

59. Any bypass pumping required to perform this work shall be the sole responsibility of the Contractor. Bypass pumping is not a separate pay item.
60. Contractor shall install pumps, install electrical components, and install control panels per the Manufacturer's instructions.
61. All anchor bolts, nuts, turnbuckles, fabricated work, and hardware shall be 316 stainless-steel conforming to the requirements of ASTM Designation A 276, latest revision.
62. All structure wall / slab penetrations of new piping shall be made with GPT Link Seal® penetration seals.
63. The wet-well and the valve vault shall be clean and free of debris, dirt and water at the time of final inspection. The interior of the wet-well ~~and the last manhole(s) discharging to the wet-well~~ shall be lined using Spectra-Shield® or HWEA approved equal. ~~Exhibit K references lining of manholes, please disregard this comment.~~
64. Working cooperatively with HWEA, the lining manufacturer shall specify the level of cleaning of the interior walls that is required for the lining product to adhere. The manufacturer will inspect and determine if this level of cleaning has been attained before authorizing product application.
65. Discharge piping in the wet-well and valve vault shall be flanged ductile iron pipe - pressure class 350. The discharge piping shall be coated on the interior and exterior with 3M Scotchkote Liquid Epoxy Coating 323+.
66. The Contractor shall provide a 1" chamfer / bevel to top edge of replacement tops for wet-well and valve vault.
67. The proposed 4" drain from the existing valve vault to the existing wet-well shall be ductile iron pipe. The Contractor shall furnish and install a 4" ductile iron MJ gate valve in the mid-point of the pipe segment. The drain shall have 6" of fall from the existing valve vault to the existing wet-well.