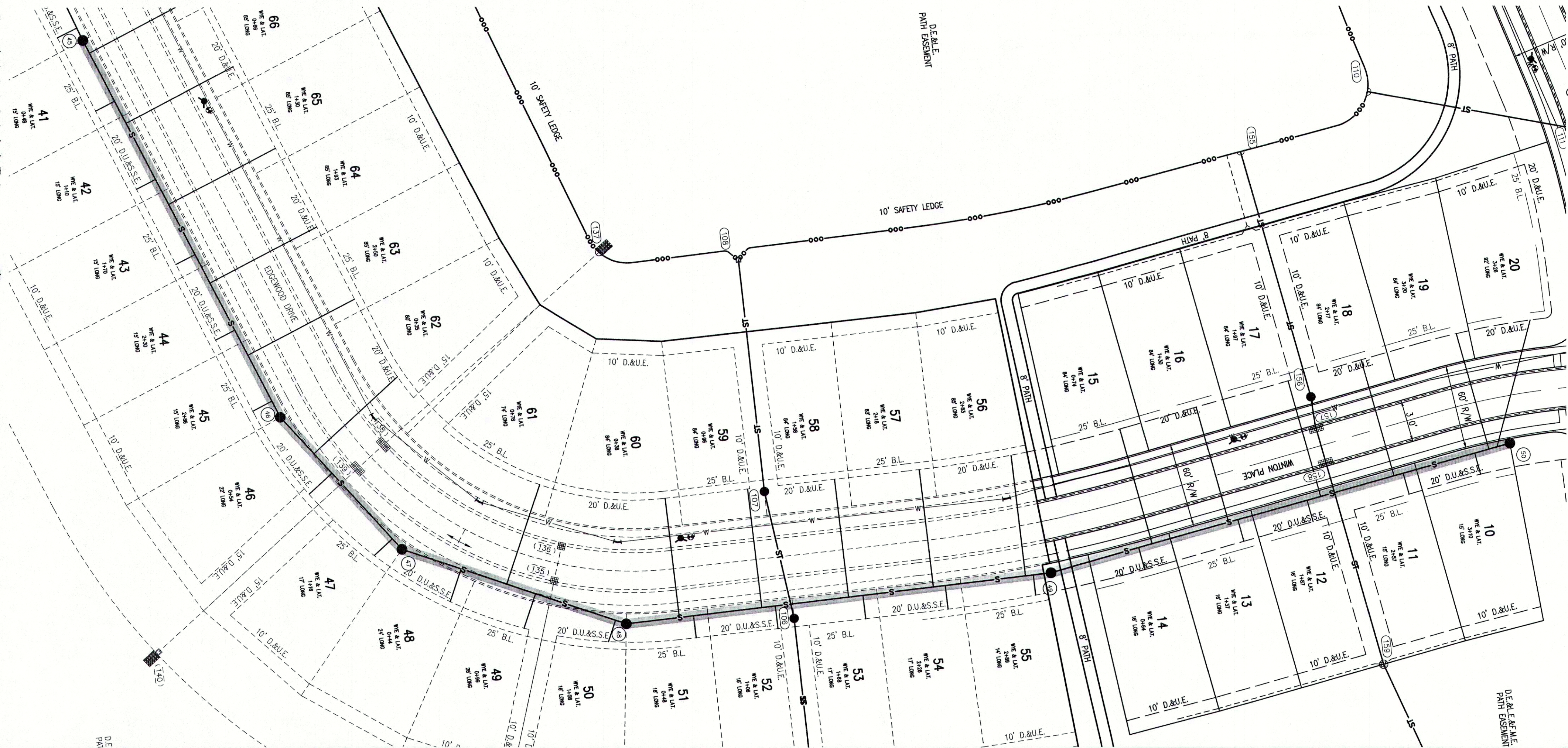


Plot Date: Feb 06, 2019 Plot Time: 6:20am File Name: W:\CalAtlantic Homes\2017-271-A CalAtlantic- Springbrook Sect 1\Design\CAD\17271-A Sanitary Plan.dwg Layout: C4.2 By: sdowney

LEGEND:	
EXISTING	PROPOSED
EX - EXISTING	INV - INVERT ELEVATION
INV - INVERT ELEVATION	MH - MANHOLE
MH - MANHOLE	PVC - POLYVINYL CHLORIDE PIPE
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
189/975 +/-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)

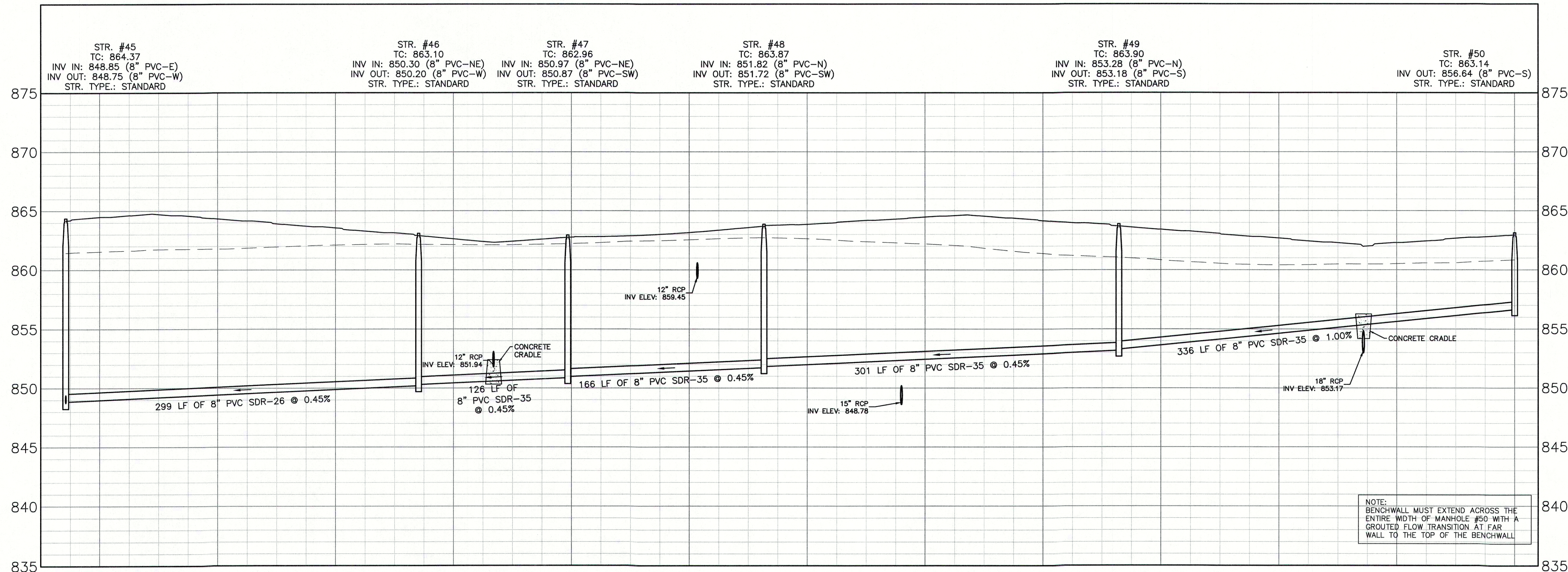
TBM #4
SANITARY MANHOLE ON EAST SIDE OF COMET LN.
ELEV = 861.76 (NAVD 88)

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

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

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



NOTE:
BENCHWALL MUST EXTEND ACROSS THE
ENTIRE WIDTH OF MANHOLE #50 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

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SPRINGBROOK
SECTION 1A
SANITARY SEWER PLAN & PROFILE

Sean M. Downey
REGISTERED PROFESSIONAL ENGINEER
No. 10200309
STATE OF INDIANA

DRAWN BY: TD/TS
CHECKED BY: SD
DATE: NOVEMBER 8, 2018
SCALE: AS SHOWN
SHEET

C4.2
SANITARY SEWER PLAN &
PROFILE

JOB NUMBER: 2017-271-A