

APPLICATION OVERVIEW:

K Y'k c f_YX'k jh'8/ 6'9b[j bYYfgUbX'5fWk jh'Wkg' U'cb['k jh' ; U'j j b'6fcg'hc'XYgll' b'UbX'Vi jX'U' g'cfa k UHYf'di a d'gUhc'b'UbX'Wc'bf'c'g'Vi jX'j b['Zc'f the Village of C WU'ub'6YUWk'c'b' : jfY'g'UbX'"H'Y' XYgll' b'k Ug'UggYa V'YX'UbX'h'Yg'h'X'hc'a'YY'h'BYk' M'c'f_'G'UHY'D'9'"fYe i jfYa Y'bg'Zc'f'g'c'fa k UHYf'di a d'gUhc'bg' Some interesting aspects of this design were the flood proof doors and the roof top access hatch that were designed specifically for the high flood risk in its location.

PUMP STATION DETAILS:

This pump station used a precast concrete control building that came prefabricated with the piping, valves, and control panel ready for connection at site. It sat adjacent to an 8 ft. wide by 26 ft. deep precast concrete wet well with a triplex ArcSentry™ control panel. Pumping throughout were three Barnes 15 HP explosion proof submersible solids handling pumps rated for 2315 GPM @ 20 TDH each.

INSTALLATION:

The installation was completed by Galvin Bros with oversight from Excel Fluid Group as shown below.



Fire Island, NY



PUMP SYSTEM

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INSTALL DATE

K



OPERATIONAL IMPROVEMENT

Stormwater Flood Control



SERVICE AREA

Ocean Beach on Fire Island, NY



D&B ENGINEERS
AND ARCHITECTS

