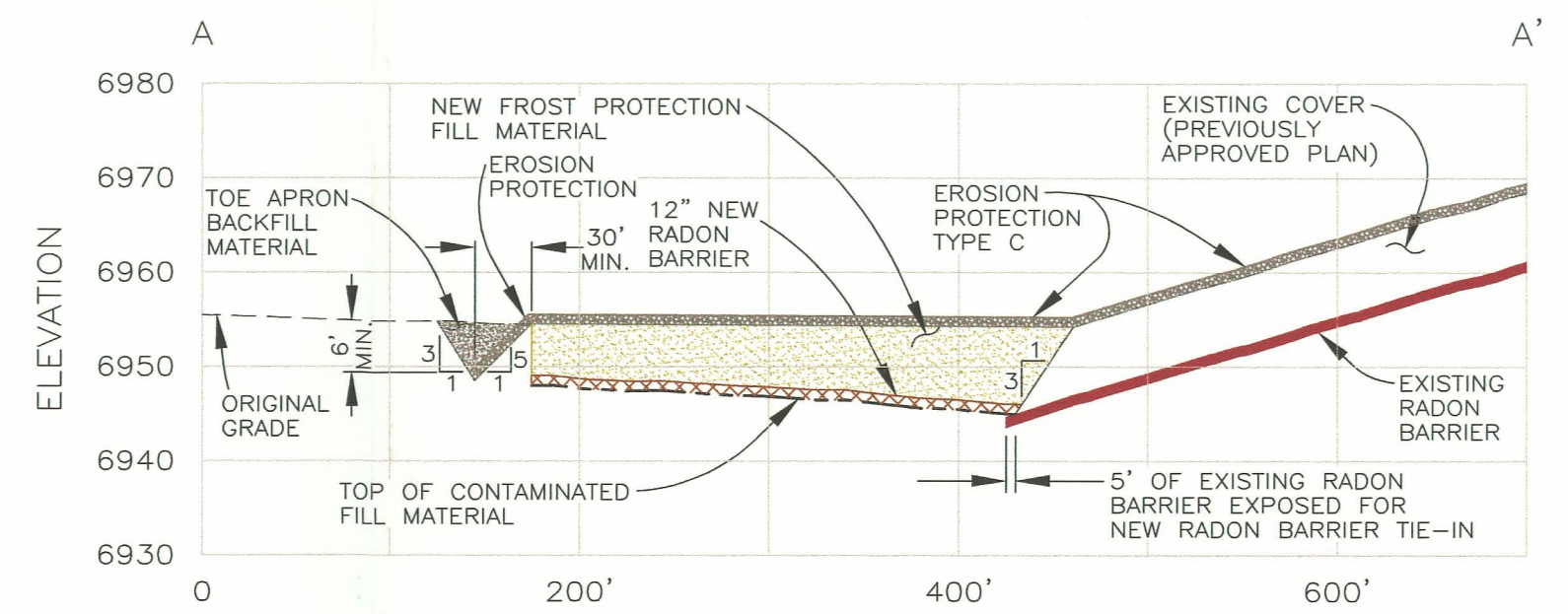


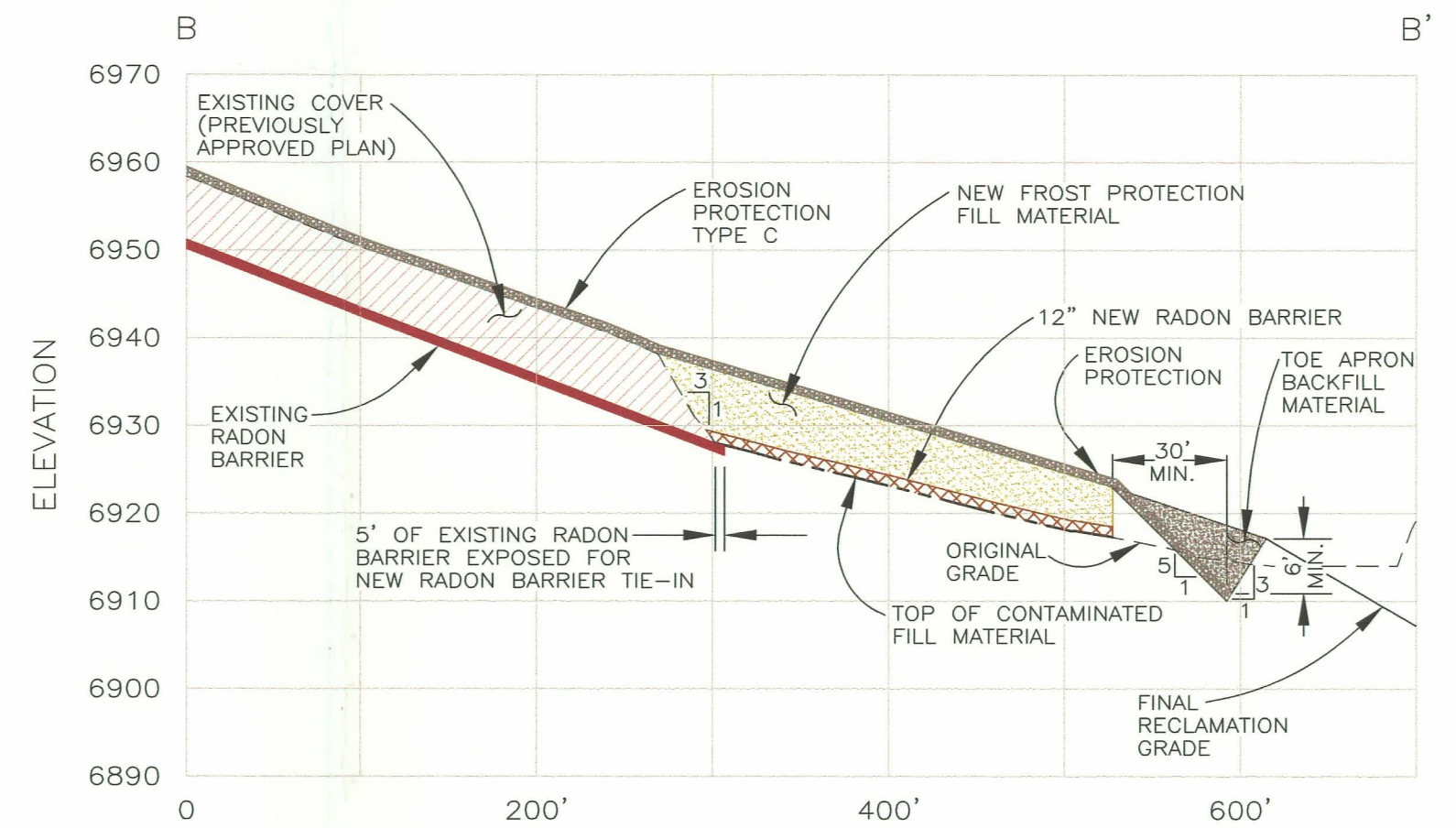
LEGEND:

- 2000 AERIAL TOPOGRAPHY UPDATED WITH 2002 SURVEYS
- DRAINAGE PATH/PONDED WATER
- UN-PAVED ROADS
- UMETCO 1000' SITE GRID
- FINISH GRADE TOPOGRAPHY ABOVE GRADE RIPRAP AND TOE APRON BACKFILL
- ABOVE GRADE RIPRAP PLACEMENT VERIFICATION POINT
- CARBIDE DRAW BURIED EROSION PROTECTION ROCK LAYER 12-INCHES OF TYPE "C" RIPRAP D₅₀ = 6.0 INCH

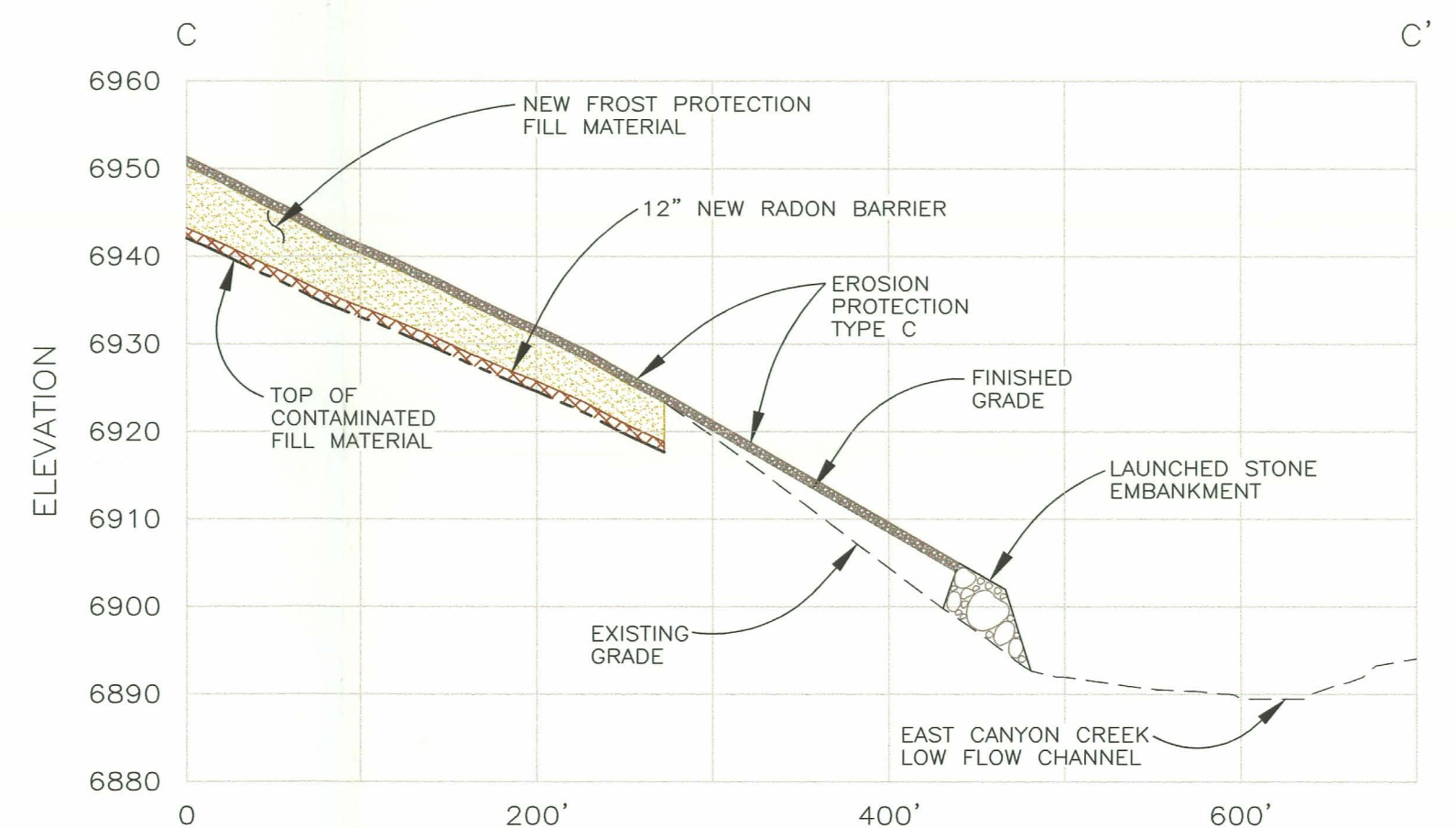
- 6-INCHES OF TYPE "A" RIPRAP D₅₀ = 0.5 INCH
- 6-INCHES OF TYPE "B" RIPRAP D₅₀ = 3.0 INCH
- 6-INCHES OF TYPE "B" RIPRAP BELOW GRADE TOE APRON
- 12-INCHES OF TYPE "C" RIPRAP D₅₀ = 6.0 INCH
- 12-INCHES OF TYPE "C" RIPRAP BELOW GRADE TOE APRON
- LAUNCHED STONE EMBANKMENT TYPE "E" D₅₀ = 30.0 INCH
- SCOUR APRON (22' WIDE & 6' DEEP) TYPE "E" D₅₀ = 30.0 INCH



SECTION A-A'
SCALE: HORIZ. 1" = 100'
VERT. 1" = 20'



SECTION B-B'
SCALE: HORIZ. 1" = 100'
VERT. 1" = 20'



SECTION C-C'
SCALE: HORIZ. 1" = 100'
VERT. 1" = 20'

PROFILE LEGEND:

- EXISTING GRADE 2002 TOPOGRAPHY
- EXISTING RADON BARRIER
- TOP OF THE CONTAMINATED FILL
- 12" NEW RADON BARRIER
- NEW FROST PROTECTION MATERIAL
- TOE APRON BACKFILL MATERIAL
- EROSION PROTECTION

Umetco Minerals Corporation
2754 COMPASS DRIVE, SUITE 280, GRAND JUNCTION, CO 81506

AS BUILT

**ABOVE-GRADE TAILINGS IMPOUNDMENT
DESIGN ENHANCEMENT
FINAL CONTOURS AND
SURVEY VERIFICATION POINTS
EROSION PROTECTION PLACEMENT**

GAS HILLS, WYOMING

DATE: JUNE 2007 DWG: GH-AG-14-AB

SHEET 14 OF 15

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