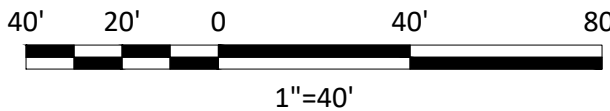
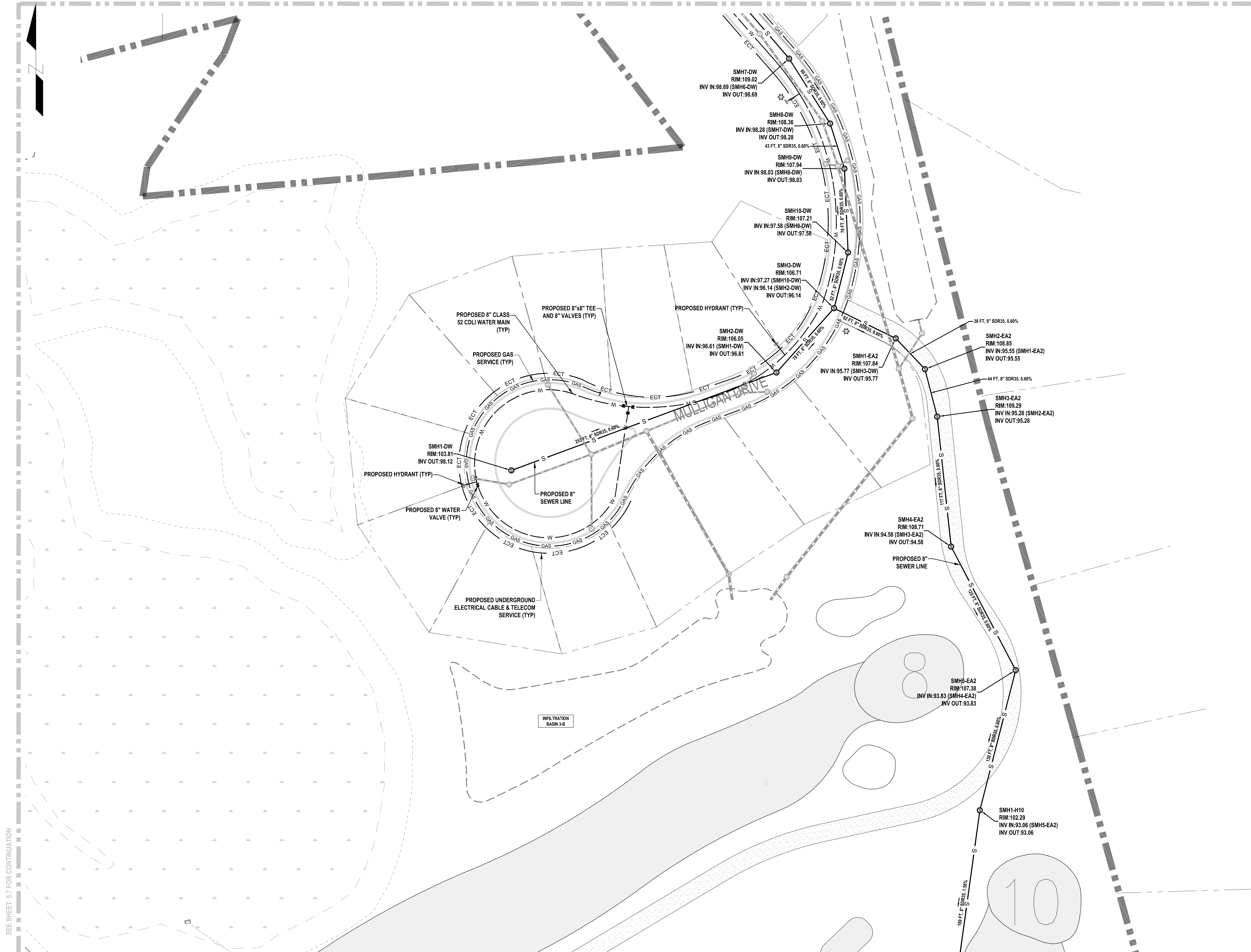


SEE SHEET 5.1 FOR CONTINUATION

FIRE HYDRANT LOCATION TO BE
COORDINATED WITH AND APPROVED BY
PEMBROKE FIRE DEPT PRIOR TO
INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON
SHEET 5.1



Date	Description	No.

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

Gull Hall
8-8-2023

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

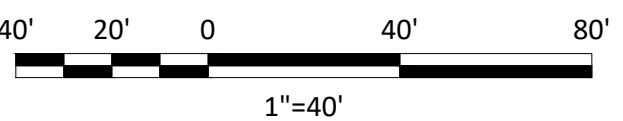
Drawing Title
UTILITY PLAN 2

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

SEE SHEET 5.7 FOR CONTINUATION

FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.
Revisions		

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

Crocker Design Group

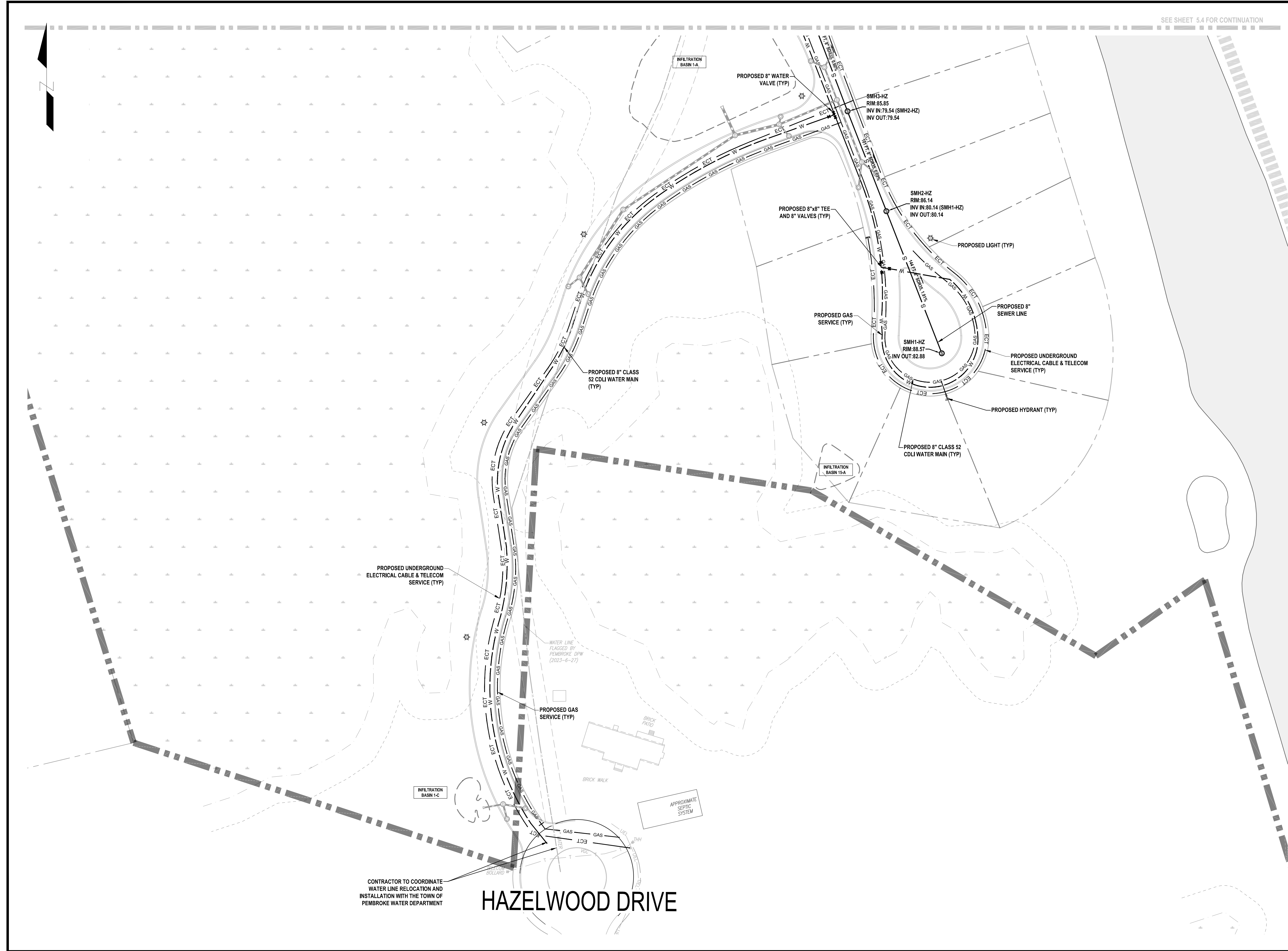
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

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
UTILITY PLAN 3

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





Project No.	100-064	Drawing No. <div style="font-size: 2em; font-weight: bold; text-align: center;">C-5.4</div>
Date	08 / 08 / 2023	
Scale	1" = 40'	
Drawn By	ASZ, JPM, RML	
Approved By	TC	

DWELLEY STREET

PROPOSED 8"x8" TEE CONNECTION TO BE COORDINATED WITH THE TOWN OF PEMBROKE WATER DEPARTMENT

APPROXIMATE 8" WATER MAIN - CONTRACTOR TO VERIFY

CONTRACTOR TO COORDINATE PROPOSED GAS CONNECTION WITH UTILITY COMPANY

CONTRACTOR TO COORDINATE PROPOSED ELECTRIC CONNECTION WITH UTILITY COMPANY

PROPOSED LIGHT (TYP)

PROPOSED GAS SERVICE (TYP)

PROPOSED UNDERGROUND ELECTRICAL CABLE & TELECOM SERVICE (TYP)

PROPOSED 8" WATER VALVE (TYP)

SMH2-W1
RIM:117.81
INV IN:112.03 (SMH1-W1)
INV IN:108.02 (SMH2-C1)
INV OUT:108.03

PROPOSED 8" SEWER LINE

PROPOSED 8" CLASS 52 CDLI WATER MAIN (TYP)

PROPOSED 8"x8" TEE AND 8" VALVES (TYP)

PROPOSED UNDERGROUND ELECTRICAL CABLE & TELECOM SERVICE (TYP)

SMH2-C1
RIM:115.10
INV IN:108.71 (SMH1-C1)
INV OUT:108.71

SMH1-C1
RIM:114.74
INV OUT:109.05

PROPOSED 8" CLASS 52 CDLI WATER MAIN (TYP)

SMH3-W1
RIM:115.85
INV IN:107.45 (SMH2-W1)
INV OUT:107.45

85 FT, 8" SDR35, 0.60%

SMH4-W1
RIM:114.44
INV IN:106.94 (SMH3-W1)
INV OUT:106.94

PROPOSED 8" WATER VALVE (TYP)

SMH2-C2
RIM:113.70
INV IN:107.59 (Structure - 1068)
INV OUT:108.18

SMH5-W1
RIM:113.11
INV IN:106.47 (SMH4-W1)
INV IN:107.01 (SMH3-C2)
INV OUT:106.47

SMH6-W1
RIM:112.46
INV IN:106.24 (SMH5-W1)
INV OUT:106.24

PROPOSED 8" WATER VALVE (TYP)

SMH3-C2
RIM:113.18
INV IN:107.54 (SMH2-C2)
INV OUT:107.54

SMH7-W1
RIM:111.24
INV IN:105.54 (SMH6-W1)
INV IN:105.54 (FMS-HZ)
INV OUT:105.54

SMH8-W1
RIM:110.07
INV IN:104.15 (SMH7-W1)
INV OUT:104.15

PROPOSED GAS SERVICE (TYP)

PROPOSED LIGHT (TYP)

SMH11-W1
RIM:112.46
INV IN:101.41 (SMH10-W1)
INV OUT:101.41

PROPOSED 8" WATER VALVE (TYP)

SMH10-W1
RIM:110.86
INV IN:102.45 (SMH9-W1)
INV OUT:102.45

SMH12-W1
RIM:111.60
INV IN:100.90 (SMH11-W1)
INV OUT:100.90

PROPOSED 8" CLASS 52 CDLI WATER MAIN (TYP)

SMH9-W1
RIM:109.44
INV IN:101.45 (SMH8-W1)

PROPOSED UNDERGROUND ELECTRICAL CABLE & TELECOM SERVICE (TYP)

SMH1-C2
RIM:115.15
INV OUT:109.55

PROPOSED 8" CLASS 52 CDLI WATER MAIN (TYP)

PROPOSED 8"x8" TEE AND 8" VALVES (TYP)

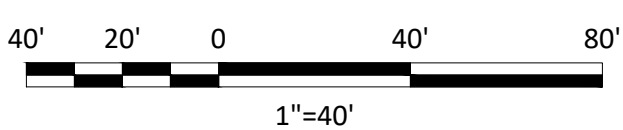
PROPOSED GAS SERVICE (TYP)

INFILTRATION BASIN 2-0

DETENTION BASIN 2-A

FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.

Professional Engineer Seal for Gabriel R. Crocker, No. 47917, State of Massachusetts.

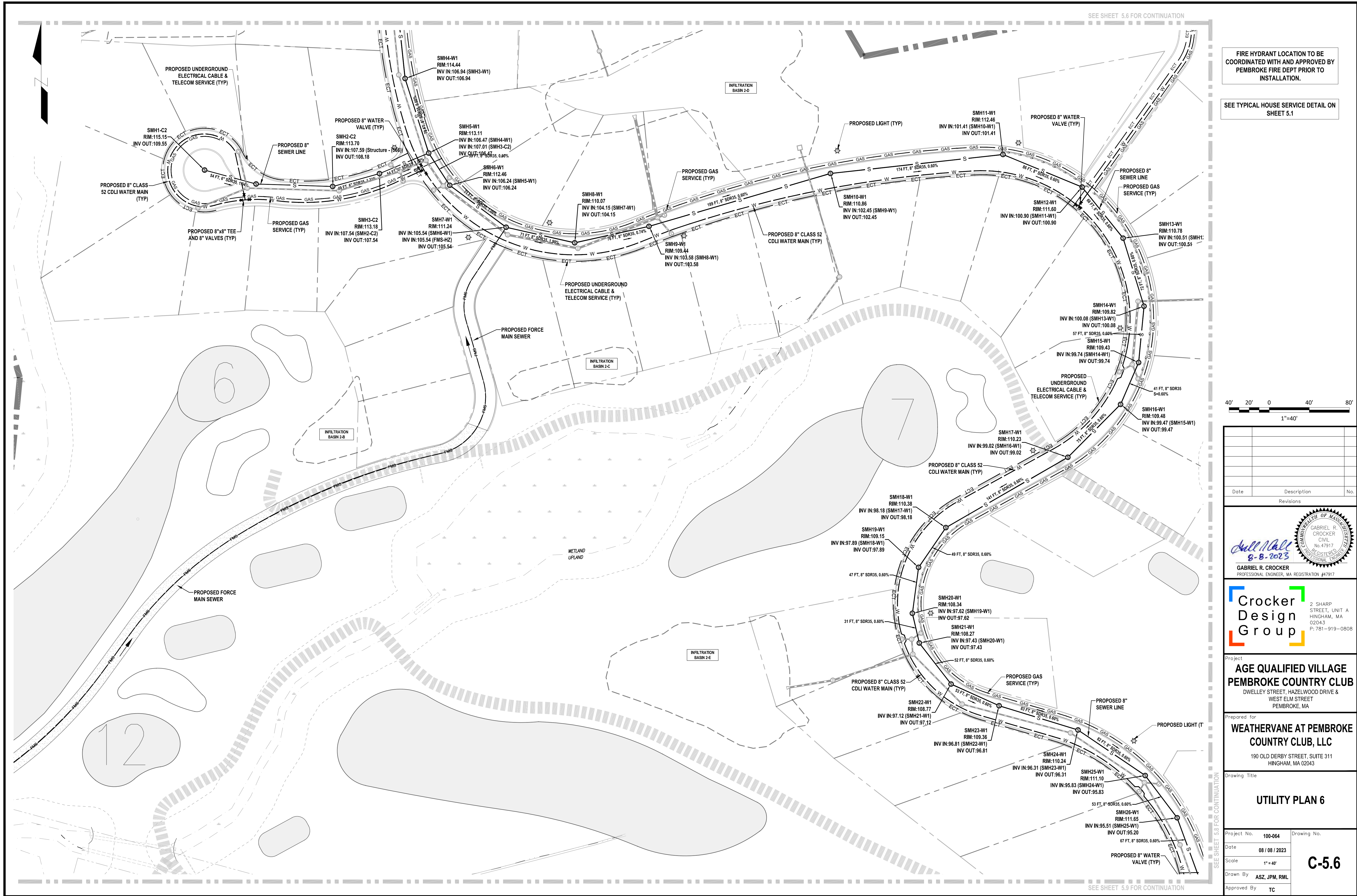
Crocker Design Group logo and address: 2 SHARP STREET, UNIT A HINGHAM, MA 02043.

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

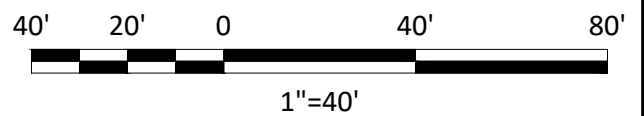
Drawing Title: UTILITY PLAN 5

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



FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.
Revisions		

Gabriel R. Crocker
8-8-2023
GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

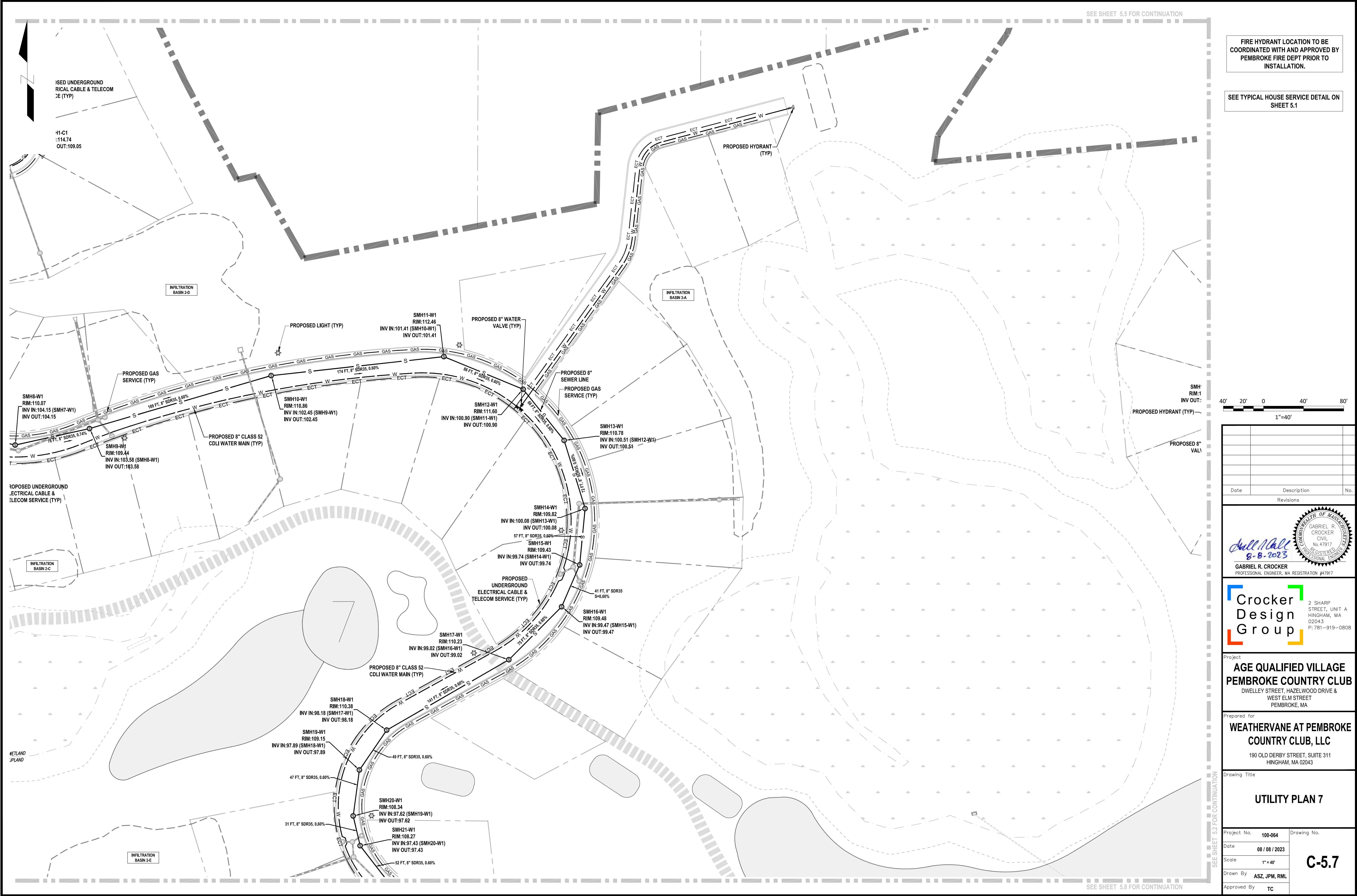
Crocker Design Group
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

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

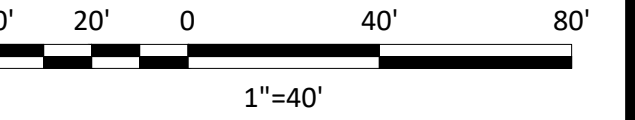
Drawing Title
UTILITY PLAN 6

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



FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.
Revisions		

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

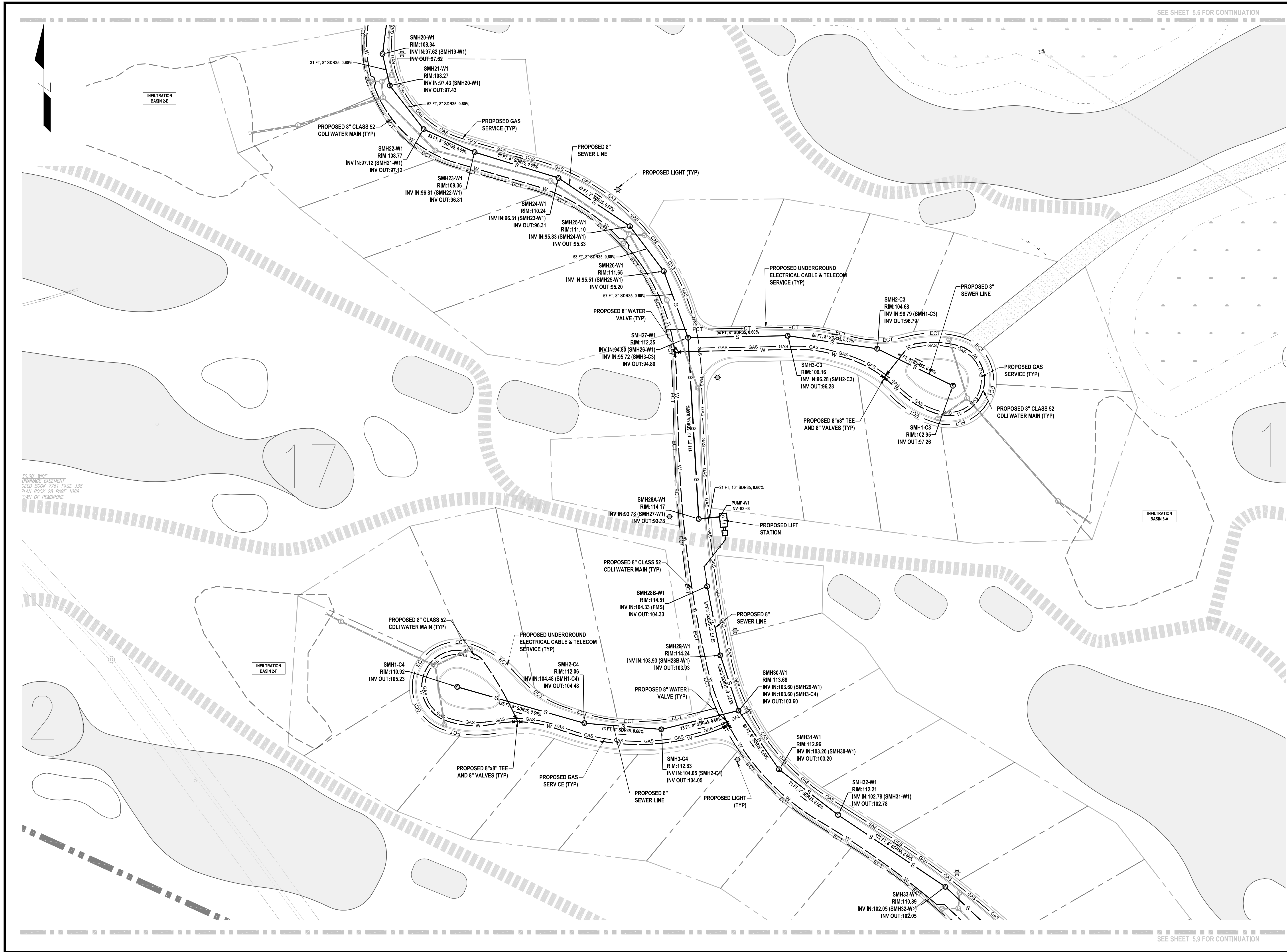
Crocker Design Group
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

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

Prepared for
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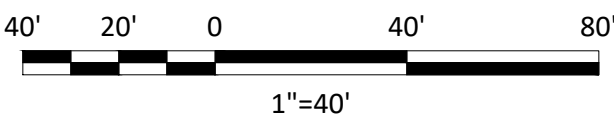
Drawing Title
UTILITY PLAN 7

Project No.	100-064	Drawing No.	C-5.7
Date	08 / 06 / 2023	Scale	1" = 40'
Drawn By	ASZ, JPM, RML	Approved By	TC



FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.
Revisions		

Gabriel R. Crocker
8-8-2023
GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

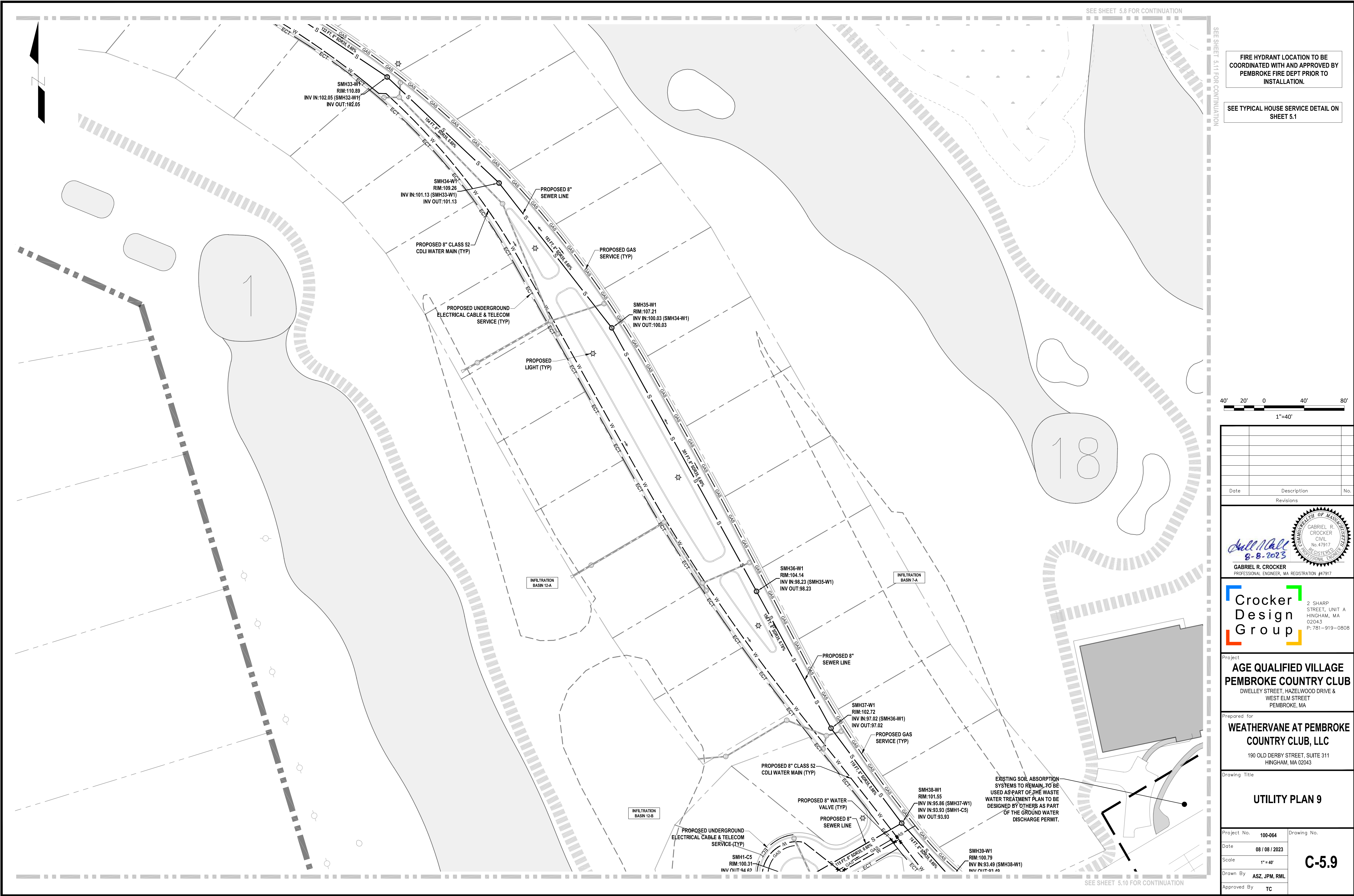
Crocker Design Group
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HINGHAM, MA 02043
P: 781-919-0808

Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
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Prepared for
**WEATHERVANE AT PEMBROKE
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190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

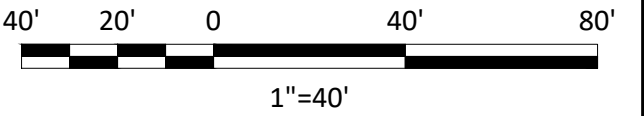
Drawing Title
UTILITY PLAN 8

Project No.	100-064	Drawing No.	C-5.8
Date	08 / 08 / 2023	Scale	
Scale	1" = 40'	Drawn By	
Drawn By	ASZ, JPM, RML	Approved By	
Approved By	TC		



FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.
Revisions		

Gabriel R. Crocker
8-8-2023

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

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

Crocker Design Group

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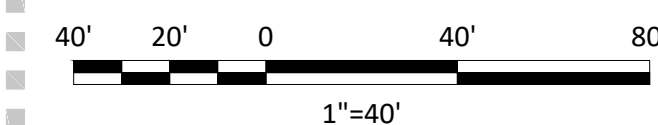
Project
**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**
DWELLEY STREET, HAZELWOOD DRIVE &
WEST ELM STREET
PEMBROKE, MA

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

Drawing Title
UTILITY PLAN 9

Project No.	100-064	Drawing No.	C-5.9
Date	08 / 06 / 2023		
Scale	1" = 40'		
Drawn By	ASZ, JPM, RML		
Approved By	TC		

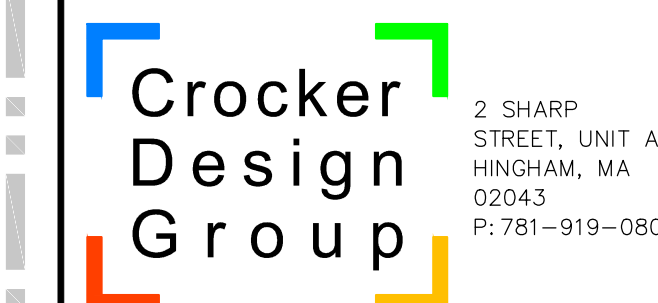
SEE TYPICAL HOUSE SERVICE DETAIL ON
SHEET 5.1



Date	Description	N
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

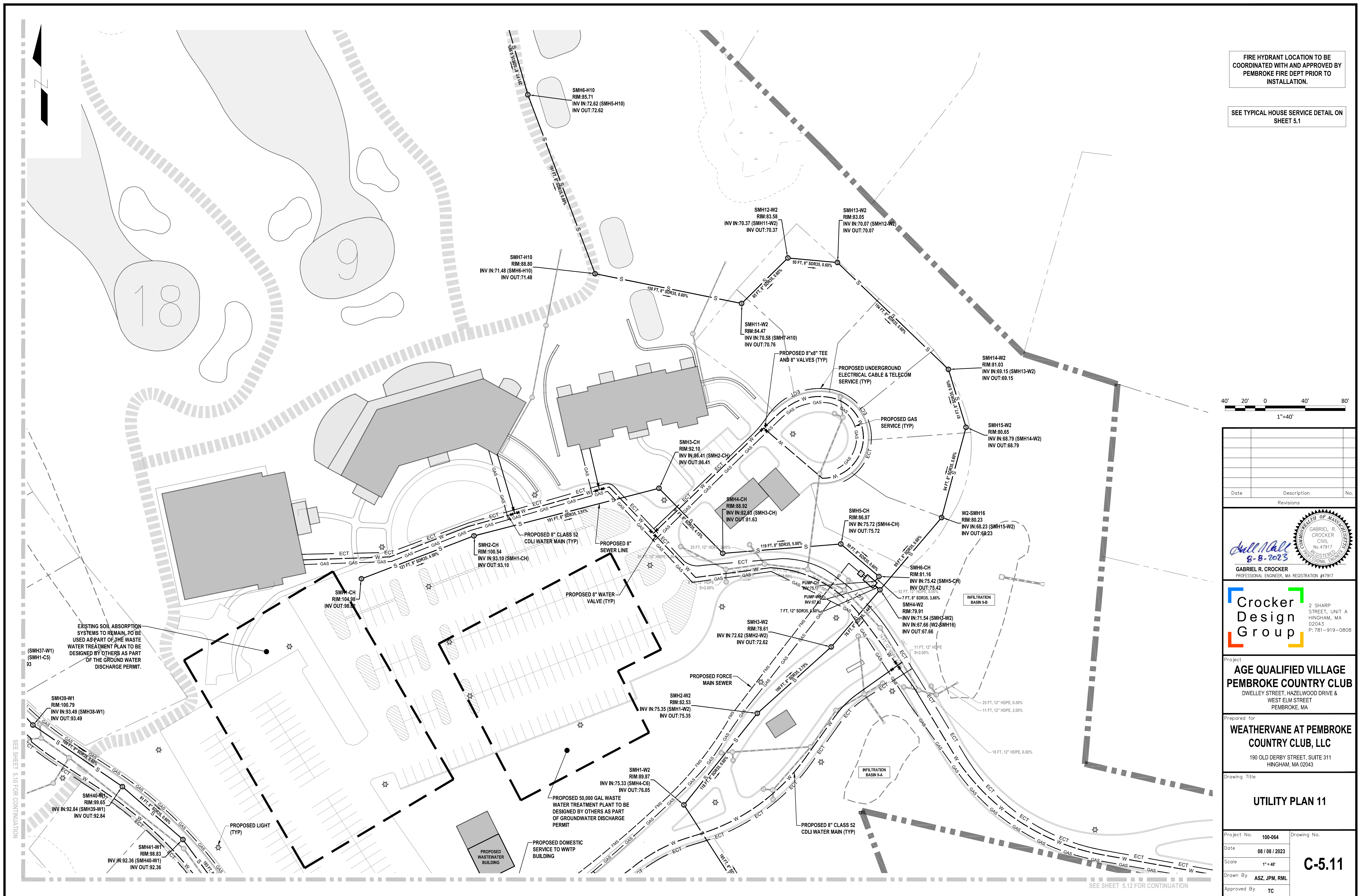
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

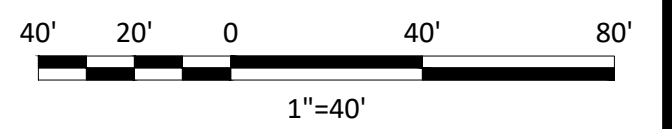
UTILITY PLAN 10

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Drawn By	ASZ, JPM, RML	
Approved By	TC	

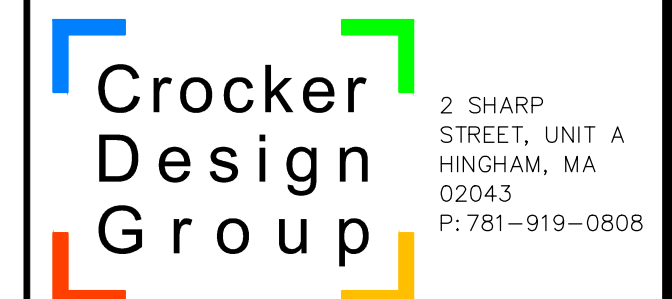
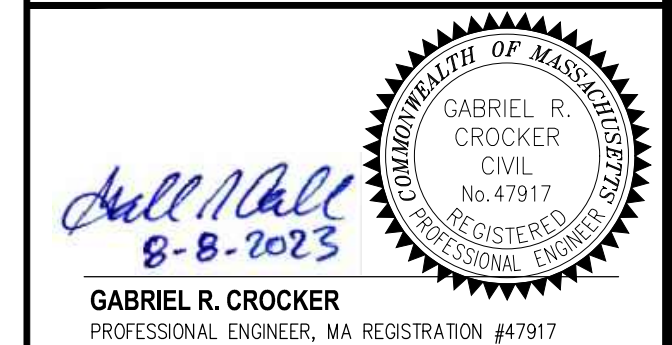


**FIRE HYDRANT LOCATION TO BE
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PEMBROKE FIRE DEPT PRIOR TO
INSTALLATION.**

SEE TYPICAL HOUSE SERVICE DETAIL ON
SHEET 5.1



Date	Description	No.
Revisions		



Project

**AGE QUALIFIED VILLAGE
PEMBROKE COUNTRY CLUB**

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

Prepared for

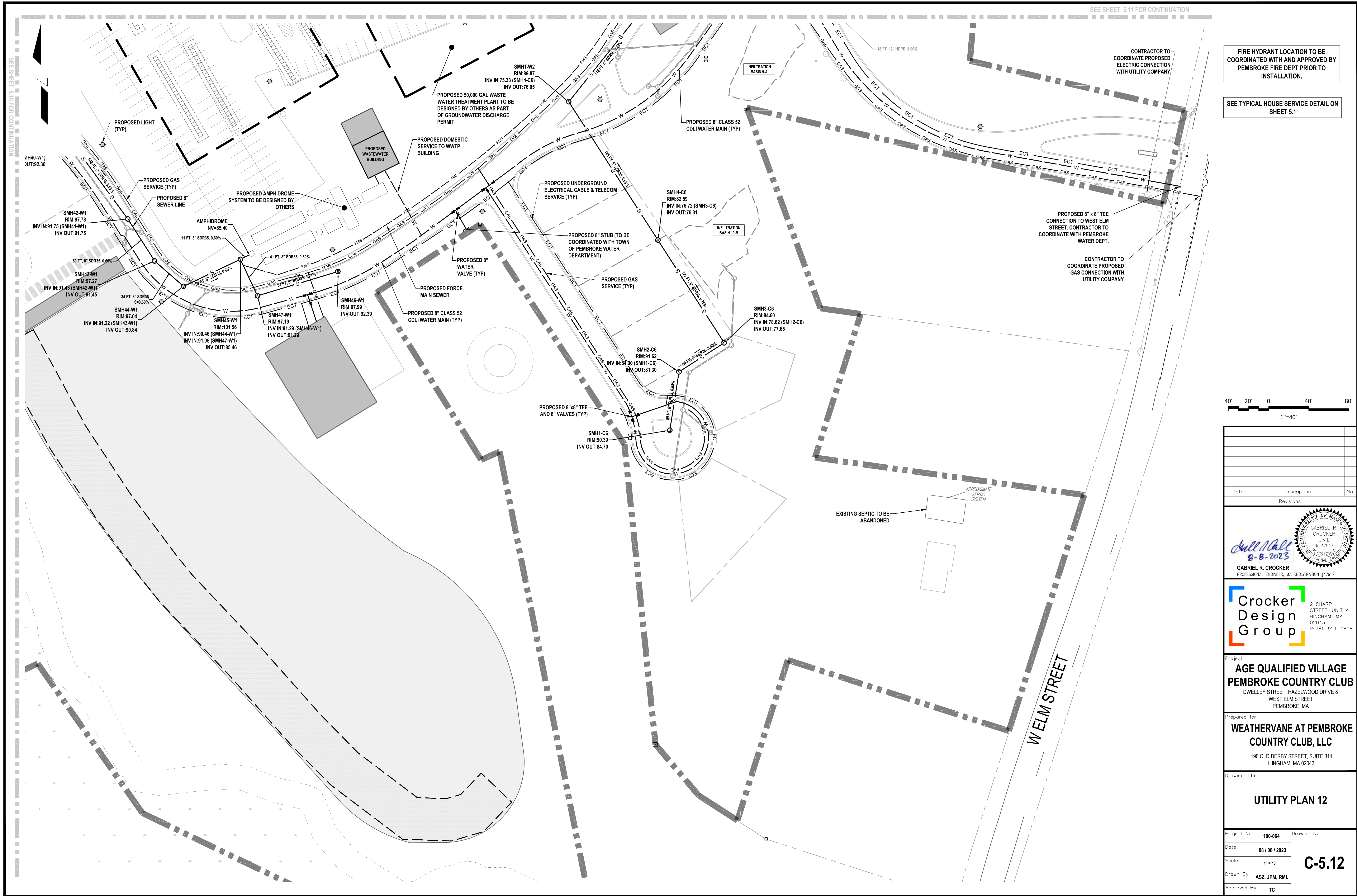
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title

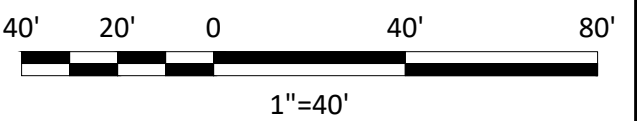
UTILITY PLAN 11

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Date	08 / 08 / 2023	
Scale	1" = 40'	
Drawn By	ASZ, JPM, RML	
Approved By	TC	



FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.
Revisions		

Gabriel R. Crocker
8-8-2023
GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

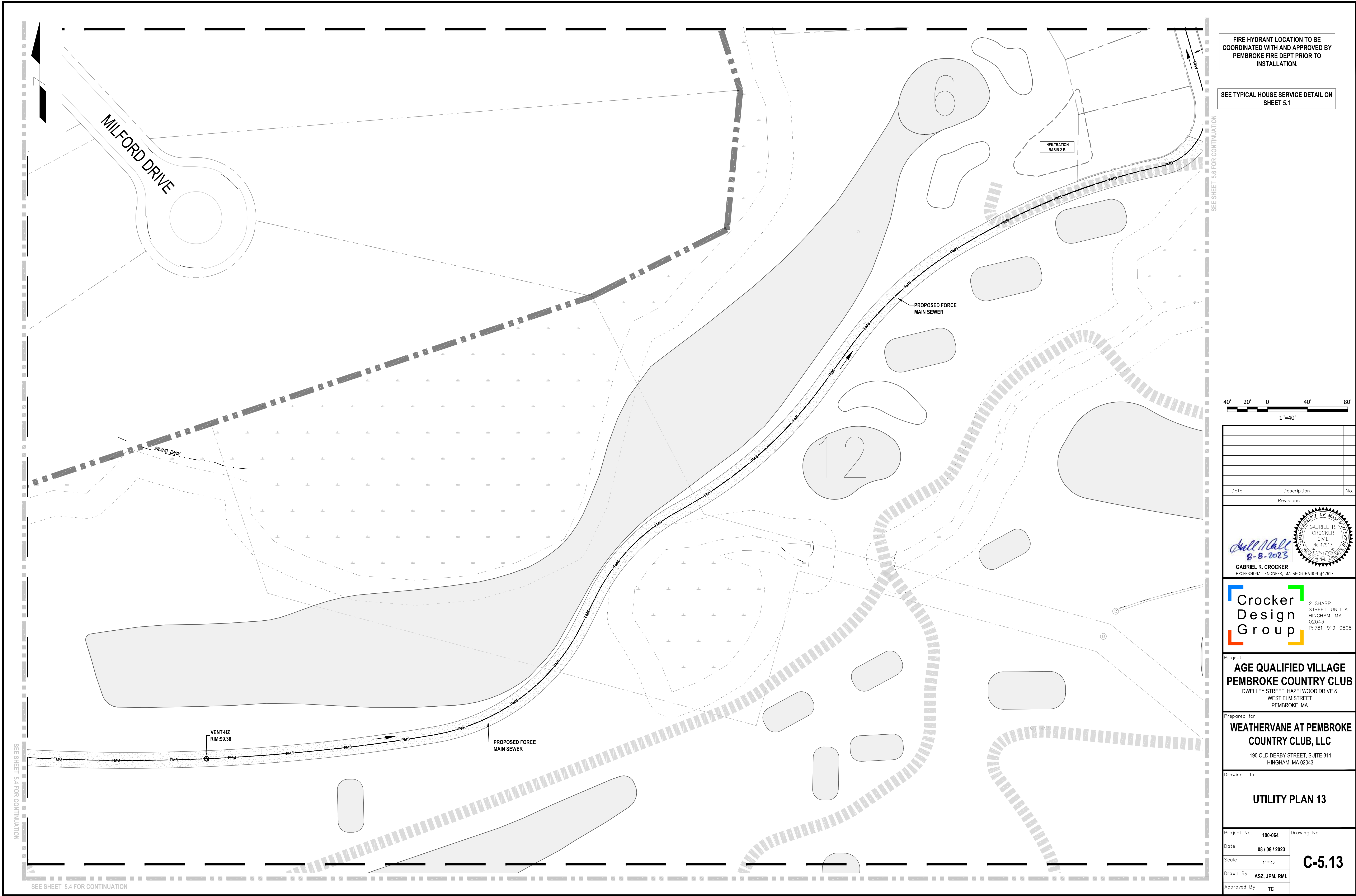
Crocker Design Group
2 SHARP STREET, UNIT A
HINGHAM, MA 02043
P: 781-919-0808

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

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

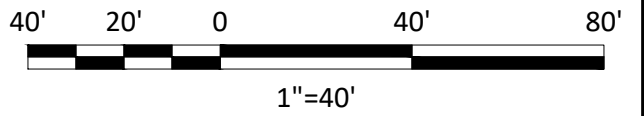
Drawing Title
UTILITY PLAN 12

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



FIRE HYDRANT LOCATION TO BE COORDINATED WITH AND APPROVED BY PEMBROKE FIRE DEPT PRIOR TO INSTALLATION.

SEE TYPICAL HOUSE SERVICE DETAIL ON SHEET 5.1



Date	Description	No.
Revisions		

Gull Hall
8-8-2023

GABRIEL R. CROCKER
PROFESSIONAL ENGINEER, MA REGISTRATION #47917

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

Crocker Design Group

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

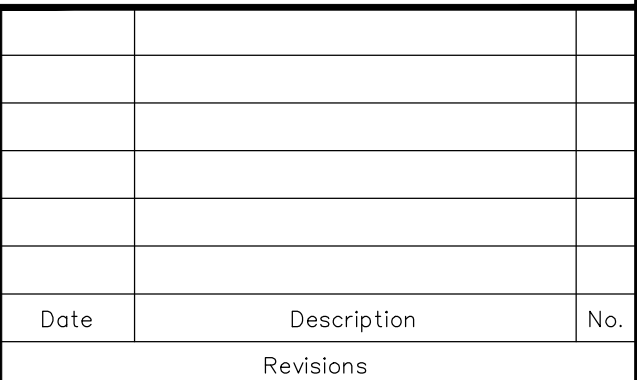
Prepared for
**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**
190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Drawing Title
UTILITY PLAN 13

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

SEE SHEET 5.8 FOR CONTINUATION

SEE TYPICAL HOUSE SERVICE DETAIL ON
SHEET 5.1



**Crocker
Design
Group**

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

prepared for

**WEATHERVANE AT PEMBROKE
COUNTRY CLUB, LLC**

190 OLD DERBY STREET, SUITE 311
HINGHAM, MA 02043

Project No.	100-064	Drawing No. <div style="font-size: 2em; font-weight: bold; text-align: center;">C-5.14</div>
Date	08 / 08 / 2023	
Scale	1" = 40'	
Drawn By	ASZ, JPM, RML	
Approved By	TC	