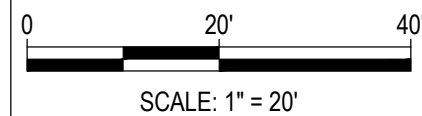


No.	DATE	REVISIONS	INT
1	8/27/24	MANHOLE UPDATES	MDM
2	8/26/25	INV REVIEW AND UPDATE PER MWW/ AP	

### Horizontal Scale



**Contour Interval = 2 ft**

DATE: 1-16-2025

JOB #: 2033-004  
DRAWN BY: MDM

DESIGN BY: WNM/MDM

REVIEW BY: FPSE

IF THIS DRAWING IS PRESENTED IN A  
FORMAT OTHER THAN 24" X 36", THE  
GRAPHIC SCALE SHOULD BE UTILIZED

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[T]

## REL

## REFERENCES

# WCH

## REFERENCES

## SPI

CC

## APPENDIX II

TAN

## INTRODUCTION

5: Z

INCORPORATING

## SAW PL

DR

**QUEST 2**

SHEET #

**Conclusions:**

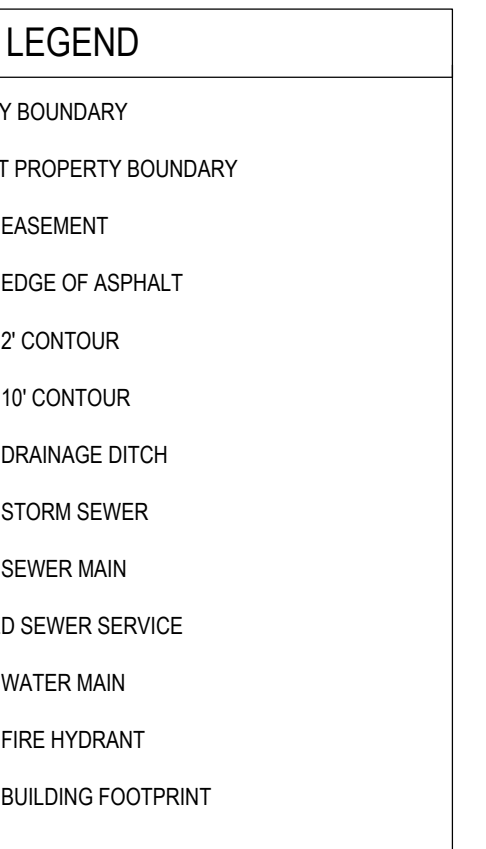
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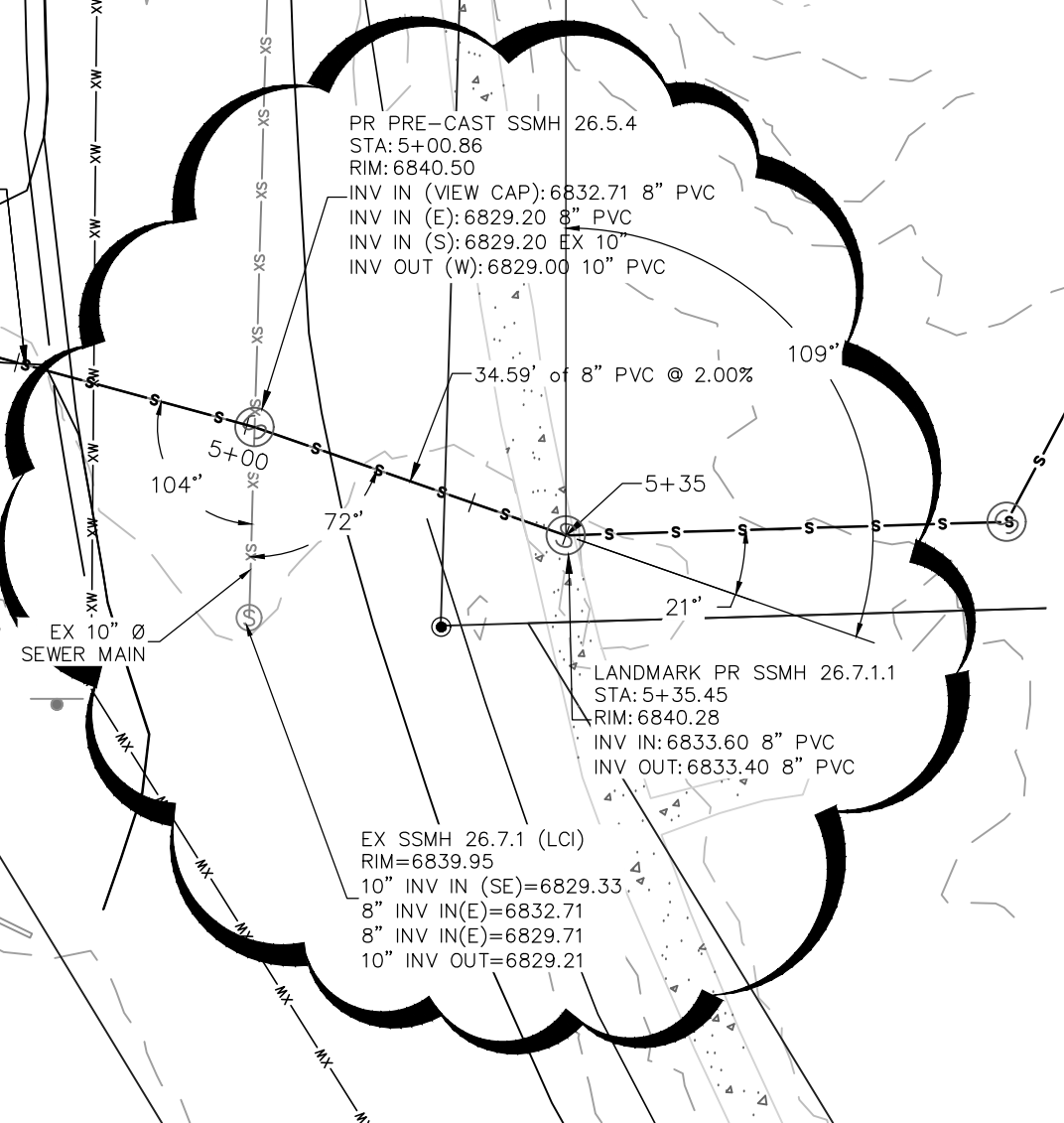
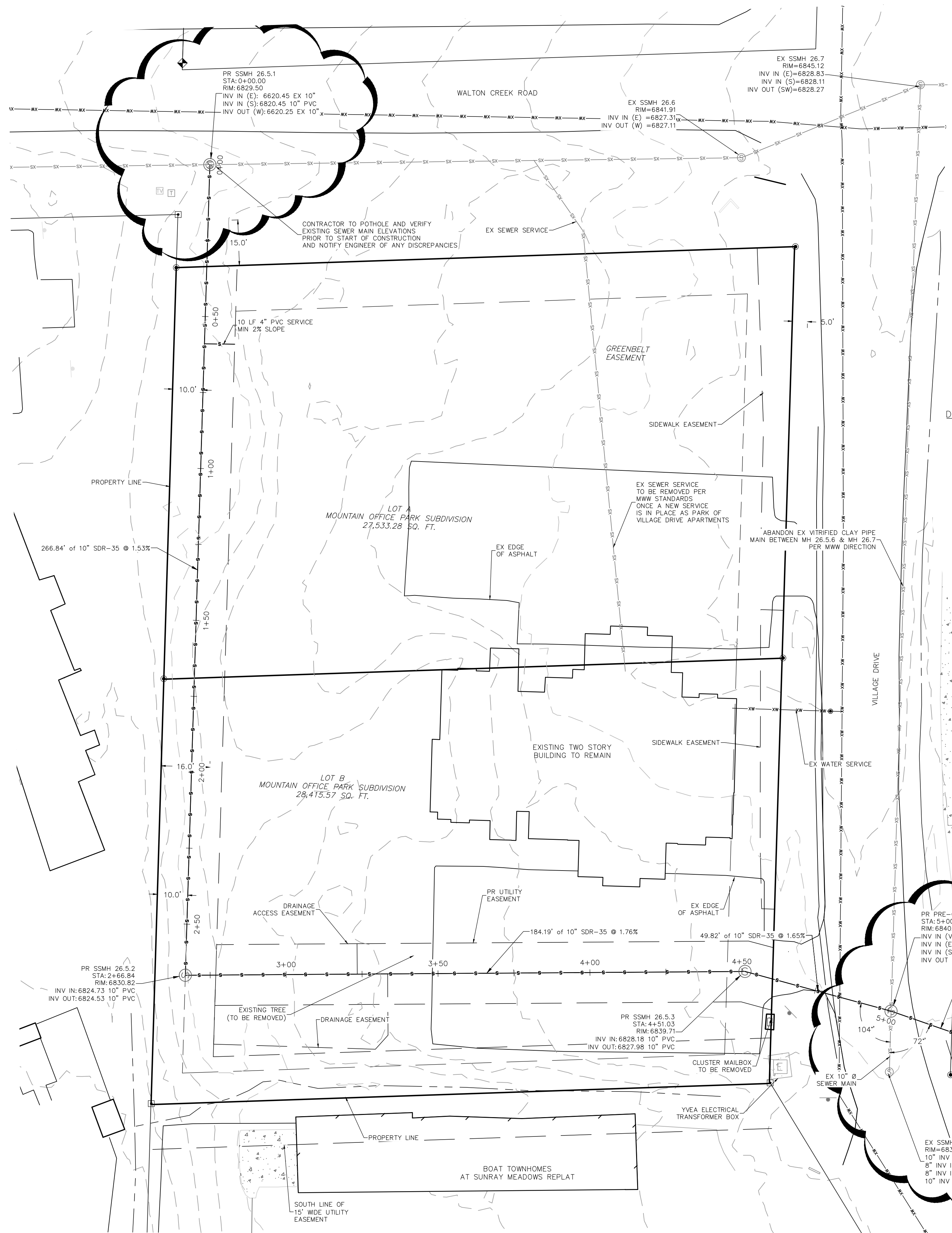
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1. EXISTING UTILITY LOCATIONS WERE OBTAINED FROM FIELD LOCATES AND FIELD SURVEYING AND HAVE NOT BEEN VERIFIED WITH ANY ADDITIONAL UNDERGROUND PHOTOGRAPHY, POTHOLING AND VERIFICATION OF LINE LOCATIONS SHALL BE REQUIRED AT ALL EXISTING UTILITY CROSSINGS.
2. MINIMUM SEPARATION BETWEEN PARALLEL WATER AND SEWER MAINS AND SERVICES IS TEN (10') FEET. MINIMUM SEPARATION BETWEEN PARALLEL WATER AND GAS SERVICE LINES IS TEN (10') FEET.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF MOUNT WERNER WATER STANDARDS AND SPECIFICATIONS, LATEST EDITION.
4. MINIMUM COVER FROM FINISHED GRADE TO TOP OF WATER MAIN LINE IS SEVEN (7') FEET UNLESS OTHERWISE NOTED. ALL WATER SERVICE LINES SHALL BE TYPE "K" COPPER AND SEAMLESS BETWEEN FITTINGS.
5. MINIMUM SEPARATION BETWEEN UTILITY DEEDS SHALL BE FIFTEEN (15') FEET. MINIMUM SEPARATION BETWEEN FIRE HYDRANTS, WATER OR SEWER MAINS, AND ENDS OF CULVERTS IS FIVE (5') FEET. MINIMUM SEPARATION BETWEEN WATER AND SEWER SERVICE LINES IS TEN (10') FEET. NO RIP-RAP IS PERMITTED WITHIN TEN (10') FEET OF A SEWER MAIN.
6. VALVES SHALL BE OPERATED BY UTILITY PERSONNEL ONLY.
7. SEWER SERVICES ARE ANTICIPATED TO BE FOUR (4") INCH DIAMETER, SD 35 PVC, MINIMUM SLOPE OF 2% UNLESS NOTED OTHERWISE.
8. WATER SERVICES ARE ANTICIPATED TO BE ONE (1") INCH DIAMETER, COPPER, TYPE "K" UNLESS NOTED OTHERWISE.
9. DISINFECTION, BACTERIOLOGICAL, AND HYDROSTATIC TESTING IS REQUIRED FOR THE 8" DIP WATER/FIRE SERVICE PIPE.
10. ALL MECHANICAL JOINTS, RESTRAINT, THURST BLOCKS AND CROSSING MUST BE OBSERVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL.
11. ALL MECHANICAL RESTRAINTS AND THURST BLOCKS ARE REQUIRED AT ALL BENDS, TEES, REDUCERS AND DEAD ENDS.
12. ALL FITTINGS ASSOCIATED WITH UTILITY INSTALLATION WILL BE ON-SITE PRIOR TO WATER LINE SHUT DOWN.



ABBREVIATIONS:

BOW	BOTTOM OF WALL
BLDG	BUILDING
CL	CENTERLINE
CMU	CONCRETE MASONRY UNITS
CO	CLEAN OUT
CONC	CONCRETE
ELEV	ELEVATION
EOC	EDGE OF CONCRETE
EOG	EDGE OF GRAVEL
EX	EXISTING
FFE	FINISHED FLOOR ELEVATION
FND	FOUNDATION
HP	HIGH POINT
INV	INVERT
LF	LINEAR FEET
PRO	PROPOSED
SCH	SCHEDULE
SF	SQUARE FEET
SS	SNOW STORAGE
TOW	TOP OF WALL

## LEGEND

PROPERTY BOUNDARY  
ADJACENT PROPERTY BOUNDARY  
EXISTING EASEMENT  
EXISTING EDGE OF ASPHALT  
EXISTING 2' CONTOUR  
EXISTING 10' CONTOUR  
EXISTING DRAINAGE DITCH  
EXISTING STORM SEWER  
EXISTING SEWER MAIN  
PROPOSED SEWER SERVICE  
EXISTING WATER MAIN  
EXISTING FIRE HYDRANT  
EXISTING BUILDING FOOTPRINT

**DRAWING:**

# AWING: **SANITARY SEWER PLAN AND PROFILE**

**SHEET #**

# C5A