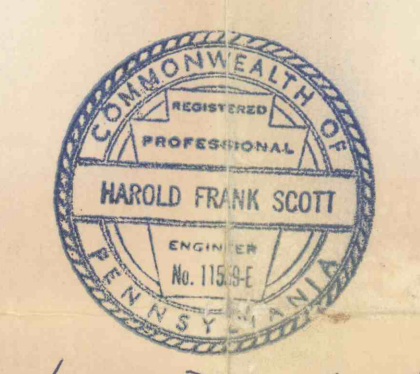


PLAN

SCALE: 1" = 40'

DER
655 JUL 7 AM 11:57
MCMURRAY



Harold Frank Scott
6-23-86

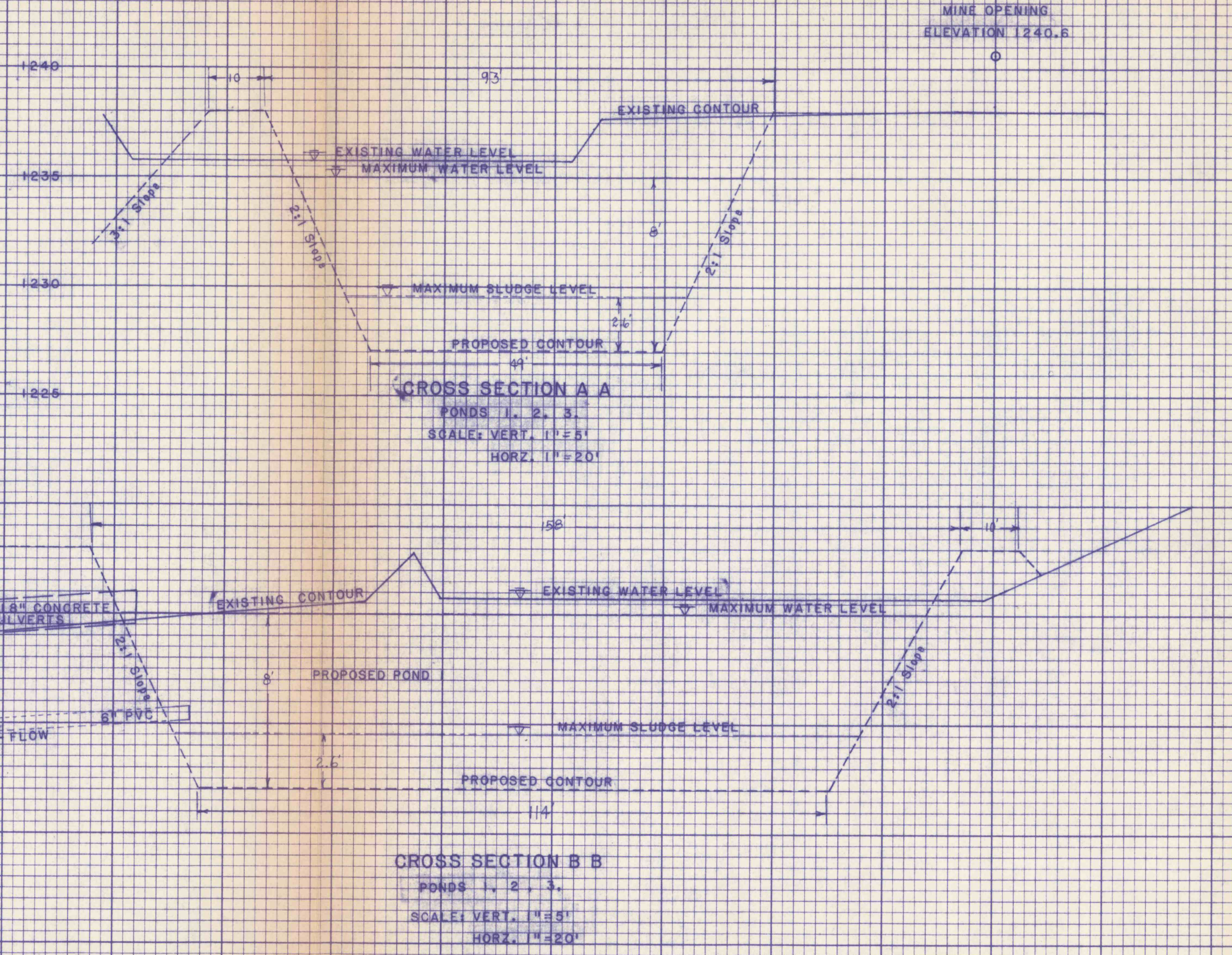
**RUNOFF COLLECTION
FACILITIES/TREATMENT UNIT**

H. Scott Professional Engineer
Registered Surveyor
RD 2 Rimersburg, Pa.

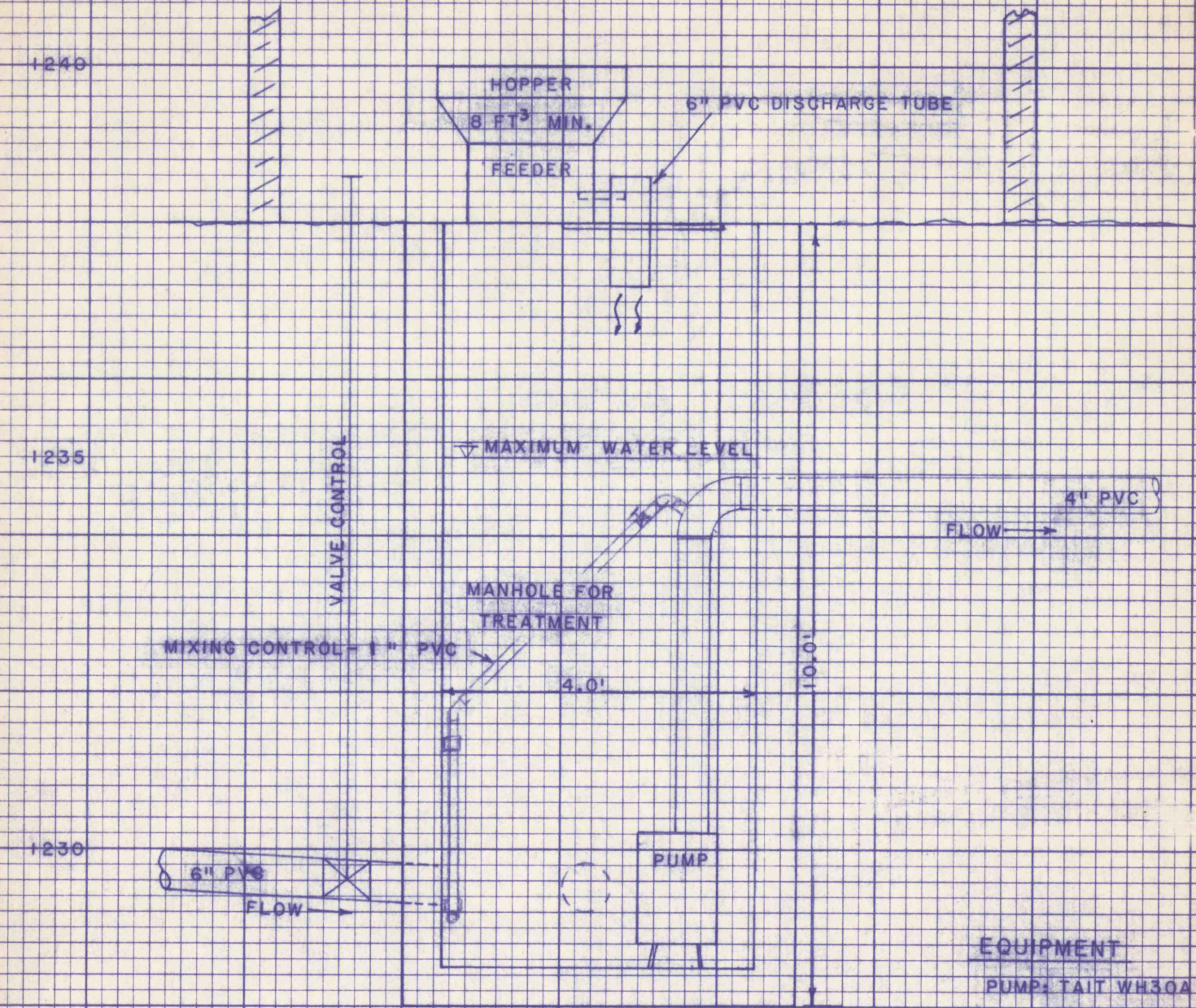
SCALE NOTED		C & K COAL COMPANY	
DATE 5/14/86		HALLISON ENGINEERING #10	
APVD. FILE		MADISON TOWNSHIP	CLARION COUNTY
REVISIONS	BY	DATE	NO.

NO.	DATE

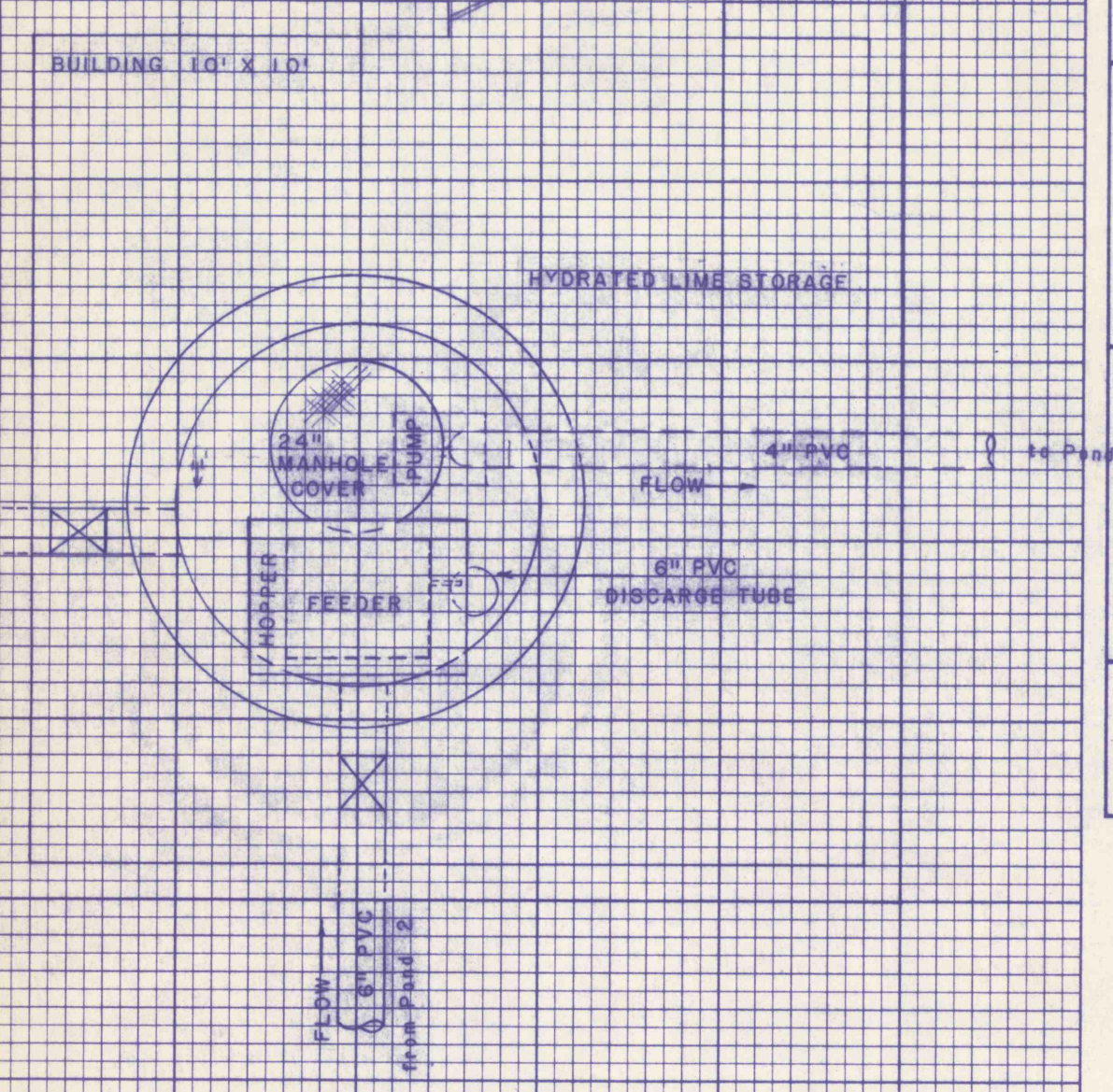
POND DIMENSIONS
TOP OF EMBANKMENT SIZE: 53' x 158'
BOTTOM SIZE: 49' x 114'
MAX. WATER DEPTH: 6.0'
MAX. SLUDGE DEPTH: 2.0'
PONDS 1, 2, and 3 ARE OF EQUAL DIMENSIONS



CROSS SECTION A A
PONDS 1, 2, 3
SCALE: VERT. 1" = 4'
HORIZ. 1" = 20'



CROSS SECTION
TREATMENT FACILITY
SCALE: 1" = 4'



PLAN
TREATMENT FACILITY
SCALE: 1" = 4'

EQUIPMENT
PUMP: TAIT WAGON 1 OR EQUAL
300 GPM SUBMERSIBLE PUMP
FEEDER: AGCU RATE MODEL 8.12
OR EQUAL

NO.	DATE