

ANALYSIS POINT 1 (AP1)

DESIGN:

TOP OF GRATE: 9.00

MAX W.S.L: 11.5 (HEC-22)

(2.5 FT HEAD)

TOP OF POND: 13.0 (1.5 FT FREEBOARD)

AS-BUILT:

TOP OF GRATE: 9.47

MAX W.S.L: 12.0 (HEC-22)

(2.5 FT HEAD)

TOP OF POND: 12.2 (0.2 FT FREEBOARD)

CORRECTION REQUIRED:

RAISE PERIMETER CONTAINMENT BERM TO MINIMUM OF 13.5 TO PROVIDE 1.5 FT OF FREEBOARD PER DESIGN INTENT, OR RECONSTRUCT INLET AT CORRECT GRATE ELEVATION AND RAISE BERM TO 13.0 PER PLAN.

NOTE: TOPOGRAPHIC INFORMATION SHOWN HEREON DEPICTING CURRENT SITE CONDITIONS (BLUE CONTOURS AND BLACK SPOT ELEVATIONS) IS BASED UPON THE DIGITAL ORTHOPHOTOGRAPHY PROVIDED BY THE HMCg SURVEYING DEPARTMENT. THIS INFORMATION IS DERIVED FROM DRONE-BASED IMAGERY CAPTURED ON MAY 31, 2018. SURVEYING CONTROL SUPPORTING THE GENERATION OF THIS MAPPING IS BASED UPON THE BOUNDARY, TOPOGRAPHIC, & UTILITY SURVEY CERTIFIED BY CHARLES G. CALA, JR., NMPS 11184, DATED 01/08/2016 (2014.181.9) DESIGN INFORMATION IS SHOWN IN RED. RECORD INFORMATION IS SHOWN IN MAGENTA. RECORD INFORMATION WAS OBTAINED 05/30/2018 TO 06/05/2018 BY HIGH MESA CONSULTING GROUP UNDER THE DIRECTION OF CHARLES G. CALA, JR., NMPS 11184.



SCALE: 1" = 30'

