PROJECT REFERENCE NO. SHEET

B-3157

2-N

HYDRAULICS
ENGINEER

CARO

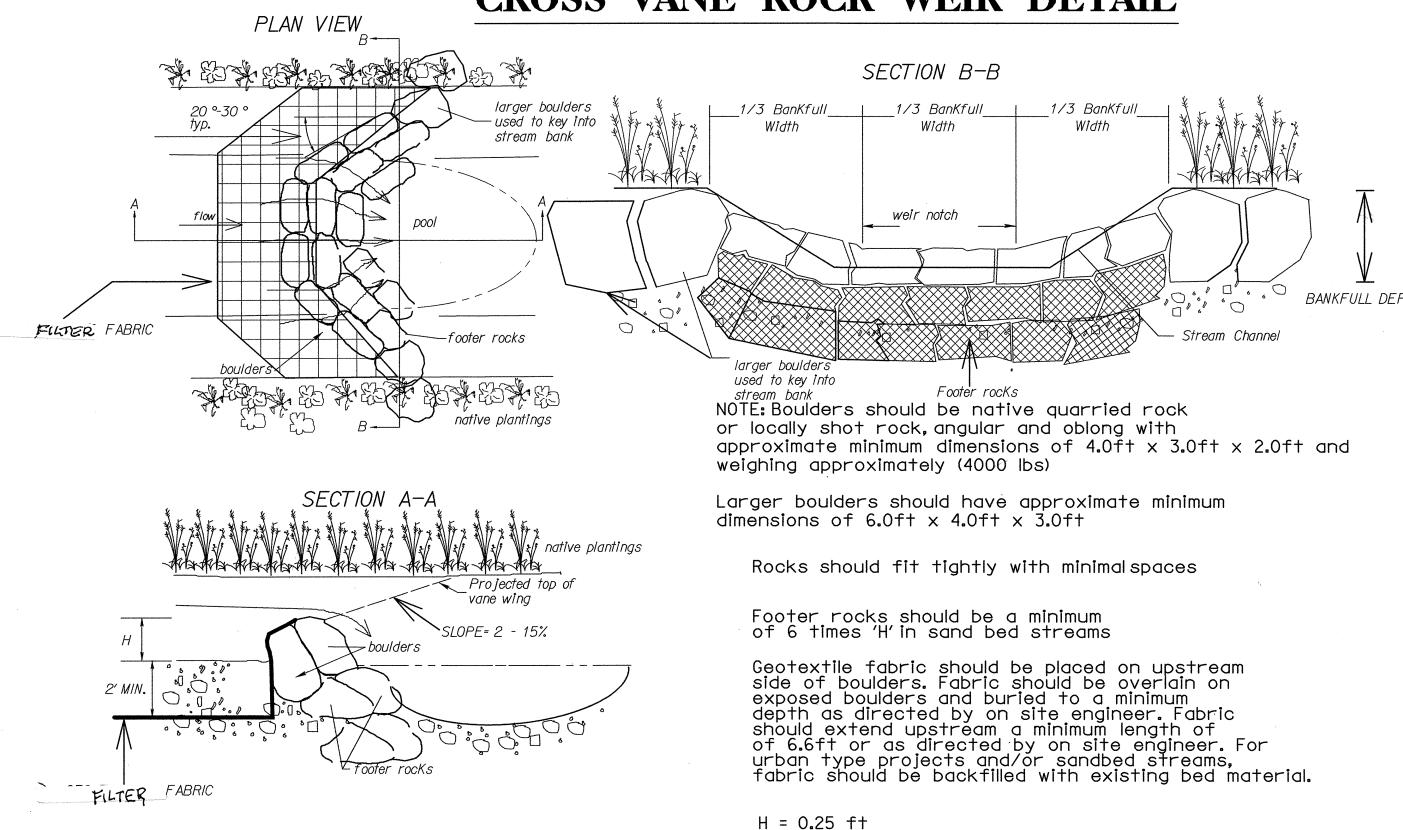
CAR

BS1-1918 (FAX) MULKEYING.COM

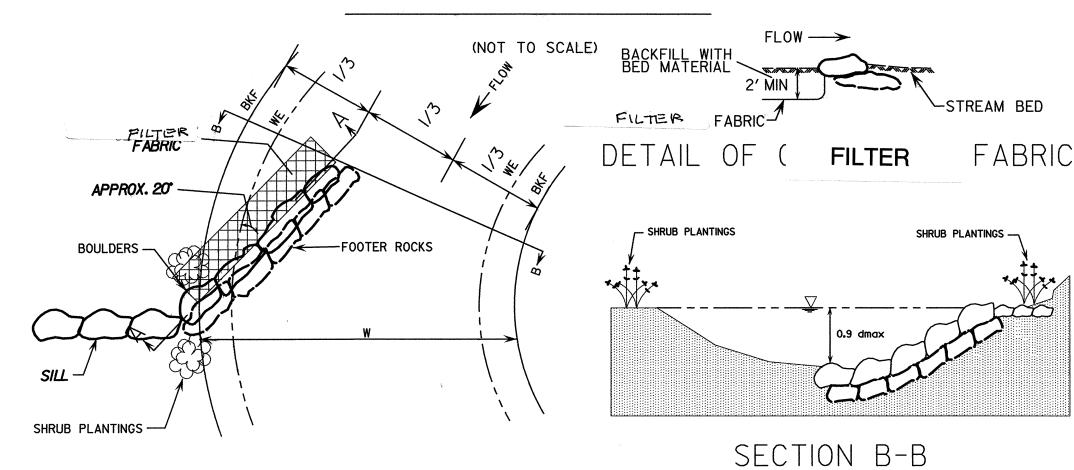
NATURAL CHANNEL DESIGN TYPICALS NOT TO SCALE

CROSS VANE ROCK WEIR DETAIL

CROSS VANE TYPICAL



ROCK VANE



NOTE: Boulders should be native quarried rock or locally shot rock, angular and oblong with approximate minimum dimensions of 4' x 3' x 2' and weighing approximately (4000 lb)

Larger boulders should have approximate minimum dimensions of 6' x 4' x 3'

Rocks should fit tightly with minimal spaces

Footer rocks should be a minimum of 6 times 'H' in sand bed streams

Geotextile fabric should be placed on upstream side of boulders. Fabric should be overlain on exposed boulders and buried to a minimum depth as directed by on site engineer. Fabric should extend upstream a minimum length of of 2 m or as directed by on site engineer. For urban type projects and/or sandbed streams, fabric should be backfilled with existing bed material.

SECTION A-A

SHRUB PLANTINGS -

H = 0.25 FT.

ROCK VANE TYPICAL