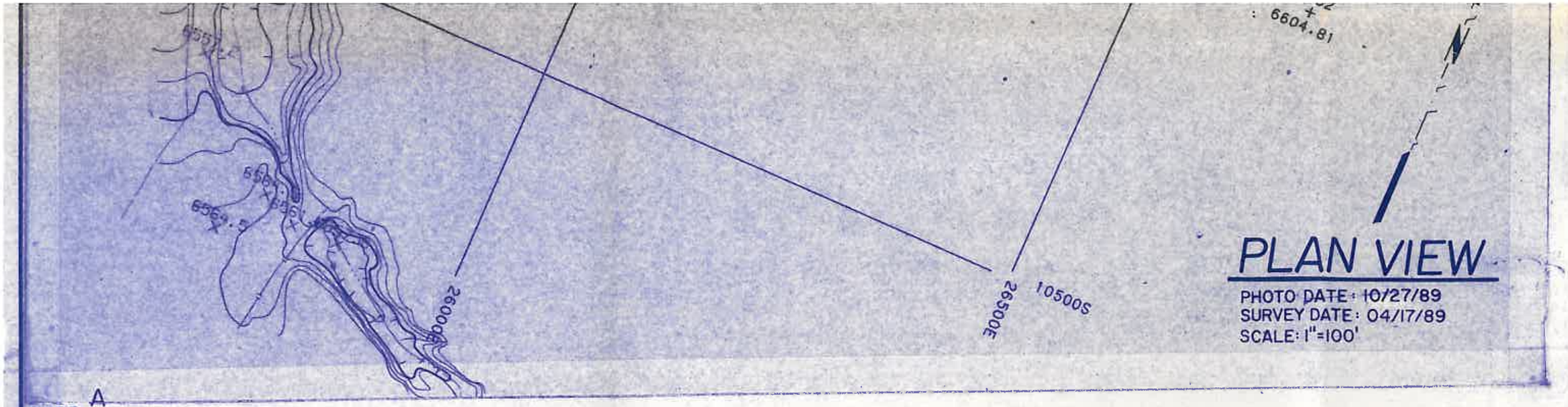
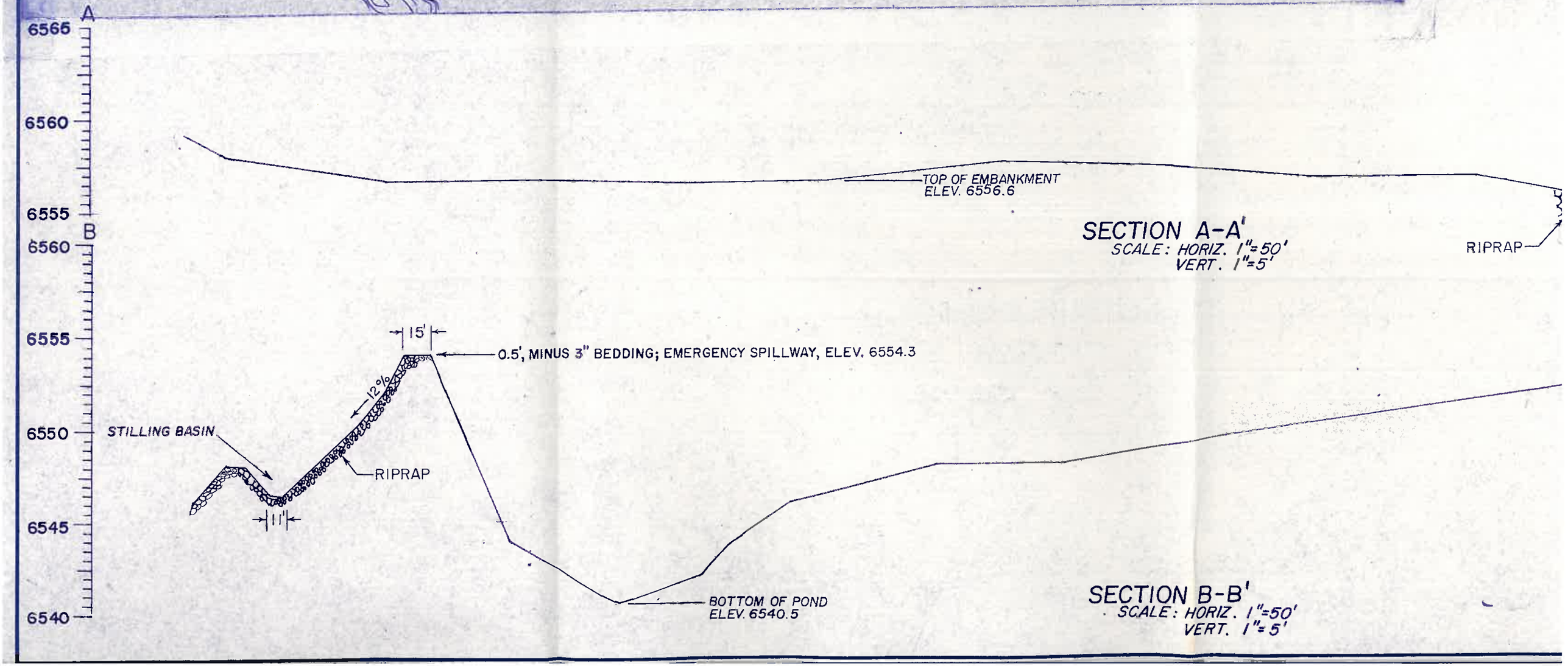
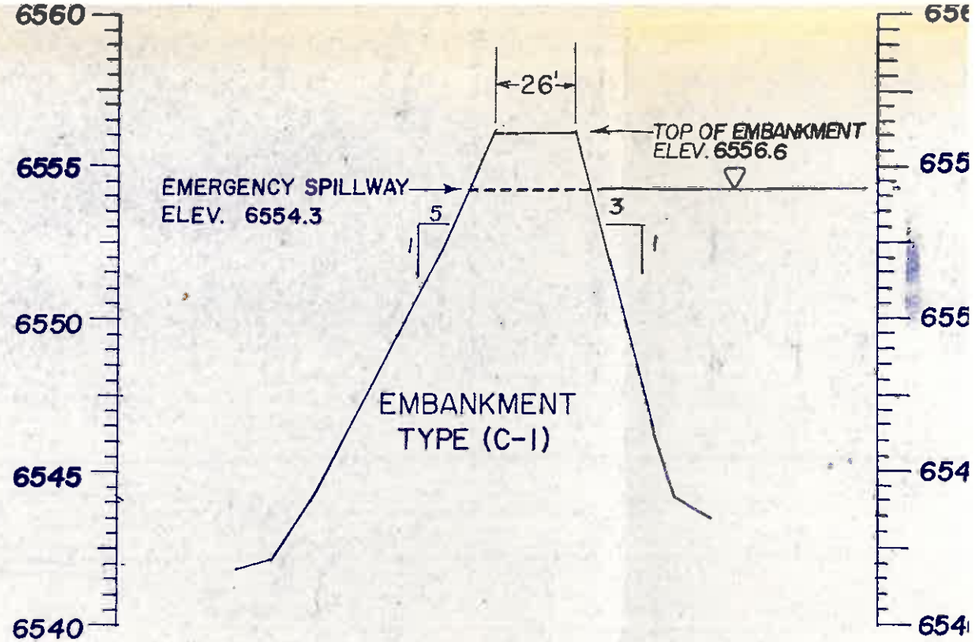



| | |
|---|---|
| 6552.00 | 11 |
| 6554.30 | 13 |
| 6556.00 | 15 |
| 6556.60 | 16. |

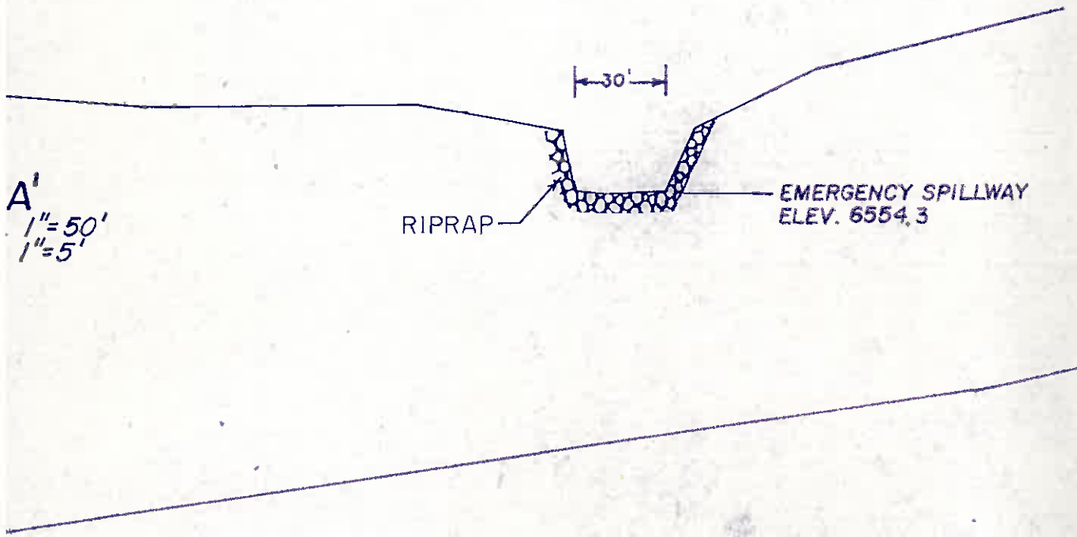


| | | | | | |
|---|---|---|---|---|---|
| 6552.00 | 11.50 | 1.77 | 3.18 | 8.77 | |
| 6554.30 | 13.80 | 2.43 | 4.83 | 13.60 | EMERGENCY SPILLWAY |
| 6556.00 | 15.50 | 3.45 | 5.00 | 18.60 | |
| 6556.60 | 16.10 | 3.78 | 2.17 | 20.76 | TOP OF EMBANKMENT |

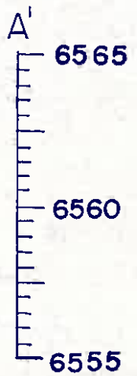
VIEW
10/27/89
04/17/89




SECTION C-C'
SCALE: HORIZ. 1"=50'
VERT. 1"=5'




A'
1"=50'
1"=5'



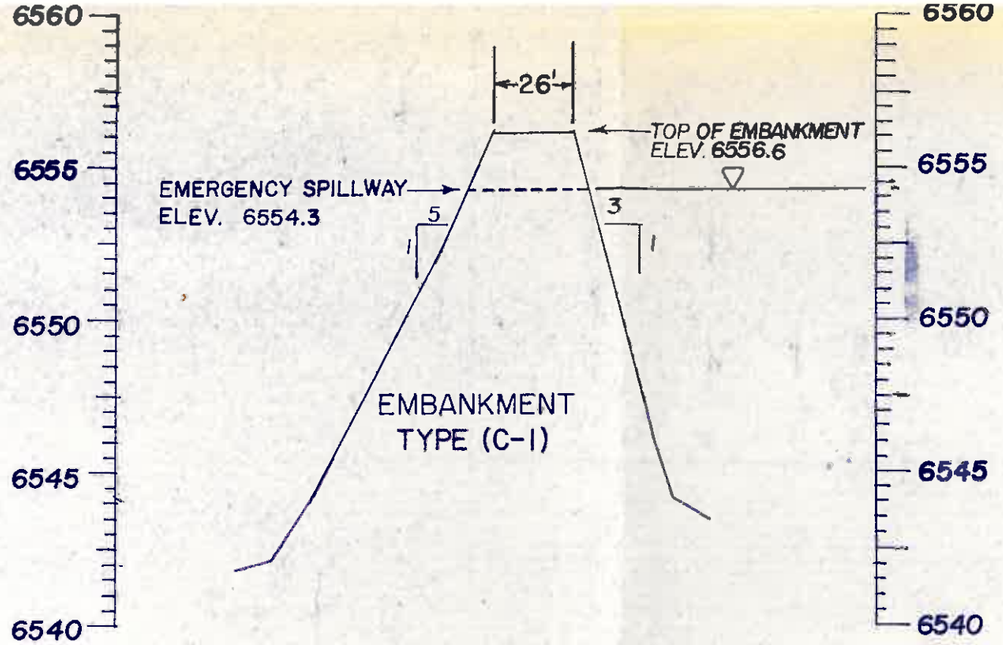
B'
1"=50'
1"=5'

I certify this Siltation S
with the approved mining pe
herein accurately describes
of my knowledge and belief

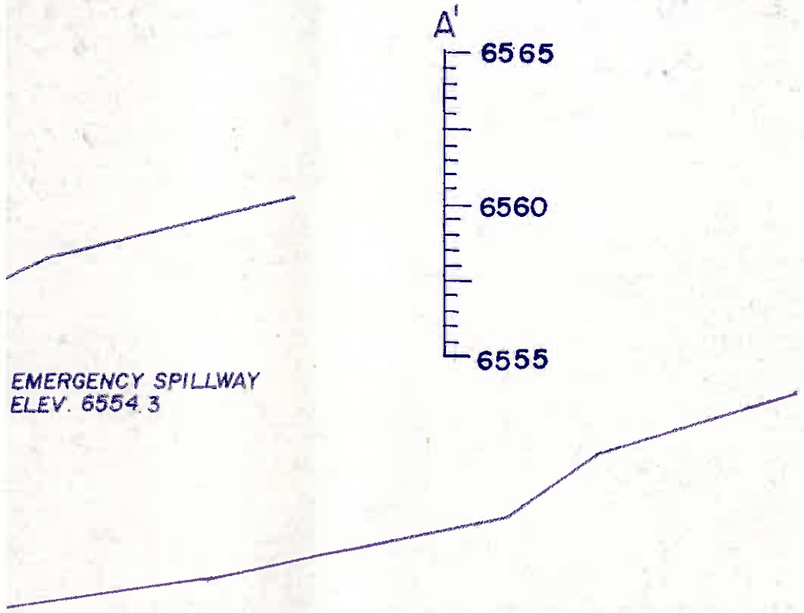
James G. Schlenvogt
Senior Engineer
Peabody Coal Company

Registered Professional Engineer
CERTIFICATE NO.
18782
JAMES GARY
SCHLENVOGT
Date Signed
ARIZONA, U.S.A.

| | | |
|---|---|---|
| 3.18 | 8.77 | |
| 4.83 | 13.60 | EMERGENCY SPILLWAY |
| 5.00 | 18.60 | |
| 2.17 | 20.76 | TOP OF EMBANKMENT |




SECTION C-C'
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



I certify this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.

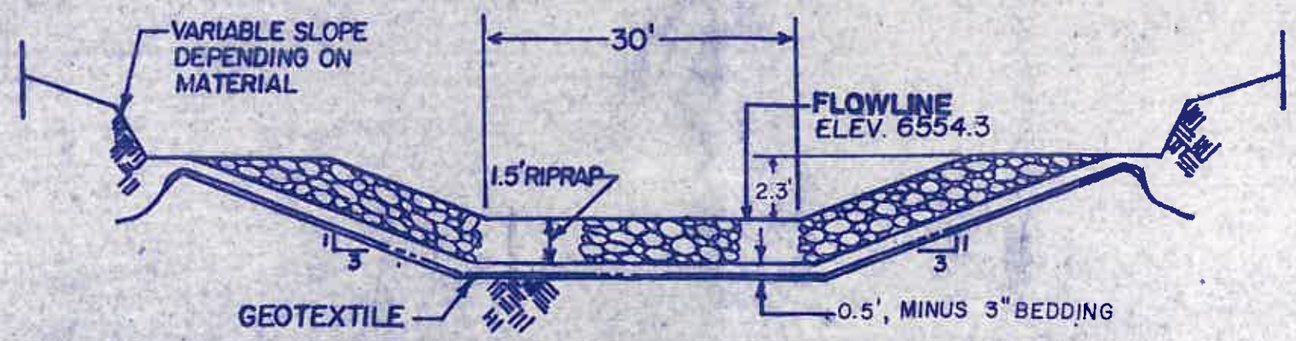
James G. Schlenvogt
Senior Engineer
Peabody Coal Company

Registered Professional Engineer (Civil) CERTIFICATE NO. 18782 JAMES GARY SCHLENVOGT Date Signed ARIZONA, U.S.A.

Arizona P.E. #18782

Date: JUN 20 1990

| | |
|---|---|
| PEABODY COAL COMPANY<br>BLACK MESA — KAYENTA MINE | |
| **N5-AI POND**<br>(AS-BUILT) | |
| SCALE: AS SHOWN | DRAWN BY: C.C.H. |
| DATE: 1/18/90 | DRAWING NO: |
| REVISION: | APPROVED BY: J.G.S. |



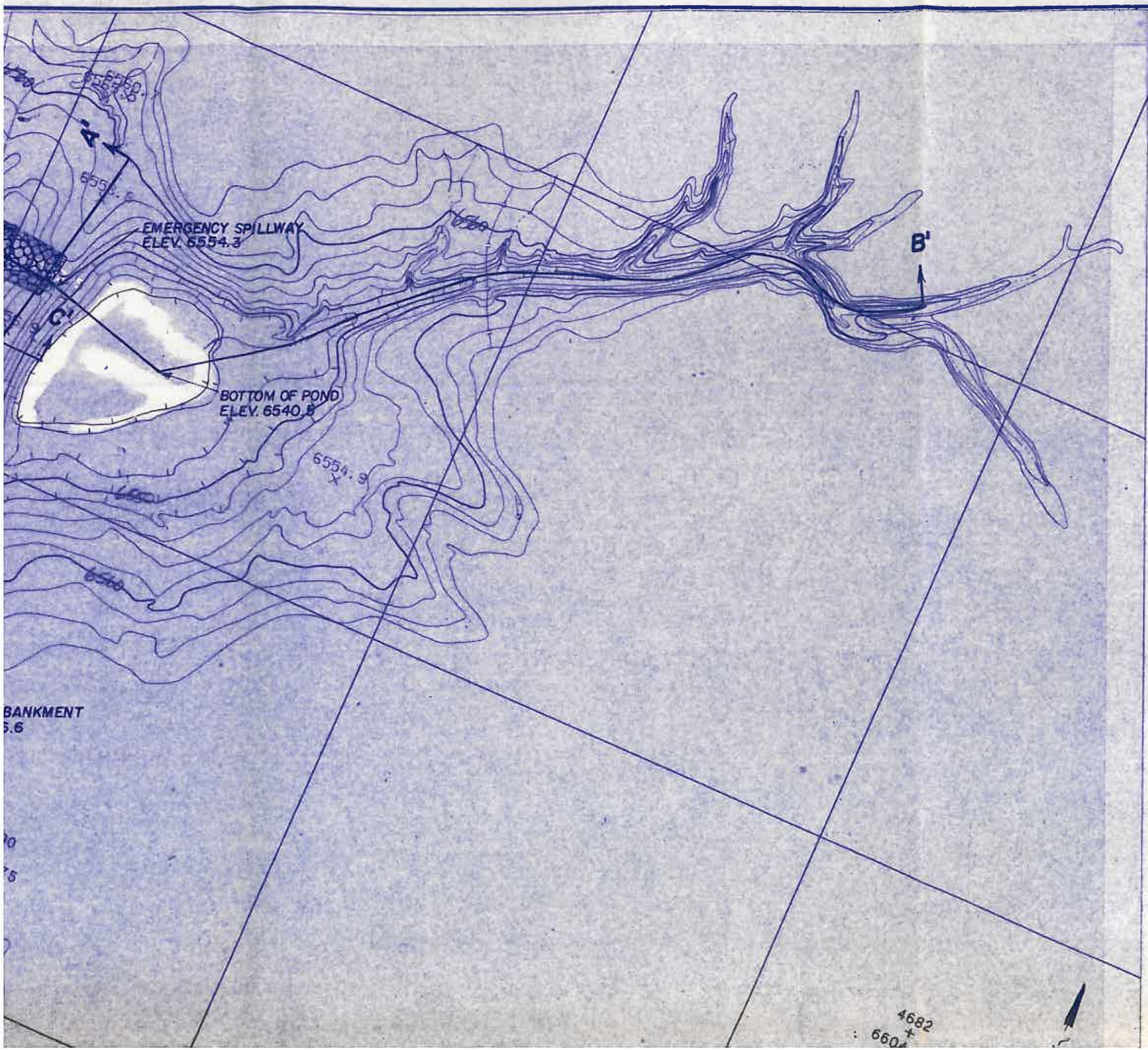

SECTION OF EMERGENCY SPILLWAY
NOT DRAWN TO SCALE

A1 POND AS-BUILT

| CAP. (AC.-FT.) | TOT. CAP. (AC.-FT.) | DESCRIPTION |
|---|---|---|
| 0.00 | 0.00 | BOTTOM OF POND |
| 0.65 | 0.65 | |
| 0.92 | 1.57 | |
| 1.58 | 3.15 | |
| 2.44 | 5.59 | |

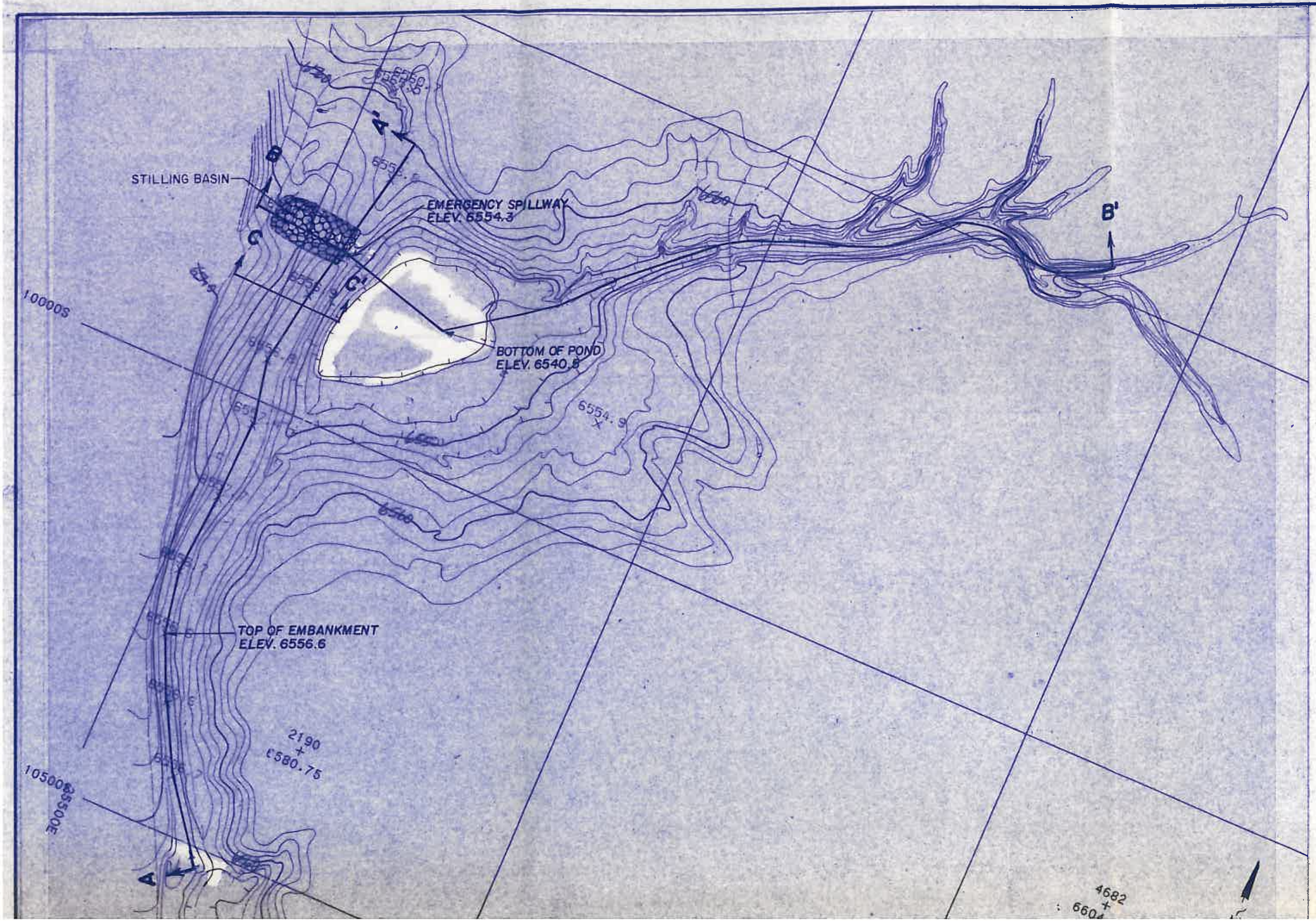
6560 C

C' 6560




N5-A1 POND AS-BUILT

| ELEVATION (FT.-msl) | STAGE (FT.) | AREA (ACRES) | CAP. (AC.-FT.) | TOT. CAP. (AC.-FT.) |
|---|---|---|---|---|
| 6540.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6544.00 | 3.50 | 0.37 | 0.65 | 0.65 |
| 6546.00 | 5.50 | 0.55 | 0.92 | 1.57 |
| 6548.00 | 7.50 | 1.03 | 1.58 | 3.15 |
| 6550.00 | 9.50 | 1.41 | 2.44 | 5.59 |
| 6552.00 | 11.50 | 1.77 | 3.18 | [illegible] |




| ELEVATION (FT.-msl) | ST (F |
|---|---|
| 6540.50 | 0 |
| 6544.00 | 3 |
| 6546.00 | 5 |
| 6548.00 | 7 |
| 6550.00 | 9 |
| 6552.00 | 11 |