

0015

RECEIVED  
OCT 27 1983

DIVISION OF  
OIL, GAS & MINING



File ACT/O15/O15  
Folder No. 3  
Copy to Lynn,  
Rick, Dave D.,  
Dave L

Consolidation Coal Company  
Emery Mine  
P. O. Box 527  
Emery, Utah 84522  
(801) 286-2301

JIM

OCT 28 1983

October 24, 1983

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

Re: Inlet Structure to #5  
Sedimentation Pond  
Emery Deep Mine  
ACT/O15/O15

Dear Mr. Smith:

Please find enclosed prints for the proposed solid inlet structure to sedimentation pond #5 (Preparation Plant area). The design utilizes 3'x3'x6' gabions to form a channel measuring 1.5' deep by 3' wide to transport runoff into pond #5. This structure would replace the two existing inlets and would require appropriate ditching to channel all runoff through it.

The design is capable of transporting 85cfs which is approximately four (4) times the estimated flow from a 10 year - 24 hour event, (20cfs).

Upon approval for construction of this structure the gabions will be ordered. Actual construction will begin (weather permitting) when the materials arrive.

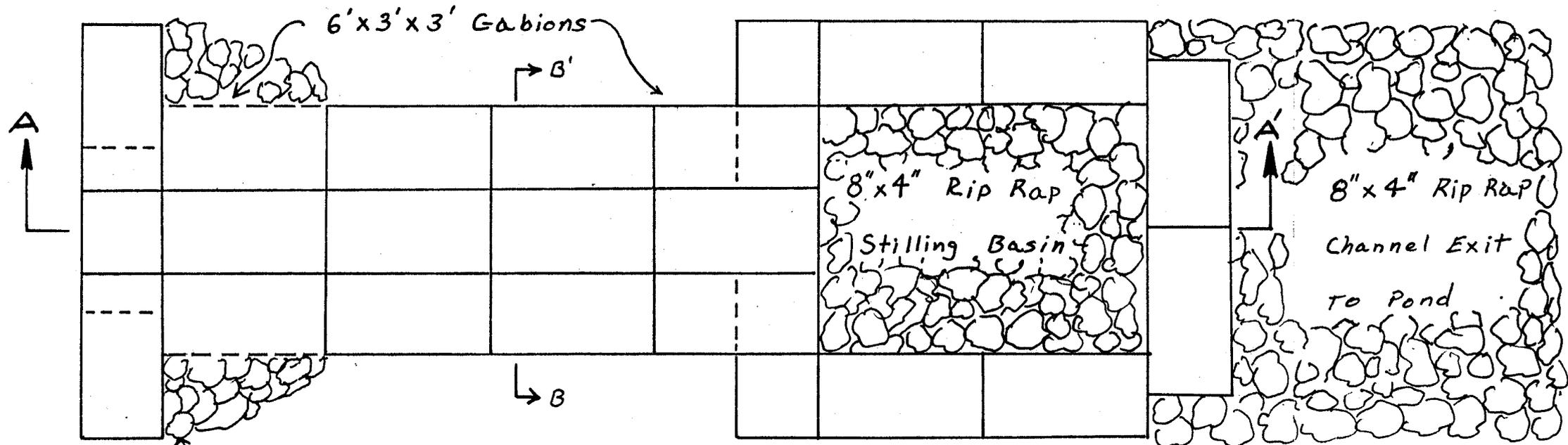
Note that pond #5 currently has about 1½ feet of water in it. The pond will have to dry out before earth work may commence.

If you have need of further information please contact me.

Sincerely,

Ronald O. Hughes  
Mine Engineer

# PLAN VIEW

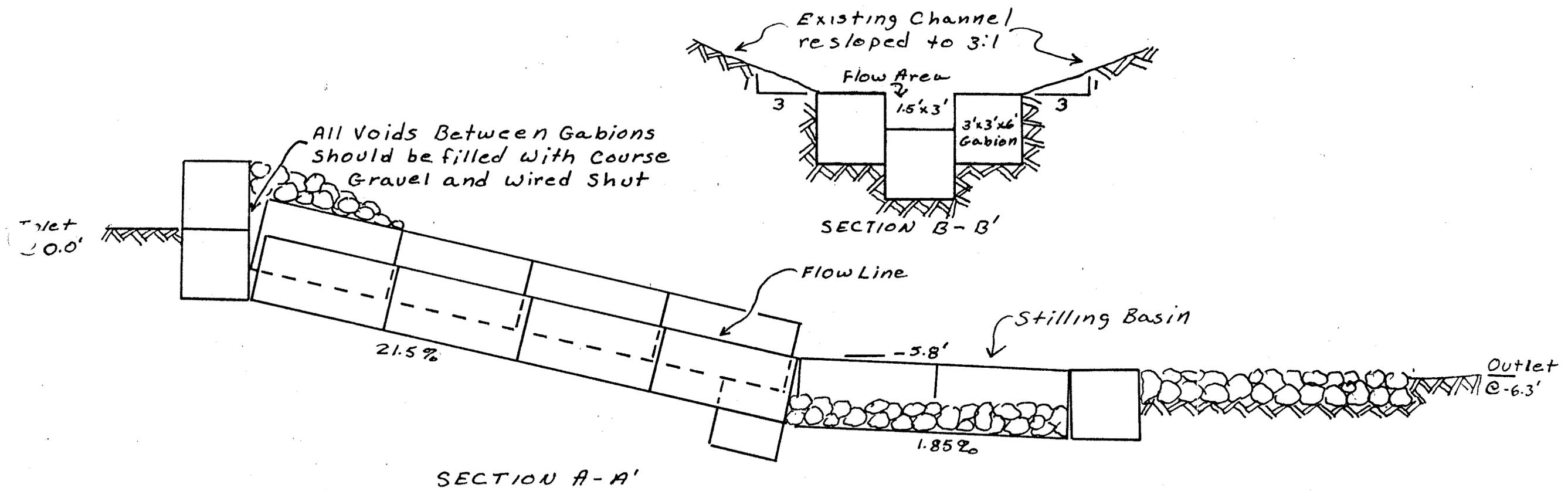


Earth Slope  
Rip Rapped (8"x4")  
Along Length  
of First Gabion

PROPOSED #5 POND  
INLET STRUCTURE  
SCALE: 1" = 5'  
10-21-83 #1  
CONSOL - EMERY MINE

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OIL, GAS & MINING



PROPOSED #5 POND  
 INLET STRUCTURE  
 SCALE: 1"=5'  
 10-21-83 #2  
 CONSOL-EMERY MINE