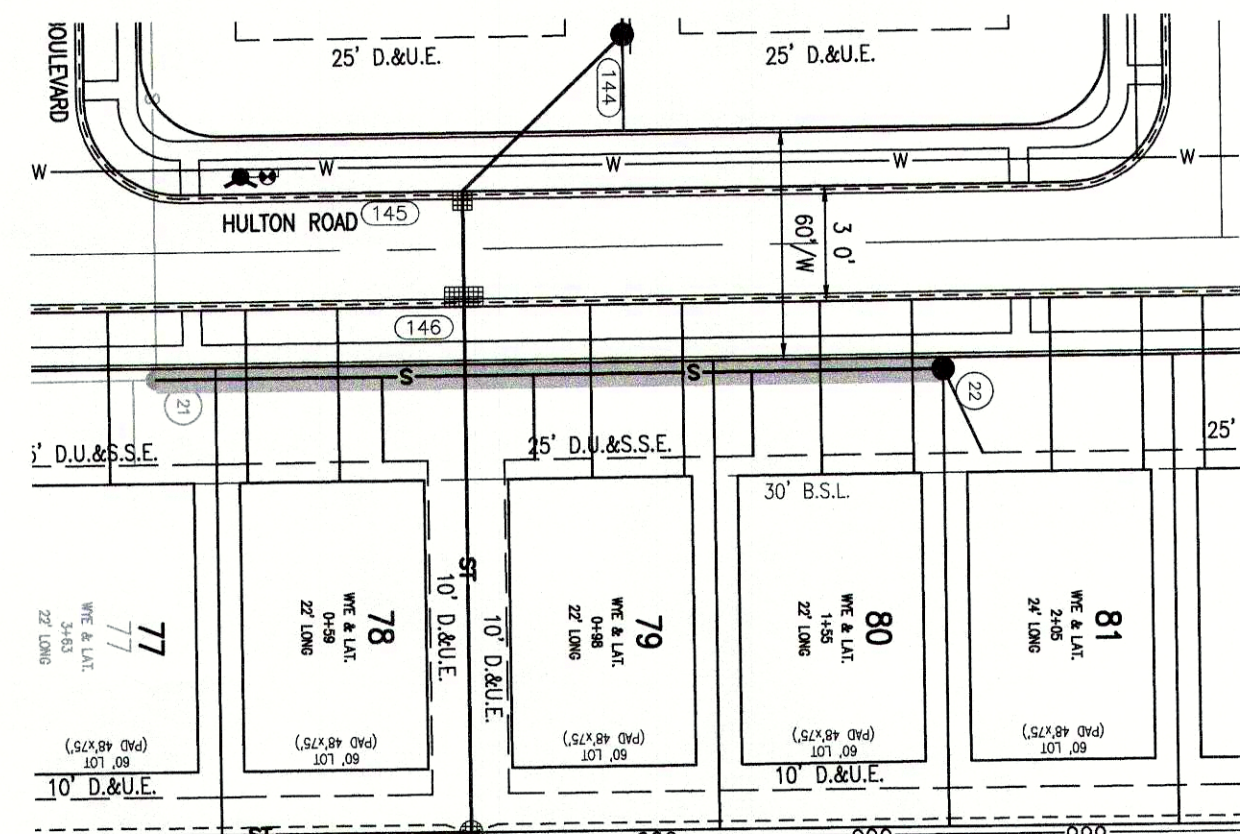


File Name: W:\Arbor Homes\2019-2020\318-B Arbor - Estes Park Sec 2\Design\CAD\19318-B Sanitary Plan.dwg, Layout: C4.2 By: rmmple Plot Date: Sep 14, 2020 Plot Time: 5:43pm

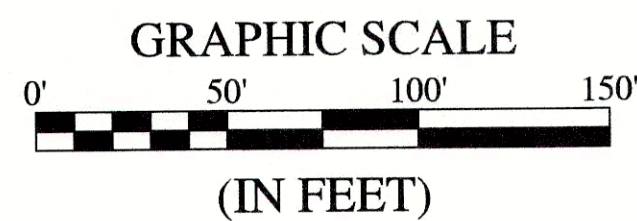
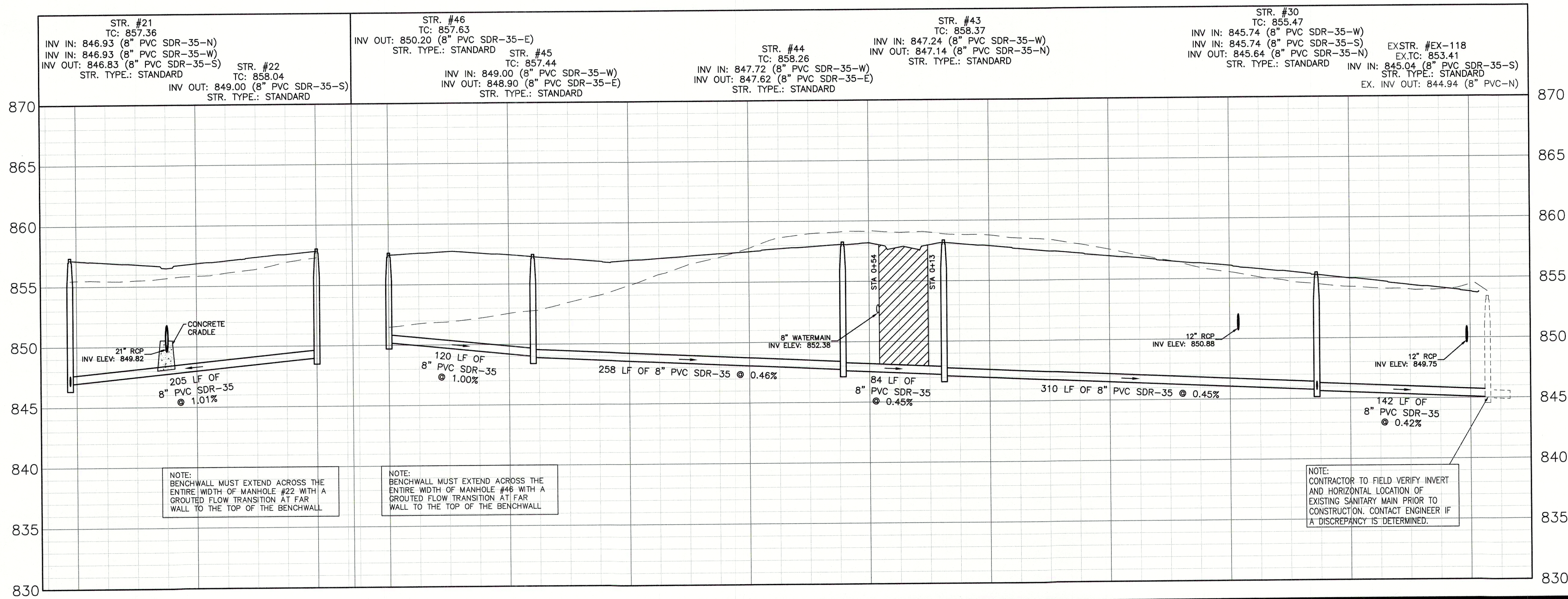
LEGEND:	
EXISTING	PROPOSED
--- RIGHT-OF-WAY LINE	--- EASEMENT LINE
--- SETBACK LINE	--- CENTERLINE
--- SWALE / FLOWLINE	--- SUBSURFACE DRAIN
--- SANITARY SEWER	--- STORM SEWER
--- STORM CULVERT	--- WATER MAIN
--- SANITARY MANHOLE	--- STORM MANHOLE
--- STORM INLET	--- STORM END SECTION
--- FIRE HYDRANT	--- PROFILED PIPELINE
EX - EXISTING	INV - INVERT ELEVATION
MH - MANHOLE	PVC - POLYVINYL CHLORIDE PIPE
TC - TOP OF CASTING GRADE	B.S.L. - BUILDING SETBACK LINE
D.U.&S.E. - DRAINAGE UTILITY AND SANITARY SEWER EASEMENT	D.&U.E. - DRAINAGE UTILITY EASEMENT



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 AND FOLLOW CURRENT FCWRD STANDARDS.



BENCHMARK INFORMATION:

ORIGINATING BENCHMARK:
RAILROAD SPIKE IN POWER POLE LOCATED 76 FEET SOUTH AND 33 FEET WEST OF THE NORTHWEST CORNER OF OAKMONT (OAKMONT SITE TEMPORARY BENCHMARK)
PUBLISHED ELEVATION = 845.67 (NAVD88)
[NORTHING: 1,726,180; EASTING: 273,236]

LEVEL CIRCUITS WERE THEN RAN THROUGH CP #101-102. TBM WAS ESTABLISHED WITH RTK GPS USING AN ON-SITE BASE STATION AND ROVER.

CP #101:
5/8" REBAR W/RED CAP STAMPED "HWC ENGINEERING RANDOM POINT" LOCATED ON THE WEST SIDE OF E. CO. RD. 168, APPROXIMATELY 440 FEET SOUTH OF DEL WEBB PARKWAY
ELEVATION = 857.91 (NAVD88)
[NORTHING: 1,723,827; EASTING: 273,267]

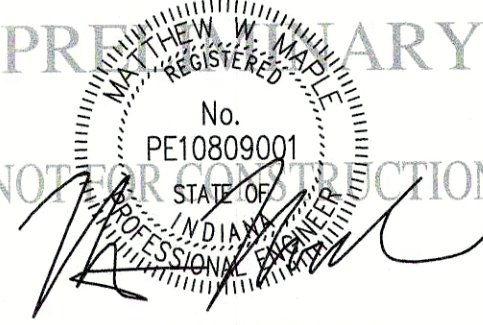
CP #102:
5/8" REBAR W/RED CAP STAMPED "HWC ENGINEERING RANDOM POINT" LOCATED NORTHWEST OF THE INTERSECTION OF DEL WEBB PARKWAY AND E. CO. RD. 168
ELEVATION = 850.07 (NAVD88)
[NORTHING: 1,724,325; EASTING: 273,249]

TBM:
NORTH RIM OF SANITARY MANHOLE LOCATED 20 FEET SOUTH OF THE SOUTH SIDE OF THE WEST-MOST END OF W. CONSTELLATION DR.
ELEVATION = 857.87 (NAVD88)
[NORTHING: 1,723,985; EASTING: 274,627]



ESTES PARK SECTION 2 MADISON COUNTY, INDIANA SANITARY SEWER PLAN & PROFILE

REVISIONS		
DATE	DESCRIPTION	BY



DRAWN BY TD/LM/KS	JOB NUMBER 2019-318
CHECKED BY MM	
DATE SEPTEMBER 8, 2020	
SCALE AS SHOWN	
SHEET	

C4.2
SANITARY SEWER PLAN & PROFILE