



APPROXIMATE HEIGHT OF MAXIMUM FLOOD ELEVATION 23.53 W/ 4 FT SEA LEVEL RISE

MAXIMUM FLOOD ELEVATION  
23.53 W/ 4 FT SEA LEVEL RISE

FLOOD ELEVATION 15.99  
W/ 2 FT SEA LEVEL RISE



WET WELL INLET MH

NORTH ELEVATION

EXTEND PVC PIPING TO PLACE VENT INTAKE OPENING ABOVE ELEVATION OF ROOF LINE. SECURE EACH VENT PIPE WITH FERNCO MECHANICAL COUPLINGS AND PROVIDE NEMA4X WATERTIGHT BOXES FOR TRANSDUCER CONNECTIONS. (PENDING)

APPLY 60 MIL RUBBER MEMBRANE TO DRY WELL DECK AND SIDE WALLS DOWN APPROXIMATELY 6.8 FT TO ELEVATION 0.00 AND PROVIDE 4" THICK REINFORCED CONCRETE PROTECTIVE COURSE OVER SIDEWALLS AND DECK. (PENDING)

ELIMINATE BATHROOM SIDE VENT AND REDIRECT TO EXISTING ROOF VENT. (PENDING)

STAINLESS STEEL DOOR REPLACED WITH FLOOD-RESISTANT FIBERGLASS DOOR AND FIT UP WITH STOP LOG CHANNELS



WEST ELEVATION



EXISTING DOOR REFURBISHED WITH NEW FLOOD RESISTANT GASKET SYSTEMS AND FIT UP WITH STOP LOG CHANNELS



A CONCRETE STOOP IS TO BE FORMED AND PLACED TO THE BOTTOM OF THE STOP LOG RAILS (PENDING)



RAISE OR RELOCATE GENERATOR AND GAS SERVICE TO RAISE BASE MOUNTING APPROXIMATELY NINE FEET TO AT LEAST ELEVATION 16.00. (PENDING)

GENERAL NOTES FOR AS-BUILT:

- FLOOD PROTECTION ELEVATIONS\*:  
Inundation w/ 0' Sea Level Rise ELEVATION 0.00  
Inundation w/ 1' Sea Level Rise ELEVATION 2.13  
Inundation w/ 2' Sea Level Rise ELEVATION 15.99  
Inundation w/ 4' Sea Level Rise ELEVATION 23.53

FLOOD PROTECTION LEVEL:

- THE ESTIMATED STANDING WATER FLOOD PROTECTION LEVEL ASSOCIATED WITH THE WORK COMPLETED TO DATE FOR THE PUMP STATION DRY WELL FACILITY IS TO AT LEAST THE TOP OF THE STOP LOG RAILS SET AT APPROXIMATE ELEVATION 12.8 AND PENDING COMPLETION OF THE CONCRETE STOOP AT THE WEST ENTRY DOOR.
- THE ESTIMATED STANDING WATER FLOOD PROTECTION LEVEL ASSOCIATED WITH THE WORK COMPLETED TO DATE FOR THE PUMP STATION WET WELL FACILITY IS UNCHANGED WITH THE WET WELL OPEN TO FLOOD WATERS DUE TO THE CONNECTION TO FLOOD WATERS THROUGH THE COLLECTION SYSTEM.
- IT IS NOTED THAT THE BACKUP GENERATOR IS PROTECTED TO APPROXIMATELY ELEVATION 7.0 AND REQUIRES RELOCATION IN ORDER TO ENSURE RESERVE POWER IN THE EVENT OF AN OUTAGE.
- NONE OF THE FLOOD-PROOFING MEASURES TO DATE ARE COMPLETELY WATERTIGHT NOR EXPECTED TO HANDLE SURGING CURRENTS OR DEBRIS COLLISION WITH THE BUILDING, NOTING THAT THE PUMP STATION BUILDING IS A COMBINATION REINFORCED CONCRETE AND CONCRETE AND BRICK MASONRY STRUCTURE.

AS-BUILT  
SEPTEMBER 22, 2016

1	9/20/16	CONVERT DRAWING TO AS-BUILT	DJF
NO.	DATE	DESCRIPTION	BY
CITY OF NEW BEDFORD DEPARTMENT OF PUBLIC INFRASTRUCTURE			
Wamsutta Street Pump Station Map 72 Lot 262 38 Wamsutta Street, New Bedford MA 02740			
DESIGNED BY : DJF		SCALE: NTS	
CHECKED BY :		DATE : April 8, 2016	
		SHEET 6	



SOUTH ELEVATION

REFURBISH ROOF DRAINS TO SEAL OFF INTERIOR PLUMBING AND INSTALL PIPING TO DRAIN TO EXTERIOR TYPICAL AT SW CORNER LOCATION. (PENDING)



BENCHMARK ON CONCRETE DECK AT SW CRNR OF BLDG ELEVATION 6.71

BENCHMARK ON CONCRETE SLAB AT SE CRNR OF STRUCTURE ELEVATION 7.125



REPLACEMENT COMPLETE WITH NEW HEAVY DUTY FLOOD-PROOF HATCH AND HARDWARE



EAST ELEVATION

REMOVE LOUVER AND INSTALL MASONRY INFILL TO SEAL OPENING. PROVIDE NEW EQUAL SIZE ROOF VENT FOR INTERIOR SPACE. (PENDING)