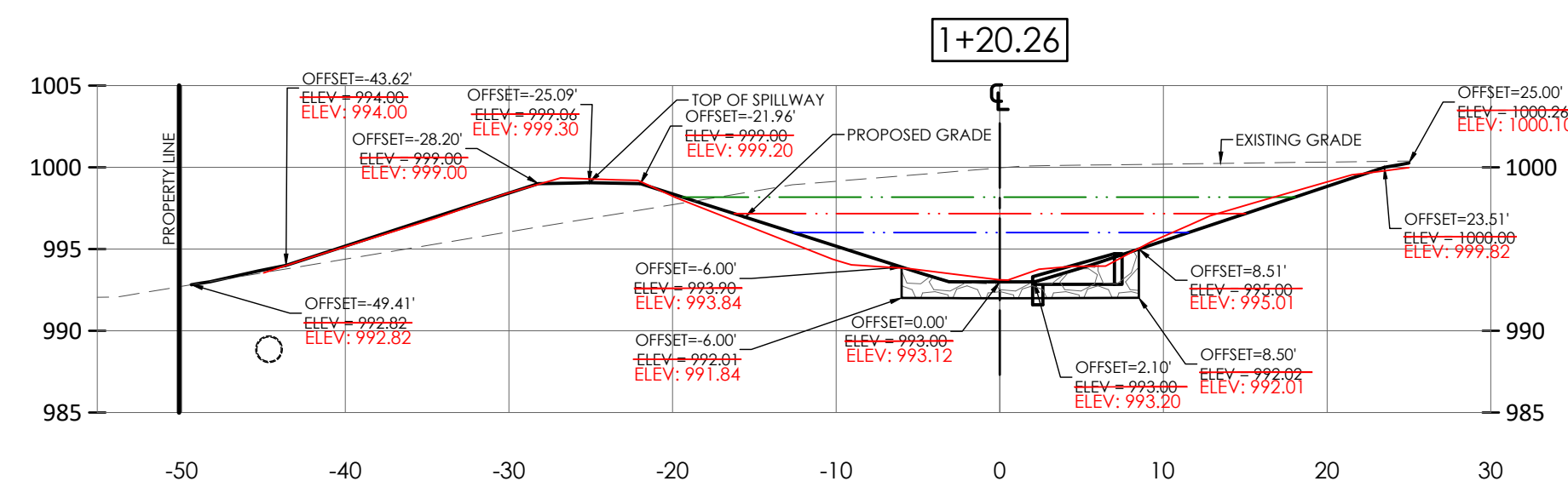
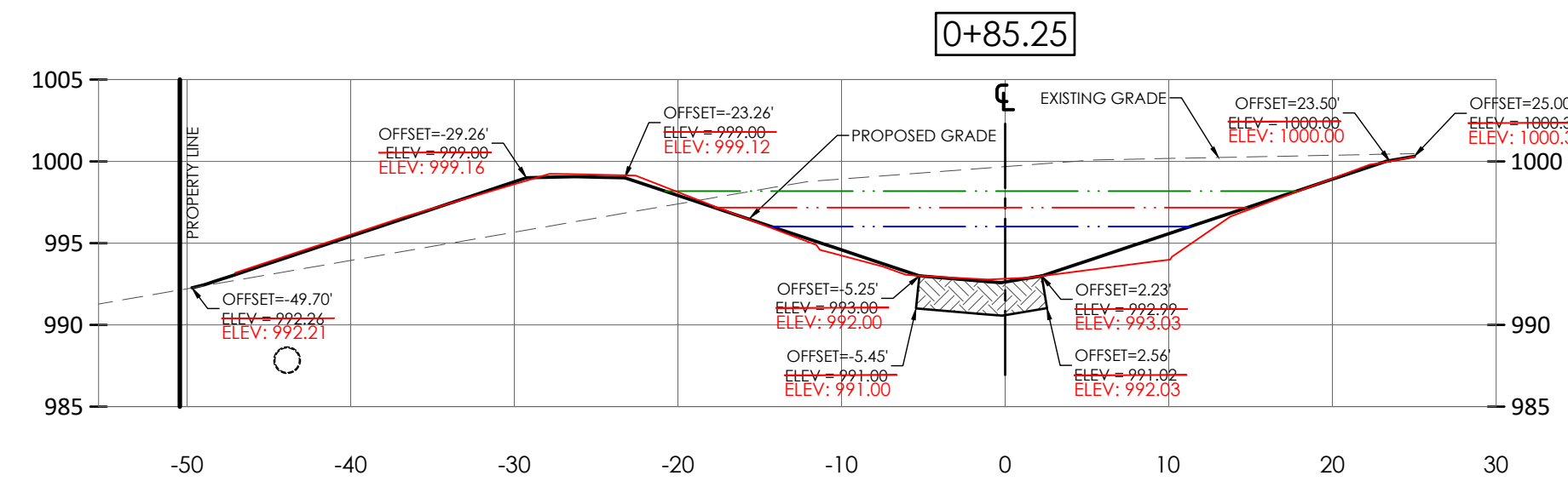
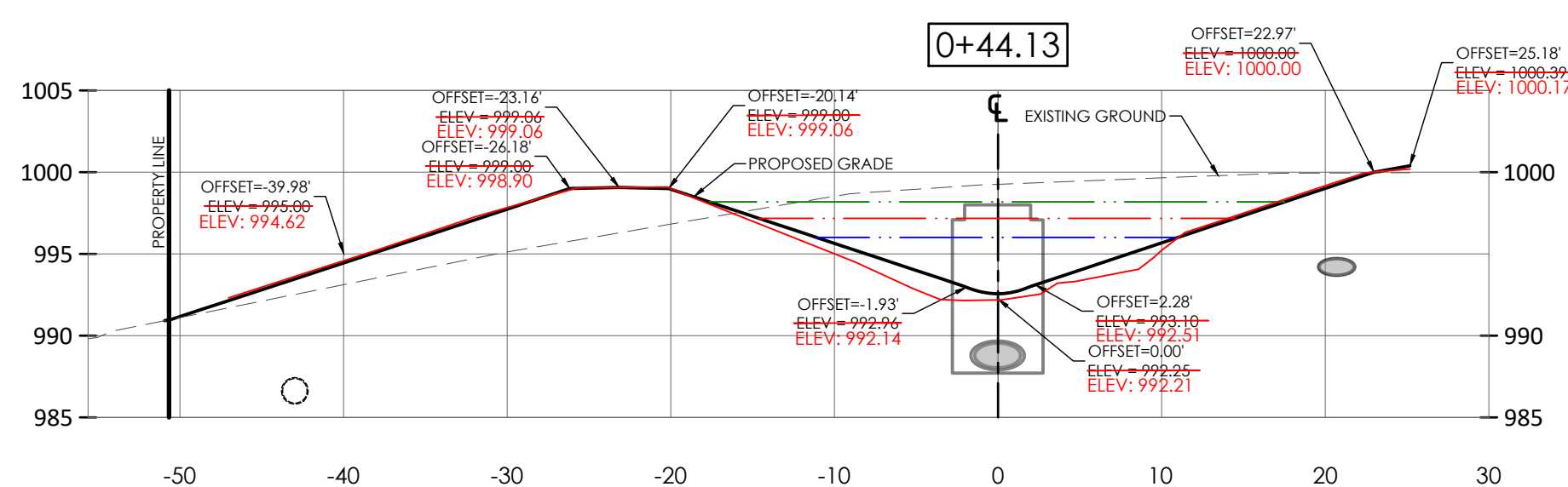
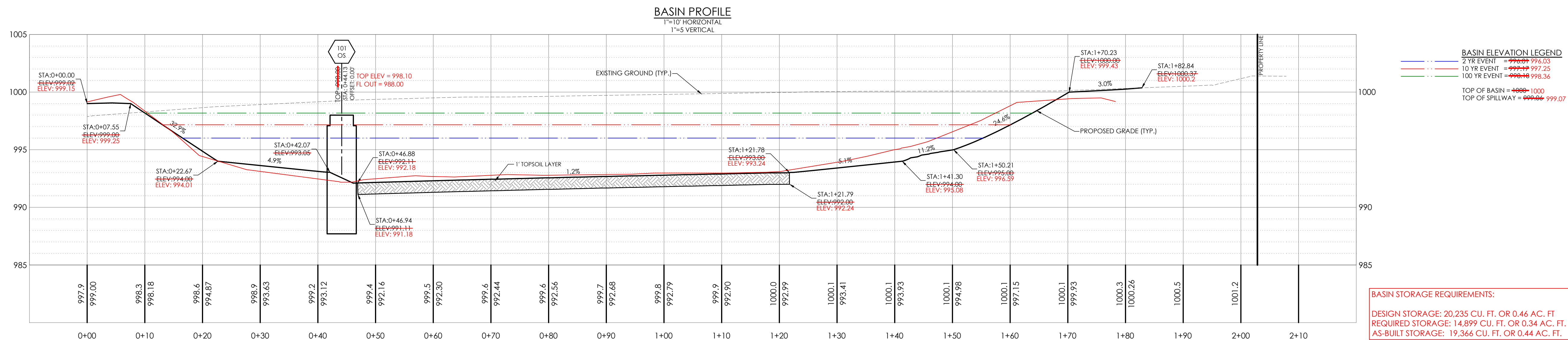


DETENTION BASIN PLAN VIEW
SCALE = 1"=10'



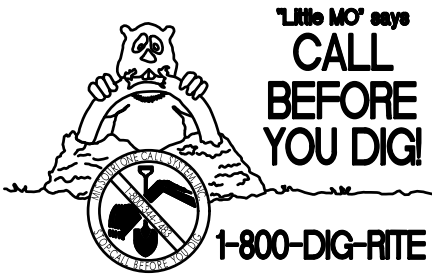
RECORD DRAWING

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) within this firm.

"100.0% 100.10", "100% 1.15% 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

ault-pc\vault\CIVIL 3D PROJECTS\2020\2008920_PetSuites_McNary Ct Lot 3B_Lee Summit\ENGINEERING\AS-BUILTS\BASIN DETAIL.dwg



on available
ed
contractors
All O.S.H.A.
on required



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

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

•

Date 5-20-2022

1

BASIN AS-BUILT

C-100

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

NOT RELEASED FOR CONSTRUCTION

Diagram showing the ELEVATION view of the plate. Dimensions include 8" width, 3" TYP. offset, 1/4" X 3" L MASONRY BOLT W/ EASY REMOVAL CLIP PINS, ORIFICE OPENING IN PLATE. SEE DETAIL ON THIS SHEET, 5" MIN. height, and 1/2" diameter hole. The plate is labeled ELEVATION.

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.

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.)

4.11'

2.60'

A

2.60'

4.11'

B

PROPOSED 4" WIDE X 4" TALL OPENING
 BOTTOM ELEV=~~994.50~~
 ELEV=994.58

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

A

1" OPENING IN STAINLESS STEEL PLATE
 FL=~~992.10~~
 ELEV=992.18

6" OPENING
 FL=~~992.10~~
 ELEV=992.18

PROPOSED CONCRETE PAD

PROPOSED 4" WIDE X 4"
TALL OPENING
BOTTOM ELEV=~~994.50~~
ELEV=994.58

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

PROPOSED

1" OPENING
~~FL-992.10~~
ELEV=992.18

6" OPENING
~~FL-992.10~~
ELEV=992.18

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

SCALE = 1"=1

SECTION A-A
SCALE 1" = 1'

SCALE 1" = 1'

[illegible]

1.0" DIA. ORIFICE IN
STAINLESS STEEL PLATE
~~FL-992.10~~
ELEV=992.18

~~ELEV=992.10~~
ELEV=992.18

 ~~ELEV=988.04~~
ELEV=988.00

 ~~ELEV=997.54~~
ELEV=987.50

Architectural drawing showing a cross-section of a wall and a window. The wall is 9.62' high and 0.50' thick. The window is 1.02' high and 1.33' (TYP.) wide. The door is 1.50' wide. The drawing includes dimensions for the wall, window, and door, as well as a section line A-A.

18" HP STORM
PIPE OUT FL ~~-988.04~~
ELEV=988.00

SECTION B-B
SCALE 1" = 1'

SCALE 1" = 1'

PROPOSED 30' x 30' GRATE

PROPOSED STAIR PER CITY SPECIFICATIONS

18" HP STORM PIPE OUT FL ~~998.04~~ ELEV=998.00

6" PVC OPENING FL ~~992.10~~ ELEV=992.18

PROPOSED 4" WIDE X 4" TALL OPENING BOTTOM ELEV=~~994.50~~ ELEV=994.58

PROPOSED TRASH RACK WITH STAINLESS STEEL PLATE. REFERENCE DETAIL ON THIS SHEET. 1.0" DIA. ORIFICE IN STAINLESS STEEL PLATE FL ~~992.10~~ ELEV=992.18

PROPOSED CONCRETE PAD

PROPOSED 4" WIDE X 4"
TALL OPENING
BOTTOM ELEV=~~994.50~~
FINV=994.58

PROPOSED TRASH
RACK WITH STAINLESS
STEEL PLATE.
REFERENCE DETAIL ON
THIS SHEET.
1.0" DIA. ORIFICE IN
STAINLESS STEEL PLATE
~~FL=992.10~~
ELEV=992.18

PROPOSED
CONCRETE PAD

DETENTION BASIN OUTFALL ISOMETRIC
VIEW - 101 OS

SCALE = 1"=1'



PREMIER
DESIGN GROUP

100 MIDLAND PARK DRIVE
WENTZVILLE, MO 63385

MISSOURI CONTRACTOR LICENSE #00001
MISSOURI CERTIFICATE OF AUTHORITY #S-200029849
MISSOURI CERTIFICATE OF AUTHORITY #A-200607538

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INDIANAPOLIS, IN 46280

Project _____
Date 5-20-2022

[illegible]

OUTFALL STRUCTURE AS-BUILT

C-101

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

NOT RELEASED FOR CONSTRUCTION



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 shall be followed.