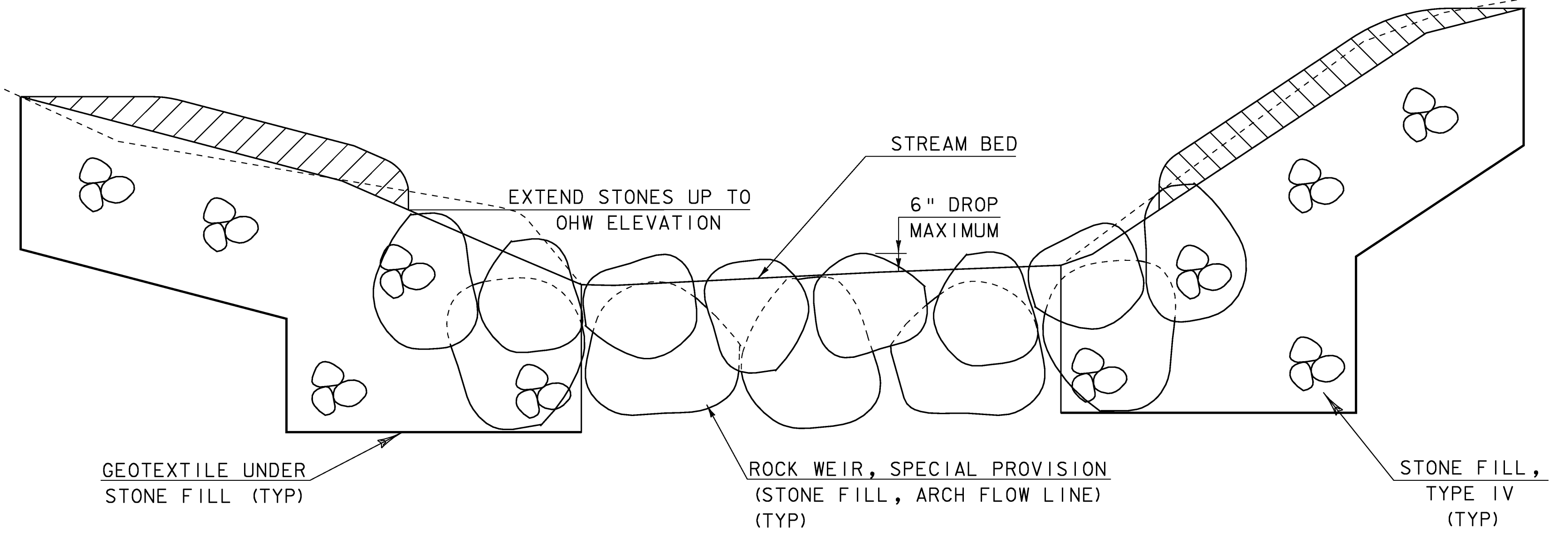
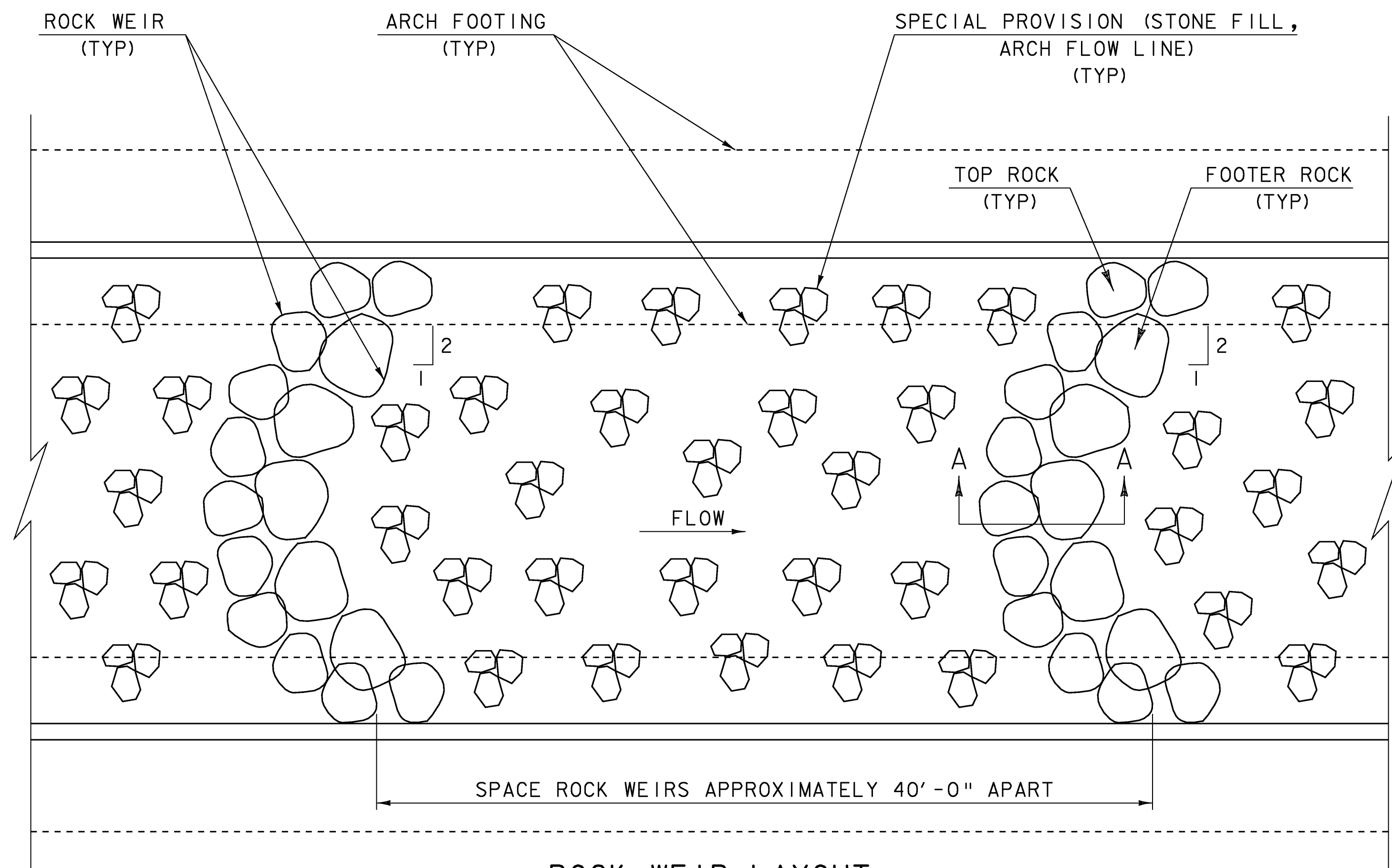


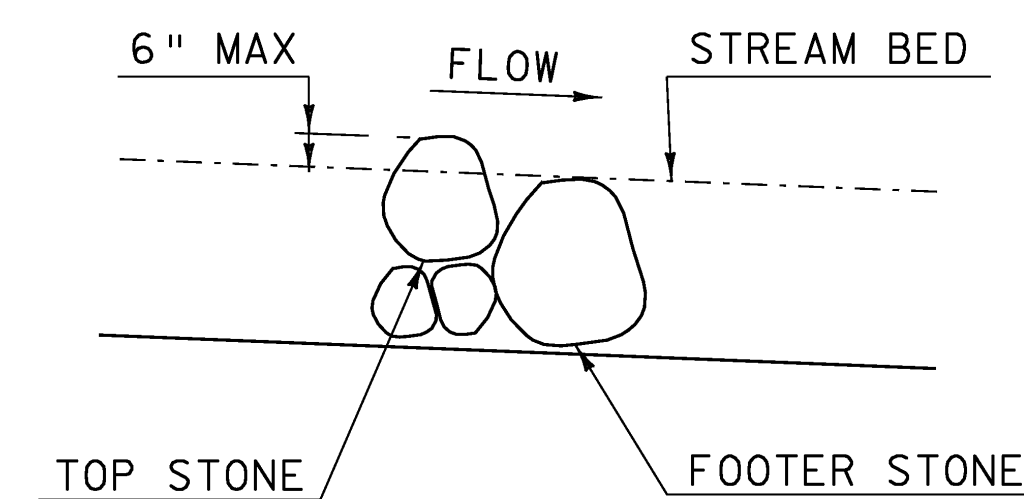
**SECTION AT ROCK WEIR IN CULVERT**  
N. T. S.



**SECTION AT ROCK WEIR IN CHANNEL**  
N. T. S.



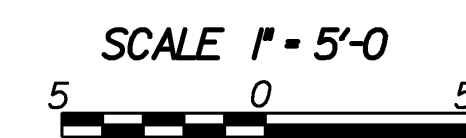
**ROCK WEIR LAYOUT**  
SCALE: 1"=5'-0"



**SECTION A-A**  
SCALE: 1"=5'-0"

**NOTES:**

1. ROCK WEIRS SHALL BE USED FOR GRADE CONTROL. THE CONTRACTOR SHALL USE THE LARGER STONES FROM THE ARCH FLOW LINE MATERIAL TO FORM THE ROCK WEIRS DETAILED ON THIS SHEET. WORK AND MATERIALS NEEDED TO CONSTRUCT THE ROCK WEIRS SHALL BE PAID FOR UNDER ITEM 900.608 "SPECIAL PROVISION (STONE FILL, ARCH FLOW LINE)".
2. THERE SHALL BE FIVE ROCK WEIRS ALONG THE LENGTH OF THE CHANNEL, STARTING 15'-0" TO 20'-0" UPSTREAM FROM THE INLET OF THE ARCH.



|   |   |
|---|---|
| PROJECT:<br>LUDLOW                                    | PROJECT NO. #<br>STP ST CULV (7)                          |
| DESIGN FILE NAME: 00b258\Structures\00b258pipepro.dgn | IPARM FILE NAME: s00b258chanstone.iPLOT DATE: 23-SEP-2008 |
| DESIGNED BY: E.L.RUSTAY                               | DRAWN BY: E.L.RUSTAY                                      |
| SQUAD LEADER: C.P.WILLIAMS                            | CHECKED BY: R.S.YOUNG                                     |
| CHANNEL STONE DETAILS                                 | SHEET: 19 OF 34   |