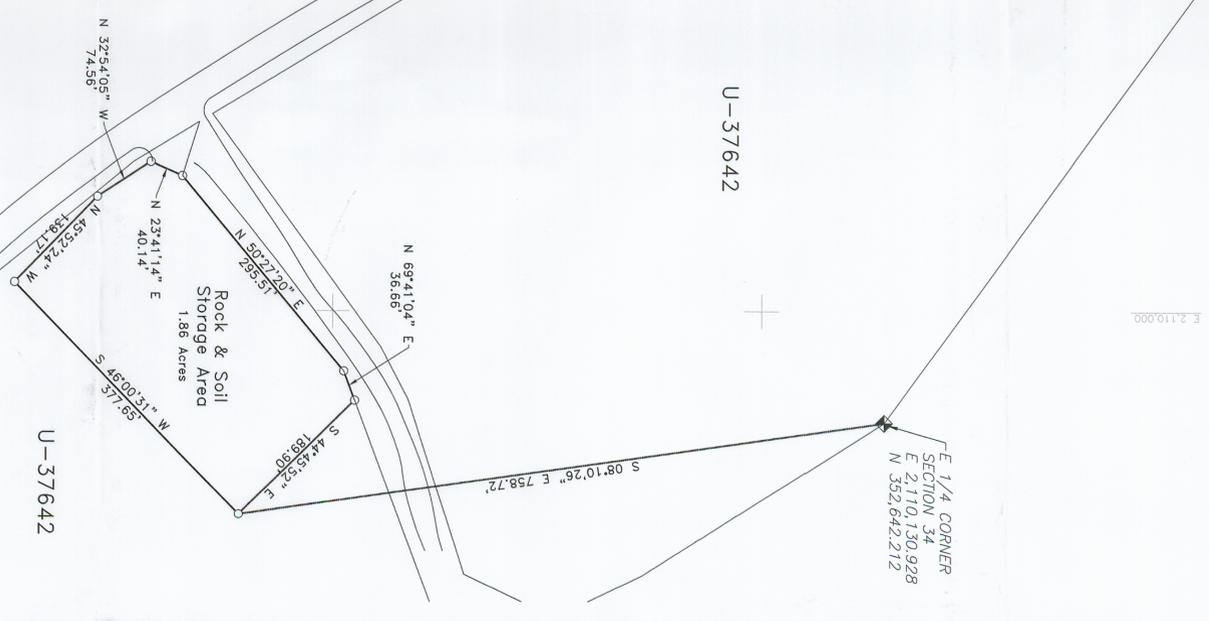
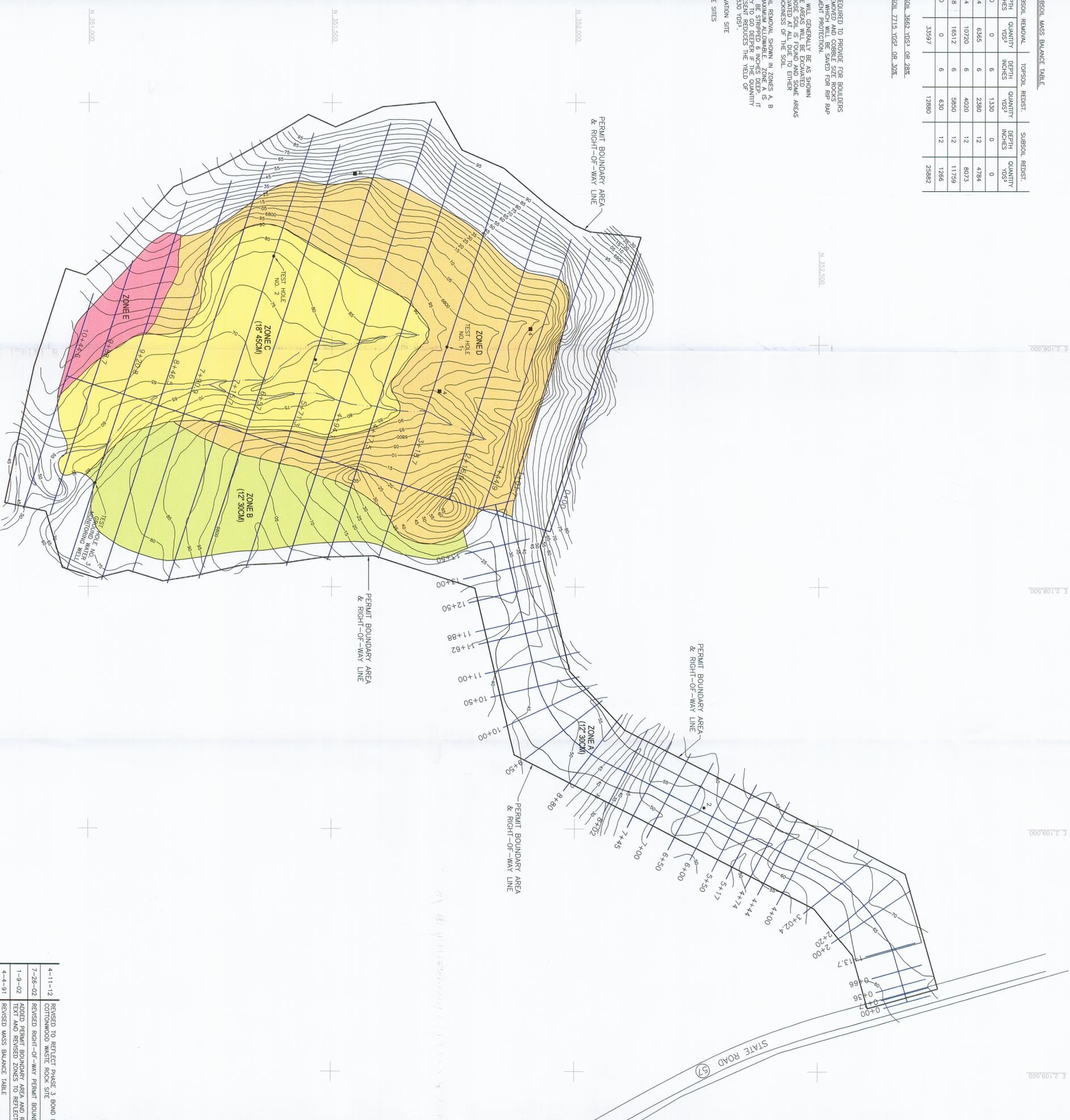


ZONE	AREA ACRES	TOPSOIL REMOVAL		SUBSOIL REMOVAL		TOPSOIL REDIST.		SUBSOIL REDIST.	
		DEPTH INCHES	QUANTITY YDS ³						
A	1.6	6	1330	0	0	6	1330	0	0
B	2.95	9	4492	24	6365	6	2380	12	4784
C	4.98	18	12050	24	10720	6	4020	12	8073
D	7.25	0	0	28	16512	6	5950	12	11759
E	.78	0	0	0	0	6	630	12	1266
SUB TOTAL B.C.D.F.			16542		33997		12880		25882

EXCESS TOPSOIL 3662 YDS³ OR 28%
EXCESS SUBSOIL 7715 YDS³ OR 30%

- NOTES
- EXCESS SOIL IS REQUIRED TO PROVIDE FOR Boulders WHICH WILL BE REMOVED AND COBBLE SIZE ROCKS (3 TO 12 INCHES) WHICH WILL BE SAVED FOR RIP RAP AND DRAIN ENHANCEMENT PROTECTION.
 - SUBSOIL REMOVAL WILL GENERALLY BE AS SHOWN DEEPER WHERE LOOSE SOIL IS FOUND AND SOME AREAS MAY NOT BE EXCAVATED AT ALL DUE TO EITHER STEEPNESS OR ROCKINESS OF THE SOIL.
 - DEPTH OF TOPSOIL REMOVAL SHOWN IN ZONES A, B AND C ARE THE MAXIMUM ALLOWABLE DEPTHS. DEPTHS MAY BE NECESSARY TO GO DEEPER IF THE QUANTITY OF Boulders PRESENT REDUCES THE YIELD OF TOPSOIL BELOW 1330 YDS³.
- SOIL PEDON EXCAVATION SITE
 - COMPOSITE SAMPLE SITES



DATE	REVISIONS	BY	CHK
4-11-12	REVISED TO REFLECT PHASE 3 BOND RELEASE OF THE COTTONWOOD WASTE ROCK SITE	KLL	
7-26-02	REVISED RIGHT-OF-WAY PERMIT BOUNDARY	KLL	
1-9-02	ADDED PERMIT BOUNDARY AREA AND RIGHT-OF-WAY LINES AND TEXT AND REVISED ZONES TO REFLECT DISTURBED AREA	KLL	
4-4-91	REVISED MASS BALANCE TABLE	KLL	
5-4-90	ADDED ZONES, MASS BALANCE TABLE AND SOIL SAMPLE LOCATIONS	KLL	
9-22-89	REVISED NOTATION ON TEST HOLE NO. 3	KLL	

RECEIVED
JUN 01 2012
DIV OF OIL GAS & MINING

CONTOUR INTERVAL 5'
GRID FILE NAME/DRAWING: C010831WB
7-2



ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

COTTONWOOD/WILBERG COAL MINE
WASTE ROCK STORAGE FACILITY

TOPSOIL STRIPPING MAP WITH MASS BALANCE TABLES

K. LARSEN
DRAWING # CM-10831-WB
SCALE 1" = 100'

APRIL 11, 2012 SHEET 1 OF 1

DATE: 04/11/2012
DRAWING: CM-10831-WB