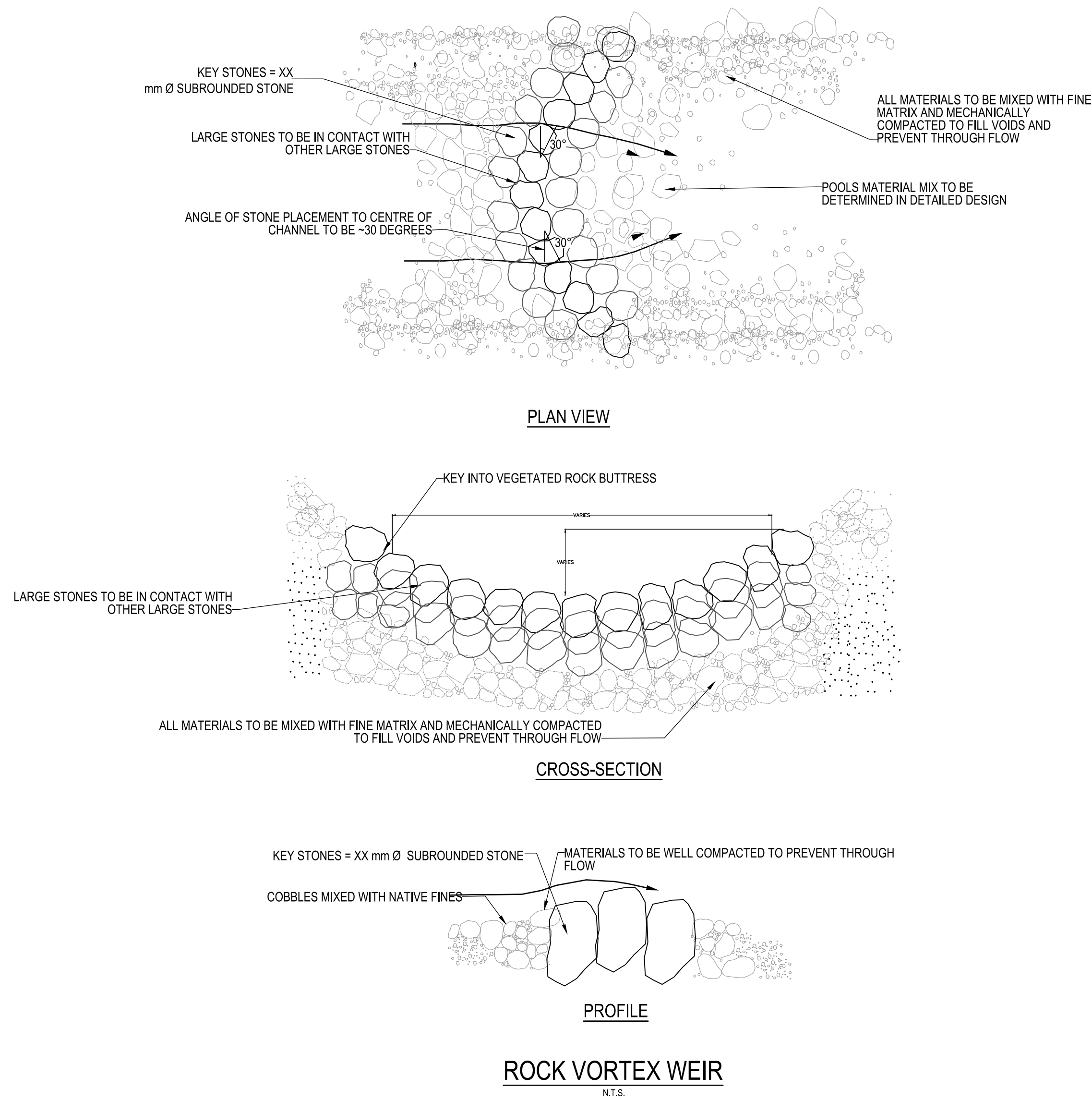


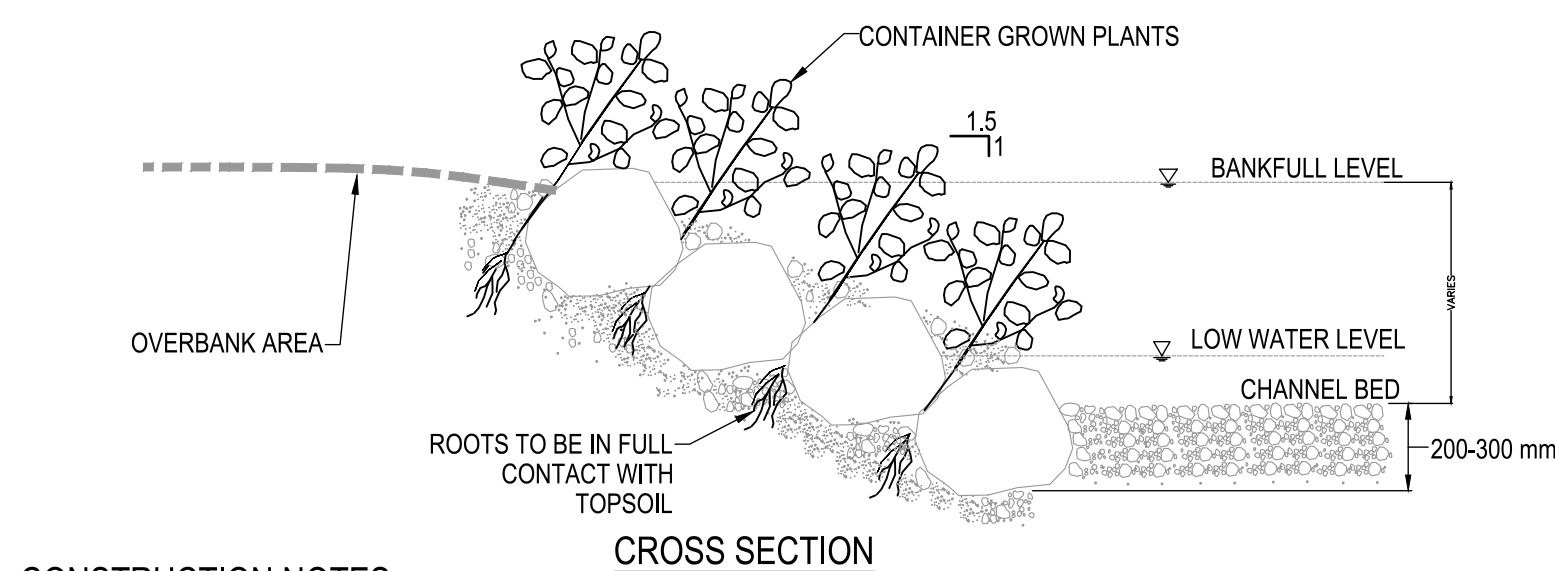
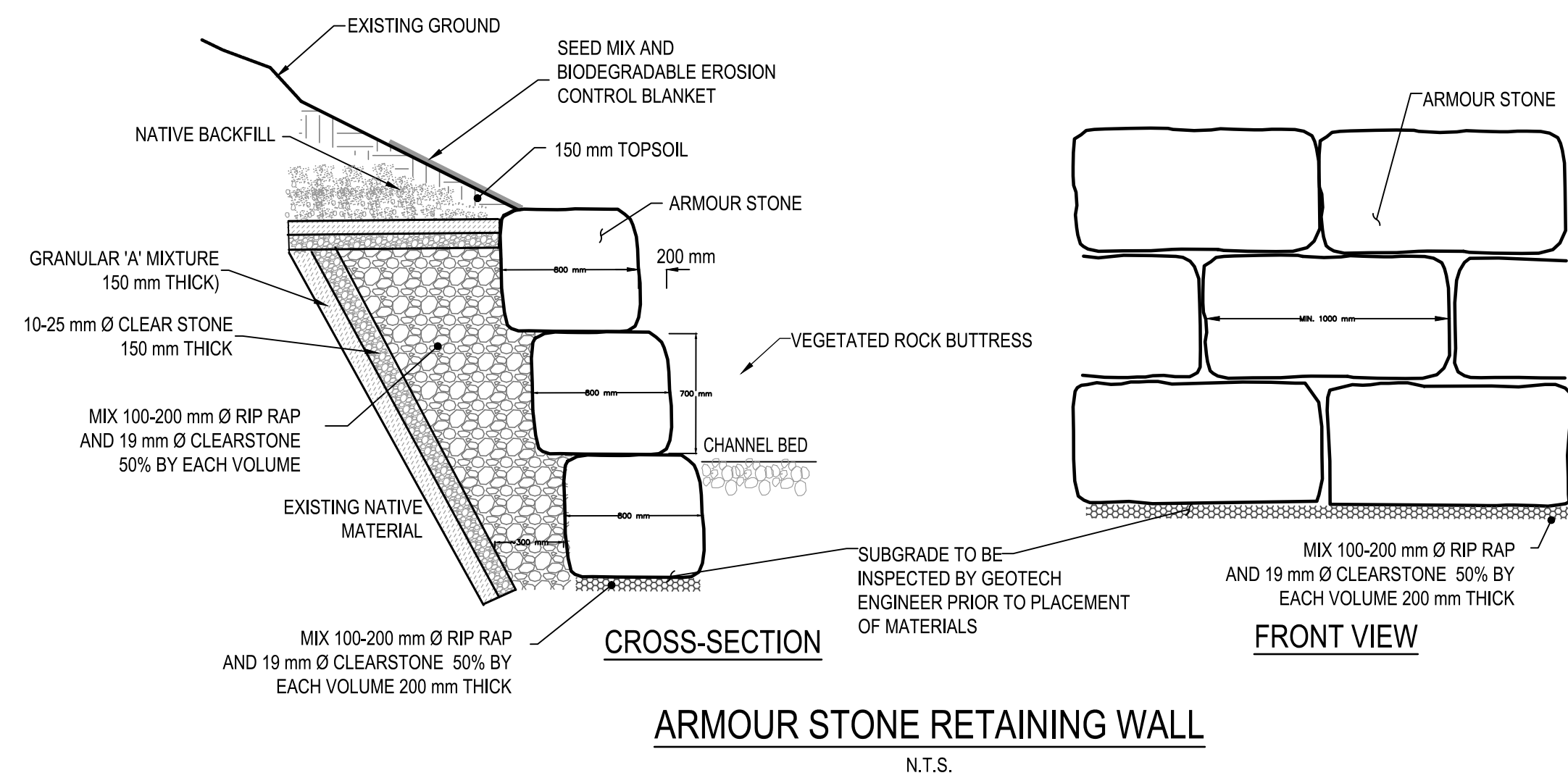
# **Appendix K**

**Concept Design Alternatives – A9**



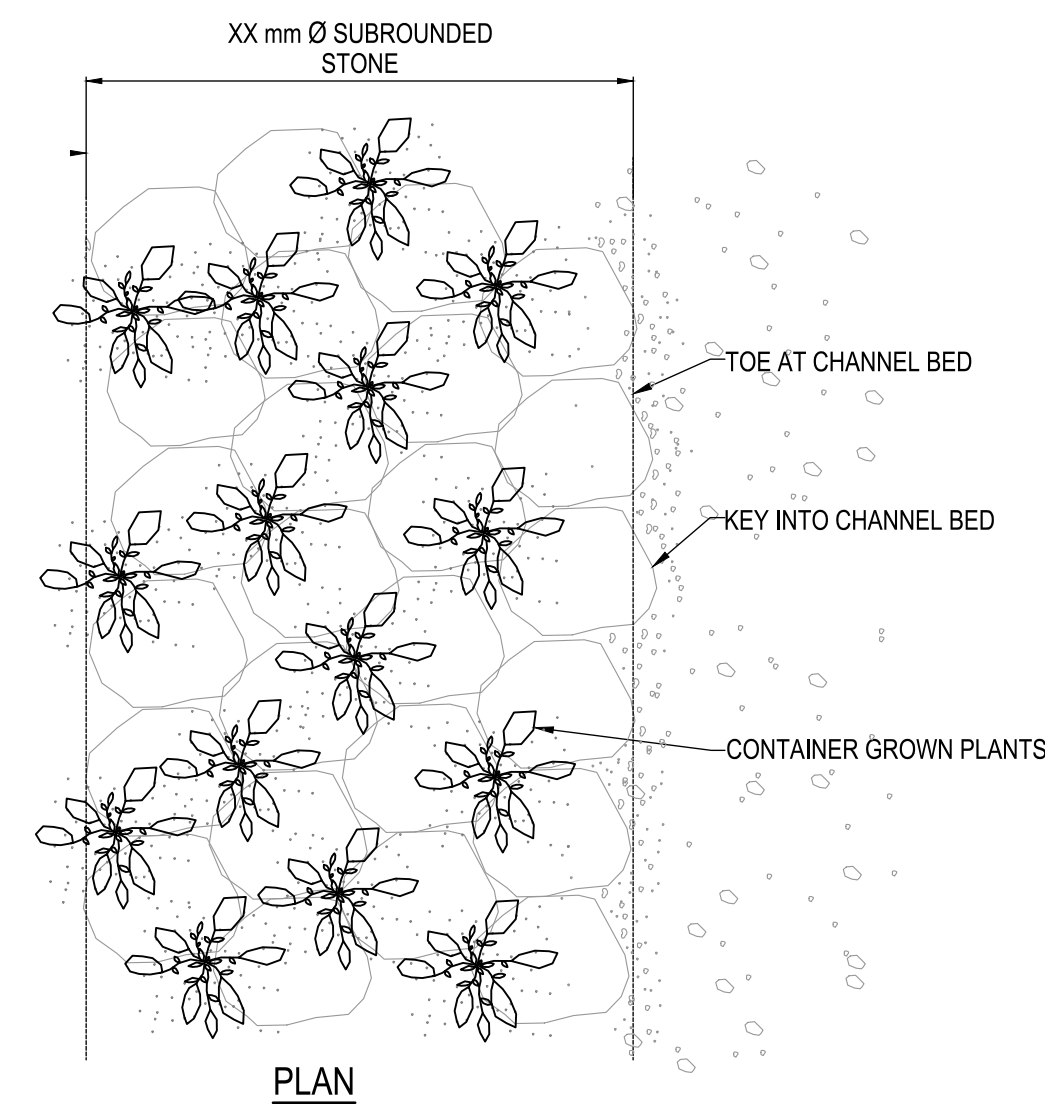
### ARMOURSTONE SPECIFICATIONS

1. INDIVIDUAL PIECES SHALL HAVE A MASS OF 1500-2000 kg.
2. STONE SHALL BE QUARRIED STONE, SOUND LIMESTONE (E.G., DOLOMITE) OR APPROVED EQUIVALENT.
3. STONES SHALL BE SELECTED ON THE BASIS OF THEIR RECTANGULAR CLEAVAGE (TO FACILITATE ASSEMBLY IN THE DESIRED SHAPE), SOUNDNESS AND MASS.
4. STONES SHALL BE CLEAN, HARD AND OF A TYPE THAT DOES NOT DETERIORATE WHEN EXPOSED TO WATER, AND WHICH WILL WITHSTAND CYCLES OF WETTING, DRYING, FREEZING AND THAWING.



### CONSTRUCTION NOTES

1. CONSTRUCT VEGETATED ROCK BUTTRESS IN LIFTS.
2. LARGER STONES SHALL BE PLACED IN THE LOWER LAYER.
3. NUMBER OF LIFTS DEPENDENT ON BANK HEIGHT, SLOPE AND STONE SIZE.
4. TOE STONES MUST BE KEYED INTO CHANNEL BED.
5. LOWEST PLANT LAYER TO BE AT LOW WATER LEVEL.
6. PLANTS TO BE INSTALLED A MAXIMUM OF ONE METRE APART HORIZONTALLY IN EACH LIFT. SPECIES ARRANGEMENT TO BE RANDOM. PLANT PLACEMENT SHALL BE STAGGERED SUCH THAT THEY ARE NOT VERTICALLY ALIGNED.



### VEGETATED ROCK BUTTRESS

N.T.S.



CITY OF TORONTO  
YELLOW CREEK GEOMORPHIC SYSTEM  
MASTER PLAN  
POTENTIAL BED AND BANK  
TREATMENTS

Project No. 11209954  
Report No. A9  
Date 2023-09-07