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Beaver Creek Coal Company
P. O. Box AU
Price, Utah 84501
Telephone 801 637-5050

COPY TO Lynn
Modification file
#3
File ACT/007/022
Copy to Joe L.,
Rick, Sandy

JIM

FEB 10 1983

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**DIVISION OF
OIL GAS & MINING**

February 4, 1983

Mr. James W. Smith, Jr.
Coordinator of Mined Land Development
Utah Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: Thickener Overflow Pond
C.V. Spur
ACT/007/022
Carbon County, Utah

Dear Mr. Smith:

Please find enclosed three (3) copies of a proposed modification for the C.V. Spur drainage control system. This modification is submitted in response to your letter of November 22, 1982, concerning the thickener overflow pond and sediment pond capacities.

The proposal is to add a pond south of the existing Sediment Ponds 1, 2 & 3 to be used solely to contain plant discharge water in the event of recirculation problems. An occasional pump failure or plugging of the plant sump may lead to a discharge from the plant. This discharge will run between 0 and 40 gpm and will only occur until the system can be repaired. To eliminate the concern over using the existing sediment ponds to store this occasional overflow water, it is proposed to pipe any plant overflow water directly to the new pond. From this point, the water will be pumped as required into Pond #6 where it will be filtered and recirculated into the plant washing system. Since the outflow from the plant (and the pond dewatering) will be less than the filtering rate of Pond #6 (approximately 40 gpm), no capacity should be lost in Pond #6 during the dewatering.

The proposed pond will be 40 feet wide by 130 feet long and will be 7 feet deep. An emergency rip-rapped overflow will be placed 1 foot from the top and will flow into Pond #6. The proposed pond will have a capacity of 0.625 acre-feet and will be cleaned when the capacity is reduced by one-half.

It is further proposed to install a dewatering line along the various ponds as shown on the map. This will be a 6-inch steel line with "Y's" installed near each pond to accept the discharge water. The

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water will then flow directly to Pond #6 for cleaning and recirculation. This will allow for dewatering of any of the ponds without having to pump into an open ditch, thus reducing sediment load to the filter pond.

The thickener pond will continue to function as storage for the thickener water only and will either be pumped directly back into the thickener or into Pond #6 through the 6-inch pipe, where it will be recirculated. The Sediment Ponds 1, 2 & 3 will function strictly for surface runoff control.

Recent calculations by Mr. Joe Lyon and me have confirmed the adequacy of all sediment ponds at C.V. Spur with the exception of Pond #6. It has been previously approved (January 10, 1983) to extend Pond #6 prior to May 1, 1983, to meet design criteria. With your approval, we would also like to perform the construction of the additional pond and the installation of the dewatering line at the same time as the expansion of Pond #6. This will allow for construction during more favorable weather conditions and the use of the same contractor to perform all three functions.

It is our hope this proposal will meet with your approval. If you need any further information please let me know.

Respectfully,

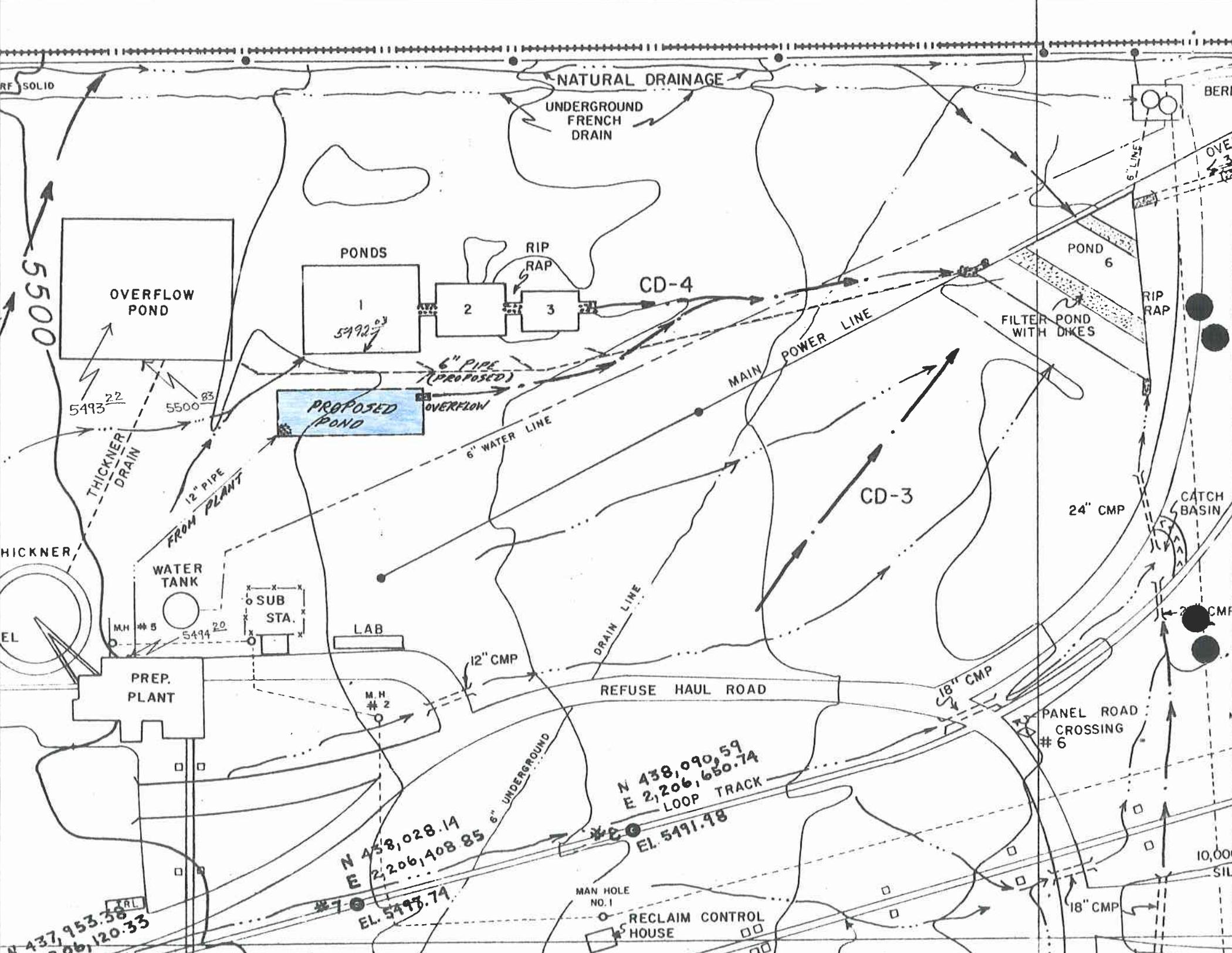


D.W. Guy, Manager
Permits & Compliance

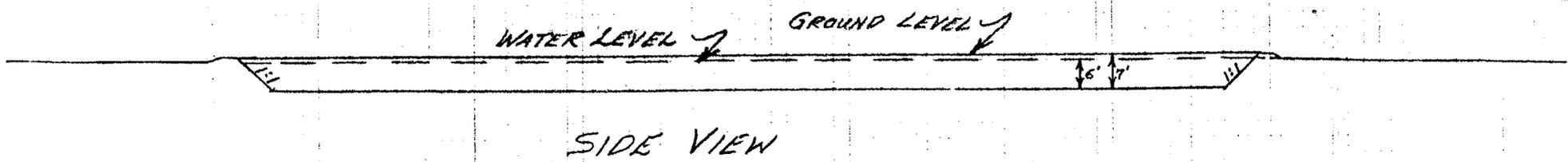
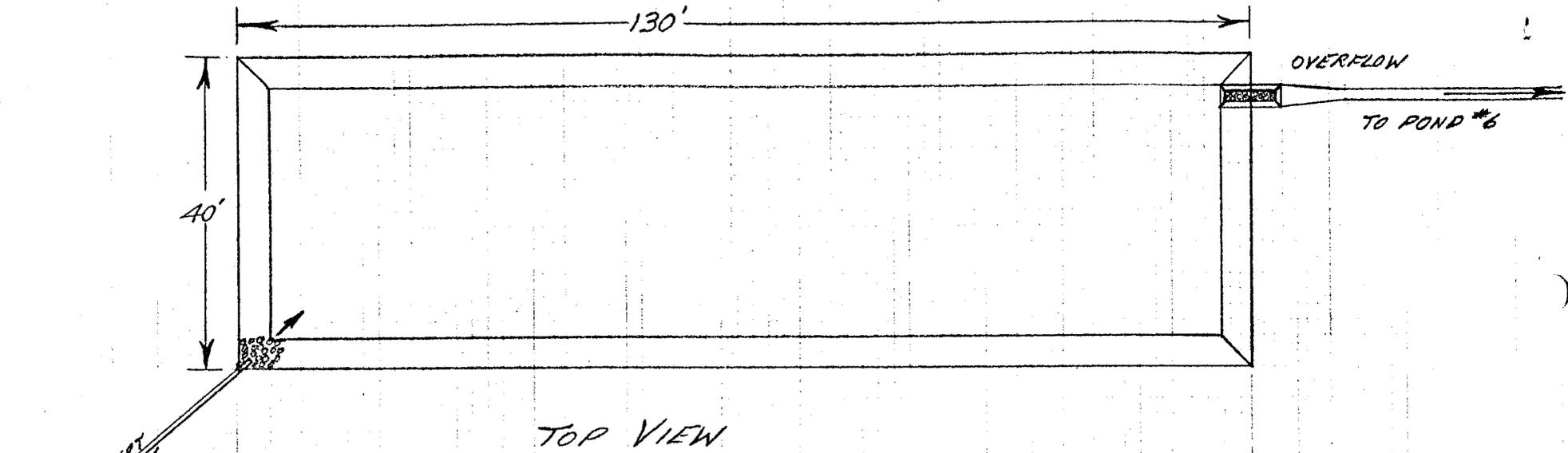
DWG/rr

Enclosures

cc: R.D. Robison
S.R. Raymond
D.L. Killpack
File



PLANT OVERFLOW POND



SCALE ~ 1" = 20'