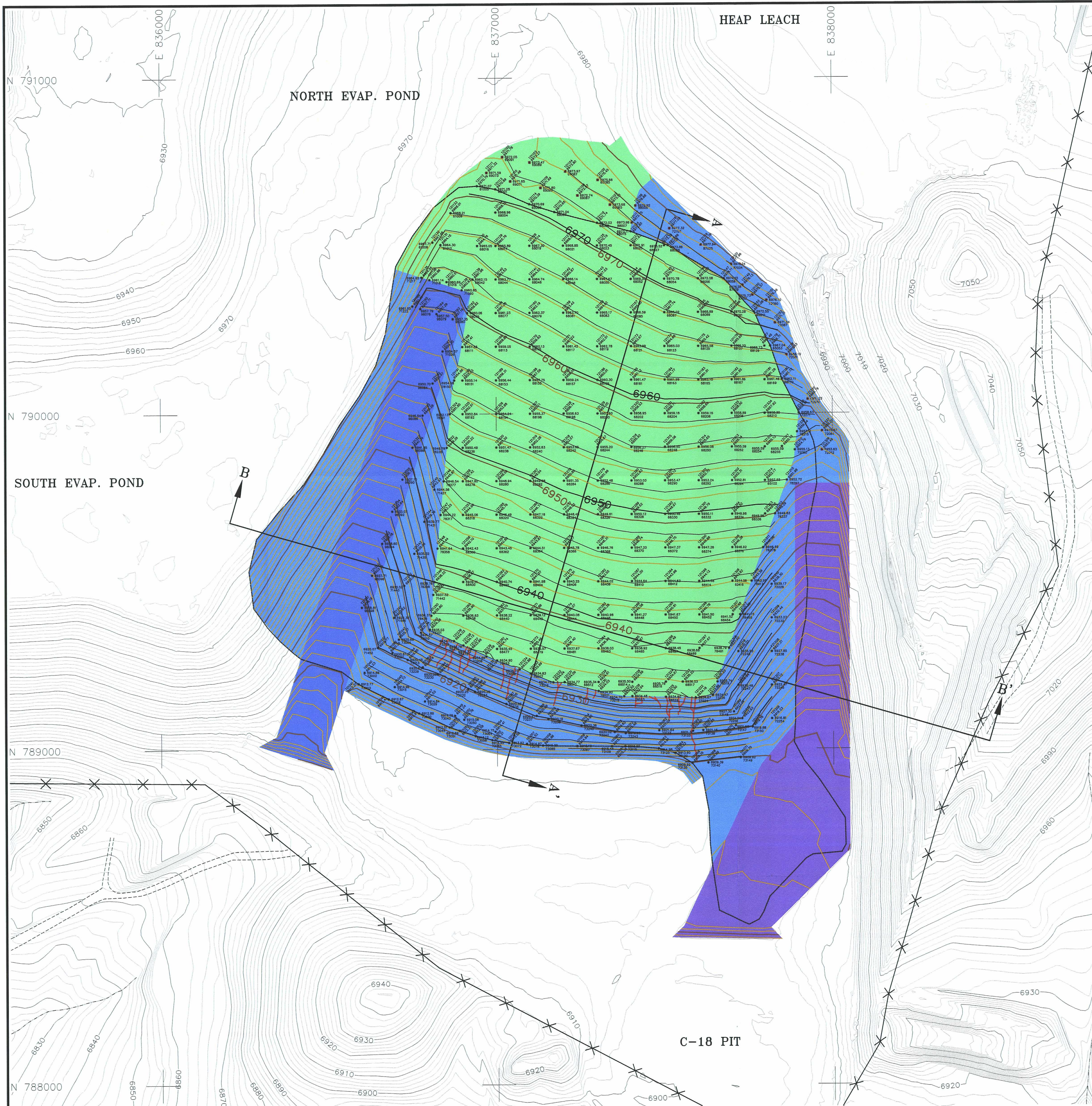
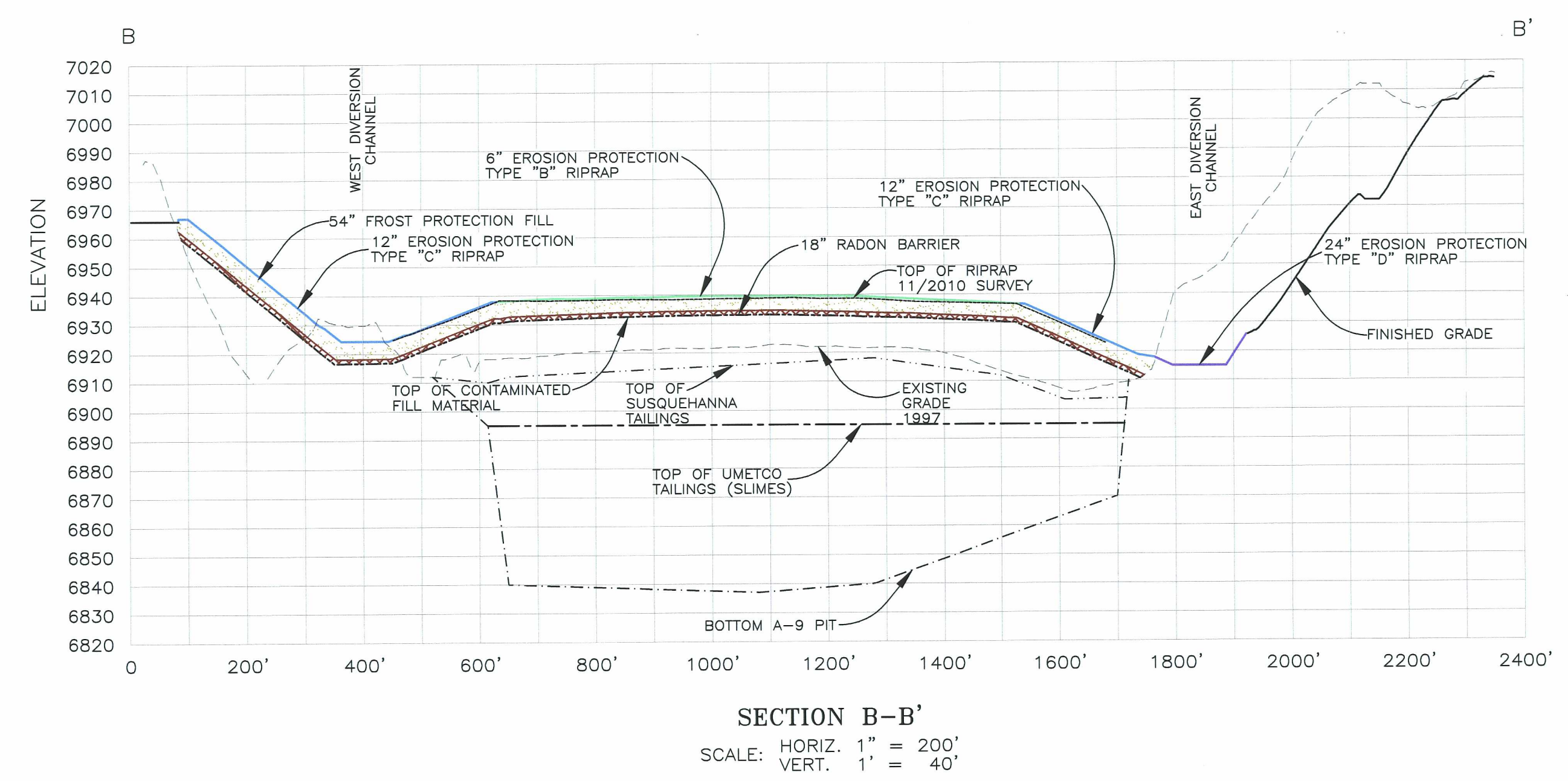
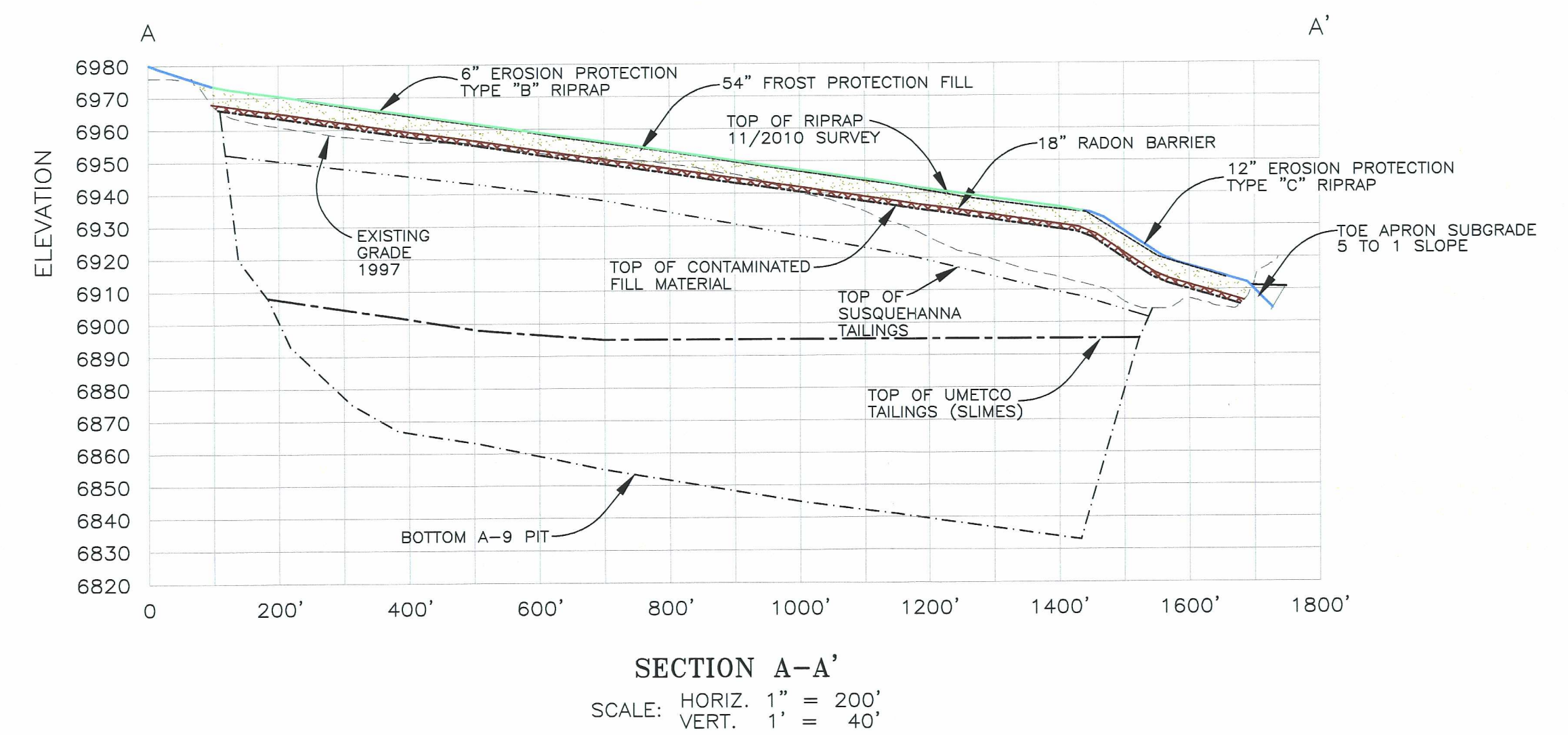




LEGEND:

- 2000 AERIAL TOPOGRAPHY
UPDATED WITH 2006 SURVEYS
 - DRAINAGE PATH/PONDED WATER
 - UN-PAVED ROADS
 - UMETCO 1000' SITE GRID
 - FINISH GRADE TOPOGRAPHY
OF THE A-9 REPOSITORY EROSION
PROTECTION LAYER
 - EXISTING SITE RESTRICTED
AREA FENCE
 - RIPRAP SURVEY
VERIFICATION POINT
HORIZONTAL ELEVATION =
AS BUILT VERIFICATION SURVEY
45 DEGREE ELEVATION =
11/2010 VERIFICATION SURVEY
 - LIMIT OF RADON BARRIER SOILS
 - FINISH GRADE TOPOGRAPHY
OF THE A-9 REPOSITORY EROSION
PROTECTION LAYER 11/2010
 - RILL FEATURES IN EXISTING TYPE
"C" RIPRAP
- EROSION PROTECTION
- 6-INCHES OF TYPE "B" RIPRAP
D₅₀ = 3.0 INCH
 - 12-INCHES OF TYPE "C" RIPRAP
D₅₀ = 6.0 INCH
 - 12-INCHES OF TYPE "C" RIPRAP
D₅₀ = 6.0 INCH
 - 12-INCHES OF TYPE "C" RIPRAP
WITH 6-INCHES OF TYPE "A" BEDDING
D₅₀ = 0.5 INCH
 - 24-INCHES OF TYPE "D" RIPRAP
D₅₀ = 16.0 INCH
WITH 6-INCHES OF TYPE "A" BEDDING
D₅₀ = 0.5 INCH
 - BELOW GRADE TOE APRON



PROFILE LEGEND:

- EXISTING GRADE 1997 AERIAL TOPOGRAPHY
- TOP OF UMETCO TAILINGS (SLIMES)
- TOP OF SUSQUEHANNA TAILINGS
- BOTTOM OF A-9 PIT
- TOP OF THE CONTAMINATED FILL
- 18" RADON BARRIER
- 54" FROST PROTECTION FILL
- FINISHED GRADING OUTSIDE REPOSITORY
- 6" EROSION PROTECTION
TYPE "A" BEDDING
- 6" EROSION PROTECTION
TYPE "B" RIPRAP
- 12" EROSION PROTECTION
TYPE "C" RIPRAP
- 24" EROSION PROTECTION
TYPE "D" RIPRAP
- EXISTING GRADE TOP OF RIPRAP
11/2010 SURVEY

Umetco Minerals Corporation
2754 COMPASS DRIVE, SUITE 280, GRAND JUNCTION, CO 81508

GAS HILLS, WYOMING

A-9 REPOSITORY
EVALUATION OF SETTLEMENT
SURVEY

DESIGN: T.E.G. DRAWN: R.W.Q. SHEET 4 OF 8
CHECKED BY: DATE: 12/2010
ENGINEERING APPROVAL: HS & EA APPROVAL:

NO.	DATE	REVISION - DESCRIPTION	BY	DWG:
				GH-A9-SET-2010

2004