ROCK SILL EXAMPLE PROFILE

NOTES:

1. ROCK SILL SITING AND PLACEMENT IS SITE SPECIFIC. PLANNED ROCK THICKNESS AND VERTICAL DROP OF THE SILL IS BASED ON LOCAL CONDITIONS.

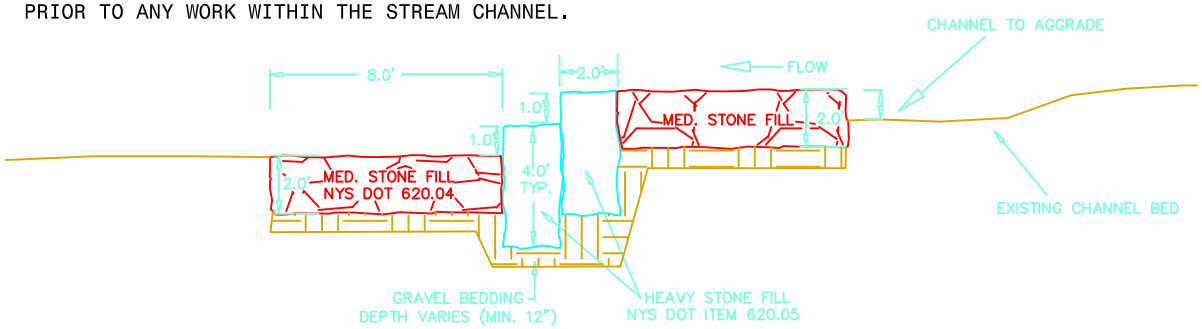
2. ROCK FOR GRADE CONTROL SILLS IS TYPICALLY HEAVY STONE FILL (EQUIVALENT TO NYSDOT ITEM 620.05) INSTALLED A MINIMUM OF 2.0' BELOW THE ANTICIPATED SCOUR DEPTH. CHINKING OF VOIDS BETWEEN THE SILL ROCK IS NECESSARY TO MINIMIZE PIPING AND DISPLACEMENT.

3. CHINK ROCK AND ROCK INSTALLED UPSTREAM(IF NECESSARY) AND DOWNSTREAM(FOR THE PLUNGE POOL) OF THE SILL IS TYPICALLY MEDIUM STONE FILL (EQUIVALENT TO NYSDOT ITEM 620.04).

4. EARTHFILL SHOULD BE PLACED AT A MAXIMUM LAYER THICKNESS OF 6 INCHES AND COMPACTED WITH CONSTRUCTION EQUIPMENT USING A MINIMUM OF 4 PASSES.

5. ALL DISTURBED AREAS SHOULD BE SEEDED AND MULCHED AS SOON AS POSSIBLE AFTER HEAVY CONSTRUCTION IS COMPLETE.

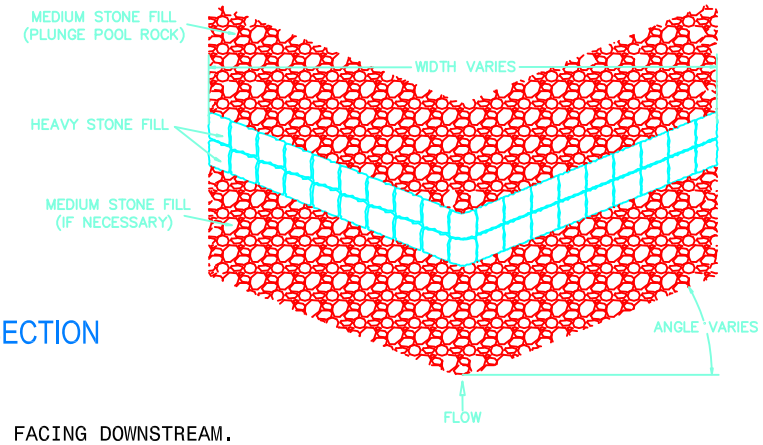
6. EROSION & SEDIMENT CONTROL MEASURES(SILT FENCING, COFFERDAMS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY WORK WITHIN THE STREAM CHANNEL.



ROCK SILL EXAMPLE PLAN VIEW

NOTES:

1. ROCK SILL IS TYPICALLY INSTALLED AT AN ANGLE WITH THE POINT FACING UPSTREAM.



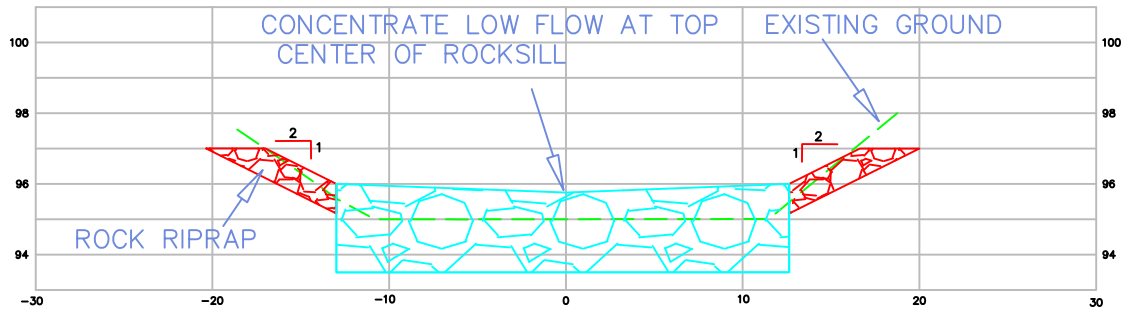
ROCK SILL EXAMPLE CROSS SECTION

NOTES:

1. VIEW OF SILL CROSS SECTION IS FACING DOWNSTREAM.

2. ROCK GRADE CONTROL SILLS SHALL BE CONSTRUCTED WITH THE TOP CENTER AT THE SPECIFIED ELEVATION AND GRADED TO INCREASE 0.2 FEET AT THE RIGHT AND LEFT BANKS TO CENTRALIZE STREAM FLOW.

3. SLOPE ROCK RIPRAP ABOVE THE SILLS IS TYPICALLY MEDIUM STONE FILL NYSDOT ITEM 620.04 INSTALLED AT A GRADE OF 2H:1V WITH ALONG THE ENTIRE LENGTH OF THE SILL.



Date
Designed
Drawn
Checked
Approved

ROCK SILL/ GRADE CONTROL STRUCTURE EXAMPLE DRAWING

NOT A DESIGN **NOT TO SCALE**

Program Code:

Job Class:

Sheet 1 of 1