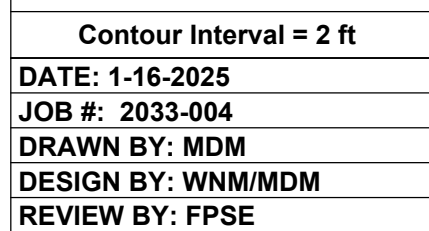


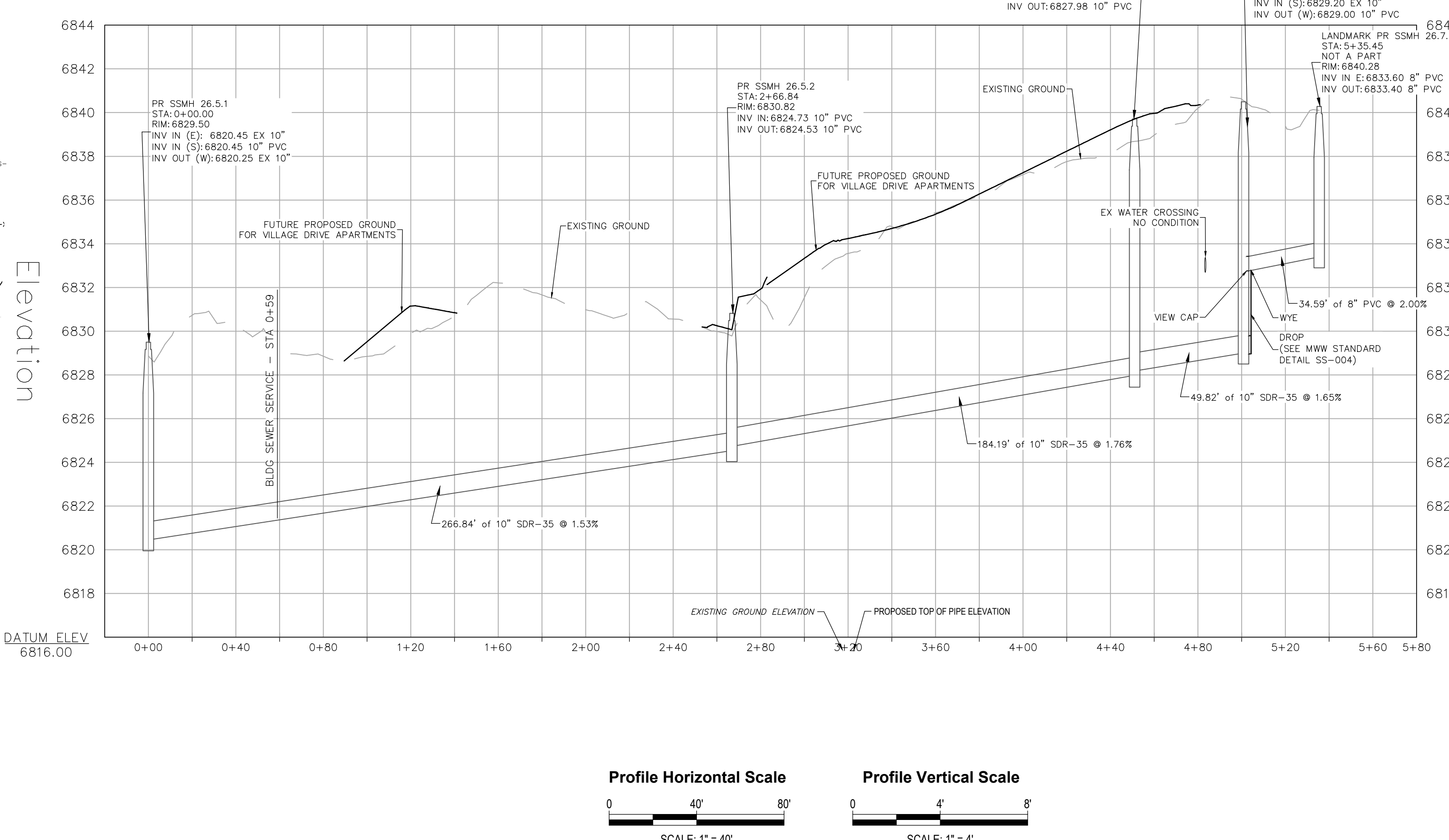
**VILLAGE DRIVE  
APARTMENTS SEWER  
LOT A AND LOT B  
MT. OFFICE PARK  
SUBDIVISION**



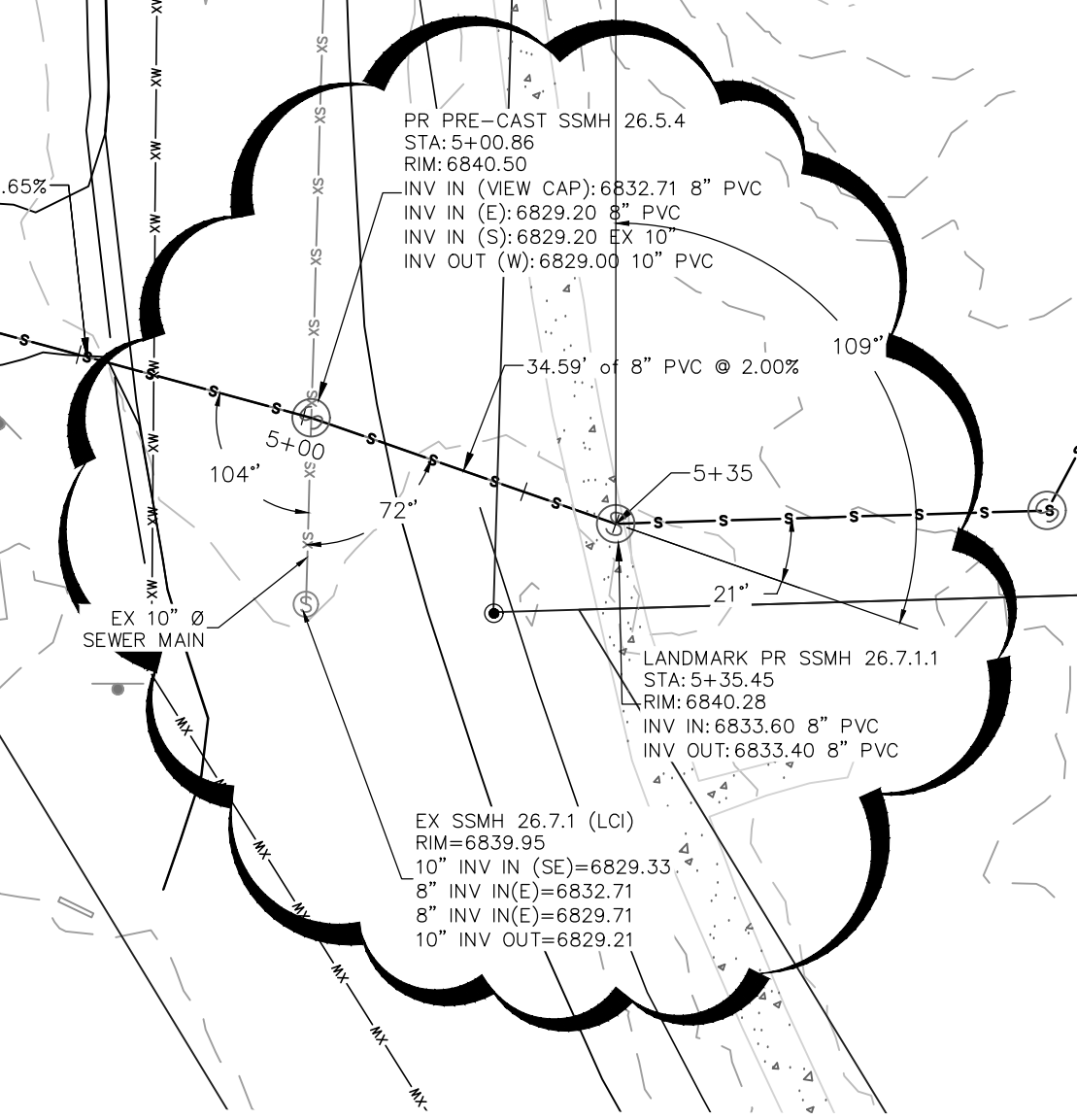
**DRAWING:**

**SANITARY SEWER  
PLAN AND PROFILE**

# C5A
















1. EXISTING UTILITY LOCATIONS WERE OBTAINED FROM FIELD LOCATES AND FIELD SURVEYING AND HAVE NOT BEEN VERIFIED WITH ANY ADDITIONAL UNDERGROUND POTHOLING. 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 SEWER SERVICE LINES IS TEN (10') FEET.
3. ALL UTILITY MAINS SHALL BE INSTALLED WITHIN THE 15' 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 PEDESTALS AND FIRE HYDRANTS IS FIFTEEN (15') FEET. MINIMUM SEPARATION BETWEEN FIRE HYDRANTS AND WATER OR SEWER MAINS, AND END OF SERVICE LINES IS FIFTEEN (15') 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, SDR 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, THRUST BLOCKS AND CROSSING MUST BE OBSERVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF BENT BLOCKS.
11. MECHANICAL RESTRAINTS AND THRUST BLOCKS ARE REQUIRED AT ALL BENDS, TEES, REDUCERS AND DEAD ENDS.
12. ALL FITTINGS ASSOCIATED WITH UTILITY INSTALLATION WILL BE ON-SITE PRIOR TO UTILITY LINE SHUT DOWN.



## ABBREVIATIONS:

BOW	BOTTOM OF WALL
BLDG	BUILDING
CL	CENTERLINE
CMU	CONCRETE MASONRY UNITS
CO	CLEAN OUT
CONC	CONCRETE
ELG	ELEVATION
ECC	EDGE OF CONCRETE
EOG	EDGE OF GRAVEL
EX	EXISTING
FFE	FINISHED FLOOR ELEVATION
FND	FOUNDATION
HP	HIGH POINT
INV	INVERT
LF	LINEAR FEET
PR	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