Engineering

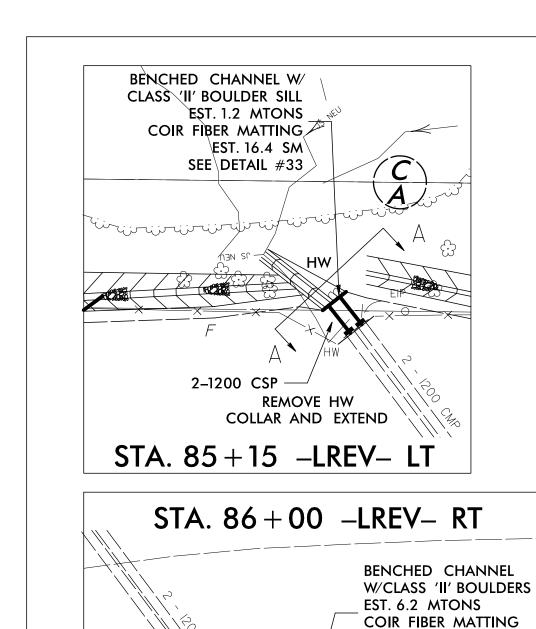
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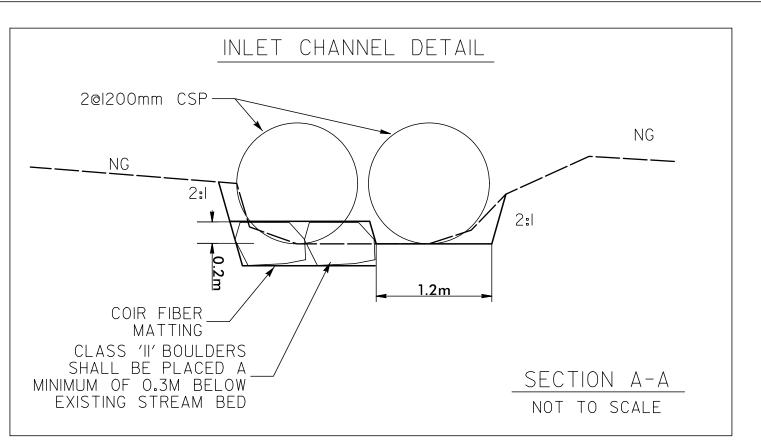
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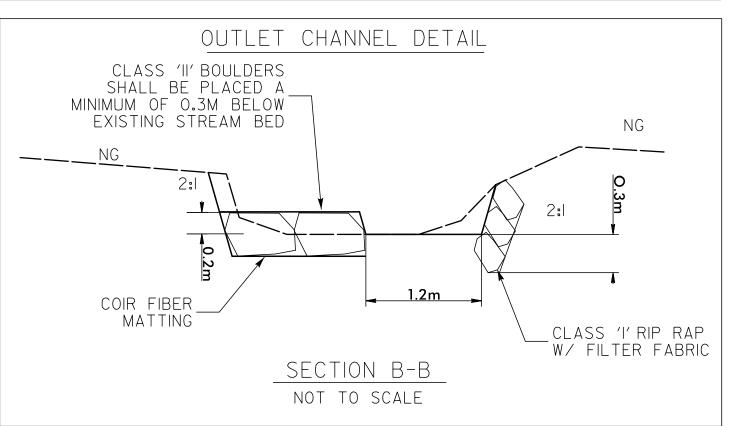


## INLET/OUTLET CHANNEL IMPROVEMENT DETAIL



CLASS 'I' RIP RAP EST. 6.2 MTONS —— EST. 12.0 SM FF EST. 25.0 SM SEE DETAIL #33





## DETAIL #33

## NOTES:

I. A BENCH 0.2m ABOVE THE BED SHALL BE ARMORED WITH BOULDERS AS SHOWN ON THE PLAN VIEW. THE DEPTH OF ARMOR PROTECTION SHOULD EXTEND A MINIMUM OF 0.3M BELOW THE STREAM BED AND LINED WITH COIR FIBER MATTING.

2. DIMENSIONS AND SLOPES MAY BE ADJUSTED TO FIT BY THE ENGINEER.

3. EDGE ARMOR CAN BE NATURAL STREAM BOULDERS OR EXTRACTED FROM CLASS IIRIPRAP OR SHOT ROCK MATERIAL AND CAN BE CUBICAL OR RECTANGULAR IN NATURE.

4. ACCEPTABLE BOULDERS FOR THE EDGE ARMOR SHALL HAVE THE FOLLOWING APPROXIMATE

DIMENSIONS; 0.9m × 0.6m × 0.3m.
UNSUITABLE EDGE ARMOR MATERIAL THAT REMAINS
FROM CLASS IIRIP RAP OR SHOT ROCK STORES,
MAY BE USED IN BACK FILL OF THE OVER BANK
AREA OR DISCARDED.

5. COIR FIBER MATTING SHALL EXTEND FROM THE BOTTOM OF THE FOOTER BOULDERS AND ACROSS THE BENCHED AREA TO PREVENT WASHOUT OF SEDIMENT THROUGH BOULDER GAPS.