NORTH

PROPOSED CHECK DAM

SEDIMENT FOREBAY MODIFICATIONS

EXISTING CHECK DAM TO BE RECONSTRUCTED

EXISTING RIPRAP BASIN INLET

EXISTING DIRT DRAINAGE BYPASS CHANNEL

EXISTING SEDIMENTATION POND BAFFLE (TYP.)

RESTORED SEDIMENTATION POND (BASE ELEVATION = 234 FEET)

EXISTING OVERFLOW CHECK DAM MODIFICATIONS (PROPOSED INVERT=252.0 FEET)

EXISTING CHECK DAM

EXISTING (2) 5" DIA. CORRUGATED HDPE STAND-PIPES INLET INVERT=241.0 FEET

EXISTING CHECK DAM

EXISTING (2) 16" HDPE OUTLET PIPES INLET INVERT=233.4 FEET OUTLET INVERT=223.0 FEET

EXISTING 24"X32" ELLIPTICAL CMP INLET INVERT=274.0 FEET OUTLET INVERT=272.0 FEET

EXISTING 36" CMP CULVERT INLET INVERT=268.2 FEET OUTLET INVERT=268.0 FEET

EXISTING 36" CMP WYE

EXISTING (2) 36" CORRUGATED METAL PIPES

EXISTING SCALE

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- LIMIT OF AERIAL SURVEY
- EXISTING UTILITY POLE
- EXISTING UNPAVED ROAD
- EXISTING PAVED ROAD
- EXISTING RIP RAP
- EXISTING TREE LINE
- EXISTING LEASE BOUNDARY
- EXISTING CELL LIMIT
- EXISTING BUILDING
- EXISTING STORMWATER PIPE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED RIP RAP

REFERENCE

1. REFER TO FIGURE 1 FOR GENERAL REFERENCE NOTES

SCALE IN FEET

0 50 100

MAY J. KNIGHT
INGENIERO LICENCIADO
PUERTO RICO
5/8/2019

REVISION RECORD

NO.	DATE	REVISION DESCRIPTION

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HYDROLOGIC AND HYDRAULIC STUDY
PEÑUELAS VALLEY LANDFILL
PEÑUELAS, PUERTO RICO
PEÑUELAS VALLEY LANDFILL, LLC.

SEDIMENT FOREBAY MODIFICATIONS

DATE	MARCH 2019	DRAWN BY	RJH
DWG. SCALE	1" = 50'	CHECKED BY	CBD
PROJECT NO.			1MJK0
APPROVED BY			MJK

DRAWING NO.
Figure 6
SHEET 8 OF 7