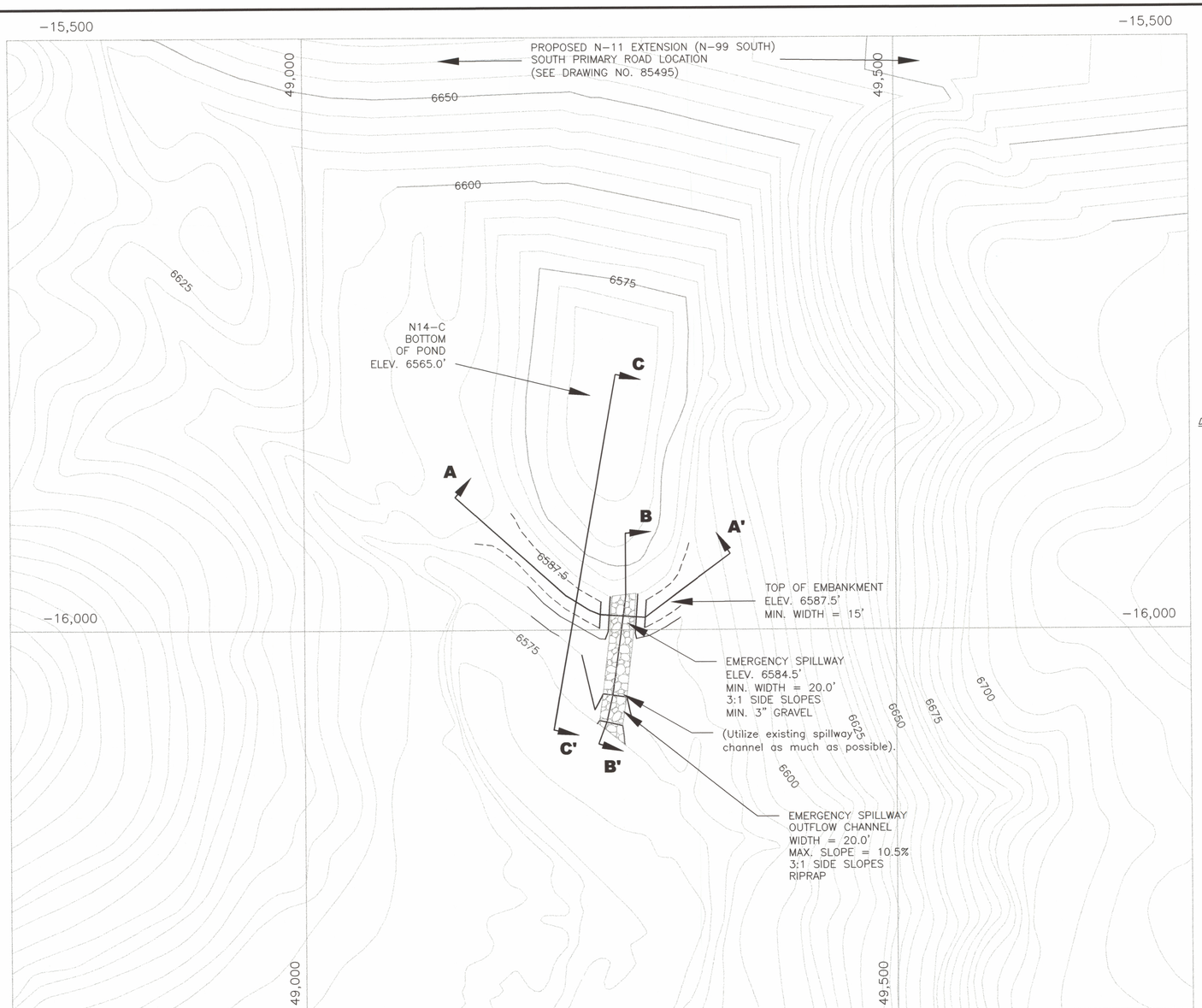
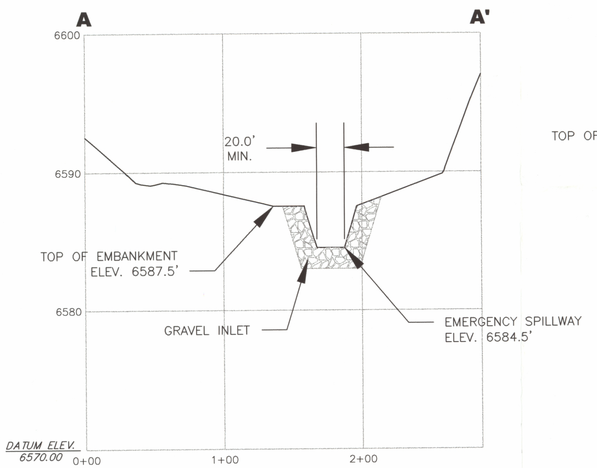
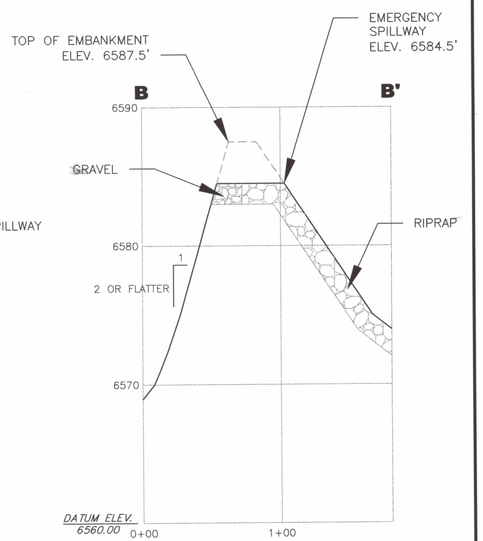




SECTION A–A'

N14–C POND

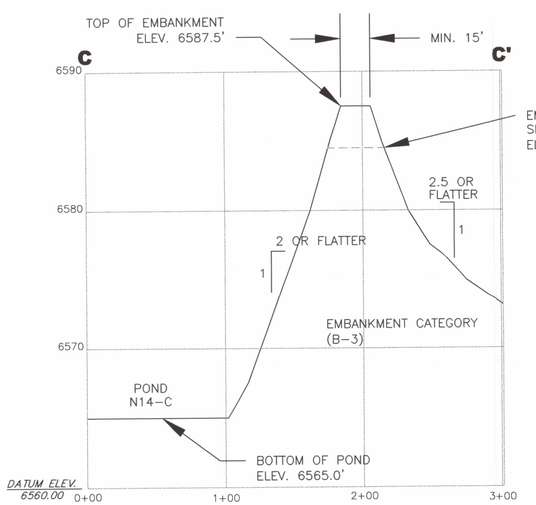
VERT. SCALE: 1" = 5'
HORIZ. SCALE: 1" = 50'



SECTION B–B'

N14–C POND

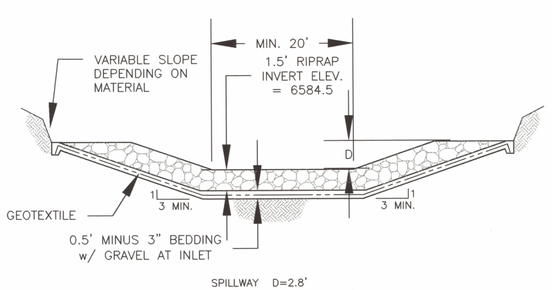
VERT. SCALE: 1" = 5'
HORIZ. SCALE: 1" = 50'



SECTION C–C'

N14–C POND

VERT. SCALE: 1" = 5'
HORIZ. SCALE: 1" = 50'



SECTION OF EMERGENCY SPILLWAY

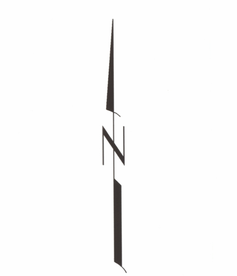
NOT TO SCALE

N14–C POND

N14–C POND STAGE CAPACITY TABLE

ELEVATION (ft–msl)	STAGE (ft)	AREA (acres)	TOTAL CAPACITY (ac–ft)	DESCRIPTION
6565.0	0.0	0.23	0.00	BOTTOM OF POND
6570.0	5.0	0.41	1.58	
6575.0	10.0	0.62	4.14	
6580.0	15.0	0.82	7.72	
6580.5	15.5	0.84	8.14	
6584.5	19.5	1.03	11.87	EMERGENCY SPILLWAY
6587.5	22.5	1.19	15.19	TOP OF EMBANKMENT

NOTE: INCISED ELEV. = 6576.0 (4.86 ac.–ft.)



PLAN VIEW

SCALE

50' 0 50' 100'

CONTOUR INTERVAL: 5 FT.

PHOTO DATE: 1995

DEC 2004
APPROVED

ENGINEER'S CERTIFICATION

JAMES G. SCHLENVOGT
Engineering & Reclamation Manager
Peabody Western Coal Company

ARIZONA P.E. 18782

Date: DEC 15 2003

REVISIONS		
DATE	CHK'D	DESCRIPTION

EXHIBIT #1

Proposed N14–C Sedimentation Pond – Remedial Design

KAYENTA MINE
PEABODY WESTERN COAL COMPANY
P.O. BOX 650 KAYENTA ARIZONA, 86033

DESIGNED BY: PWCC	AS SHOWN
DRAWN BY: MWH	DRAWING DATE: 12–15–2003
CHECKED BY: J.G.S.	PHOTO DATE: 1995
CONTOUR INT.: 5'	070103 N14–C Pond.dwg
KAYFP1	