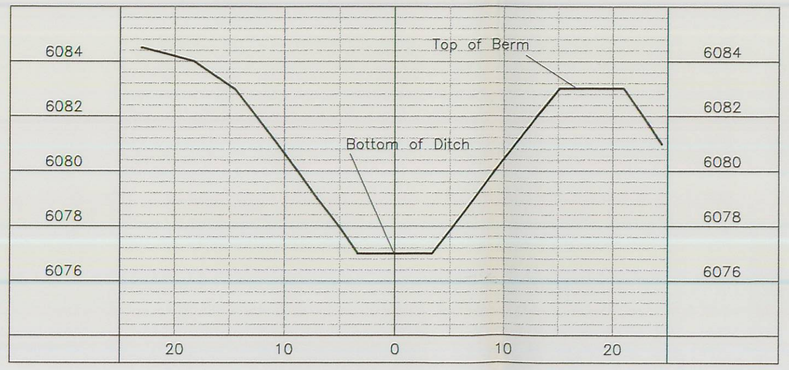
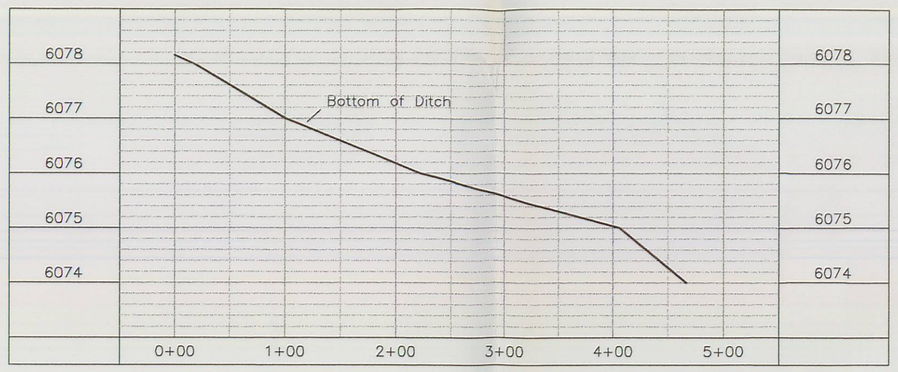
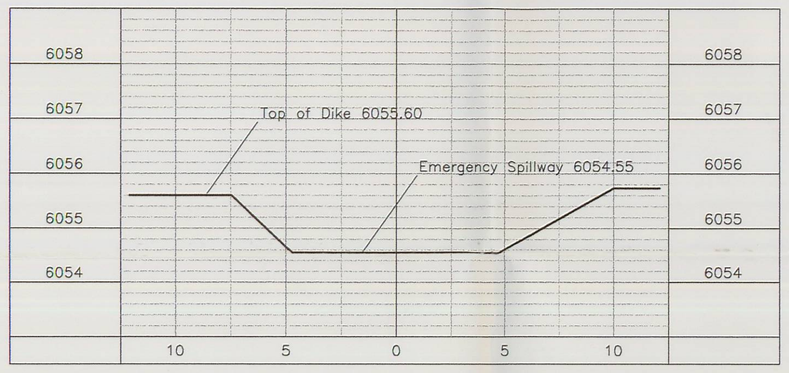


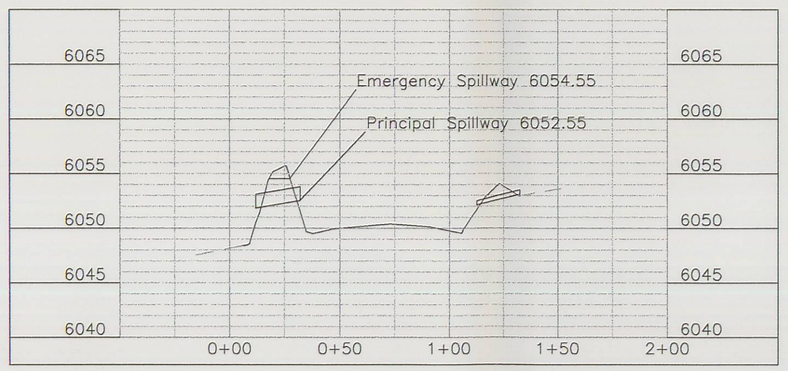
BY-PASS DITCH SECTION



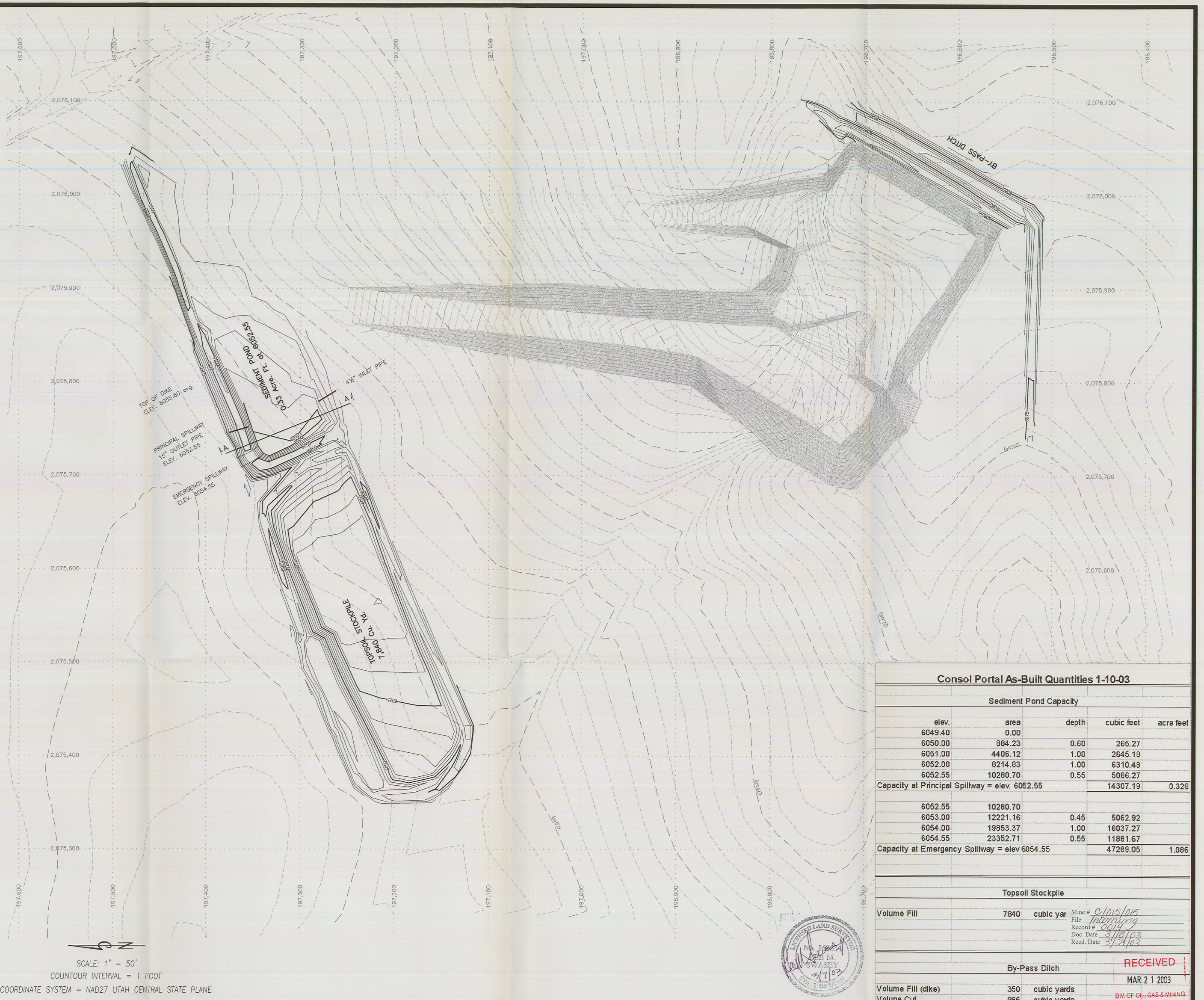
BY-PASS DITCH PROFILE



EMERGENCY SPILLWAY SECTION



SECTION A-A



SCALE: 1" = 50'
COUNTOUR INTERVAL = 1 FOOT
COORDINATE SYSTEM = NAD27 UTAH CENTRAL STATE PLANE

Consol Portal As-Built Quantities 1-10-03

Sediment Pond Capacity

elev.	area	depth	cubic feet	acre feet
6049.40	0.00			
6050.00	884.23	0.60	265.27	
6051.00	4406.12	1.00	2645.18	
6052.00	8214.83	1.00	6310.48	
6052.55	10280.70	0.55	5086.27	
Capacity at Principal Spillway = elev. 6052.55			14307.19	0.328
6052.55	10280.70			
6053.00	12221.16	0.45	5062.92	
6054.00	19853.37	1.00	16037.27	
6054.55	23352.71	0.55	11881.67	
Capacity at Emergency Spillway = elev 6054.55			47289.05	1.086

Topsoil Stockpile

Volume Fill	7840	cubic yar

Mine # C/015/015
File Intermining
Record # 0014
Doc. Date 3/18/03
Recd. Date 3/21/03

By-Pass Ditch

Volume Fill (dike)	350	cubic yards
Volune Cut	985	cubic yards

RECEIVED
MAR 2 1 2003
DIV. OF OIL, GAS & MINING

LICENSED LAND SURVEYOR
No. 1686
ARE M. SWASEY
3/7/03
STATE OF UTAH

DESIGNED			CHECKED		
DRAWN	LMS	1-03	CHECKED	HRT	1-03
SURVEYED	BHT	1-03	CHECKED	LMS	1-03
R.O.W.			CHECKED		

PLOT : 1=1

NO.	REVISIONS	BY
1	added: spillway section, by-pass ditch profile and section 3/7/03	LMS

CONSOLIDATION COAL COMPANY
EMERY, UTAH
NEW PORTAL SITE

johansen & tuttle engineering inc.
BOX 487, CASTLE DALE, UTAH 84513, (435) 381-2523, FAX 381-2522, email jt @ etv.net

SEDIMENT POND, TOPSOIL AND BYPASS DITCH AS-BUILTS

PROJECT NO.

PLATE VI - 20A