



RETENTION SWALE DETAIL

**SECTION 'A-A'**

NOTES:

1. SIDE SLOPES SHALL BE 2H:1V (MAX)
2. ALL SWALES SHALL HAVE A MINIMUM INFILTRATION RATE OF 0.5"/HR; GEOTECH REPORT IS REQUIRED TO INDICATE PERCOLATION WILL OCCUR WITHIN 48 HOURS.
3. SEE INLET APRON DETAIL DWG NO. 2-3
4. INLET APRON SHALL BE INSTALLED AT THE SAME TIME AS DRIVEWAY APRON AND ON THE LOWER SIDE OF DRIVEWAY APRON.
5. FRONT OF SIDEWALK SHALL BE 0.12' HIGHER THAN TOP OF CURB.
6. DEPTH OF WASHED RIVER ROCK AREA SHALL BE DETERMINED BY THE STORAGE NEEDS OF THE ADJACENT ROADWAY.

7. SPACE CHECK DAMS ACCORDING TO THE HEIGHT OF THE DAM AND THE SLOPE OF THE CHANNEL SO THAT THE BACKWATER FROM THE DOWNSTREAM DAM REACHES THE TOE OF UPSTREAM DAM.

CITY OF LEWISTON, IDAHO  
PUBLIC WORKS DEPARTMENT

**NARROW  
RETENTION SWALE**

APPROVED FOR PUBLICATION

*Dawn Shilley* 12/9/15  
City Engineer Date

DWG. NO.

2-2A