EARTHWORK PLAN

Figure C-1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

NEW CHANNEL

TEMP BYPASS CHANNEL

APPROXIMATE LIMITS

MAJOR EARTHWORK-EXCAVATION AND/OR FILL ACTIVITY

MINOR EARTHWORK-SCARIFICATION FOR REVEGETATION

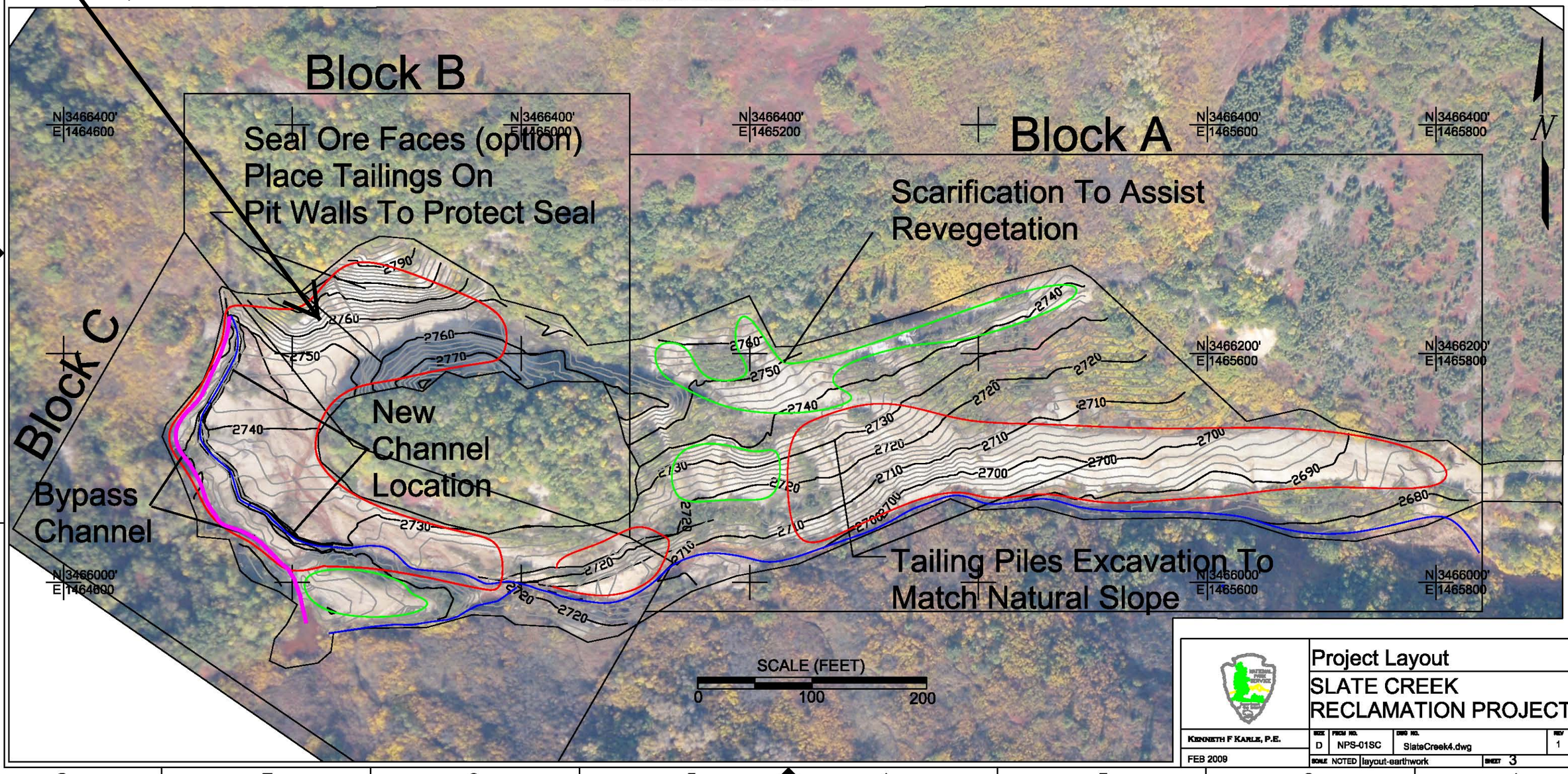
BLOCK A
APPROXIMATELY 2,000 CUBIC YARDS OF MAIN TAILING PILES WILL BE EXCAVATED FROM THE HILLSIDE AND SLATE CREEK FLOODPLAIN, AND PLACED BACK INTO THE MAIN PIT. ADDITIONAL AREAS WILL BE SCARIFIED TO ASSIST WITH REVEGETATION EFFORTS. EXTENSIVE EROSION CONTROL METHODS WILL BE USED ON ALL SLOPES. SEE SHEETS 22 AND 23.

BLOCK B
MAIN PIT AREA. OPTION 1-THE 4 STIBNITE ORE FACES WILL BE SEALED WITH AN IMPERMEABLE POLYURETHANE WATERPROOF CAP. MATERIAL FROM THE TAILING PILE WILL BE PLACED ON THE PIT WALLS TO PROTECT THE CAP AND REDUCE THE WALL SLOPES TO 1.5H:1V OR LESS.

BLOCK C
LOWER PIT AREA. THE EXISTING CHANNEL WILL BE RE-ROUTED AWAY FROM THE MAIN PIT THROUGH EXTENSIVE RECONTOURING OF THE PIT AREA. BIO-ENGINEERED AND TRADITIONAL HARD TECHNIQUES FOR BANK EROSION PROTECTION WILL BE USED TO MAINTAIN NEW CHANNEL INTEGRITY. A TEMPORARY BYPASS CHANNEL WILL BE USED TO CARRY NORTH FORK DISCHARGE DURING EARTHWORK AND CHANNEL CONSTRUCTION. DEBRIS PILES WILL BE REMOVED. EXTENSIVE REVEGETATION METHODS, INCLUDING WILLOW CUTTINGS AND ANNUAL RYEGRASS, WILL BE PLANTED FOLLOWING EARTHWORK AND SCARIFICATION.

Compensation Area

CONTOUR LINES EVERY 2 FEET



KENNETH F KARLE, P.E.	Project Layout
	SLATE CREEK RECLAMATION PROJECT
FEB 2009	SIZE D; FSCM NO. NPS-01SC; DWG NO. SlateCreek4.dwg; REV 1; SCALE NOTED; layout-earthwork; SHEET 3