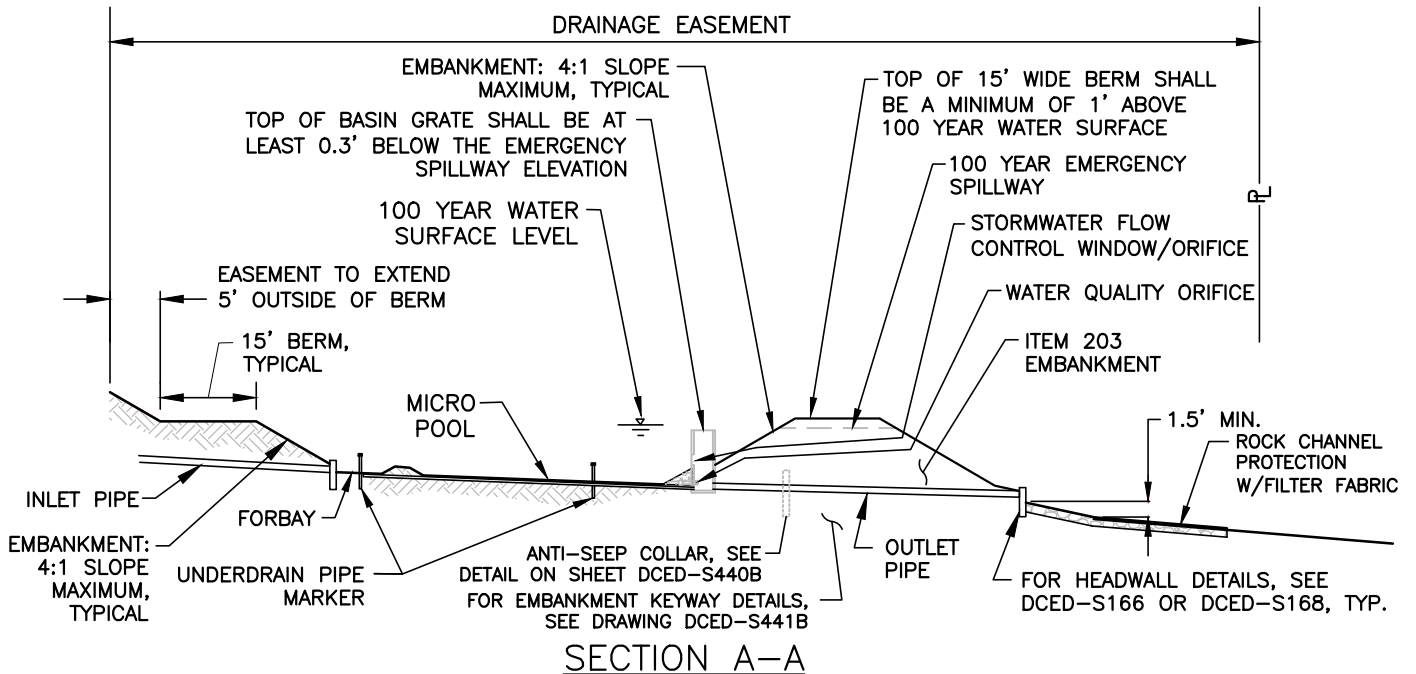


PLAN



SECTION A-A

NOTES:

- FORBAY AND MICROPOL SHALL BE SIZED PER CURRENT OEPA GUIDELINES. DIRECT SITE FLOW TO THE FORBAY.
- TREES, ROOTS, AND BRUSH SHALL BE REMOVED FROM THE DRAINAGE EASEMENT, DETENTION BASIN AND BASIN EMBANKMENT.
- POND BOTTOM CROSS SLOPE SHALL BE A MINIMUM OF 2%.
- PROVIDE ROCK CHANNEL PROTECTION OR CONCRETE PAVED CHANNEL AT THE POND OUTLET PIPE.
- EMERGENCY SPILLWAY SHALL ONLY BE UTILIZED FOR DISCHARGE ABOVE THE 100 YR STORM.
- SEE ARTICLE IX OF THE DELAWARE COUNTY DESIGN, CONSTRUCTION, AND SURVEYING STANDARDS FOR OTHER BASIN DESIGN REQUIREMENTS.
- SEE ARTICLE IX, SECTION 902 FOR REQUIRED DRAINAGE EASEMENTS. EASEMENTS SHALL BE PROVIDED TO ALL MAINTENANCE AND ACCESS BERMS AND DRIVES AS WELL AS ALONG ALL FLOOD ROUTES. ACCESS DRIVES SHALL HAVE A MAXIMUM DRIVE PROFILE SLOPE OF 6:1.
- SEE DCED-S440B FOR UNDERDRAIN DETAILS.



Chris E. Bauserman, P.E., P.S.
Delaware County Engineer

APPROVED 01/22/2008

REVISED 04/02/2024

STANDARD CONSTRUCTION DRAWING

DETENTION BASIN

sheet 1 of 2

DCED-S440A