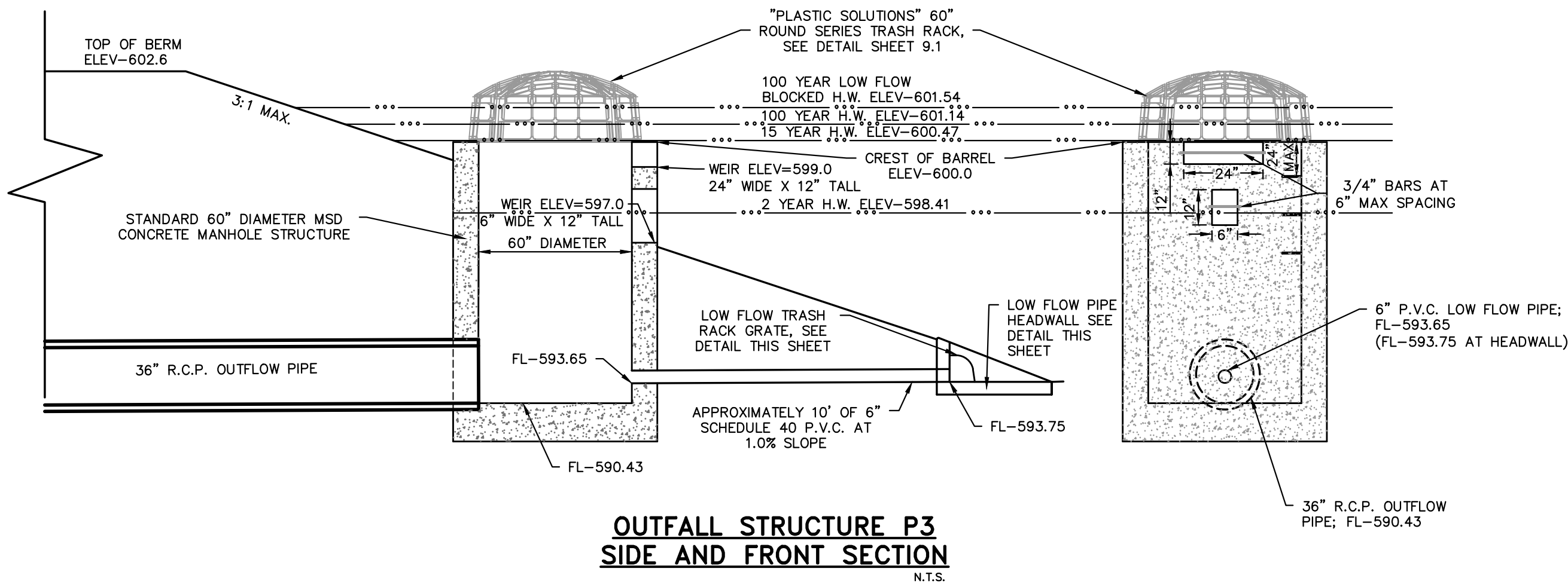
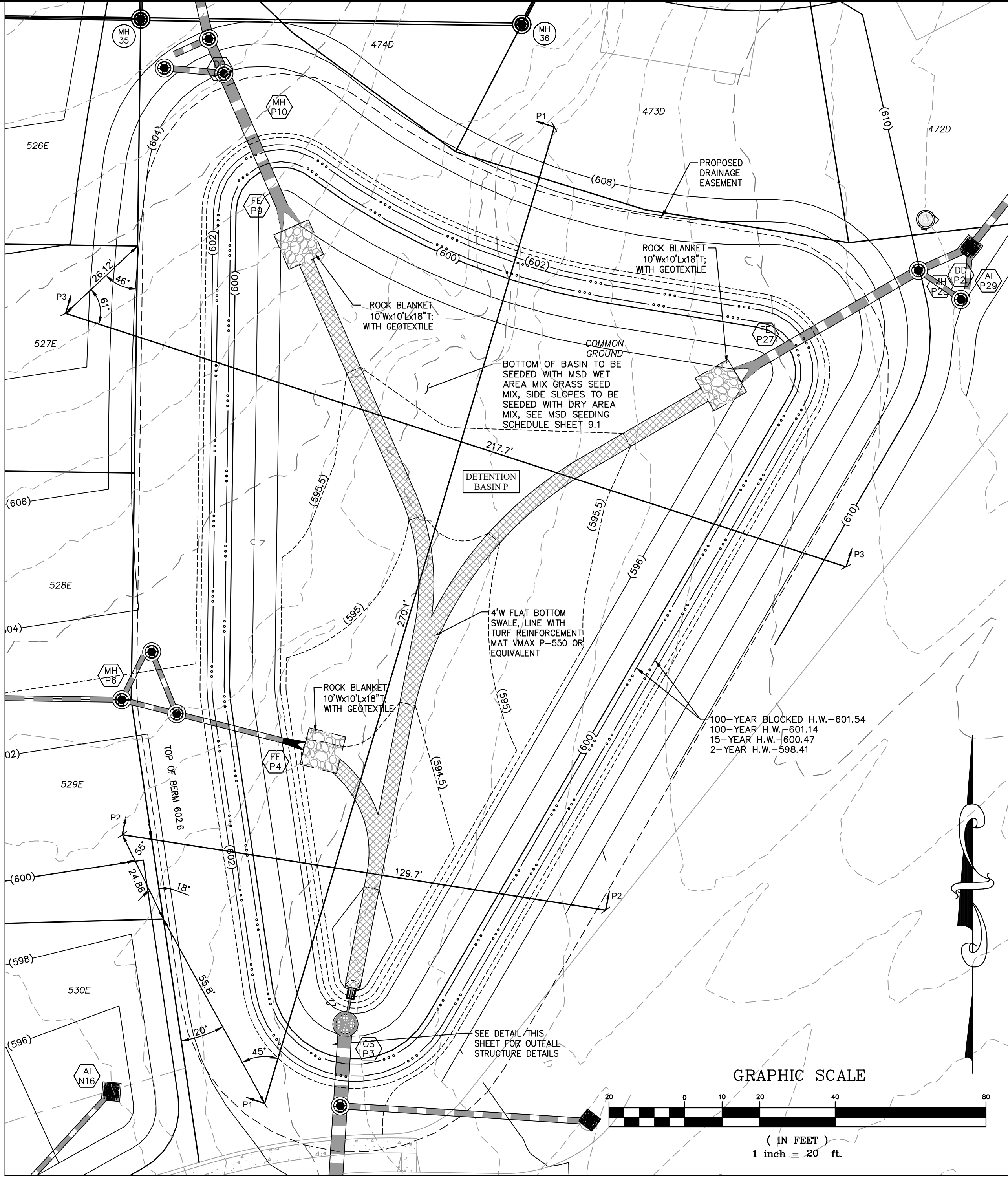


Drawing name: V:\2009\227 Highway N Assembly\Drawings\Improvements\9227 IMP Basin Details.dwg Plotted on: Feb 11, 2025 - 10:23am Plotted by: juelienhaus

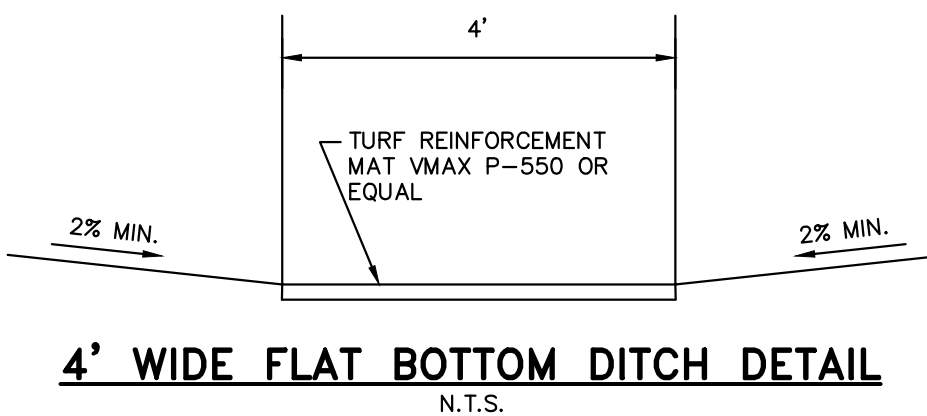


SHOP DRAWING REQUIRED

R-7512-A1
Cast Iron Pipe Screen for 10-inch Pipes
For overflow drain.
For maximum free drainage area with openings sized to prevent clogging.
R-7512-A1 With 16" for 10" pipe
Height....13 inches
Length....18 inches
Openings....1 inch

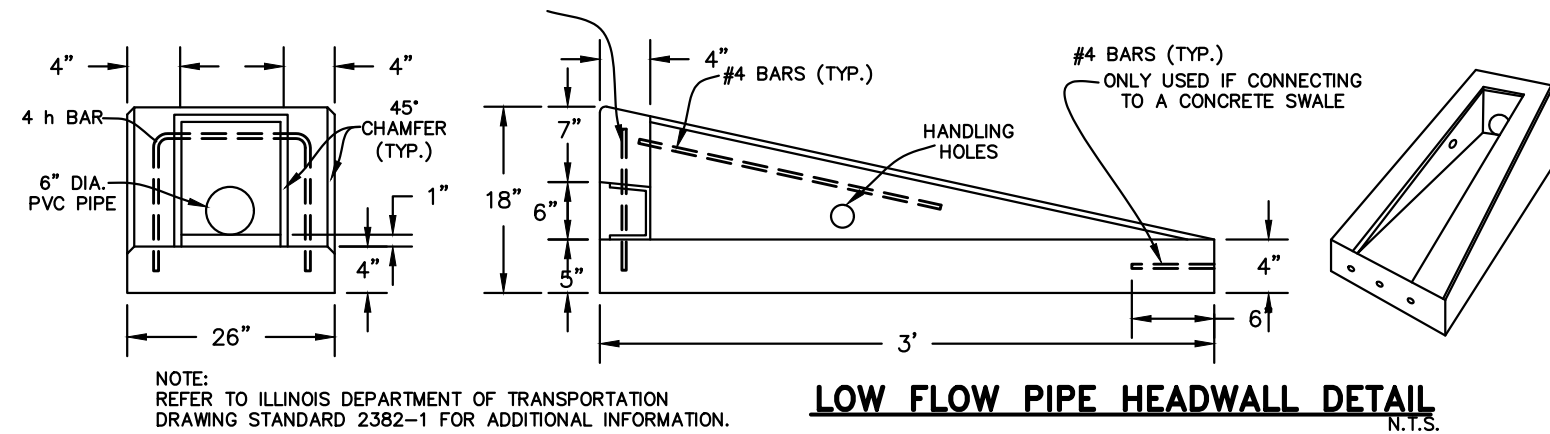


LOW FLOW TRASH RACK DETAIL

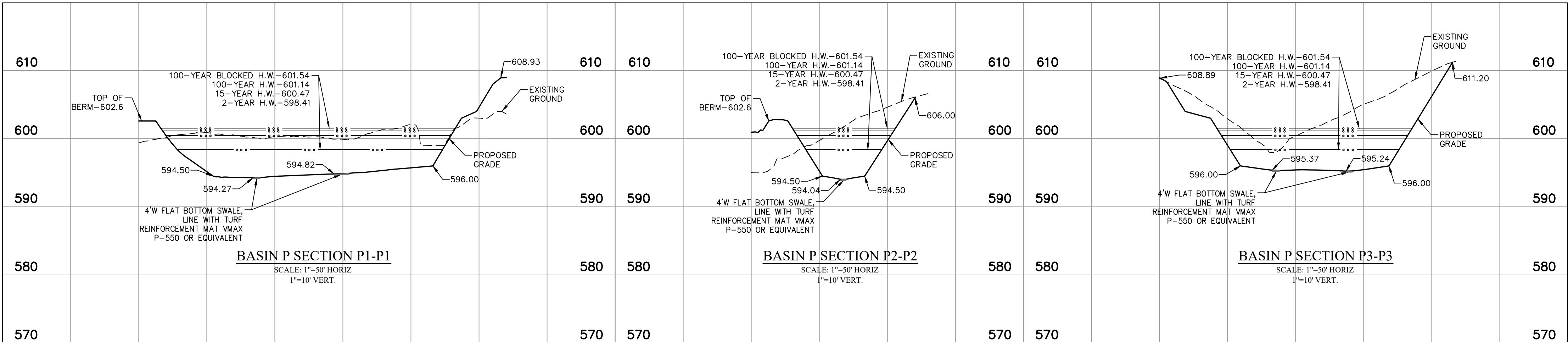


4' WIDE FLAT BOTTOM DITCH DETAIL

NOTE:
1. MINIMUM 2% SLOPE LATERALLY TO SWALE AND 1% LONGITUDINALLY ALONG SWALE TO PREVENT STANDING WATER.
2. SWALE SHALL BE LINED WITH VMAX P-550 TURF REINFORCEMENT MAT OR APPROVED EQUAL.
4. SWALE SHALL BE SEEDED WITH WET SEED MIX PER MSD SEEDING TABLE.



LOW FLOW PIPE HEADWALL DETAIL



ISSUE	REMARKS/DATE
1	2024-08-13, INITIAL SUBMITTAL CITY PH.2
2	2024-11-08, REVISED PER CITY COMMENTS
3	2025-01-03, REVISED PER CITY COMMENTS
4	2025-02-11, REVISED PER CITY COMMENTS

PROJECT TITLE

HARVEST
AT HOPEWELL

O'Fallon, Missouri
O'FALLON PHASE 2

THE **STERLING** CO.
ENGINEERS & SURVEYORS

5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-sur.com
Corporate Certificate of Authority #001348



Date: 02-11-2025
Michael G. Boerding
License No. MO E-28643
Professional Engineer

HARVEST HOPEWELL, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

DETENTION BASIN P DETAILS

P+Z No. 21-004994
City No. 21-011444
Date: 02-11-2025
Job No. 20-09-327

Page No.

9.13

IMP