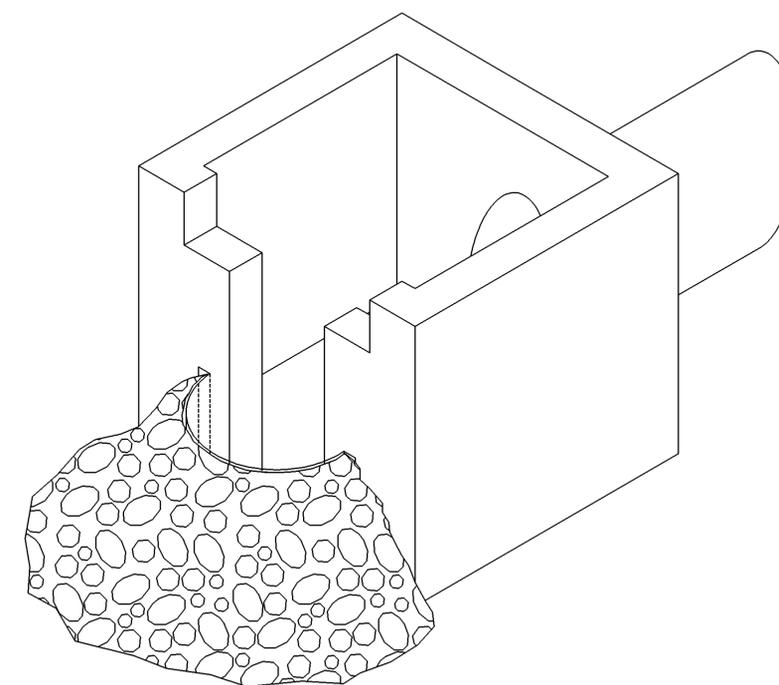
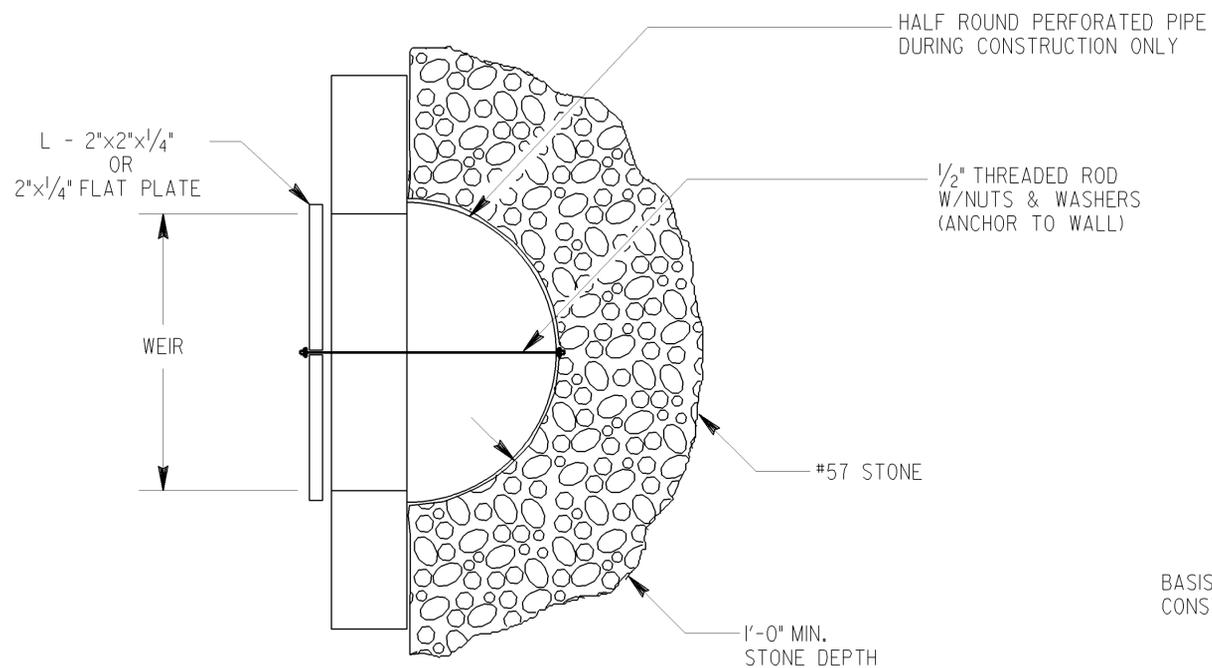


ISOMETRICS



GENERAL NOTES

1. SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRE TOTAL DRAINAGE AREA.
2. SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA IN THE PROJECT.
3. THE HEIGHT OF THE RETROFIT SHOULD BE APPROXIMATELY ONE HALF THE HEIGHT OF THE STORMWATER MANAGEMENT OUTLET STRUCTURE. THE POND MUST BE CAPABLE OF STORING THE REQUIRED VOLUME OF SEDIMENT IN ADDITION TO THE REQUIRED STORMWATER VOLUME. THE REQUIRED SEDIMENT STORAGE VOLUME SHALL BE ACHIEVED BY EITHER EXCAVATING THE BASIN OR RAISING THE OUTLET STRUCTURE'S INVERT TO ACHIEVE 67 CUBIC YARDS PER ACRE OF SEDIMENT STORAGE. REMOVE SEDIMENT WHEN ONE THIRD OF THE SEDIMENT STORAGE CAPACITY, NOT TOTAL POND CAPACITY, IS LOST TO SEDIMENT ACCUMULATION.
4. NEVER TO BE USED ON EXPOSED PIPE END OR WINGED HEADWALL.
5. DIAMETER OF HALF ROUND PIPE SHOULD BE 1.5 TIMES THE DIAMETER OF THE PRINCIPAL PIPE OUTLET OR WIDER THAN THE GREATEST WIDTH OF THE CONCRETE WEIR.



ATTACHMENT DETAIL PLAN

BASIS OF PAYMENT:  
CONSTRUCT AND REMOVE RETROFIT, STA. NO.- \_\_\_\_\_ EACH

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAIL RETROFITTING STRUCTURE FOR TEMPORARY SEDIMENT FILTER PERFORATED HALF-ROUND PIPE WITH STONE FILTER	
NO SCALE		MAY 2008	
BY		NUMBER D-44	