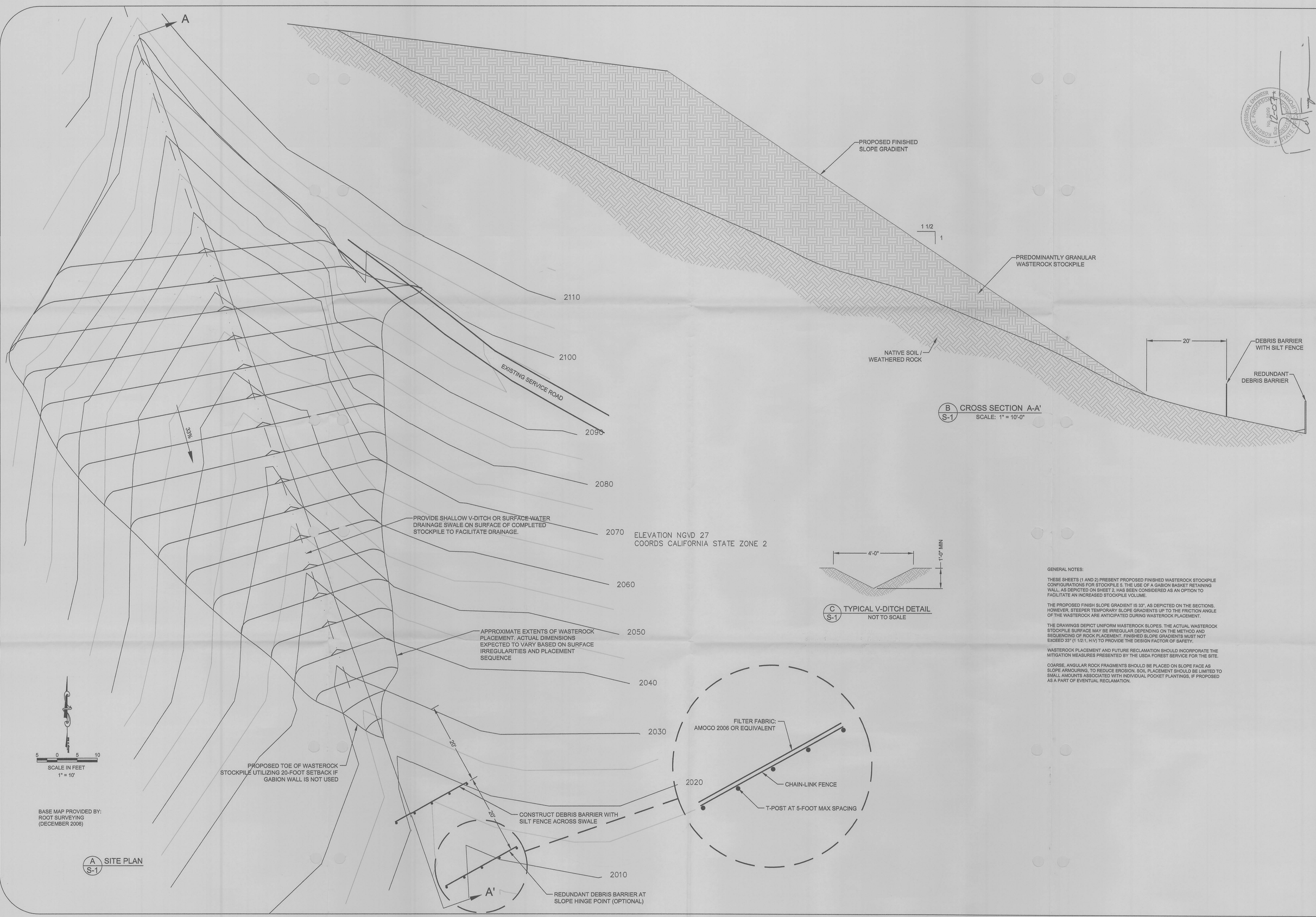

B S-1 CROSS SECTION A-A'
SCALE: 1" = 10'-0"

C S-1 TYPICAL V-DITCH DETAIL
NOT TO SCALE

A S-1 SITE PLAN

BASE MAP PROVIDED BY:
ROOT SURVEYING
(DECEMBER 2006)

GENERAL NOTES:

THESE SHEETS (1 AND 2) PRESENT PROPOSED FINISHED WASTEROCK STOCKPILE CONFIGURATIONS FOR STOCKPILE 5. THE USE OF A GABION BASKET RETAINING WALL, AS DEPICTED ON SHEET 2, HAS BEEN CONSIDERED AS AN OPTION TO FACILITATE AN INCREASED STOCKPILE VOLUME.

THE PROPOSED FINISH SLOPE GRADIENT IS 33°, AS DEPICTED ON THE SECTIONS. HOWEVER, STEEPER TEMPORARY SLOPE GRADIENTS UP TO THE FRICTION ANGLE OF THE WASTEROCK ARE ANTICIPATED DURING WASTEROCK PLACEMENT.

THE DRAWINGS DEPICT UNIFORM WASTEROCK SLOPES. THE ACTUAL WASTEROCK STOCKPILE SURFACE MAY BE IRREGULAR DEPENDING ON THE METHOD AND SEQUENCING OF ROCK PLACEMENT. FINISHED SLOPE GRADIENTS MUST NOT EXCEED 33° (1 1/2:1, H:V) TO PROVIDE THE DESIGN FACTOR OF SAFETY.

WASTEROCK PLACEMENT AND FUTURE RECLAMATION SHOULD INCORPORATE THE MITIGATION MEASURES PRESENTED BY THE USDA FOREST SERVICE FOR THE SITE.

COARSE, ANGULAR ROCK FRAGMENTS SHOULD BE PLACED ON SLOPE FACE AS SLOPE ARMOURING, TO REDUCE EROSION. SOIL PLACEMENT SHOULD BE LIMITED TO SMALL AMOUNTS ASSOCIATED WITH INDIVIDUAL POCKET PLANTINGS, IF PROPOSED AS A PART OF EVENTUAL RECLAMATION.

REGISTERED PROFESSIONAL ENGINEER ROBERT E. FINGERSON No. 2096 12-07 STATE OF CALIFORNIA

NO.	REVISIONS	DATE

DESIGNED BY: REF
DRAWN BY: DFD
DATE: JANUARY 2007
DRAWING NAME: 2890-01-TOPO
PROJECT No.: 2890-01

SITE PLAN FOR
BIG SEAM AND RED INK MINING CLAIM
FORESTHILL, CALIFORNIA

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