

Diagram showing the ELEVATION of the masonry plate. Dimensions include 8" width, 3" TYP. spacing, 12" height, and 5" MIN. spacing. Callouts indicate 1/4" X 3" L MASONRY BOLT W/ EASY REMOVAL CLIP PINS, ORIFICE OPENING IN PLATE, and SEE DETAIL ON THIS SHEET.

ISOMETRIC

ORIFACE PROTECTION DETAIL

ISOMETRIC

SECTION

ORIFICE OPENING IN STAINLESS
STEEL PLATE. REFERENCE DETAIL
— BELOW ON THIS SHEET FOR LOW
FLOW ORIFICE OPENING AT
PLATE.

- OUTFALL STRUCTURE
- WEIR WALL
- $\frac{1}{4}$ " X 3" L MASONARY
- BOLT W/ EASY
- REMOVAL CLIP PINS
- $\frac{1}{4}$ " HDPE OR $\frac{3}{8}$ " STAINLESS
- STEEL THICK PLATE BOLTED
- TO STRUCTURE
- MANUFACTURED BY PLASTIC
- SOLUTIONS INC. OR EQUAL

ALL JOINTS BETWEEN PIPE
AND COLLAR SHALL BE
SEALED WITH A
NON-SHRINK/NON-EXANSIVE
TAR OR SEALANT.

4,000 P.S.I. PCC
CAST IN PLACE. —
FORM AS REQUIRED.

ANTI-SEEPAGE COLLAR DETAIL
(N.T.S.)

(N.T.S.)

DETENTION BASIN OUTFALL STRUCTURE
VIEW - 101 OS
SCALE = 1"=1'

SCALE = 1"=1'

ENGINEERS' AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.

STEVEN D. MARION P.E.
PROFESSIONAL ENGINEER
PE 2006007195



SCALE 1" = 1'



SCALE 1" = 1'

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information provided by others/obtaining by this firm)

"100.00 100.10", "100.00 1:1.5% slope", or "8-inch HDPE PVC pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 5/20/2022
Certified by: Matt Fogarty
Title: VP
Firm: Premier Design Group



SCALE = 1"=1'