

**TANGER MALL PUMP STATION AND FORCE MAIN
DEER PARK , NY
SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS**

**ENGINEERING
SURVEYING
PLANNING
ENVIRONMENTAL**

**FEASIBILITY & DUE
DILIGENCE ASSISTANCE
LAND & SITE PLANNING
SURVEYING & MAPPING
CIVIL ENGINEERING
TRAFFIC & HIGHWAY
ENGINEERING
SANITARY ENGINEERING
RECREATIONAL FACILITY
PLANNING & DESIGN
MARINE & WATERFRONT
ENGINEERING
STRUCTURAL DESIGN &
ENGINEERING
STORMWATER
MANAGEMENT PLANNING
PERMITTING & PROCESSING
ENVIRONMENTAL
CONSULTING
SERVICES DURING
CONSTRUCTION**

**MEETING THE NEEDS OF OUR
CLIENTS SINCE 1954**

NELSON & POPE

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PROJECT TYPE: WASTEWATER PUMPING STATION AND FORCE MAIN
PROJECT SCOPE: RESIDENT CONSTRUCTION INSPECTION
CONSTRUCTION COST: \$2.2M

RELEVANT COMPONENTS:

- FULL TIME RESIDENT CONSTRUCTION INSPECTION
- FACILITY START-UP
- PUNCH LIST PREPARATION
- MUNICIPAL WALK-THRU INSPECTION AND ACCEPTANCE



N&P WAS RETAINED BY THE SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS TO PROVIDE RESIDENT INSPECTION STAFF TO PERFORM FULL TIME CONSTRUCTION OBSERVATION ON THEIR BEHALF. CONSTRUCTION OBSERVED AS PART OF THIS PROJECT INCLUDED HOUSE CONNECTION TIE-INS FOR SANITARY AND KITCHEN WASTEWATER LINES TO PREVIOUSLY INSTALLED GRAVITY SANITARY SEWER, ELEVEN WASTEWATER PRETREATMENT SYSTEMS, A SANITARY PUMP STATION AND ELEVEN THOUSAND SIXTY-ONE FEET OF SIX INCH DIAMETER FORCE MAIN. THE FORCE MAIN ROUTE FOR THIS PROJECT TRAVELLED ALONG TWO MAJOR SECONDARY NORTH-SOUTH ROADWAYS THRU THE HAMLETS OF DEER PARK AND NORTH BABYLON. DURING CONSTRUCTION CONTINUOUS GROUNDWATER DEWATERING WAS REQUIRED ALONG TWENTY-FOUR HUNDRED FEET OF THE FORCE MAIN ROUTE. N&P RESIDENT INSPECTORS PROVIDED CONTINUOUS OVERSIGHT OF THE CONSTRUCTION TO ENSURE THAT THE WORK INSTALLED AS PART OF THIS PROJECT WAS IN CONFORMANCE WITH THE REGULATORY APPROVED PROJECT PLANS AND SPECIFICATIONS.