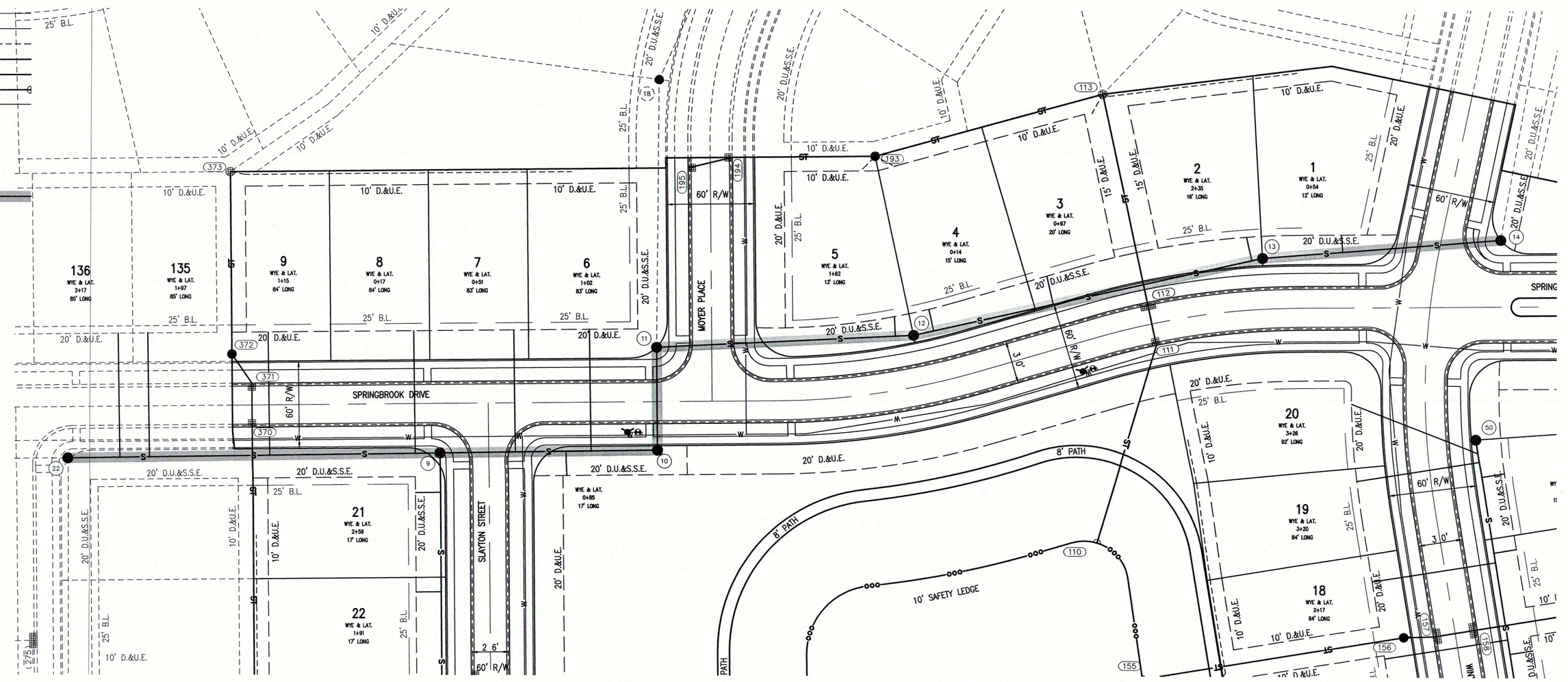
LEGEND:

EXISTING		PROPOSED
	RIGHT-OF-WAY LINE	
	EASEMENT LINE	
	SETBACK LINE	
	CENTERLINE	
	SWALE / FLOWLINE	
	CURB UNDERDRAIN	
S	SANITARY SEWER	S
ST	STORM SEWER	ST
ST	STORM CULVERT	ST
W	WATER MAIN	W
(S)	SANITARY MANHOLE	(XXX)
(ST)	STORM MANHOLE	(XXX)
	STORM INLET	(XXX)
	STORM END SECTION	(XXX)
	FIRE HYDRANT	
	PROFILED PIPELINE	S

EX – EXISTING
INV – INVERT ELEVATION
MH – MANHOLE
PVC – POLYVINYL CHLORIDE PIPE
TC – TOP OF CASTING GRADE



Indiana 811
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)

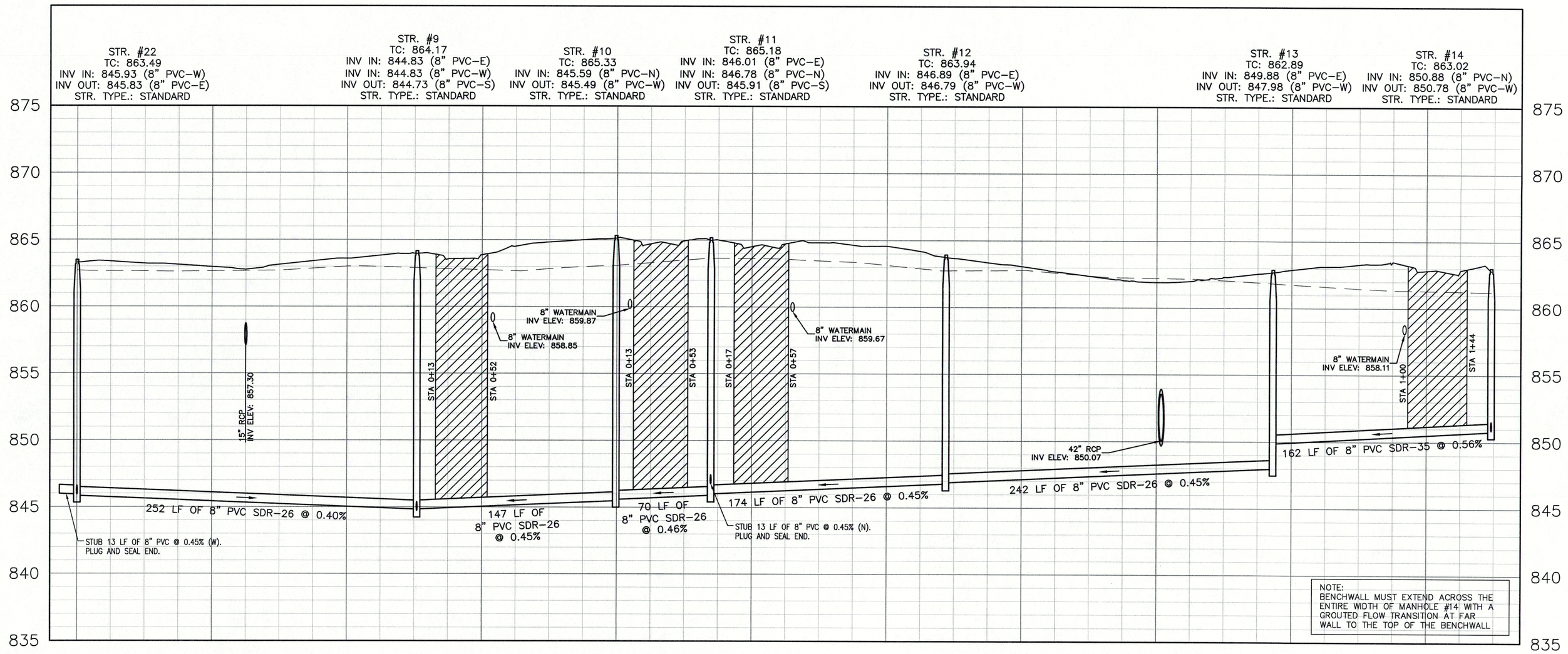
TBM #5
BENCH SPIKE 1' UP ON NORTH SIDE OF NINESTAR POLE #12660
ELEV = 862.05 (NAVD 88)

SANITARY PROFILE

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

GRANULAR BACKFILL
EXISTING GRADE
PROPOSED GRADE

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.



NOTE:
BENCHWALL MUST EXTEND ACROSS THE ENTIRE WIDTH OF MANHOLE #14 WITH A GROUTED FLOW TRANSITION AT FAR WALL TO THE TOP OF THE BENCHWALL.

REVISIONS

DATE	DESCRIPTION	BY
02/05/19	REVISIONS PER CLIENT AND COUNTY COMMENTS	HWC

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

SPRINGBROOK SECTION 1A
SANITARY SEWER PLAN & PROFILE

SEAN M. DOWNEY
REGISTERED
No. 10200309
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWN BY TD,TS	JOB NUMBER 2017-271-A
CHECKED BY SD	
DATE NOVEMBER 8, 2018	
SCALE AS SHOWN	
SHEET C4.0 SANITARY SEWER PLAN & PROFILE	

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Plot Date: Feb 06, 2019 Plot Time: 6:20am File Name: W:\CalAtlantic Homes\2017-271-A CalAtlantic- Springbrook Sect 1\Design\CAD\17271-A.Sanitary Plan.dwg, Layout: C4.0 By: sdowney