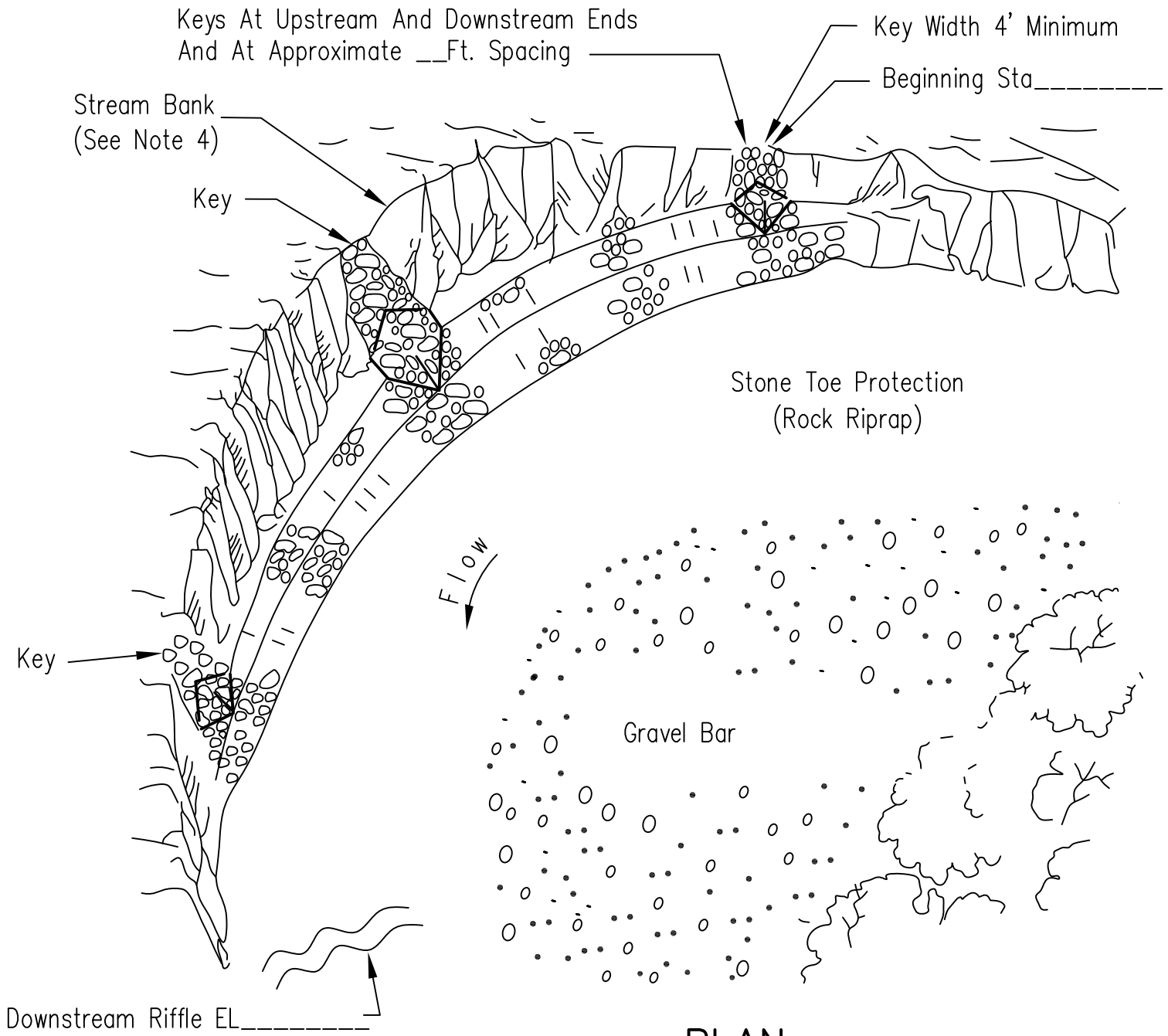
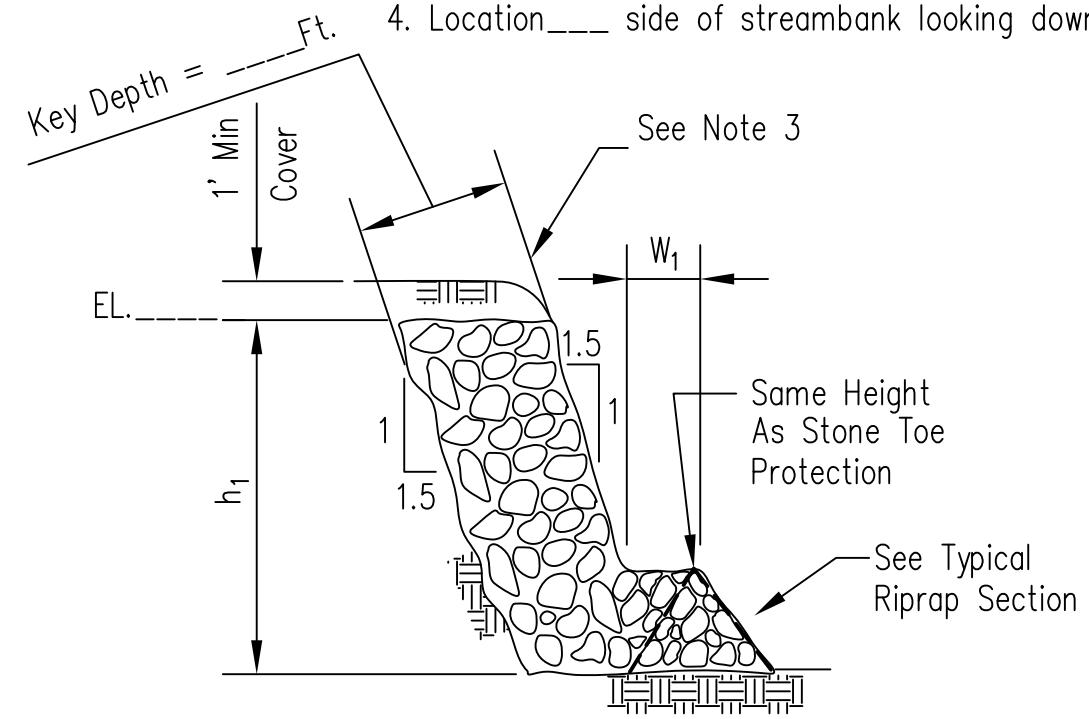
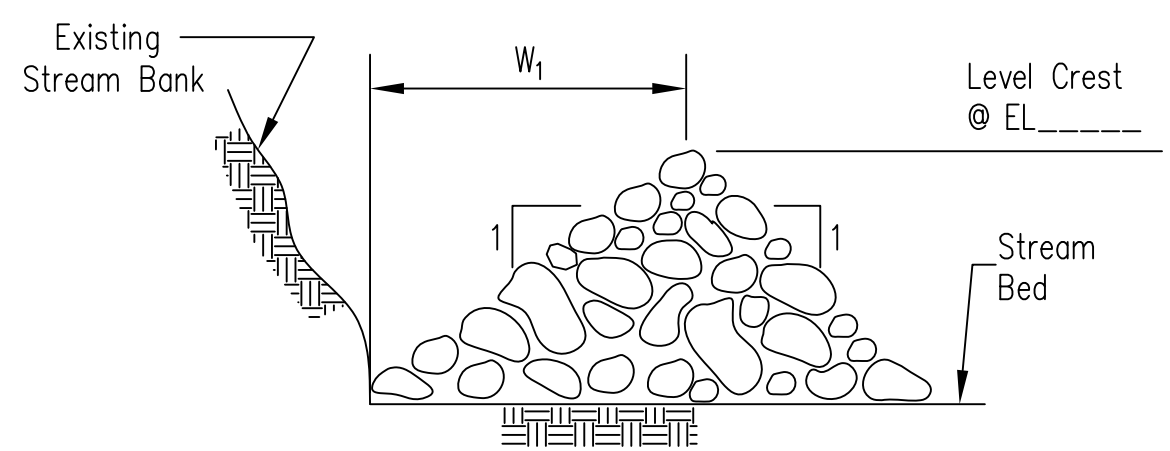



PLAN

Notes:
1. Rock gradation shall meet IDOT requirements for GRAD. NO.___ riprap, quality designation "A", or as designated by engineer.
2. Stone Toe ___ft @_____Tons/Ft. average
Keys _____ @_____Tons Each
Total Rock Amount (Estimate)____Tons
3. Key shall be constructed so that the vertical section remains embedded in the existing stream bank.
4. Location___ side of streambank looking downstream.




KEY DETAIL




TYPICAL RIPRAP SECTION

| Key | Sta. | $h_1$ | $W_1$ | Level Crest El. |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |

Benchmark EL._____
Description_____
_____
_____
Beginning Sta. Description_____
_____
_____

| Landowner | | Stream | | Location | |
|---|---|---|---|---|---|

NOT TO SCALE

| | | Date |
|---|---|---|
| Designed | | |
| Drawn | M. QUINONES | 9/11 |
| Checked | | |
| Approved | | |

STREAM BANK STABILIZATION
STONE TOE PROTECTION

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

File No.
IL-ENG-152
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