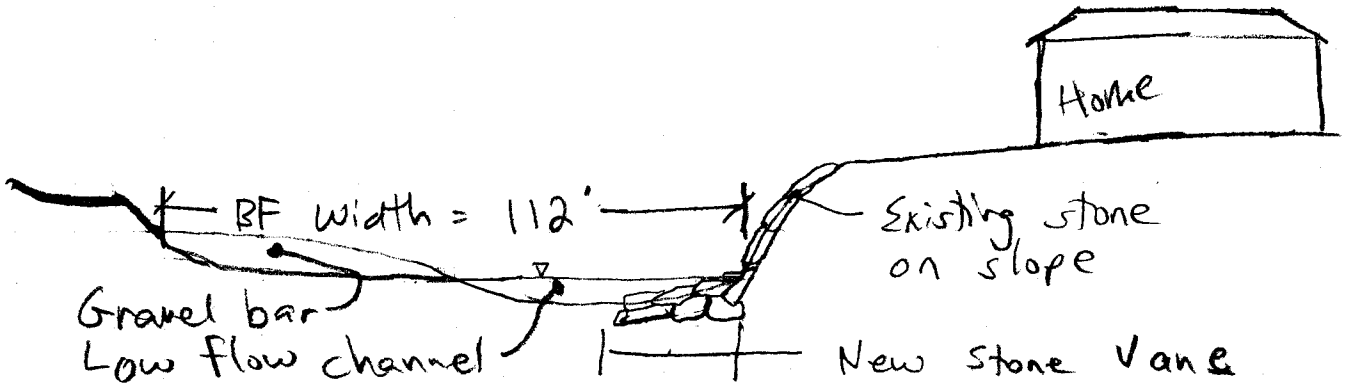
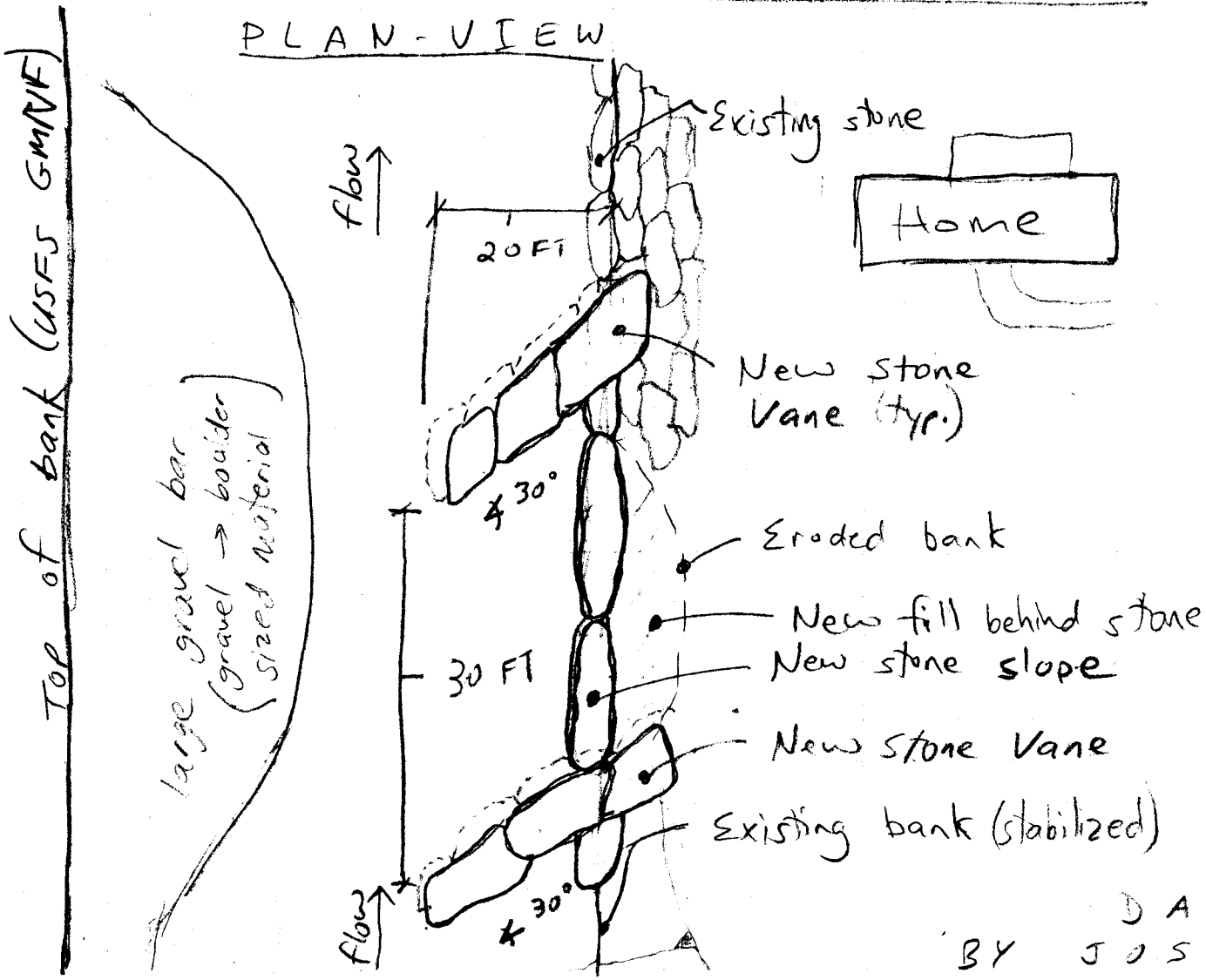
SA - 07 - 30 - 2015
TOWN OF SEARSBURG
RUBY/GEORGE MCDOWELL

CROSS-SECTION



PLAN-VIEW



WATERSHED NOTES

- EAST BRANCH OF THE DEERFIELD RIVER
- 50.1 square miles
- BANKFULL (FIELD)
  - WIDTH - 110 FEET
  - DEPTH - 3.0 FEET
- FLOWS (USGS Report)
  - Q2 = 1720 cfs
  - Q5 = 2670 cfs
  - Q10 = 3390 cfs
- STREAM SLOPE ~3%
- DESIGN VELOCITY 15 fps
- STONE VANE
  - 3-5 FT STONE
  - MAX 2 FT ABOVE STREAM BED
  - 6 FT FOOTER ROCK

DATED 06/19/2015
BY JOSH CARVAJAL, RMS