



EAST ELEVATION



REFURBISH EXISTING DOOR AS NEEDED (PENDING)

BENCHMARK ON CONCRETE STAIR LANDING CHISELED BOX ELEVATION 14.07

REPLACE EXISTING STAIR STRUCTURE WITH NEW STRUCTURE AND RAIL WITH REMOVABLE LANDING RAIL FOR ACCESS TO PUMP STATION (PENDING)



EXISTING INFLUENT SEWER MANHOLE



EXISTING DRIVEWAY SEWER MANHOLE



EXISTING GRATED WET WELL VENT

MAXIMUM FLOOD ELEVATION 13.27 W/ 4 FT SEA LEVEL RISE



NORTH ELEVATION



RELOCATE THE EXISTING GENERATOR ELECTRICAL CONNECTOR ASSEMBLY TO THE NORTH WALL AND RAISE TO ABOVE ELEVATION 13.27 (PENDING)



EXISTING PIPE AND PENETRATION TO BE ELIMINATED (PENDING)



EXISTING LOUVER TO REMAIN



SOUTH ELEVATION

EXTEND CONCRETE CHASE WITH GRATE TO ABOVE ELEVATION 13.27 (PENDING)

BENCHMARK @ SW CORNER WETWELL ACCESS STRUCTURE CHISELED BOX ELEVATION 11.16

PROVIDE LEXAN SHIELDS FOR GLASS BLOCK WINDOWS (PENDING)



EXISTING WET WELL ACCESS VIEW WEST



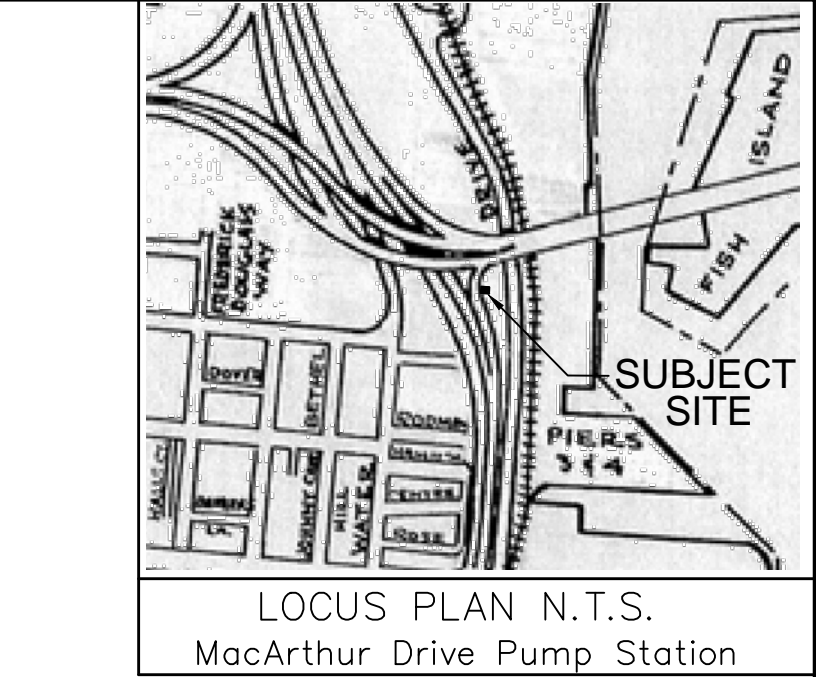
EXISTING WET WELL ACCESS VIEW EAST



WEST ELEVATION



EXISTING CONCRETE PAD TO REMAIN



REPLACE EXISTING SPIGOT WITH FLOOD PROTECTED BOXED HOSE BIBB (PENDING)

BENCHMARK ON CONCRETE STRUCTURE AT SW MASONRY CORNER OF PUMP STATION BUILDING CHISELED BOX ELEVATION 10.35

GENERAL NOTES:

- FLOOD PROTECTION ELEVATIONS:
 - Inundation w/ 0' Sea Level Rise ELEVATION 0.00
 - Inundation w/ 1' Sea Level Rise ELEVATION 0.00
 - Inundation w/ 2' Sea Level Rise ELEVATION 9.23
 - Inundation w/ 4' Sea Level Rise ELEVATION 13.27

FLOOD PROTECTION LEVEL:

- THE ESTIMATED STANDING STILL 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 STAIR LANDING AT ELEVATION 14.07 WHICH EXCEEDS THE EXPECTED MAXIMUM FLOOD LEVEL OF 13.27.
- 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 THE FLOOD WATERS THROUGH THE COLLECTION SYSTEM WITH THE EXCEPTION THAT THE INFLUENT CHANNEL CAN BE CUT OFF BY CLOSING THE INLET SLUICE GATE.
- 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 MASONRY STRUCTURE.

AS-BUILT
SEPTEMBER 23, 2016

1	9/23/16	CONVERT DRAWING TO AS-BUILT	DJF
NO.	DATE	DESCRIPTION	BY
CITY OF NEW BEDFORD DEPARTMENT OF PUBLIC INFRASTRUCTURE			
MacArthur Drive Pump Station Map 53 Lot 70 249 MacArthur Drive, New Bedford MA 02740			
DESIGNED BY : DJF		SCALE: NTS	
CHECKED BY :		DATE : April 8_16	
		SHEET 5	