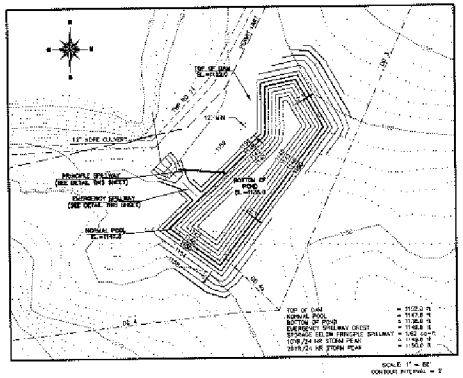
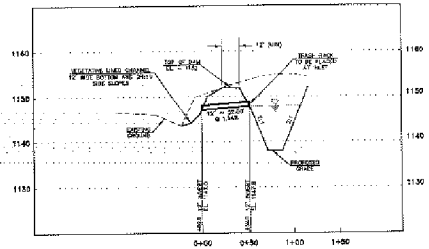
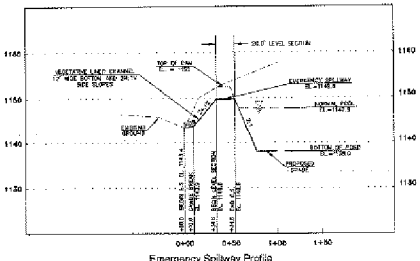
POND 15





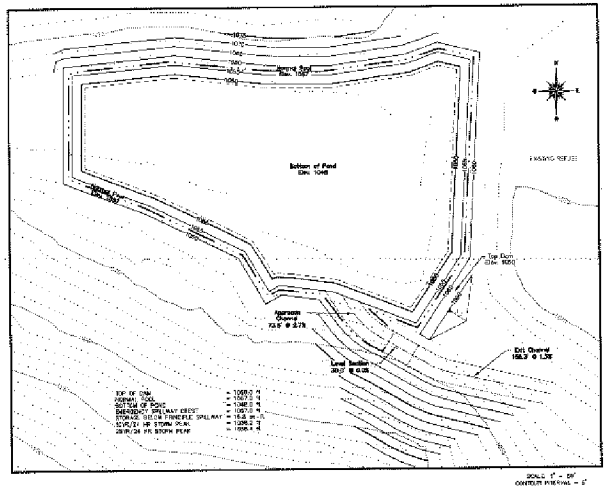
Principle Spillway Profile

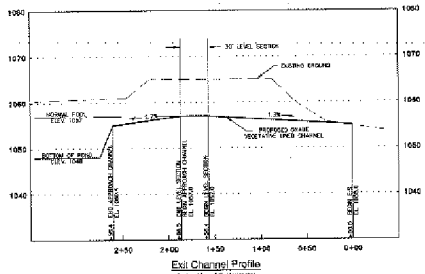


Emergency Spillway Profile

Channel	Slope	25yr/24hr Discharge	Min. Flow Depth	Max. Velocity	Channel Lining
EMERGENCY SPILLWAY	4.1%	85.0 cfs	0.5 ft.	5.7 fps	Vegetative Channel
	6.1%	85.0 cfs	0.3 ft.	7.2 fps	Vegetative Channel

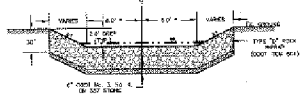
POND 16





Exit Channel Profile

Channel	Slope	25yr/24hr Discharge	Min. Flow Depth	Max. Velocity	Channel Lining
EXIT CHANNEL	1.3%	181.0 cfs	0.5 ft.	3.4 fps	Vegetative Channel



TYPICAL EXIT CHANNEL SECTION

TYPICAL EXIT CHANNEL SECTION

* SEE INDIVIDUAL POND VOLUMES FOR 25YR 24HR FLOW DEPTHS

OPERATOR

AMERICAN ENERGY CORPORATION
CENTURY MINE
43921 MAYHUGH HILL ROAD
TOWNSHIP HIGHWAY 99
BEALLSVILLE, OHIO 43716

POND 15 & 16 PLAN AND PROFILE

SECTIONS: 3 & 4 | T - 5 R - 5 | TOWNSHIP: WAYNE
COUNTY: BELMONT | SCALE: AS SHOWN

Drawn by: JCO
Checked by: WJS
Date revised: September 14, 2007
JACK L. HAMILTON & ASSOC. INC.
BOX 471, 342 NOTH STREET
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Revised: 7/1/02
Revised: 7/1/02

WARE NO.
CENTURY
DRAWING NO.
17

18 Sept 2002

AEC 16832