

DRY POND (STORMWATER DETENTION) - GRAVITY WALL



GENERAL NOTES:

1. A DRY POND IS A STORMWATER MANAGEMENT SYSTEM WITH A TEMPORARY POOL THAT STORES AND TREATS STORMWATER.
2. CLEAR CRUSH DRAIN ROCK (IE. AASHTO NO. 57 STONE) TO BE USED WITHIN THE UNIT HOLLOW CORES AND BEHIND THE RETAINING WALL UP TO 1' (0.3M) ABOVE HIGH WATER LEVEL TO ENSURE PROPER DRAINAGE.
3. CLEAR CRUSH DRAIN ROCK TO BE WRAPPED IN FILTER SEPARATION FABRIC TO AVOID INTRUSION OF SOIL INTO THE STONE VOID MATRIX.
4. PERFORATED DRAIN PIPES MAY BE ADDED AS REQUIRED.
5. ADDITIONAL SCOUR ANALYSES AND RIP-RAP SIZING CALCULATIONS SHOULD BE COMPLETED SEPARATELY. THESE CALCULATIONS WILL DETERMINE EMBEDMENT DEPTH BELOW THE SCOUR RANGE.
6. SEE OTHER DETAILS FOR A GEOGRID REINFORCED MSE RETAINING WALL OPTION FOR THE DRY POND (STORMWATER DETENTION) SCENARIO.

