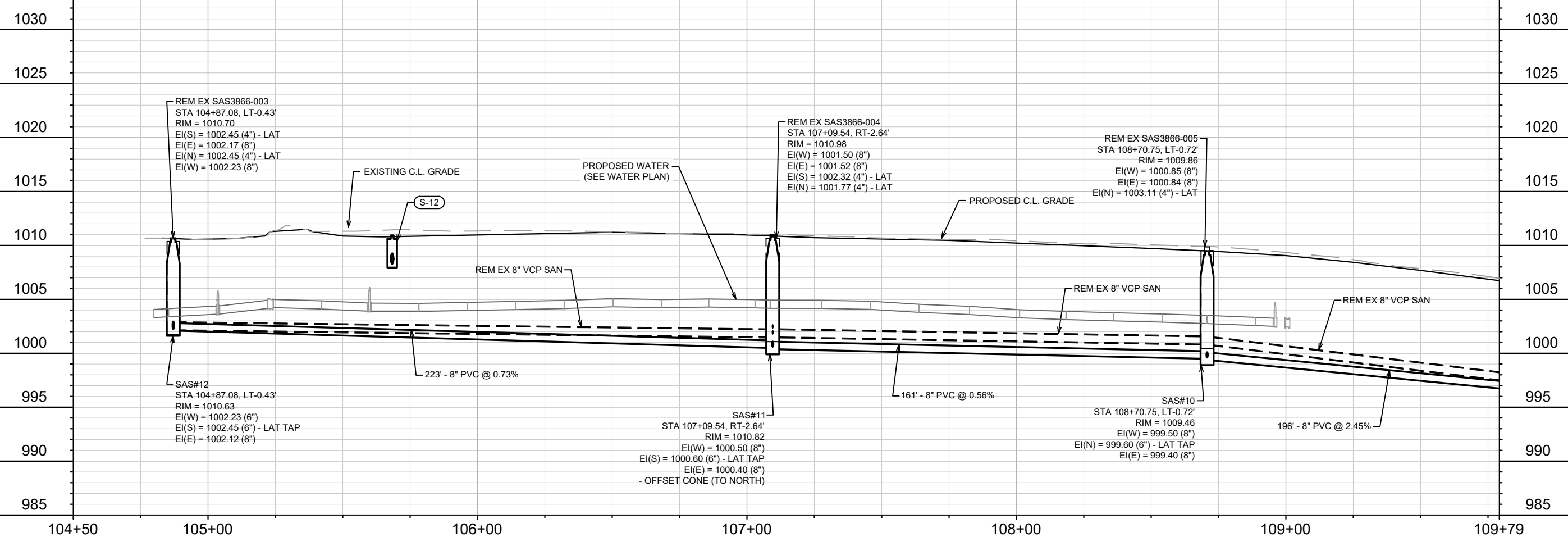


14079	14079	14079	U-3
MADISON, WI	MADISON, WI	8709	U-3
BEVERLY ROAD - SEWER PLAN AND PROFILE		CONTRACT NO: 8709	
DONCASTER BEVERLY DANBURY RECONSTRUCTION		M:\DESIGN\Projects\14079\CAD\Sewers\14079SWR-PipeNetwork.dwg	
			
14079		U-3	



MATCH LINE 109+79.18

**ADDENDUM NOTE:
ADDED RETAINING WALLS AT 4228,
4226, AND 4222 DONCASTER DR**



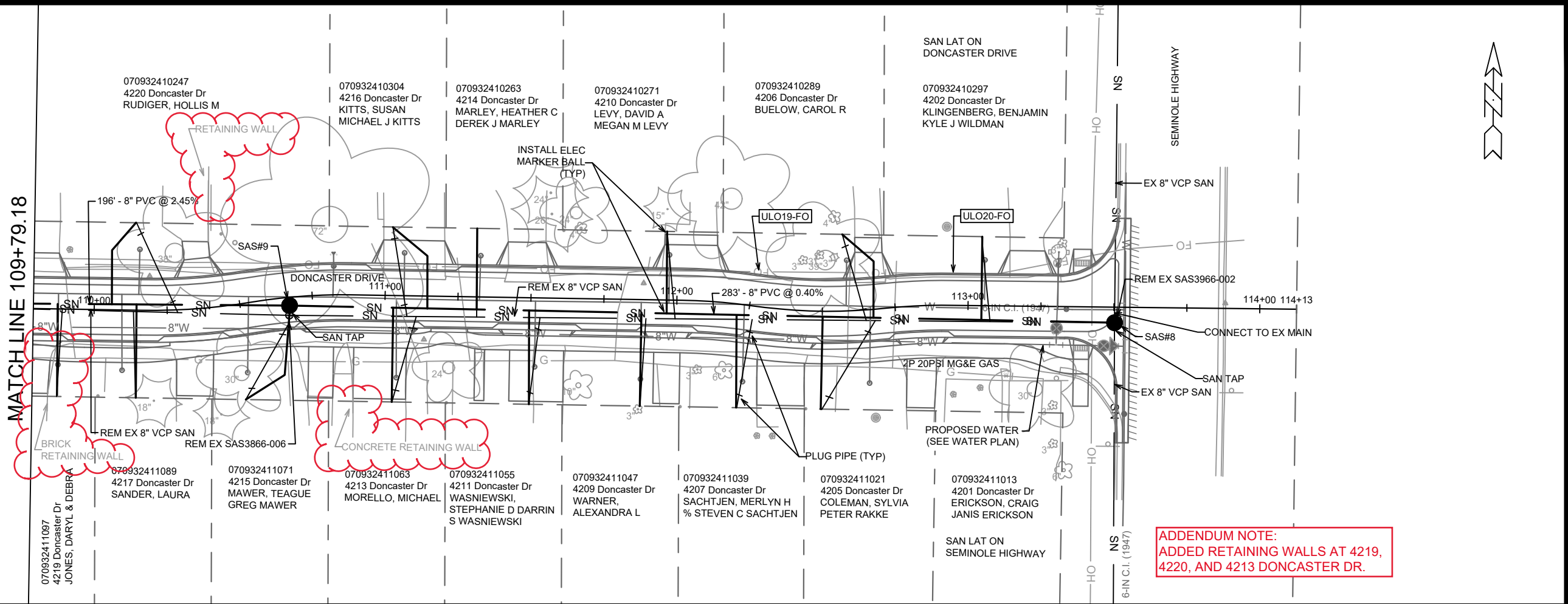
MARK	REVISION	DATE	BY
AD#1	5/17/24	EKG	U-4
Designed By: MFG		Date: 5/17/2024 8:10 AM	Scale: 1" = 40'
14079		14079	

14079
MADISON, WI
8709
CONTRACT NO:

DONCASTER DRIVE - SEWER PLAN AND PROFILE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
U-4



Station	Profile Description	Elevation (ft)
109+79	Matchline	975
110+00	REM EX SAS3866-006 STA 110+66.53, RT-6.18' RIM = 1004.26 EI(W) = 994.86 (8") EI(E) = 994.77 (8") EI(S) = 998.47 (4") - LAT EI(S) = 996.27 (4") - LAT	1004.26
110+00	SAS#9 STA 110+66.95, RT-2.84' RIM = 1004.20 EI(W) = 994.60 (8") EI(S) = 994.70 (6") - LAT TAP EI(E) = 994.50 (8") - OFFSET CONE (TO NORTH)	1004.20
111+00	PROPOSED WATER (SEE WATER PLAN)	~995
112+00	PROPOSED C.L. GRADE	~995
113+00	REM EX SAS3966-002 STA 113+50.27, RT-5.33' RIM = 1001.33 EI(S) = 994.22 (8") EI(W) = 993.48 (8") EI(N) = 993.27 (8")	1001.33
113+00	SAS#8 STA 113+50.27, RT-5.33' RIM = 1001.41 EI(W) = 993.37 (8") EI(S) = 994.22 (8") - TAP EI(N) = 993.27 (8") - CONNECT TO EX MAIN - INSTALL INTERNAL CHIMNEY SEAL	1001.41
114+00	Profile ends	975

14079	MADISON, WI	8709	U-5
DONCASTER DRIVE - SEWER PLAN AND PROFILE			
DONCASTER BEVERLY DANBURY RECONSTRUCTION			
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14079			
U-5			

SANITARY SEWER SCHEDULE

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	
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	

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.

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

STORM SEWER SCHEDULE

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

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	1005.15	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+55.99	CL	3X3 STORM SAS	997.72	993.05	4.67	FP; W/R-1550-0054; [4]
S-8	13+26.82	LT-10.00	H-INLET	997.63	993.95	3.68	W/R-3067-7004-VB
S-9	13+26.82	RT-10.00	H-INLET	998.56	994.41	4.15	LP; W/R-3067-7004-VB
S-10	13+49.74	RT-39.75	3X3 STORM SAS	998.61	994.97	3.64	FP; W/R-3067-7004-V
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	NOTES
BEVERLY ROAD				
ULO1-T	0+47.58	RT-21.48	BURIED TELEPHONE	
ULO2-W	0+76.84	RT-11.00	3/4" COPPER WATER SERVICE	
ULO3-W	0+74.93	LT-1.55	6" SAND CAST IRON WATER MAIN	
ULO4-T	0+60+26	LT-23.33	BURIED TELEPHONE	
ULO5-T	0+47.82	LT-30.76	BURIED TELEPHONE	
ULO6-W	0+78.81	LT-10.00	3/4" COPPER WATER SERVICE	
ULO7-G	1+01.13	LT-10.10	MG&E GAS	
ULO8A-G	1+16.09	LT-9.94	MG&E GAS	
ULO8B-G	1+15.63	LT-15.95	MG&E GAS	[5]
ULO9-T	1+19.88	LT-22.11	BURIED TELEPHONE	[5]
ULO10-W	1+29.63	LT-9.95	3/4" COPPER WATER SERVICE	

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	95	0.52%	12"	RCP	NCM
P-6	S-7	S-8	993.30	993.95	31	28	2.32%	12"	RCP	
P-7	S-8	S-9	993.95	994.41	20	18	2.56%	12"	RCP	
P-8	S-9	S-10	994.41	994.97	38	34	1.65%	12"	TYPE II	

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-6	RS-7	19	N	-	-	12"	RCP	
RP-5	S-7	RS-6	40	Y	40	-	15"	RCP	
ABAN-1	RS-1	RS-3	24	Y	-	24	12"	VCP	[2] APRX 2 PLUGS

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO11-G	2+13.14	LT-15.83	MG&E GAS	[5]
ULO12-T	2+20.44	LT-19.35	BURIED TELEPHONE	[5]
ULO13A-T	3+32.59	LT-15.38	BURIED TELEPHONE	[5]
ULO13B-G	3+33.42	LT-15.35	MG&E GAS	[5]
ULO14-W	13+26.73	RT-0.69	6" SAND CAST IRON WATER MAIN	
ULO15-W	13+31.39	LT-8.44	6" SAND CAST IRON WATER HYD SERVICE	
ULO16-W	13+42.80	LT-4.52	6" SAND CAST IRON WATER MAIN	
ULO17-FO	108+68.24	LT-17.00	BURIED FIBER OPTIC	[5]
ULO18-G	108+78.46	LT-17.18	MG&E GAS	[5]
ULO19-FO	112+26.56	LT-11.99	BURIED FIBER OPTIC	[5]
ULO20-FO	112+94.73	LT-10.95	BURIED FIBER OPTIC	[5]

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.

SPECIFIC NOTES

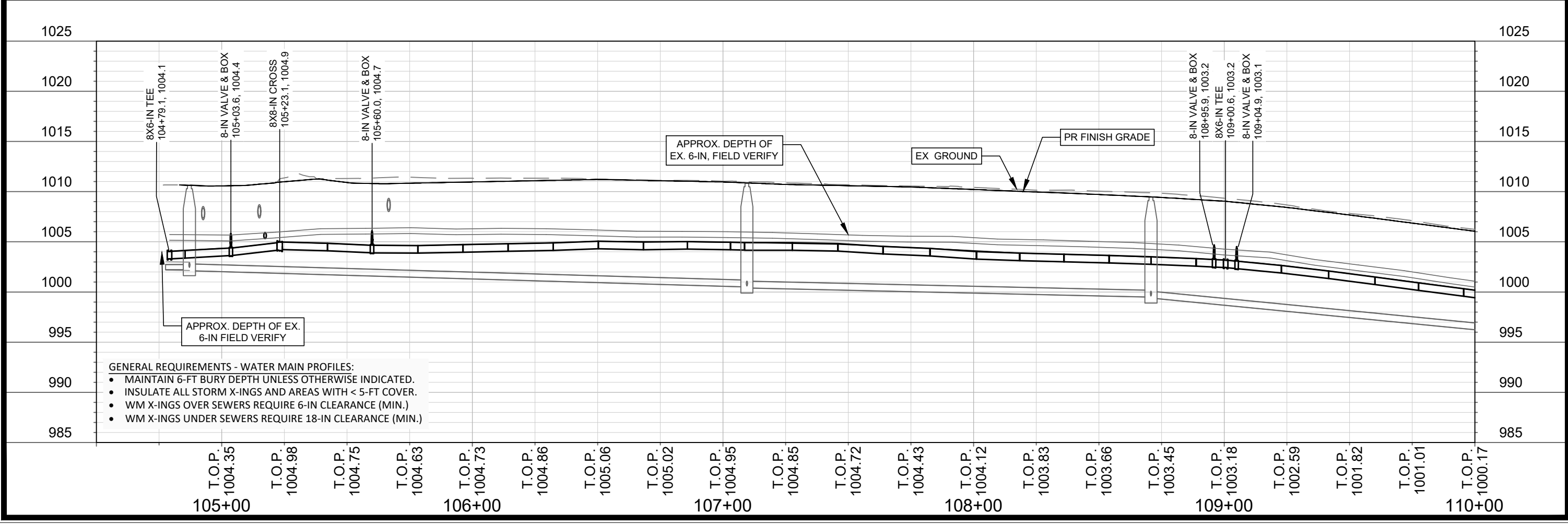
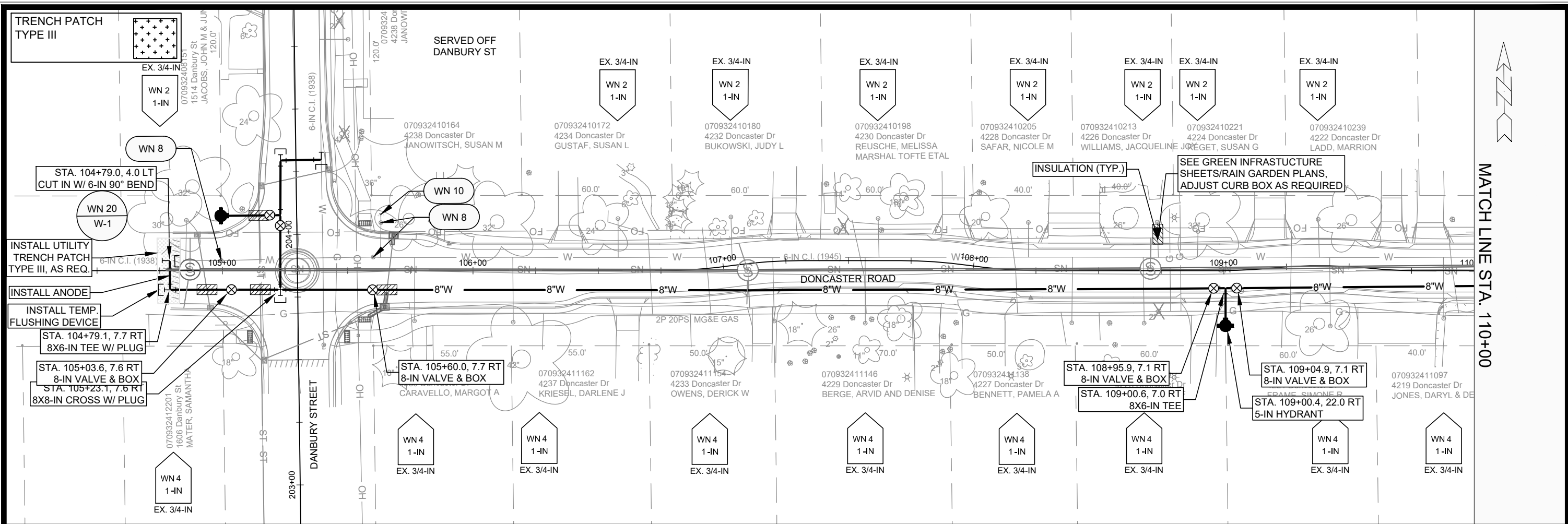
[1] MATCH NEW TOP OF CURB

[2] ABANDON PIPE WITH PLUGS

[3] APPROXIMATE STRUCTURE DEPTH, NO RECORDS OR SURVEY DATA AVAILABLE SINCE TUB INLET

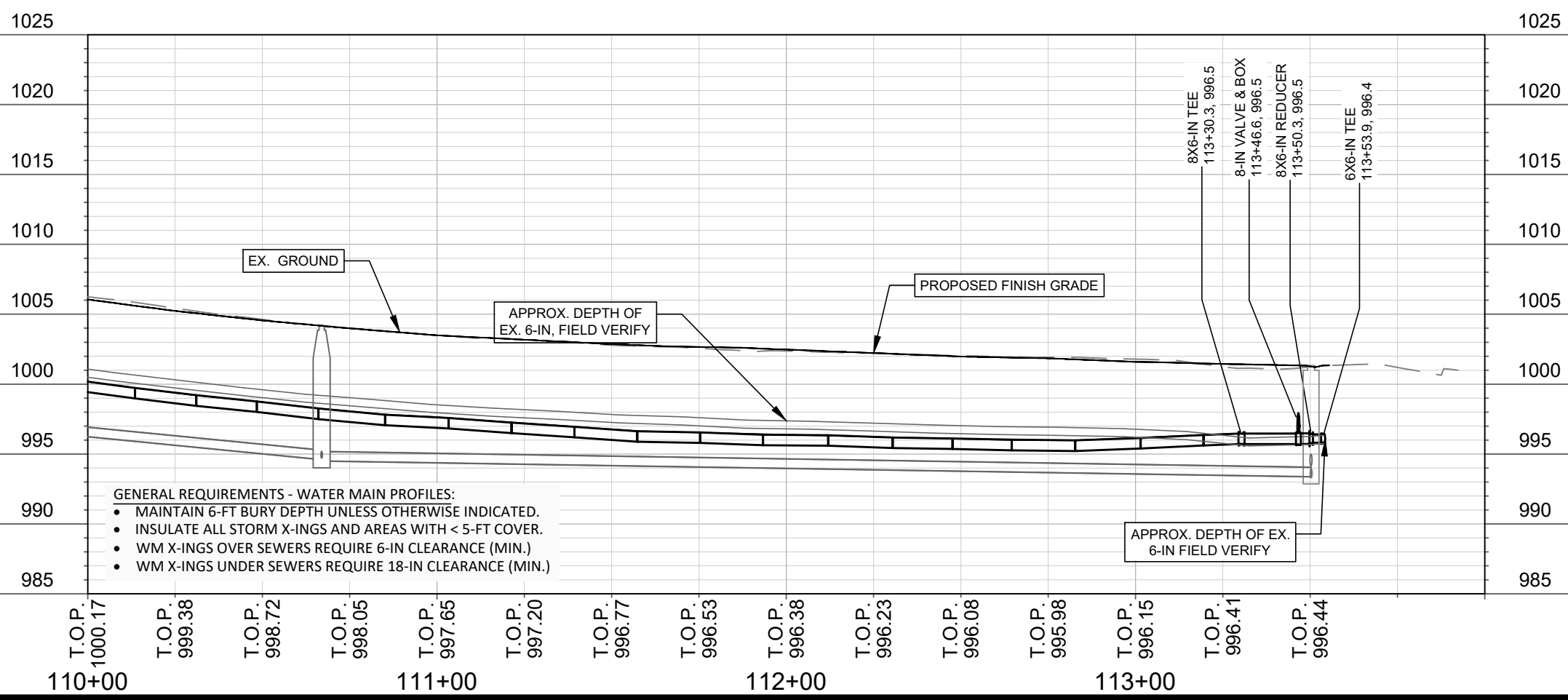
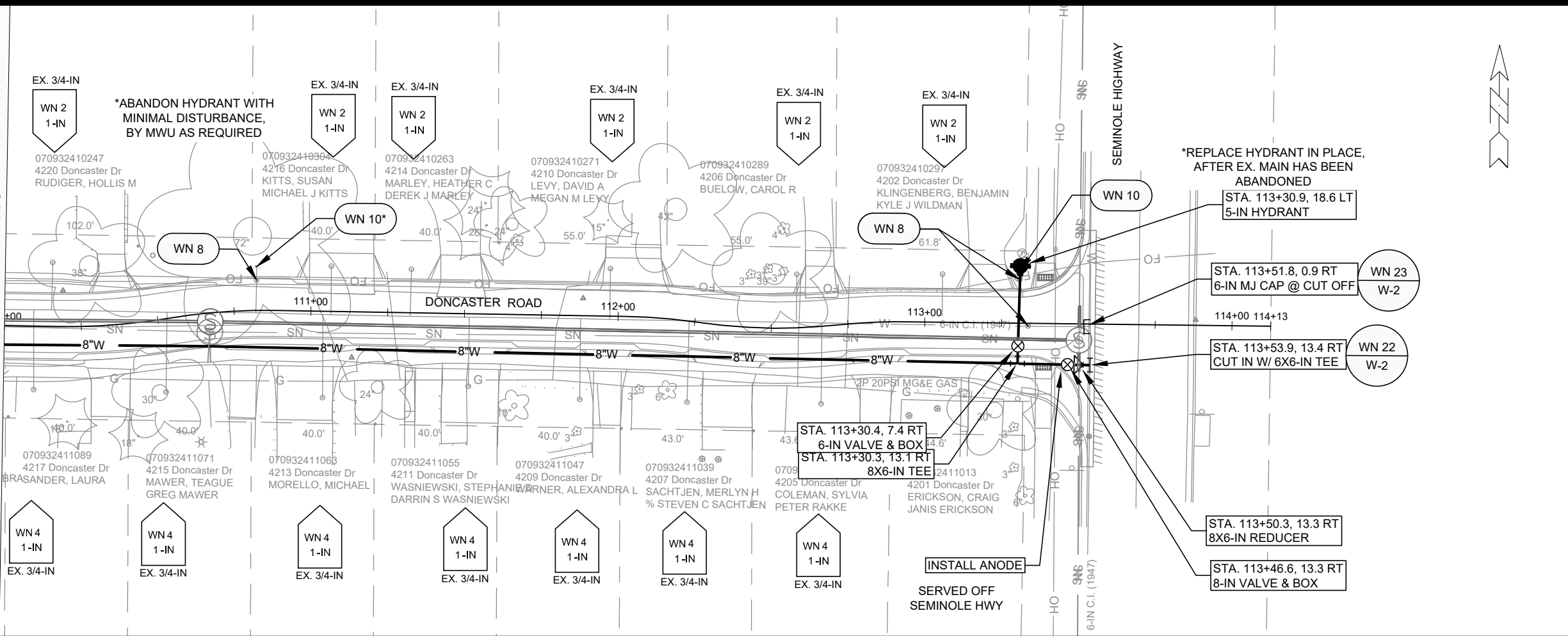
[4] CONNECT TO EX MAIN

[5] SEE GI SHEETS FOR RAINGARDEN DETAIL



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

MATCH LINE STA. 110+00



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

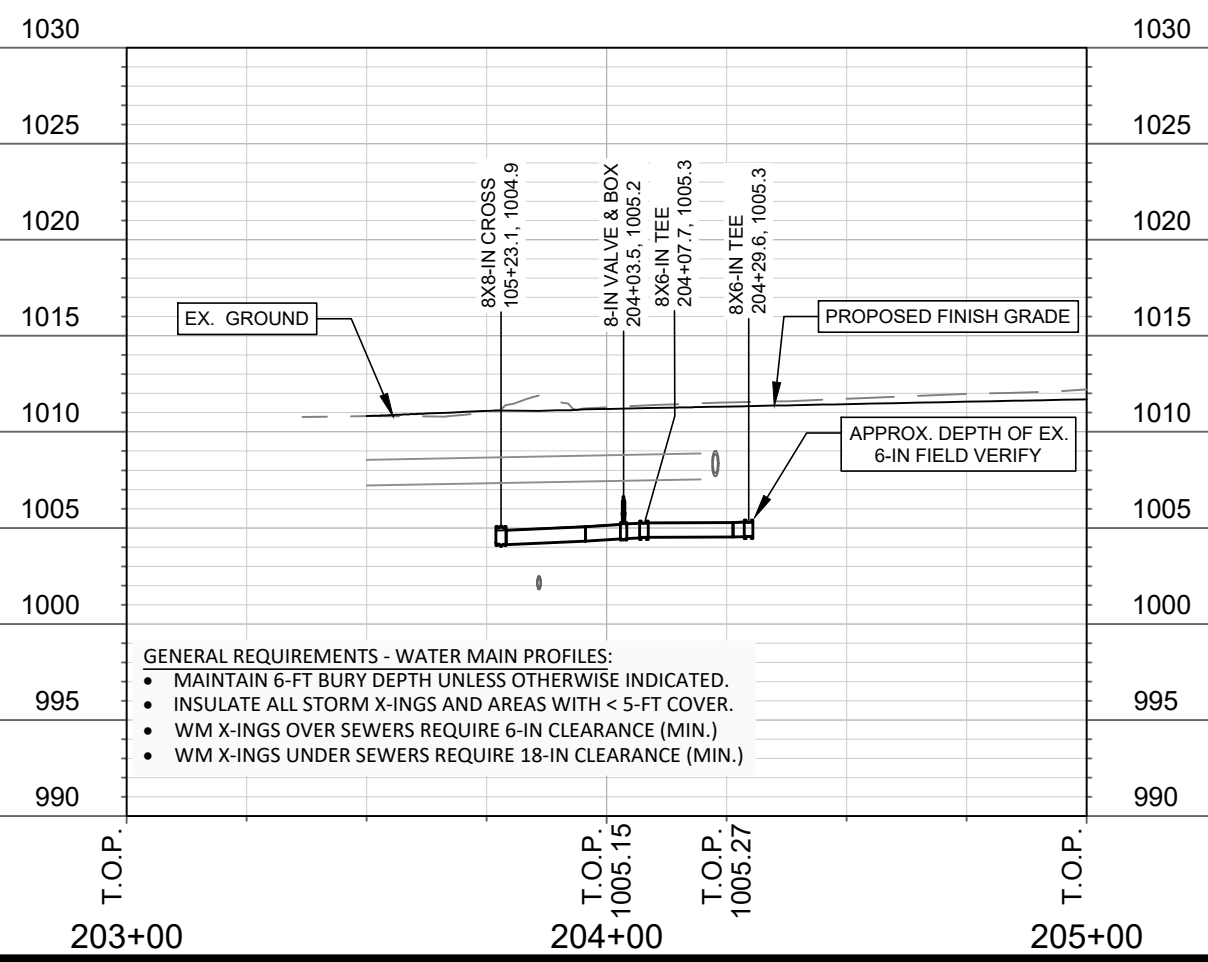
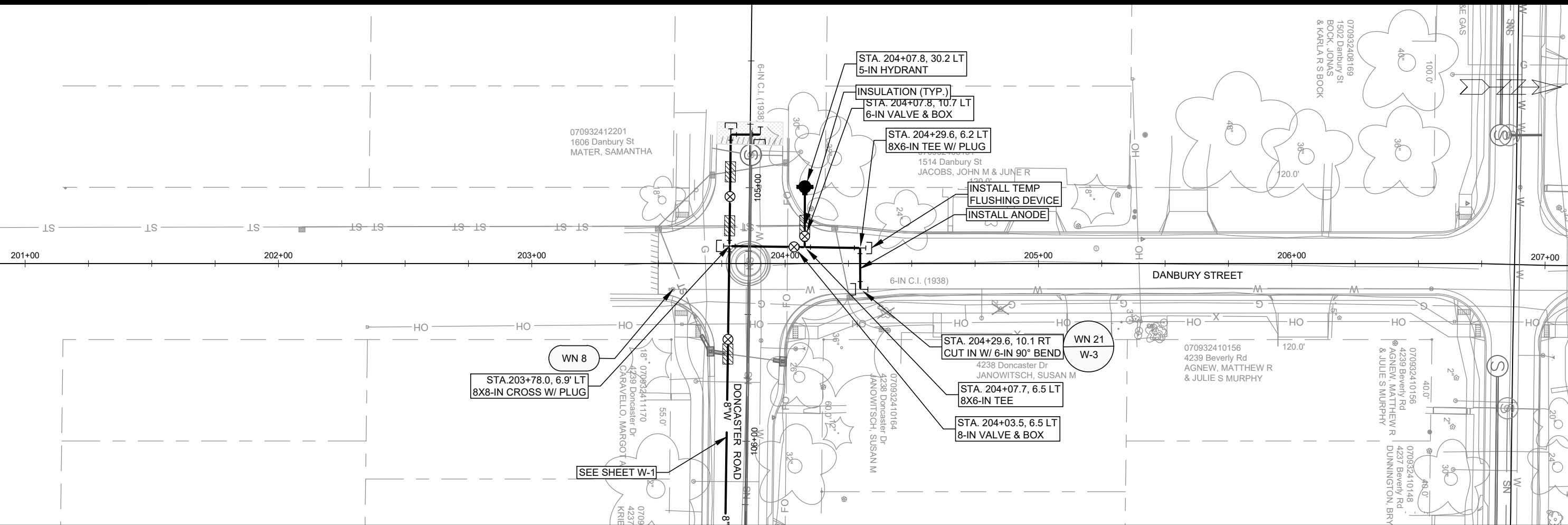
NO.	DATE	BY
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4	05/20/24	TDP
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6	05/20/24	TDP
7	05/20/24	TDP
8	05/20/24	TDP
9	05/20/24	TDP
10	05/20/24	TDP

14079
MADISON, WI
8709
CONTRACT NO:

DONCATSER DRIVE - WATER PLAN & PROFILE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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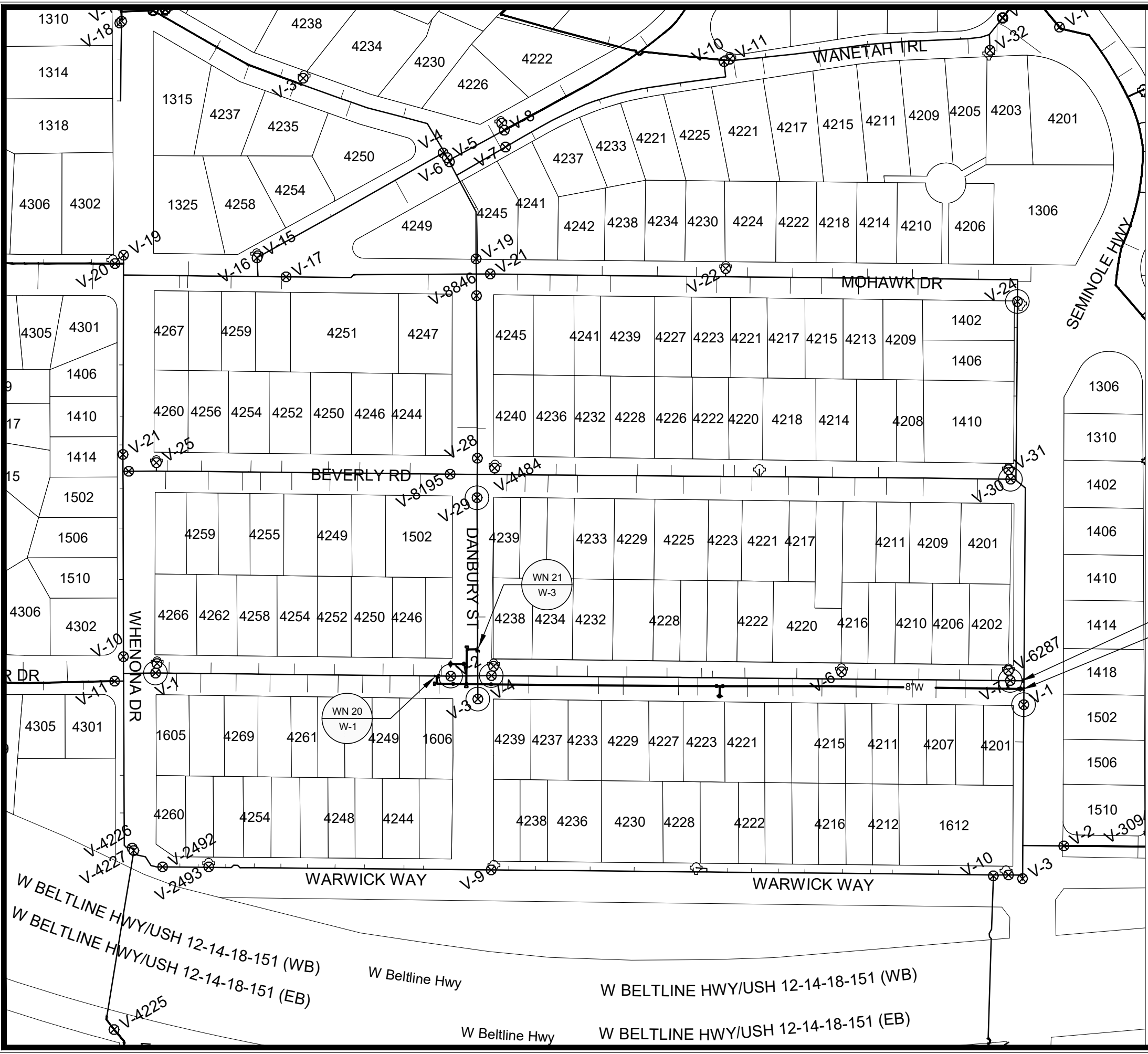


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W-2



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

14079 W-3	
DANBURY STREET - WATER PLAN AND PROFILE DONCASTER BEVERLY DANBURY RECONSTRUCTION	
14079 MADISON, WI	8709 CONTRACT NO.:
<small>M:\DESIGN\Projects\14079\CAD\Water\14079WU-Water.dwg</small>	
<small>MARK</small>	<small>REVISION</small>
<small>DATE</small>	<small>BY</small>
<small>Scale: 1"=40'</small>	<small>Scale: 1"=40'</small>
<small>Designed By: TDP</small>	<small>Date: 5/9/2024 3:03 PM</small>



1" = 150'

WN20 W-1 CUT IN CONNECTION TO EX. 6-IN AT DONCASTER & DANBURY ISOLATION VALVES: V-1, V-4, AND V-29
 NOTIFY: 1605 WHENONA DR, 4238 THROUGH 4273 DONCASTER, AND 1514 & 1606 DANBURY ST

WN21 W-3 CUT IN CONNECTION TO EX. 6-IN AT DANBURY & DONCASTER ISOLATION VALVES: V-2, V-3, V-4, AND V-29
 NOTIFY: 4238 DONCASTER

WN22 W-2 CUT IN CONNECTION TO EX. 6-IN AT DONCASTER & SEMINOLE ISOLATION VALVES: V-1, V-7, V-30, AND V-24
 NOTIFY: 1402 THROUGH 1410 SEMINOLE HIGHWAY

WN23 W-2 CUT OFF EX. 6-IN AT DONCASTER & SEMINOLE ISOLATION VALVES: V-1, V-7, V-30, AND V-24
 NOTIFY: 1402 THROUGH 1410 SEMINOLE HIGHWAY

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

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14079
 MADISON, WI
 DONCASTER DR, BEVERLY RD, DANBURY ST RECONSTRUCTION
 CONTRACT NO.: 8709



14079
 W-4

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. |

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:**

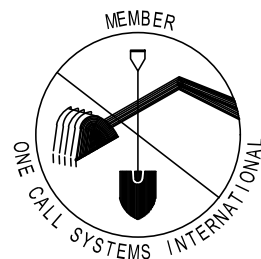
HYDRANT	3	EACH
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* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

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

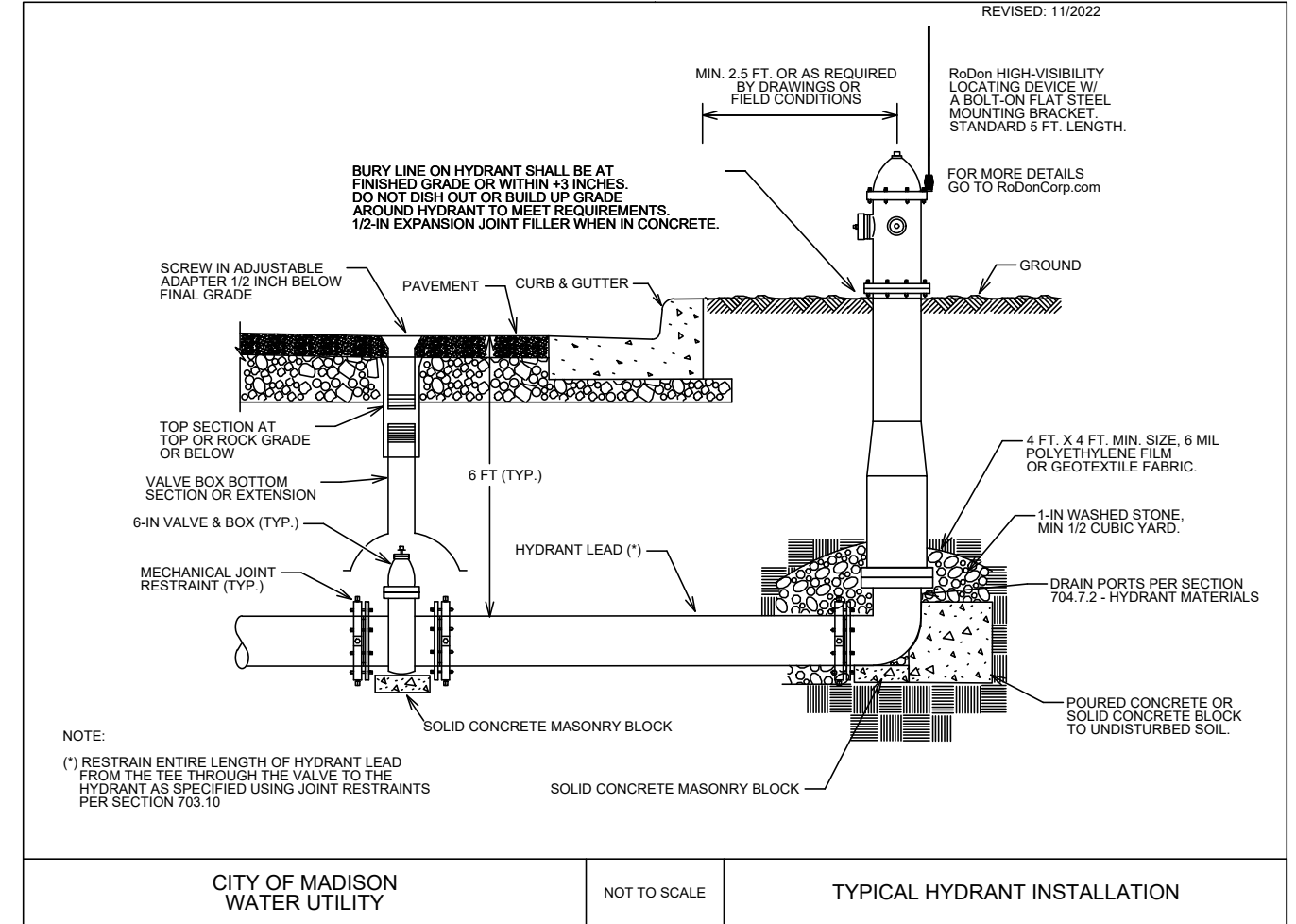
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



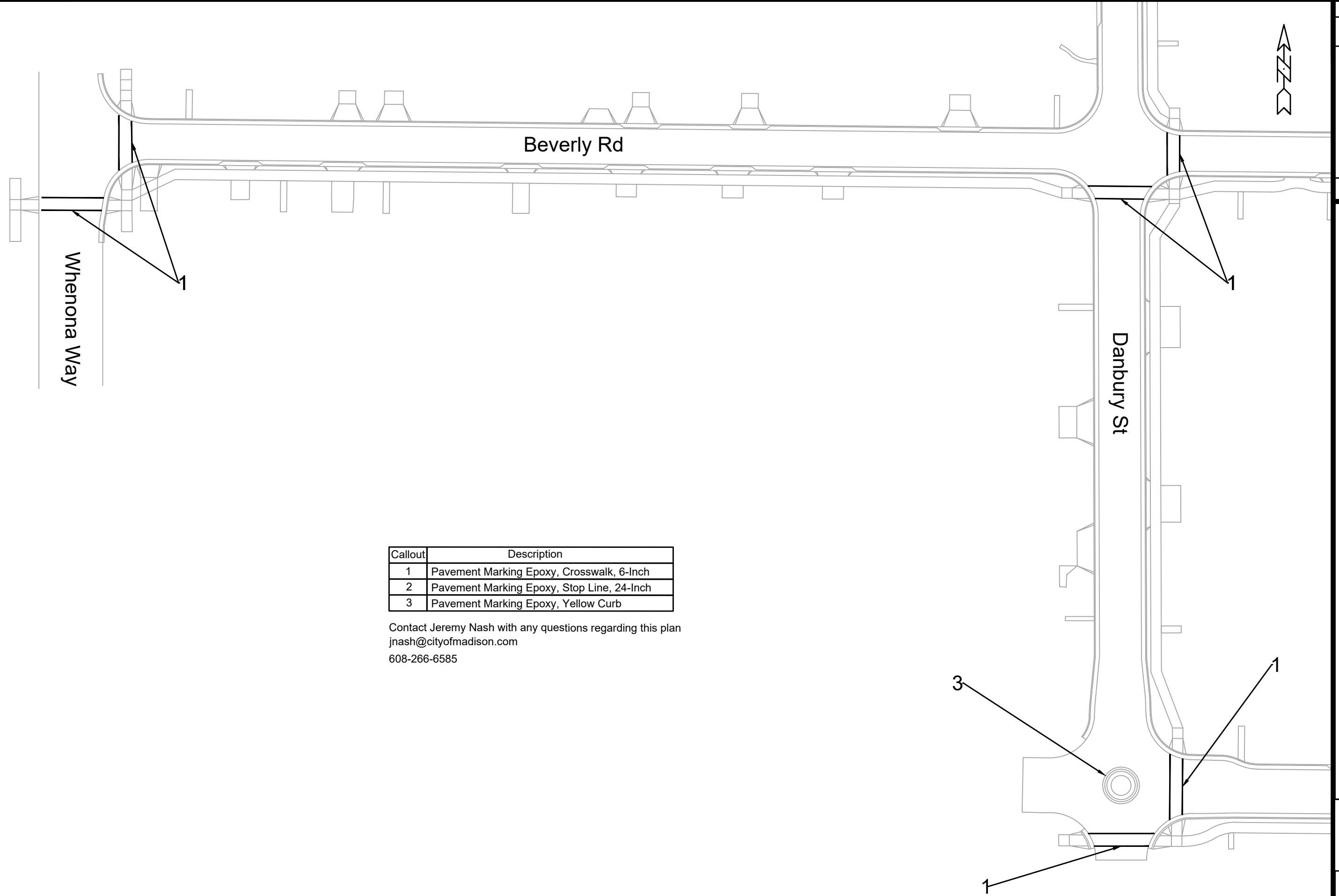
DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04
REVISED: 11/2022



14079	MADISON, WI	8709	W-5
WATER ESTIMATE OF MATERIALS		CONTRACT NO.:	
DONCASTER RD, BEVERLY DR, DANBURY DR RECONSTRUCTION		M:\DESIGN\Projects\14079\CAD\Water\14079WU-Materials.dwg	
CITY OF MADISON WISCONSIN		14079 W-5	



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

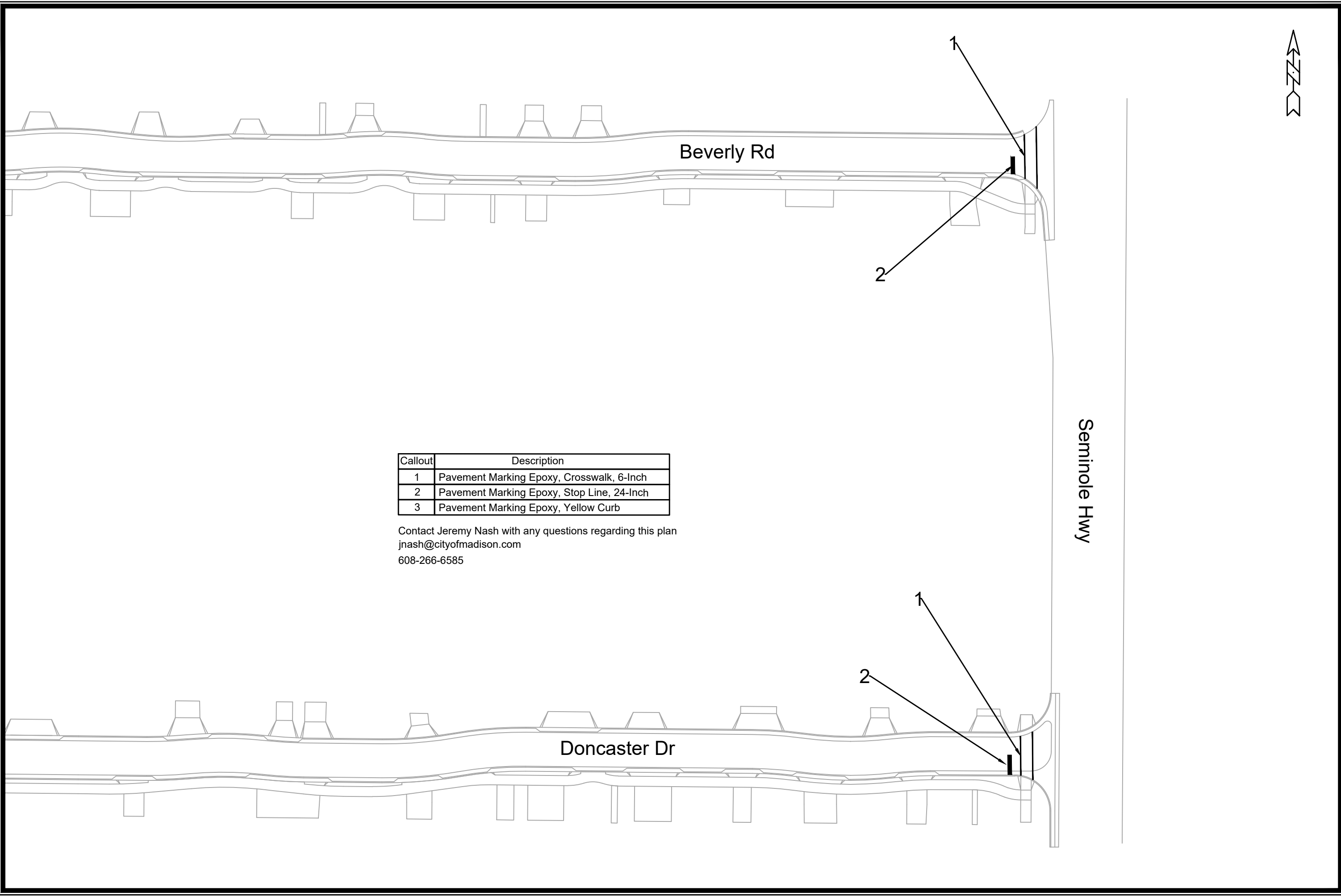
Contact Jeremy Nash with any questions regarding this plan
jnash@cityofmadison.com
608-266-6585

MARK	REVISION	DATE	BY
14079	5/6/2024	3:04 PM	Custom

14079
MADISON, WI
CONTRACT NO: 8709
PAVEMENT MARKING PLAN
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
PM - 1



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

NO.	DATE	BY

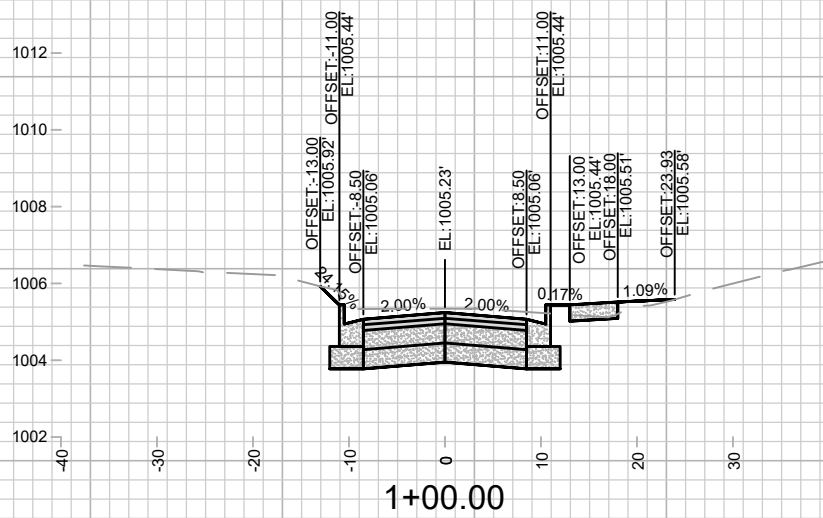
14079
 MADISON, WI
 8709
 CONTRACT NO:

PAVEMENT MARKING PLAN
 DONCASTER BEVERLY DANBURY RECONSTRUCTION
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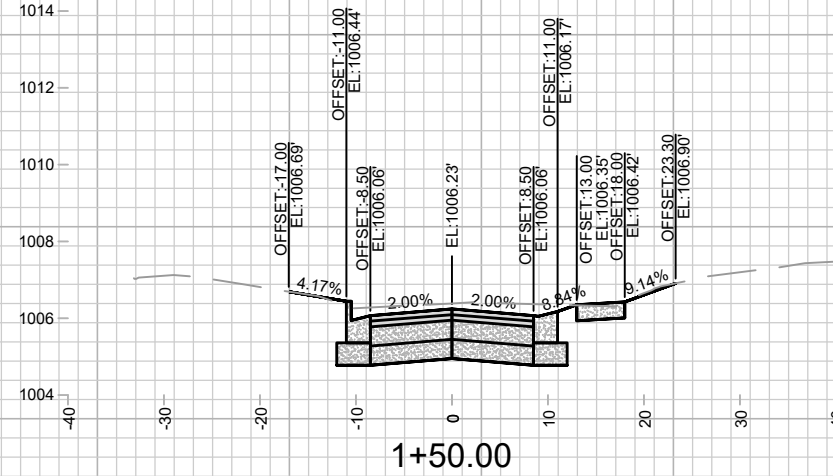


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 PM - 2

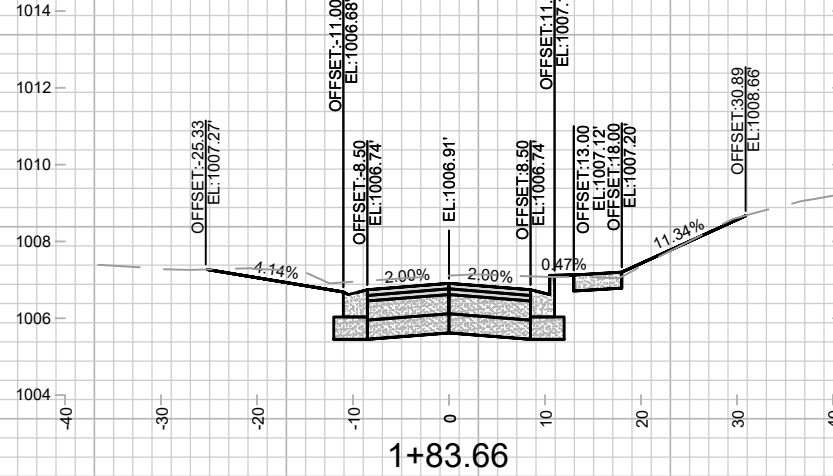
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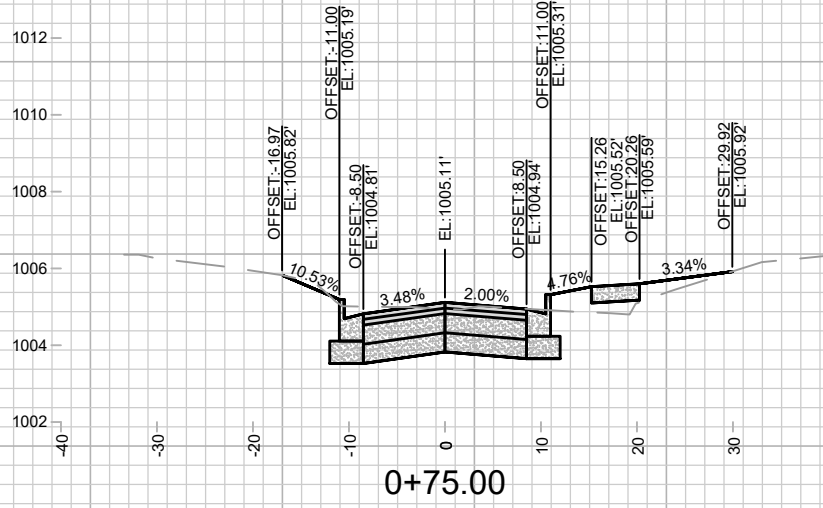
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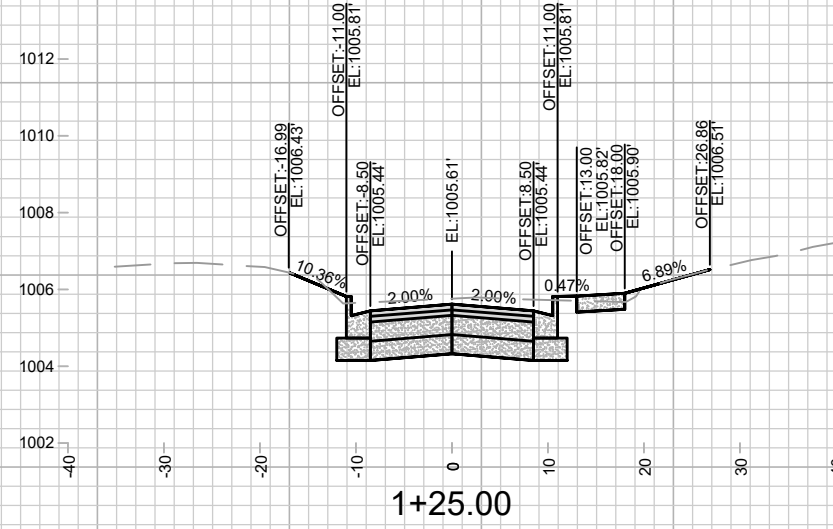
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DWY RT



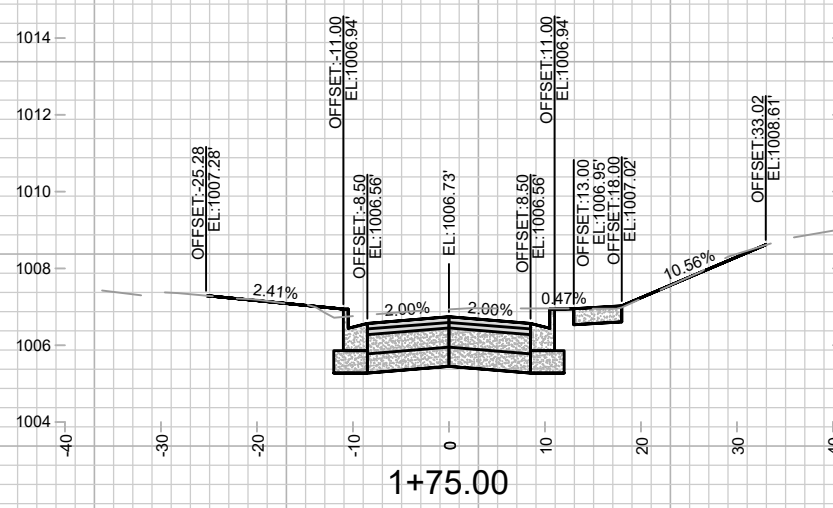
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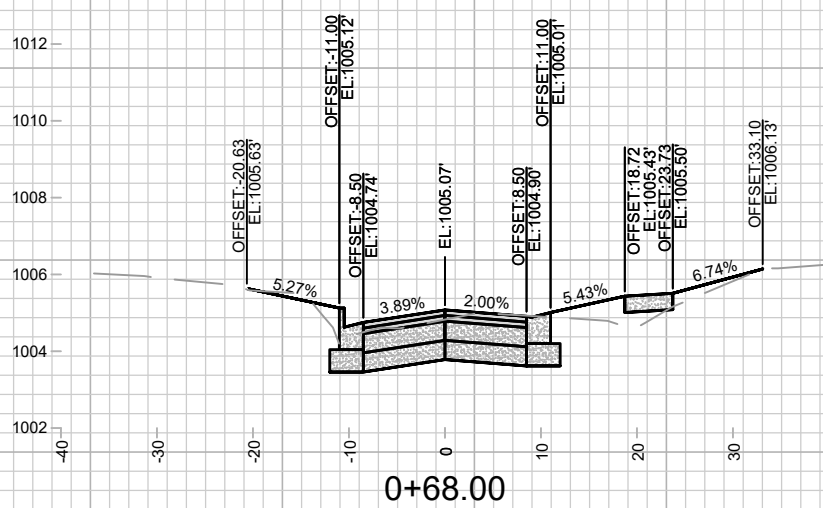
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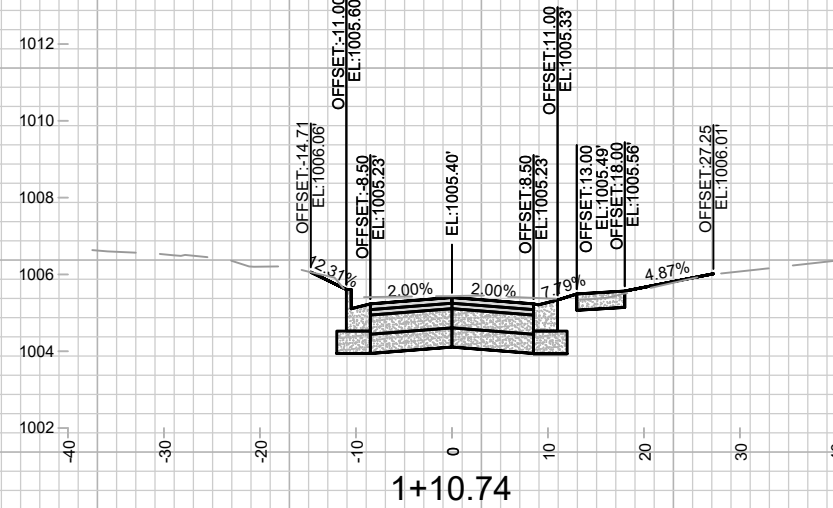
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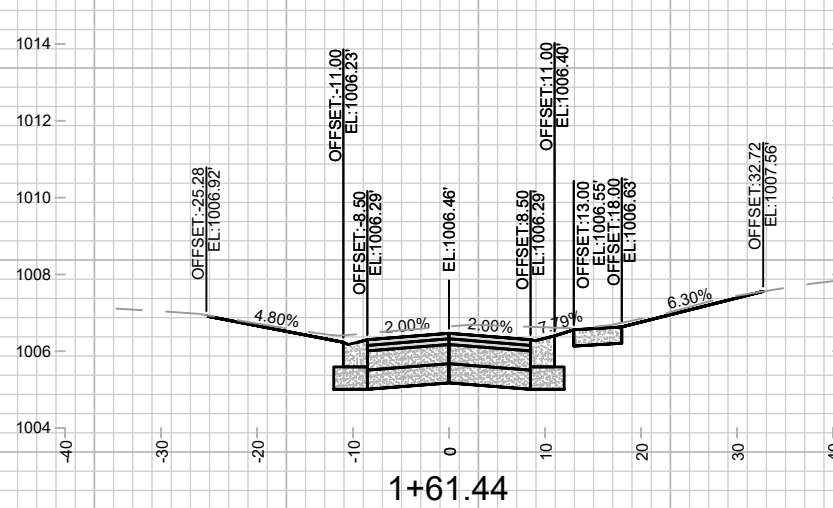
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0+68.00
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1+10.74
DWY RT



1+61.44
DWY LT & RT

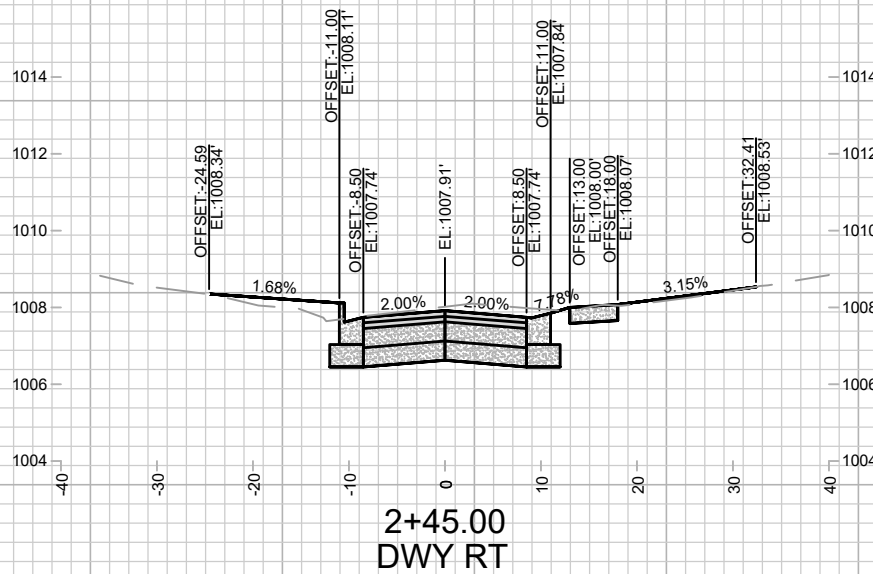
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14079
MADISON, WI
8709

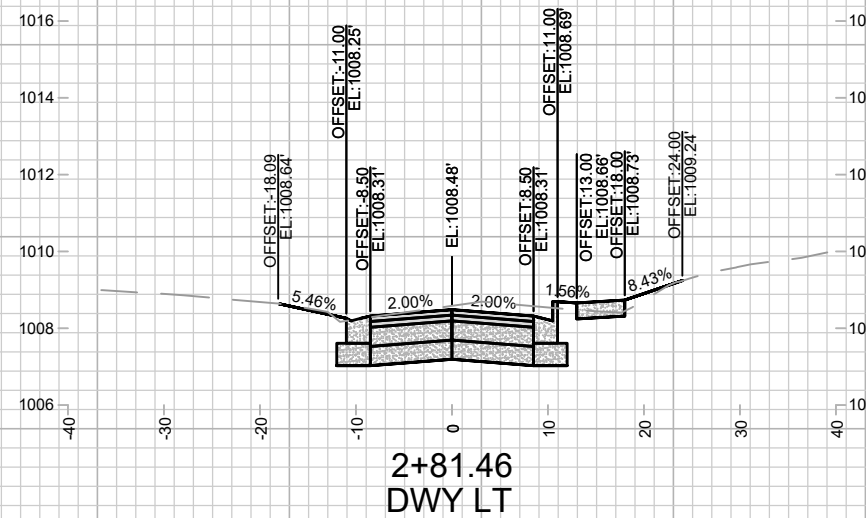
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DONCASTER BEVERLY DANBURY RECONSTRUCTION
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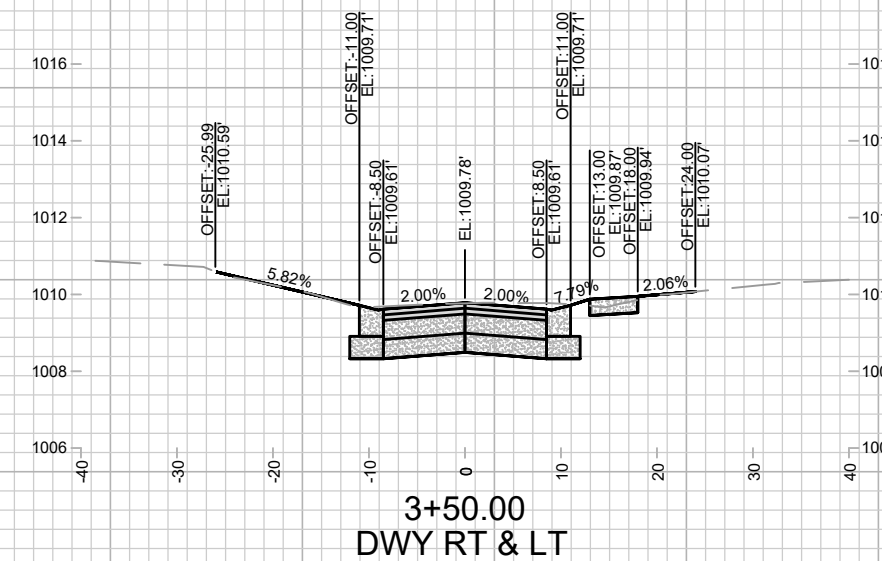
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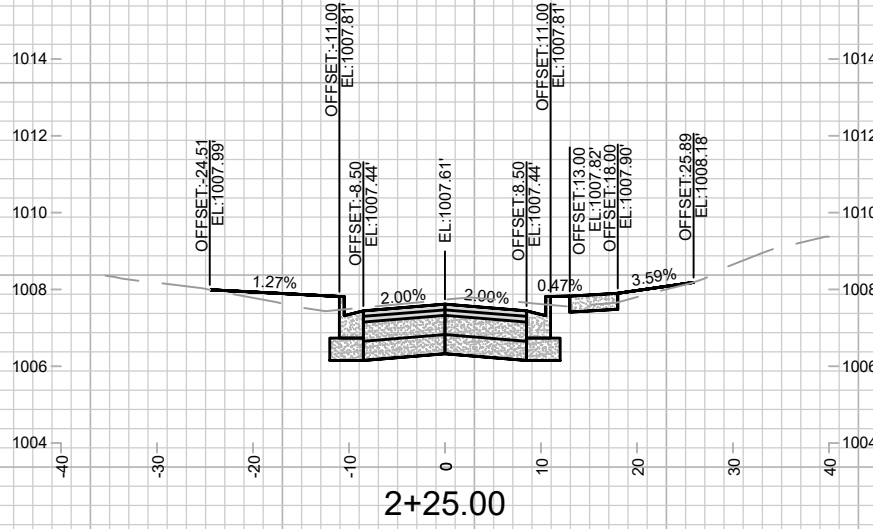
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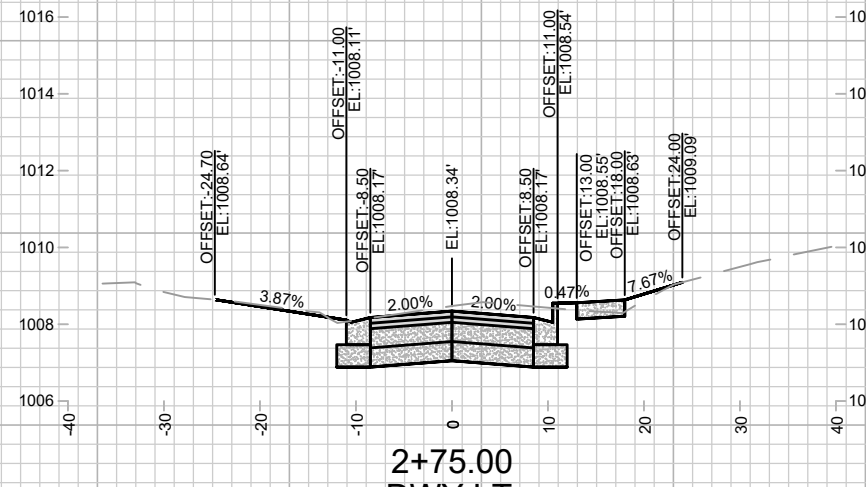
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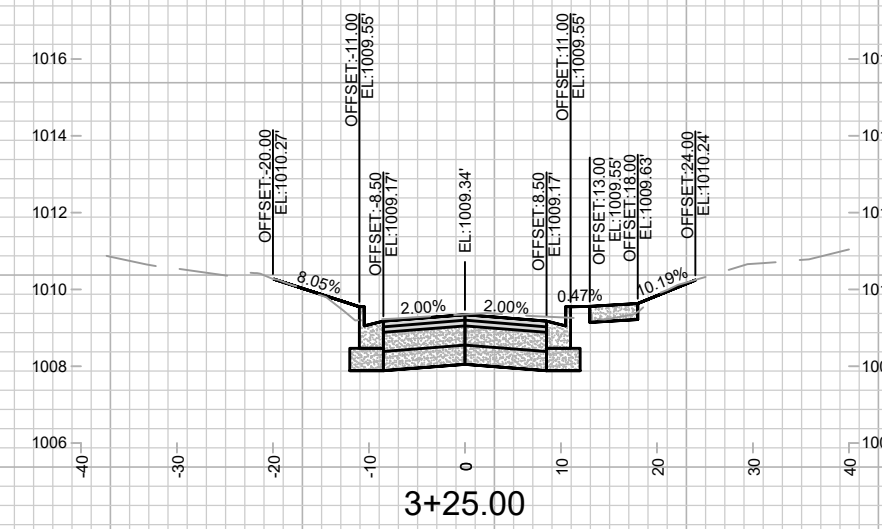
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DWY RT & LT



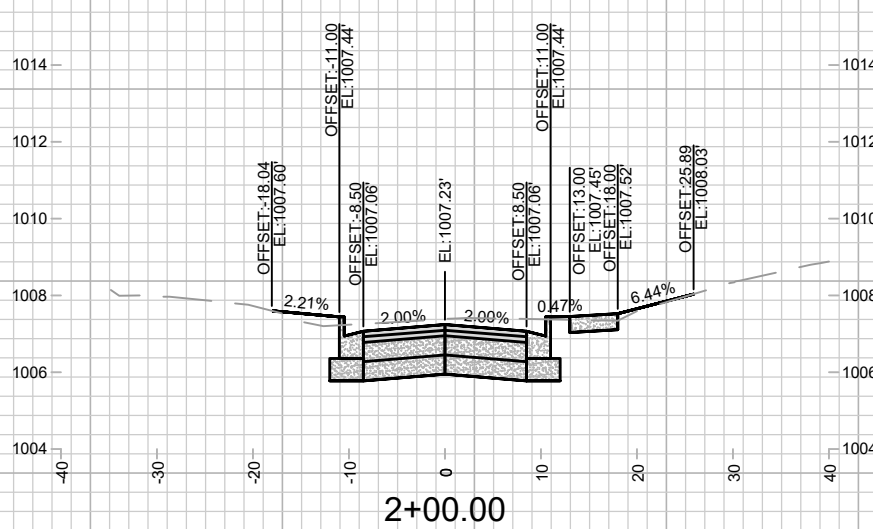
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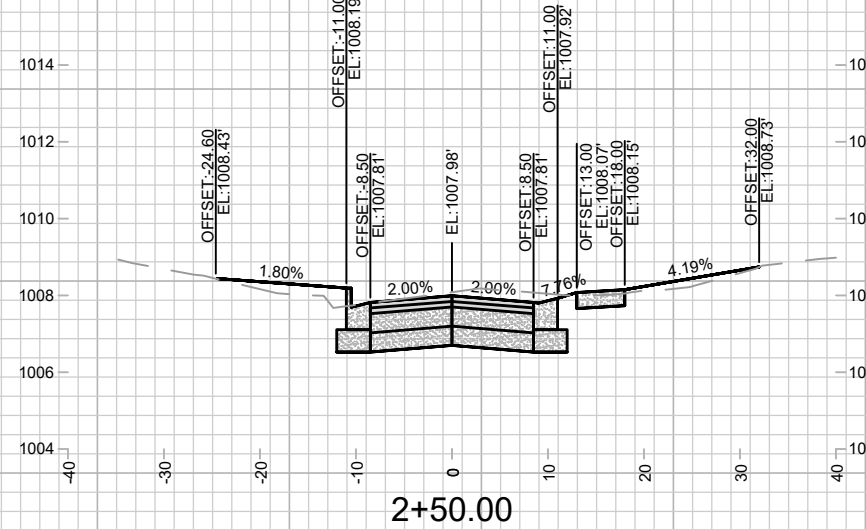
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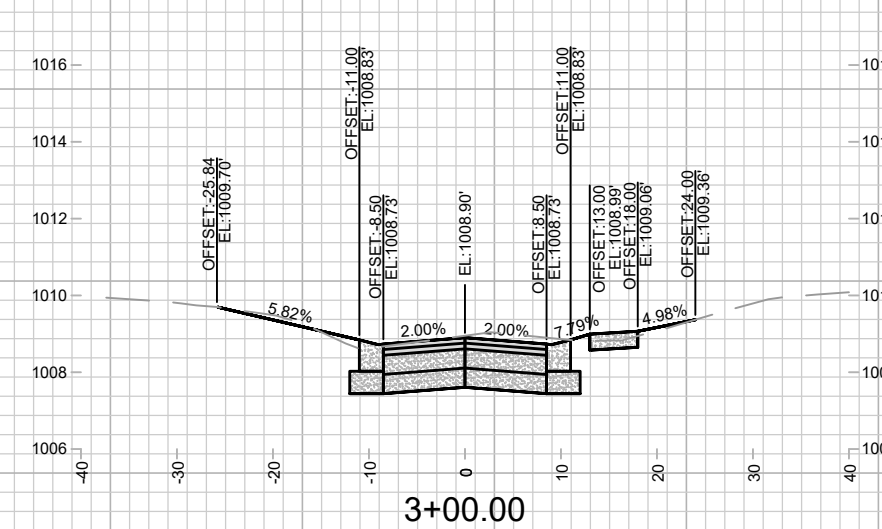
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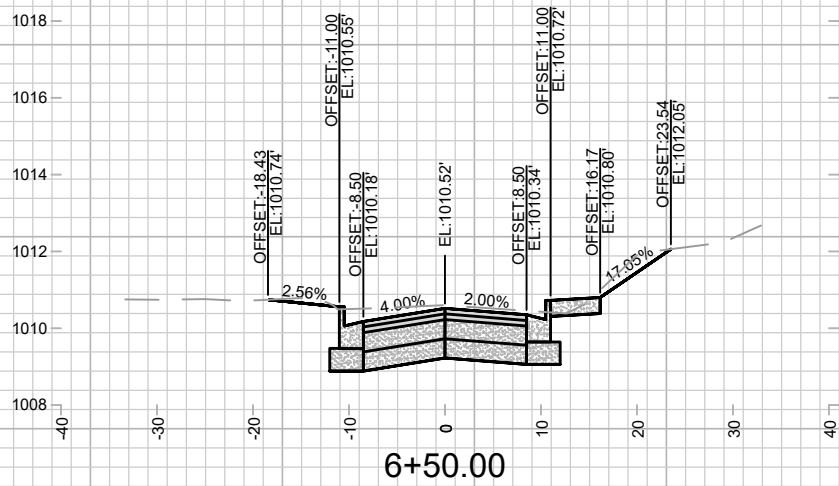
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MADISON, WI
8709
CONTRACT NO.:

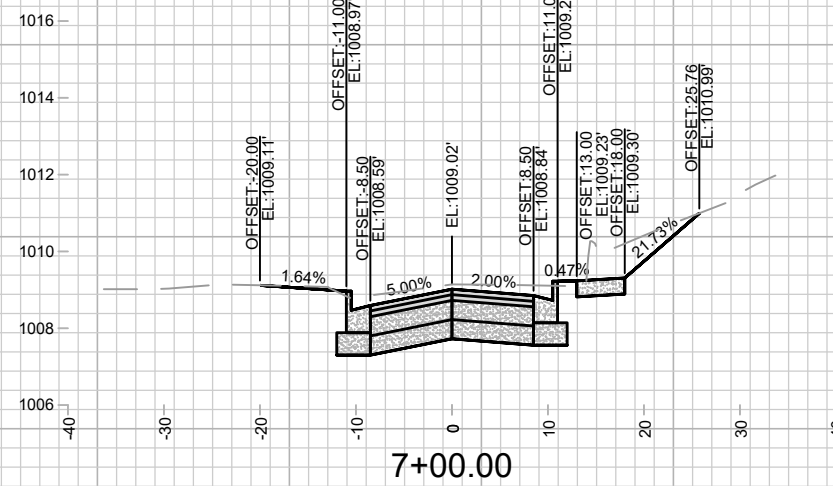
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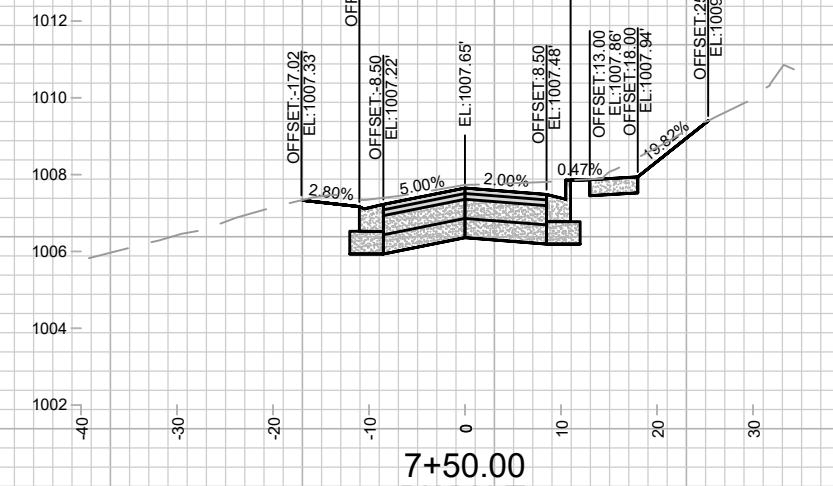
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X-2



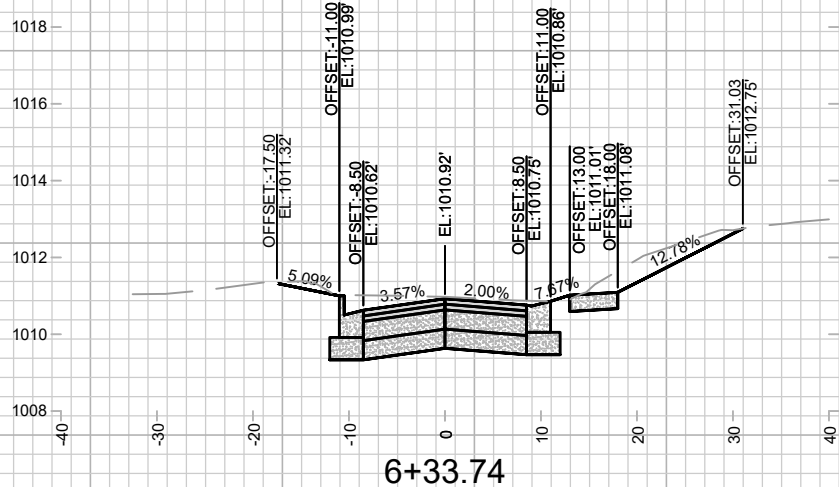
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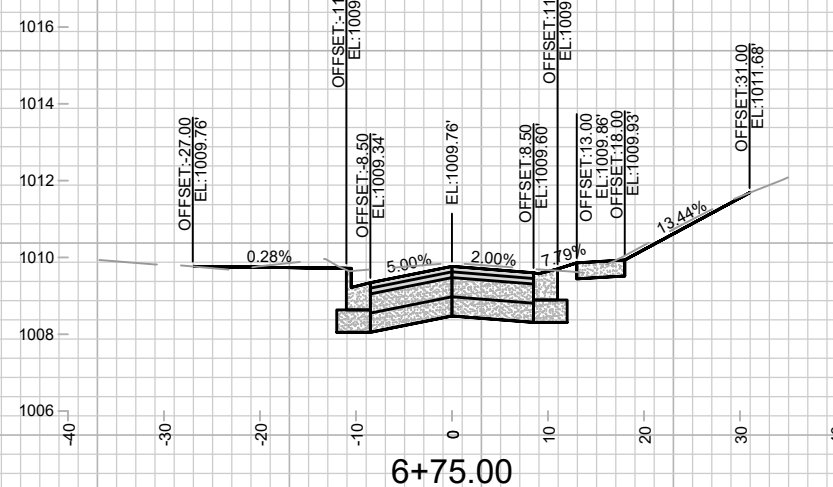
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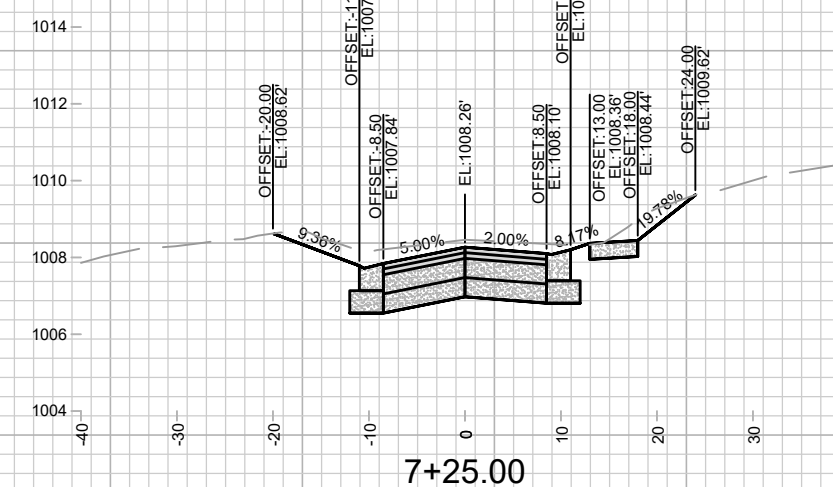
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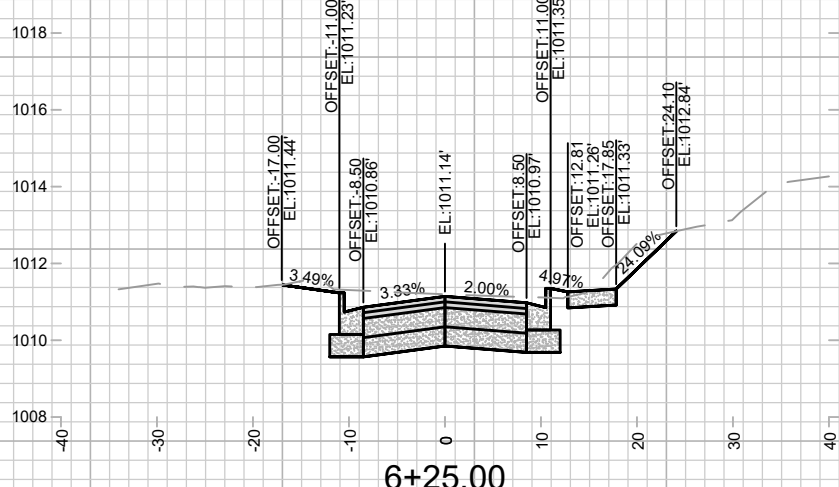
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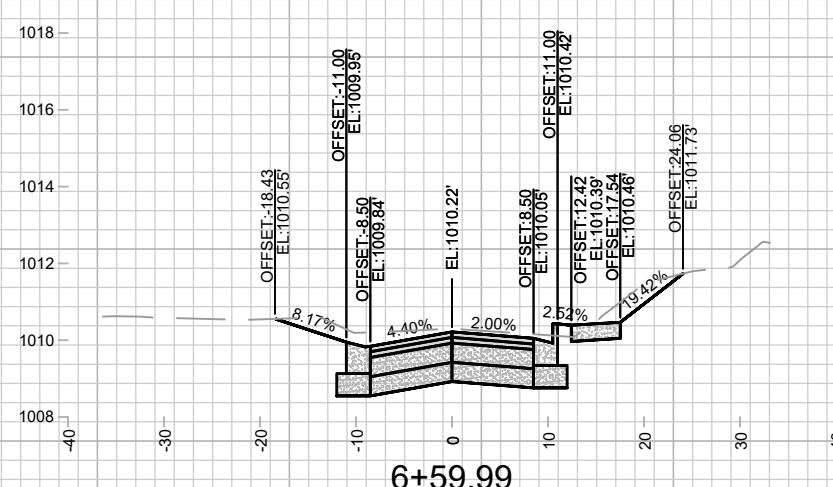
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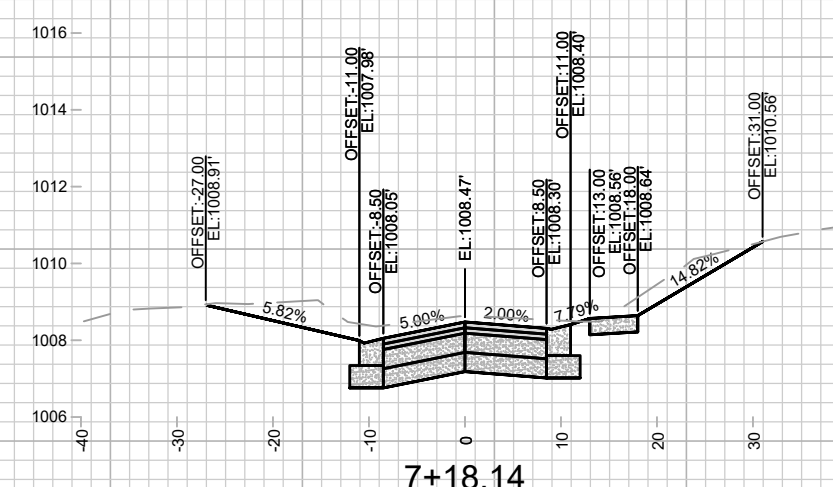
7+25.00
DWY RT & LT



6+25.00



6+59.99
DWY LT



7+18.14
DWY RT & LT

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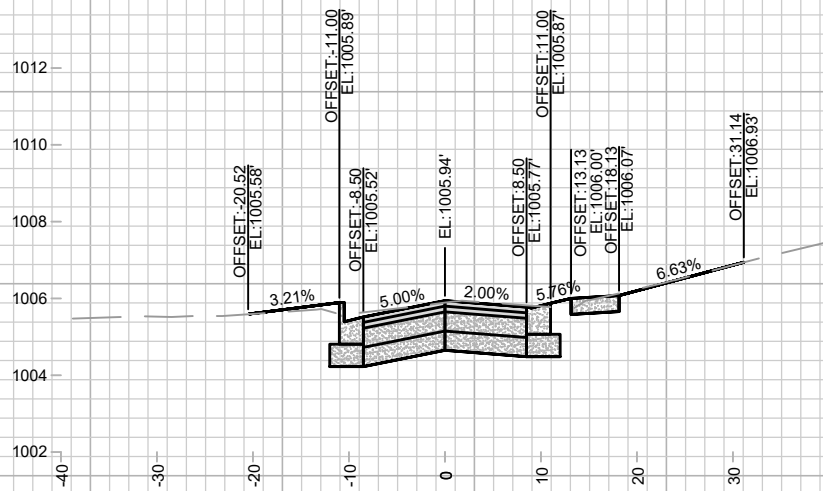
14079
MADISON, WI
8709

CROSS SECTIONS - BEVERLY ROAD
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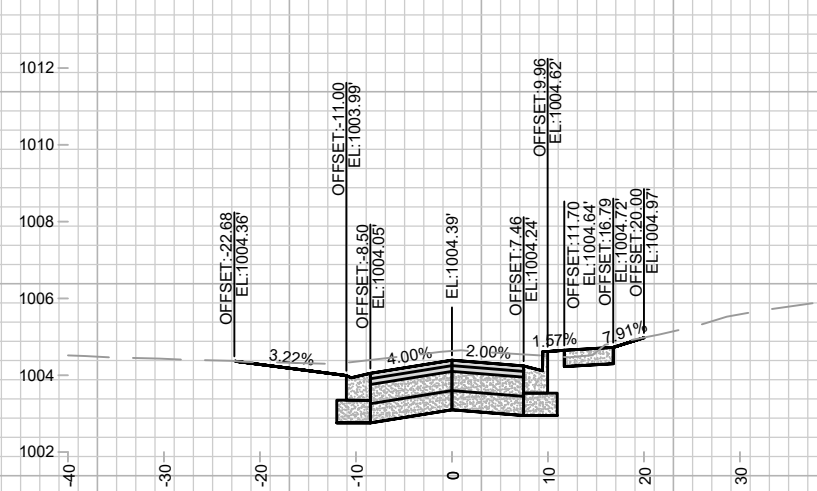


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X-4

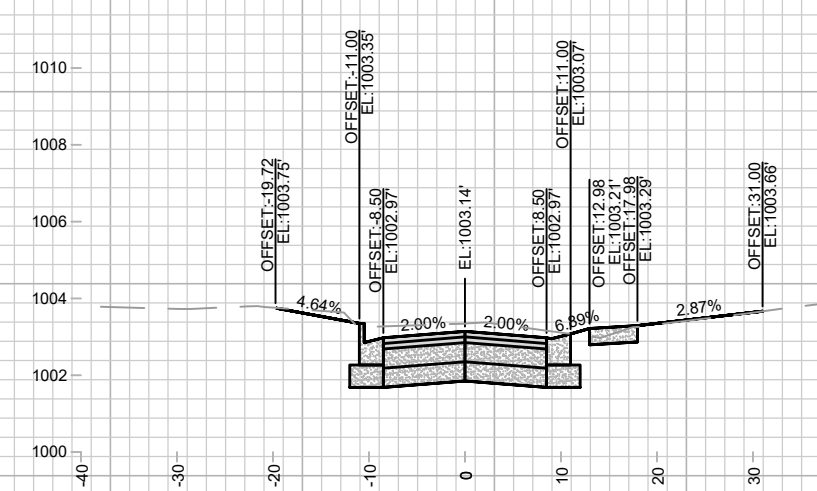
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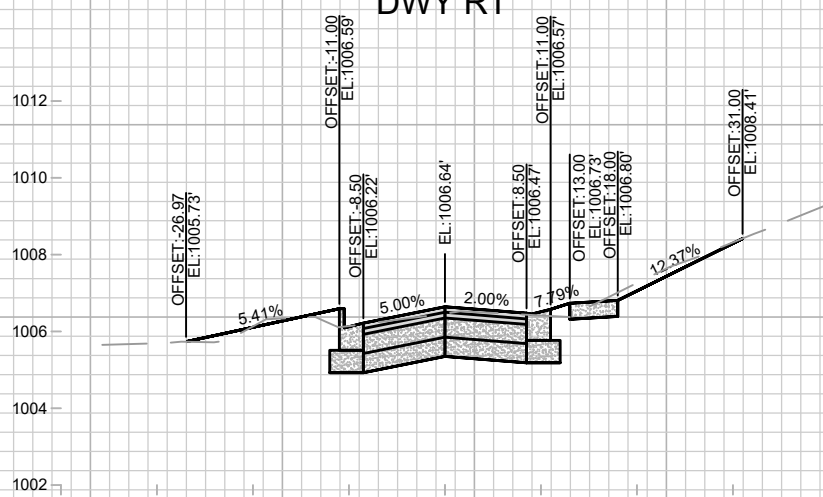
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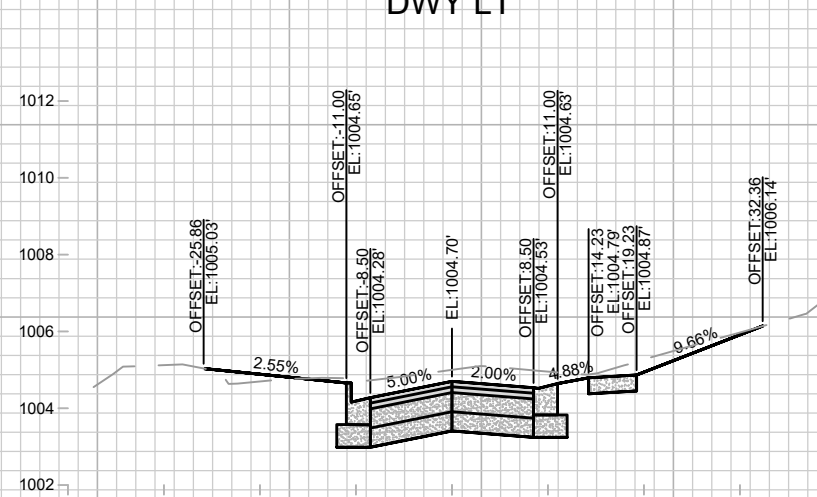
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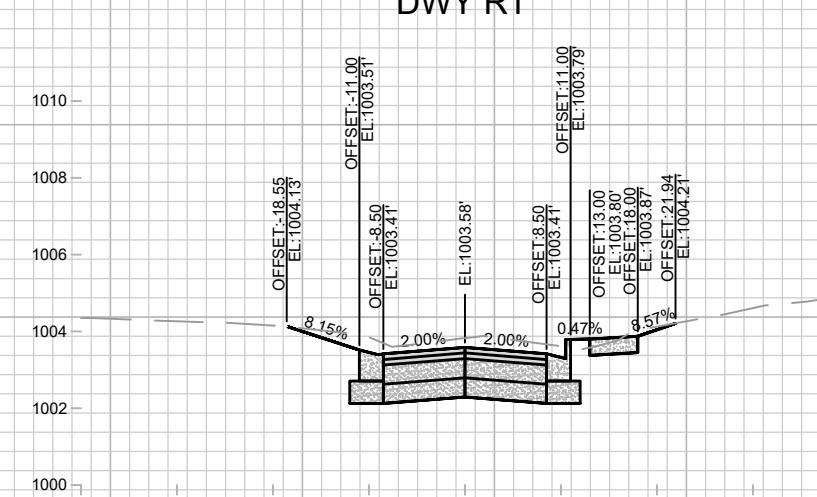
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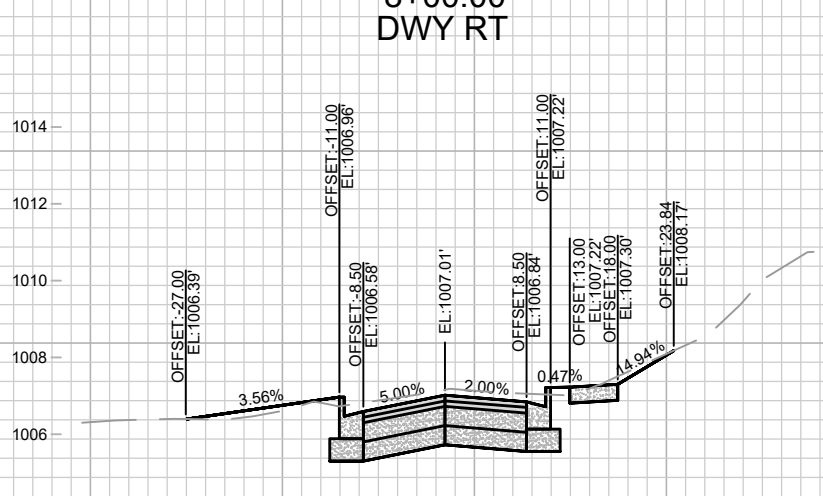
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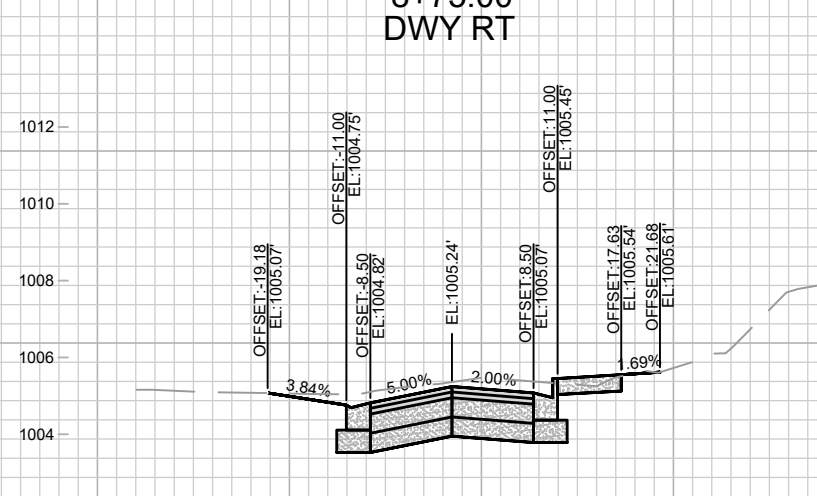
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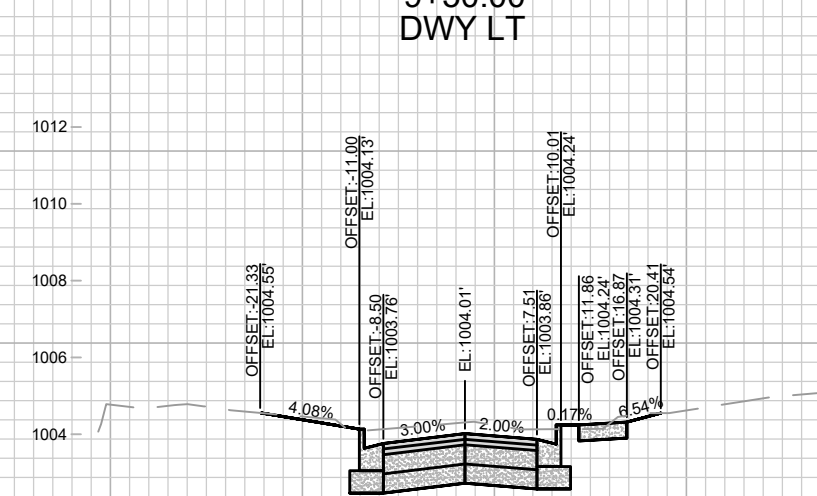
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7+75.00




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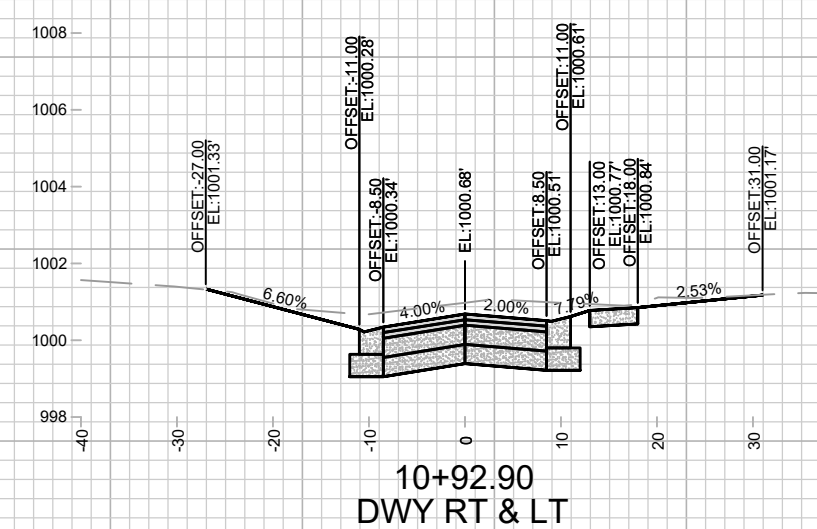
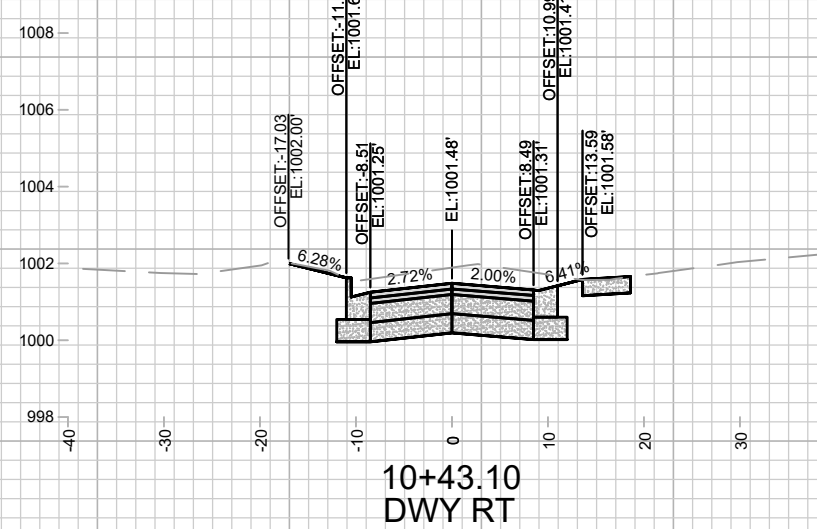
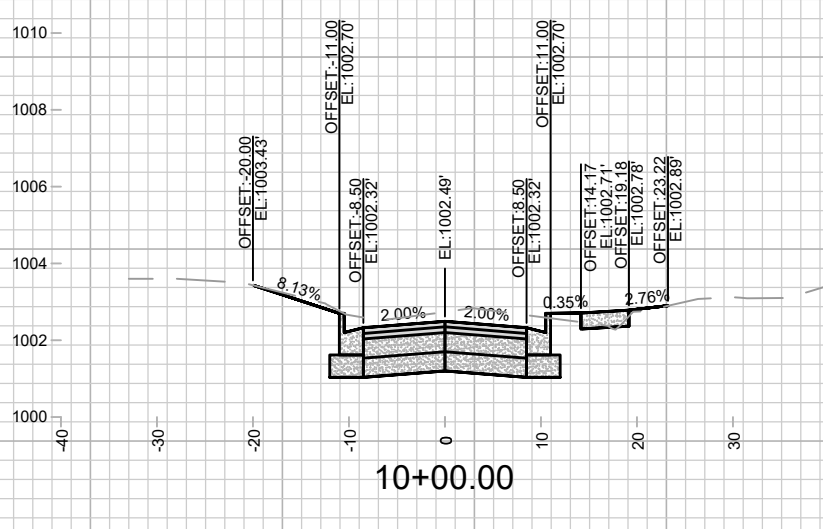
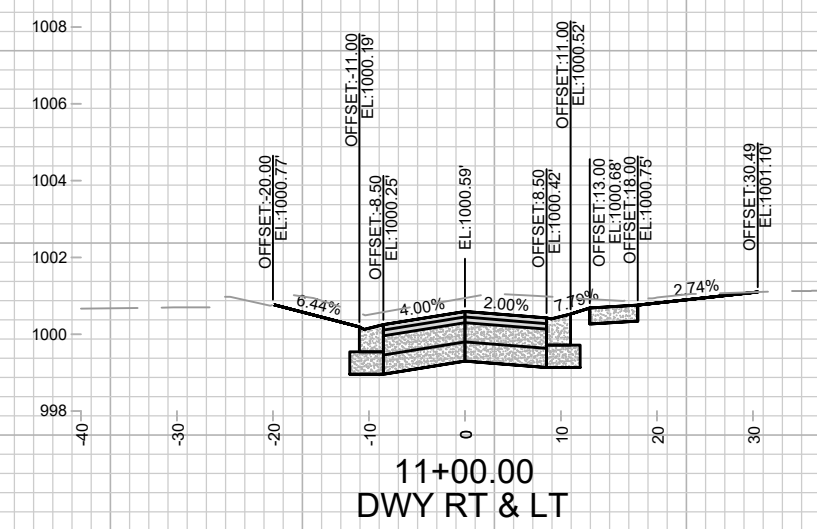
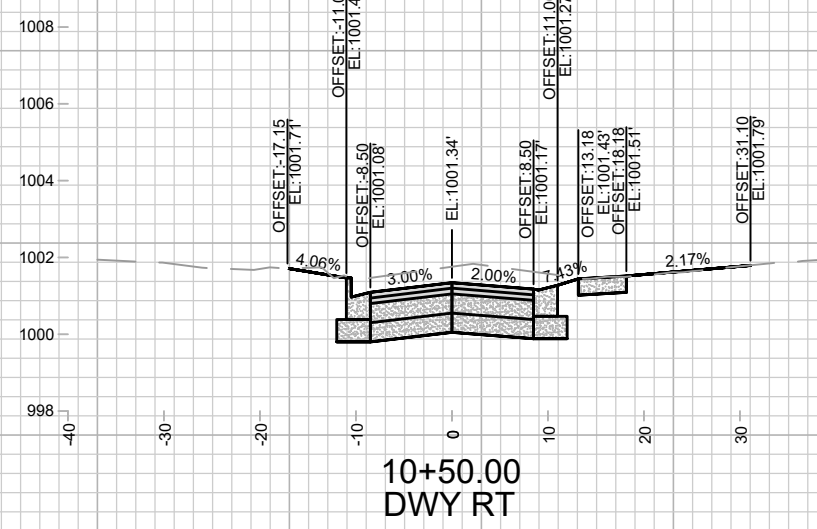
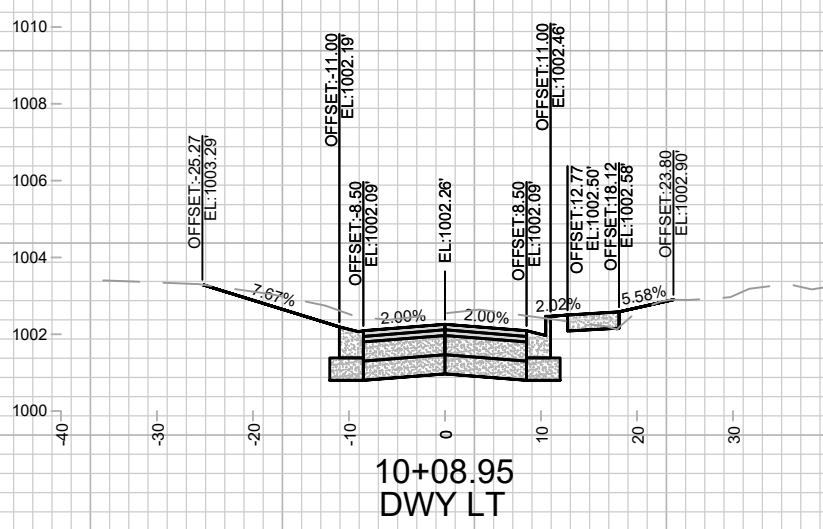
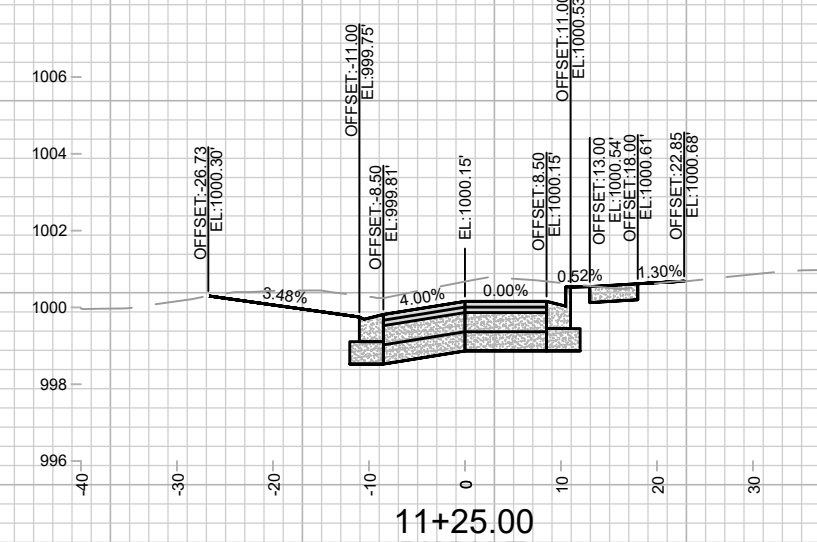
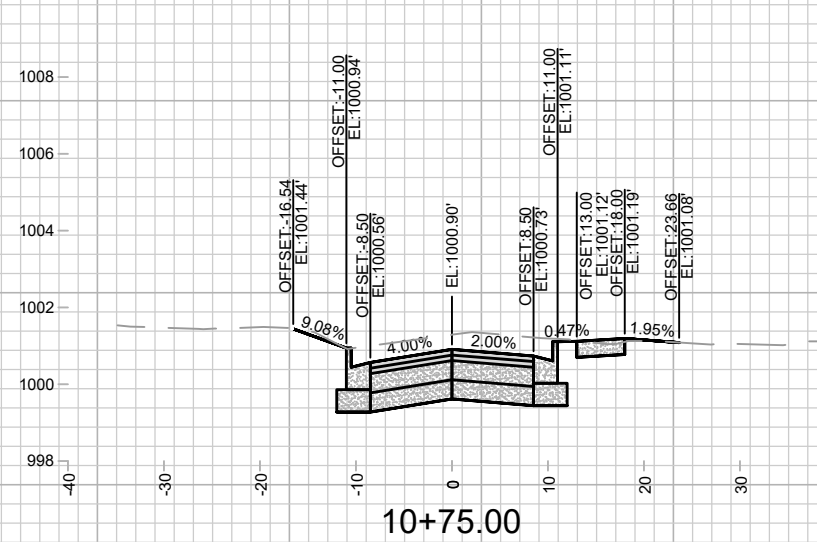
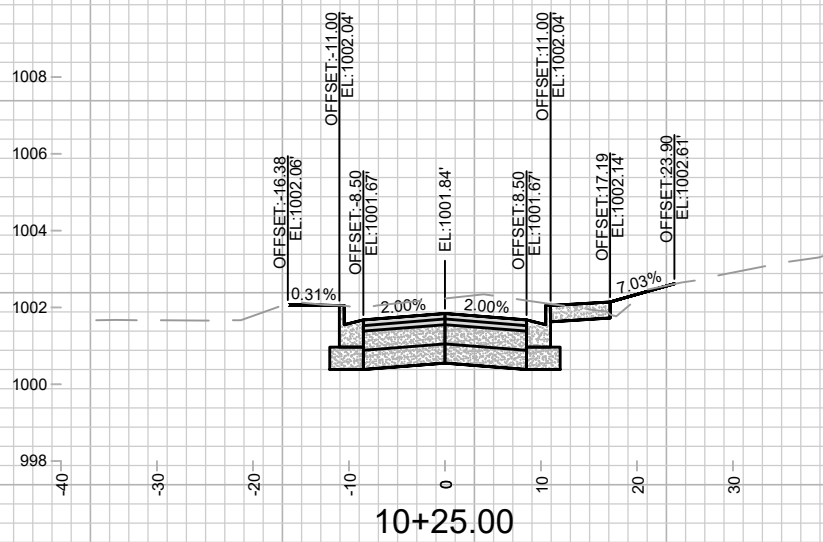
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MADISON, WI
DONCASTER BEVERLY DANBURY RECONSTRUCTION
CONTRACT NO.: 8709
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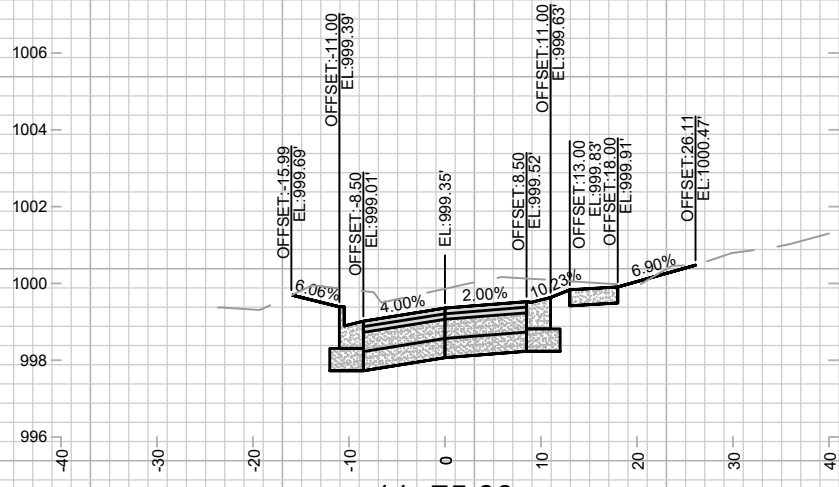


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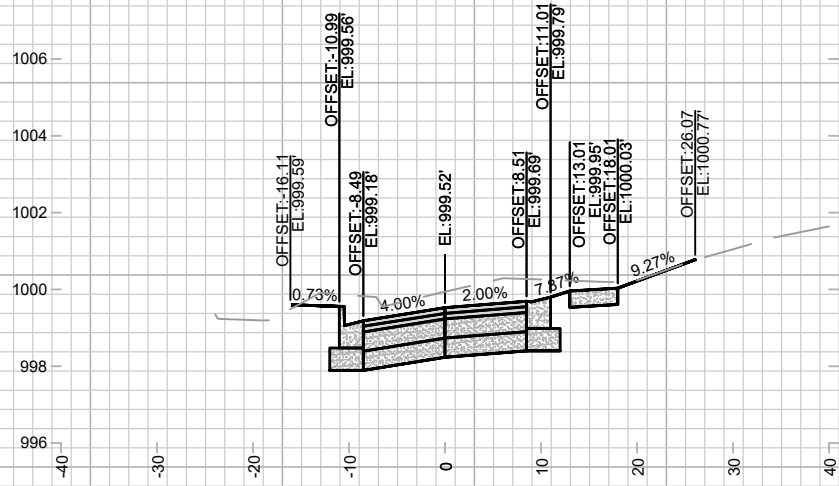
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14079
MADISON, WI
CONTRACT NO.: 8709

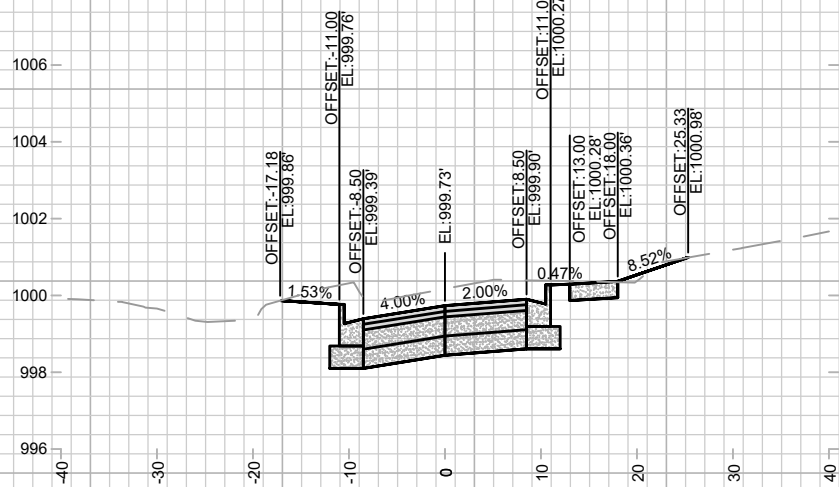
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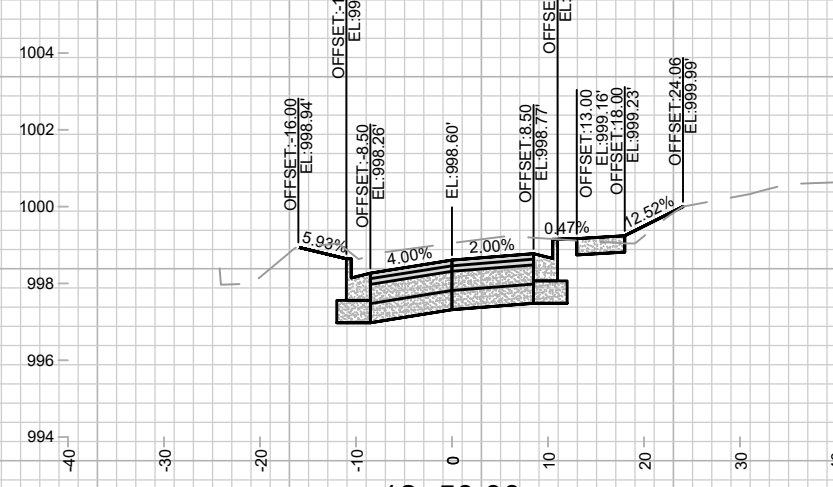
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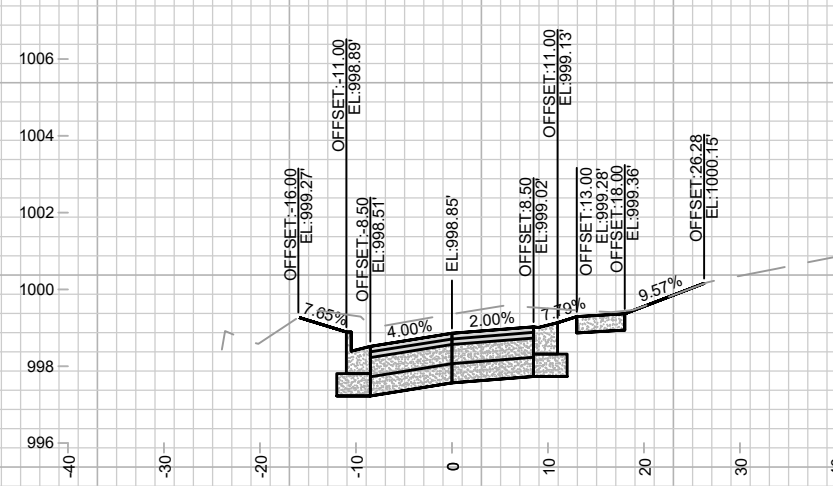
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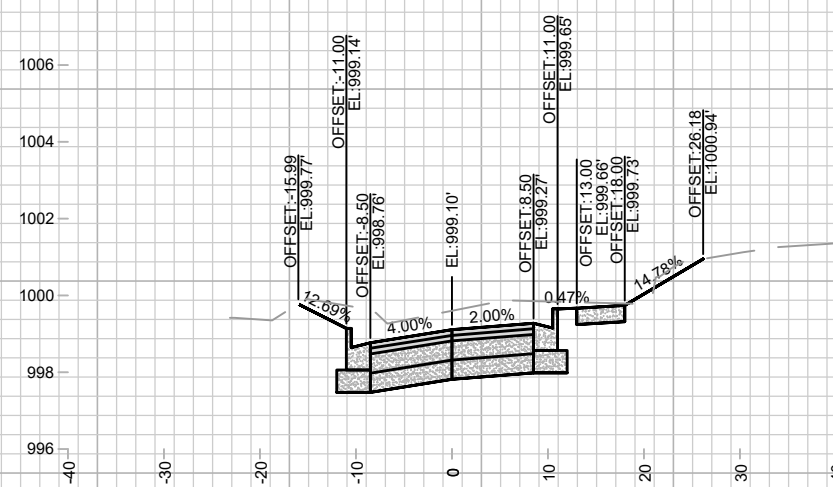
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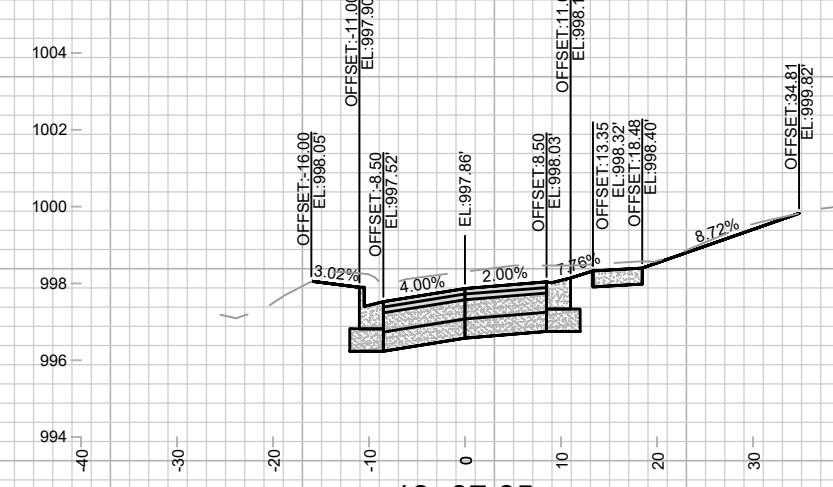
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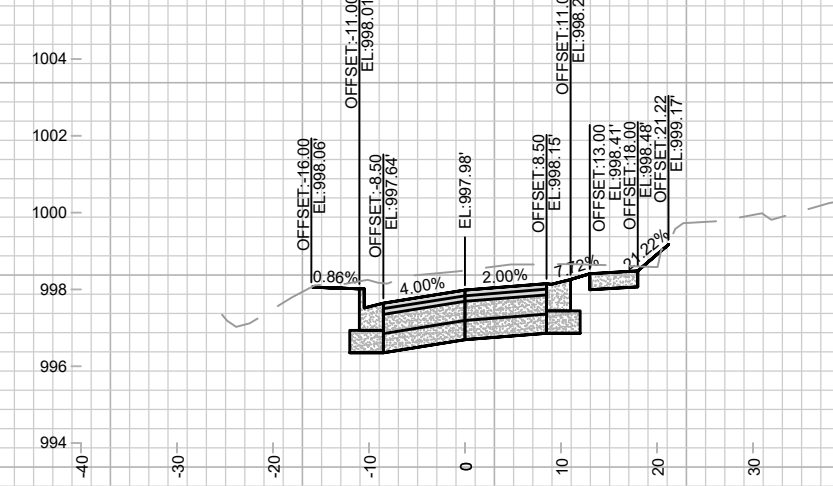
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DWY RT



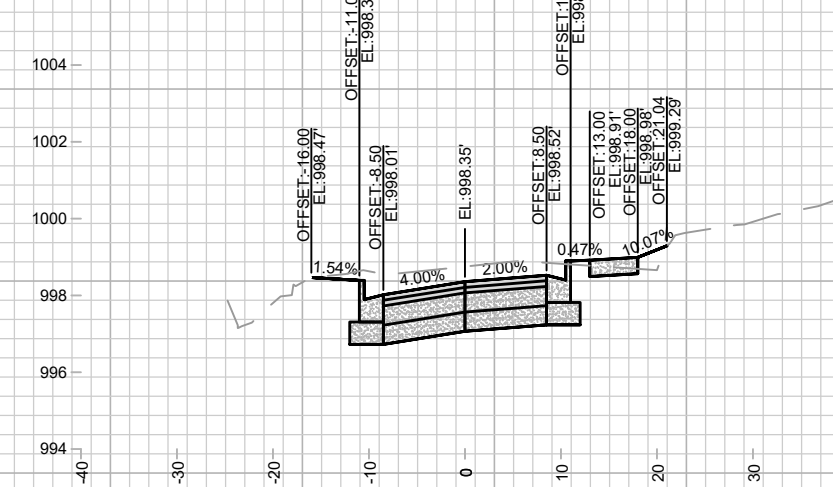
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DWY RT



13+07.65
DWY RT



13+00.00
DWY RT



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DWY RT

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14079 Scale: 1" = 20'

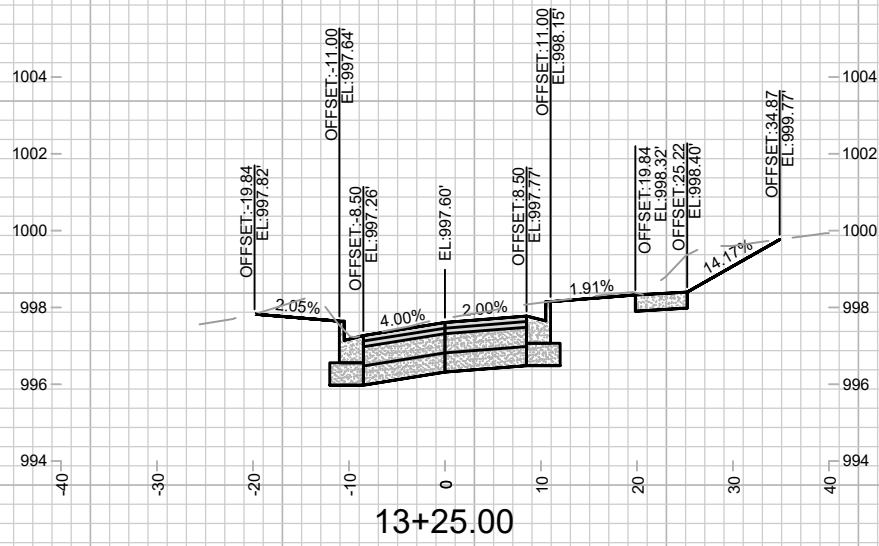
14079
MADISON, WI
8709

CROSS SECTIONS - BEVERLY ROAD
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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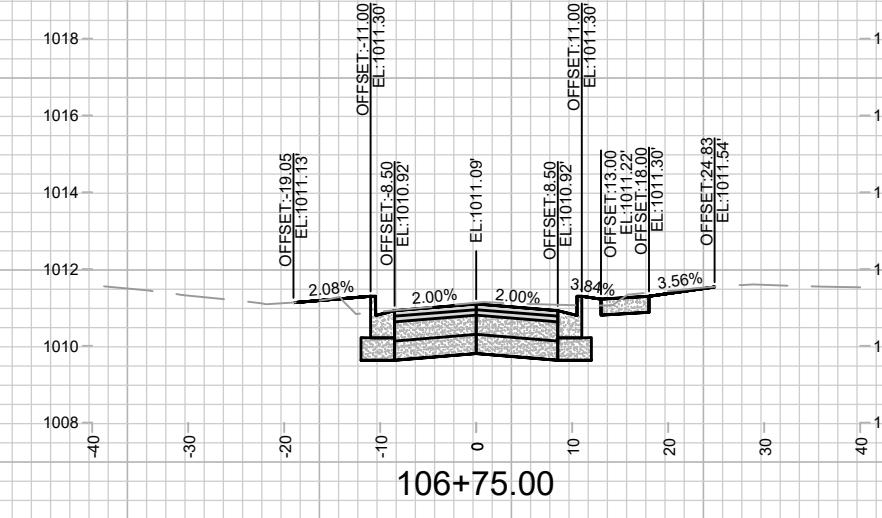
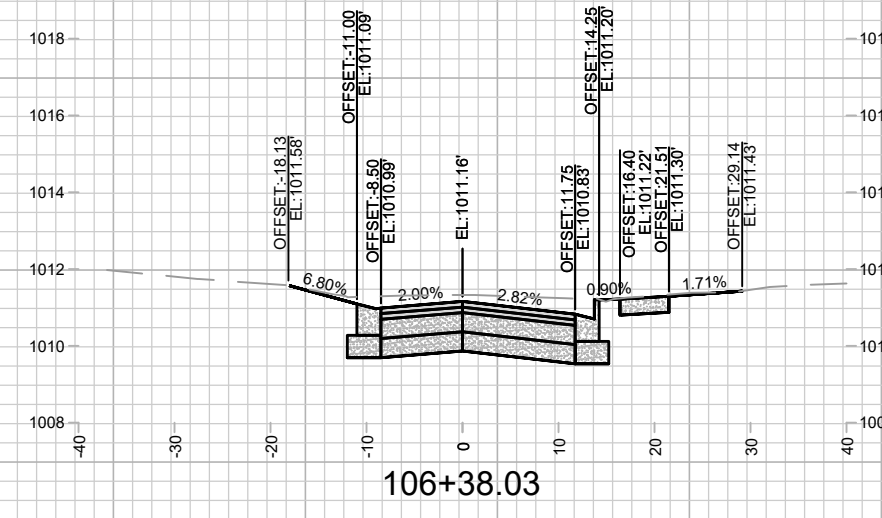
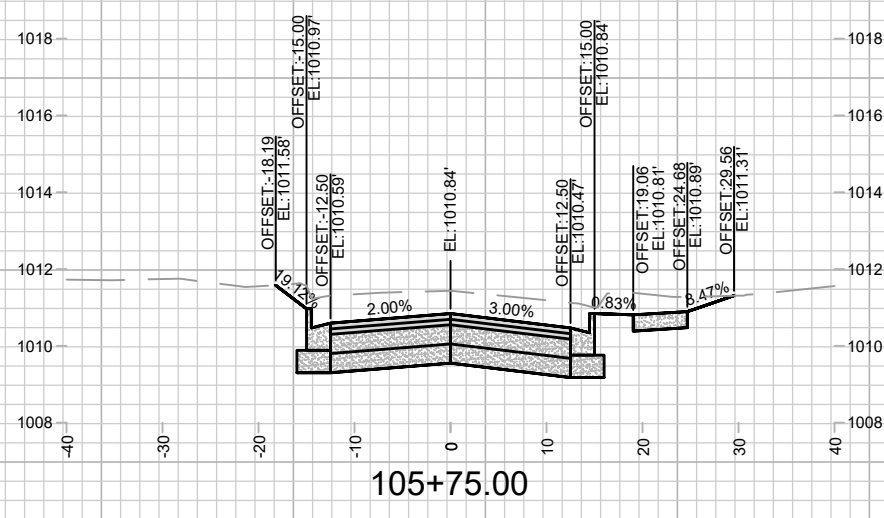
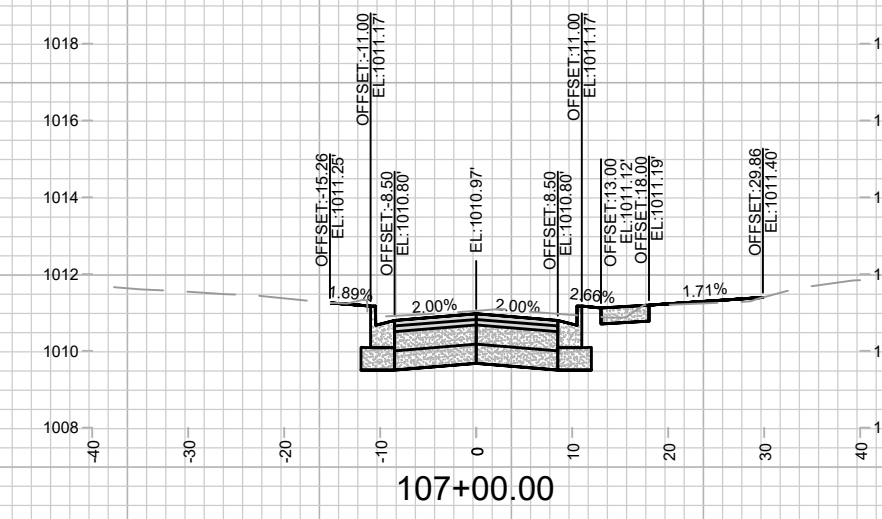
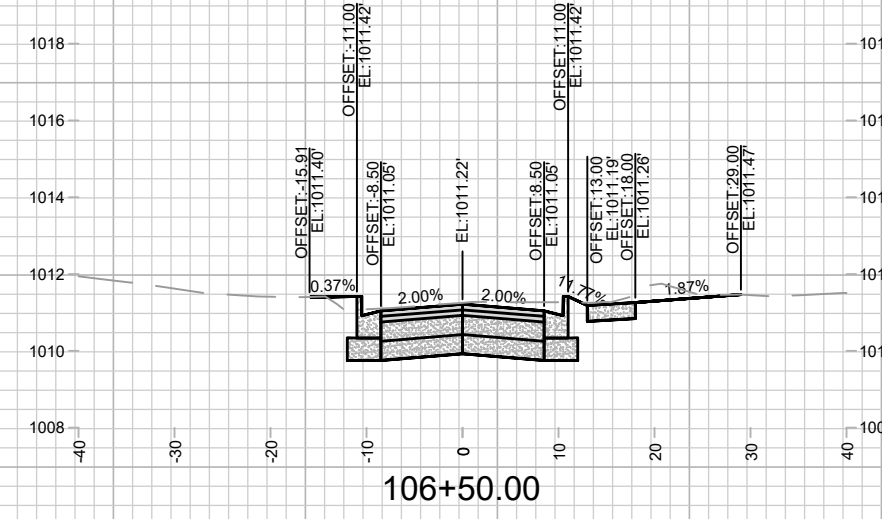
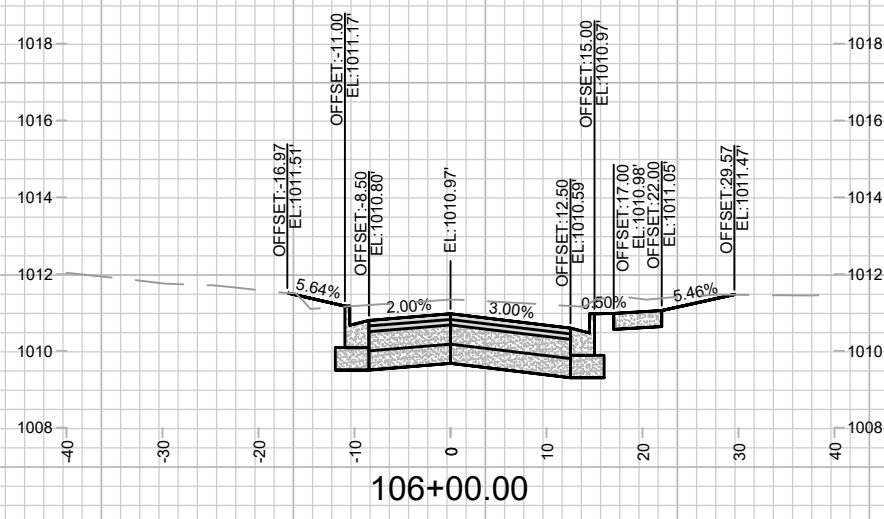
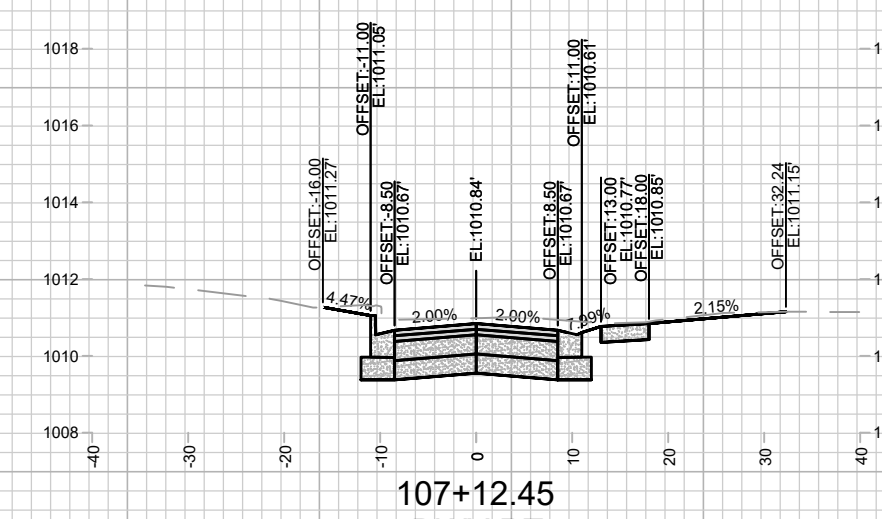
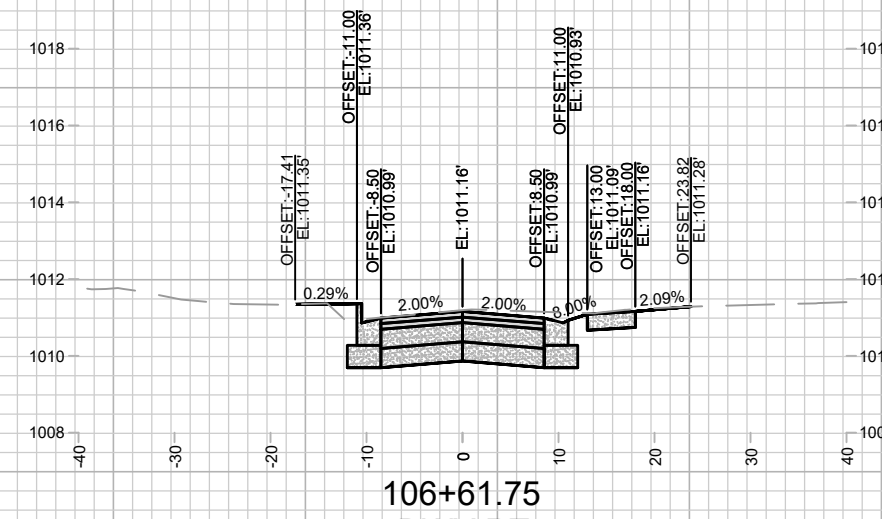
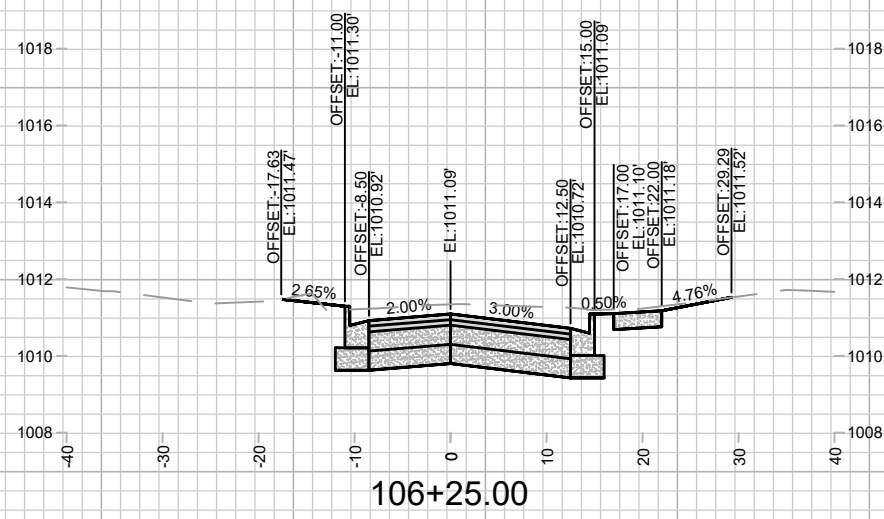
14079
X-8

CROSS SECTIONS - BEVERLY ROAD
DONCASTER BEVERLY DANBURY RECONSTRUCTION

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MADISON, WI
8709

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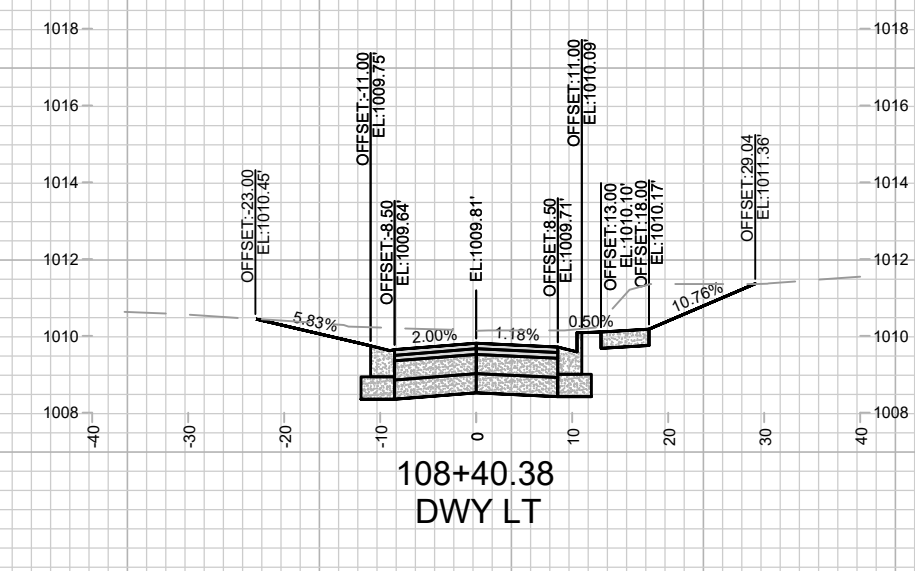
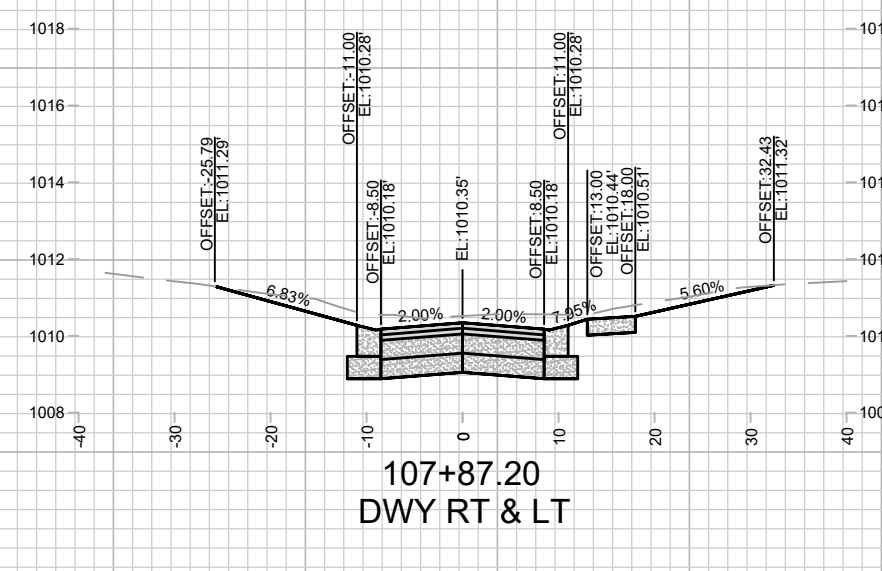
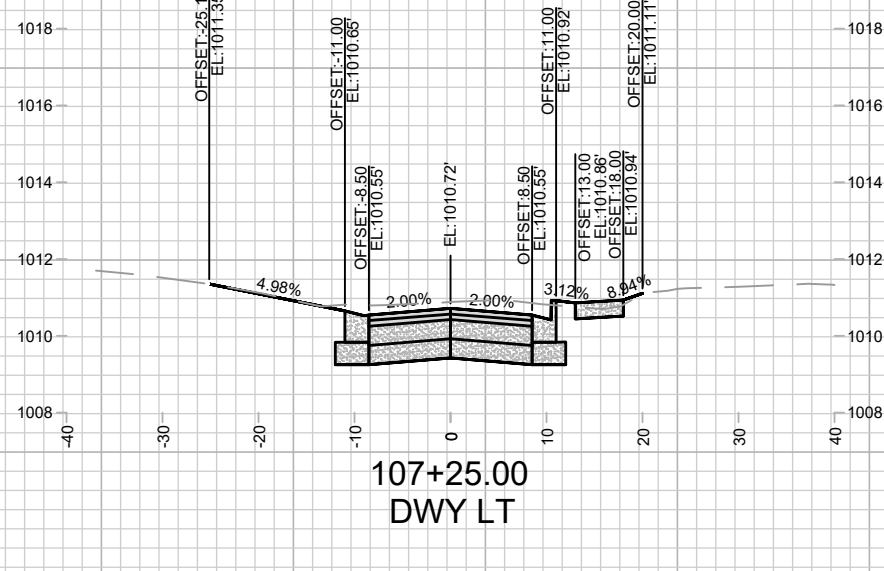
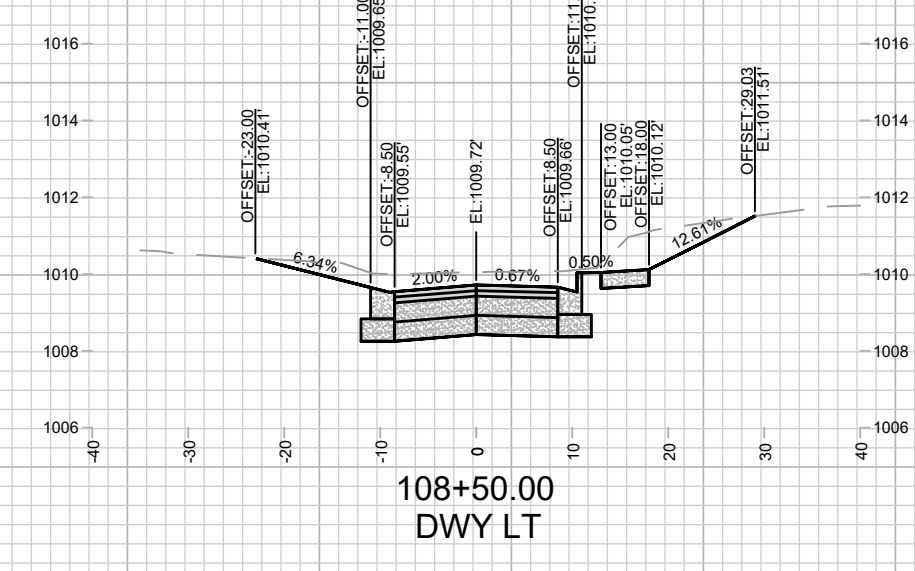
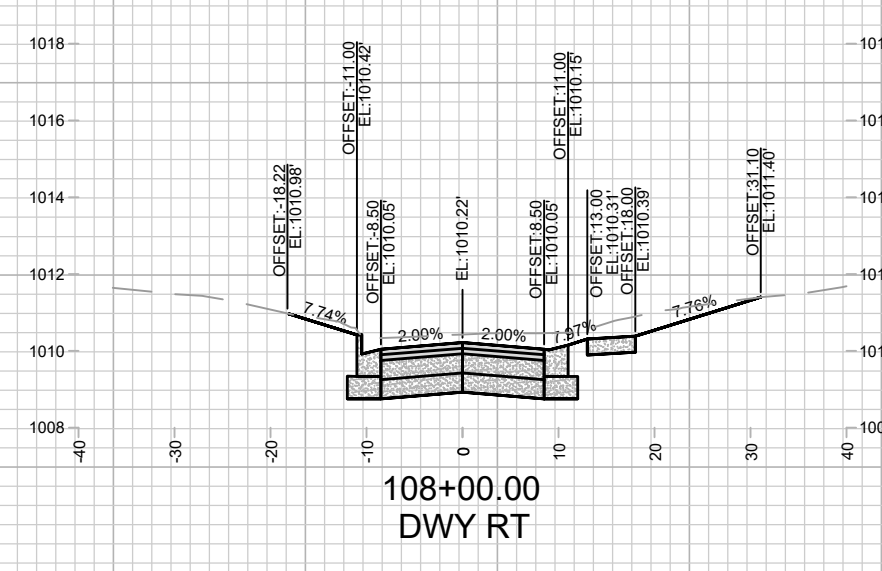
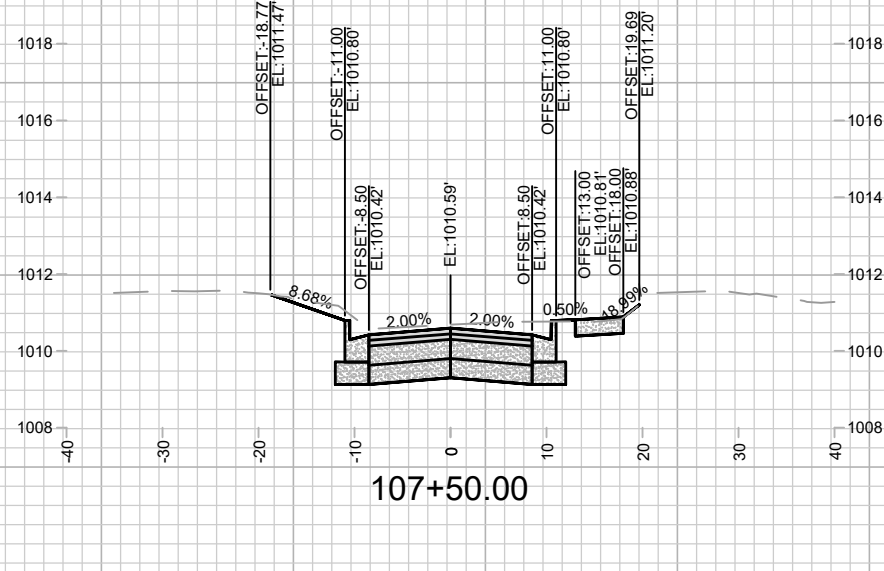
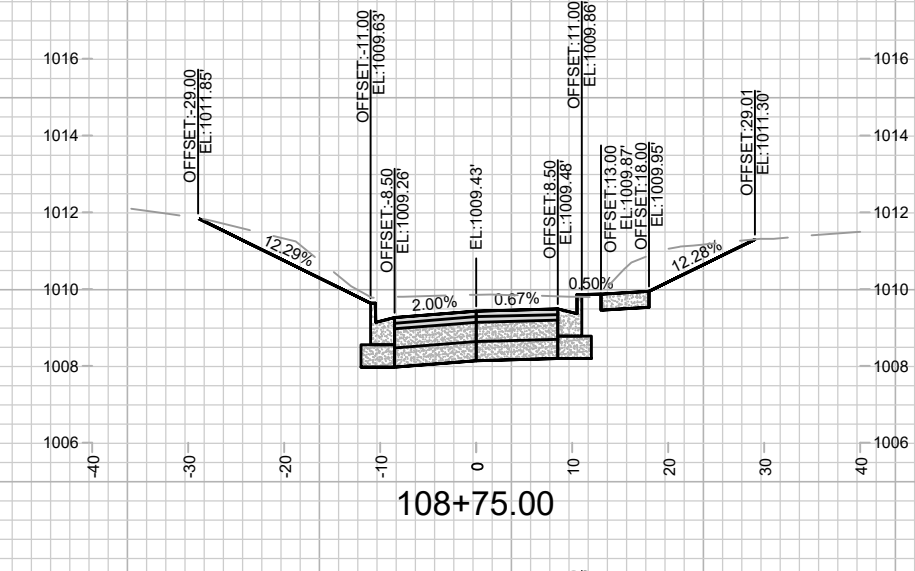
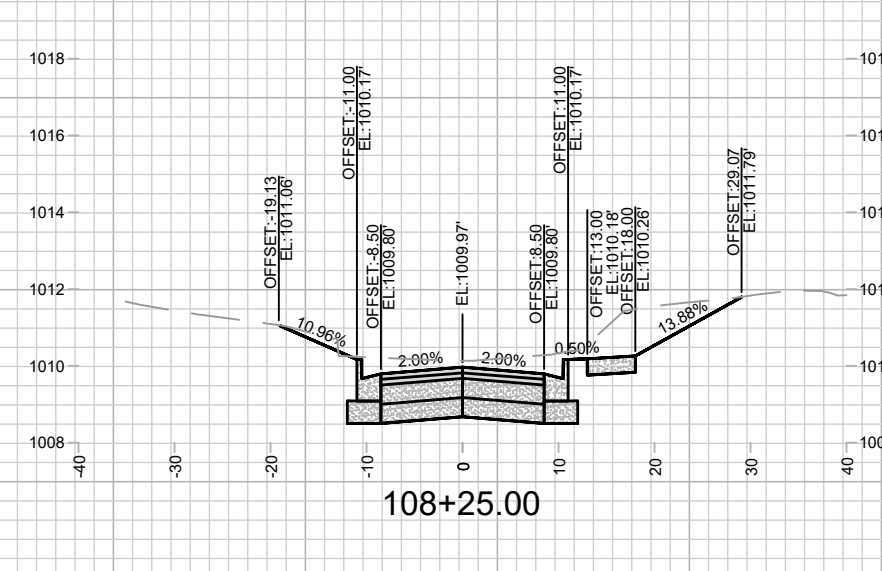
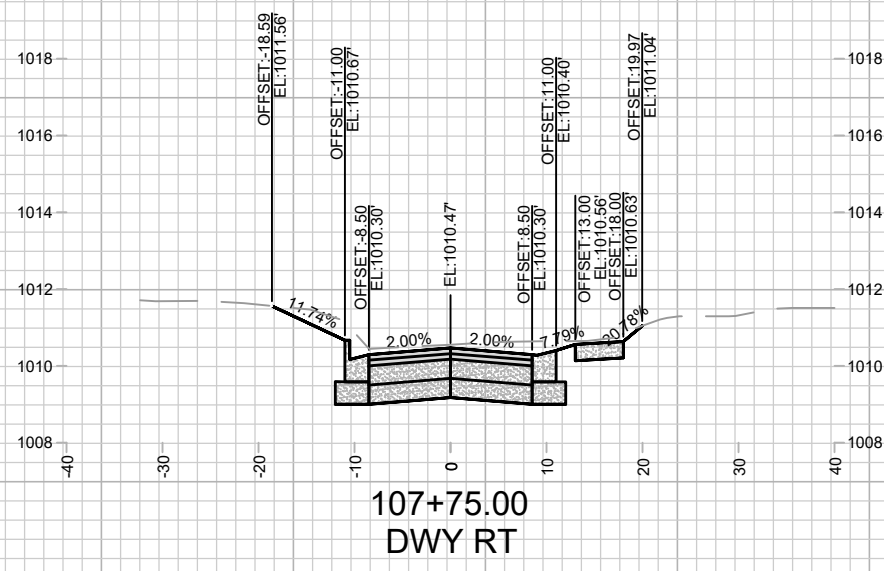
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14079 Scale: 1" = 20' X-9




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CONTRACT NO.:

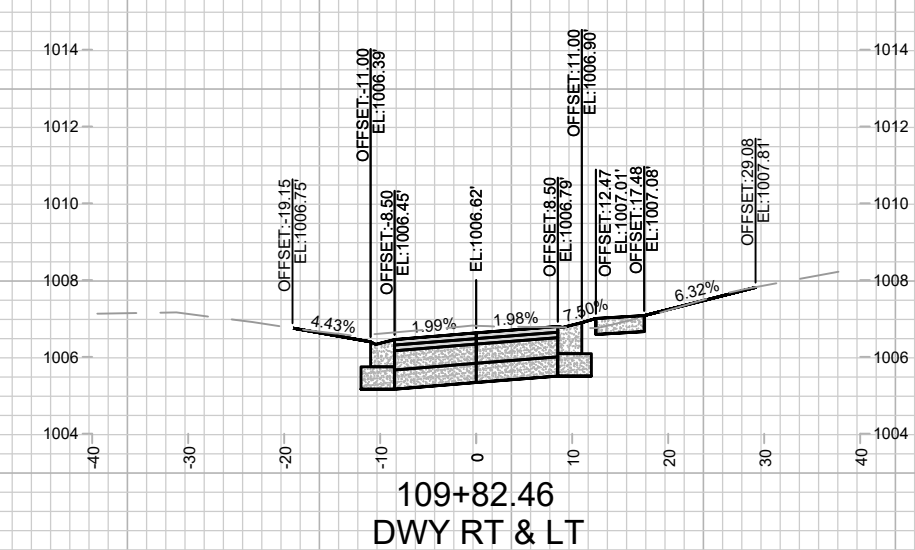
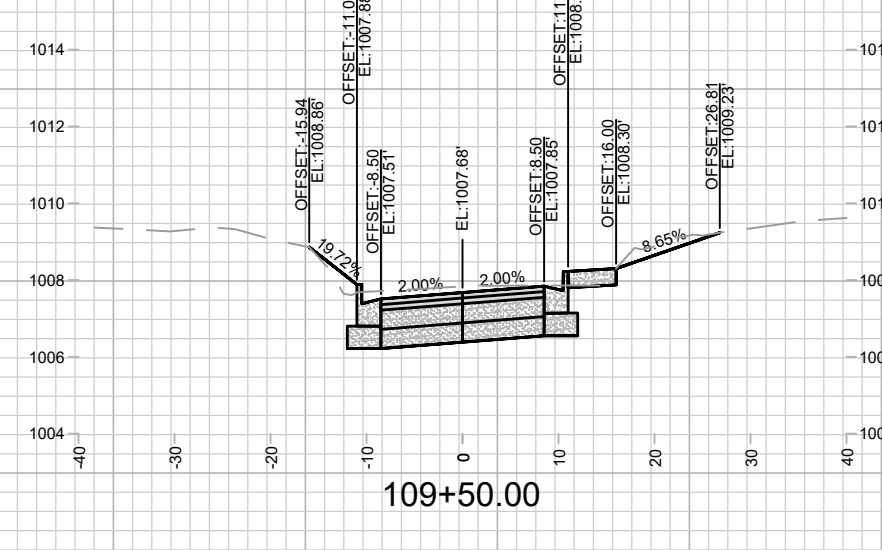
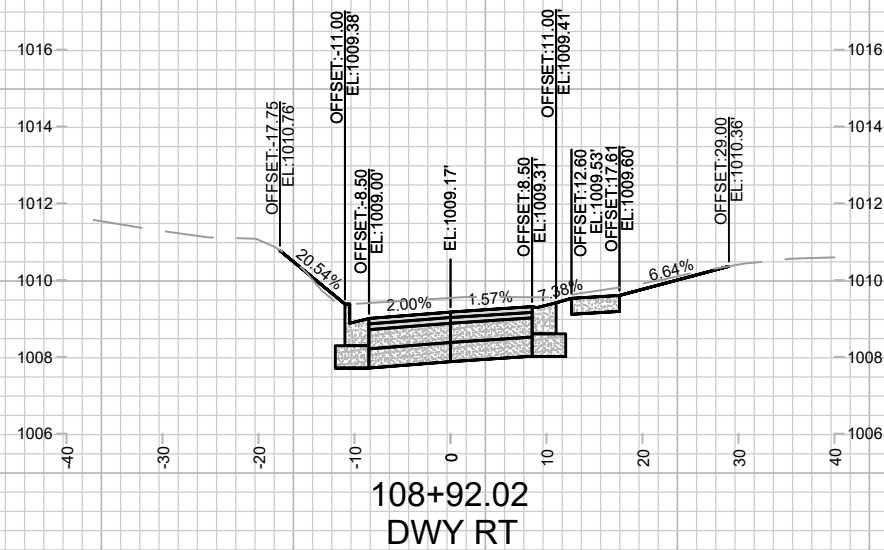
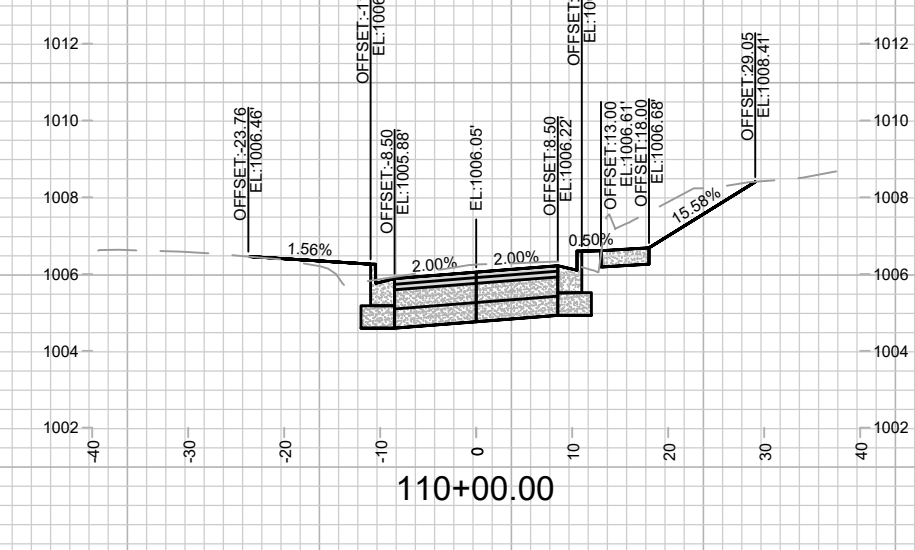
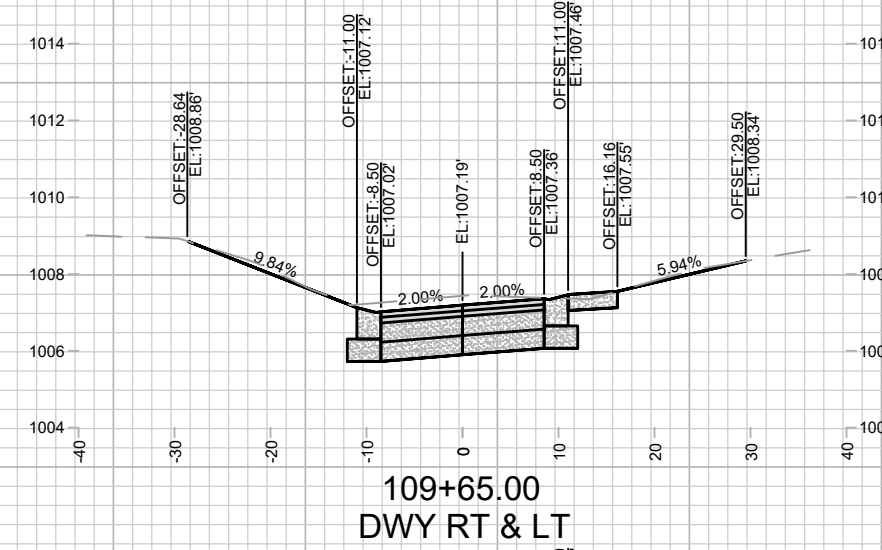
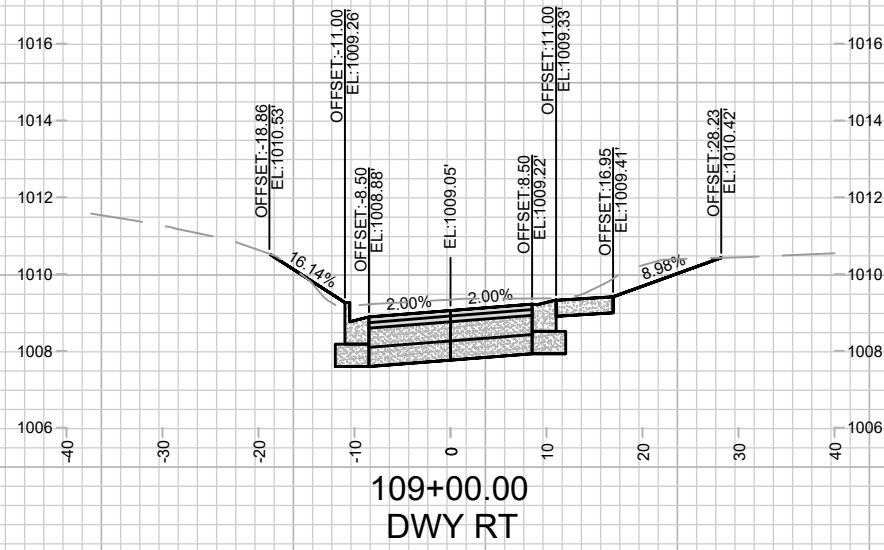
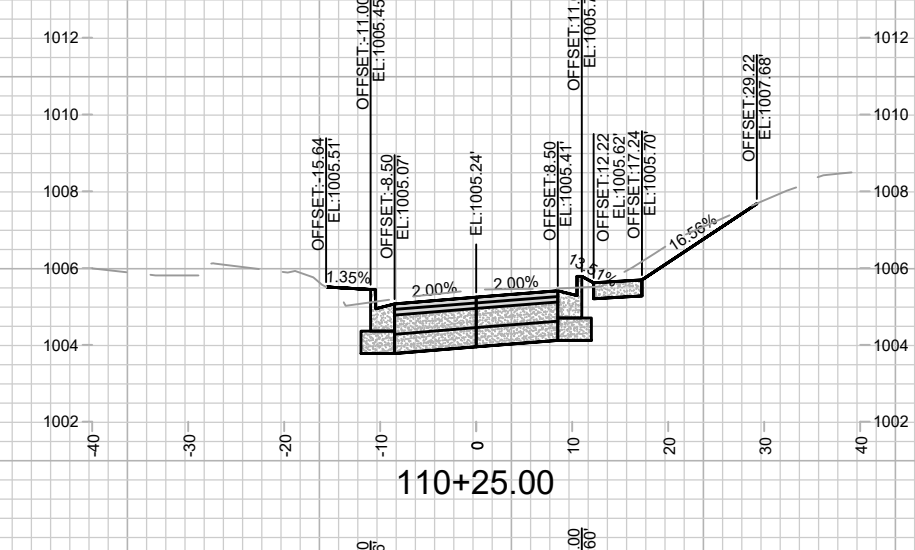
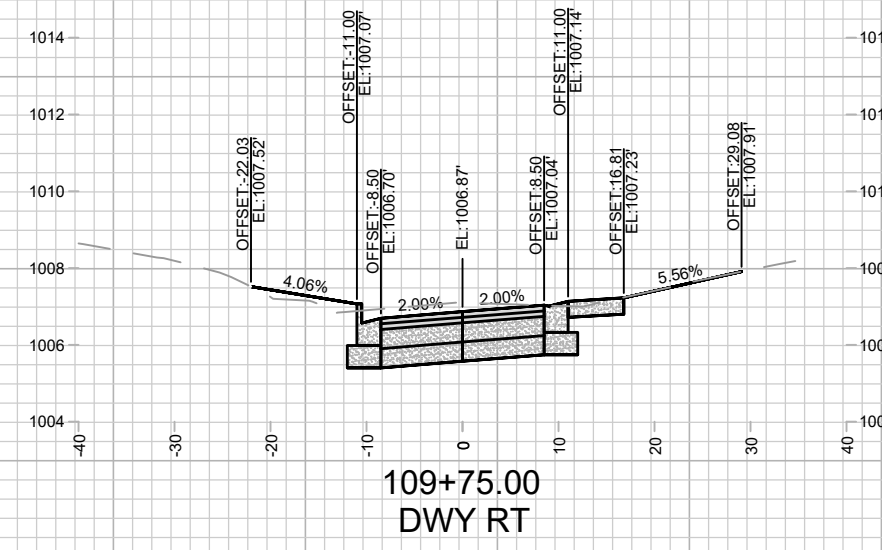
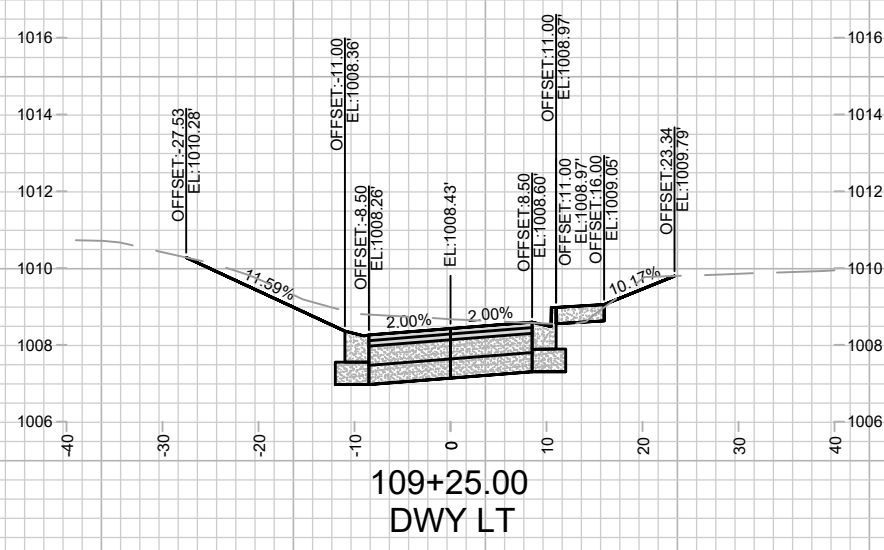
CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079
X-9



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CROSS SECTIONS - DONCASTER DRIVE		DONCASTER BEVERLY DANBURY RECONSTRUCTION		CONTRACT NO.:	
					
14079		X-10		X-10	
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14079		REVISION		BY	
14079		DATE		BY	



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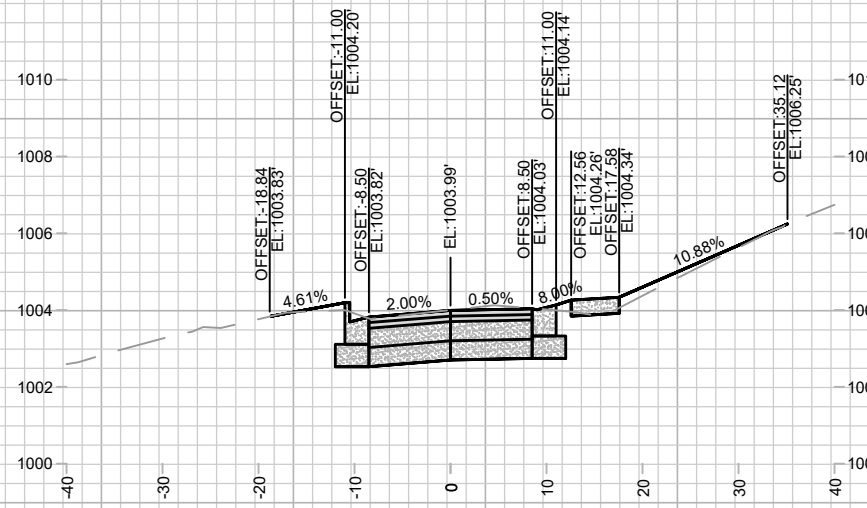
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MADISON, WI
8709
CONTRACT NO:

CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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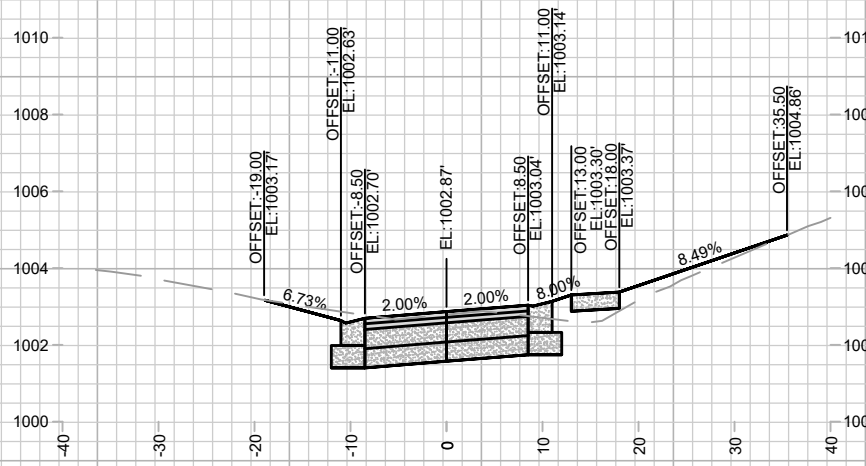


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X-11

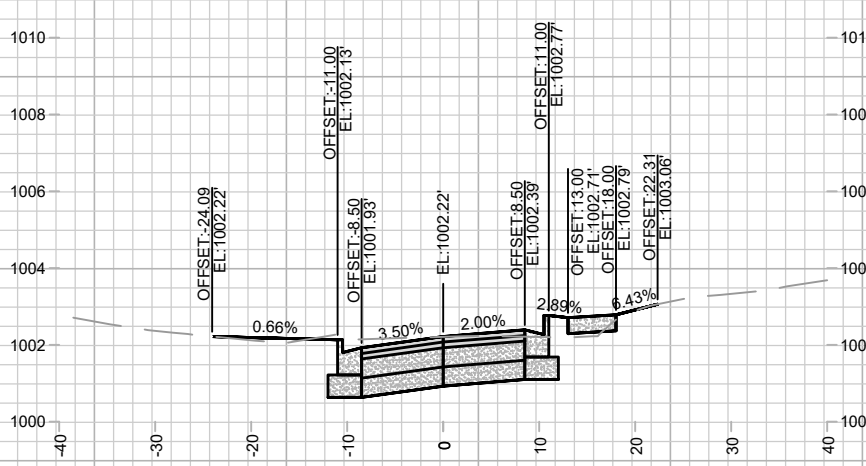
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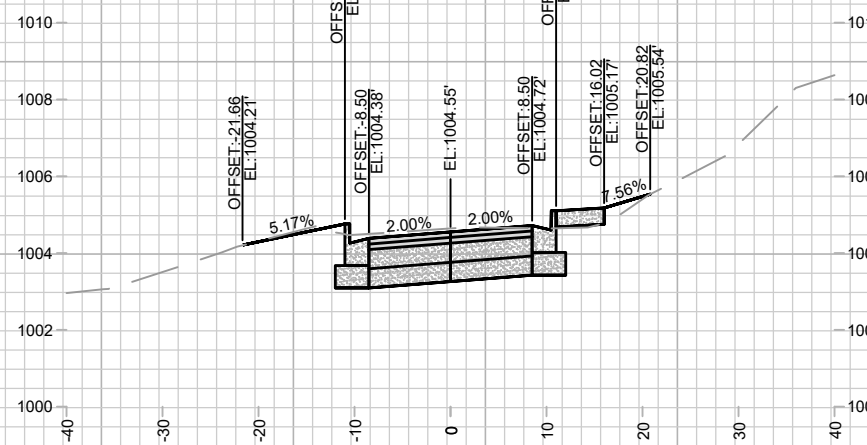
110+75.00
DWY RT



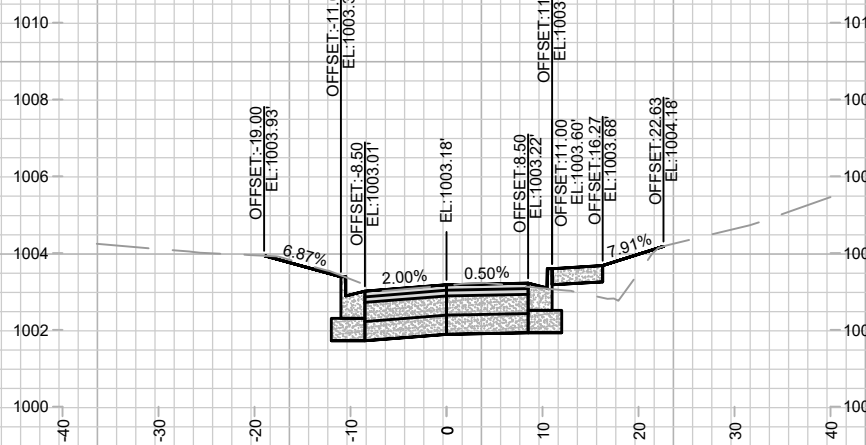
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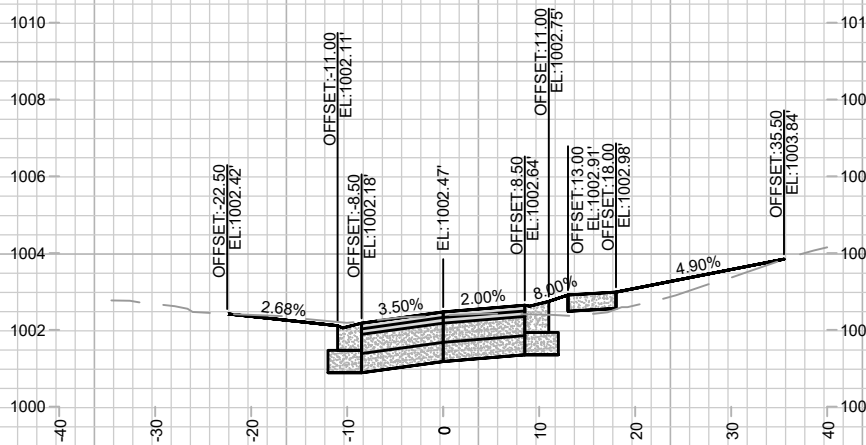
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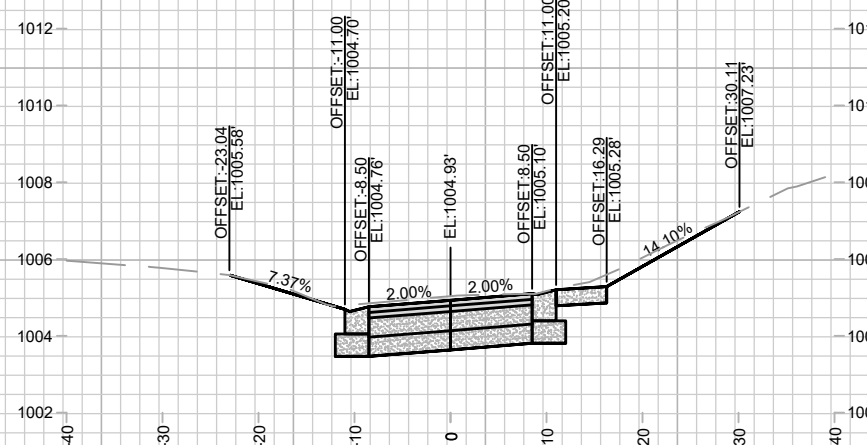
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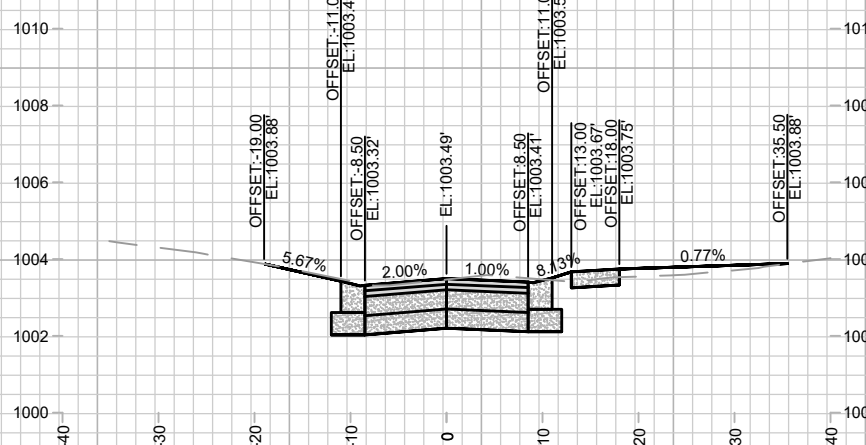
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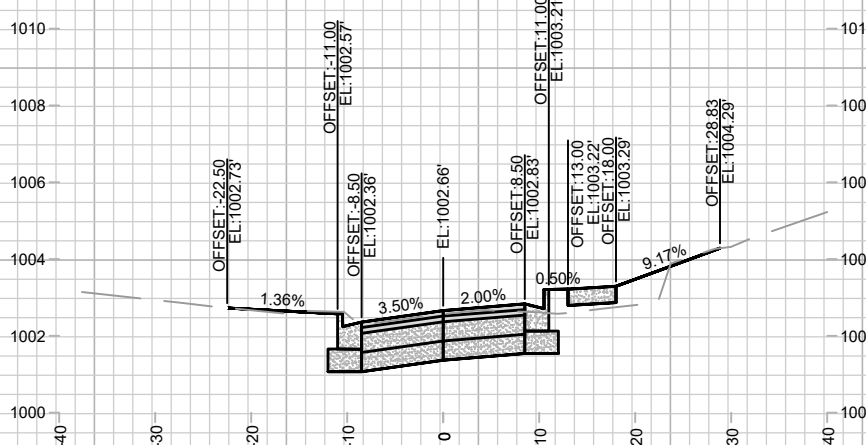
112+00.00
DWY RT & LT



110+36.32
DWY RT & LT



111+00.00
DWY RT & LT



111+75.00

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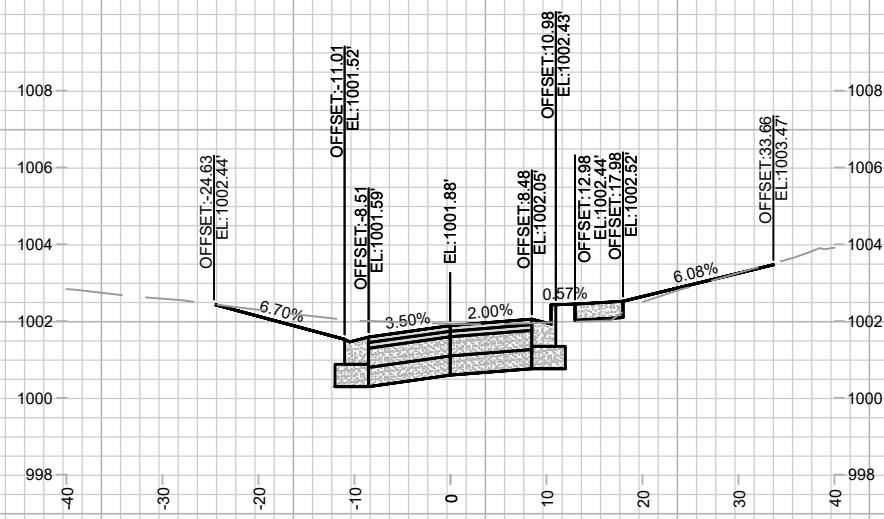
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CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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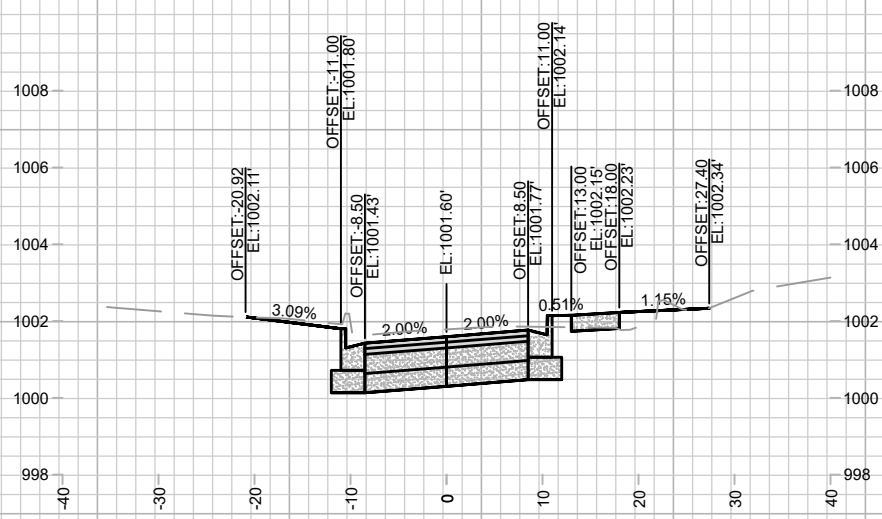


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X-12

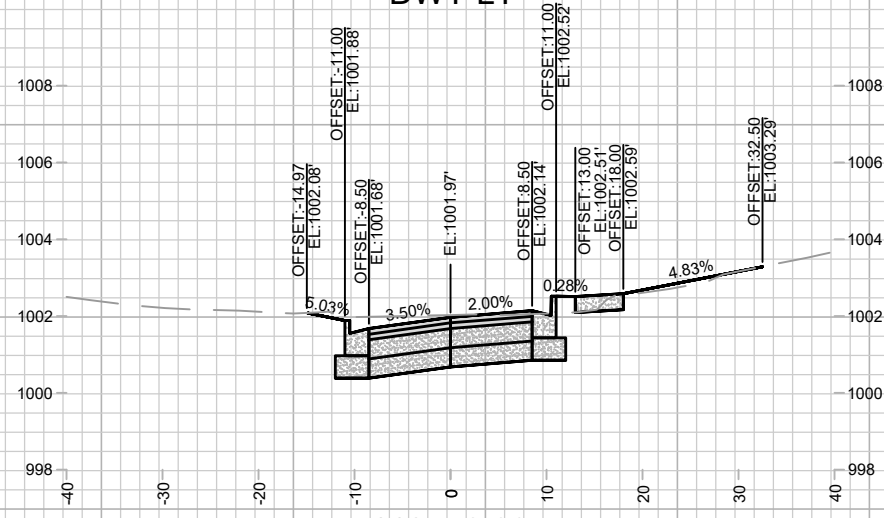
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Scale: 1" = 20'
X-12



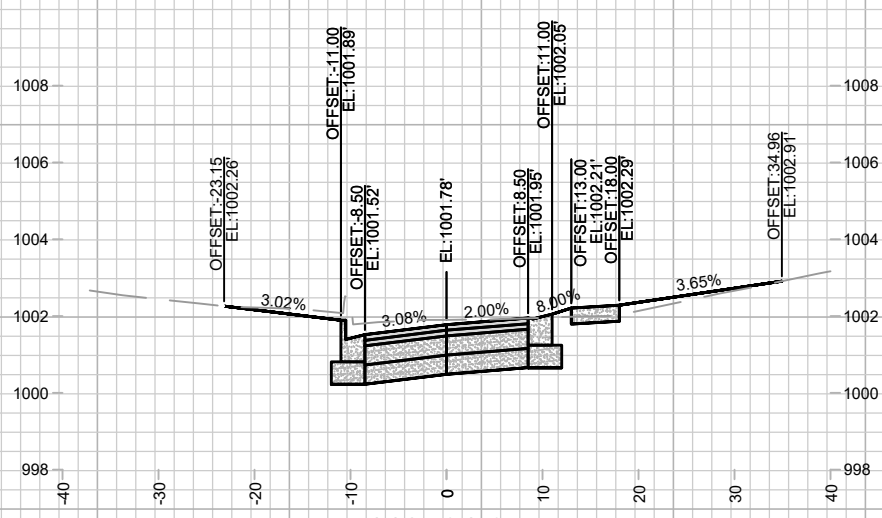
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DWY LT



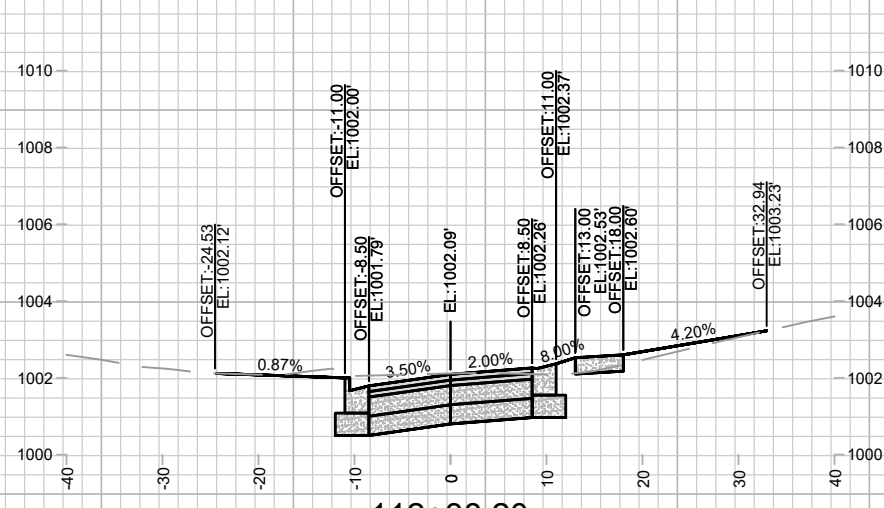
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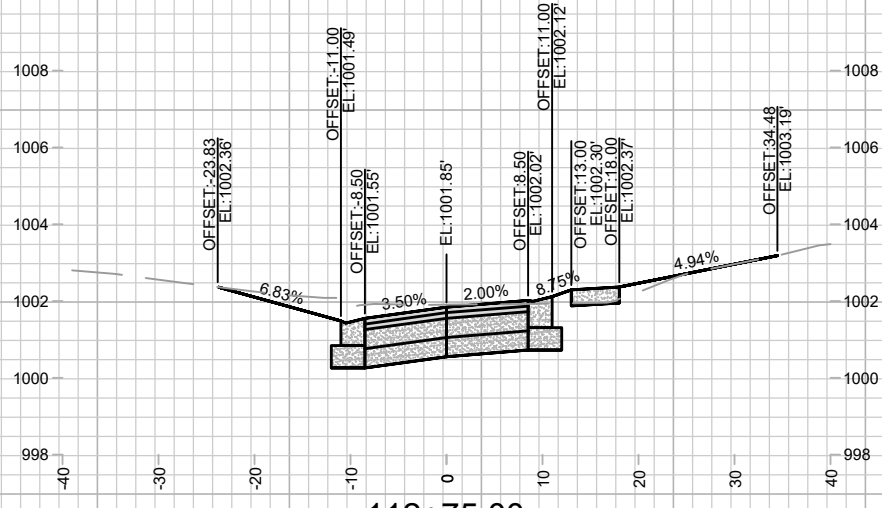
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112+81.95
DWY RT



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DWY RT



112+75.00
DWY RT & LT



113+25.00

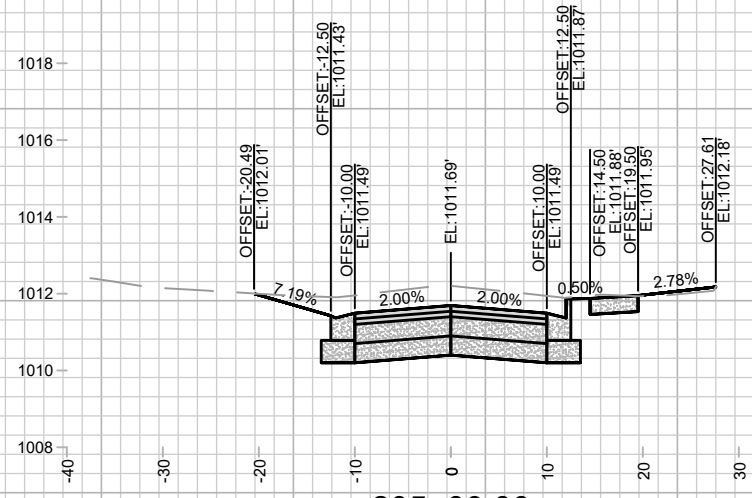
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MADISON, WI
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CONTRACT NO:

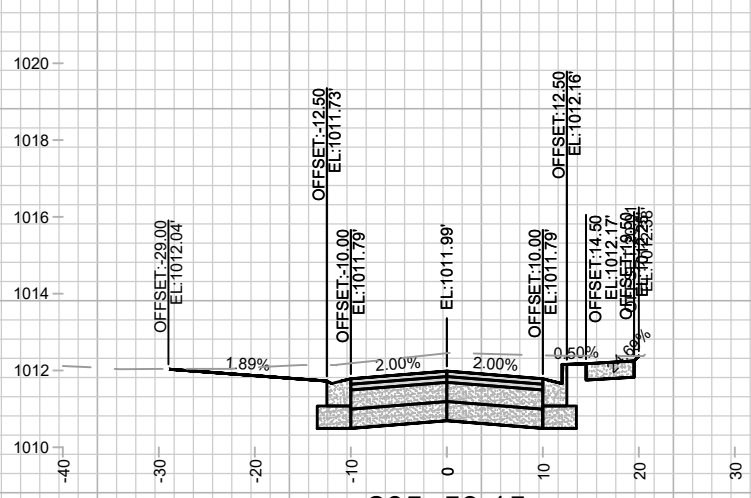
CROSS SECTIONS - DONCASTER DRIVE
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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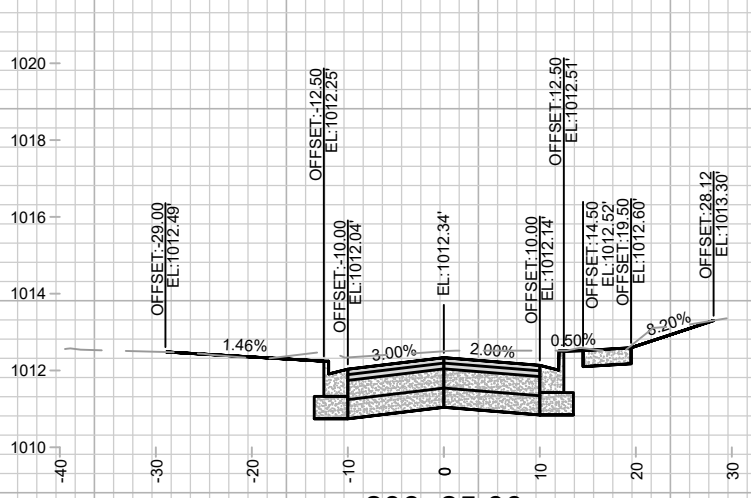
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X-13



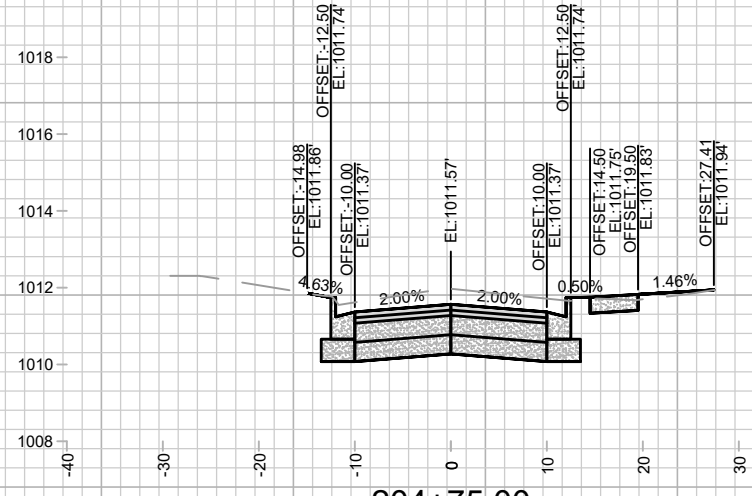
205+00.00
DWY LT



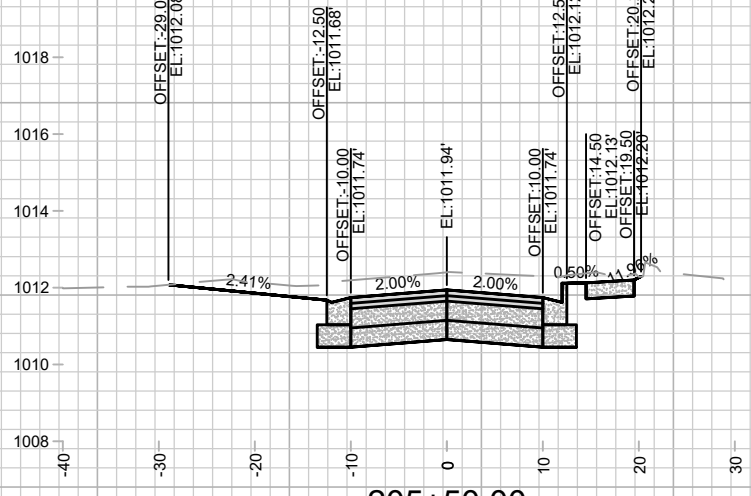
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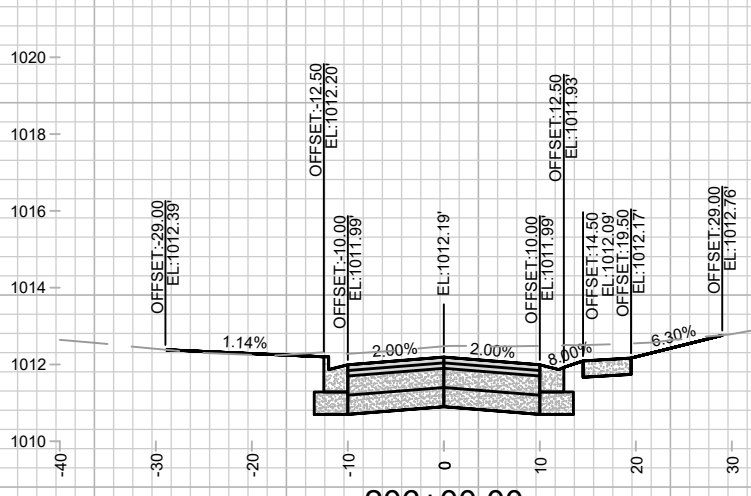
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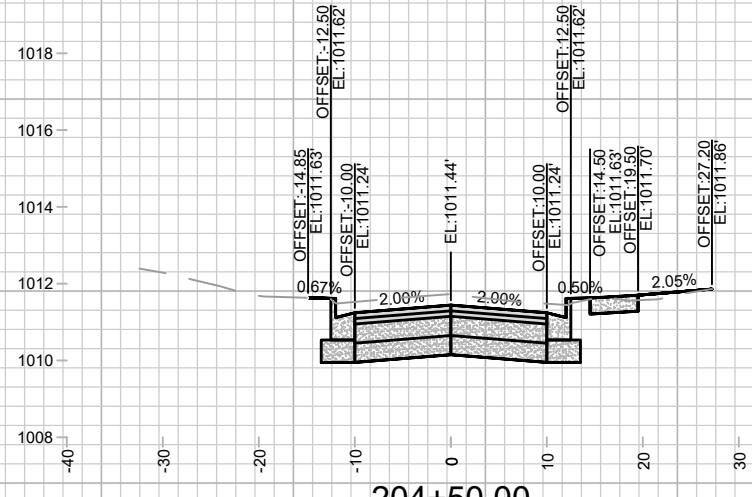
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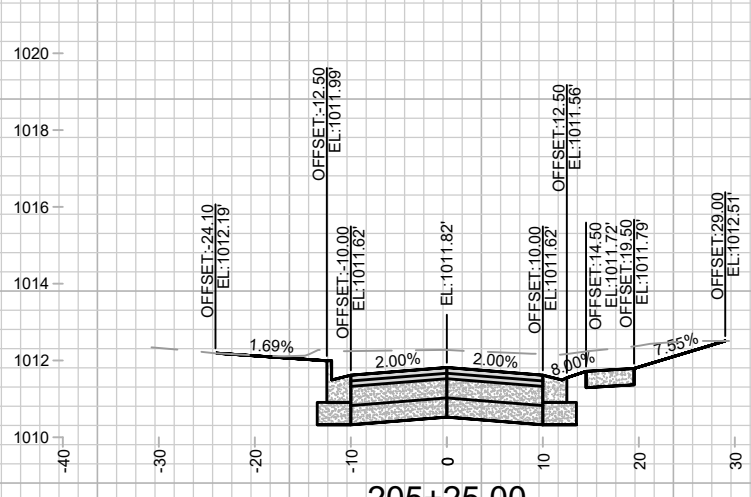
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DWY LT



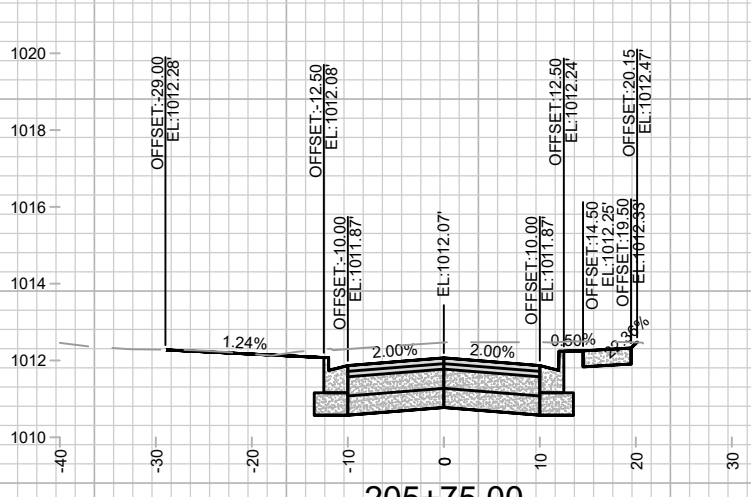
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DWY RT



204+50.00



205+25.00
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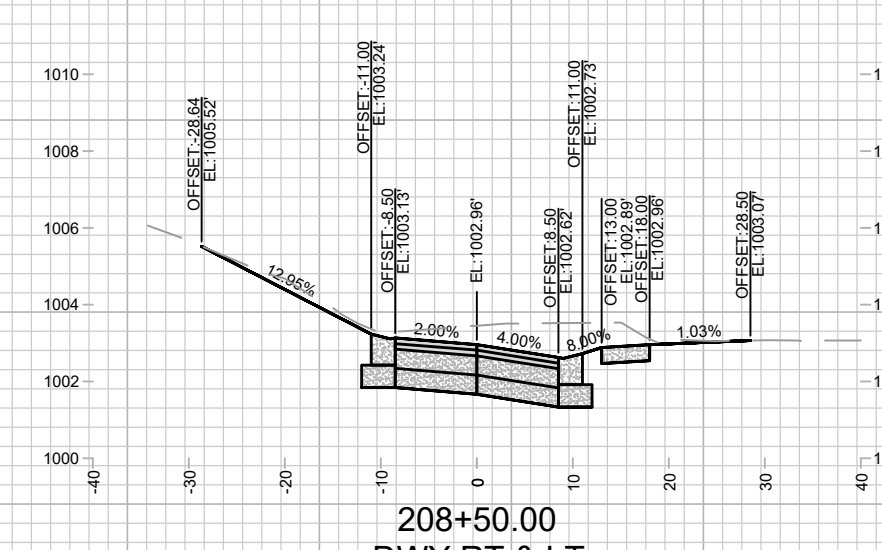
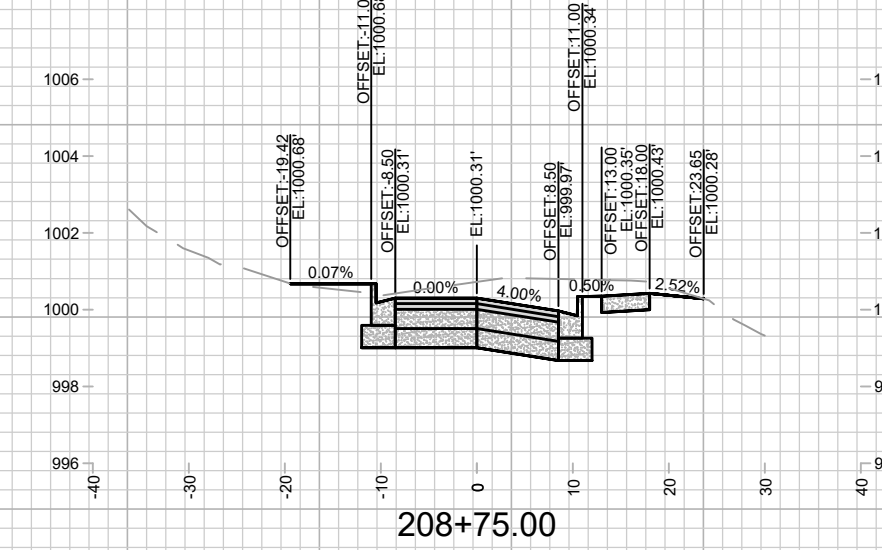
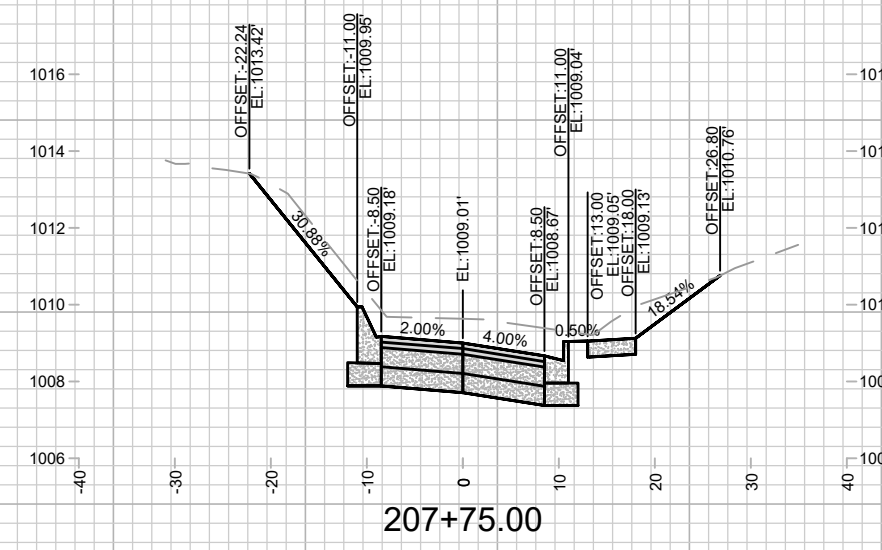
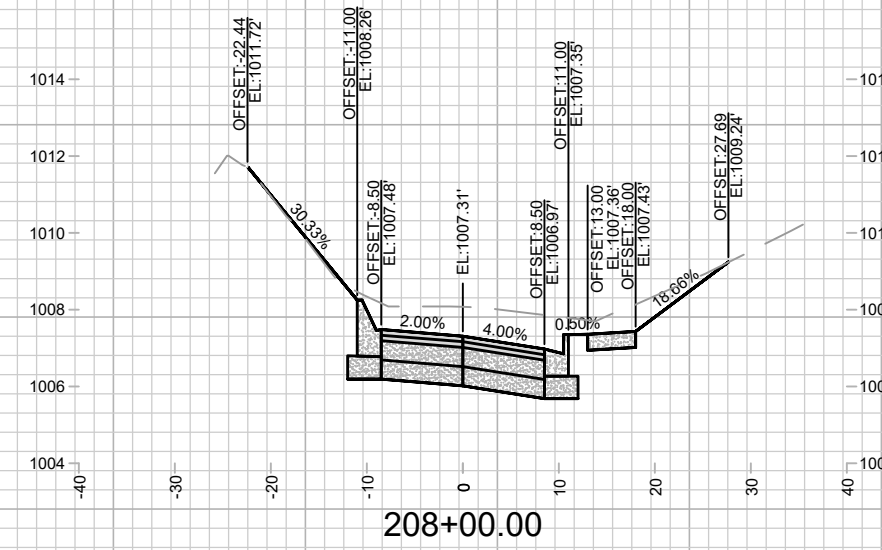
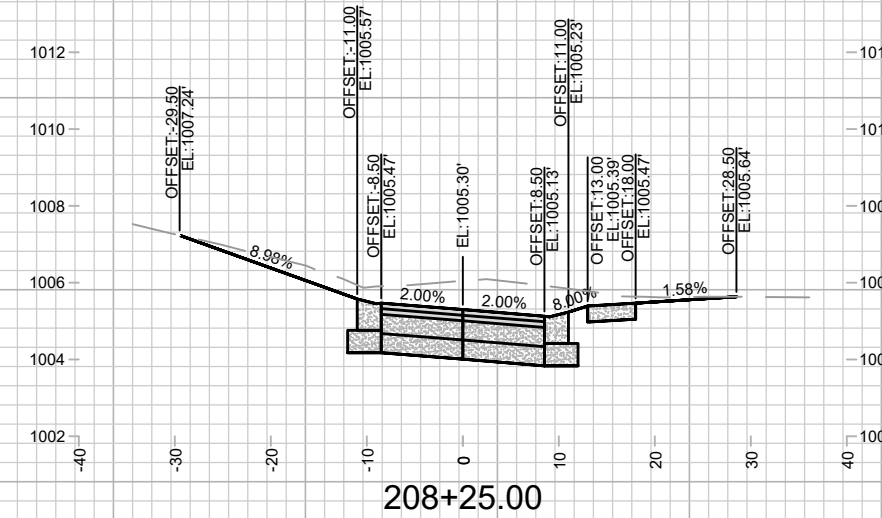
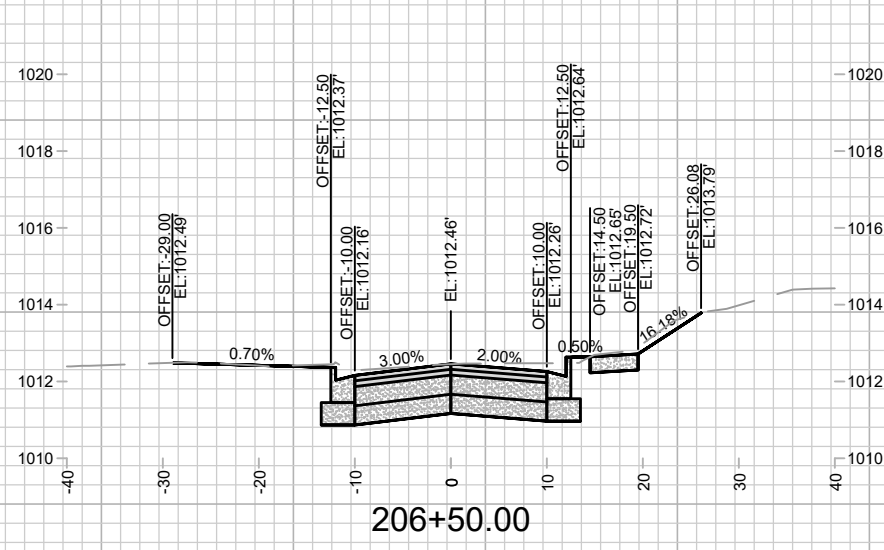
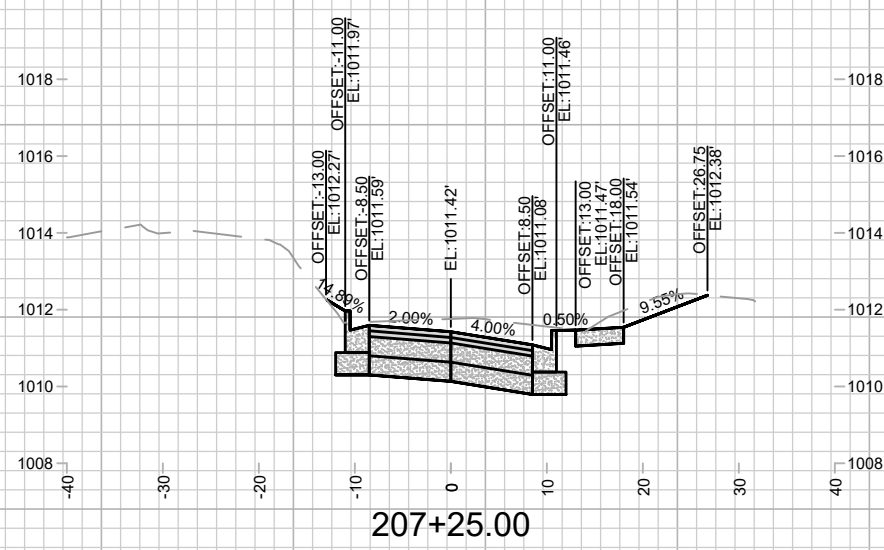
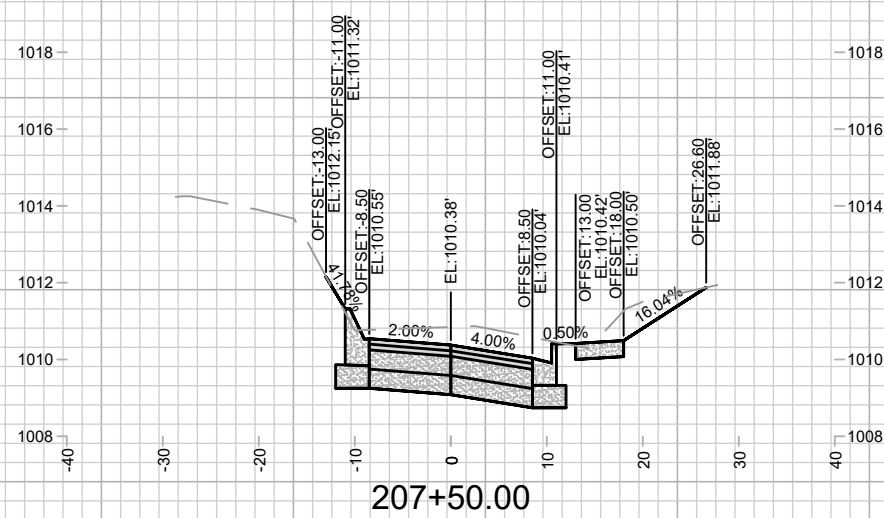


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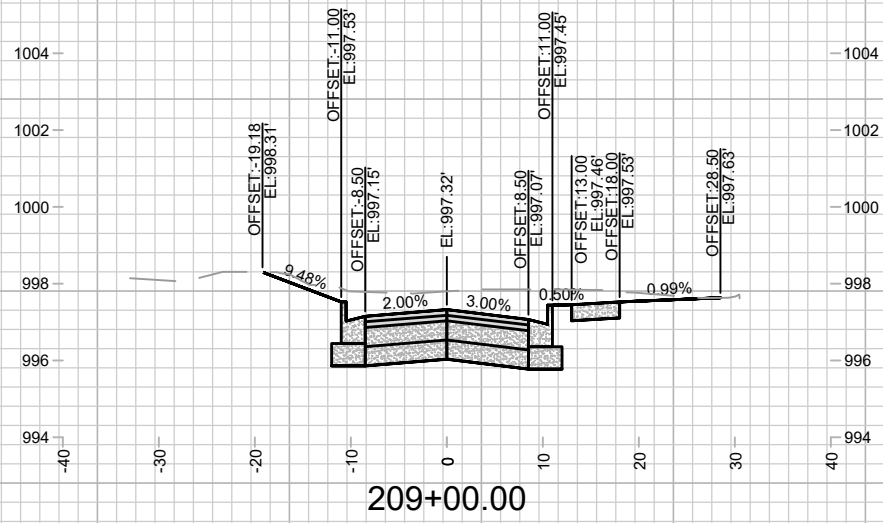
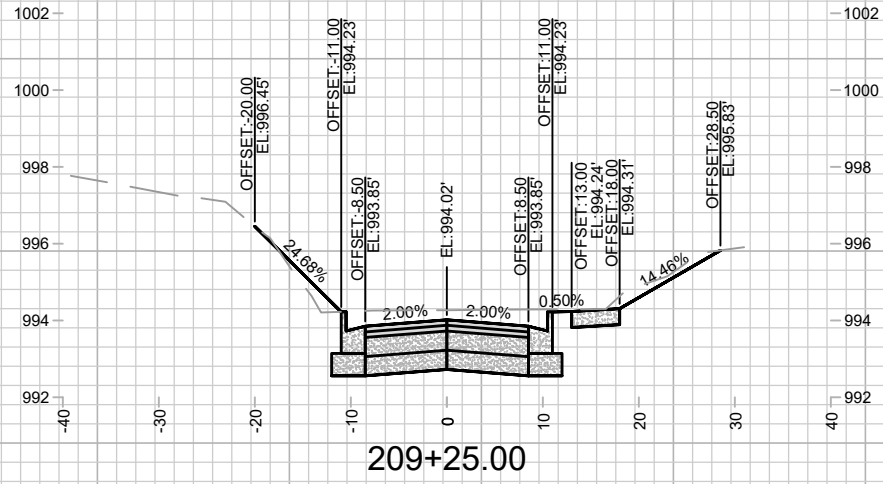
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Designed By: MFG	Date: 5/9/2024 3:07 PM
14079	Scale: 1" = 20'
14079	X-14

14079
MADISON, WI
CONTRACT NO: 8709
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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14079		MADISON, WI		8709	
CROSS SECTIONS - DANBURY STREET		DONCASTER BEVERLY DANBURY RECONSTRUCTION		CONTRACT NO.:	
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Designed By: MFG	Date: 5/9/2024 3:07 PM			Scale: 1" = 20'	



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X-16

CROSS SECTIONS - DANBURY STREET
DONCASTER BEVERLY DANBURY RECONSTRUCTION
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8709

CONTRACT NO:

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			X-16