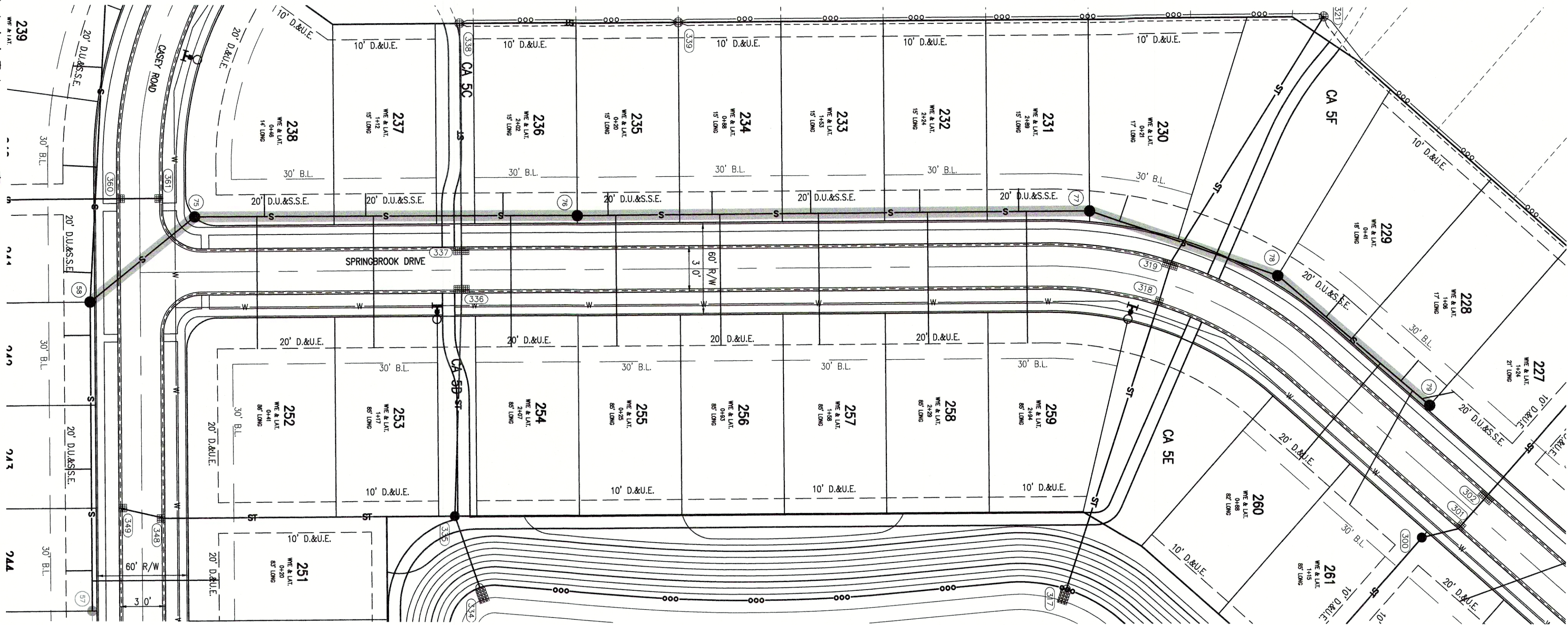


Plot Date: Sep 08, 2020 Plot Time: 3:21pm File Name: W:\CalAtlantic Homes\2017-271-E Lennar-Springbrook Sect 5\Design\CA017271-E\Sanitary Plan.dwg, Layout: C4.1 By: gmedlock

LEGEND:	
EXISTING	PROPOSED
	RIGHT-OF-WAY LINE
	EASEMENT LINE
	SETBACK LINE
	CENTERLINE
	SWALE / FLOWLINE
	CURB UNDERDRAIN
	SANITARY SEWER
	STORM SEWER
	STORM CULVERT
	WATER MAIN
	SANITARY MANHOLE
	STORM MANHOLE
	STORM INLET
	STORM END SECTION
	FIRE HYDRANT
	PROFILED PIPELINE
EX	EXISTING
INV	INVERT ELEVATION
MH	MANHOLE
PVC	POLYVINYL CHLORIDE PIPE
TC	TOP OF CASTING GRADE



KNOW WHAT'S BELOW.
CALL BEFORE YOU DIG.
Call 811 or 800-382-5544 Before you Dig!

GRAPHIC SCALE
0' 50' 100' 150'
(IN FEET)

BENCHMARK INFORMATION:
ORIGINATING BENCHMARK: NGS H 236
NGS DISK AT SOUTHWEST QUADRANT OF STATE ROAD 13 AND
COUNTY ROAD 900 SOUTH, APPROXIMATELY 30 FEET WEST OF
CENTERLINE STATE ROAD 13 AND 30 FEET SOUTH OF
CENTERLINE COUNTY ROAD 900 SOUTH. ELEVATION PER MADISON
COUNTY STATE PLANE COORDINATE CONTROL NETWORK HELD.
ELEV = 859.96 (NAVD 88)

TBM #1
BENCH SPIKE 1' UP ON WEST SIDE OF POWER POLE #PSI
189/875 +/-100' SOUTH OF ENTRANCE TO COUNTRY LANE
KENNEL, +/-30' EAST OF CL OF SR13
ELEV = 860.60 (NAVD 88)

TBM #2
RR SPIKE 1' UP ON EAST SIDE POWER POLE #064-708 +/-30'
WEST OF CL OF SR13
ELEV = 862.74 (NAVD 88)

TBM #3
SANITARY MANHOLE ON EAST SIDE OF PADDLEBOAT LN.
ELEV = 861.80 (NAVD 88)

TBM #4
SANITARY MANHOLE ON EAST SIDE OF COMET LN.
ELEV = 861.76 (NAVD 88)

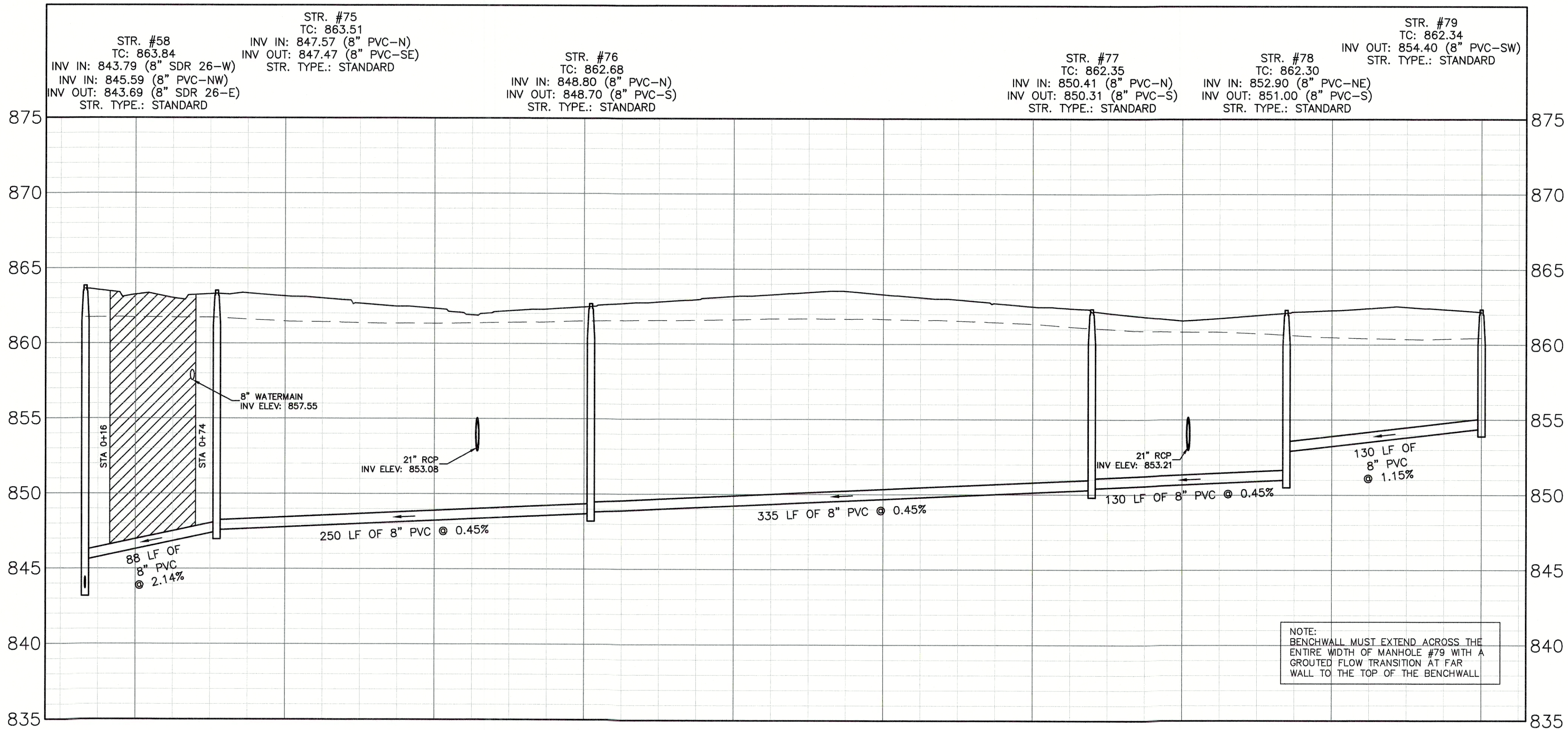
TBM #5
BENCH SPIKE 1' UP ON NORTH SIDE OF NINESTAR POLE #12660
ELEV = 862.05 (NAVD 88)

SANITARY PROFILE
VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'

PVC GRAVITY SEWER PIPE AND FITTINGS
MUST, AT A MINIMUM, BE INSTALLED IN
ACCORDANCE WITH THE DIRECTIONS
CONTAINED IN ASTM D 2321.

NOTE:
GRANULAR BACKFILL IS REQUIRED FOR
SANITARY SEWER MAIN AND LATERAL
TRENCHES IN AND WITHIN 5' OF
EXISTING OR PROPOSED PAVEMENT OR
CURB PER THE FLEXIBLE PIPE BEDDING
DETAIL ON C8.4.

	GRANULAR BACKFILL
	EXISTING GRADE
	PROPOSED GRADE



NOTE:
BENCHWALL MUST EXTEND ACROSS THE
ENTIRE WIDTH OF MANHOLE #79 WITH A
GROUTED FLOW TRANSITION AT FAR
WALL TO THE TOP OF THE BENCHWALL

REVISIONS		
DATE	DESCRIPTION	BY

HWC
ENGINEERING

INDIANAPOLIS - TERRE HAUTE
LAFAYETTE - MUNCIE - NEW ALBANY
www.hwcengineering.com

SPRINGBROOK
SECTION 5
SANITARY SEWER PLAN & PROFILES

PROFESSIONAL ENGINEER
No. 11400758
STATE OF INDIANA
NOT A PUBLIC RECORD

DRAWN BY TS/TD/GM	JOB NUMBER 2017-271-E
CHECKED BY KE	DATE SEPTEMBER 8, 2020
SCALE AS SHOWN	SHEET

C4.1
SANITARY SEWER PLAN &
PROFILES