

23,000 S
60,000 E

X
6872.5

X
6864.7

69,000 E

6850

X
6853.4

X
6851.2

X
6860.3

X
6857.8

6825

X
6843.1

X
6851.6

X
6851.5

X
6848.9

6825

24,000 S

6880

6850

6880

6825

6775

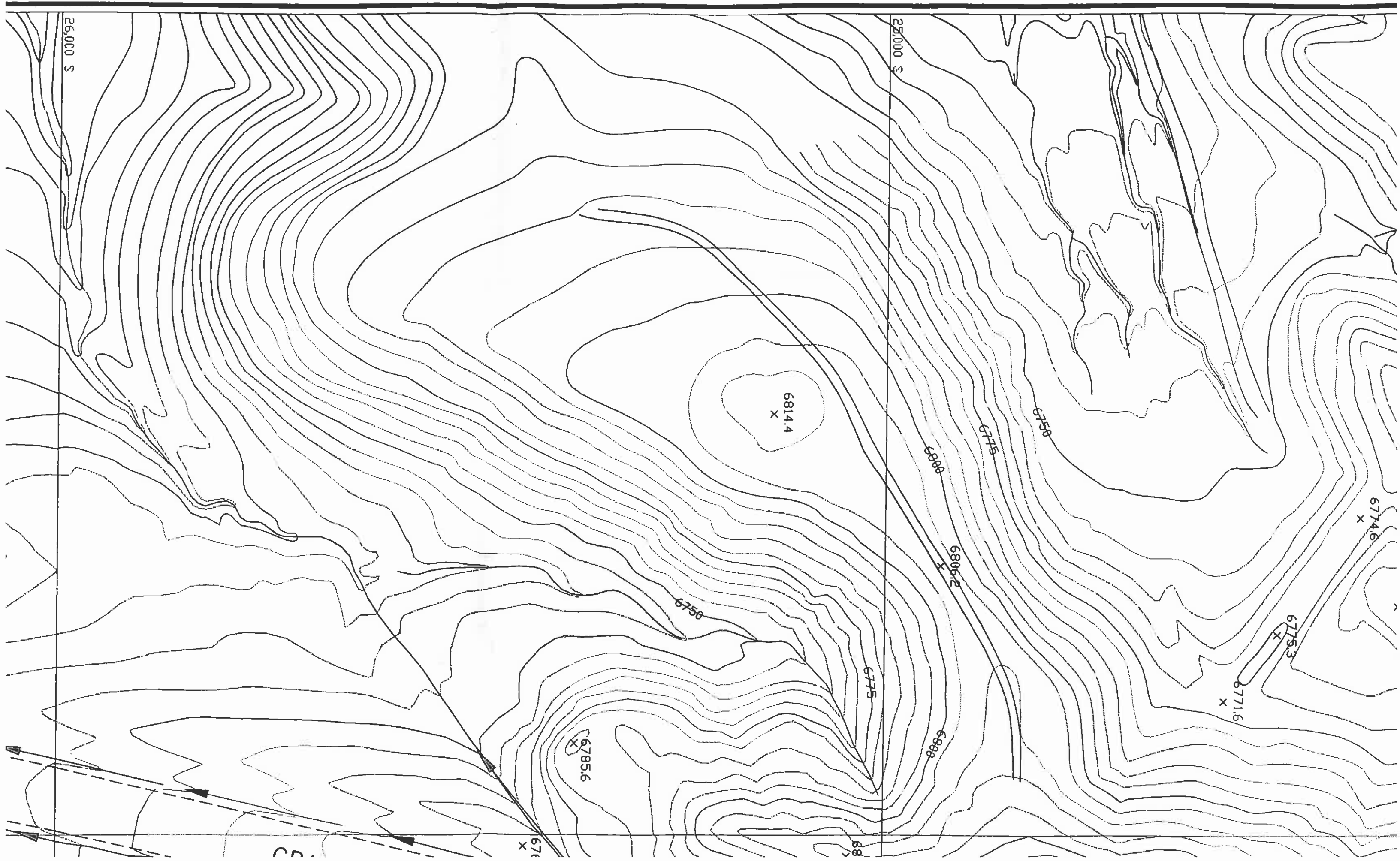
6775

X
6754.8

X
6774.6

X
6775.3

X
6771.6



25,000 S

25,000 S

6814.4
X

6806.2
X

6785.6
X

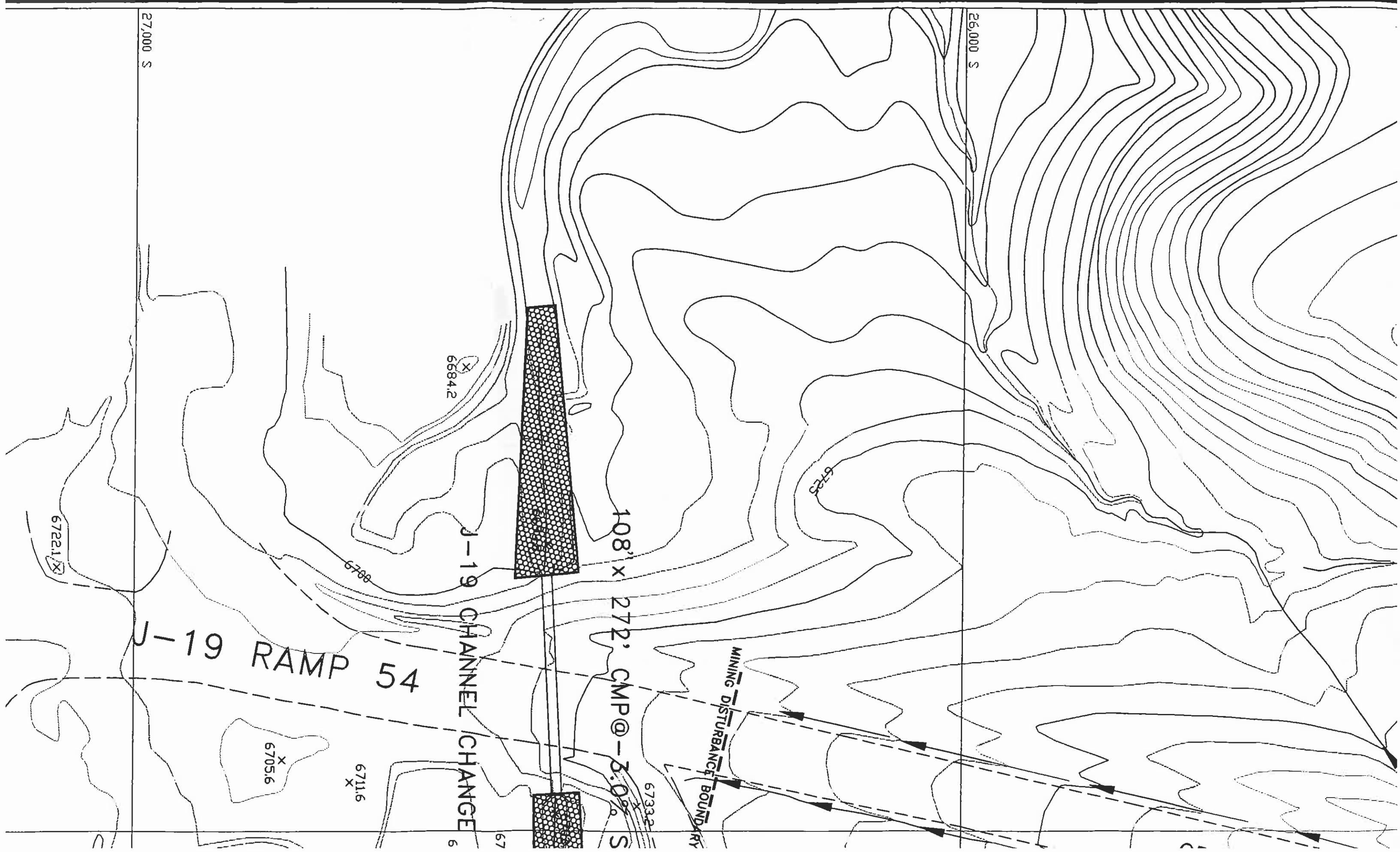
6771.6
X

6753
X

6746
X

671
X

68



26,000 S

27,000 S

6684.2 X

6722.1 X

6705.6 X

6711.6 X

6733.2 X

6788

6725

J-19 RAMP 54

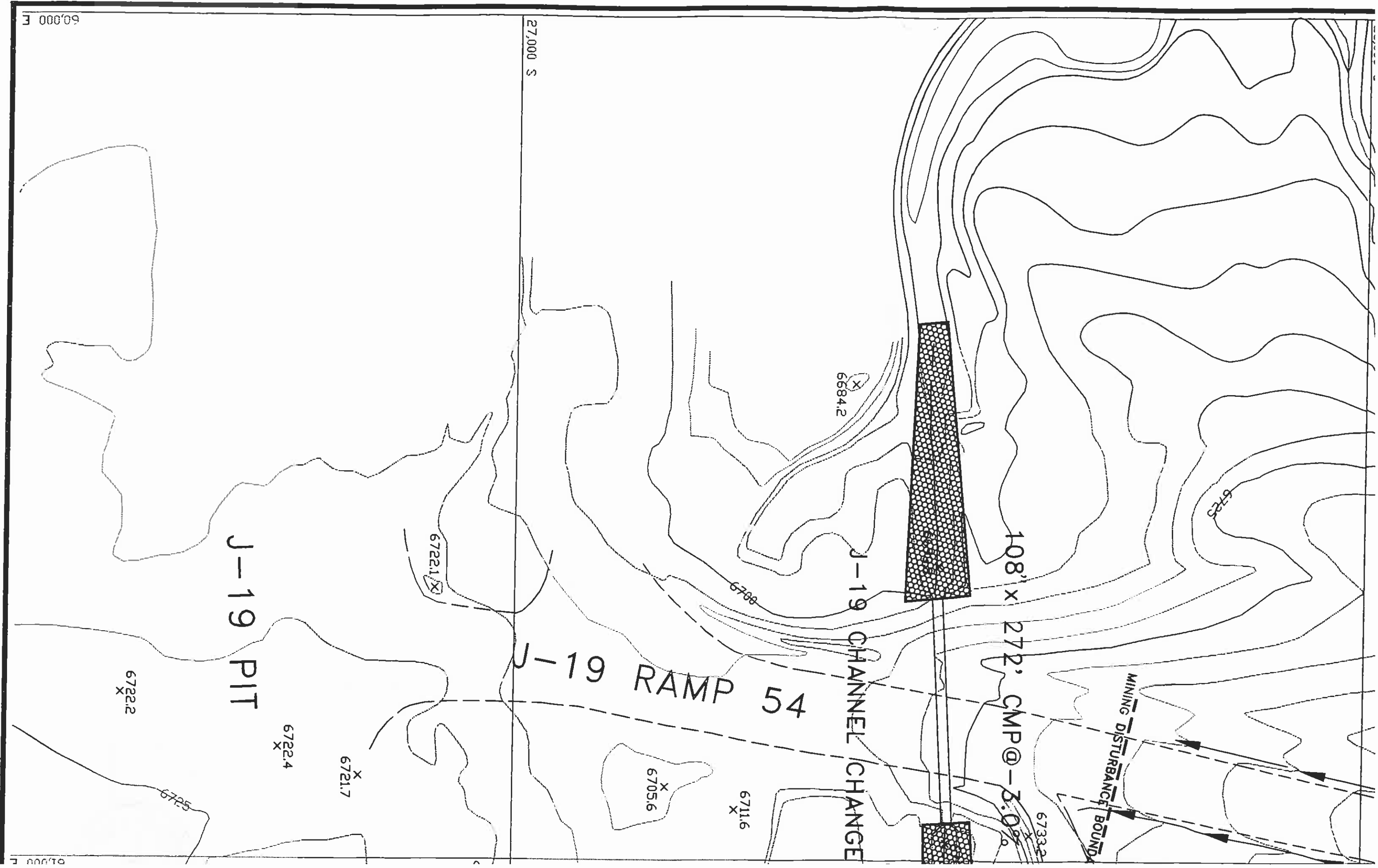
J-19 CHANNEL CHANGE

108' x 272' CMP @ -3.0%

MINING DISTURBANCE BOUNDARY

67

6



27,000 S

60,000 E

J-19 PIT

J-19 RAMP 54

J-19 CHANNEL CHANGE

108' x 272' CMP @ -3.0%

MINING DISTURBANCE BOUNDARY

6722.2 X

6722.4 X

6721.7 X

6722.1 X

6705.6 X

6711.6 X

6684.2 X

6725

6733.2 X

6788

6725

60,000 E





GRADE 4%

J-19 HAUL ROAD

GRADE 4%

6785.6 X

6768.4 X

6817.1 X

6771.6 X

6846.6 X

6845.3 X

6747.8 X

6776.0 X

6772.9 X

6775

6819.1 X

6819.0 X

6777.2 X

6774.2 X

6736.5 X

6750

6786.6 X

6756.7 X

6754.0 X

6775

6791.2 X

67



GRADE 4%

CMP @ -3.0% SLOPE

LINE CHANGE

LINE DISTURBANCE BOUNDARY

54

65

6776.0 X

6786.6 X

6736.5 X

6747.8 X

6732.8 X

6725

6721.7 X

6726.1 X

6738.6 X

6733.2

6716.6 X

6712.5 X

6716.4 X

6702.0 X

6711.6 X

6705.6 X

6796.9 X

6829.3 X

6716.7 X

6718.8 X

6818.7 X

6813.9 X

6732.2 X

6725

6780

6750

6775

6800

6825.5 X

6800

6775

6750

6725

6686.8 X

6686.5 X



6747.8 X

6732.8 X

6750

6725

6721.7 X

ING DISTURBANCE BOUNDARY

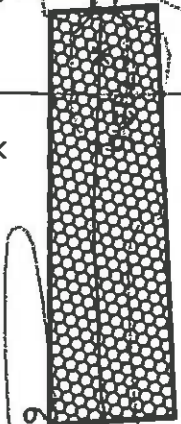
6726.1 X

6738.6 X

CMP @ -3.0% SLOPE

6733.2 X

6716.6 X



6712.5 X

6709.2 X

6702.0 X

6716.4 X

INEL CHANGE

6711.6 X

6705.6 X

6829.3 X

6796.9 X

6818.7 X

6813.9 X

6750

6775

6800

6825.5 X

6775

6750

6725

6800

6716.7 X

6718.8 X

6732.2 X

6725

6700

6686.8 X

6722.4 X

6721.7 X

6725

6714.0 X

6686.5 X

6729.2 X

6725

6727.7 X

6740.8 X

6750

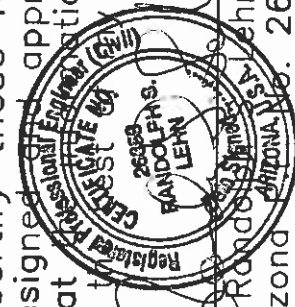
61900 E

22.2

T

54

certify these facilities were constructed as designed and approved in the mining permit and at the location contained herein is accurate to the best of my knowledge and belief.



APR 18 1994

Date

Randolph S. Lehn
Arizona, No. 26858

PEABODY WESTERN COAL COMPANY
J-19 HAUL ROAD
(AS BUILT)

KAYENTA MINE

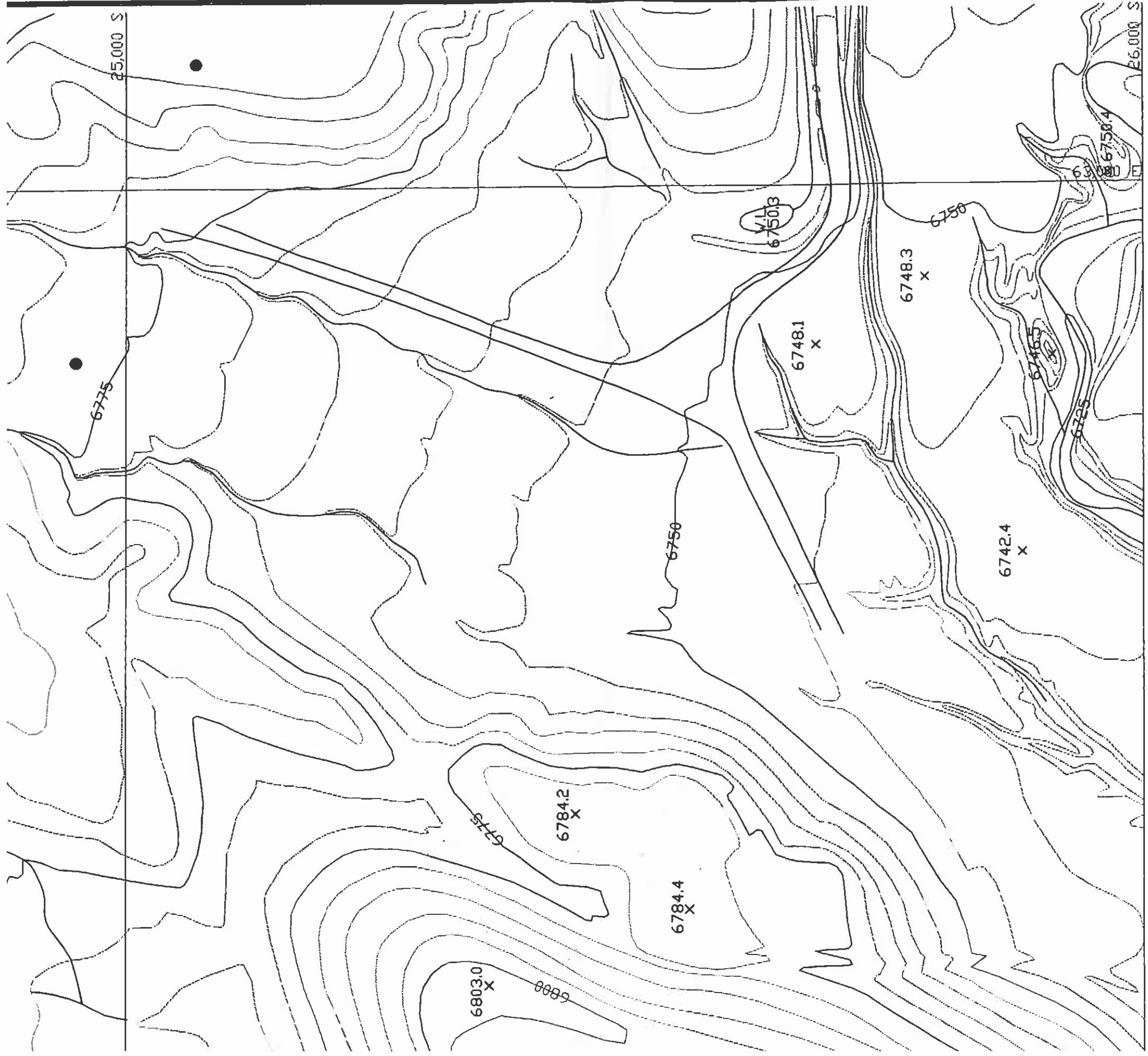
PEABODY COAL CO. 1300 S. YALE FLAGSTAFF, AZ 86001

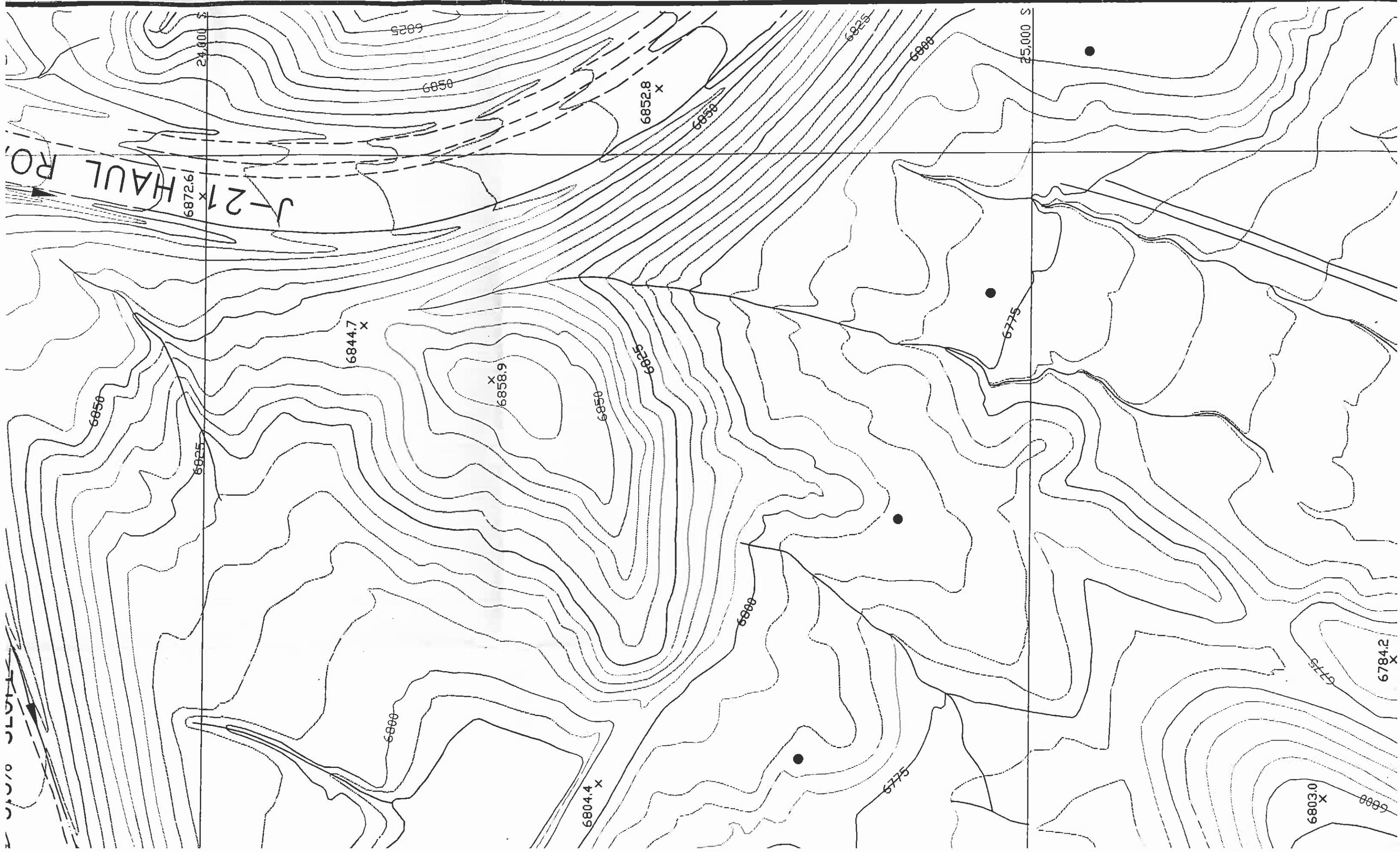
DESIGNED BY: R.S.L. SCALE: 1" = 100'

DRAWN BY: E.F.D. DRAWING DATE: 03-01-94

CHECKED BY: R.S.L. PHOTO DATE: 12-01-93

CONTOUR INTERVAL: 5' SHEET NO.: 1





HAUL ROAD

6872.61 X

24,000 S

25,000 S

6852.8 X

6844.7 X

6858.9 X

6804.4 X

6803.0 X

6784.2 X

6850

6825

6800

6850

6825

6800

6775

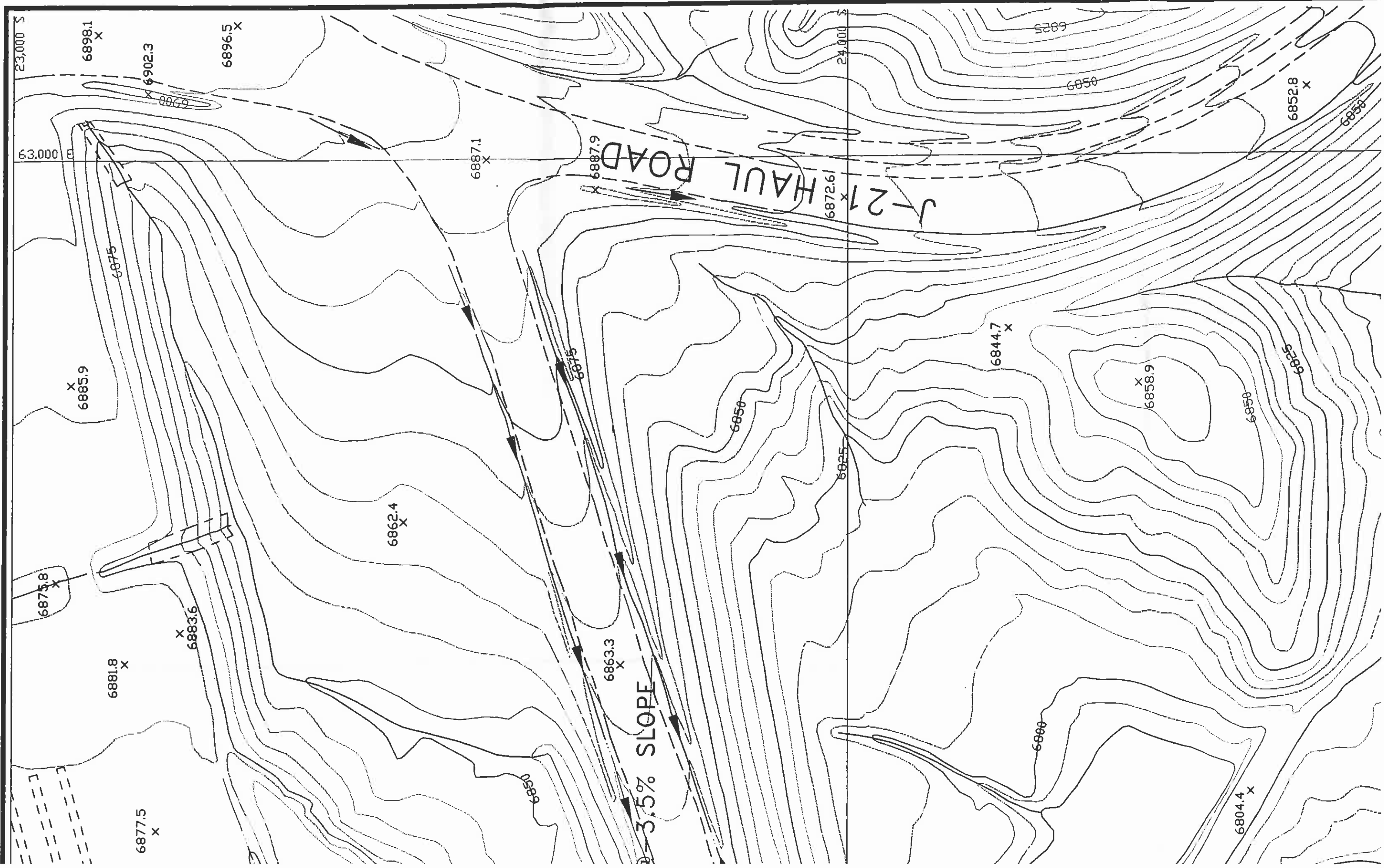
6775

6825

6800

6775

6800





I certify these facilities were designed and approved in the that that information contained to my knowledge and



Randolph G. Lehn
Arizona License No. 26858

