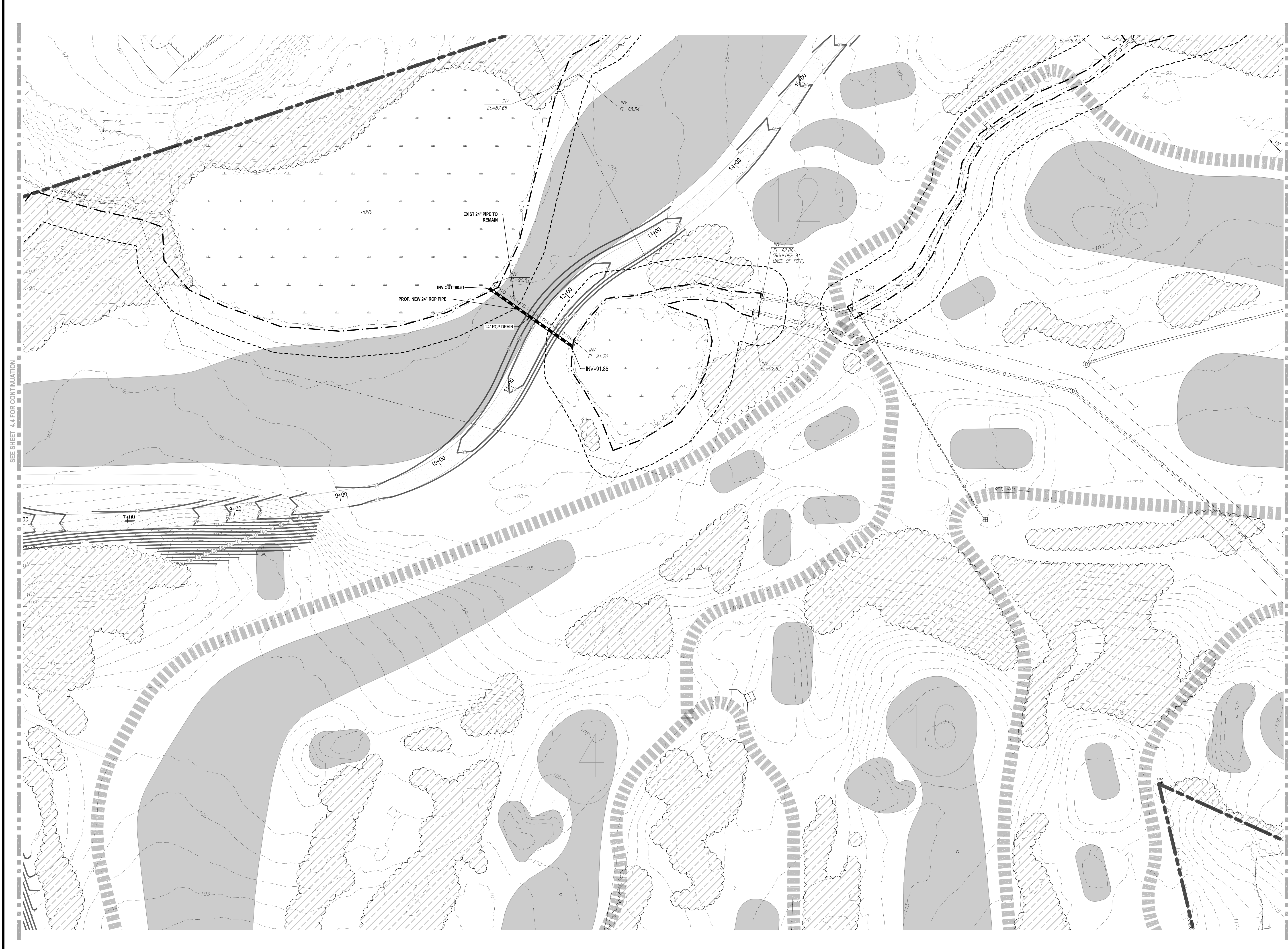
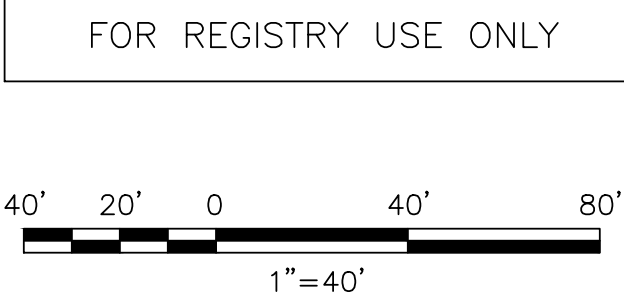
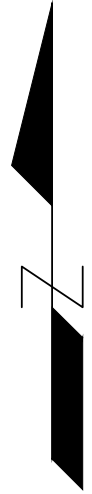




SEE SHEET 4.4 FOR CONTINUATION

SEE SHEET 4.8 FOR CONTINUATION



Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

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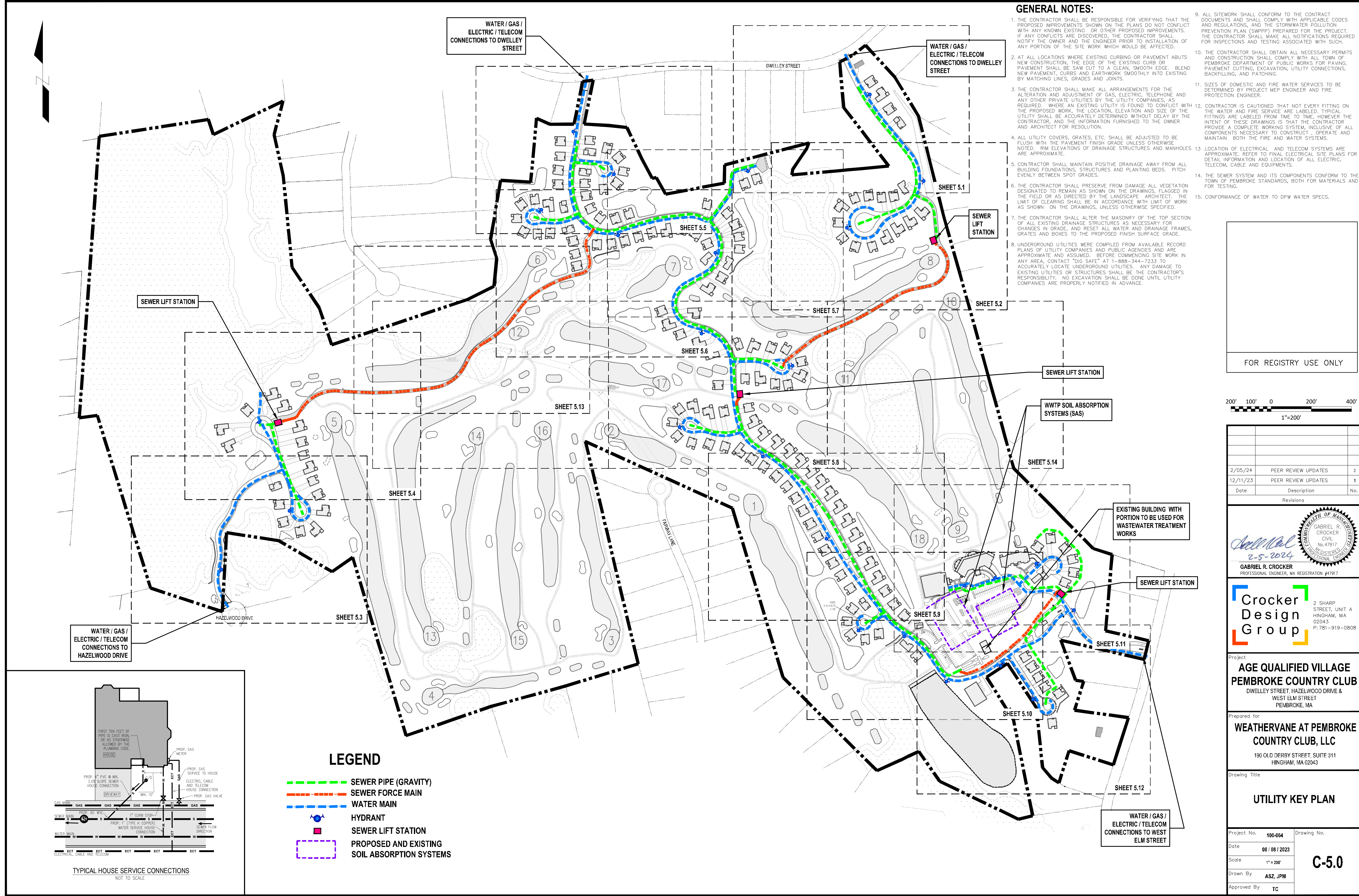
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

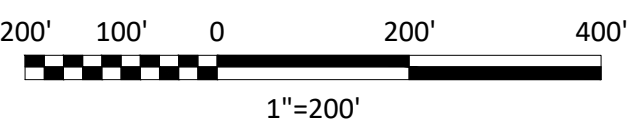
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

**GRADING &
DRAINAGE PLAN 13**

Project No.	100-064	Drawing No.	C-4.13
Date	08 / 06 / 2023		
Scale			
Drawn By	ASZ, JPM		
Approved By	TC		



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Date	Description	No.
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12/11/23	PEER REVIEW UPDATES	1

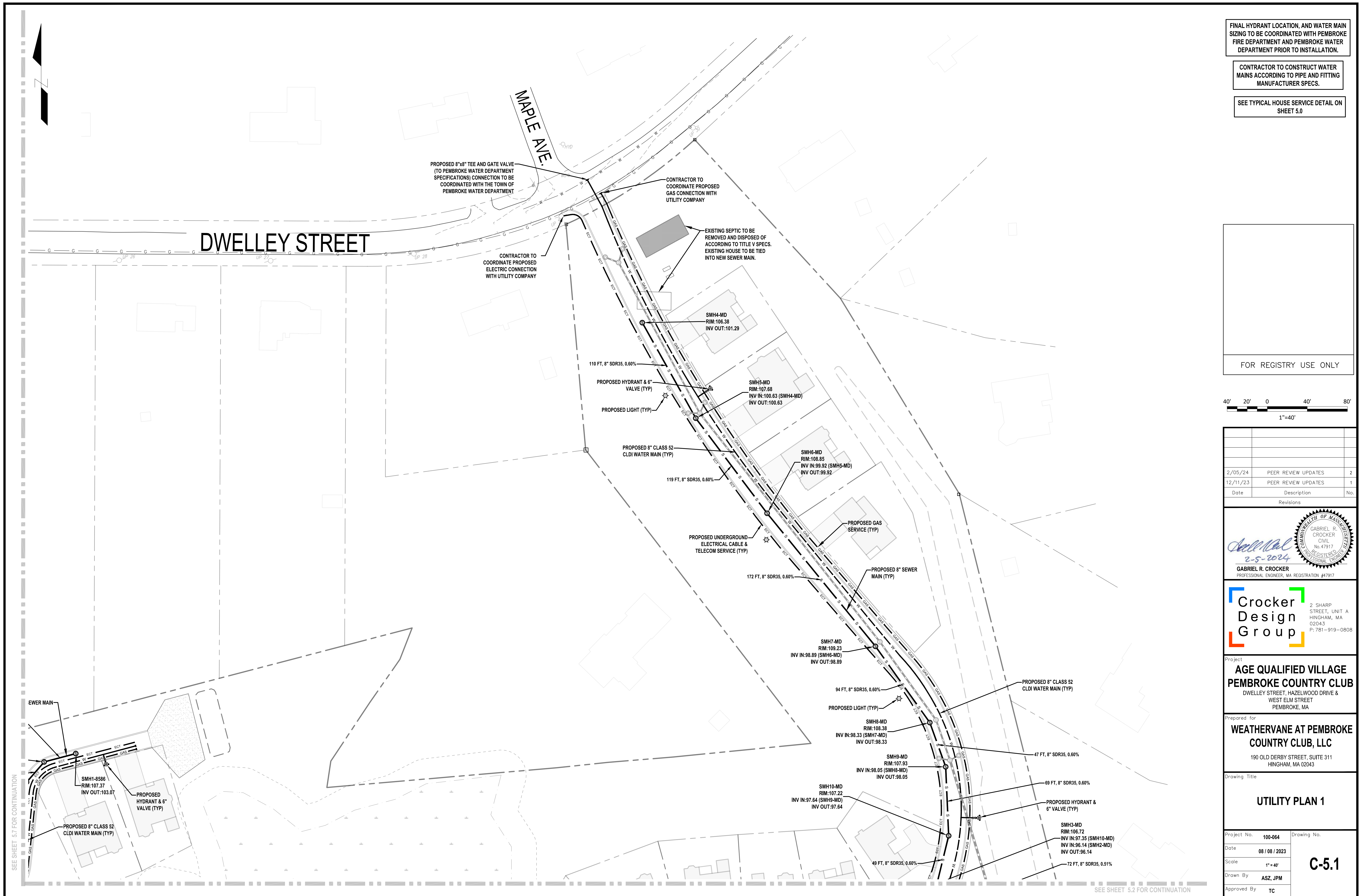
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Crocker Design Group
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Project No. 100-064		C-5.0
Date	08 / 08 / 2023	
Scale	1" = 200'	
Drawn By	ASZ, JPM	
Approved By	TC	

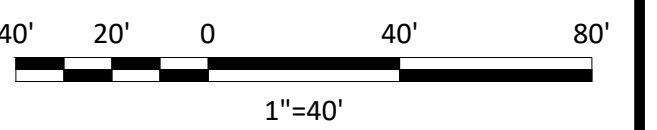


FINAL HYDRANT LOCATION, AND WATER MAIN
SIZING TO BE COORDINATED WITH PEMBROKE
FIRE DEPARTMENT AND PEMBROKE WATER
DEPARTMENT PRIOR TO INSTALLATION.

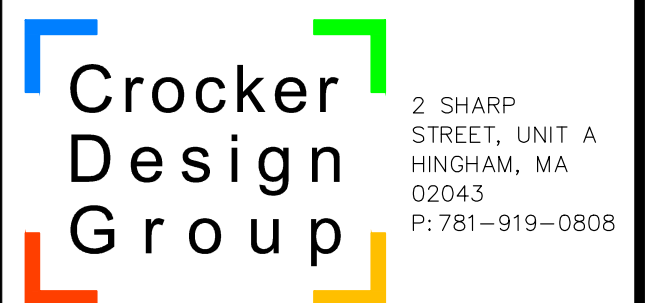
**CONTRACTOR TO CONSTRUCT WATER
MAINS ACCORDING TO PIPE AND FITTING
MANUFACTURER SPECS.**

SEE TYPICAL HOUSE SERVICE DETAIL ON
SHEET 5.0

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2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1
Date	Description	No.
Revisions		



Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

UTILITY PLAN 1

Project No.	100-064	Drawing No. C-5.1
Date	08 / 08 / 2023	
Scale	1" = 40'	
Drawn By	ASZ, JPM	
Approved By	TC	

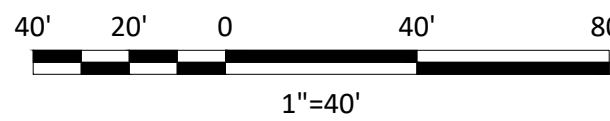
SEE SHEET 5.1 FOR CONTINUATION

FINAL HYDRANT LOCATION, AND WATER MAIN
SIZING TO BE COORDINATED WITH PEMBROKE
FIRE DEPARTMENT AND PEMBROKE WATER
DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER
MAINS ACCORDING TO PIPE AND FITTING
MANUFACTURER SPECS.

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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

Gabriel R. Crocker
2-5-2024

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PROFESSIONAL ENGINEER, MA REGISTRATION #47917

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2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
UTILITY PLAN 2

Project No.	100-064	Drawing No.	C-5.2
Date	08 / 06 / 2023		
Scale	1" = 40'		
Drawn By	ASZ, JPM		
Approved By	TC		



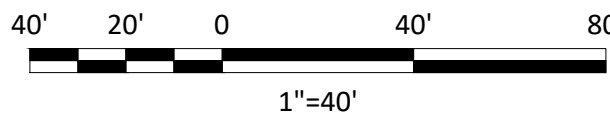
SEE SHEET 5.7 FOR CONTINUATION

FINAL HYDRANT LOCATION, AND WATER MAIN SIZING TO BE COORDINATED WITH PEMBROKE FIRE DEPARTMENT AND PEMBROKE WATER DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER MAINS ACCORDING TO PIPE AND FITTING MANUFACTURER SPECS.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.0

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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

Gabriel R. Crocker
2-5-2024

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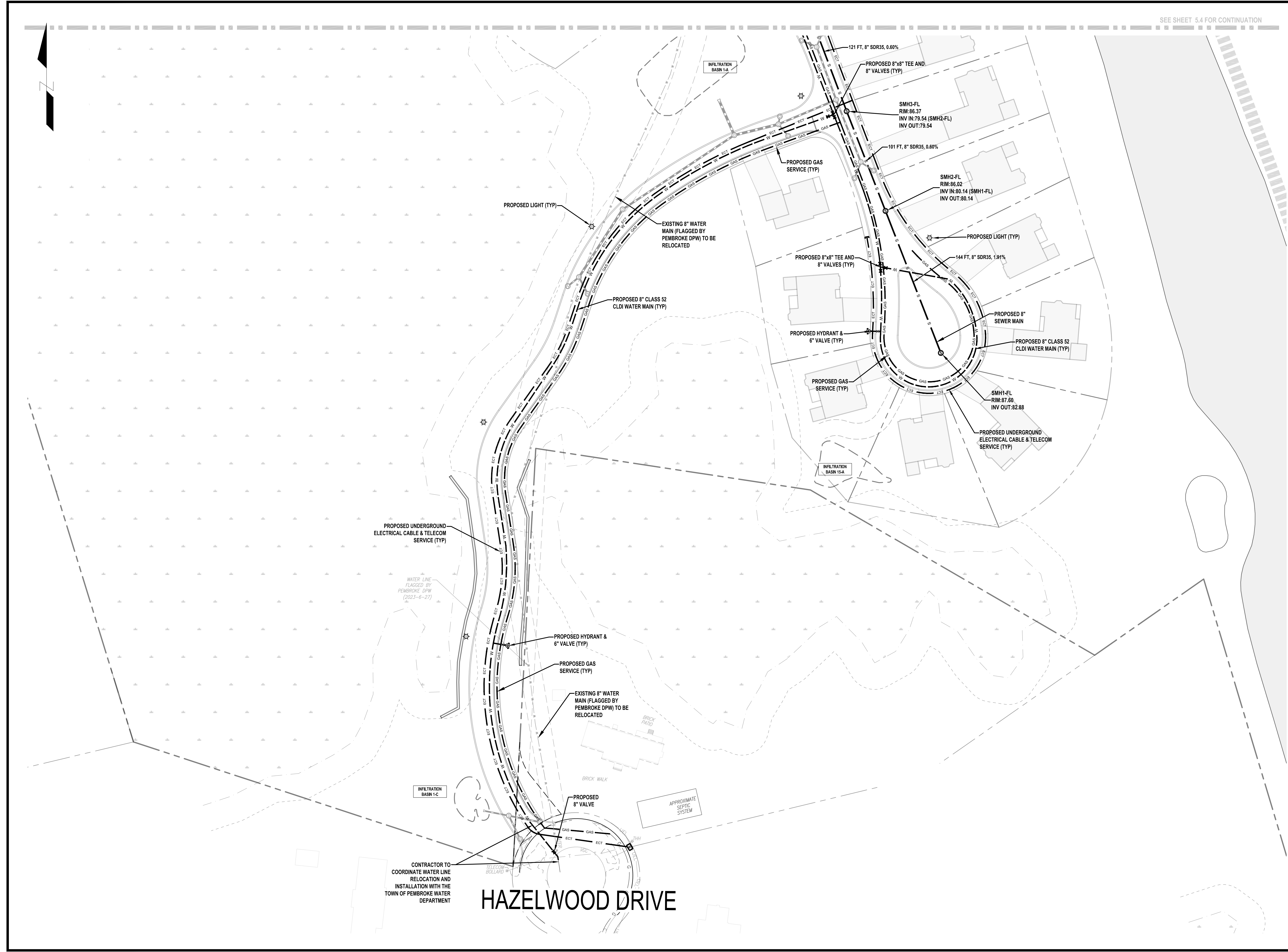
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
UTILITY PLAN 3

Project No.	100-064	Drawing No.	C-5.3
Date	08 / 06 / 2023		
Scale	1" = 40'		
Drawn By	ASZ, JPM		
Approved By	TC		



HAZELWOOD DRIVE



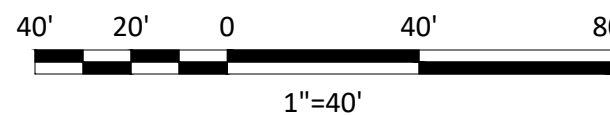
SEE SHEET 5.3 FOR CONTINUATION

FINAL HYDRANT LOCATION, AND WATER MAIN SIZING TO BE COORDINATED WITH PEMBROKE FIRE DEPARTMENT AND PEMBROKE WATER DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER MAINS ACCORDING TO PIPE AND FITTING MANUFACTURER SPECS.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.0

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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

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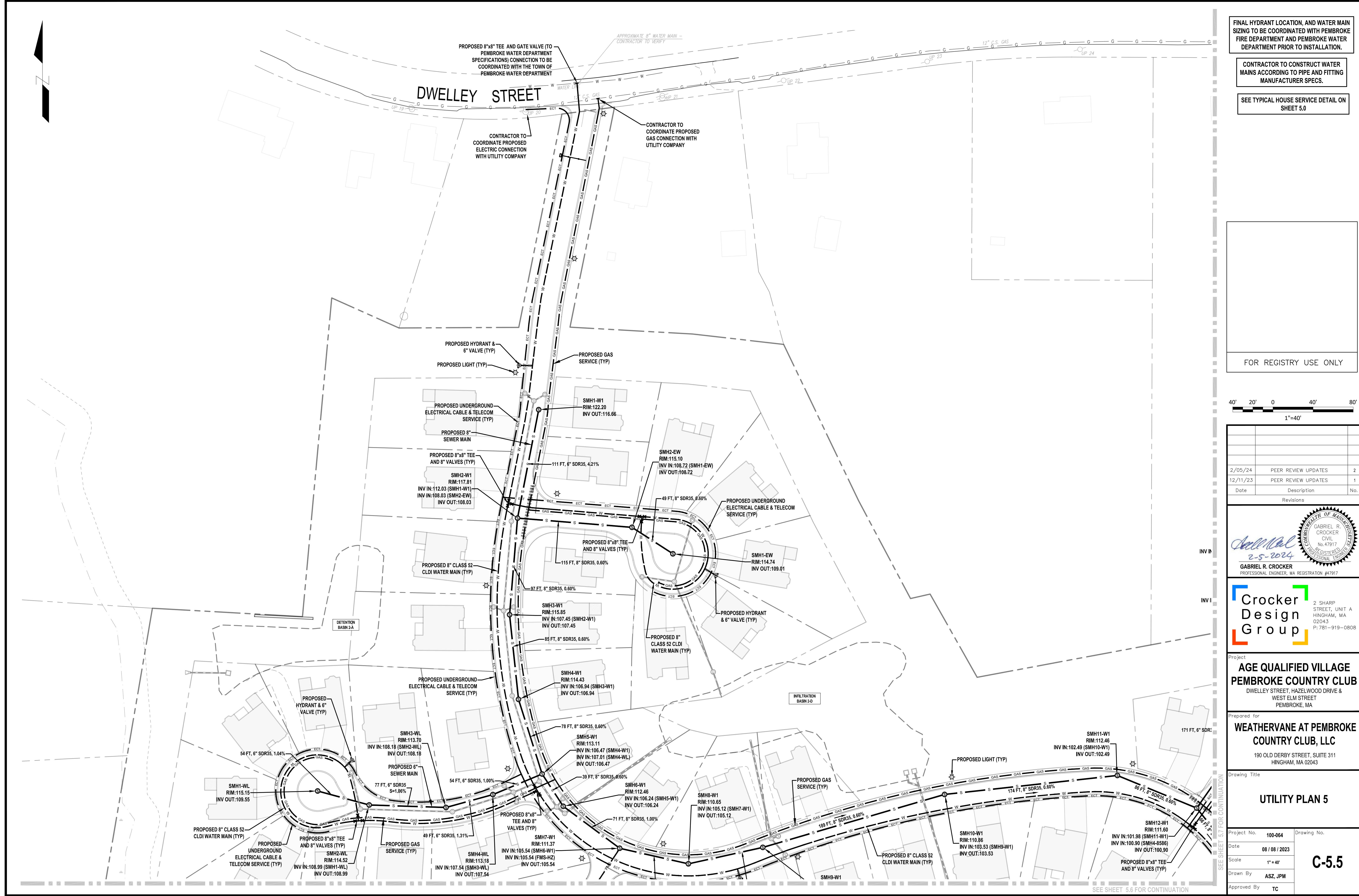
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P: 781-919-0808

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

UTILITY PLAN 4

Project No.	100-064	Drawing No.	C-5.4
Date	08 / 06 / 2023		
Scale	1" = 40'		
Drawn By	ASZ, JPM		
Approved By	TC		

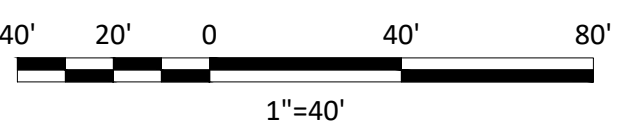


FINAL HYDRANT LOCATION, AND WATER MAIN SIZING TO BE COORDINATED WITH PEMBROKE FIRE DEPARTMENT AND PEMBROKE WATER DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER MAINS ACCORDING TO PIPE AND FITTING MANUFACTURER SPECS.

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Date	Description	No.
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12/11/23	PEER REVIEW UPDATES	1

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2 SHARP STREET, UNIT A
HINGHAM, MA 02043
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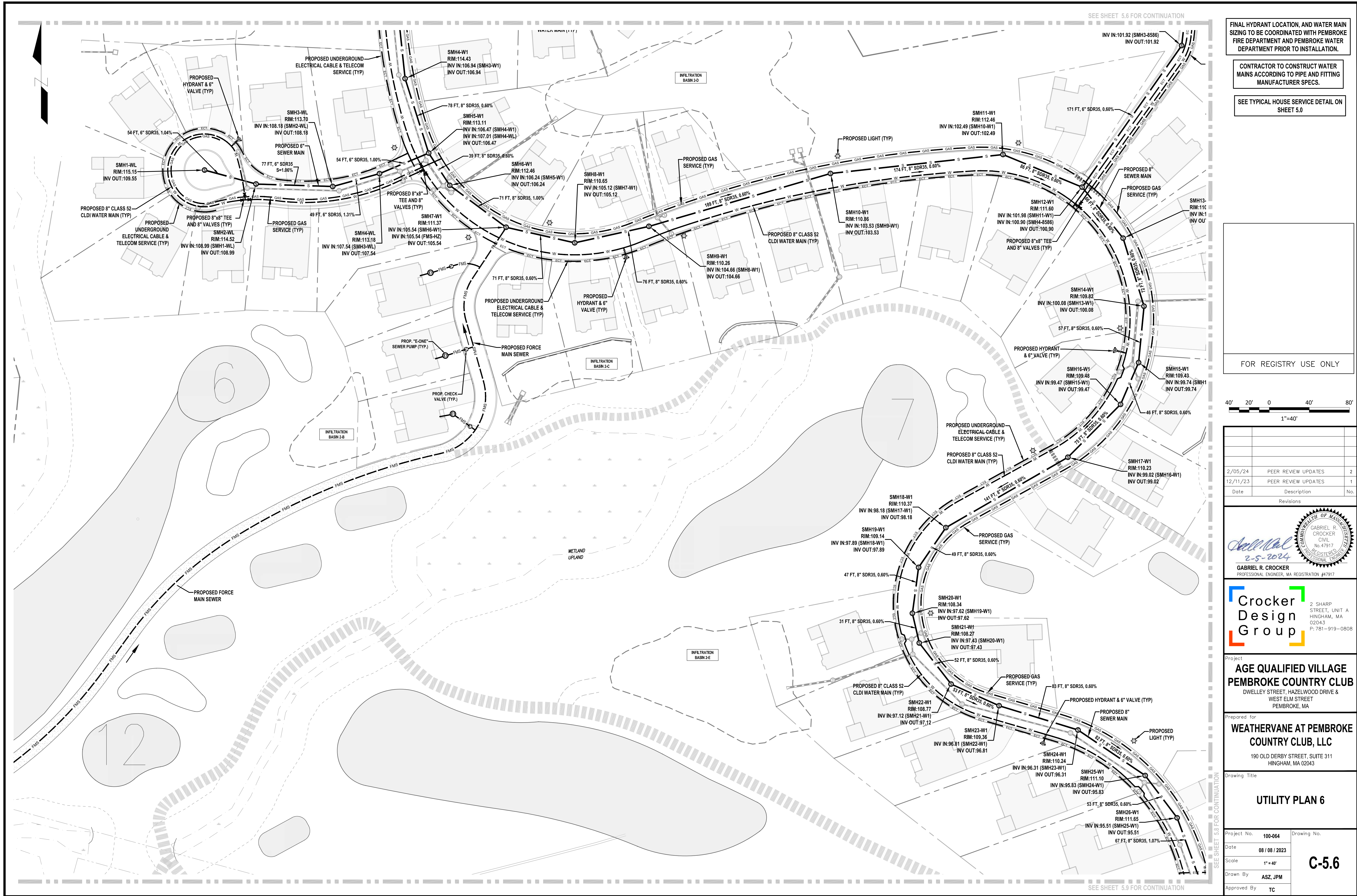
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DWELLEY STREET, HAZELWOOD DRIVE & WEST ELM STREET
PEMBROKE, MA

WEATHERVANE AT PEMBROKE COUNTRY CLUB, LLC
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

UTILITY PLAN 5

Project No.	100-064	Drawing No.	C-5.5
Date	08 / 06 / 2023	Scale	1" = 40'
Drawn By	ASZ, JPM	Approved By	TC

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FINAL HYDRANT LOCATION, AND WATER MAIN SIZING TO BE COORDINATED WITH PEMBROKE FIRE DEPARTMENT AND PEMBROKE WATER DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER MAINS ACCORDING TO PIPE AND FITTING MANUFACTURER SPECS.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.0

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40' 20' 0 40' 80'
1"=40'

Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Gabriel R. Crocker
2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

Crocker Design Group

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P: 781-919-0808

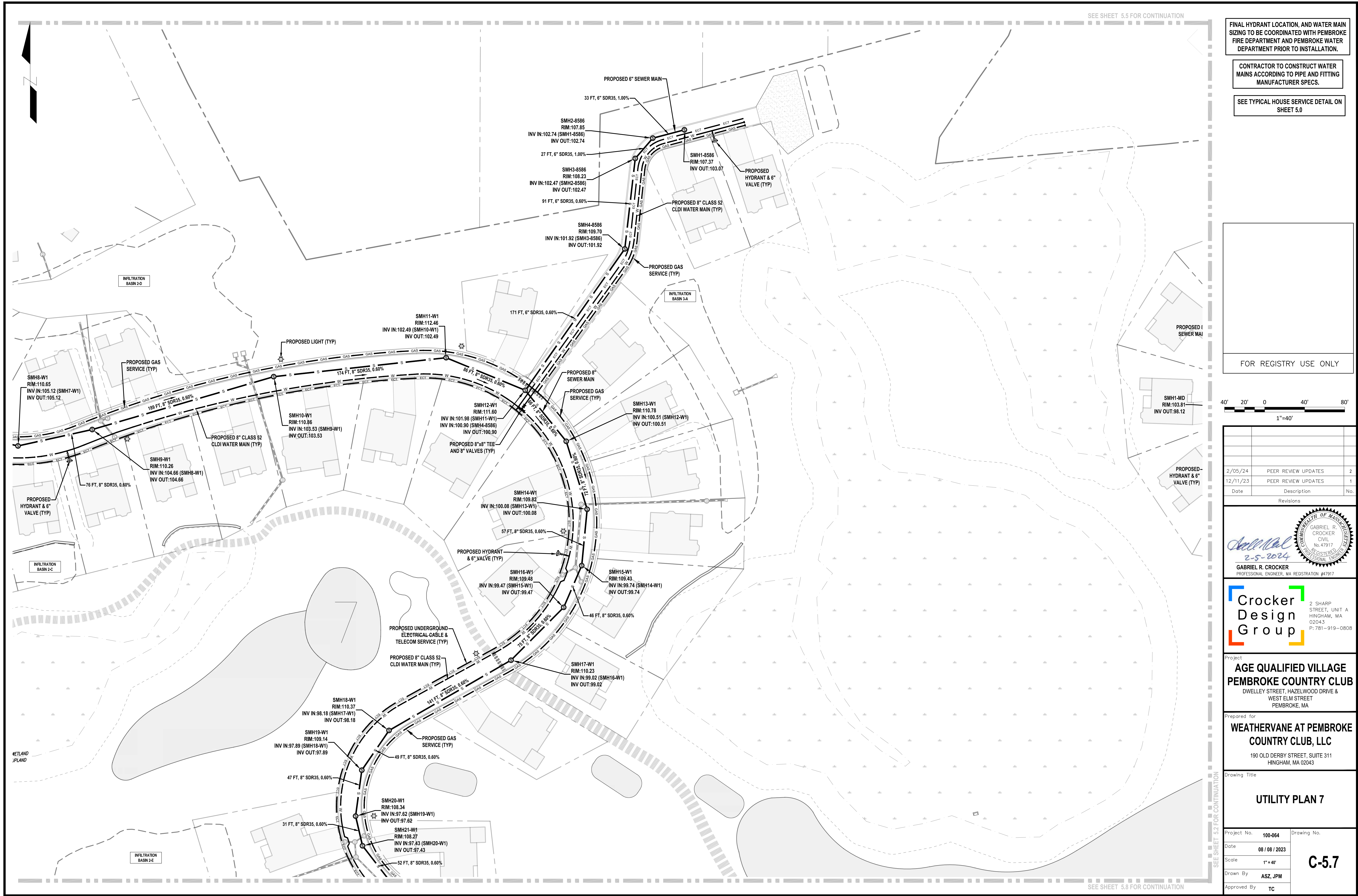
Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
UTILITY PLAN 6

Project No.	100-064	Drawing No.	C-5.6
Date	08 / 06 / 2023		
Scale	1" = 40'		
Drawn By	ASZ, JPM		
Approved By	TC		

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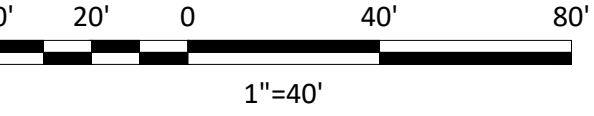


FINAL HYDRANT LOCATION, AND WATER MAIN SIZING TO BE COORDINATED WITH PEMBROKE FIRE DEPARTMENT AND PEMBROKE WATER DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER MAINS ACCORDING TO PIPE AND FITTING MANUFACTURER SPECS.

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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

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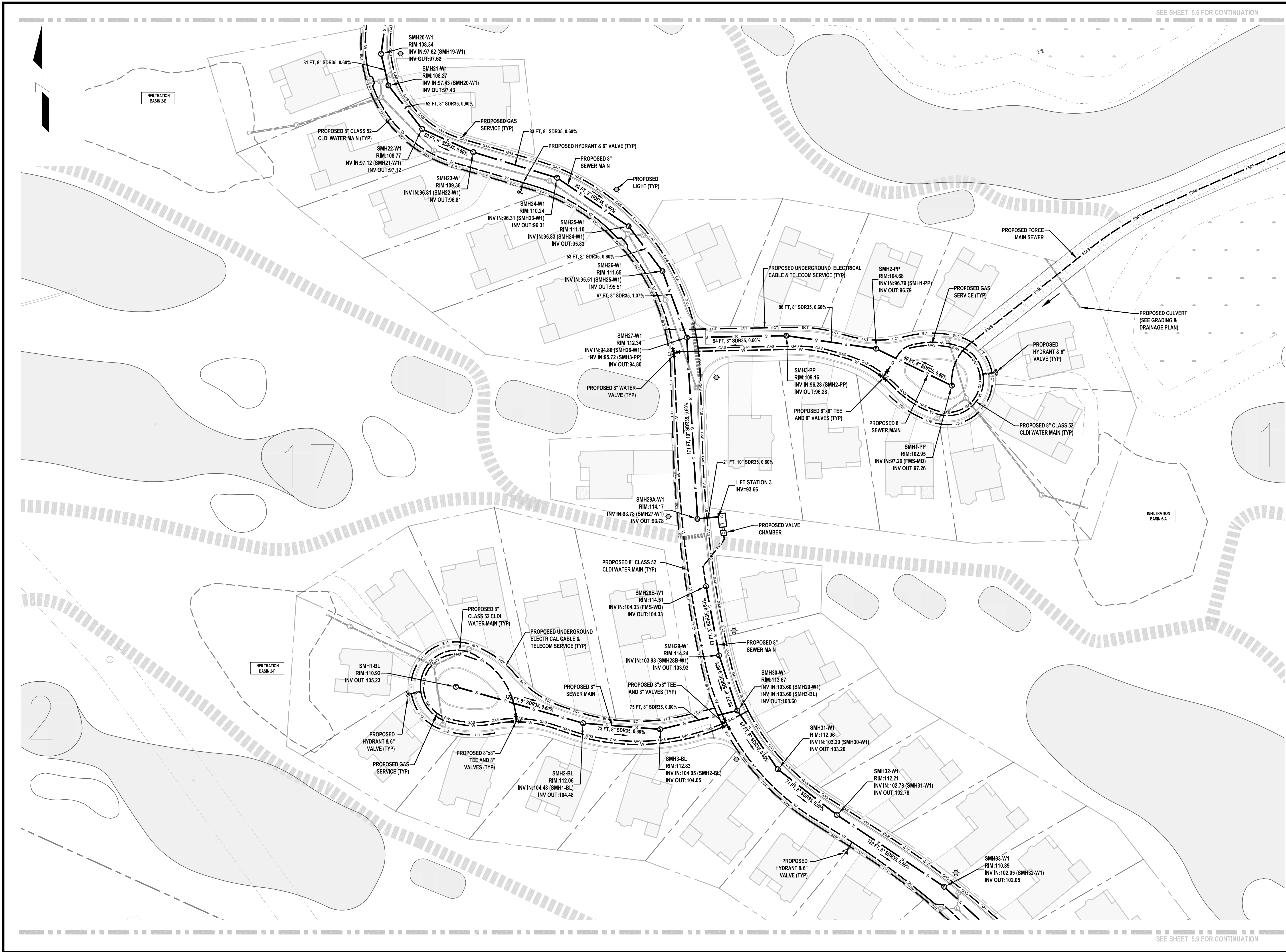
Crocker Design Group
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
UTILITY PLAN 7

Project No.	100-064	Drawing No.	C-5.7
Date	08 / 06 / 2023		
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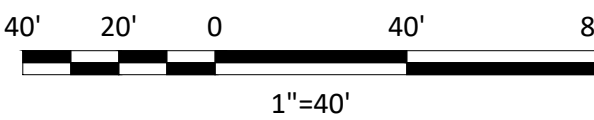


FINAL HYDRANT LOCATION, AND WATER MAIN SIZING TO BE COORDINATED WITH PEMBROKE FIRE DEPARTMENT AND PEMBROKE WATER DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER MAINS ACCORDING TO PIPE AND FITTING MANUFACTURER SPECS.

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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

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Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

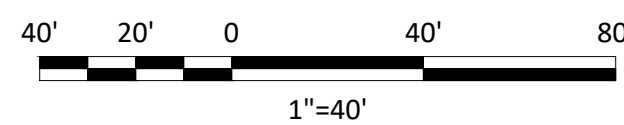
Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
UTILITY PLAN 8

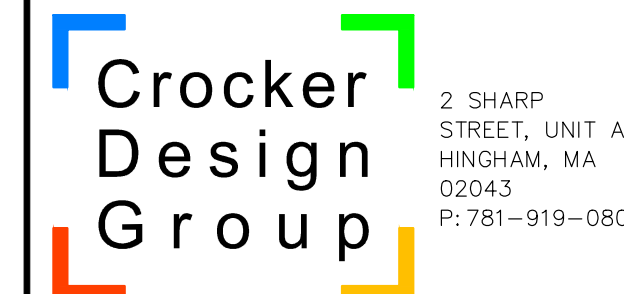
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Date	08 / 06 / 2023		
Scale	1" = 40'		
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Approved By	TC		

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12/11/23	PEER REVIEW UPDATES	
Date	Description	M
	Revisions	



Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

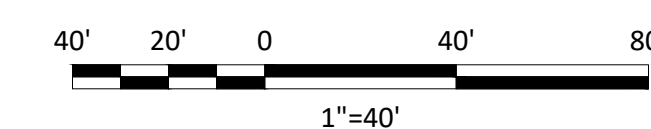
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UTILITY PLAN 10

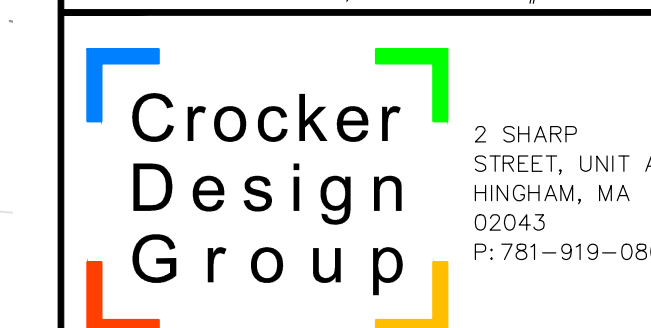
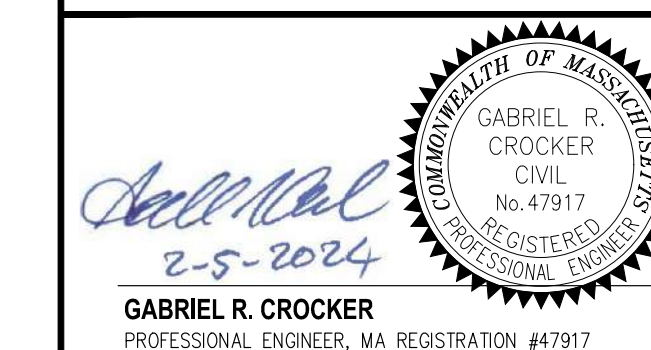
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Approved By	TC	

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12/11/23	PEER REVIEW UPDATES	
Date	Description	
	Revisions	



Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

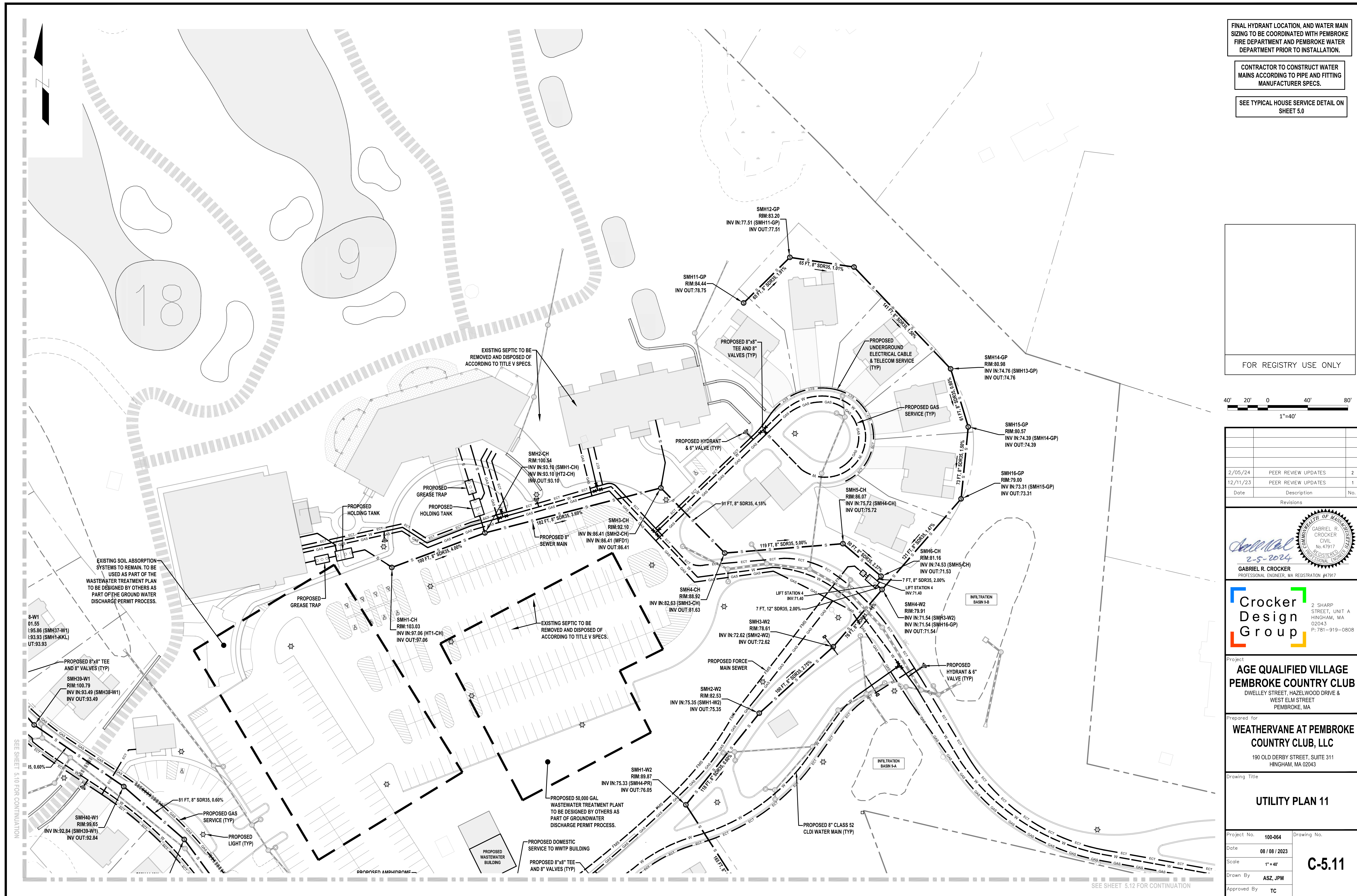
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COUNTRY CLUB, LLC**

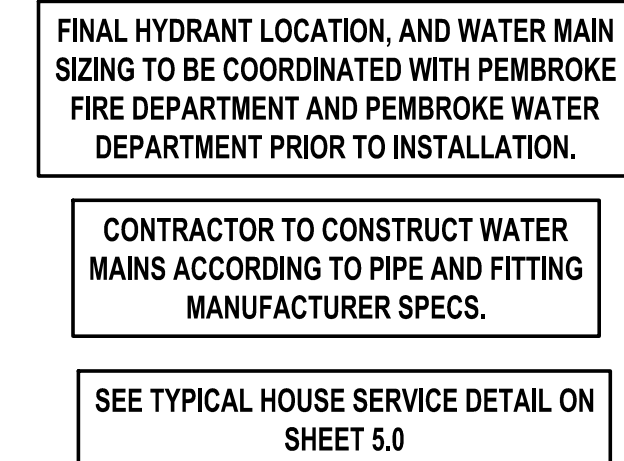
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HINGHAM, MA 02043

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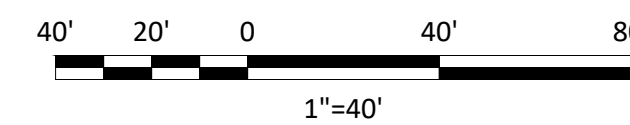
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Approved By	TC		

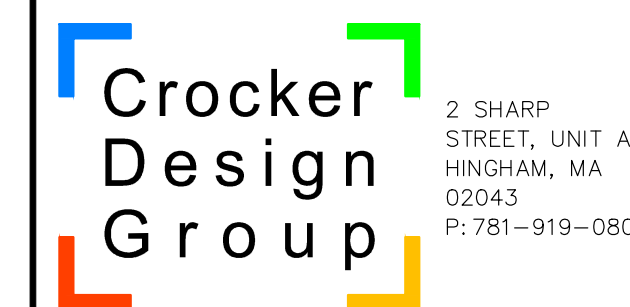
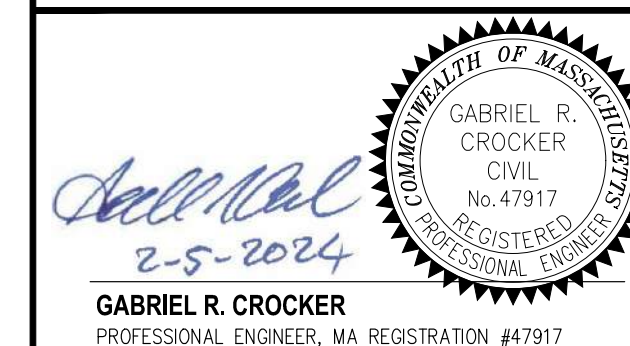




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12/11/23	PEER REVIEW UPDATES	
Date	Description	N
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Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

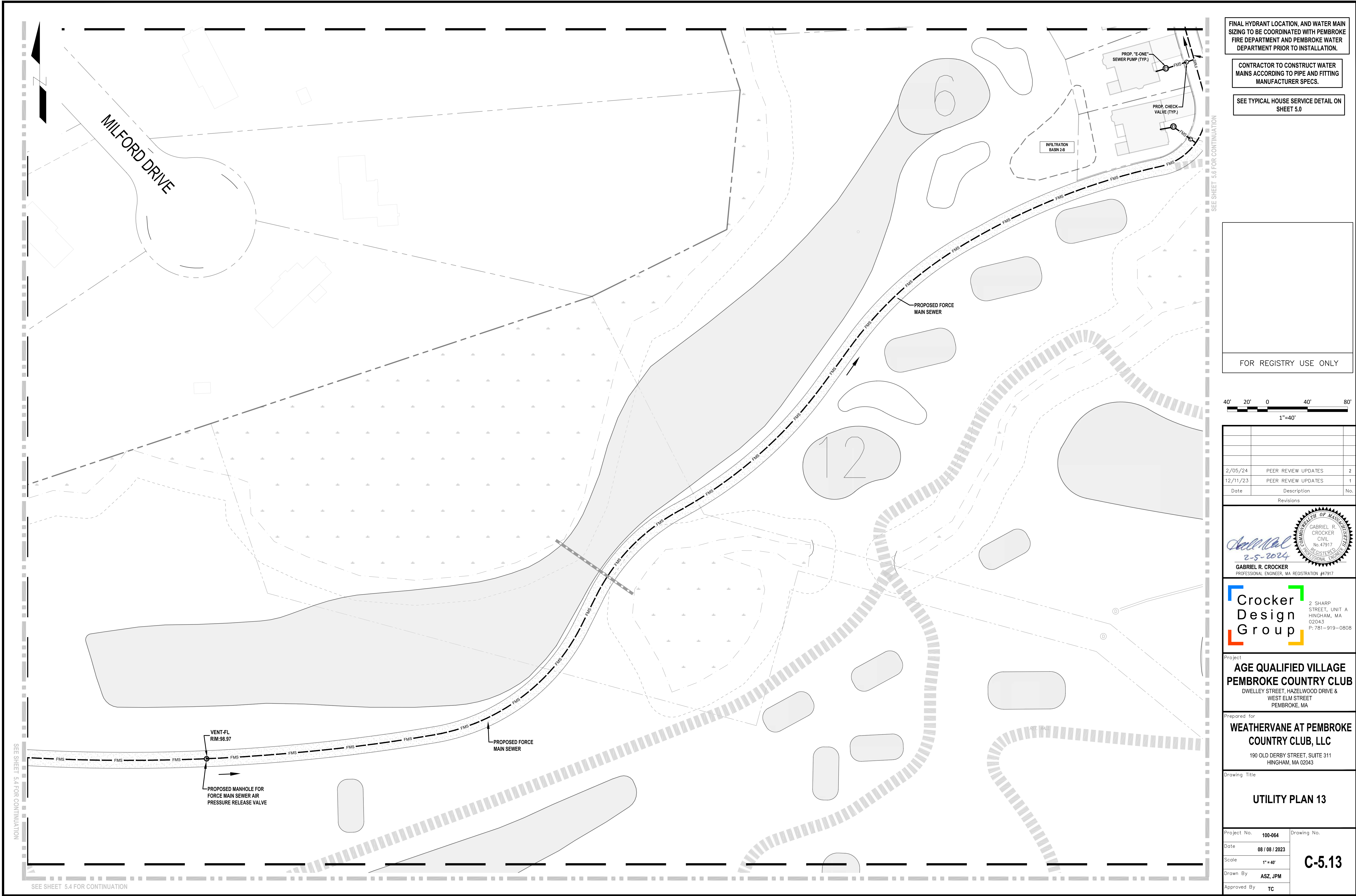
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

UTILITY PLAN 12

Project No.	100-064	Drawing No. C-5.12
Date	08 / 08 / 2023	
Scale	1" = 40'	
Drawn By	ASZ, JPM	
Approved By	TC	

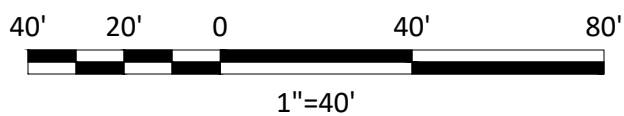


FINAL HYDRANT LOCATION, AND WATER MAIN SIZING TO BE COORDINATED WITH PEMBROKE FIRE DEPARTMENT AND PEMBROKE WATER DEPARTMENT PRIOR TO INSTALLATION.

CONTRACTOR TO CONSTRUCT WATER MAINS ACCORDING TO PIPE AND FITTING MANUFACTURER SPECS.

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12/11/23	PEER REVIEW UPDATES	1

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2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

COMMONWEALTH OF MASSACHUSETTS
GABRIEL R. CROCKER
CIVIL
No. 47917
REGISTERED PROFESSIONAL ENGINEER

Crocker Design Group

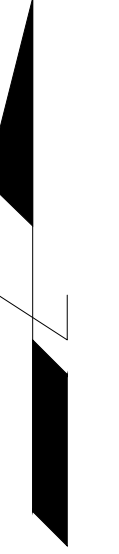
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

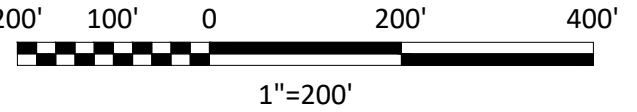
Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
UTILITY PLAN 13

Project No.	100-064	Drawing No.	C-5.13
Date	08 / 08 / 2023		
Scale	1" = 40'		
Drawn By	ASZ, JPM		
Approved By	TC		



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Date	Description	No.
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12/11/23	PEER REVIEW UPDATES	1

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**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

TEST PIT PLAN

Project No.	100-064	Drawing No.	C-7.1
Date	08 / 08 / 2023		
Scale			
Drawn By	ASZ, JPM		
Approved By	TC		

SOIL TEST DATA

SOIL TESTING AND EVALUATION BY: TAYLOR CORSANO S.E. #14263
SOIL TESTING WITNESSED BY: MARTHA SULLIVAN AND BRUCE BOUCK
DATE: JANUARY 30, 2020

TP#20-1 EL. 103.1 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 11" A HORIZON LOAM 7.5YR 2.5/2 102.2 11" TO 26" B HORIZON SANDY LOAM 7.5YR 5/8 100.9 26" TO 156" C LAYER LOAMY SAND 7.5YR 5/6 90.1 PR =5 MIN/IN BOTTOM OF HOLE	TP#20-2 EL. 95.9 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" O HORIZON LOAM 7.5YR 2.5/1 95.7 2" TO 6" A HORIZON LOAM 7.5YR 4/4 95.4 6" TO 14" B LAYER SANDY LOAM 7.5 Y 7/8 94.7 14" TO 72" C1 LAYER LOAMY SAND 7.5YR 4/3 89.9 72" TO 168" C2 LAYER SAND 7.5YR 5/4 81.9 PR =2 MIN/IN BOTTOM OF HOLE	TP#20-3 EL. 95.7 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 4" O HORIZON LOAM 7.5YR 2.5/1 95.3 4" TO 16" A HORIZON LOAM 7.5YR 3/3 94.3 16" TO 24" B LAYER SANDY LOAM 7.5 Y 4/6 93.7 24" TO 67" C1 LAYER LOAMY SAND 7.5 Y 4/6 90.1 67" TO 180" C2 LAYER SAND 7.5 Y 5/4 80.7 BOTTOM OF HOLE	TP#20-4 EL. 101.2 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 8" A HORIZON LOAM 10YR 3/4 100.5 8" TO 24" B HORIZON LOAMY SAND 10YR 4/6 99.2 24" TO 186" C LAYER LOAMY SAND 10YR 5/3 85.7 PR =7 MIN/IN BOTTOM OF HOLE	OSE-TP#1 EL. 100.1 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 70" FILL 94.3 70" TO 113" C1 LAYER COARSE SAND 2.5Y 5/4 90.7 113" TO 180" C2 LAYER SAND 2.5Y 7/2 85.1 BOTTOM OF HOLE	OSE-TP#2 EL. 105.28 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 21" FILL 103.5 21" TO 64" C1 LAYER COARSE SAND 2.5Y 5/4 100.0 64" TO 174" C2 LAYER LOAMY SAND 2.5Y 6/3 90.8 BOTTOM OF HOLE	OSE-TP#3 EL. 100.7 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 72" C1 LAYER LOAMY SAND 2.5Y 7/4 94.7 72" TO 162" C2 LAYER SAND 2.5Y 6/3 87.2 BOTTOM OF HOLE	TP#11 EL. 104.6 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 104.5 2" TO 28" FILL 102.3 28" TO 32" A LAYER SANDY LOAM 10YR 3/2 102.0 32" TO 38" Bw LAYER LOAMY SAND 10YR 6/6 101.5 38" TO 122" C LAYER LOAMY SAND 2.5Y 6/4 94.5 PR =12 MIN/IN BOTTOM OF HOLE	TP#12 EL. 104.8 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 104.6 2" TO 19" FILL 103.2 19" TO 126" C LAYER LOAMY SAND 2.5Y 6/4 94.2 PR =9 MIN/IN BOTTOM OF HOLE	TP#13 EL. 106.2 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 106.1 2" TO 26" FILL 104.1 26" TO 29" A LAYER SANDY LOAM 10YR 3/2 103.8 29" TO 33" Bw LAYER SANDY LOAM 10YR 6/6 103.5 33" TO 108" C LAYER LOAMY SAND 2.5Y 6/4 97.2 108" TO 120" C2 LAYER LOAMY SAND 2.5Y 6/4 95.2 BOTTOM OF HOLE	TP#14 EL. 94.6 NO REDOX/GROUNDWATER ENCOUNTERED AT 136" 0" TO 5" ASPHALT 94.2 5" TO 11" Bw LAYER 93.7 11" TO 56" C LAYER LOAMY SAND 2.5Y 6/4 89.9 56" TO 156" C2 LAYER LOAMY SAND 2.5Y 6/4 81.6 PR =17 MIN/IN BOTTOM OF HOLE	TP#15 EL. 94.08 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 93.9 2" TO 46" FILL 90.2 46" TO 48" A LAYER SANDY LOAM 10YR 3/2 90.1 48" TO 55" Bw LAYER LOAMY SAND 10YR 6/6 89.5 55" TO 98" C LAYER LOAMY SAND 2.5Y 7/2 85.9 98" TO 120" C2 LAYER LOAMY SAND 2.5Y 5/4 84.1 BOTTOM OF HOLE	TP#1 EL. 65 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 5" FILL LOAM 64.6 5" TO 24" B LAYER LOAMY SAND 63 24" TO 120" C LAYER SAND 55 BOTTOM OF HOLE	TP#2 EL. 83 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 6" A HORIZON LOAM 82.5 6" TO 36" B HORIZON LOAMY SAND 80 36" TO 108" C LAYER COARSE SAND 74 BOTTOM OF HOLE	TP#3 EL. 94 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 5" A HORIZON LOAM 93.6 5" TO 12" B HORIZON LOAMY SAND 93 12" TO 60" C1 LAYER COARSE SAND 89 60" TO 114" C2 LAYER FINE SAND 84.5 BOTTOM OF HOLE	TP#4 EL. 98 GROUNDWATER ENCOUNTERED AT ±126" 0" TO 3" A HORIZON LOAM 97.8 3" TO 42" B HORIZON LOAMY SAND 94.5 42" TO 114" C LAYER COARSE SAND 88.5 BOTTOM OF HOLE
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TP#20-5 EL. 99.3 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 6" A HORIZON LOAM 7.5 YR 3/1 98.8 6" TO 16" B HORIZON SANDY LOAM 7.5YR 4/6 97.9 16" TO 174" C LAYER LOAMY SAND 7.5 Y 4/3 84.8 BOTTOM OF HOLE	TP#20-6 EL. 104.3 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 5" Ap LAYER LOAM 7.5 YR 3/1 103.9 5" TO 30" Bw LAYER SANDY LOAM 7.5 Y 4/6 101.8 30" TO 44" BC LAYER LOAMY SAND 7.5 Y 5/3 100.6 44" TO 147" C LAYER LOAMY SAND 7.5YR 4/4 92.0 BOTTOM OF HOLE	TP#20-7 EL. 100.0 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 10" FILL 99.1 10" TO 162" C LAYER LOAMY SAND 7.5 YR 5/6 86.5 BOTTOM OF HOLE
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SOIL TEST DATA

SOIL TESTING AND EVALUATION BY: DAVID NEWMALL S.E. #14226
DATE: JANUARY 5, 2023

TP#23-12 EL. 101.9 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 6" A LAYER LOAM 101.4 6" TO 24" B LAYER SANDY LOAM 99.9 24" TO 108" C LAYER LOAMY SAND 92.9 BOTTOM OF HOLE	TP#23-13 EL. 86.9 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 5" LOAM 86.5 5" TO 19" B LAYER LOAMY SAND 85.3 19" TO 106" C LAYER COARSE SAND 78.0 106" TO 108" D LAYER FINE SAND 77.8 BOTTOM OF HOLE	TP#23-14 EL. 98.9 GROUNDWATER ENCOUNTERED AT 34" 0" TO 32" FILL 96.2 32" TO 44" AB LAYER LOAMY LOAM 10YR 2/2 95.2 44" TO 70" C1 LAYER SAND 2.5Y 6/2 93.0 BOTTOM OF HOLE	TP#23-15 EL. 100.3 REDOX ENCOUNTERED AT 28" 0" TO 18" LOAMY SAND 10YR 2/2 98.8 18" TO 30" B LAYER LOAMY SAND 10YR 5/6 97.8 30" TO 58" C1 LAYER LOAMY SAND 2.5Y 5/2 95.5 BOTTOM OF HOLE	TP#23-16 EL. 105.1 REDOX ENCOUNTERED AT 36" 0" TO 28" FILL 102.8 28" TO 38" B LAYER LOAMY SAND 102.0 38" TO 70" C1 LAYER LOAMY SAND 99.3 BOTTOM OF HOLE	TP#8 EL. 90.0 GROUNDWATER ENCOUNTERED AT 120" 0" TO 7" Ap LAYER SANDY LOAM 10YR 3/2 89.4 7" TO 24" Bw LAYER SANDY LOAM 10YR 5/4 88.0 24" TO 73" C1 LAYER LOAMY SAND 2.5Y 6/3 83.9 73" TO 124" C2 LAYER SAND 2.5Y 6/3 79.7 BOTTOM OF HOLE	TP#9 EL. 79.8 GROUNDWATER ENCOUNTERED STANDING WATER AT 68" REDOX ENCOUNTERED AT 42" 0" TO 5" A LAYER SANDY LOAM 10YR 3/2 79.4 5" TO 80" C LAYER SAND 2.5Y 6/3 73.2 BOTTOM OF HOLE	TP#10 EL. 84.4 GROUNDWATER ENCOUNTERED STANDING WATER AT 110" REDOX ENCOUNTERED AT 90" 0" TO 6" Ap LAYER SANDY LOAM 10YR 3/2 83.9 6" TO 28" Bw LAYER SANDY LOAM 10YR 5/6 82.1 28" TO 112" C LAYER SAND 2.5Y 6/3 75.1 BOTTOM OF HOLE	TP#11-A EL. 83.8 GROUNDWATER ENCOUNTERED STANDING WATER AT 110" 0" TO 8" Ap LAYER SANDY LOAM 10YR 3/2 83.1 8" TO 24" Bw LAYER SANDY LOAM 10YR 5/4 81.8 24" TO 90" C1 LAYER LOAMY SAND 2.5Y 6/3 76.3 90" TO 112" C2 LAYER SAND 2.5Y 6/3 74.4 BOTTOM OF HOLE	TP#11-B EL. 83.8 GROUNDWATER ENCOUNTERED AT 106" REDOX ENCOUNTERED AT 82" 0" TO 6" Ap LAYER SANDY LOAM 10YR 3/2 83.3 6" TO 28" Bw LAYER SANDY LOAM 10YR 5/4 81.4 28" TO 96" C1 LAYER SANDY LOAM 2.5Y 6/3 75.8 96" TO 122" C2 LAYER SAND 2.5Y 6/3 73.6 BOTTOM OF HOLE	TP#25 EL. 86.8 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 6" Ap LAYER SANDY LOAM 86.3 6" TO 20" Bw LAYER SANDY LOAM 85.1 20" TO 120" C LAYER FINE SAND 76.8 BOTTOM OF HOLE	TP#26 EL. 85.7 REDOX ENCOUNTERED AT 114" 0" TO 3" Ap LAYER SANDY LOAM 85.4 3" TO 11" Bw LAYER SANDY LOAM 84.7 11" TO 126" C LAYER SAND 75.1 BOTTOM OF HOLE	TP#27 EL. 85.3 GROUNDWATER ENCOUNTERED AT 132" 0" TO 3" Ap LAYER SANDY LOAM 85.0 3" TO 12" Bw LAYER SANDY LOAM 84.2 12" TO 132" C LAYER SAND 74.2 BOTTOM OF HOLE	TP#38-39 EL. 108.5 REDOX ENCOUNTERED AT 102" 0" TO 2" O LAYER 100.0 2" TO 6" Ap LAYER SANDY LOAM 99.7 6" TO 22" Bw LAYER SANDY LOAM 98.4 22" TO 136" C LAYER LOAMY SAND 88.9 BOTTOM OF HOLE	TP#38-39 EL. 108.5 REDOX ENCOUNTERED AT 102" 0" TO 2" O LAYER 100.0 2" TO 6" Ap LAYER SANDY LOAM 99.7 6" TO 22" Bw LAYER SANDY LOAM 98.4 22" TO 136" C LAYER LOAMY SAND 88.9 BOTTOM OF HOLE
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TP#23-17 EL. 111.1 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 6" A HORIZON LOAMY SAND 10YR 3/2 110.6 6" TO 16" B HORIZON LOAMY SAND 10YR 5/6 109.8 16" TO 120" C1 LAYER LOAMY SAND 2.5Y 5/2 101.1 BOTTOM OF HOLE	TP#18-A EL. 106.0 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 72" FILL 100.0 72" TO 94" B HORIZON LOAMY SAND 98.2 94" TO 108" C1 LAYER SAND 97.0 BOTTOM OF HOLE	TP#23-18B EL. 106.0 KEEPING/REDOX ENCOUNTERED AT ±88" 0" TO 48" FILL 102.0 48" TO 60" SAND 101.0 BOTTOM OF HOLE	TP#23-19 EL. 120.4 GROUNDWATER ENCOUNTERED AT ±62" 0" TO 12" A HORIZON LOAMY SAND 10YR 5/6 119.4 12" TO 28" B HORIZON LOAMY SAND 10YR 5/6 118.2 28" TO 68" C1 LAYER FINE SAND 2.5Y 5/4 114.9 BOTTOM OF HOLE	TP#23-20 EL. 111.47 GROUNDWATER ENCOUNTERED AT 78" 0" TO 8" A LAYER LOAM 110.8 8" TO 16" B LAYER LOAMY SAND 110.1 16" TO 110" C LAYER SAND 102.3 BOTTOM OF HOLE
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TP#23-21 EL. 97.1 REDOX ENCOUNTERED AT 46" 0" TO 22" FILL 95.3 22" TO 30" AB LAYER LOAMY SAND 10YR 3/2 94.6 30" TO 42" B LAYER LOAMY SAND 10YR 5/6 93.6 42" TO 80" C1 LAYER LOAMY SAND 2.5Y 5/2 90.4 BOTTOM OF HOLE	TP#23-22 EL. 99.0 GROUNDWATER ENCOUNTERED AT 70" 0" TO 12" A LAYER LOAMY SAND 10YR 3/2 98.0 12" TO 38" B LAYER LOAMY SAND 10YR 5/8 95.9 38" TO 90" C1 LAYER SAND 2.5Y 5/4 91.5 BOTTOM OF HOLE	TP#23-24 EL. 88.4 GROUNDWATER ENCOUNTERED AT 100" 0" TO 8" A LAYER LOAM 81.6 8" TO 26" B LAYER LOAMY SAND 81.6 26" TO 90" C LAYER SAND 81.6 BOTTOM OF HOLE
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SOIL TEST DATA

SOIL TESTING AND EVALUATION BY: RAYMOND MILLIS S.E. #2612
SOIL TESTING WITNESSED BY: MARTHA SULLIVAN AND BRUCE BOUCK
DATE: OCTOBER 28, 2021

OSE-TP#1 EL. 100.1 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 70" FILL 94.3 70" TO 113" C1 LAYER COARSE SAND 2.5Y 5/4 90.7 113" TO 180" C2 LAYER SAND 2.5Y 7/2 85.1 BOTTOM OF HOLE	OSE-TP#2 EL. 105.28 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 21" FILL 103.5 21" TO 64" C1 LAYER COARSE SAND 2.5Y 5/4 100.0 64" TO 174" C2 LAYER LOAMY SAND 2.5Y 6/3 90.8 BOTTOM OF HOLE	OSE-TP#3 EL. 100.7 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 72" C1 LAYER LOAMY SAND 2.5Y 7/4 94.7 72" TO 162" C2 LAYER SAND 2.5Y 6/3 87.2 BOTTOM OF HOLE
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TP#11 EL. 104.6 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 104.5 2" TO 28" FILL 102.3 28" TO 32" A LAYER SANDY LOAM 10YR 3/2 102.0 32" TO 38" Bw LAYER LOAMY SAND 10YR 6/6 101.5 38" TO 122" C LAYER LOAMY SAND 2.5Y 6/4 94.5 PR =12 MIN/IN BOTTOM OF HOLE	TP#12 EL. 104.8 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 104.6 2" TO 19" FILL 103.2 19" TO 126" C LAYER LOAMY SAND 2.5Y 6/4 94.2 PR =9 MIN/IN BOTTOM OF HOLE	TP#16 EL. 101.0 GROUNDWATER ENCOUNTERED AT 136" 0" TO 4" A LAYER SANDY LOAM 10YR 3/2 100.7 4" TO 24" Bw LAYER LOAMY SAND 10YR 5/6 99.0 24" TO 152" C LAYER LOAMY SAND 2.5Y 6/4 88.3 BOTTOM OF HOLE	TP#17 EL. 100 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 99.8 2" TO 47" FILL 96.1 47" TO 56" A LAYER SANDY LOAM 10YR 3/2 95.3 56" TO 58" Bw LAYER SANDY LOAM 10YR 6/6 95.2 58" TO 124" C LAYER FINE SAND 2.5Y 7/2 89.7 PR =4 MIN/IN BOTTOM OF HOLE
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SOIL TEST DATA

SOIL TESTING AND EVALUATION BY: RAYMOND MILLIS S.E. #2612
SOIL TESTING WITNESSED BY: MARTHA SULLIVAN, BRUCE BOUCK, AND ROBERT GREEN
DATE: APRIL 7, 2022

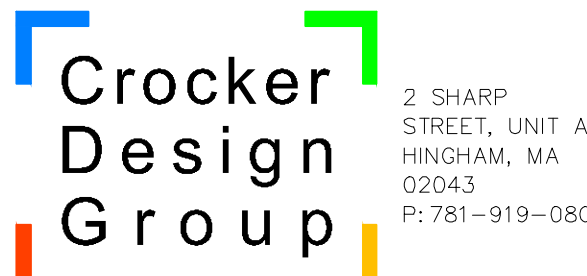
TP#13 EL. 106.2 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 106.1 2" TO 26" FILL 104.1 26" TO 29" A LAYER SANDY LOAM 10YR 3/2 103.8 29" TO 33" Bw LAYER SANDY LOAM 10YR 6/6 103.5 33" TO 108" C LAYER LOAMY SAND 2.5Y 6/4 97.2 108" TO 120" C2 LAYER LOAMY SAND 2.5Y 6/4 95.2 BOTTOM OF HOLE	TP#14 EL. 94.6 NO REDOX/GROUNDWATER ENCOUNTERED AT 136" 0" TO 5" ASPHALT 94.2 5" TO 11" Bw LAYER 93.7 11" TO 56" C LAYER LOAMY SAND 2.5Y 6/4 89.9 56" TO 156" C2 LAYER LOAMY SAND 2.5Y 6/4 81.6 PR =17 MIN/IN BOTTOM OF HOLE	TP#15 EL. 94.08 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 2" ASPHALT 93.9 2" TO 46" FILL 90.2 46" TO 48" A LAYER SANDY LOAM 10YR 3/2 90.1 48" TO 55" Bw LAYER LOAMY SAND 10YR 6/6 89.5 55" TO 98" C LAYER LOAMY SAND 2.5Y 7/2 85.9 98" TO 120" C2 LAYER LOAMY SAND 2.5Y 5/4 84.1 BOTTOM OF HOLE
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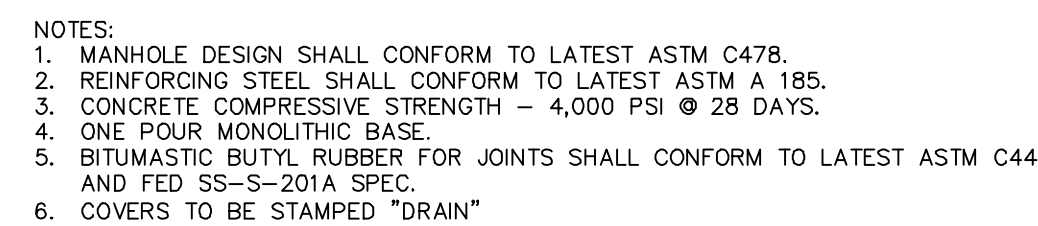
TP#5 EL. 103 REDOX ENCOUNTERED AT 72" 0" TO 10" A LAYER LOAM 102.2 10" TO 24" B LAYER LOAMY SAND 101 24" TO 124" C LAYER FINE SAND 92.7 BOTTOM OF HOLE	TP#6 EL. 102 GROUNDWATER ENCOUNTERED AT ±102" REDOX ENCOUNTERED AT 48" 0" TO 12" A LAYER FILL 101 12" TO 24" B LAYER LOAMY SAND 100 24" TO 102" C LAYER COARSE SAND 93.5 BOTTOM OF HOLE	TP#7 EL. 99 GROUNDWATER ENCOUNTERED AT ±96" REDOX ENCOUNTERED AT 55" 0" TO 2" A LAYER LOAM 98.8 2" TO 18" B LAYER LOAMY SAND 97.5 18" TO 96" C LAYER LOAMY SAND 91 96" TO 97" C2 LAYER COARSE SAND 90.9 BOTTOM OF HOLE
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SOIL TEST DATA

SOIL TESTING AND EVALUATION BY: MATTHEW COLLINS S.E. #14611
DATE: JULY 14, 2023

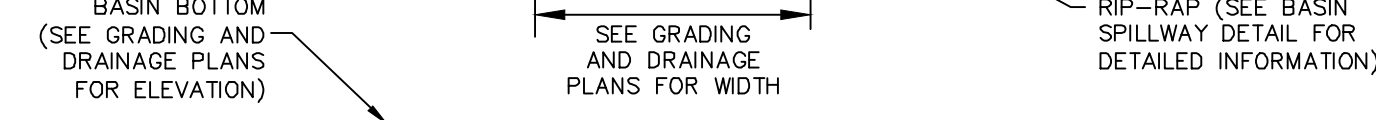
TP#44 EL. 100.8 REDOX ENCOUNTERED AT 90" 0" TO 5" Ap LAYER SANDY LOAM 100.4 5" TO 21" Bw LAYER SANDY LOAM 99.1 21" TO 31" FILL 98.3 31" TO 132" C1 LAYER FINE SAND 89.9 BOTTOM OF HOLE	TP#45 EL. 97.4 REDOX ENCOUNTERED AT 124" 0" TO 3" Ap LAYER SANDY LOAM 97.1 3" TO 35" C1 LAYER SAND 94.4 35" TO 144" C2 LAYER FINE SAND 85.3 BOTTOM OF HOLE	TP#46 EL. 99.0 REDOX ENCOUNTERED AT 126" 0" TO 10" Ap LAYER SANDY LOAM 98.2 10" TO 96" C1 LAYER SAND 91.0 96" TO 120" C2 LAYER LOAMY SAND 89.0 120" TO 144" C3 LAYER SAND 87.0 BOTTOM OF HOLE	TP#47 EL. 92.6 REDOX ENCOUNTERED AT 90" 0" TO 7" Ap LAYER SANDY LOAM 92.0 7" TO 36" Bw LAYER SANDY LOAM 89.6 36" TO 58" C1 LAYER LOAMY SAND 87.8 58" TO 108" C2 LAYER SAND 83.6 BOTTOM OF HOLE	TP#48 EL. 96.7 REDOX ENCOUNTERED AT 54" 0" TO 7" Ap LAYER SANDY LOAM 96.1 7" TO 36" Bw LAYER SANDY LOAM 93.7 36" TO 54" C1 LAYER LOAMY SAND 92.2 54" TO 108" C2 LAYER SAND 87.7 BOTTOM OF HOLE	TP#49 EL. 66.0 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 24" FILL 64.0 24" TO 28" B LAYER SANDY LOAM 63.7 24" TO 32" Bw LAYER SANDY LOAM 63.0 32" TO 120" C LAYER SAND 55.7 BOTTOM OF HOLE	TP#50 EL. 66.4 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 5" Ap LAYER SANDY LOAM 66.0 5" TO 12" Bw LAYER SANDY LOAM 65.4 12" TO 18" FILL 64.9 18" TO 126" C LAYER SAND 55.9 BOTTOM OF HOLE	TP#51 EL. 58.9 NO REDOX/GROUNDWATER ENCOUNTERED 0" TO 4" Ap LAYER SANDY LOAM 58.6 4" TO 18" Bw LAYER SANDY LOAM 57.6 16" TO 24" FILL 56.9 24" TO 120" C LAYER SAND 48.9 BOTTOM OF HOLE
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2/05/24		PEER REVIEW UPDATES	2
12/11/23		PEER REVIEW UPDATES	1
Date	Description	No.	
Revisions			
			
GABRIEL R. CROCKER PROFESSIONAL ENGINEER, MA REGISTRATION #47917			
			
AGE QUALIFIED VILLAGE PEMBROKE COUNTRY CLUB DWELLEY STREET, HAZELWOOD DRIVE & WEST ELM STREET PEMBROKE, MA			
Prepared for WEATHERVANE AT PEMBROKE COUNTRY CLUB, LLC 190 OLD DERBY STREET, SUITE 311 HINGHAM, MA 02043			
Drawing Title			
TEST PIT NOTES			
Project No.	100-064	Drawing No.	C-7.2
Date	08 / 08 / 2023		
Scale			
Drawn By	ASZ, JPM		
Approved By	TC		



NOT TO SCALE

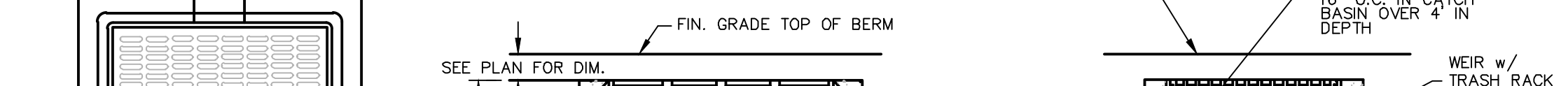
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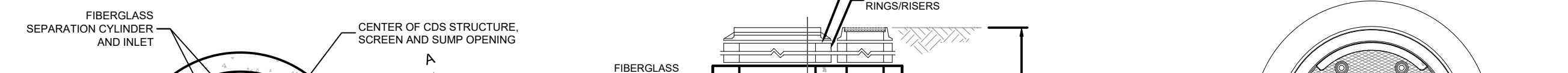
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NOT TO SCALE



NOT TO SCALE



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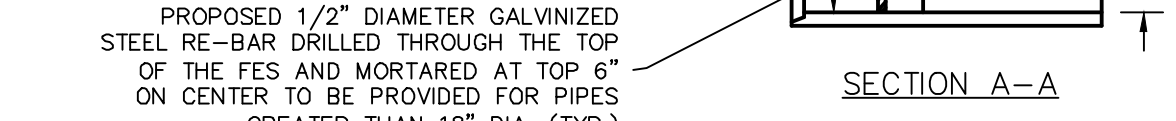
CDS2015-4 DESIGN NOTES	
CDS2015-4 RATED TREATMENT CAPACITY IS 0.7 CFS, OR PER LOCAL REGULATIONS. MAXIMUM HYDRAULIC INTERNAL BYPASS CAPACITY IS 10.0 CFS. IF THE SITE CONDITIONS EXCEED 10.0 CFS, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.	
THE STANDARD CDS2015-4 CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.	
DESIGNATION (MODEL SUFFIX)	CONFIGURATION DESCRIPTION
G	GRATED INLET ONLY (NO INLET PIPE)
GP	GRATED INLET WITH INLET PIPE OR PIPES
K	CURB INLET ONLY (NO INLET PIPE)
KP	CURB INLET WITH INLET PIPE OR PIPES

GENERAL NOTES

1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH * ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH STORMWATER SOLUTIONS REPRESENTATIVE. www.contechstormwater.com
4. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE AND CASTINGS SHALL MEET ASHTO H220 LOAD RATING.
6. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES

1. ANY SUB-BASE, BACKFILL DEPTH; AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
2. (IN CONTRACTOR TO PROVIDE CDS MANHOLE WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
3. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
4. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPS. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
5. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

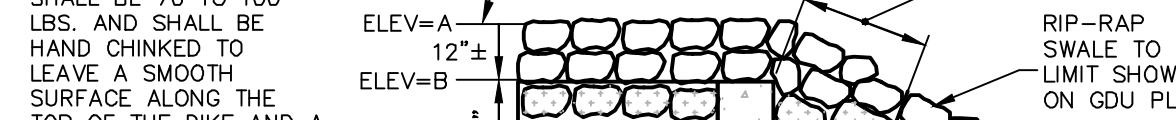


DIAMETER	WEIGHT	A	B	C	L	W
12"	340	4"	1'- 10"	2'- 0"	3'- 10"	2'- 0"
18"	670	9"	2'- 10"	2'- 1"	4'- 2"	3'- 0"
21"	1300	9 1/2"	3'- 6"	2'- 6"	6'- 0"	4'- 0"
24"	1300	9 1/2"	3'- 6"	2'- 6"	6'- 0"	4'- 0"
30"	1850	1'- 0"	4'- 9"	3'- 9"	6'- 1"	5'- 0"
36"	3500	1'- 3"	5'- 2"	2'- 11"	8'- 1"	6'- 0"
42"	4930	1'- 9"	5'- 3"	2'- 11"	8'- 2"	6'- 6"
48"	6700	2'- 0"	6'- 0"	2'- 2"	8'- 2"	7'- 0"
54"	7150	2'- 3"	5'- 6"	2'- 9"	8'- 3"	6'- 10"

NOTES:

1. CLASS AND TYPE OF CONCRETE SHALL BE AS SPECIFIED FOR REINFORCED CONCRETE PIPE.
2. STRUCTURAL DESIGN OF END SECTION SHALL CONFORM TO THAT OF STANDARD REINFORCED CONCRETE CULVERT PIPE.
3. LENGTH OF PIPE SHOWN ON THE PLANS DOES NOT INCLUDE CONNECTOR SECTION (LENGTH C).
4. SECURITY BARS REQUIRED FOR ALL DISCHARGE PIPES 18" IN DIAM. OR GREATER.

NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

2/05/24	PEER REVIEW UPDATES	2
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Date	Description	No.
Revisions		

Seal
2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917



**Crocker
Design
Group**

2 SHARP
STREET, UNIT A
HINGHAM, MA
02043
P: 781-919-0808

Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

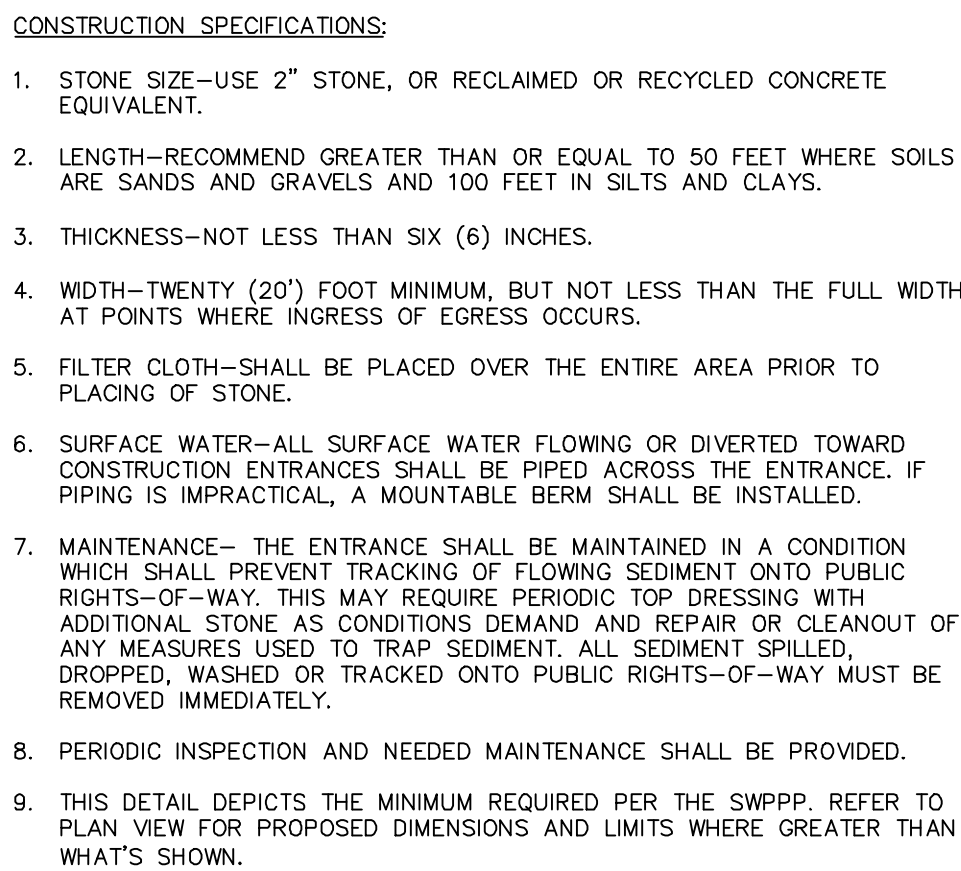
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

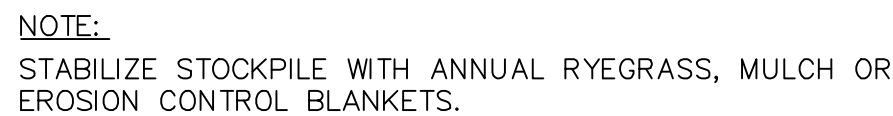
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title		
DETAIL SHEET		
Project No.	100-064	
Date	08 / 08 / 2023	
Scale	C-8.2	
Drawn By		ASZ, JPM
Approved By		TC

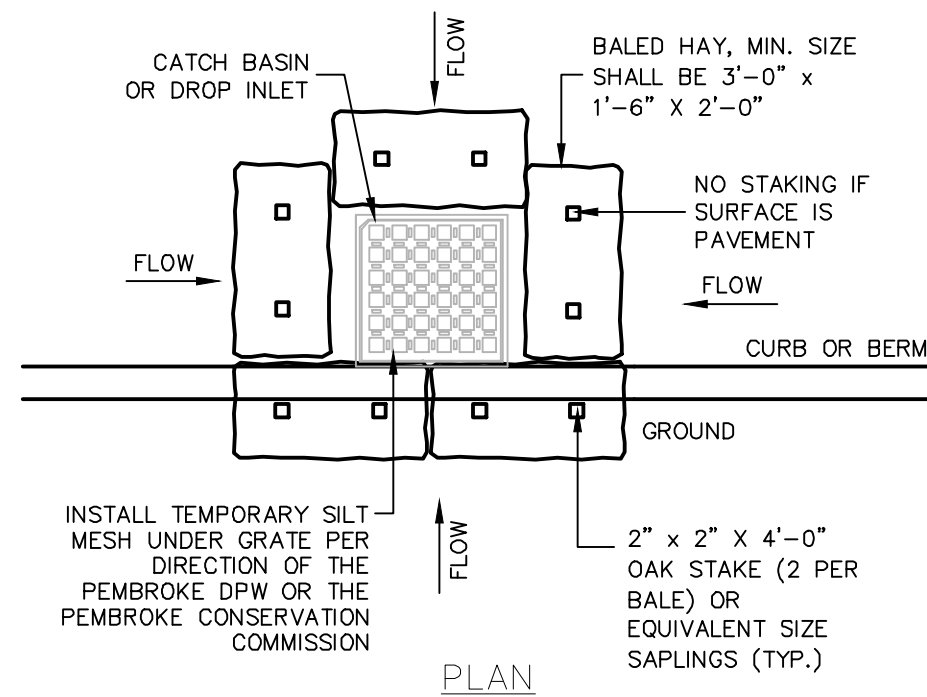


CONSTRUCTION ENTRANCE

NOT TO SCALE

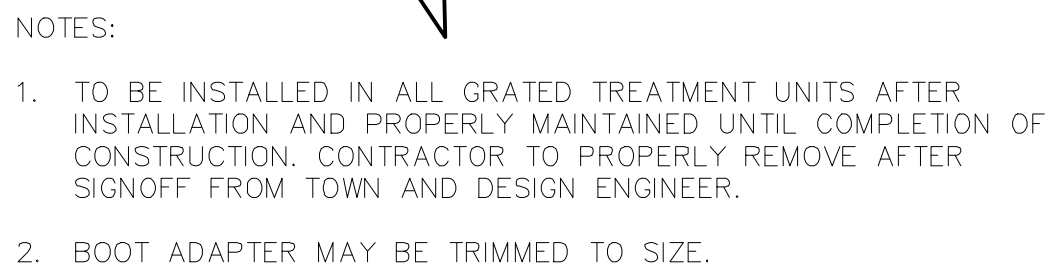


SOIL STOCKPILE
NOT TO SCALE

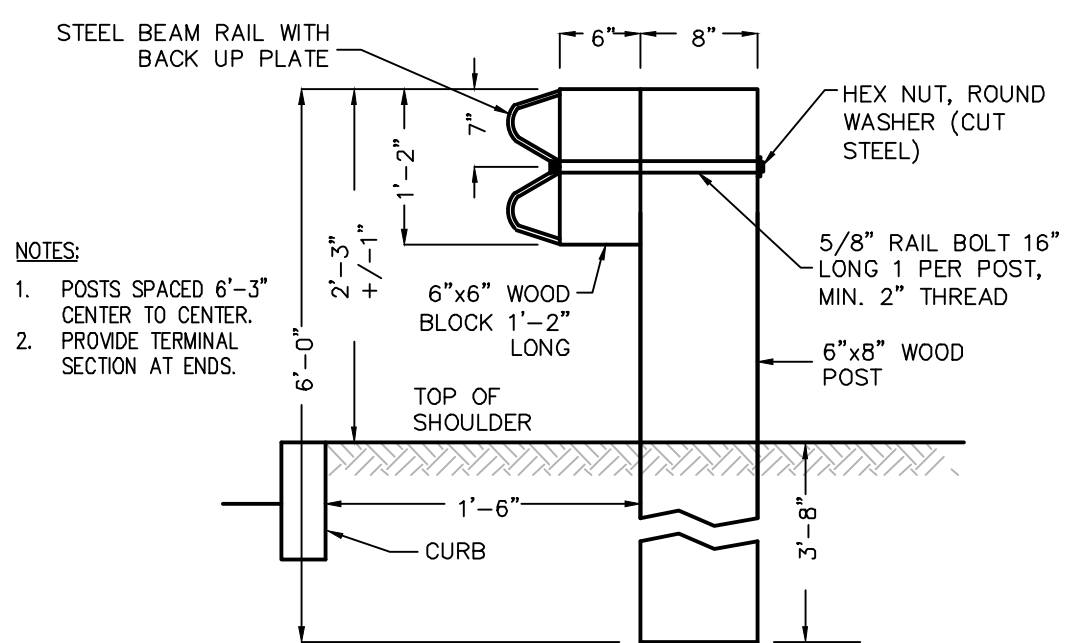


DRAIN INLET PROTECTION

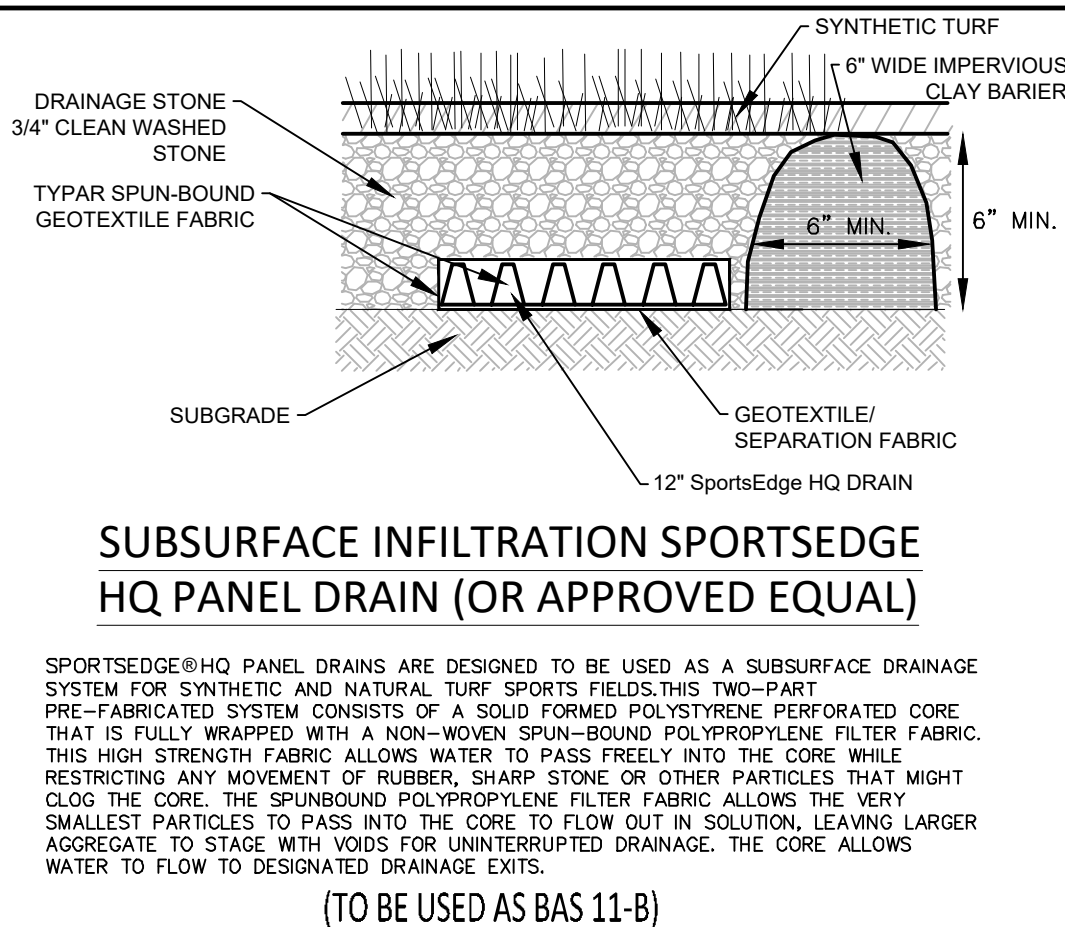
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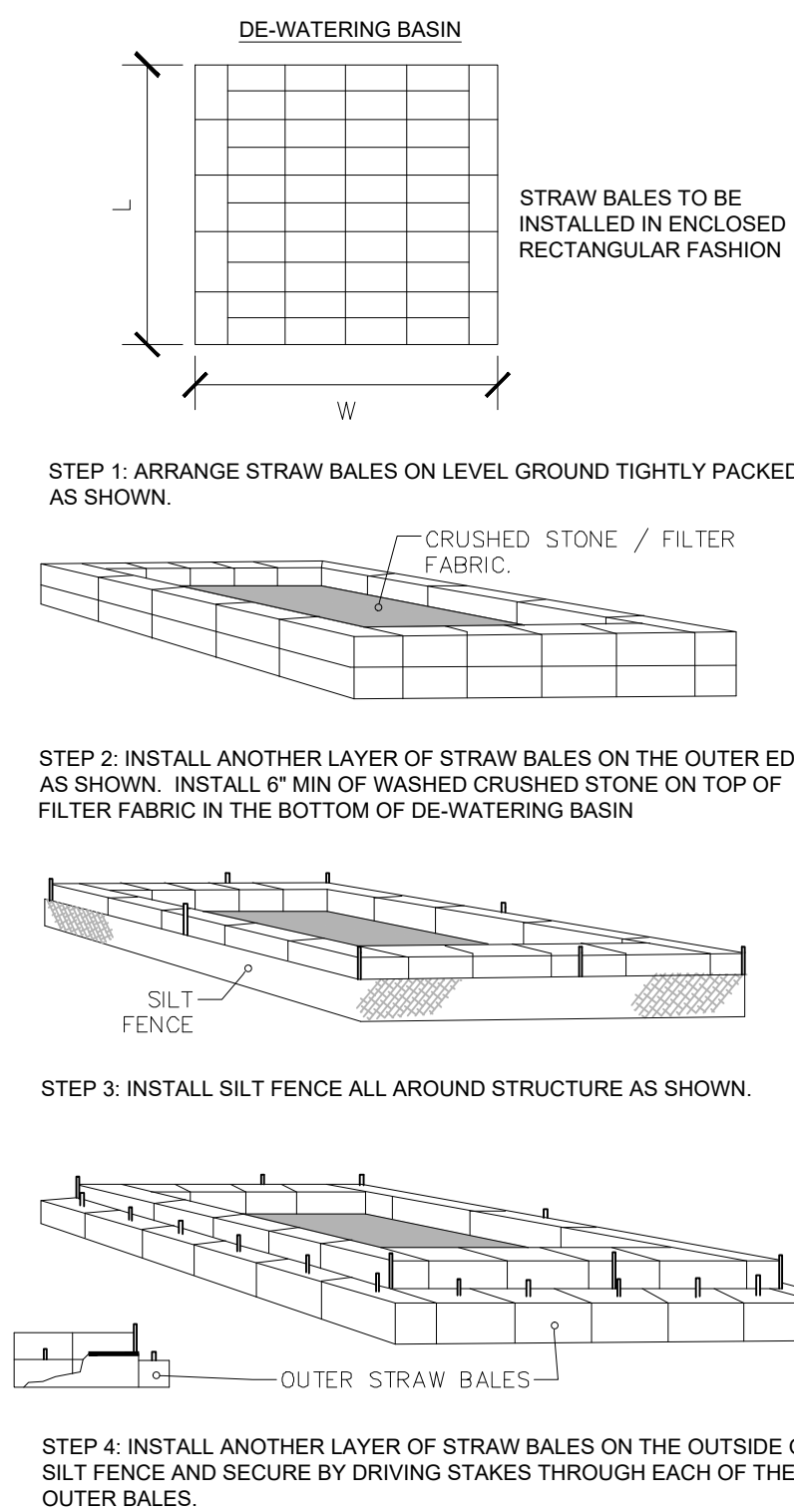
CATCH BASIN EROSION CONTROL MEASURE



WOOD POST GUARD RAIL
NOT TO SCALE



SUBSURFACE INFILTRATION SYSTEM FOR TURF SPORTS FIELD



DE-WATERING DETAIL
NOT TO SCALE



PRE CONSTRUCTION:

CONTRACTOR TO PREVENT SEDIMENT FROM CLOGGING ANY EXPOSED SUBGRADE TO MINIMIZE COMPACTION BY CONSTRUCTION VEHICLES IN AREA OF STORMWATER MANAGEMENT. NO DISCHARGE FROM DEWATERING ACTIVITIES SHALL ENTER STORMWATER MANAGEMENT AREAS. NO STORMWATER DISCHARGE SHALL BE DIRECTED ONTO INFILTRATIVE SURFACES UNTIL CONTRIBUTING AREAS ARE STABILIZED.

POST CONSTRUCTION:

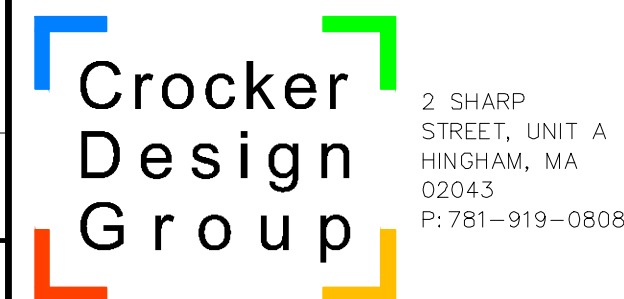
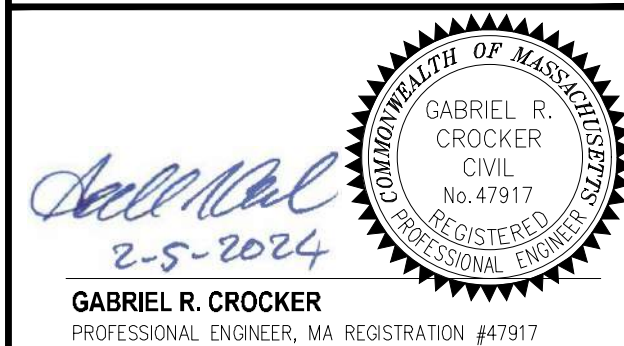
UNTIL VEGETATION HAS BEEN ESTABLISHED, MONTHLY INSPECTIONS ARE RECOMMENDED. ONCE VEGETATION HAS BEEN ESTABLISHED, THE RAIN GARDEN BASE SHALL BE INSPECTED ON AN ANNUAL BASIS. MAINTENANCE SHOULD CONSIST NORMALLY OF REMOVAL OF DEBRIS (PRIMARILY AT THE DOWNSTREAM END OF THE RAIN GARDEN) AND ACCUMULATED SEDIMENT. DURING THE GROWTH SEASON THE GRASS SIDE SLOPES SHALL BE MOWED AT LEAST ONCE A MONTH. OTHER MAINTENANCE TASKS INCLUDE REPLACEMENT OF DEAD VEGETATION, EROSION REPAIR AND PH REGULATION (USUALLY ADDING LIME).

RAIN GARDEN DETAIL

NOT TO SCALE

FOR REGISTRY USE ONLY

2/05/24	PEER REVIEW UPDATES	2
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Date	Description	No
Revisions		



Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

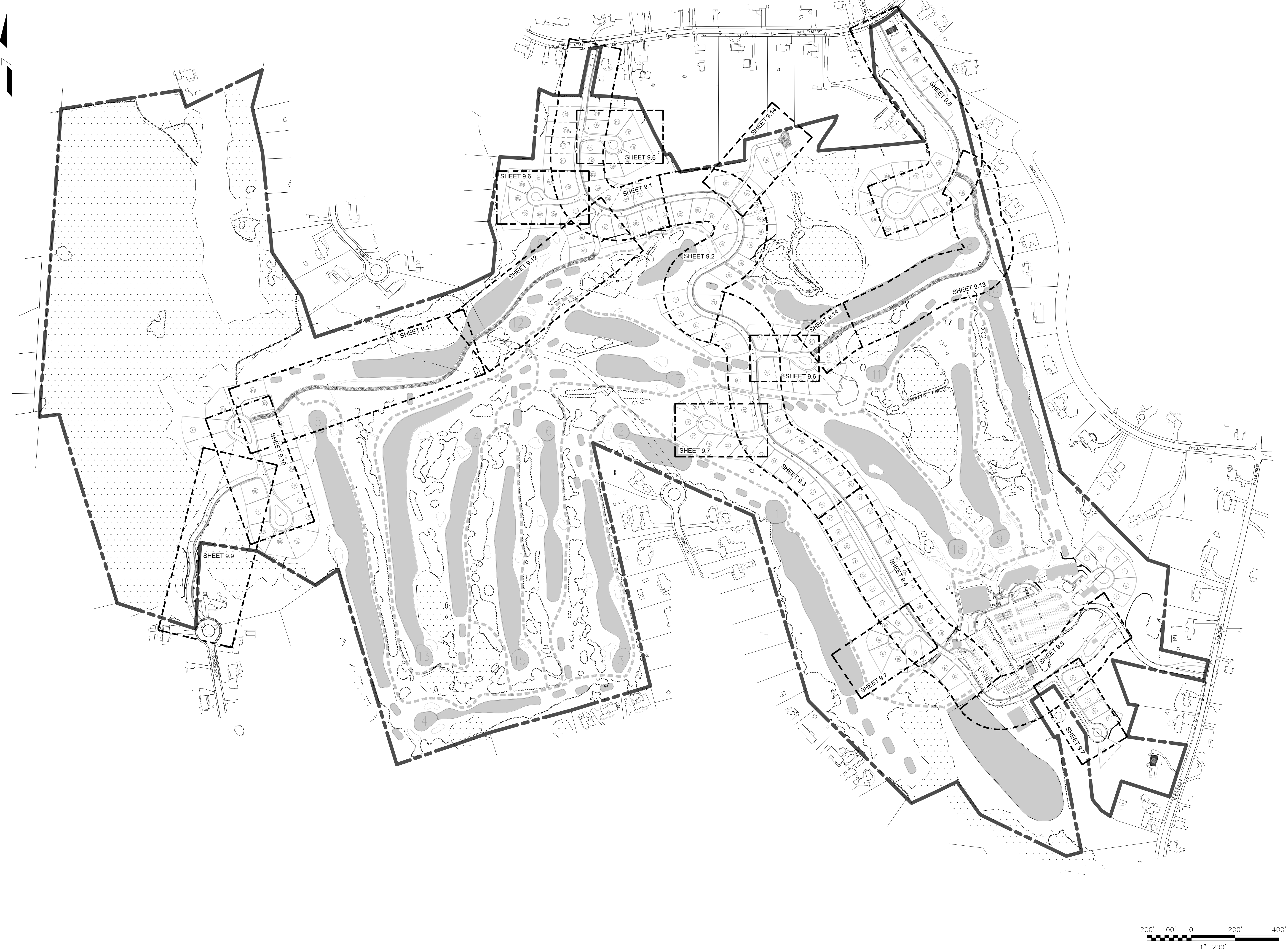
Drawing Title

DETAIL SHEET

Project No.	100-064	Drawing No.
Date	08 / 08 / 2023	C-8.4
Scale		
Drawn By	ASZ, JPM	
Approved By	TC	



Project No.	100-064	Drawing No. C-8.5
Date	08 / 08 / 2023	
Scale		
Drawn By	ASZ, JPM	
Approved By	TC	



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2/05/24	PEER REVIEW UPDATES	2
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Date	Description	No.

Revisions

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project

AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

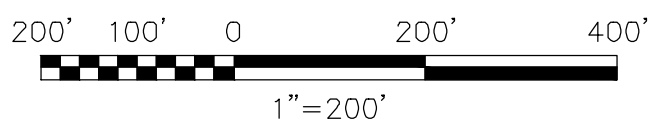
WEATHERVANE AT PEMBROKE COUNTRY CLUB, LLC

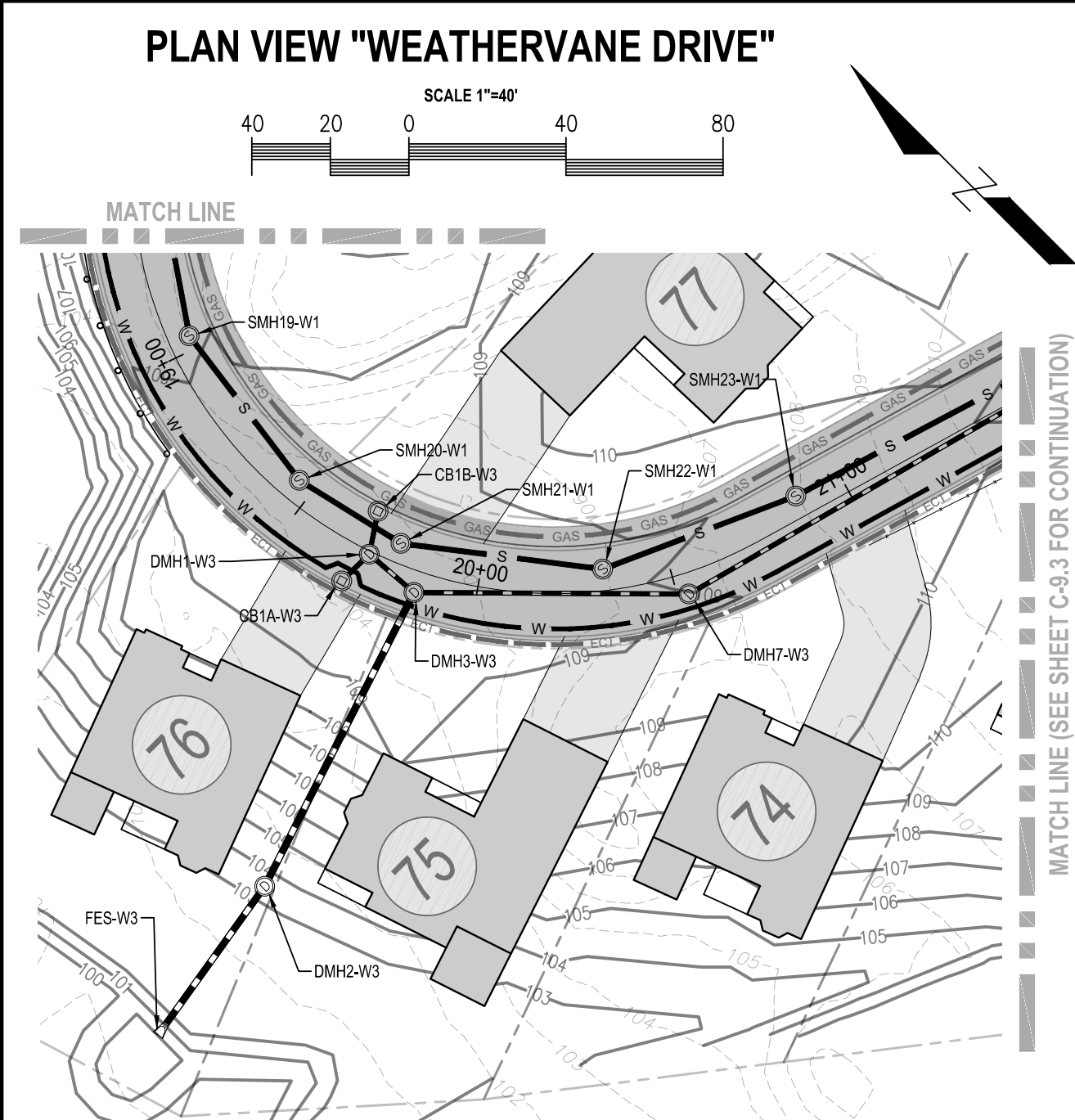
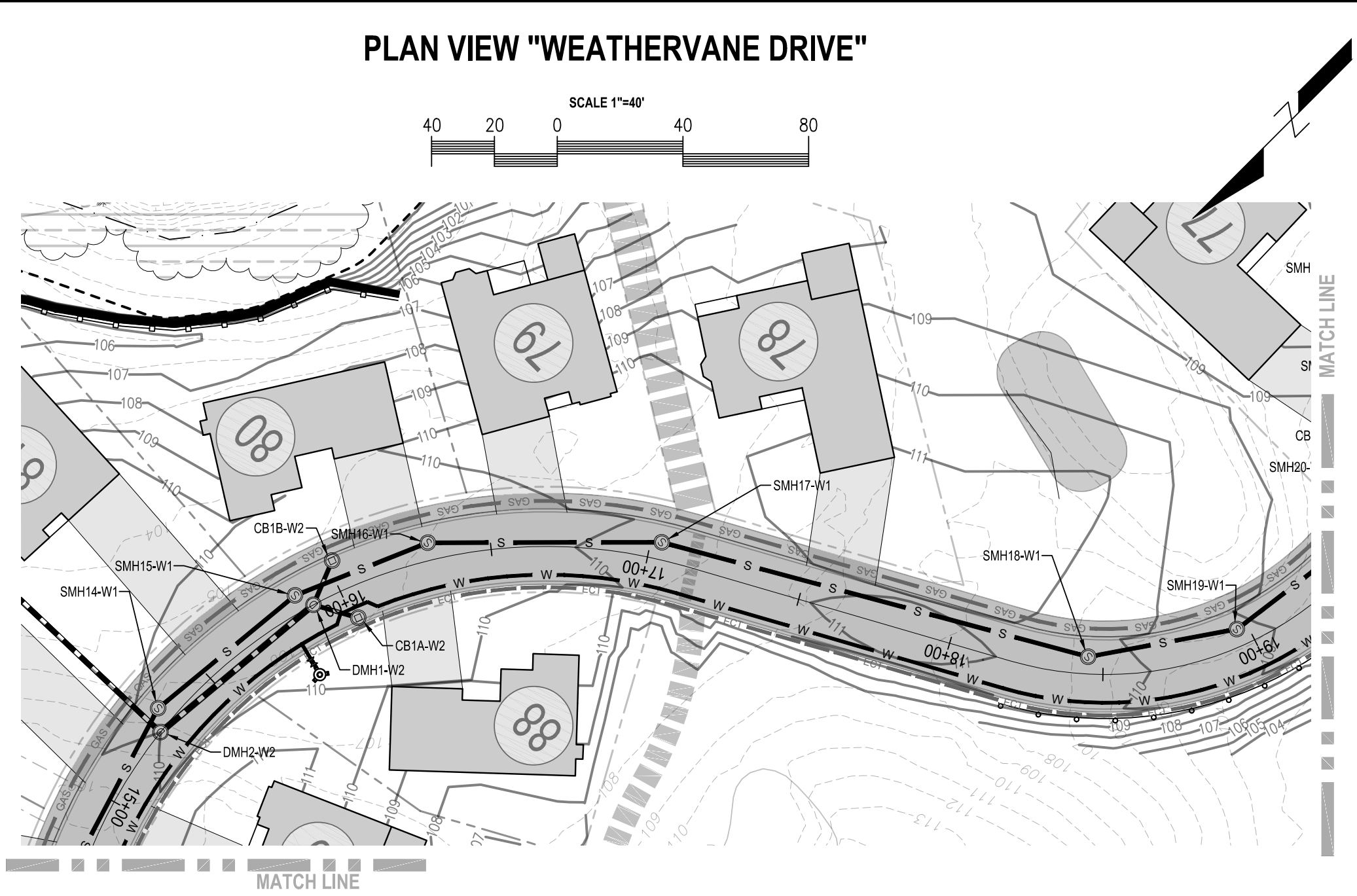
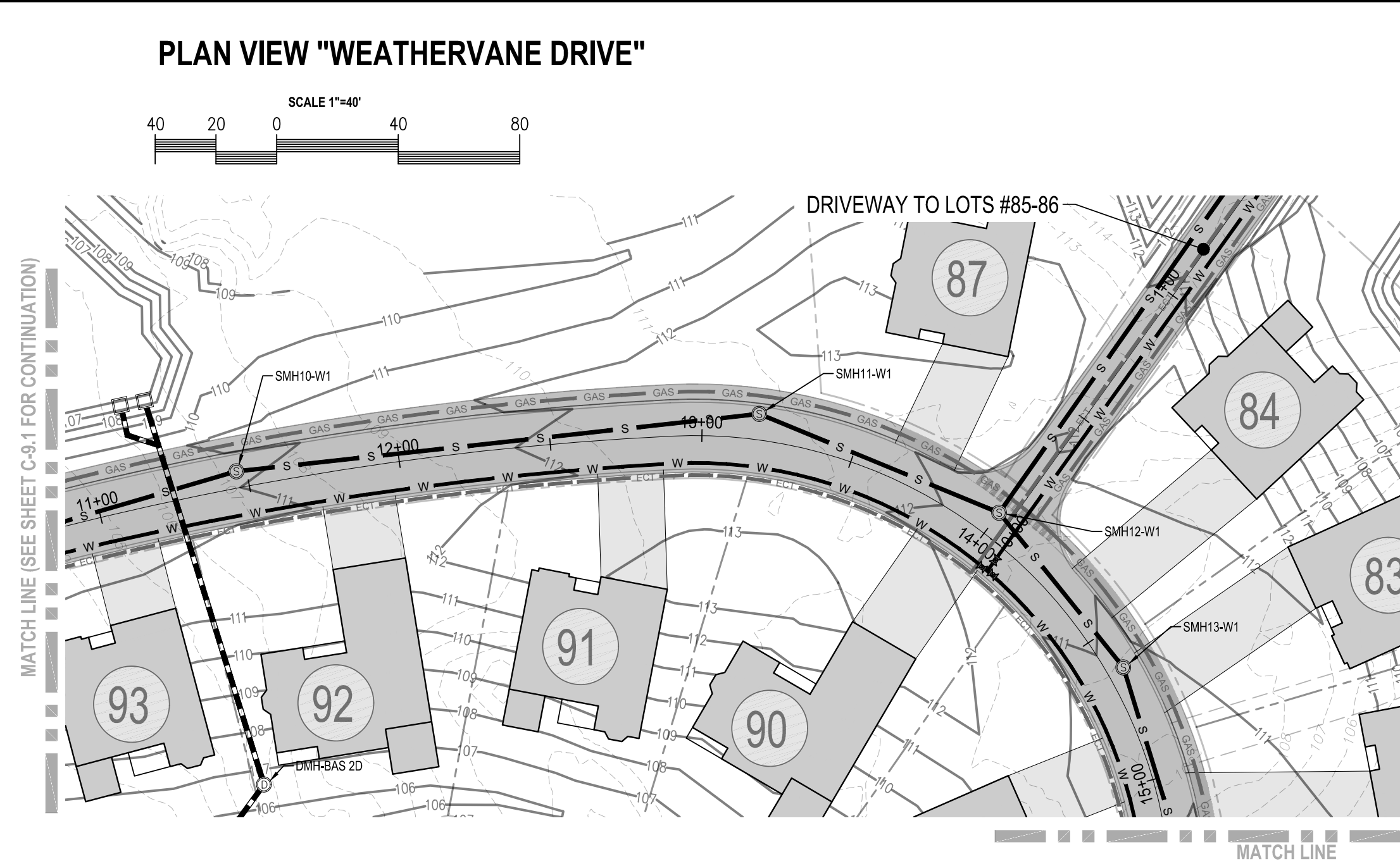
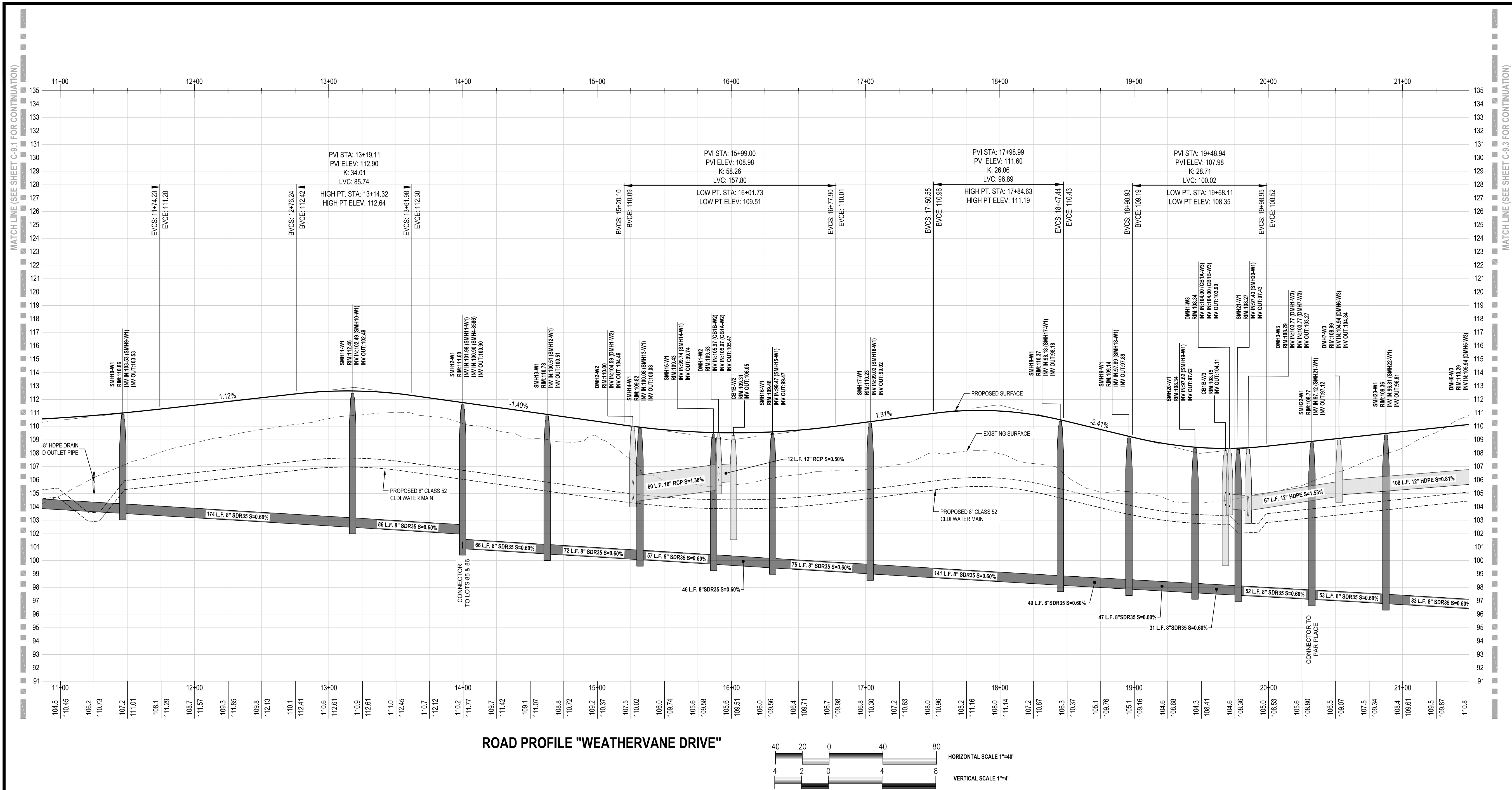
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

**ROAD PROFILE
KEY PLAN**

Project No.	100-064	Drawing No.	C-9.0
Date	08 / 08 / 2023		
Scale			
Drawn By	ASZ, JPM		
Approved By	TC		





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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

Gabe R. Crocker
2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

COMMONWEALTH OF MASSACHUSETTS
GABRIEL R. CROCKER
CIVIL
No. 47917
REGISTERED
PROFESSIONAL ENGINEER

Crocker Design Group

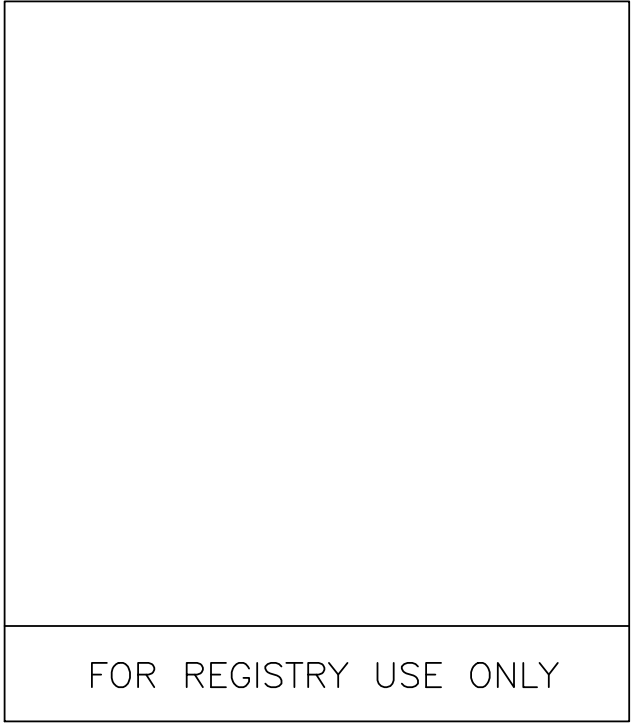
2 SHARP STREET, UNIT A
HINGHAM, MA
02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

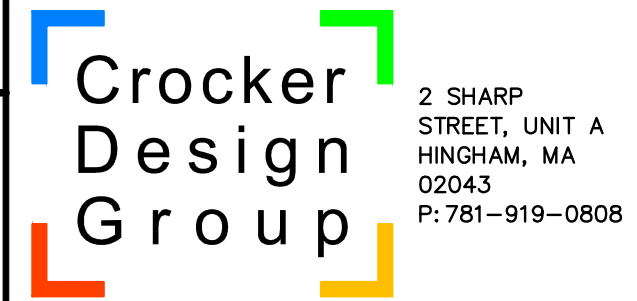
Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
ROAD PROFILES

Project No.	100-064	Drawing No.	C-9.2
Date	08 / 08 / 2023		
Scale	AS NOTED		
Drawn By	ASZ, JPM		
Approved By	TC		



2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1
Date	Description	No.



Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

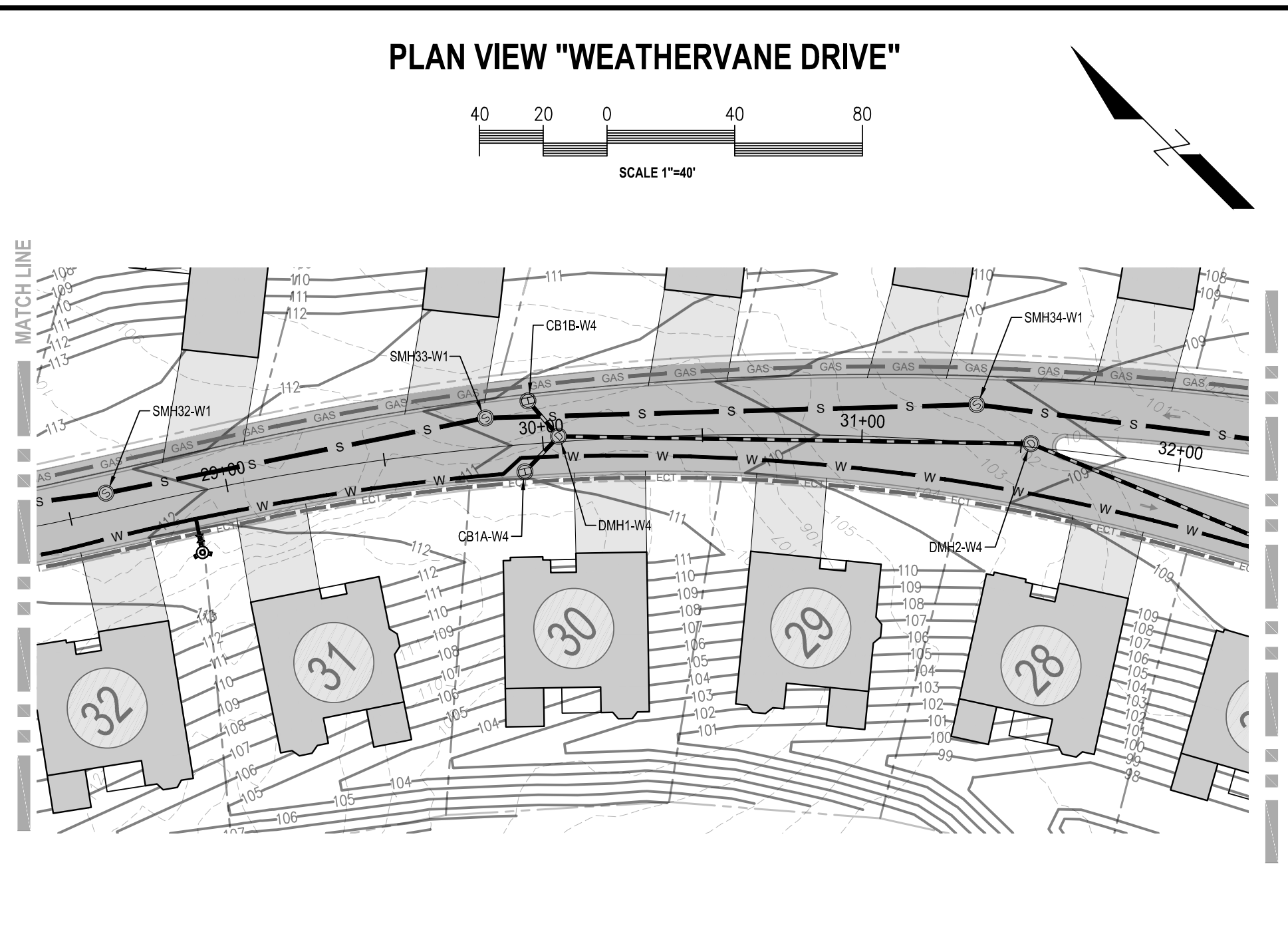
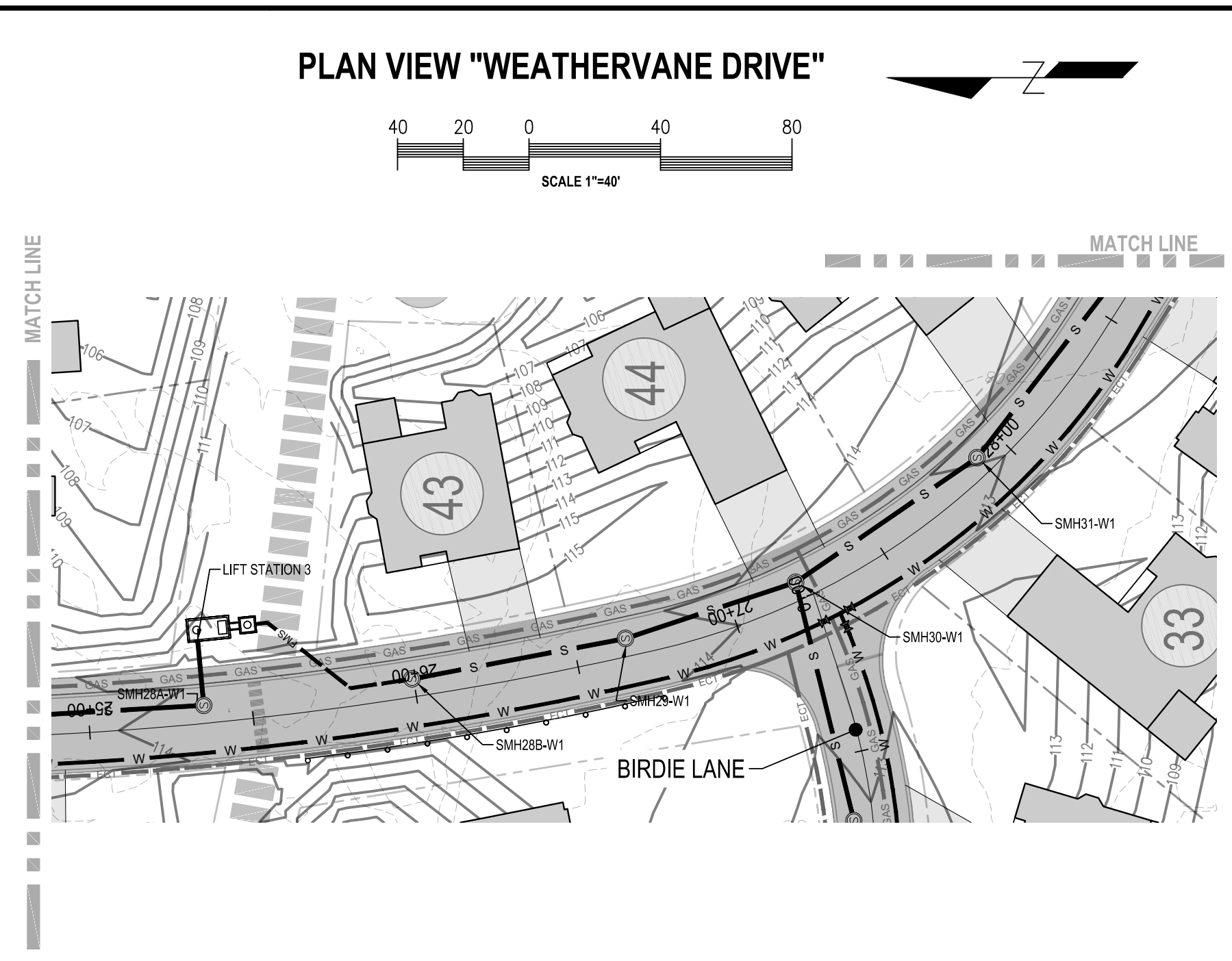
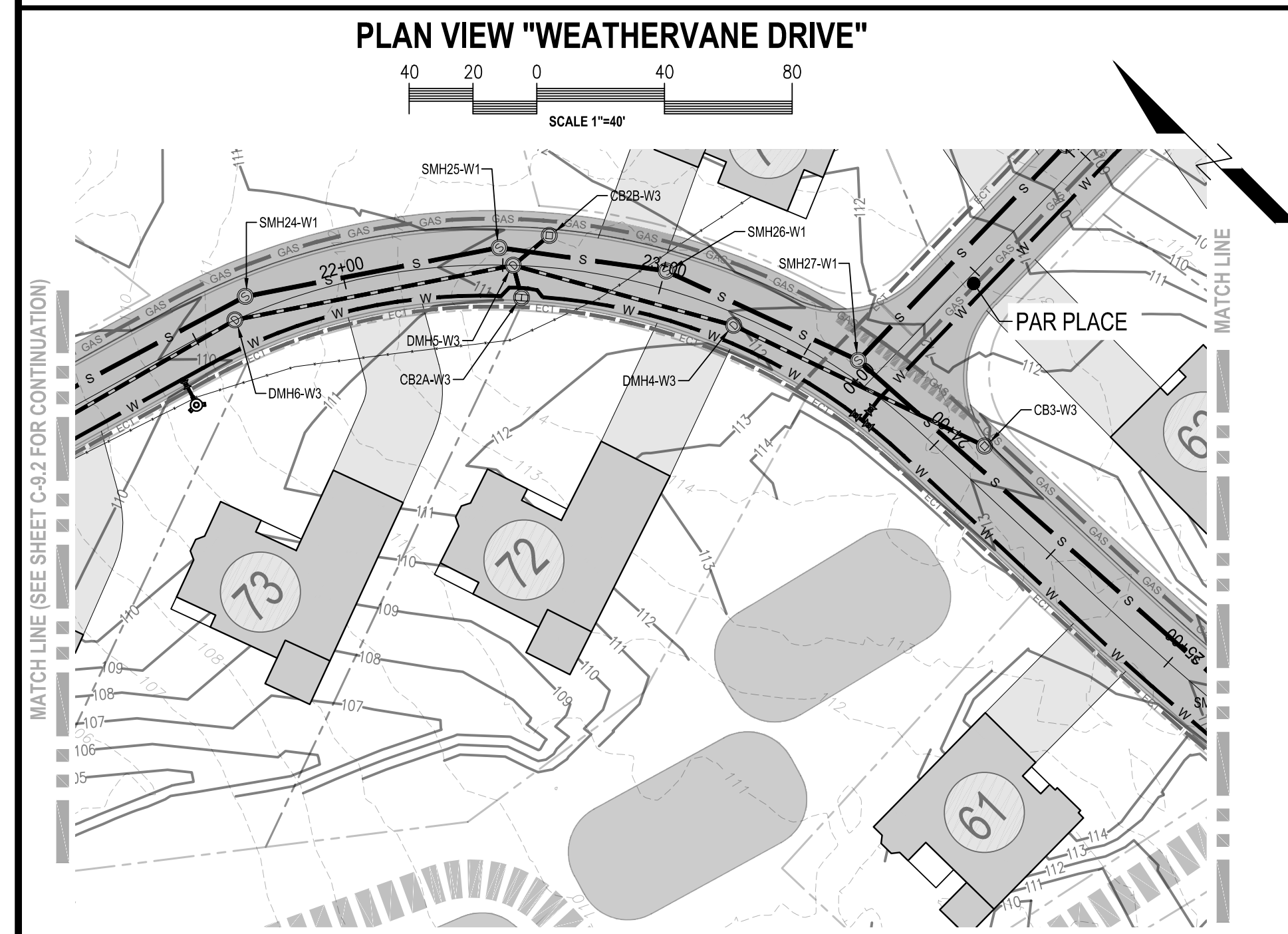
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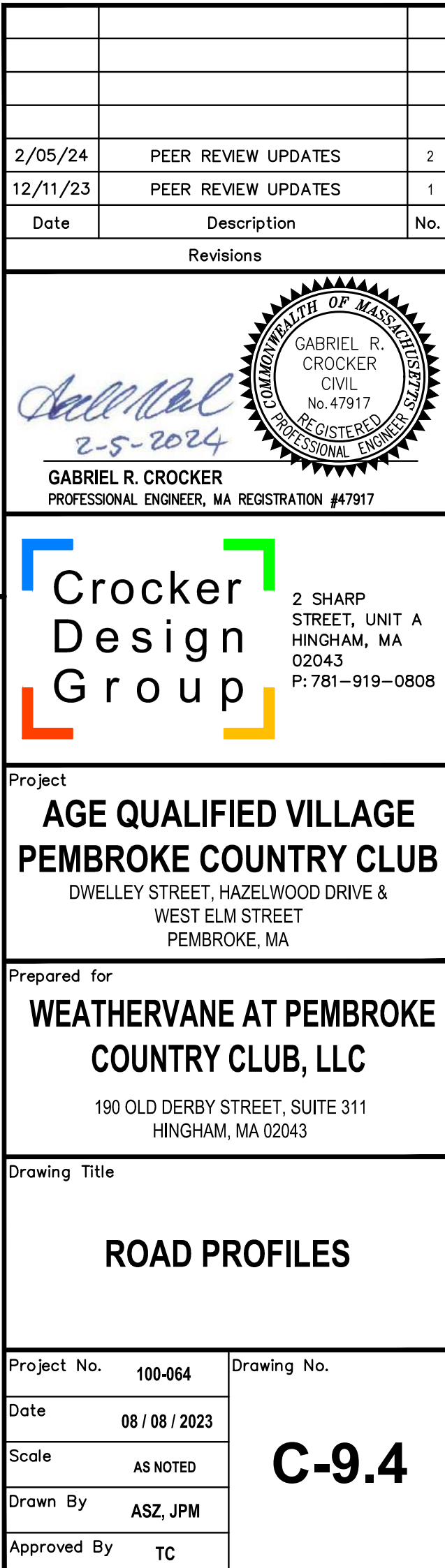
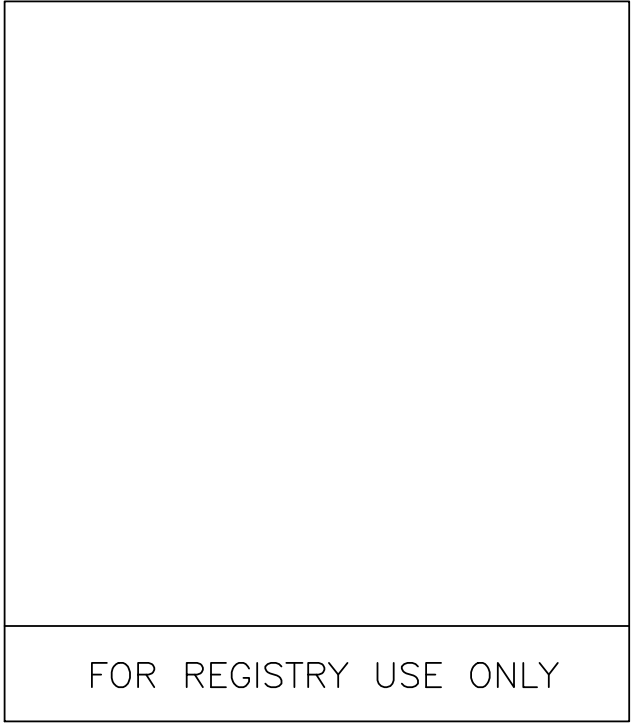
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

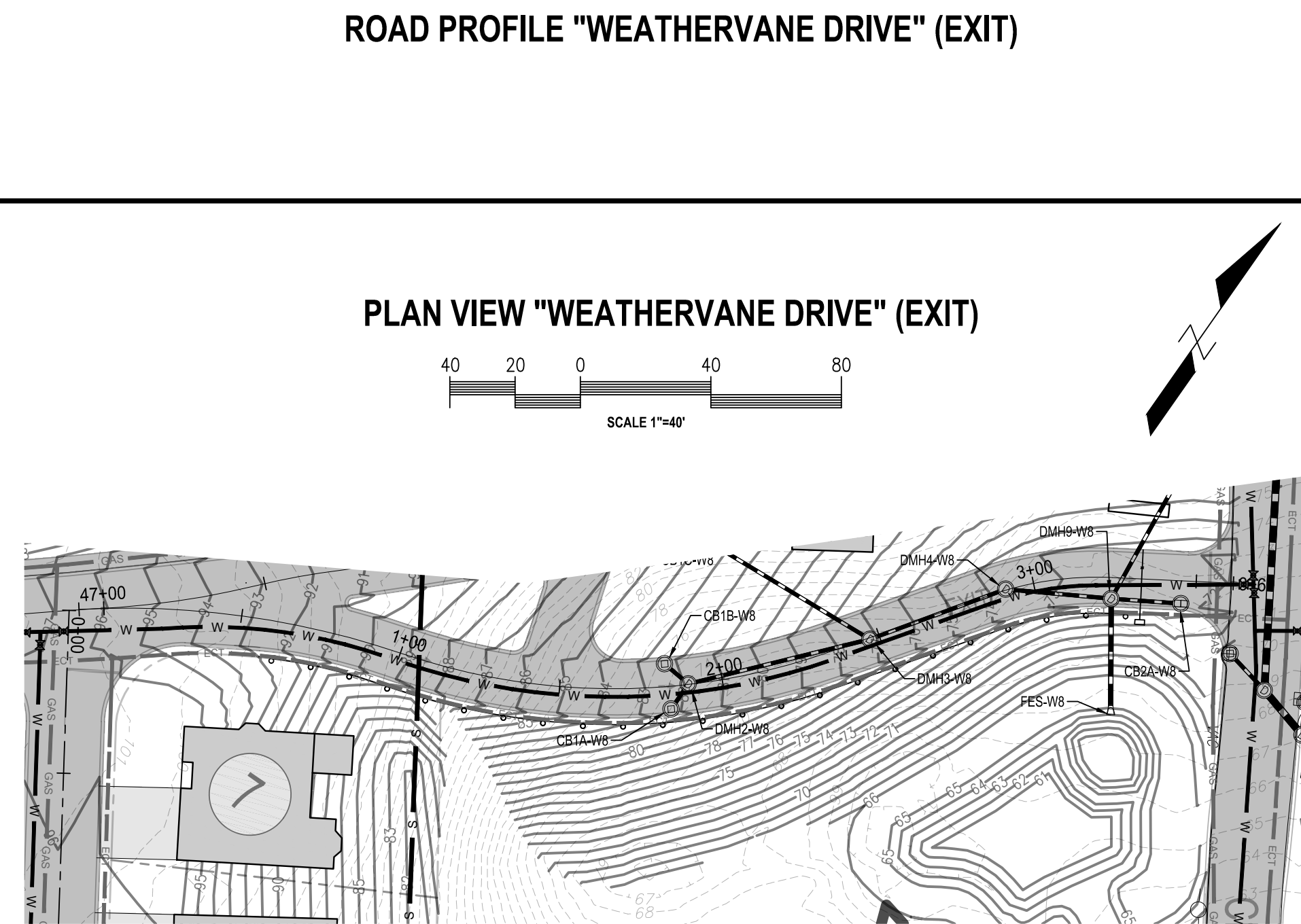
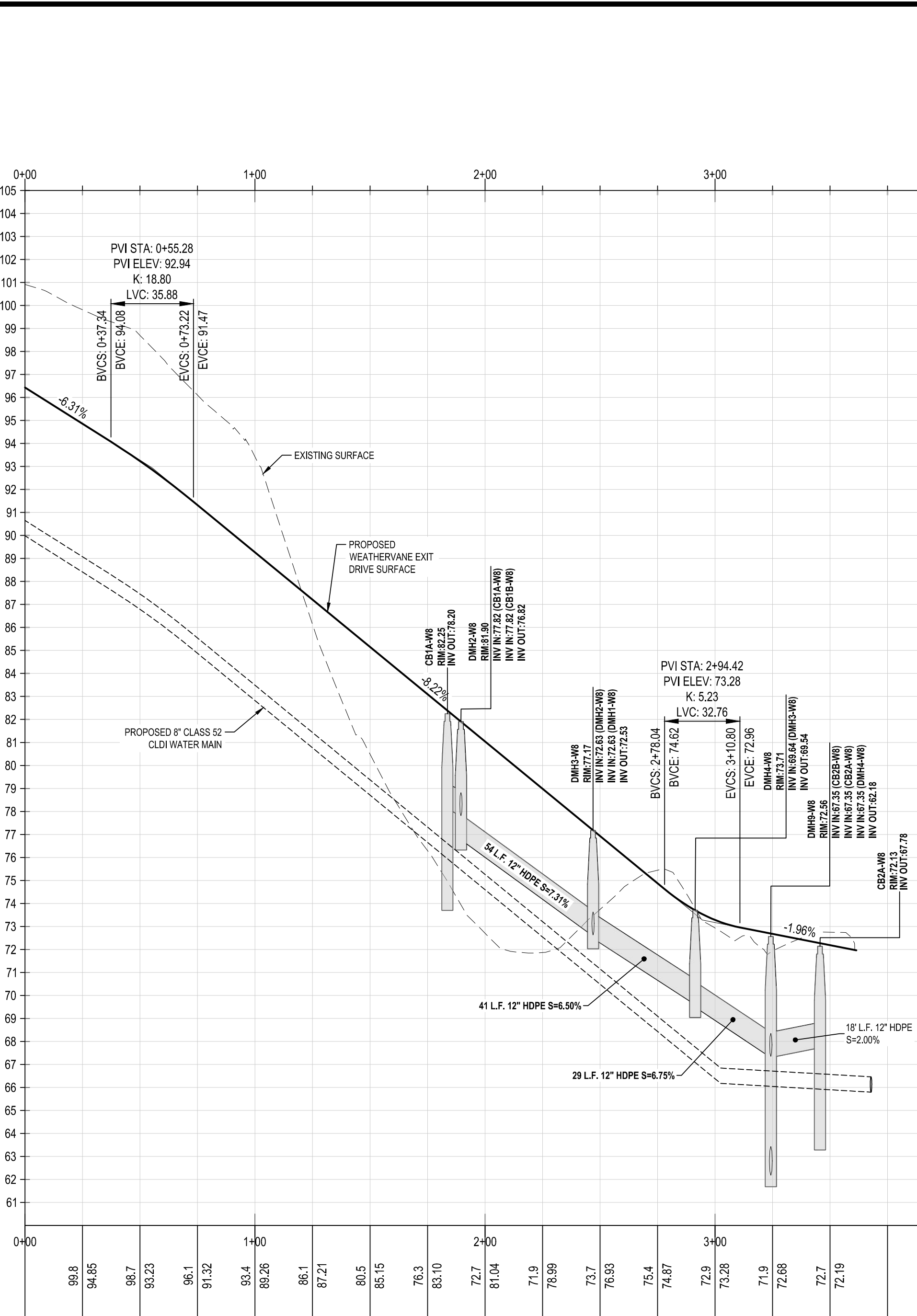
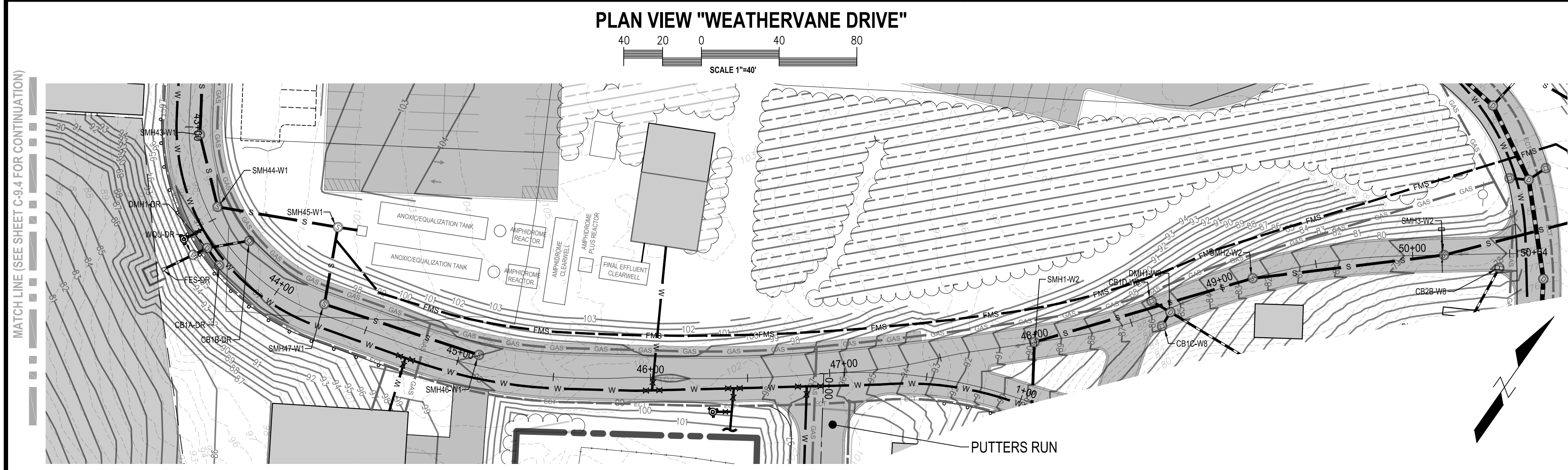
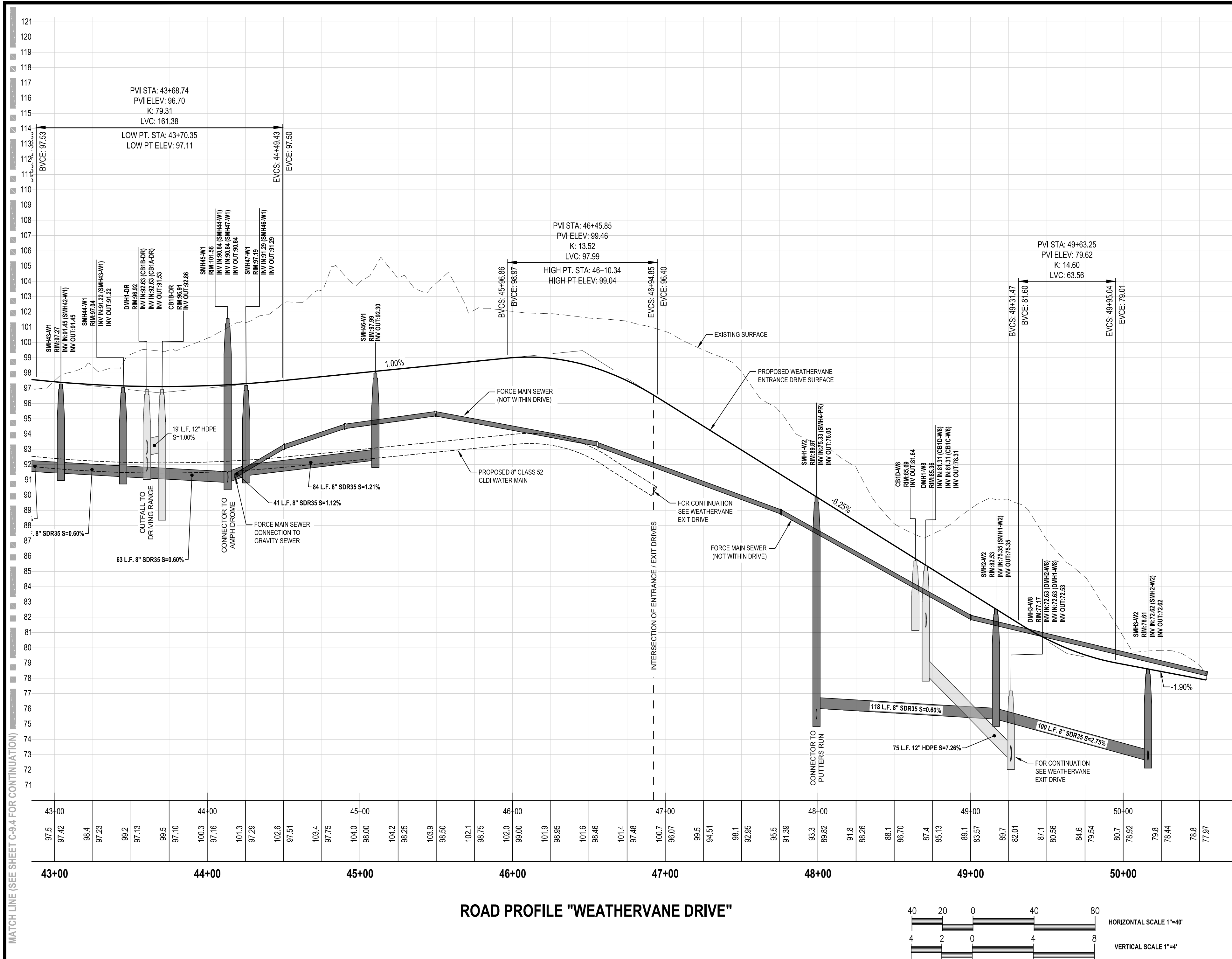
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

ROAD PROFILES

Project No.	100-064	Drawing No. C-9.3
Date	08 / 08 / 2023	
Scale	AS NOTED	
Drawn By	ASZ, JPM	
Approved By	TC	







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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

Gabriel R. Crocker
2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

Crocker Design Group

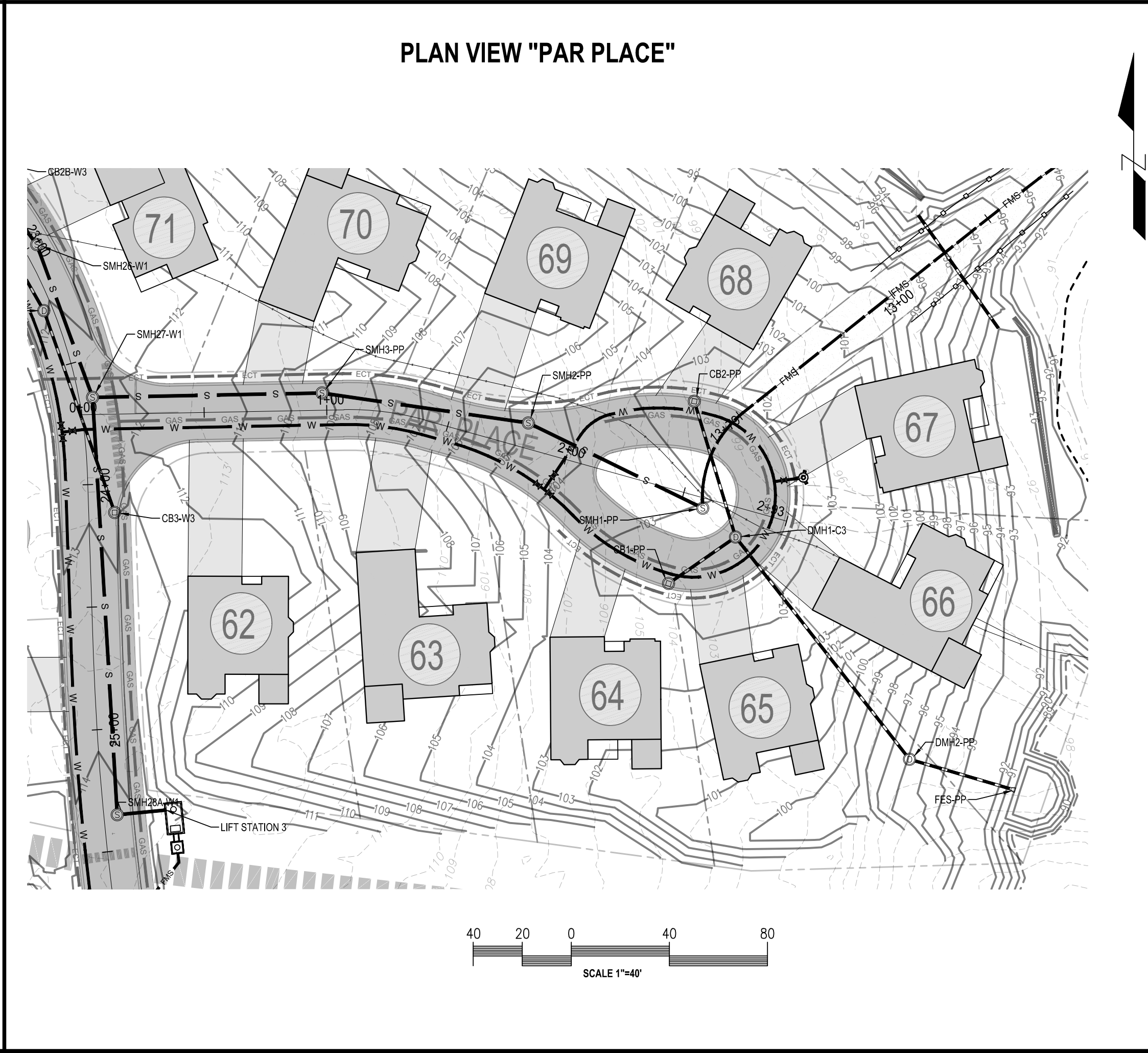
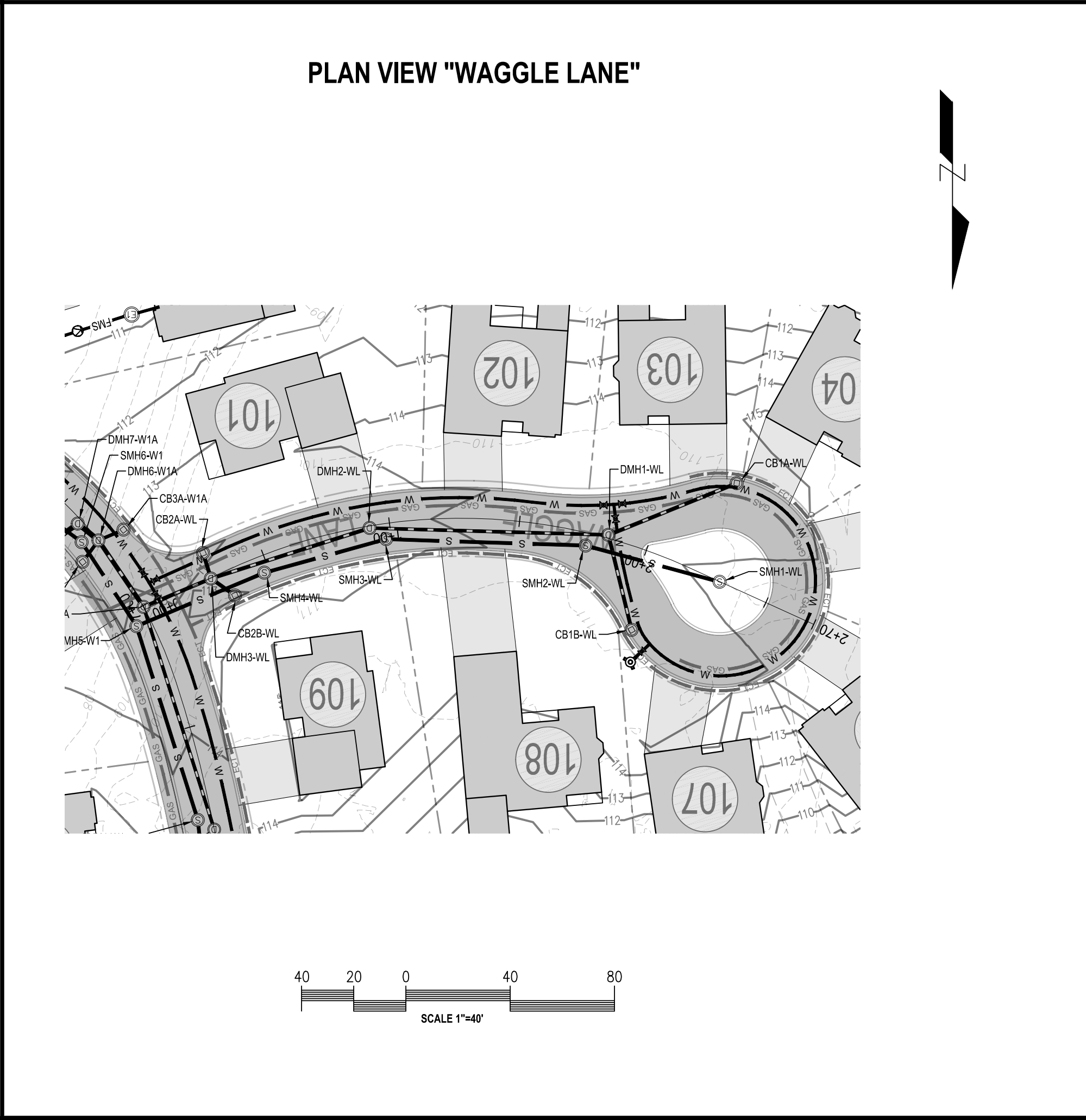
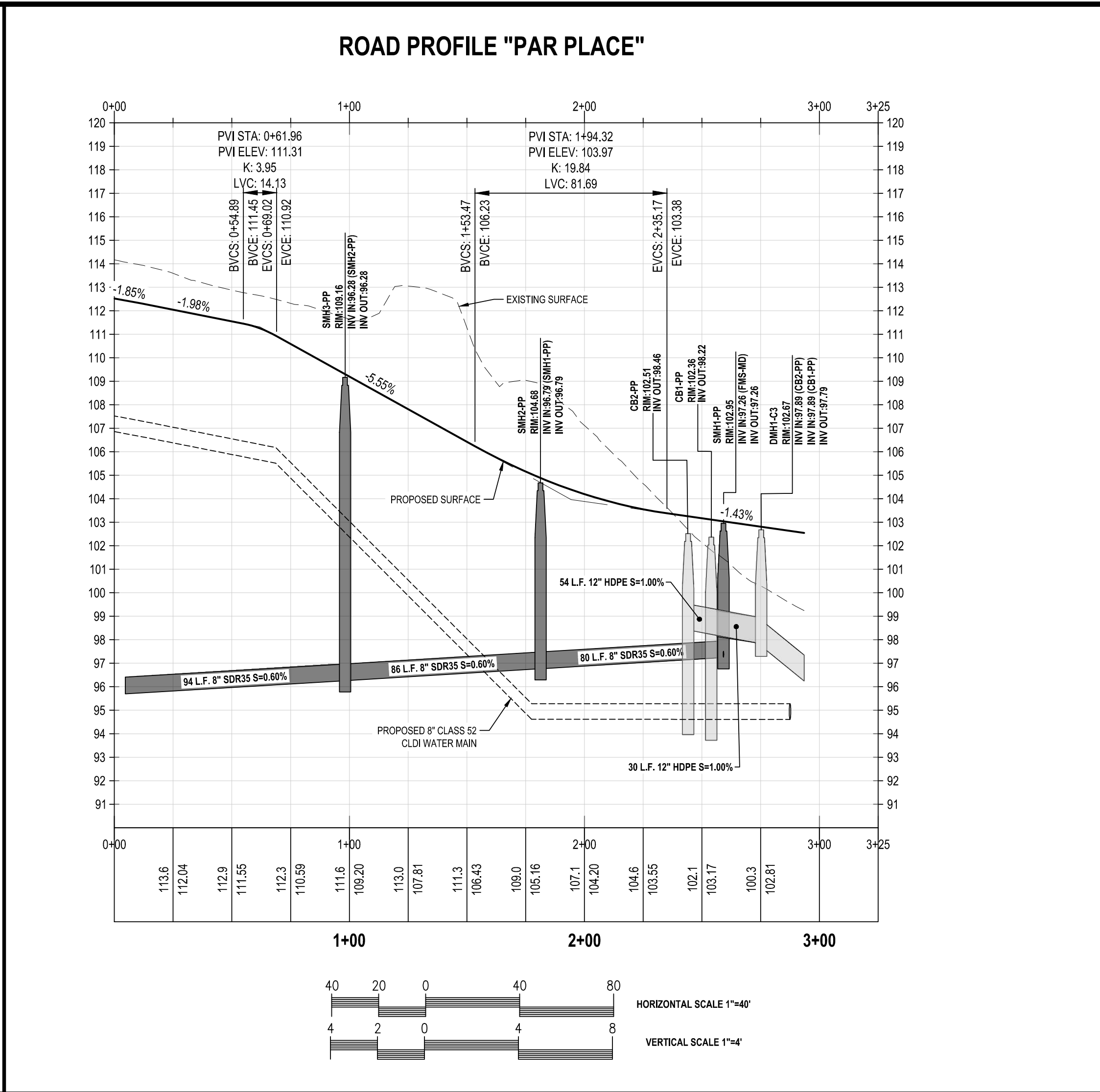
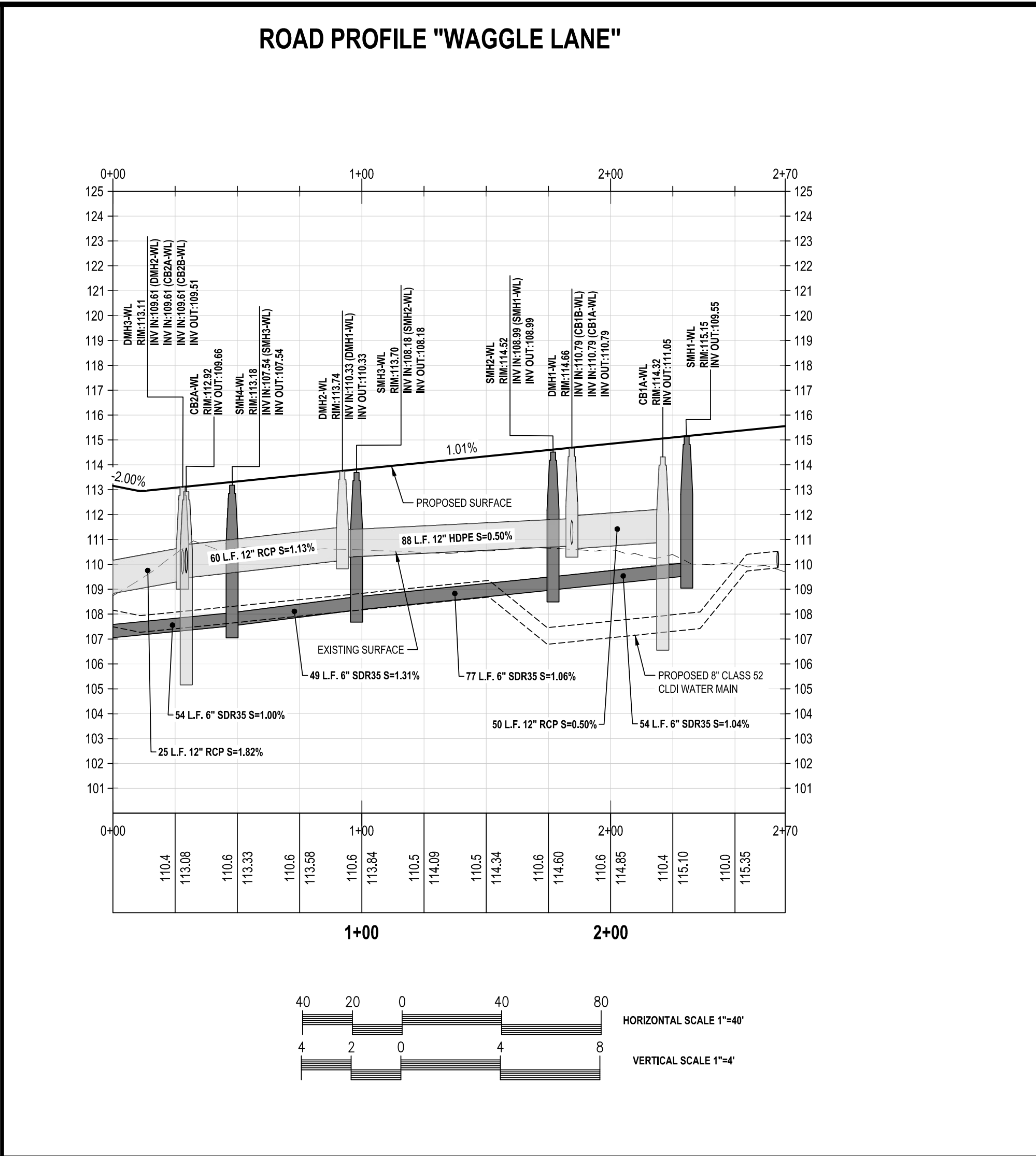
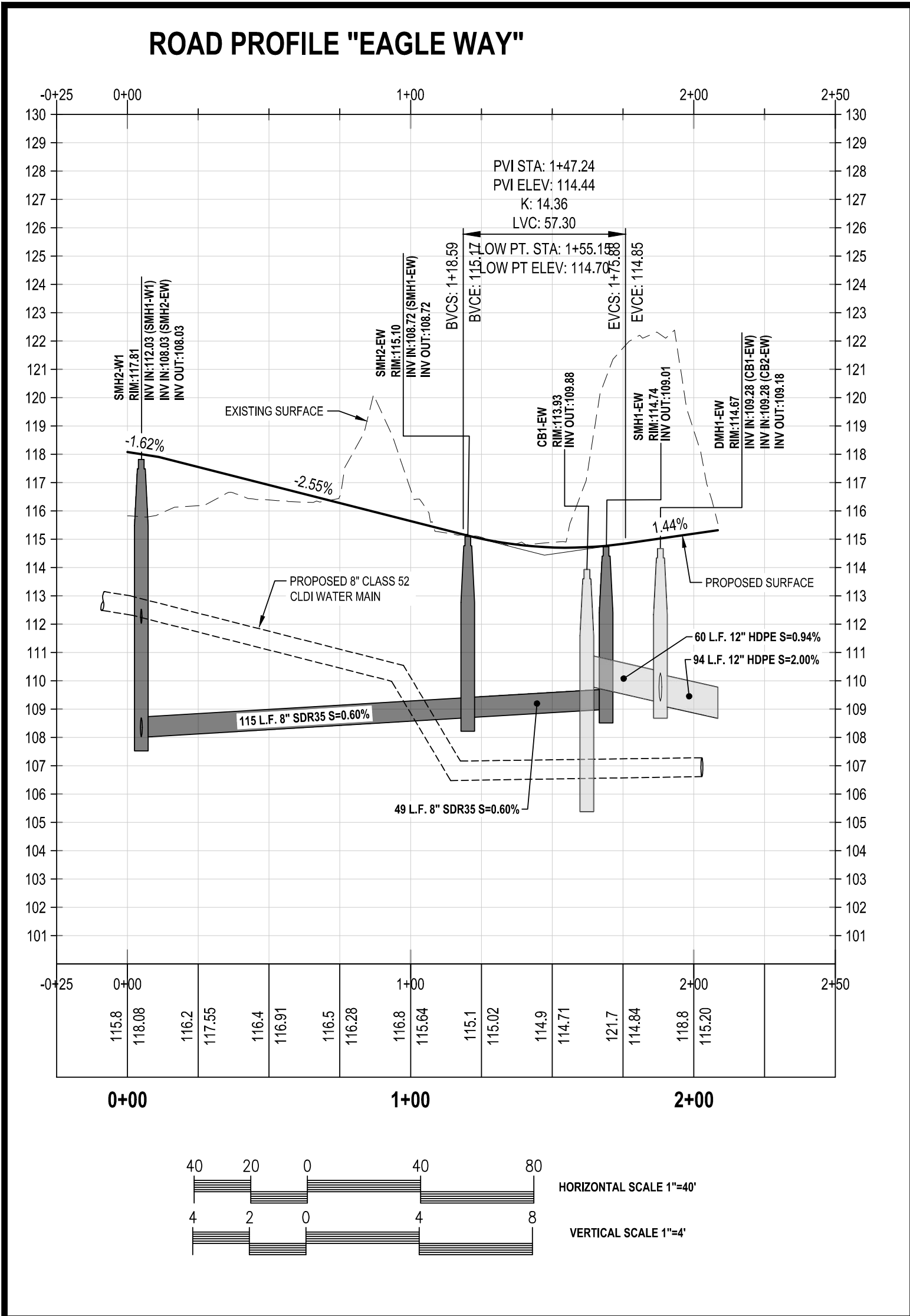
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

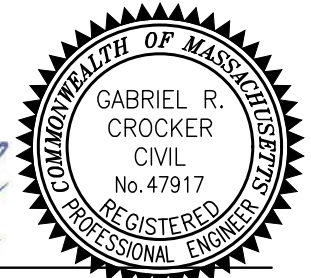
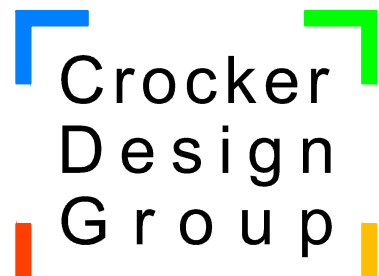
Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
ROAD PROFILES

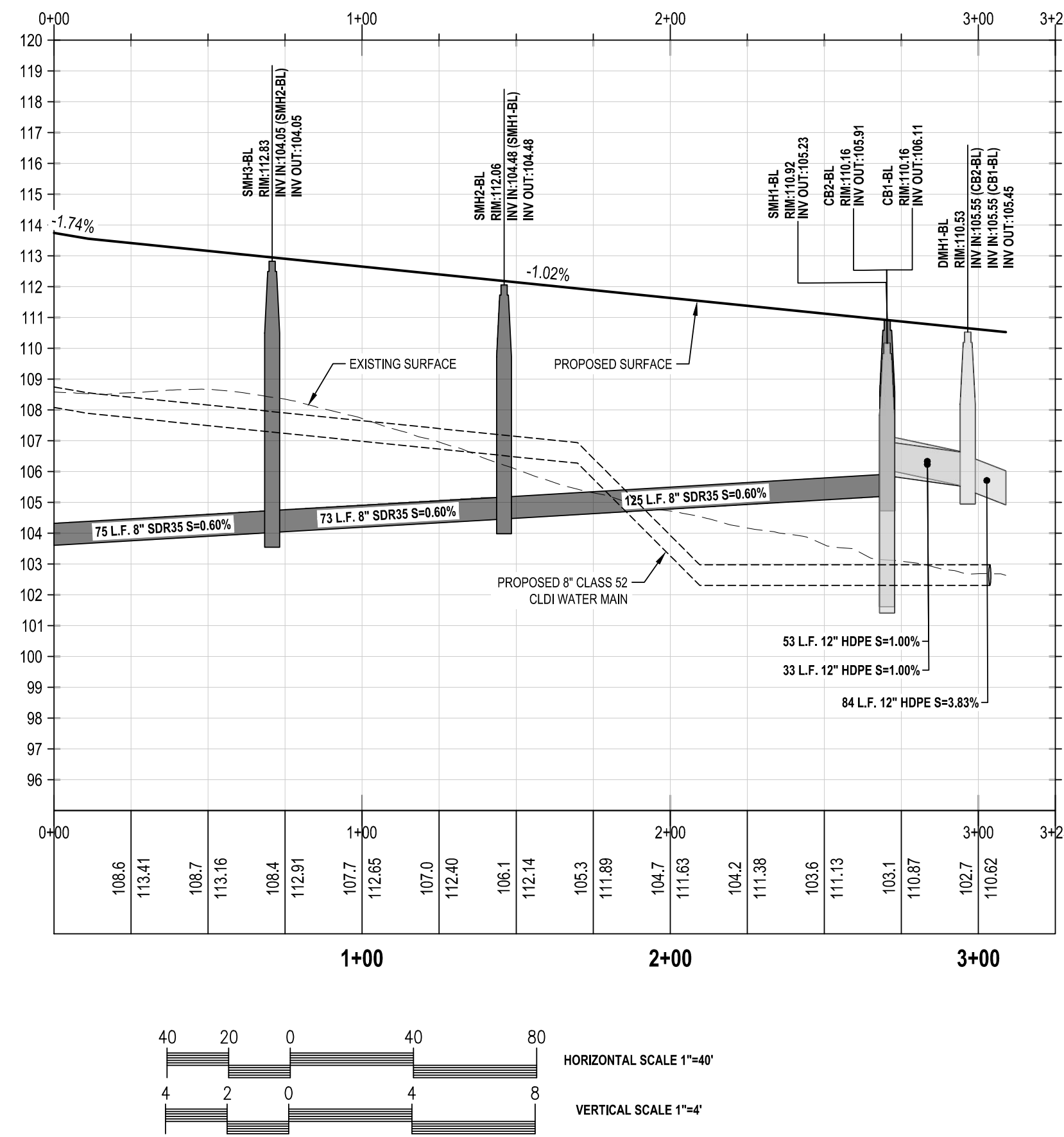
Project No.	100-064	Drawing No.	C-9.5
Date	08 / 06 / 2023		
Scale	AS NOTED		
Drawn By	ASZ, JPM		
Approved By	TC		



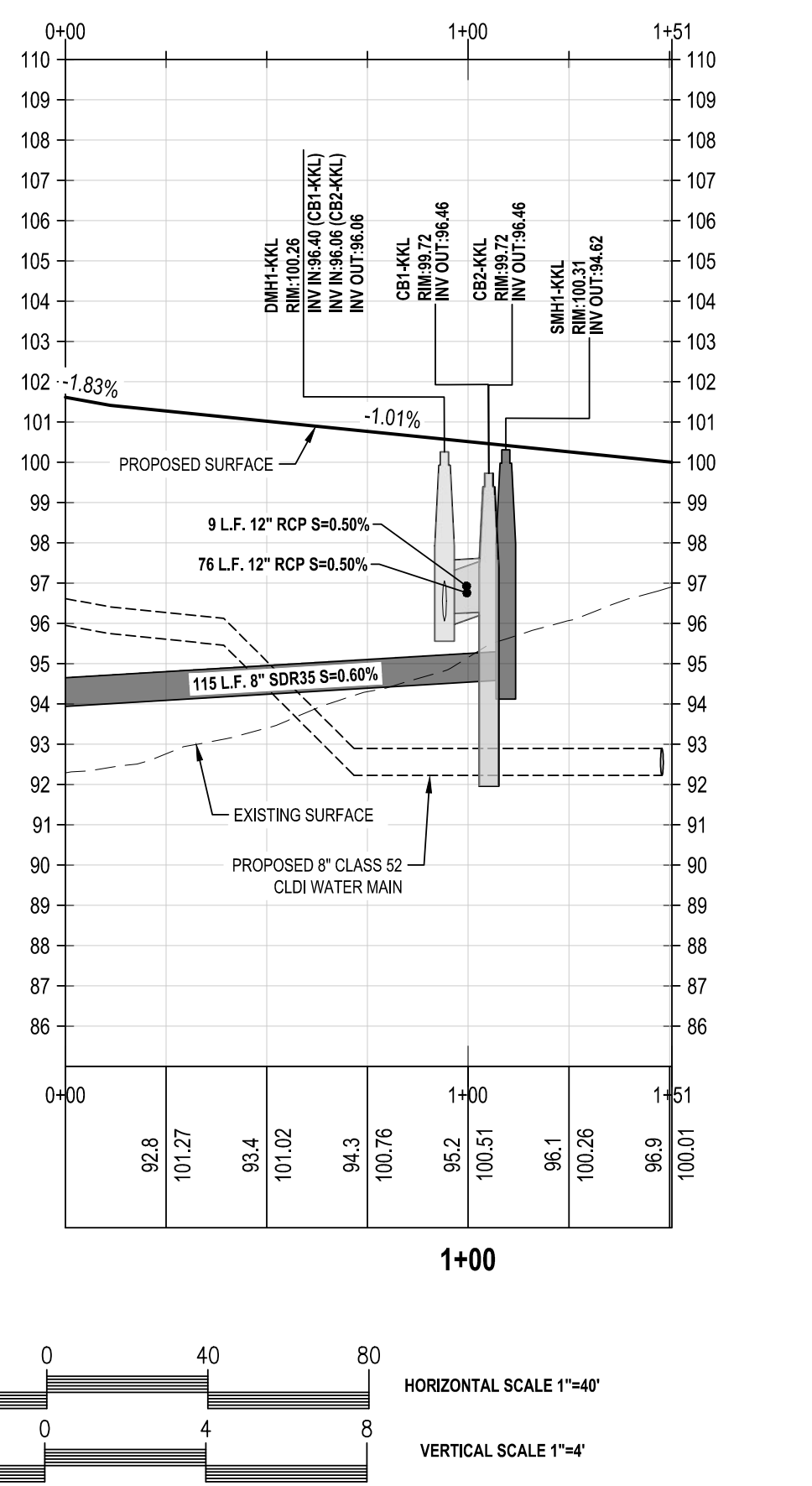
FOR REGISTRY USE ONLY

2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1
Date	Description	No.
Revisions		
		
GABRIEL R. CROCKER PROFESSIONAL ENGINEER, MA REGISTRATION #47917		
 Crocker Design Group 2 SHARP STREET, UNIT A HINGHAM, MA 02043 P: 781-919-0808		
Project AGE QUALIFIED VILLAGE PEMBROKE COUNTRY CLUB DWELLEY STREET, HAZELWOOD DRIVE & WEST ELM STREET PEMBROKE, MA		
Prepared for WEATHERVANE AT PEMBROKE COUNTRY CLUB, LLC 190 OLD DERBY STREET, SUITE 311 HINGHAM, MA 02043		
Drawing Title ROAD PROFILES		
Project No.	100-064	C-9.6
Date	08 / 06 / 2023	
Scale	AS NOTED	
Drawn By	ASZ, JPM	
Approved By	TC	

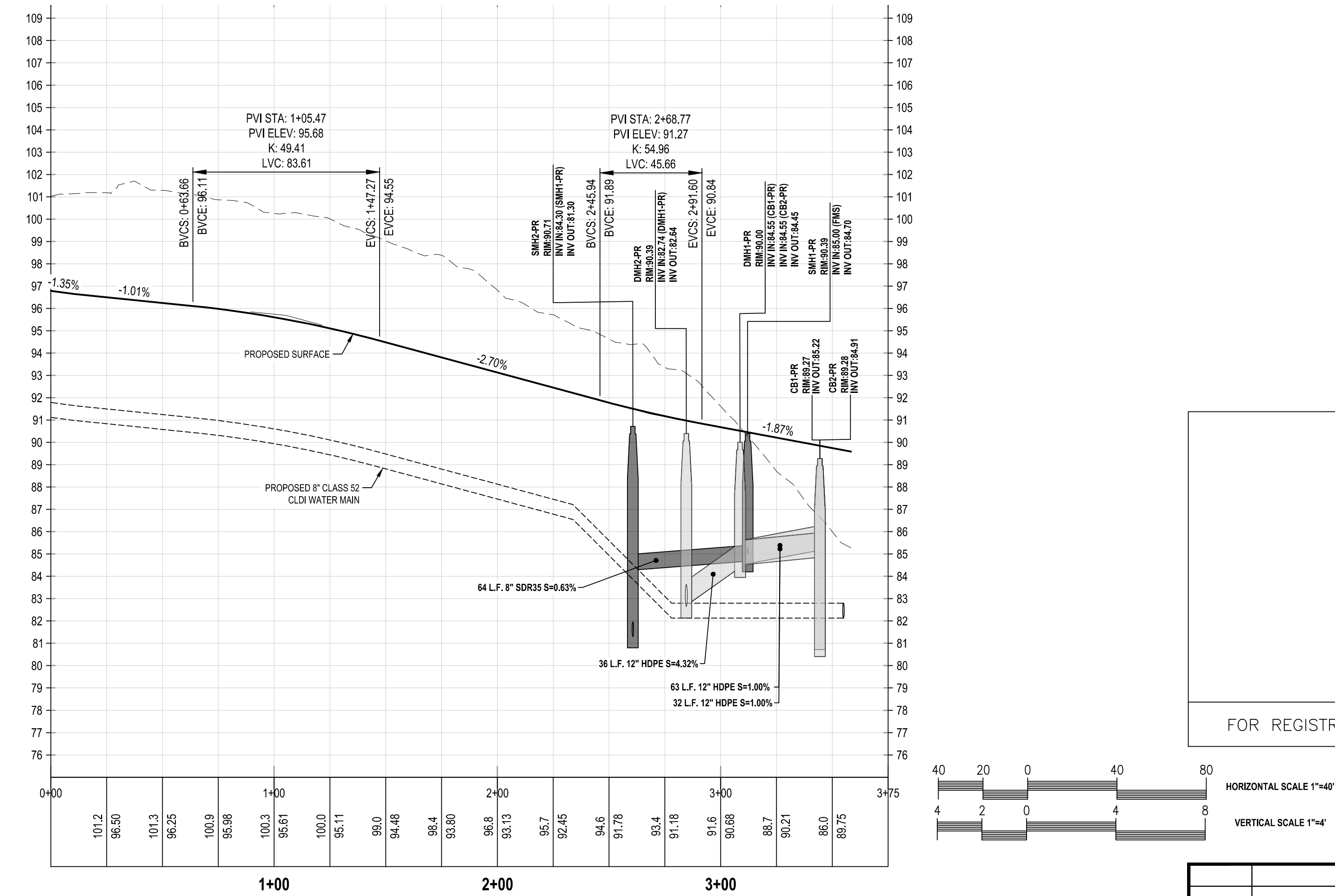
ROAD PROFILE "BIRDIE LANE"



ROAD PROFILE "KNEE KNOCKERS LANE"



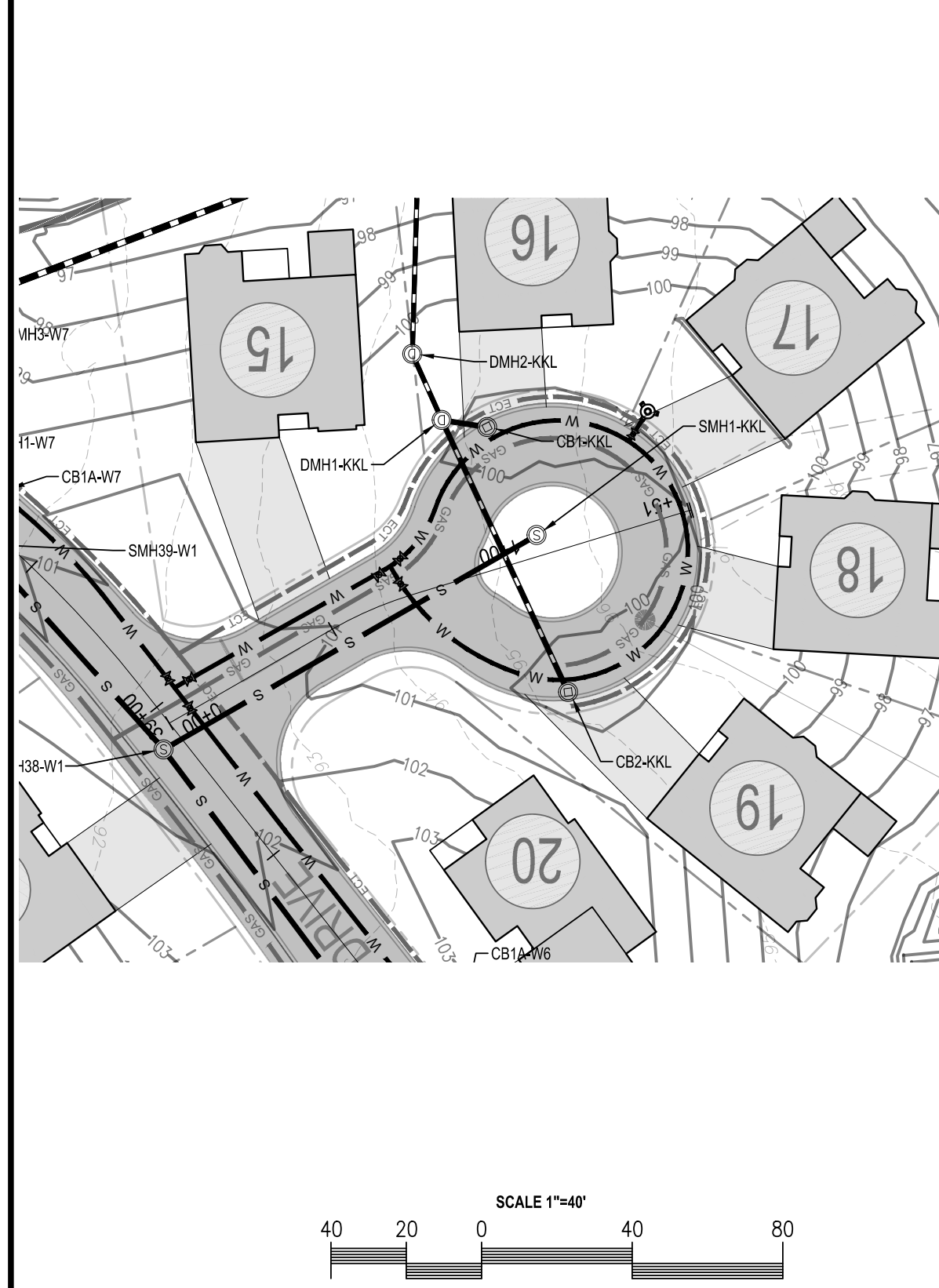
ROAD PROFILE "PUTTER'S RUN"



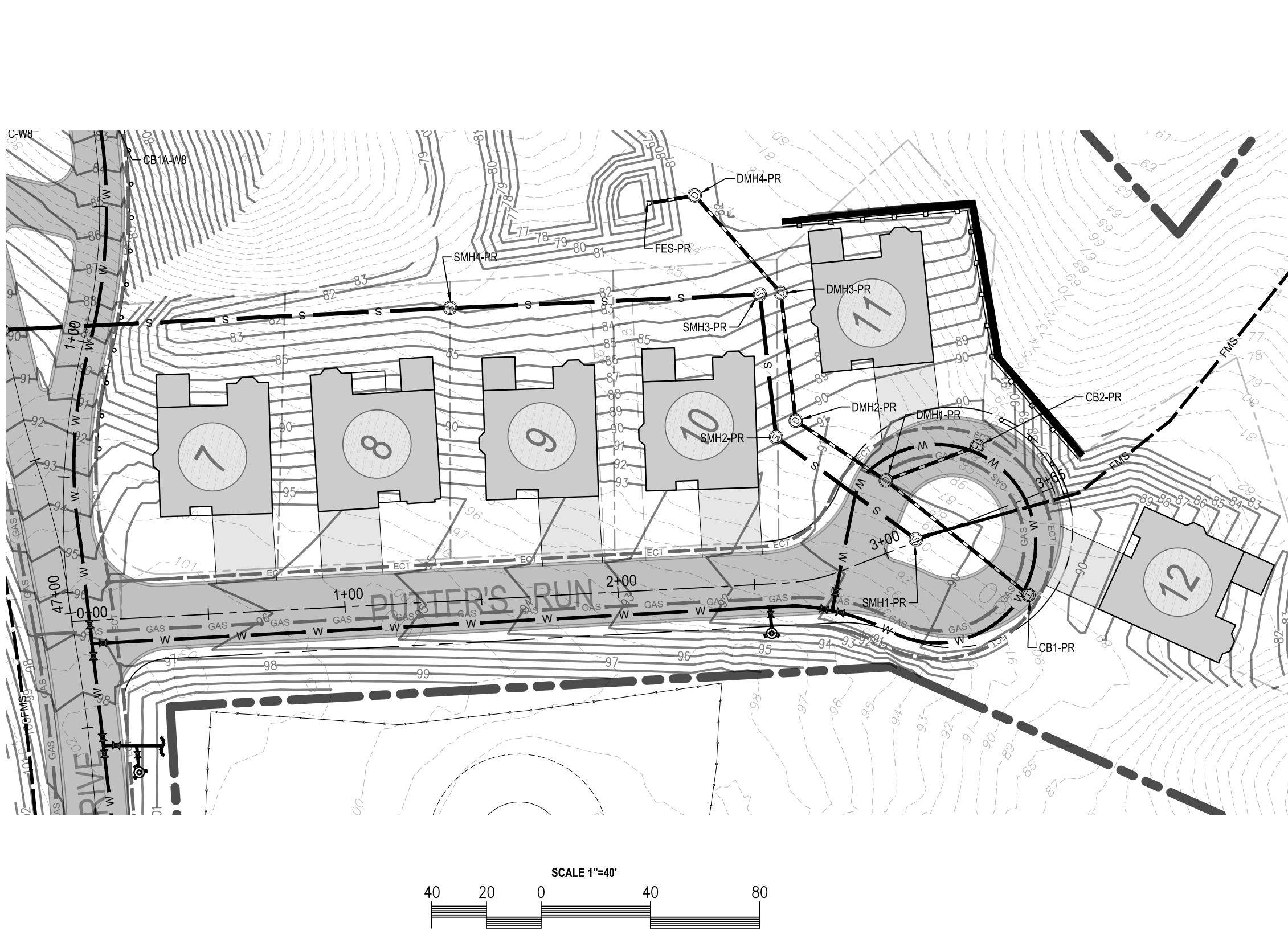
PLAN VIEW "BIRDIE LANE"



PLAN VIEW "KNEE KNOCKERS LANE"



PLAN VIEW "PUTTER'S RUN"



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Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

Gabriel R. Crocker
2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

Crocker Design Group

2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

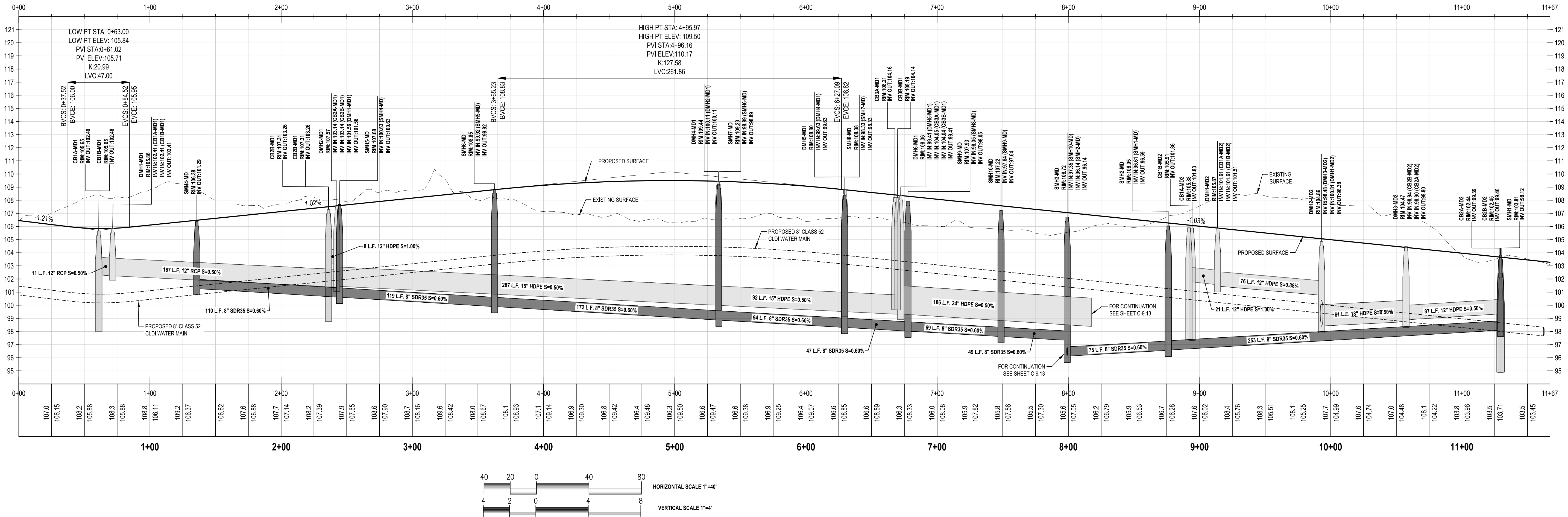
Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
ROAD PROFILES

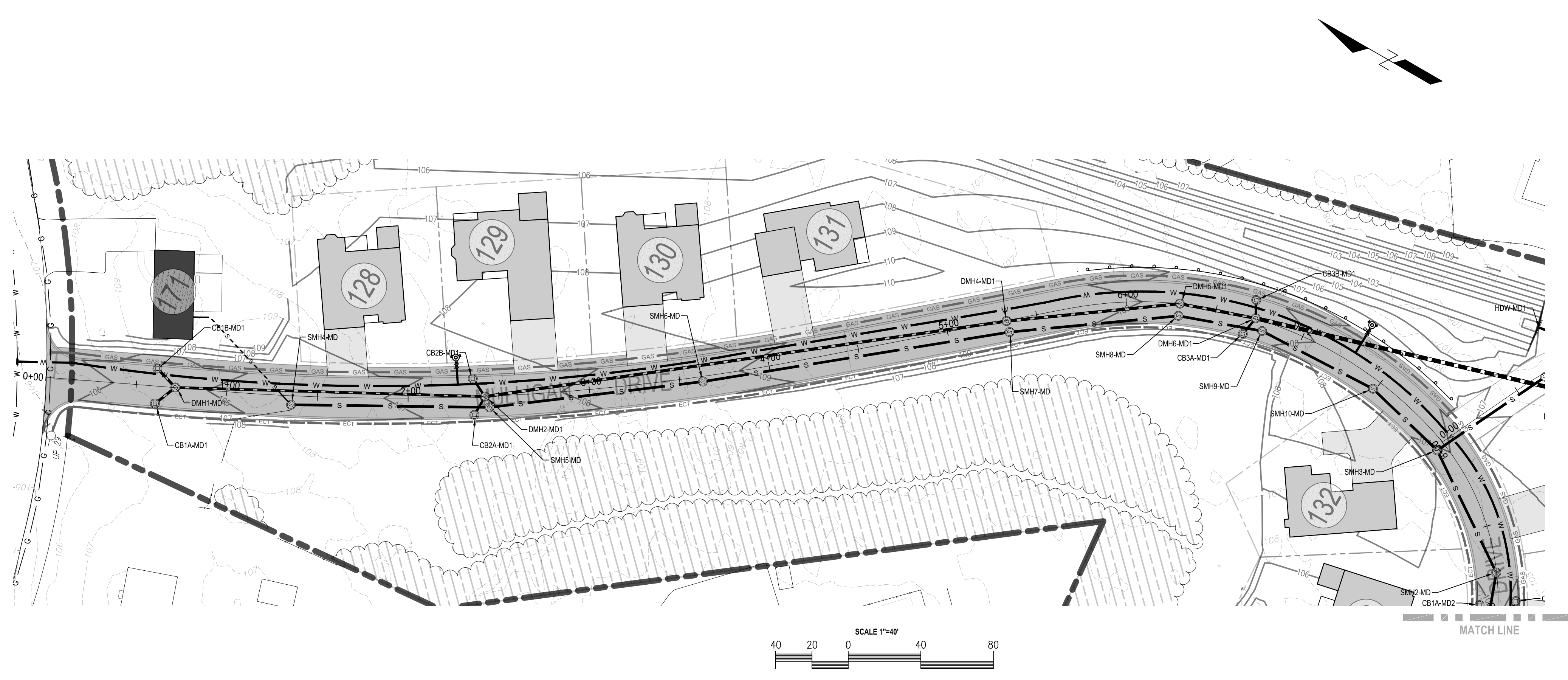
Project No.	100-064	Drawing No.	C-9.7
Date	08 / 06 / 2023		
Scale	AS NOTED		
Drawn By	ASZ, JPM		
Approved By	TC		

ROAD PROFILE "MULIGAN DRIVE"



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PLAN VIEW "MULIGAN DRIVE"

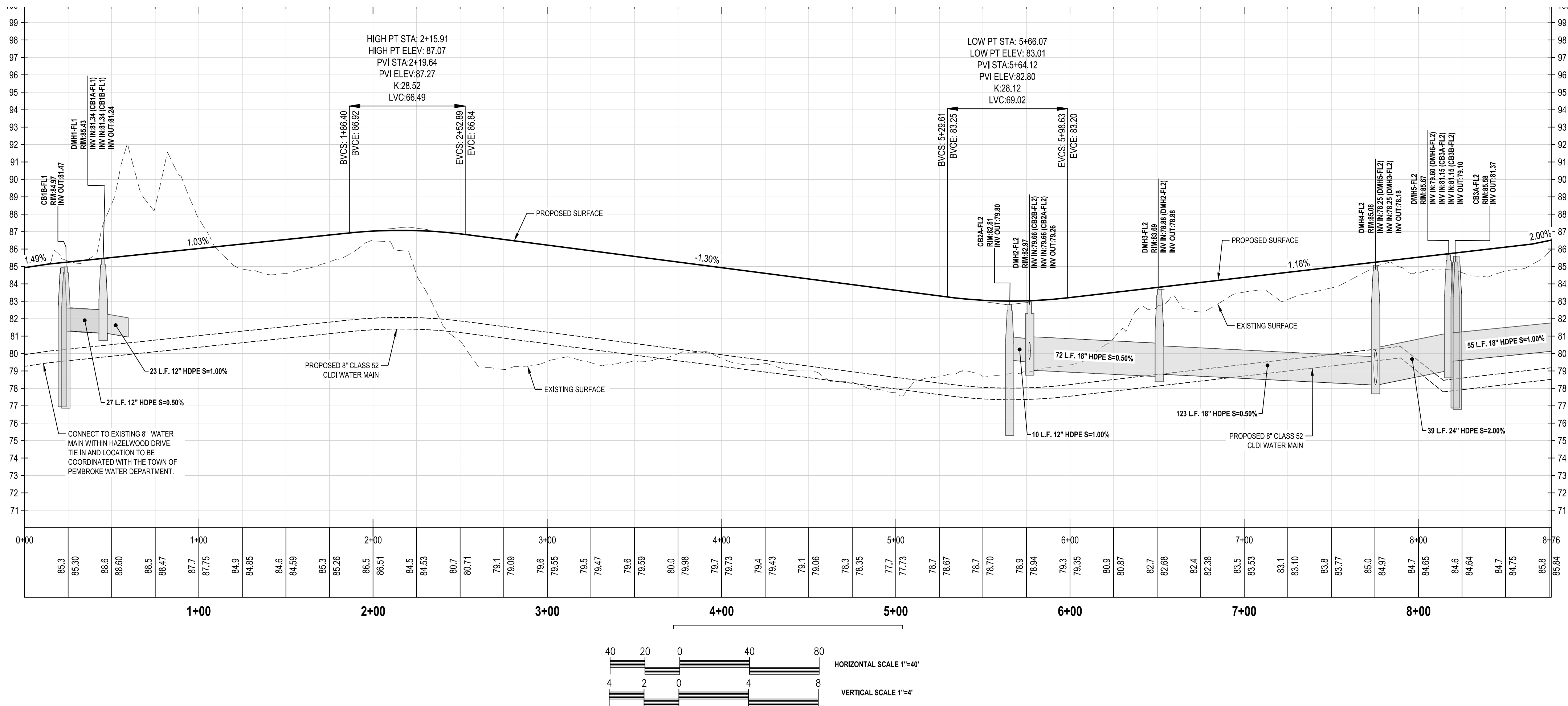


PLAN VIEW "MULIGAN DRIVE"



2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1
Date	Description	No.
Revisions		
GABRIEL R. CROCKER PROFESSIONAL ENGINEER, MA REGISTRATION #47917		
Project AGE QUALIFIED VILLAGE PEMBROKE COUNTRY CLUB DWELLEY STREET, HAZELWOOD DRIVE & WEST ELM STREET PEMBROKE, MA		
Prepared for WEATHERVANE AT PEMBROKE COUNTRY CLUB, LLC 190 OLD DERBY STREET, SUITE 311 HINGHAM, MA 02043		
Drawing Title ROAD PROFILES		
Project No.	100-064	Drawing No.
Date	08 / 06 / 2023	C-9.8
Scale	AS NOTED	
Drawn By	ASZ, JPM	
Approved By	TC	

ROAD PROFILE "FAIRWAY LANDING"



FOR REGISTRY USE ONLY

PLAN VIEW "FAIRWAY LANDING"



Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

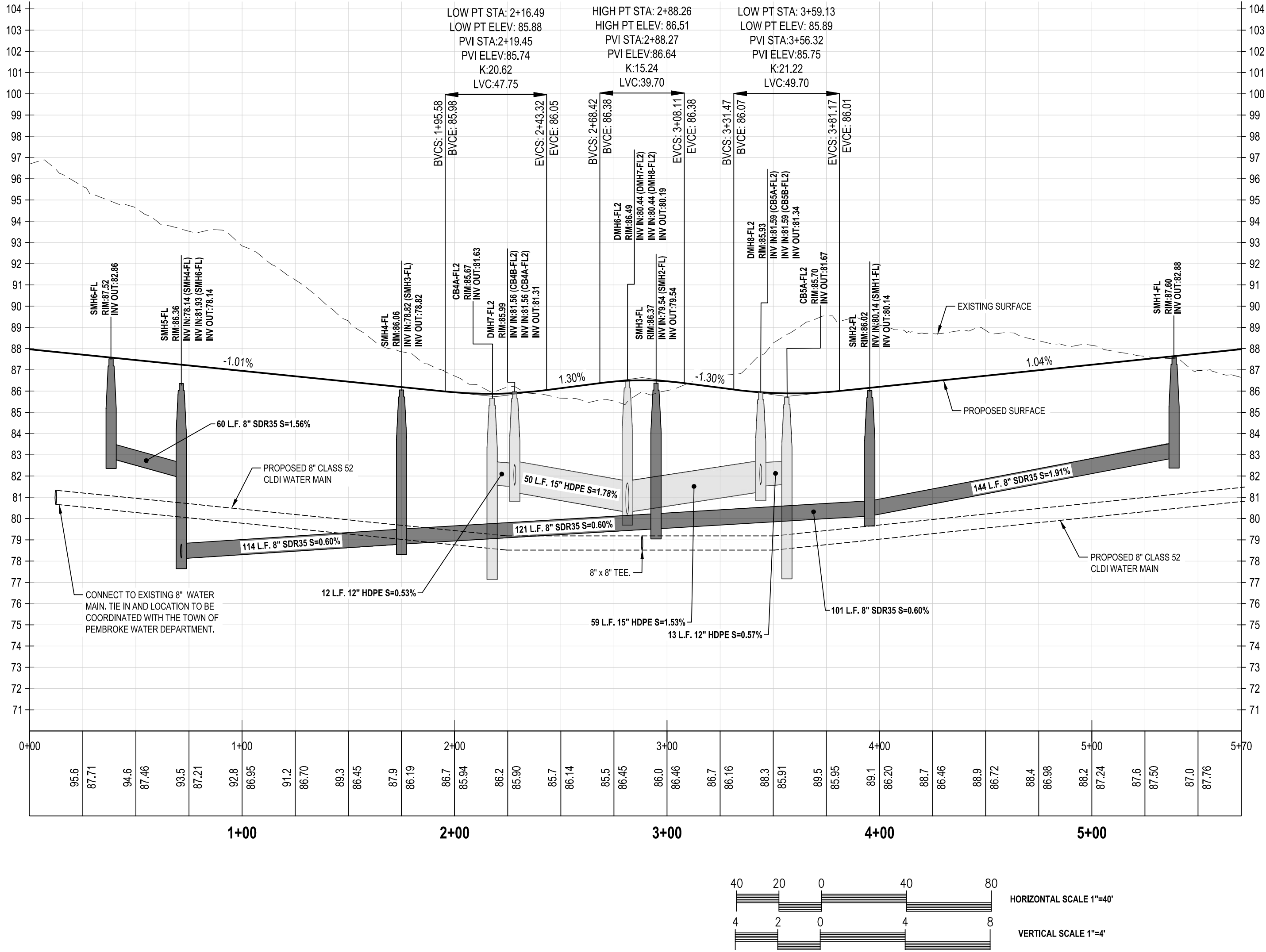
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
ROAD PROFILES

Project No.	100-064	Drawing No.	C-9.9
Date	08 / 08 / 2023		
Scale	AS NOTED		
Drawn By	ASZ, JPM		
Approved By	TC		



PLAN VIEW "FAIRWAY LANDING"



FOR REGISTRY USE ONLY

Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

Gabriel R. Crocker
2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

Crocker Design Group

2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for

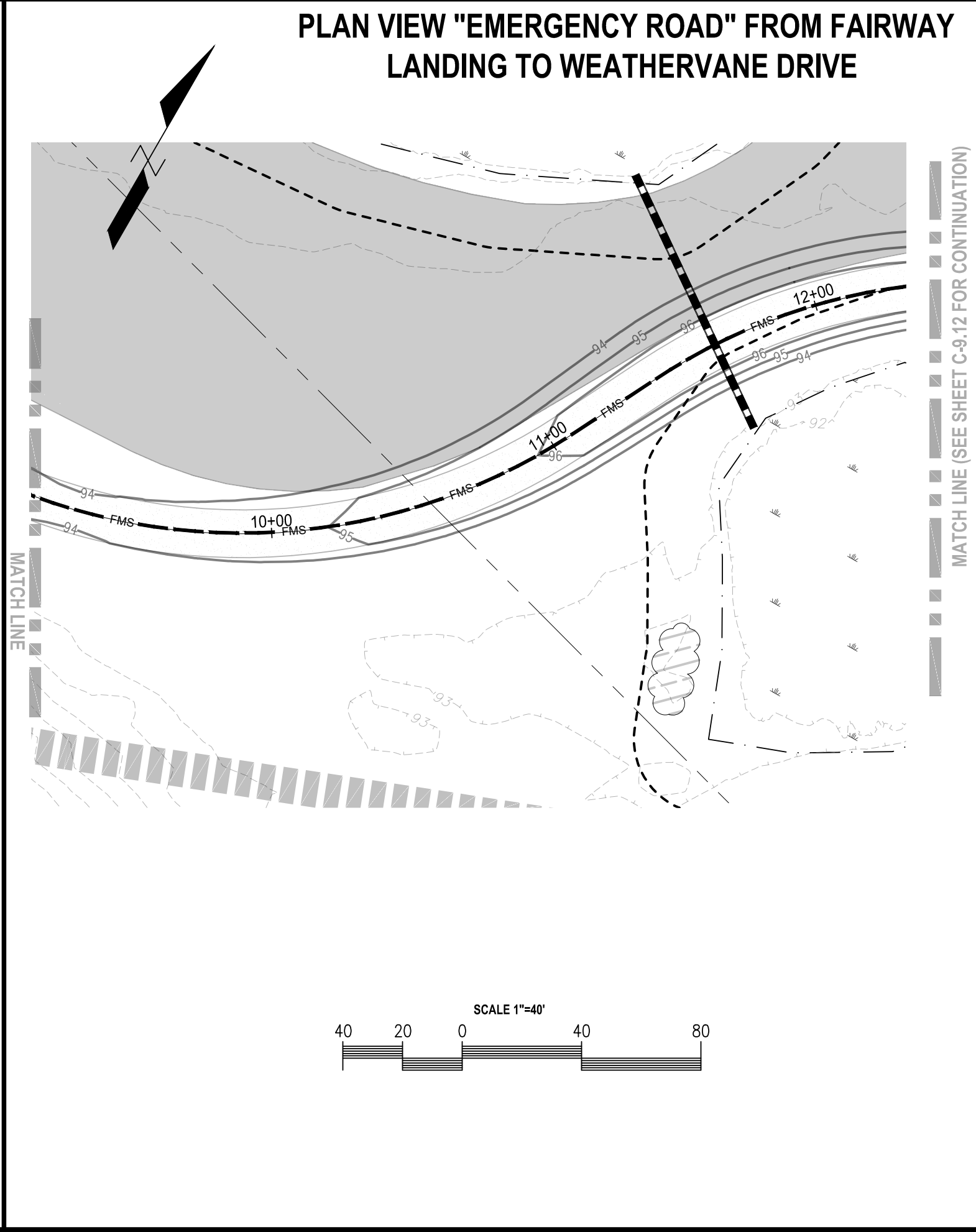
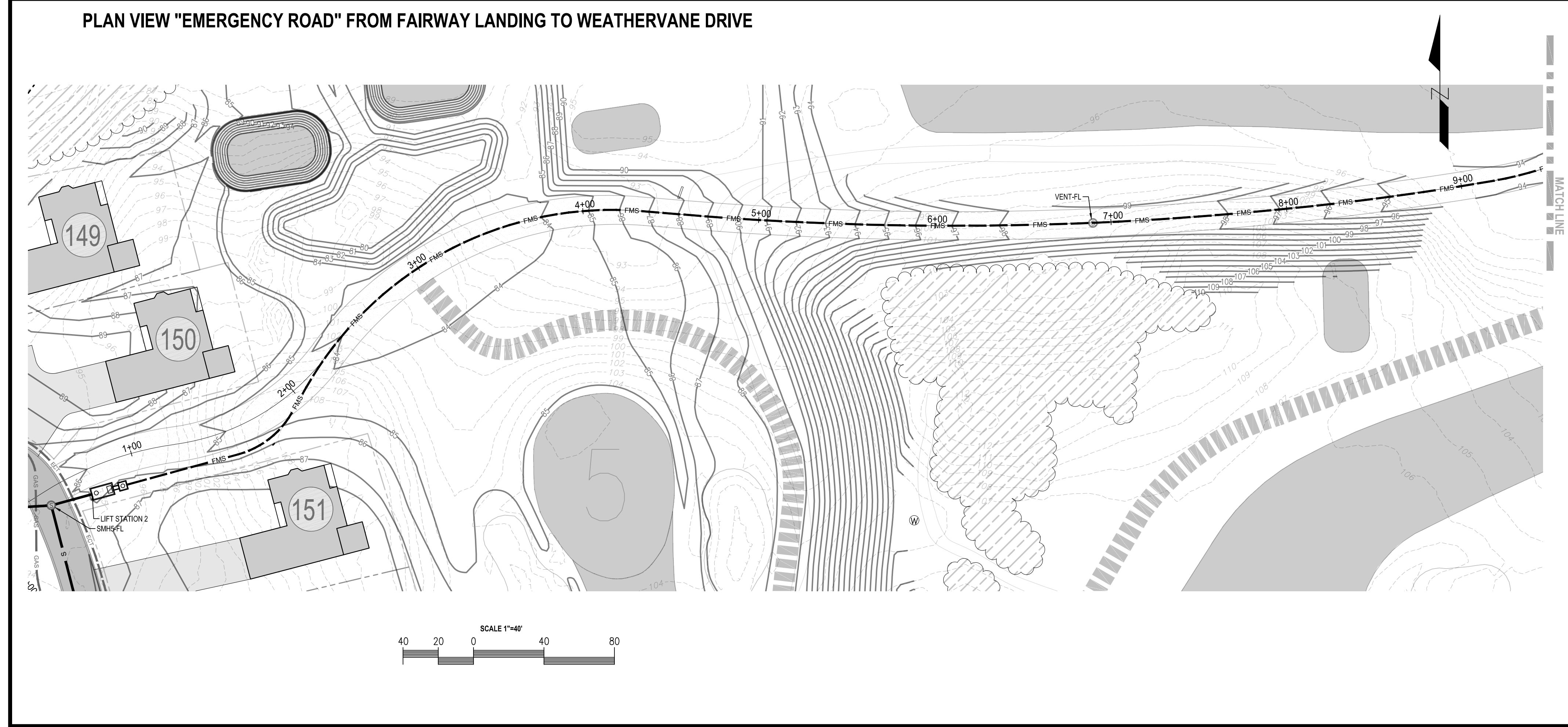
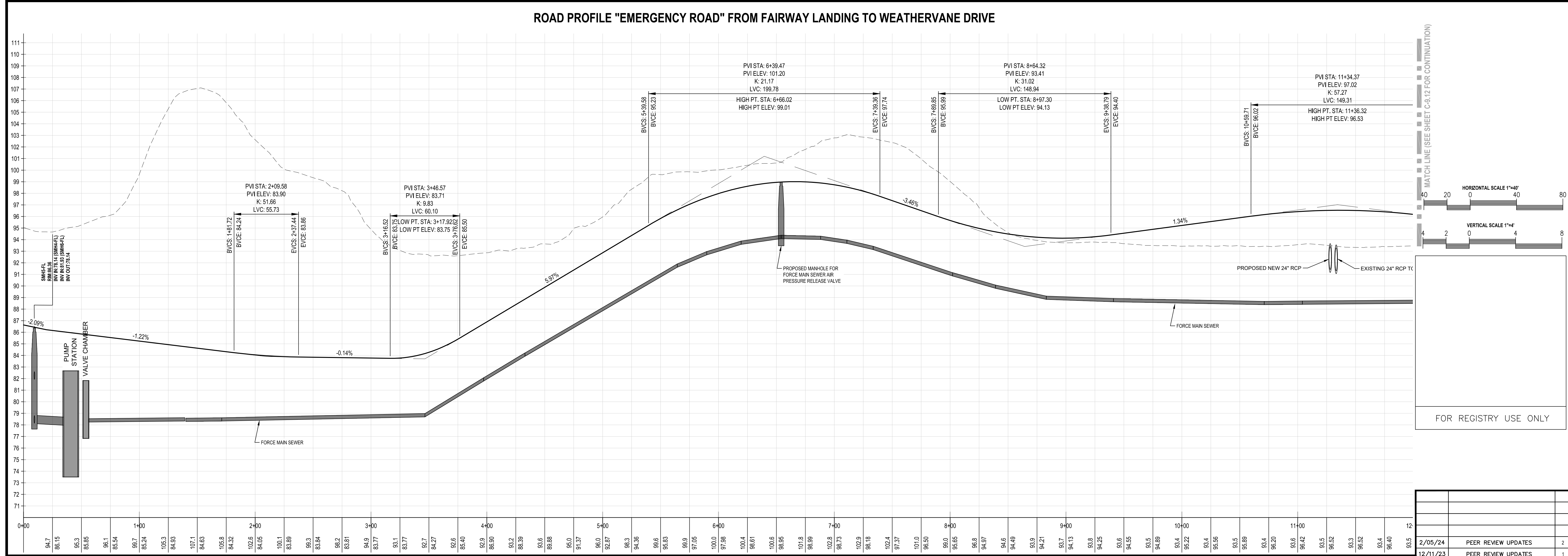
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

ROAD PROFILES

Project No.	100-064	Drawing No.	C-9.10
Date	08 / 08 / 2023		
Scale	AS NOTED		
Drawn By	ASZ, JPM		
Approved By	TC		



Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

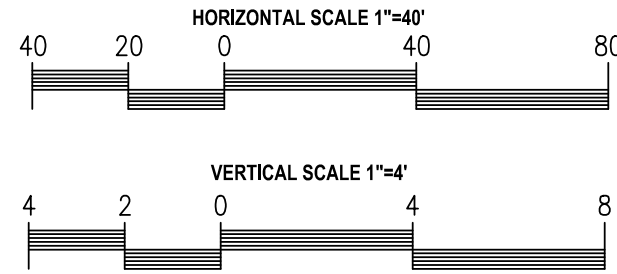
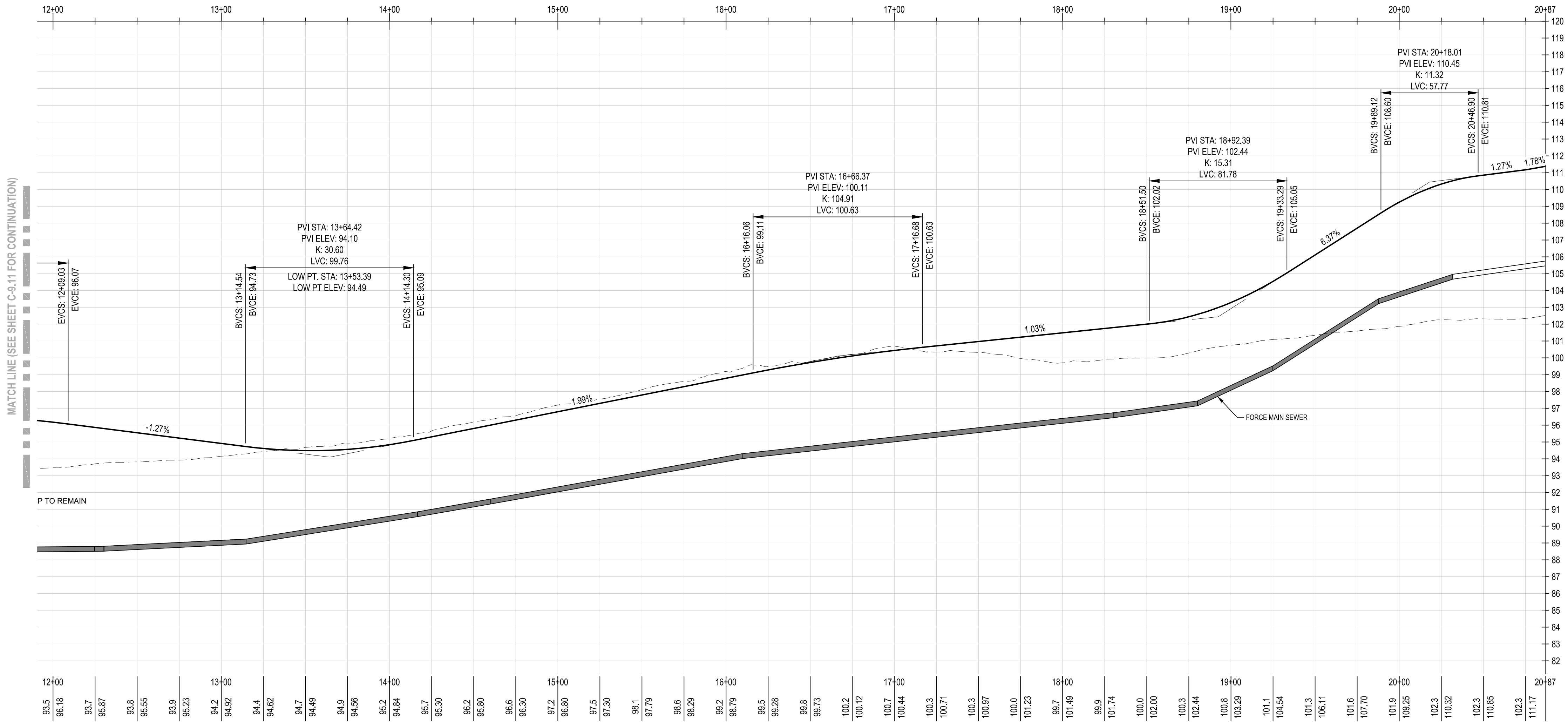
Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
ROAD PROFILES

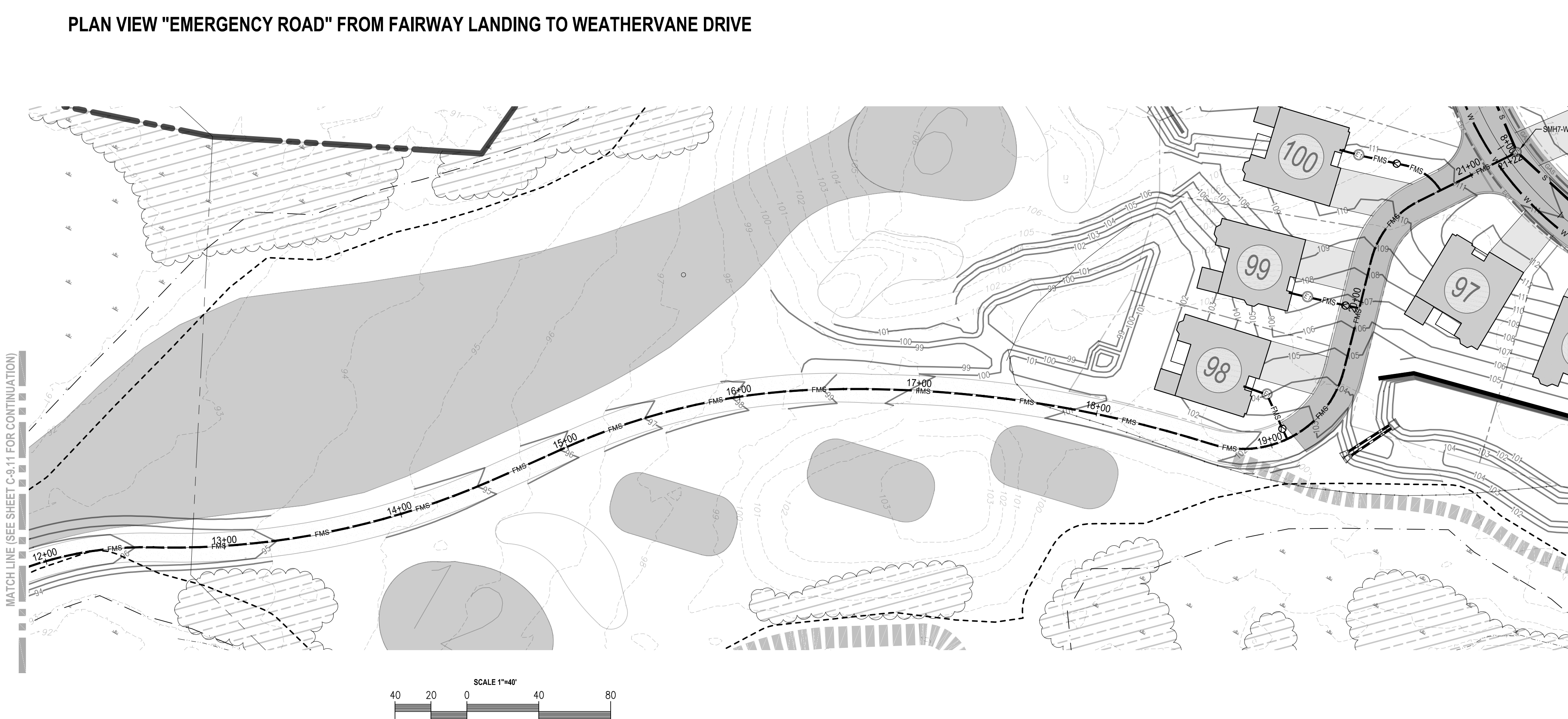
Project No.	100-064	Drawing No.	C-9.11
Date	08 / 06 / 2023		
Scale	AS NOTED		
Drawn By	ASZ, JPM		
Approved By	TC		

ROAD PROFILE "EMERGENCY ROAD" FROM FAIRWAY LANDING TO WEATHERVANE DRIVE



FOR REGISTRY USE ONLY

PLAN VIEW "EMERGENCY ROAD" FROM FAIRWAY LANDING TO WEATHERVANE DRIVE



Date	Description	No.
2/05/24	PEER REVIEW UPDATES	2
12/11/23	PEER REVIEW UPDATES	1

Revisions

GABRIEL R. CROCKER
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Crocker Design Group
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**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

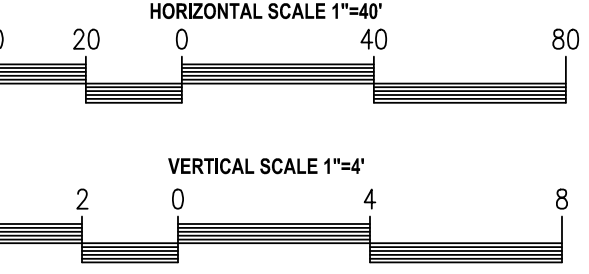
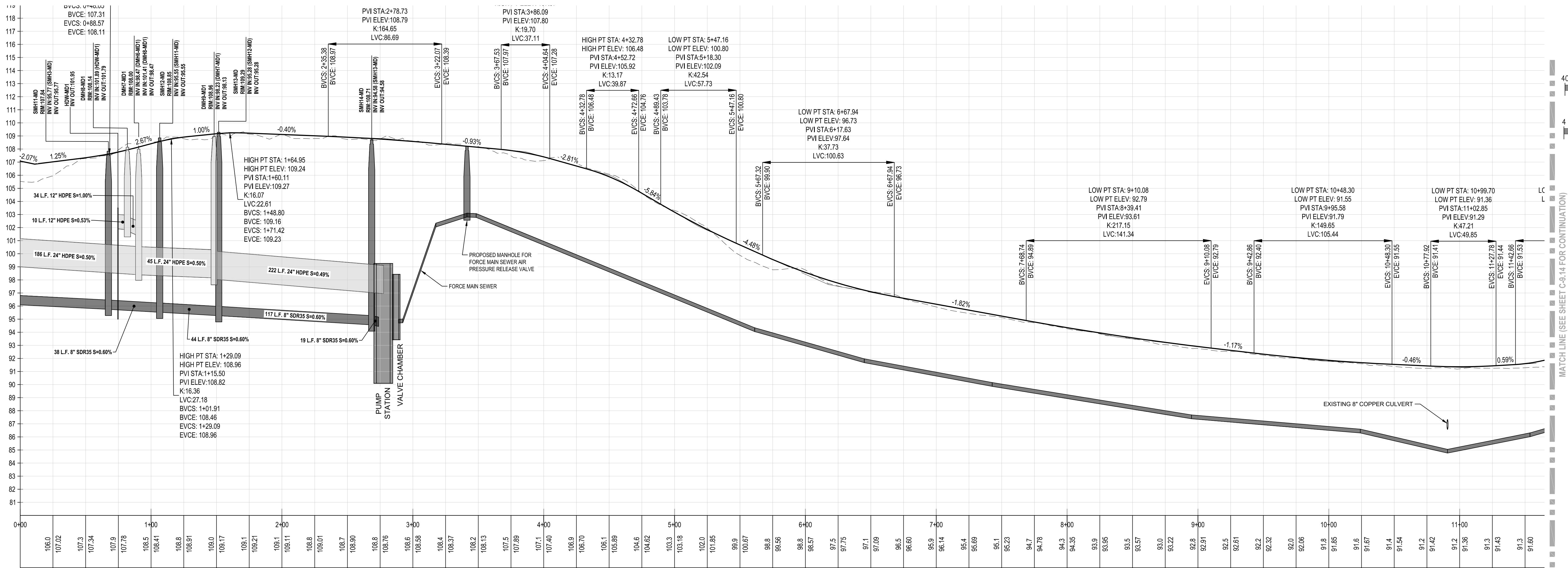
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

ROAD PROFILES

Project No. 100-064
Date 08 / 06 / 2023
Scale AS NOTED
Drawn By ASZ, JPM
Approved By TC

Drawing No. **C-9.12**

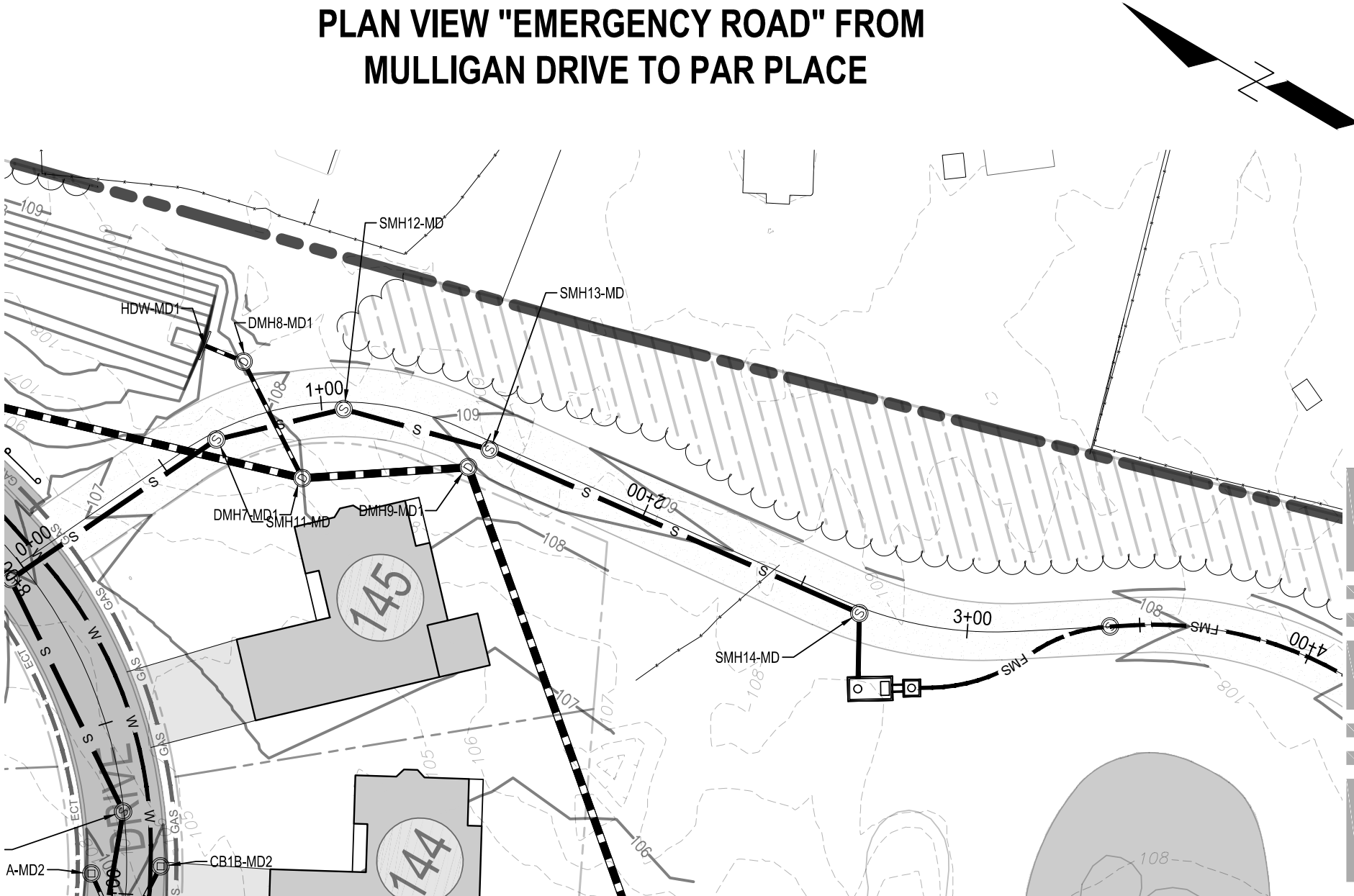
ROAD PROFILE "EMERGENCY ROAD" FROM MULLIGAN DRIVE TO PAR PLACE



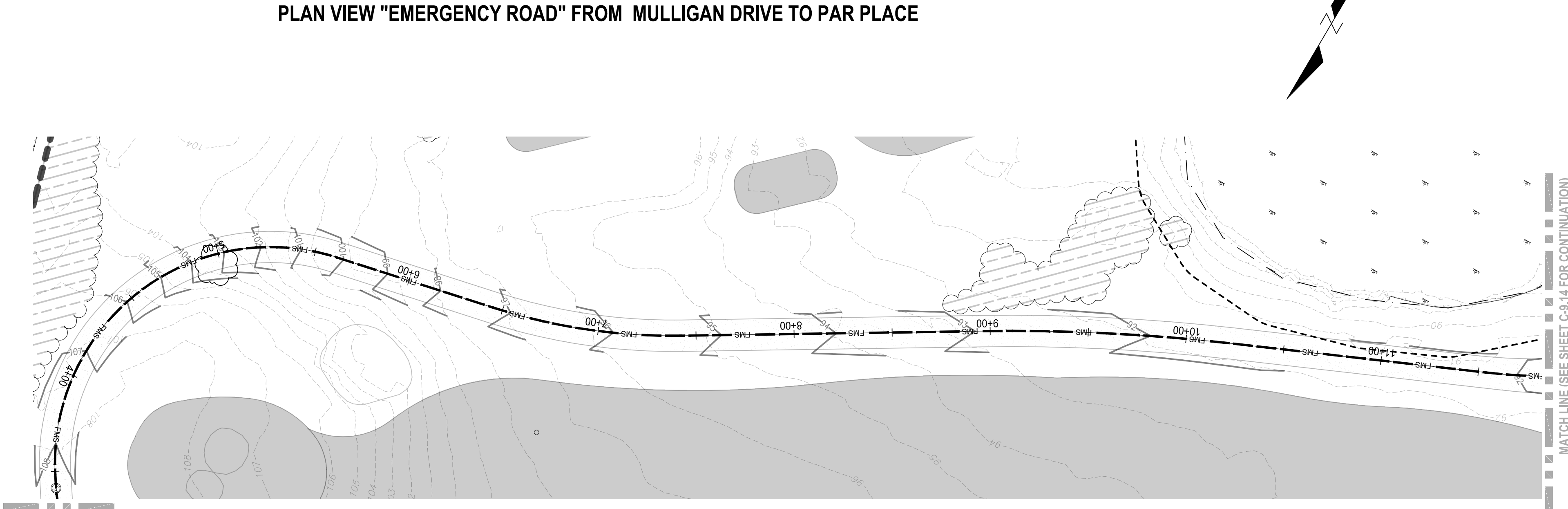
MATCH LINE (SEE SHEET C-9.14 FOR CONTINUATION)

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PLAN VIEW "EMERGENCY ROAD" FROM MULLIGAN DRIVE TO PAR PLACE



PLAN VIEW "EMERGENCY ROAD" FROM MULLIGAN DRIVE TO PAR PLACE



Date	Description	No.
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Revisions

Gabriel R. Crocker
2-5-2024

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

Crocker Design Group
2 SHARP STREET, UNIT A
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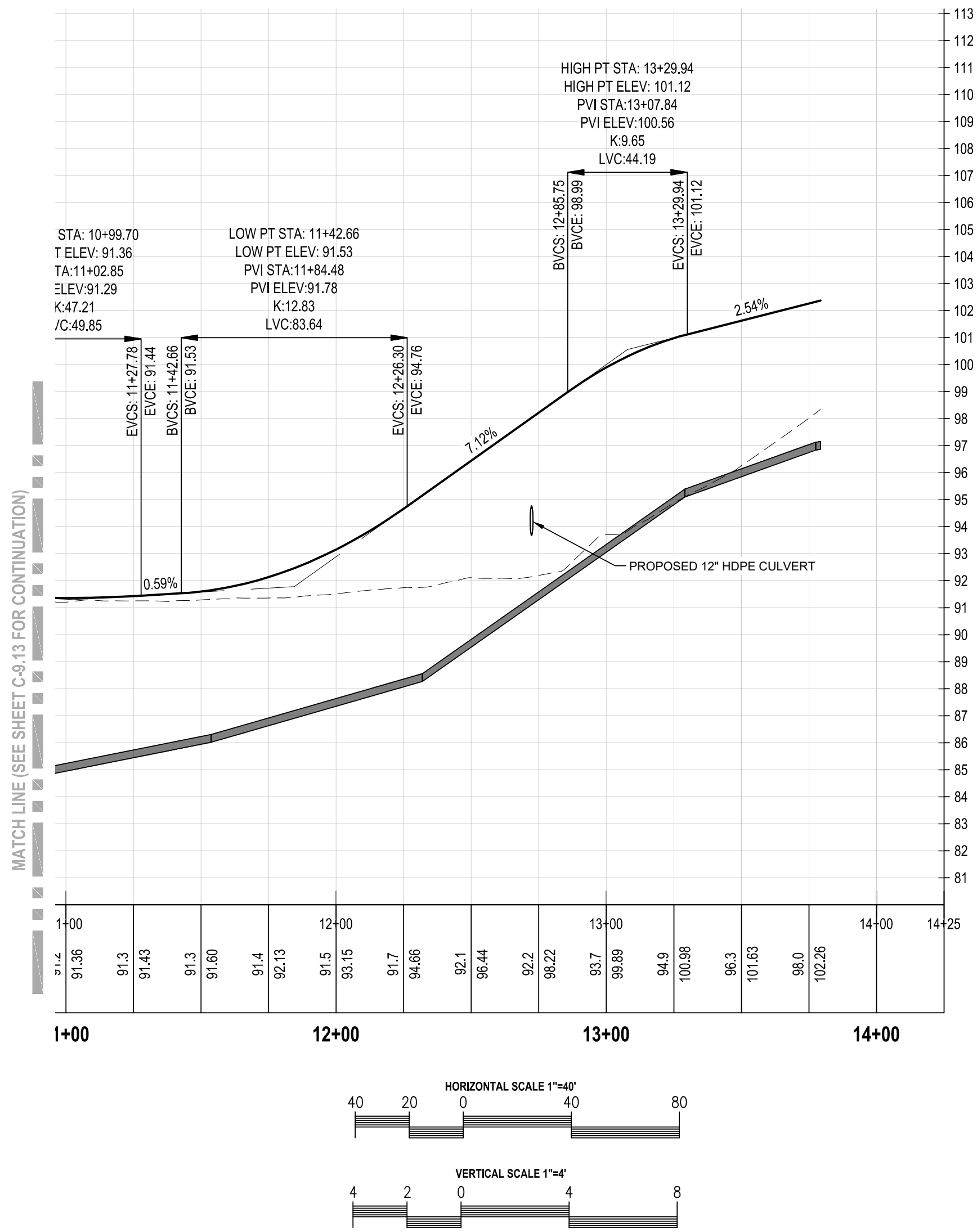
Project
AGE QUALIFIED VILLAGE PEMBROKE COUNTRY CLUB
DWELLEY STREET, HAZELWOOD DRIVE & WEST ELM STREET
PEMBROKE, MA

Prepared for
WEATHERVANE AT PEMBROKE COUNTRY CLUB, LLC
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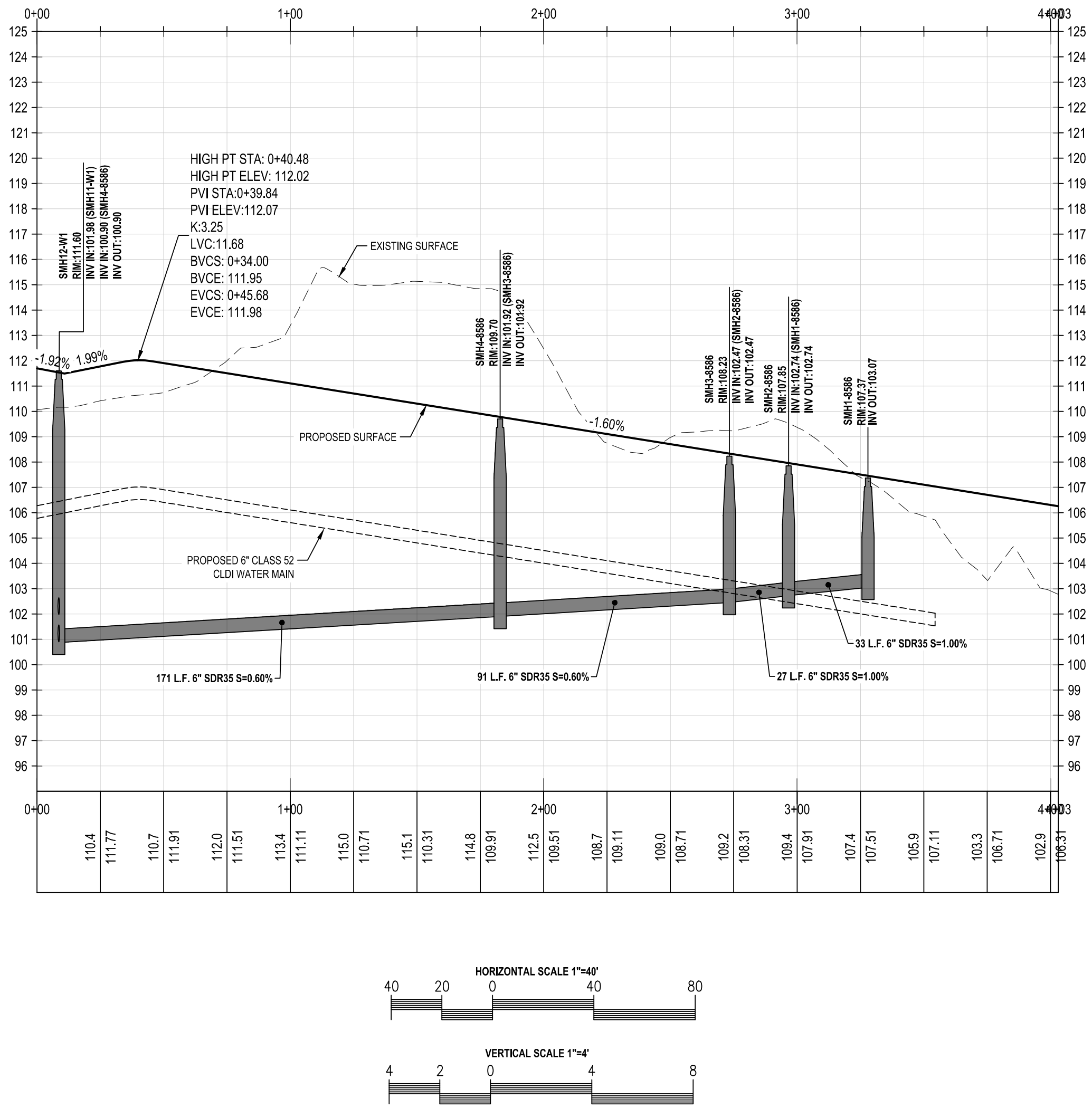
Drawing Title
ROAD PROFILES

Project No.	100-064	Drawing No.	C-9.13
Date	08 / 08 / 2023		
Scale	AS NOTED		
Drawn By	ASZ, JPM		
Approved By	TC		

ROAD PROFILE "EMERGENCY ROAD" FROM MULLIGAN DRIVE TO PAR PLACE



ROAD PROFILE DRIVEWAY TO UNIT 85 AND 86



PLAN VIEW "EMERGENCY ROAD" FROM MULLIGAN DRIVE TO PAR PLACE



PLAN VIEW DRIVEWAY TO UNIT 85 AND 86



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Revisions

Gabriel R. Crocker
2-5-2024

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PROFESSIONAL ENGINEER, MA REGISTRATION #47917

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Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

DWELLEY STREET, HAZELWOOD DRIVE &
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Prepared for

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Drawing Title

ROAD PROFILES

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