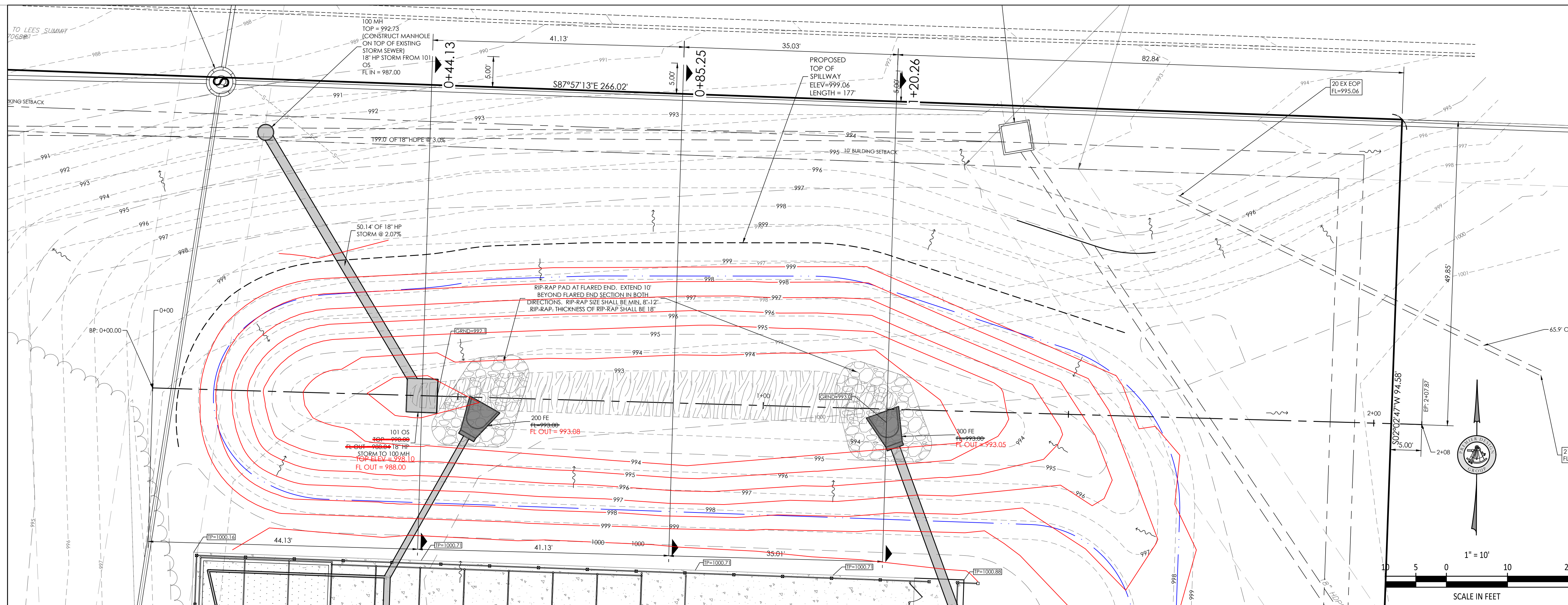
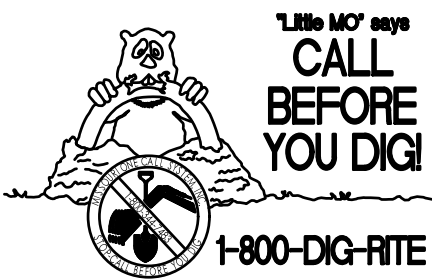
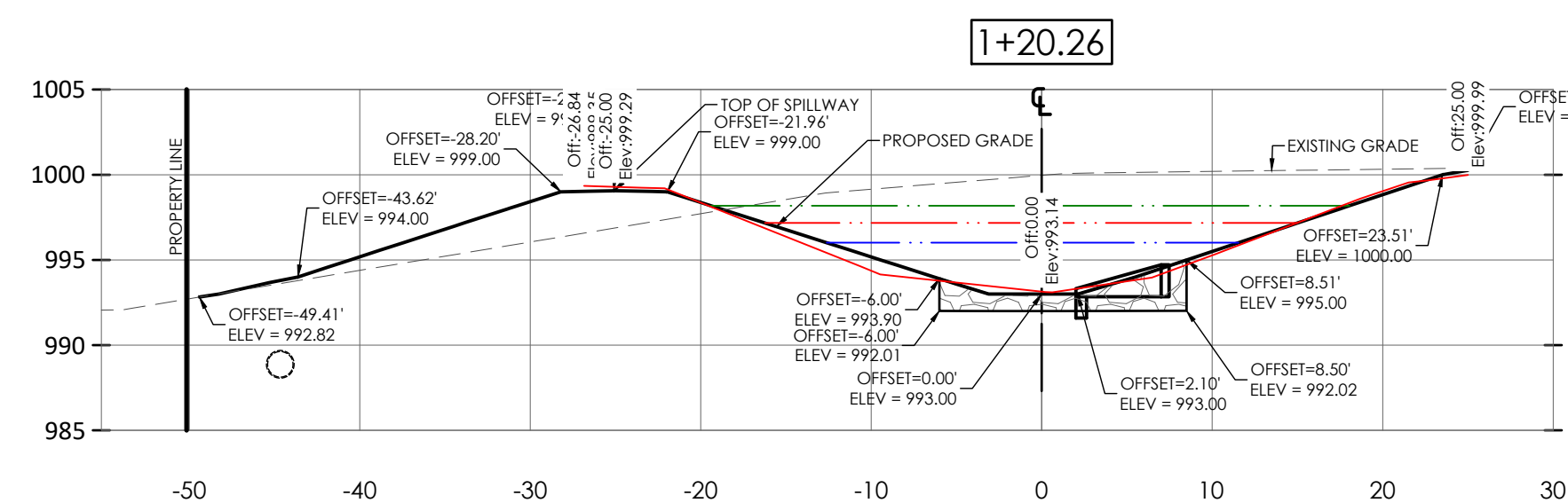
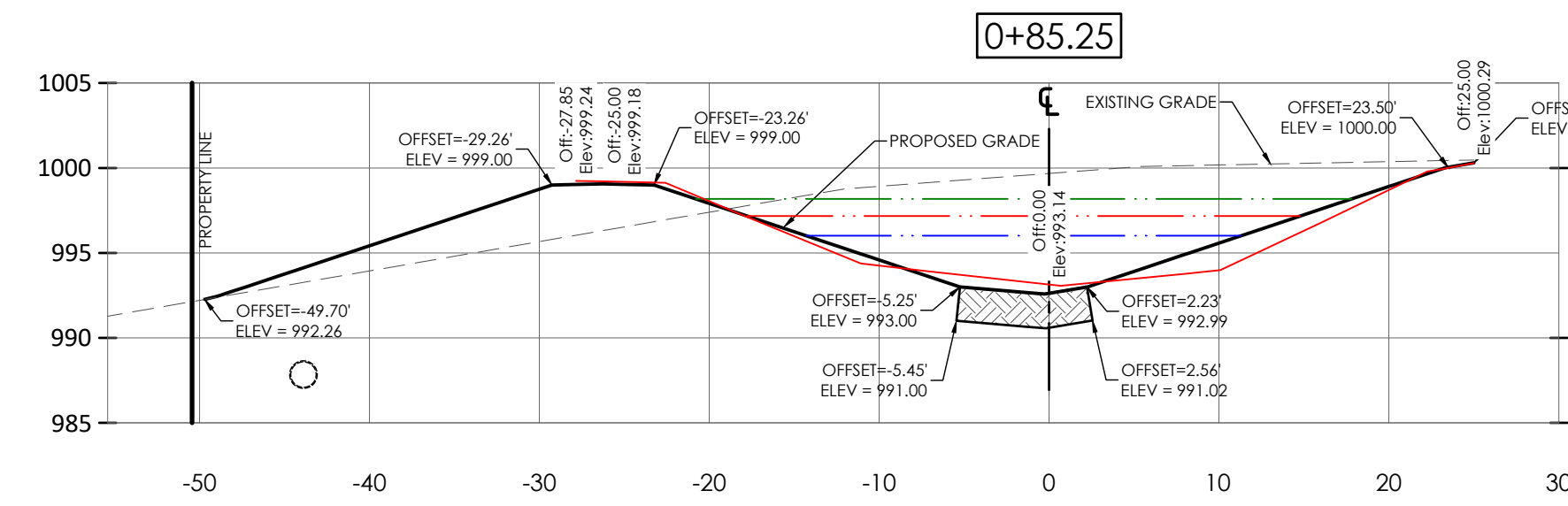
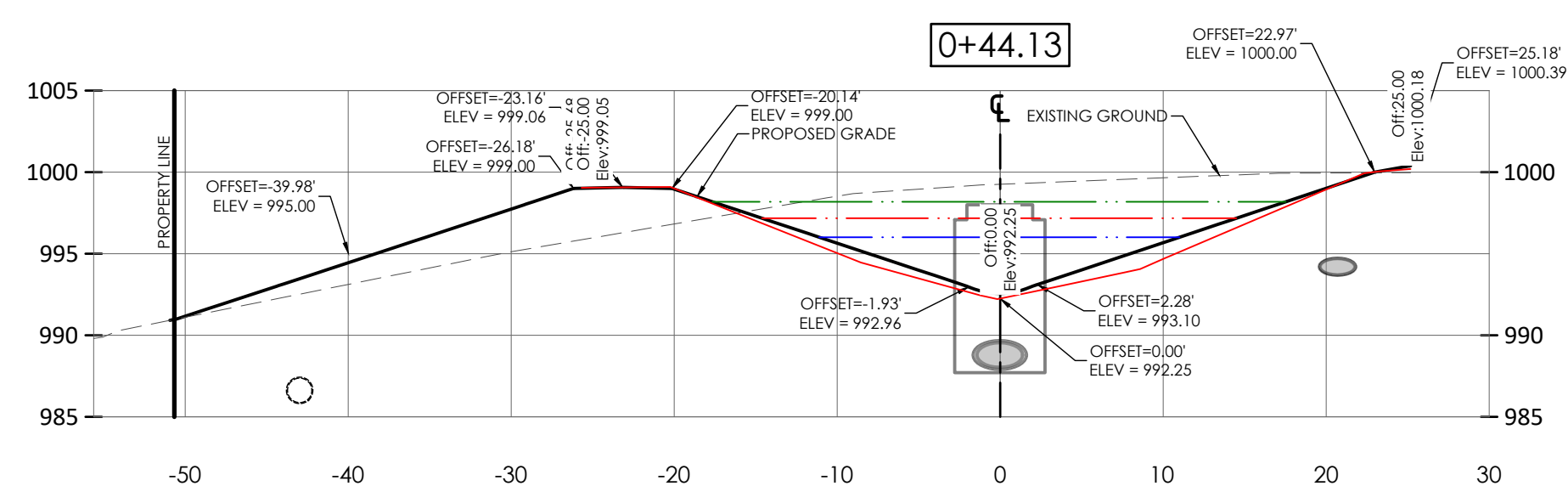
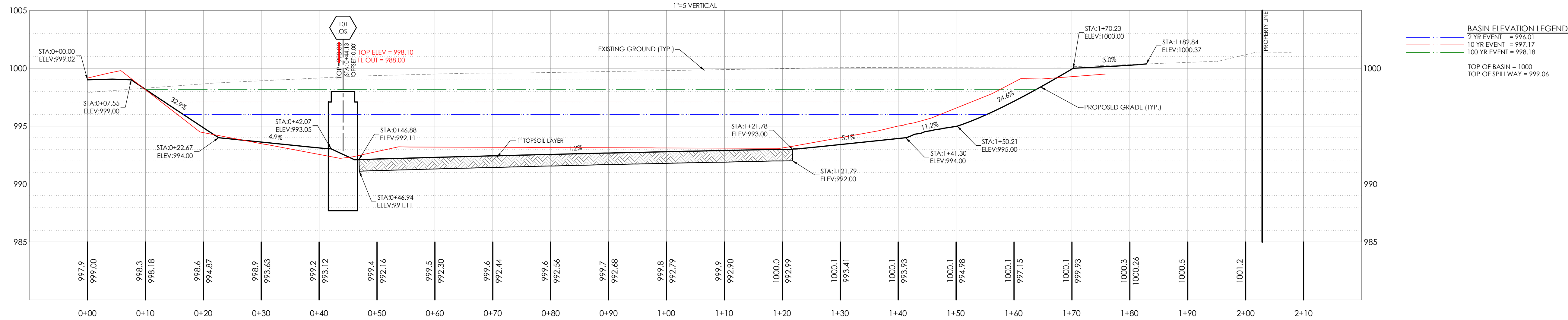




DETENTION BASIN PLAN VIEW
SCALE = 1"=10'

BASIN PROFILE
1"=10' HORIZONTAL
1"=5' VERTICAL



UNDERGROUND UTILITIES AND OSHA SAFETY NOTE:
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction. All O.S.H.A. rules and regulations established for the type of construction required by these plans shall be strictly followed (i.e. trenching, blasting, etc.)



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 the date unless reauthenticated.

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

PETSUITES OF AMERICA
LEE'S SUMMIT, MO
250 NW McNary Ct.
LEE'S SUMMIT, MO 64086
TM CROWLEY
501 PENNSYLVANIA PARKWAY SUITE
INDIANAPOLIS, IN 46280

Project _____
Date 5-10-2022

BASIN AS-BUILT

C-100

Project No.	2008920
Drawn By	Z. KUNTZ/A. JONES
Checked By	M.FOGARTY

NOT RELEASED FOR CONSTRUCTION

1/4" X 3" L MASONRY
 BOLT W/ EASY
 REMOVAL CLIP PINS
 ORIFICE OPENING IN
 PLATE. SEE DETAIL
 ON THIS SHEET

8"
 3" TYP.
 12"
 5" MIN.
 ELEVATION

ISOMETRIC

ORIFACE PROTECTION DETAIL (N.T.S.)

ISOMETRIC

SECTION

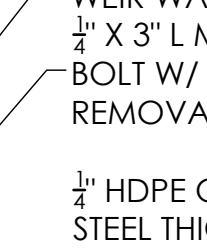


Diagram illustrating the components of a concrete base structure:

- OUTFALL STRUCTURE
- WEIR WALL
- $\frac{1}{2}$ " X 3" L MASONRY
- BOLT W/ EASY
- REMOVAL CLIP PINS
- $\frac{1}{4}$ " HDPE OR $\frac{1}{4}$ " STAINLESS
- STEEL THICK PLATE BOLTED
- TO STRUCTURE
- MANUFACTURED BY PLASTIC SOLUTIONS INC. OR EQUAL
- 1" HOLES WITH A MINIMUM OPENING AREA OF 30%.
- CONCRETE BASE

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.)

18" HP STORM
PIPE OUT FL=988.04

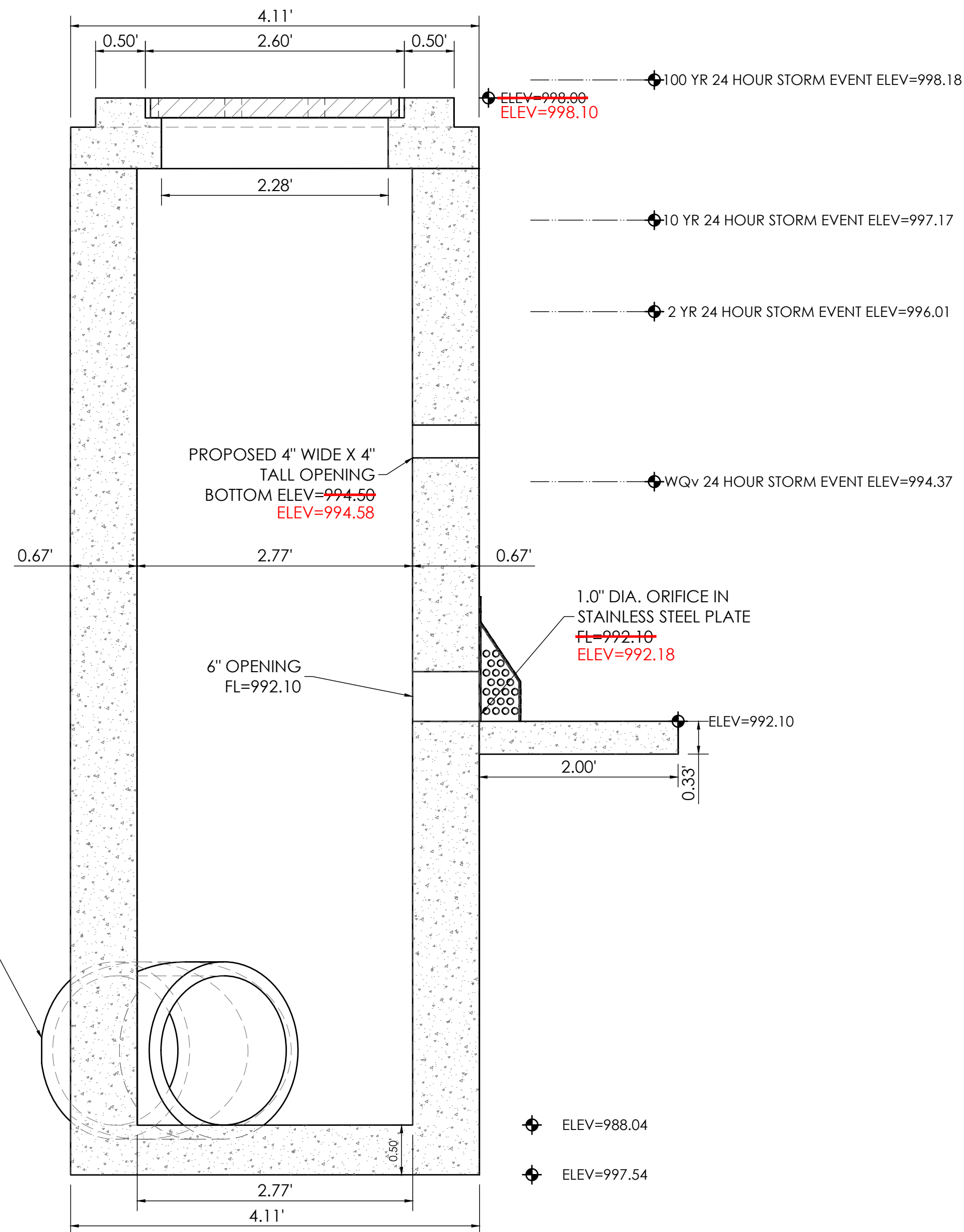
PROPOSED 4" WIDE X
TALL OPENING
BOTTOM ELEV=994.50

PROPOSED TRASH
RACK WITH STAINLESS
STEEL PLATE.
REFERENCE DETAIL ON
THIS SHEET.

PROPOSED
CONCRETE PAD
1" OPENING IN STAINLESS STEEL PLATE
FL=992.10
6" OPENING
FL=992.10

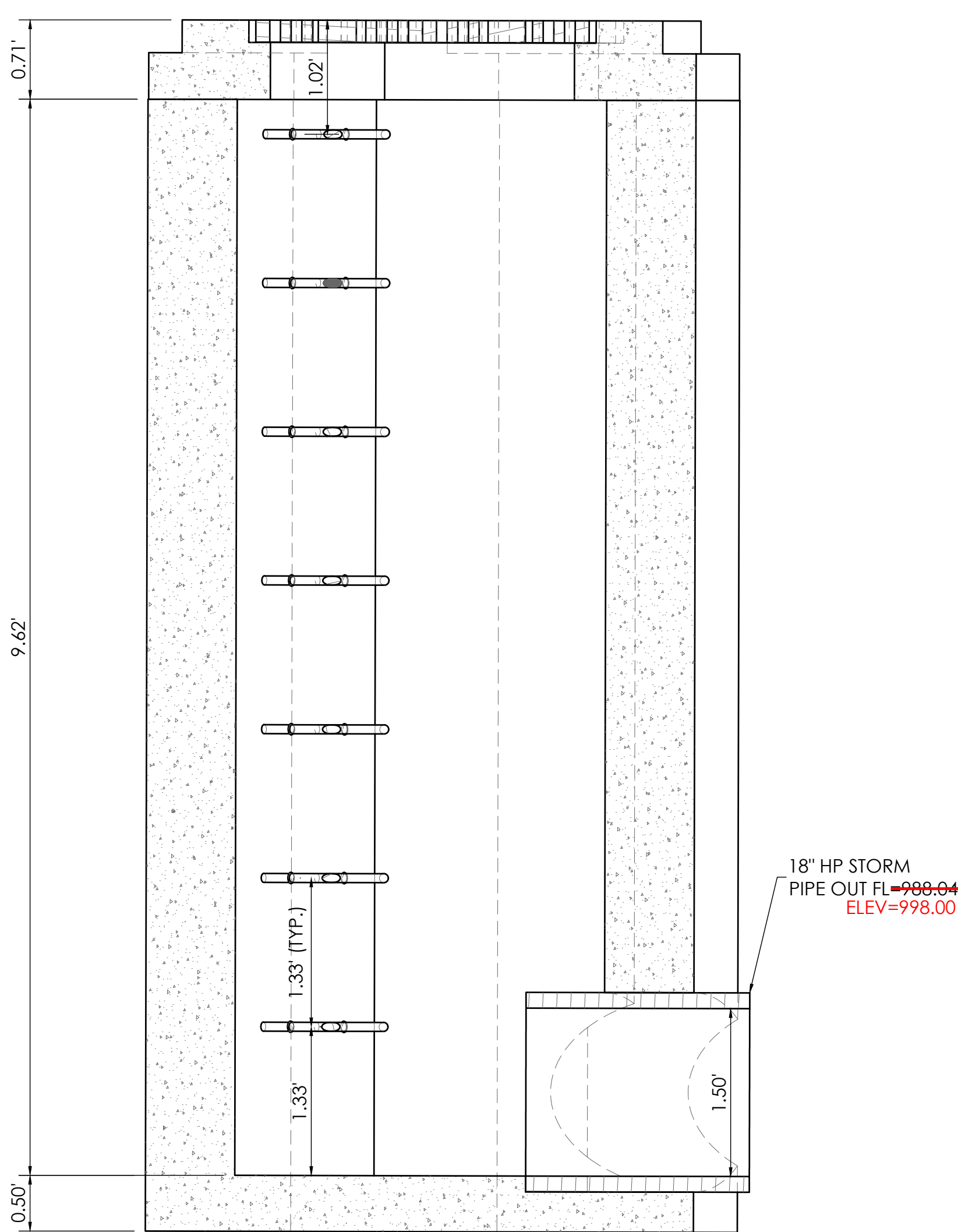
DETENTION BASIN OUTFALL STRUCTURE
VIEW - 101 OS

SCALE = 1"=1



SECTION A-A
SCALE 1" = 1'

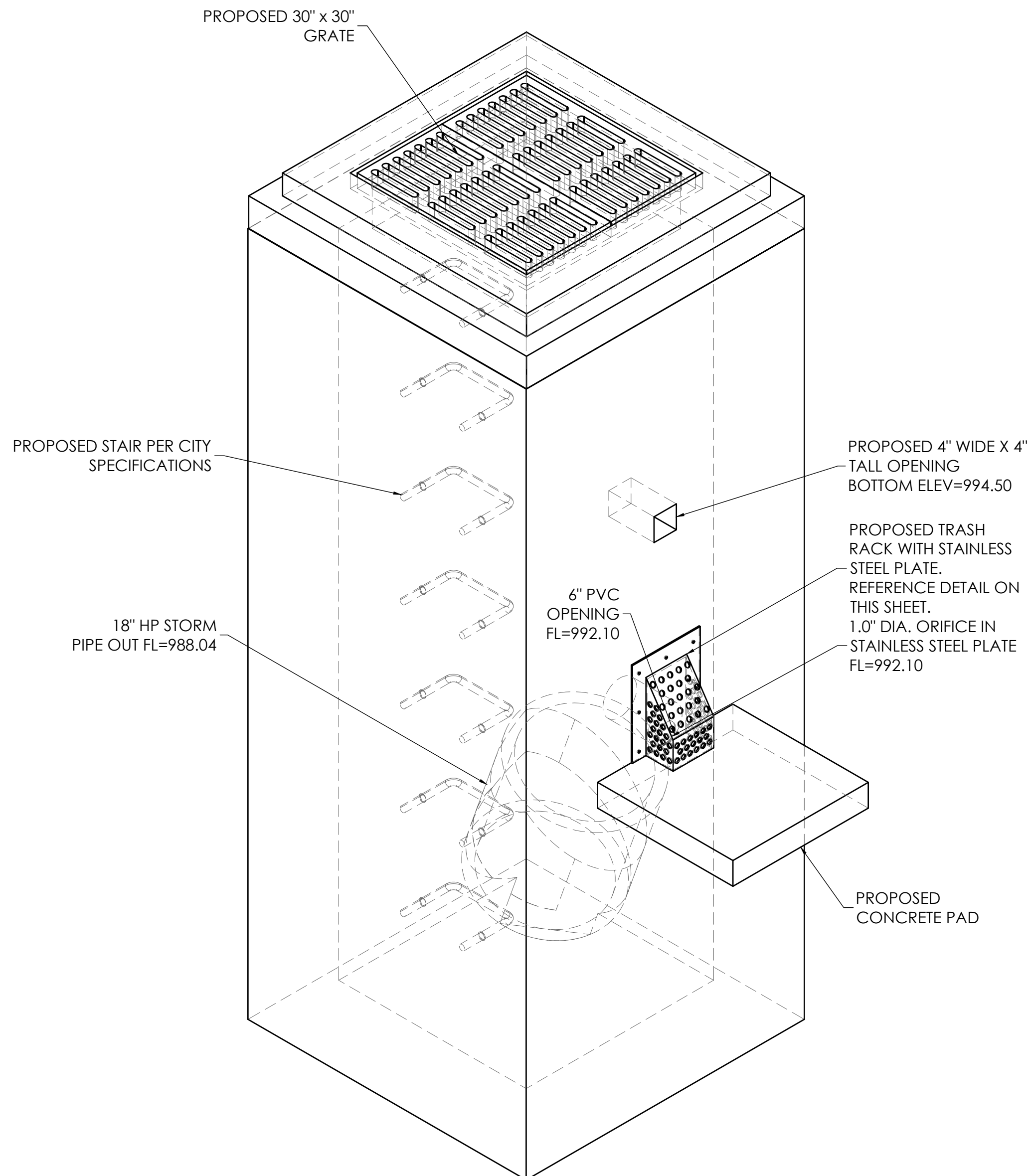
SCALE 1" = 1'



18" HP STORM
PIPE OUT FL ~~-988.04~~
ELEV=998.00

SECTION B-B
SCALE 1" = 1'

SCALE 1" = 1'



DETENTION BASIN OUTFALL ISOMETRIC
VIEW - 101 OS

SCALE = 1"=1'