

MORRIS & RITCHIE ASSOCIATES, INC.

ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS,
AND LANDSCAPE ARCHITECTS



Cattail Creek Narrative Summary

Approximately ten thousand fifty-seven linear feet (10,057 LF) of eight (8) inch diameter gravity sewer main, seventy-three linear feet (73 LF) of twelve (12) inch diameter gravity sewer main, fifty-seven (77) gravity manholes, a duplex submersible pump station, a valve vault, six thousand one hundred and fifty-six linear feet (6,156 LF) of six (6) inch diameter force main, five (5) air release valves, laterals, cleanouts and related appurtenances to serve one hundred and seventy-five (175) single family homes located on the south side of Barratts Chapel Road at the Buffalo Road intersection in Kent County, Delaware. The proposed force main will be installed within Cattail Creek before exiting the subdivision and running east approximately 2/3 of a mile along the south side of Barratts Chapel Road before discharging into a thirty-six (36) inch diameter Kent County force main. The pump station is designed to accept discharge from an additional 769 equivalent dwelling units.

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