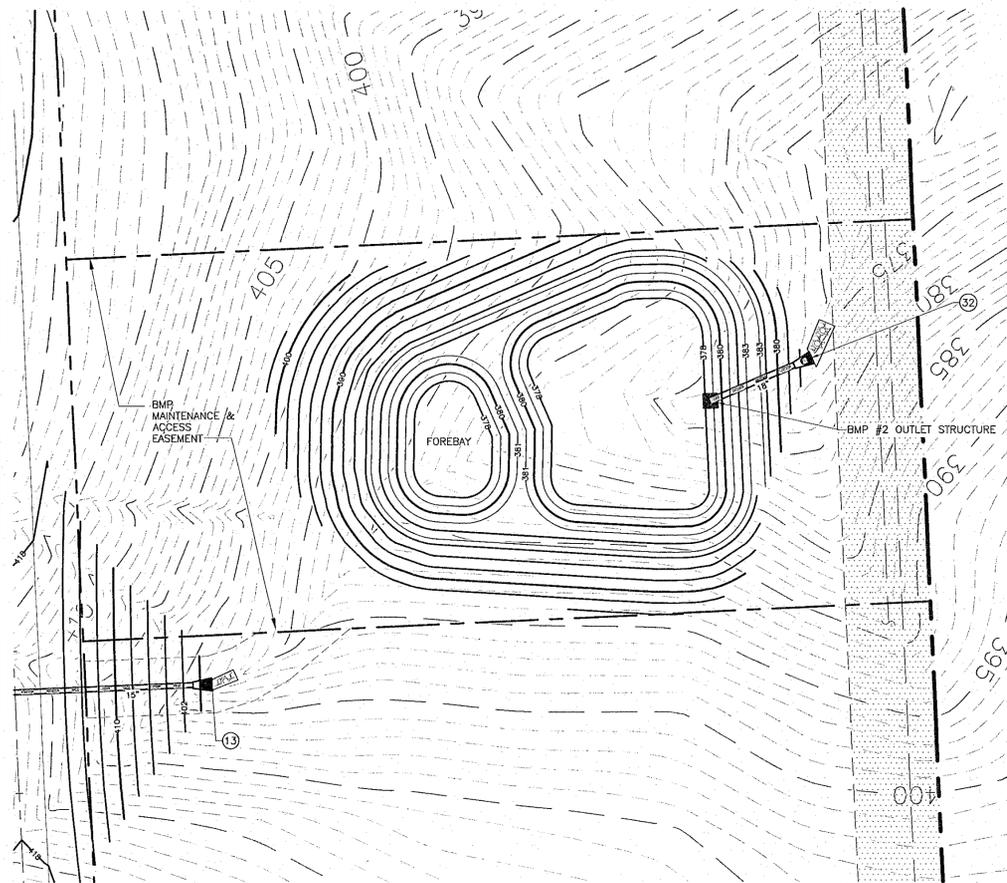


BMP #1 DATA

	DIMENSIONS	ELEV.
POND BOTTOM		393.00
TOP OF BERM	5 FT.	400.00
EMERGENCY SPILLWAY	20'	397.20
PRIMARY OUTLET	2 OPENINGS @ 40" X 12"	393.00
SECONDARY OUTLET	3 OPENINGS @ 40" X 12"	395.10
RISER CREST ELEVATION	6' ID x 6' ID RCP BOX	397.00
OUTLET PIPE INVERT UP	32 LF 48" RCP	392.00
OUTLET PIPE INVERT DOWN	@ 0.62%	391.80

NOTES:

- 1) THE CONTRACTOR SHALL CONDUCT A SEASONAL HIGH WATER TABLE ANALYSIS. THE SEASONAL HIGH WATER TABLE (SHWT) ELEVATION SHALL BE EVALUATED TO DETERMINE IF A CLAY LINER IS REQUIRED. THE SHWT SHALL BE AT LEAST 2 FEET BELOW THE POND BOTTOM IF NOT, A CLAY LINER IS REQUIRED.
- 2) IF A CLAY LINE IS REQUIRED, LINER SHALL BE 12" MINIMUM THICKNESS WITH A MAX INFILTRATION RATE = 0.01 IN/HR. GEOTECHNICAL ENGINEER TO VERIFY MATERIAL IS ACCEPTABLE PRIOR TO INSTALLATION.

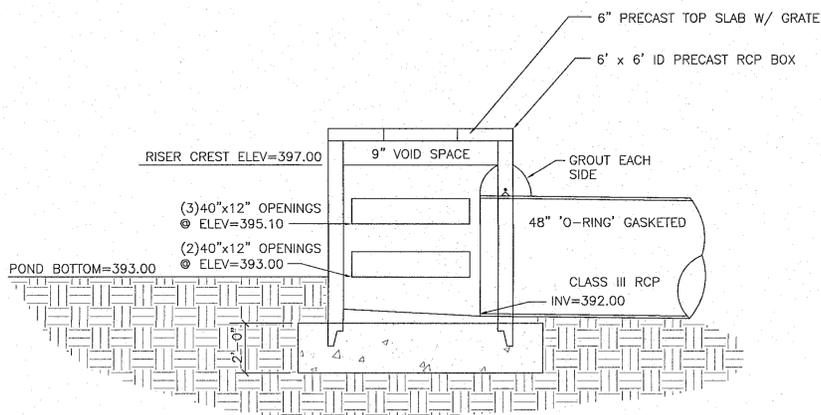


BMP #2 DATA

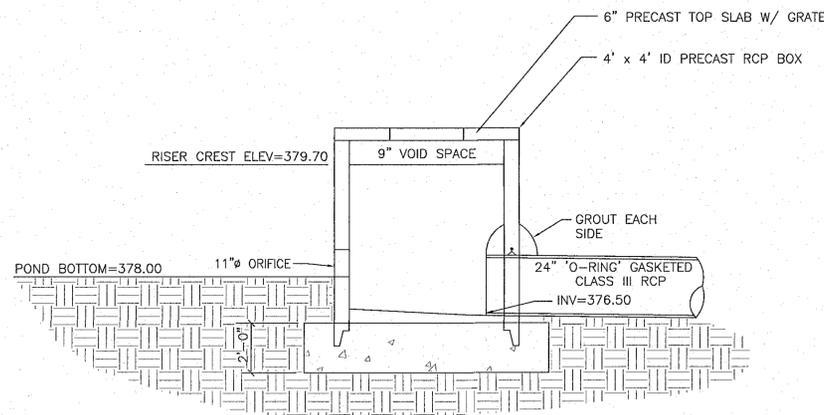
	DIMENSIONS	ELEV.
POND BOTTOM		378.00
TOP OF BERM	5 FT.	383.00
EMERGENCY SPILLWAY	10'	381.50
PRIMARY OUTLET	11" Ø ORIFICE	378.00
RISER CREST ELEVATION		379.70
OUTLET PIPE INVERT UP	39 LF 24" RCP	376.50
OUTLET PIPE INVERT DOWN	@ 3.85%	375.00

NOTES:

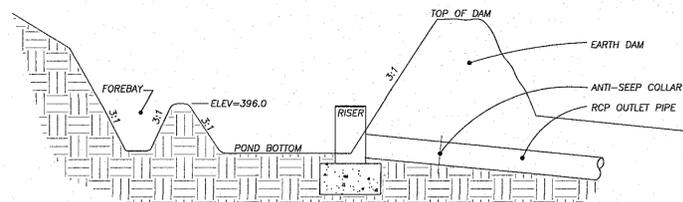
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BMP RISER & DRAWDOWN DEVICE DETAIL

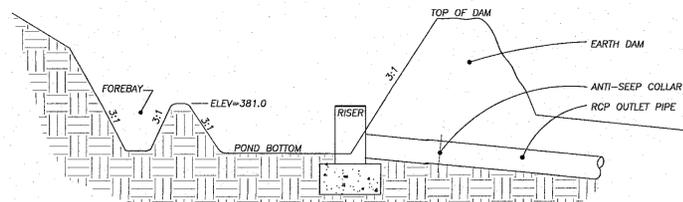


BMP RISER & DRAWDOWN DEVICE DETAIL



BMP CROSS SECTION

NTS

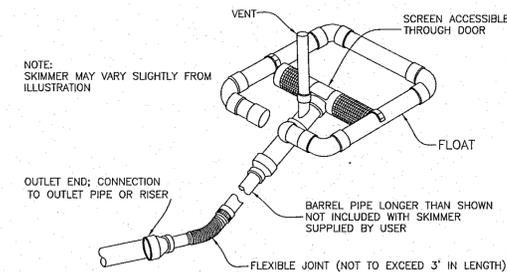


BMP CROSS SECTION

NTS

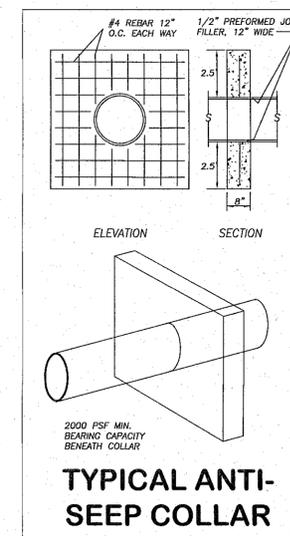
NOTES

1. RISER BARREL, SKIMMER AND OUTLET PIPE SHALL BE INSTALLED AT PRIOR TO THE BEGINNING OF OVERALL SITE GRADING AND SHALL BE UTILIZED AS A SEDIMENT CONTROL DEVICE DURING CONSTRUCTION. ONCE THE SITE HAS BEEN STABILIZED AND GRADING IS COMPLETED THE BASKY SHALL BE CLEANED OUT AND STABILIZED. THE SKIMMER DEVICE SHALL BE REMOVED, AND THE BMP GRADED TO ITS PERMANENT DIMENSIONS.



**TEMPORARY SEDIMENT DEVICE
DEWATERING SKIMMER DETAIL**

NTS



TYPICAL ANTI-SEEP COLLAR

NTS

PLD

PIEDMONT LAND DESIGN, LLP
8522-204 SIX FORKS ROAD
RALEIGH, NORTH CAROLINA 27615
919.845.7600 PHONE
919.845.7703 FAX



PRELIMINARY
NOT FOR CONSTRUCTION

RIVERSTONE SUBDIVISION

HIGHWAY 64
PITTSBORO, NORTH CAROLINA

ISSUED: 05 MAY 2015

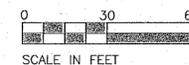
REVISIONS:

DRAWN BY: MLS
CHECKED BY: JDL

PROJECT: FPRSP

BMP
DETAILS

DWG. NO. PS 14



SCALE IN FEET