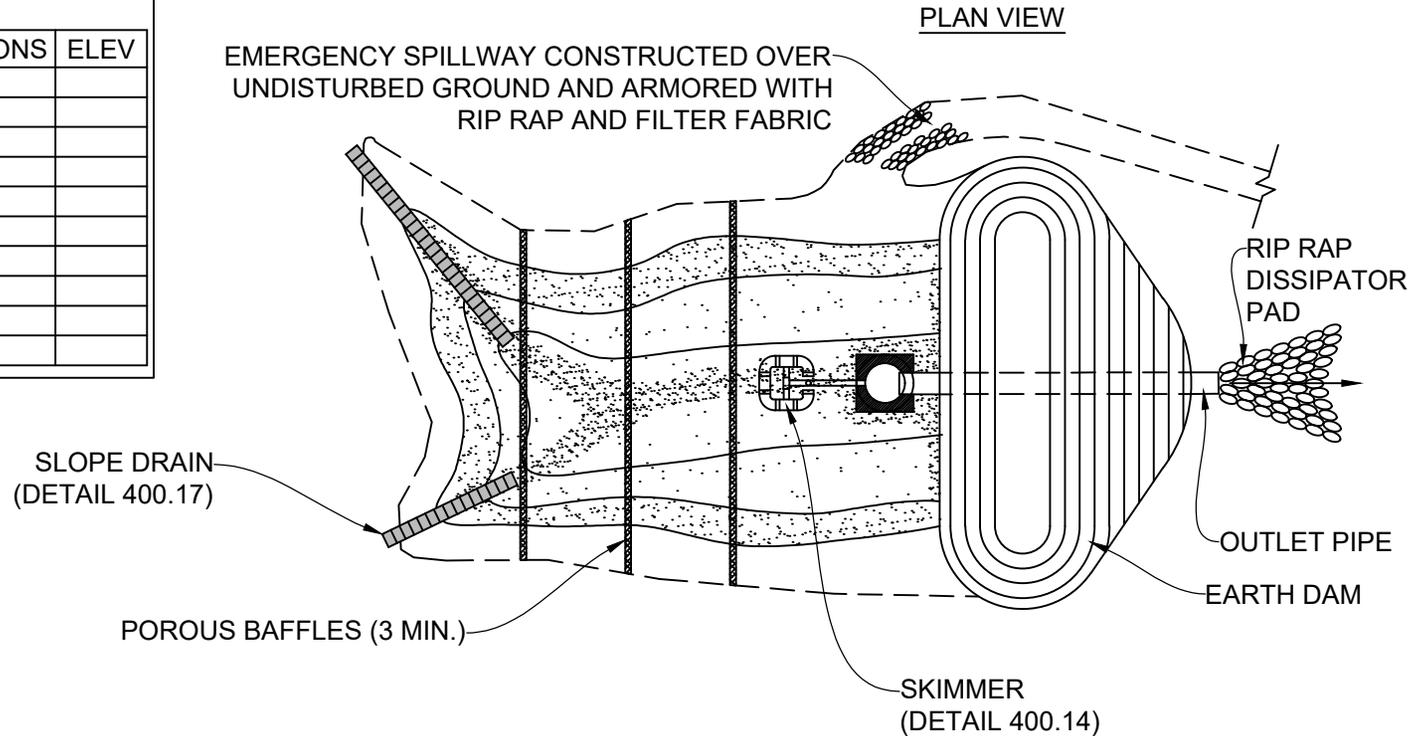


DESIGN INFORMATION TO BE PROVIDED BY THE ENGINEER ON THE CONSTRUCTION DRAWINGS

	DIMENSIONS	ELEV
EMERGENCY SPILLWAY		
TOP OF DAM WIDTH		
ANTI-SEEP COLLAR		
RIP RAP DISSIPATOR PAD		
TOP OF RISER		
OUTLET PIPE INVERT IN		
OUTLET PIPE INVERT OUT		
ANTI-FLOATATION DEVICE		
SKIMMER SIZE		
ORIFICE SIZE		



GENERAL NOTES:

1. SEDIMENT STORAGE: 3,600 CF/DISTURBED ACRE
2. SURFACE AREA : 435 SF/CFS FOR THE Q25
3. INSTALL SEDIMENT CLEANOUT ELEVATION STAKES.
4. BAFFLES SHALL INCLUDE 700 G/SM COIR EROSION BLANKET. WOOD POSTS ARE NOT ACCEPTABLE.
5. FLOW ENTERING THE BASIN MUST BE DIRECTED TO AVOID EROSION ALONG THE SLOPE AND SCOUR IN THE BASIN. APPROPRIATELY SIZED SLOPE DRAINS, PER STD. DETAIL 400.17, ARE RECOMMENDED.
6. THE PERMANENT SCM RISER STRUCTURE AND OUTLET PIPE WITH ANTI-SEEP COLLAR MUST BE INSTALLED DURING THE INITIAL SEDIMENT BASIN CONSTRUCTION. TEMPORARILY MODIFY PERMANENT RISER STRUCTURE AS NEEDED TO ATTAIN DESIGN SEDIMENT VOLUME AND DEPTH.
7. EARTH DAM SHALL BE STABILIZED WITH VEGETATION ACCORDING TO TOWN SPECIFICATIONS.

TOWN OF APEX
STANDARDS

EFFECTIVE: JUNE 11, 2024

RISER BARREL SEDIMENT BASIN

STD. NO.

400.12

SHEET 1 OF 2