ACT/015/032
#3

Moab District
Price River Resource Area
P. O. Drawer AB
Price, Utah 84501

3400
(SL-062648)
(U-066)

Mr. Andrew C. King
Genwal Coal Company
P. O. Box 1201
Huntington, Utah 84528

JUN 7 1985

Dear Mr. King:

A proposed minor modification of the R2P2 part of the approved mine plan for Genwal Coal Company's Crandall Canyon No. 1 Mine was submitted to this office June 6, 1985. The proposal is a recently approved addition to your roof control plan to increase the pillar recovery from 1/2 to 3/4 or all of the pillars depending on the position of the pillar. The bleeder also has been eliminated from the plan as previously approved by MSHA and subsequently by this office.

Accordingly, your proposal is approved subject to strict adherence to the procedures and sequencing conditions of the MSHA approval of the pillar mining supplement to the Pillar Recovery Plan.

If you have any questions, please contact Allen Vance of my staff at 637-4584.

Sincerely yours,

/S/ JAMES G. KENNA

Area Manager
Acting

Enclosures (2)
1-Approved Minor Modification Letter dtd 6/6/85
2-Copy of Roof Control Plan Supplement

cc: DM, Moab (U-065) w/enclosures
SO, Utah (U-921) w/enclosures
OSM, Denver w/enclosures
DOGM, w/enclosures

AVance:lp:6/7/85

GENWAL COAL COMPANY

P.O. Box 1201 • Huntington, Utah 84528
Telephone (801) 687-9813

SR/PR Rec'd JUN 07 1985

June 6,1985

RECEIVED
JUN 10 1985
DIVISION OF OIL
GAS & MINING

Mr. Allen Vance
Bureau of Land Management
Moab District
Price River Resource Area
P.O.Box AB
Price, Utah 84501

Dear Mr. Vance,

Please find enclosed for your review and approval a copy of the recently approved addition to our roof control plan. With this addition we hope to increase our recovery of the coal pillars. This addition was recently approved by the Mining Safety and Health Administration roof control department in Denver, Colorado.

The plan permits three quarters of the pillar to be extracted, compared to only half of the pillar in the previous plan. The bleeder system will also be removed from the plan and the outside two pillars will be mined to produce almost full extraction.

In order to enhance recovery we have already adopted this plan. If there are any further questions or comments please feel free to contact me at 637-7383. Thank you for your time and consideration.

Sincerely yours,

Andrew C. King

Andrew C. King

enc.

MINOR MODIFICATION TO
MINING PLAN APPROVED BY
BUREAU OF LAND MANAGEMENT

Recommended By: Allen J. Vance 6/7/85
Mining Engineer (Date)

Approved By: 6/7/85
Area Manager (Date)

U. S. Department of Labor

Mine Safety and Health Administration
P O Box 25367
Denver, Colorado 80225
Coal Mine Safety & Health
District 9

SR/PA Rec'd JUN 07 1985

May 30, 1985

Mr. Andrew C. King
Mine Engineer
Genwal Coal Company
P.O. Box 1201
Huntington, UT 84528

Re: Crandall Canyon No. 1 Mine
ID No. 42-01715
Roof Control Plan

Dear Mr. King:

The pillar mining supplement submitted May 30, 1985, has been reviewed by MSHA personnel and is approved. The supplement shall be appended to the plan approved May 24, 1985.

Sincerely,

William A. Hogatt
for John W. Barton
District Manager

GENWAL COAL COMPANY
CRANDALL CANYON MINE
ROOF CONTROL PLAN SUPPLEMENT
MAY 30, 1985

STIPULATIONS ON RECOVERING 60' c-c (40' x 40' BLOCKS) PILLARS

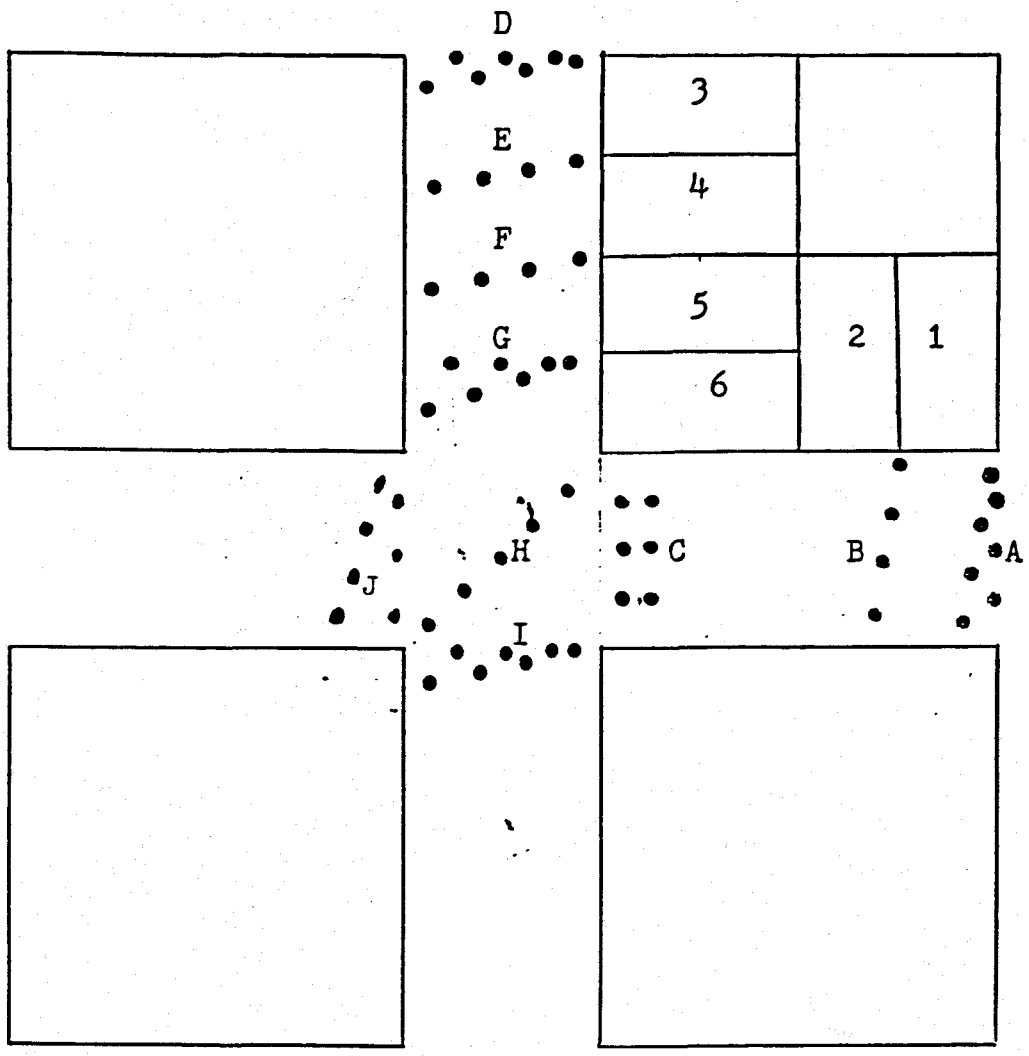
- ALL TIMBER WILL BE INSTALLED ON 5' CENTERS
- PILLARS MAY BE PULLED FROM EITHER LEFT OR RIGHT SIDE
- IN AREAS DEPICTING FOUR CUTS IN A ROW ON ONE PILLAR, THREE CUTS ON MORE OF AN ANGLE MAY BE USED (TIMBERED APPROPRIATELY) IF PILLAR SIZE AND ENTRY WIDTH PROHIBIT SQUARE CUTS OF ADEQUATE THICHNESS.
- TIMBERS MAY VARY SLIGHTLY FROM SHOWN ON DRAWINGS IN ORDER TO SQUARE MINER INTO PILLAR OR ANGLE MORE IF REQUIRED.
- TURN AND BREAKER ROWS WILL BE LENGTHENED OR SHORTENED AS THE ENTRY WIDTH DICTATES TO MAINTAIN THE TIMBERS WITHIN 5' OF THE RIBS AND NO MORE THAN 5' c-c.
- THE 2 END PILLARS AT BOTH ENDS OF THE ROW THAT ARE AGAINST SOLID COAL MAY BE FULLY EXTRACTED. (AS SHOWN)

BOLTING WILL BE DONE IN ACCORDANCE WITH APPROVED ROOF CONTROL PLAN

RECEIVED
MAY 30 1985
DISTRICT 9
MSHA
DENVER, CO.

SR/PH HOC @ JUN 07 1985

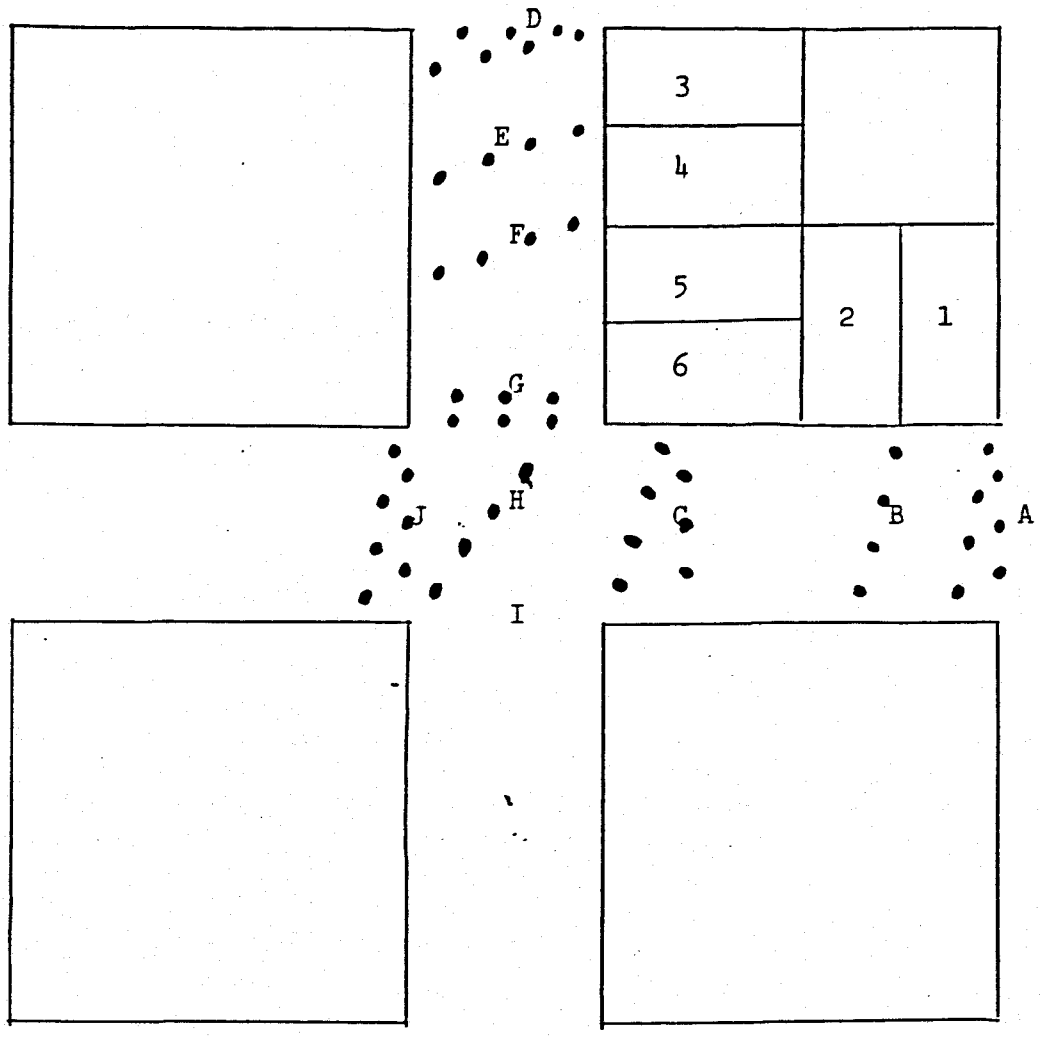
Scale 1" = 20'



SEQUENCE: START BREAKER A
CUT 1
ROW B
CUT 2
BREAKER C,D
CUT 3
ROW E
CUT 4
ROW F
CUT 5
BREAKER G
ROW H
CUT 6
BREAKER J, I

TR/DR Rec'd JUN 07 1985

Scale 1" = 20"

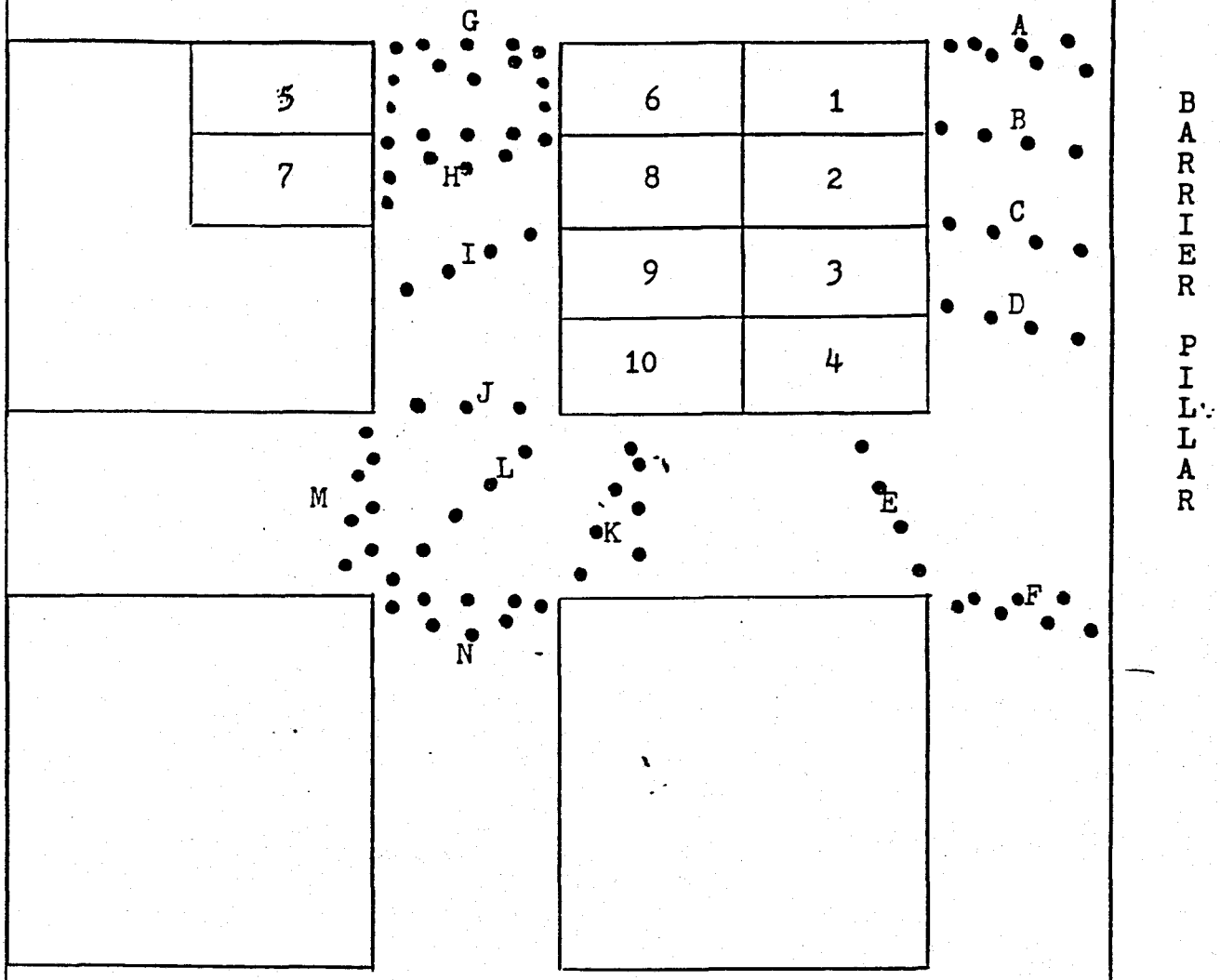


SEQUENCE: START BREAKER A
CUT 1
ROW B
CUT 2
BREAKER C, D
CUT 3
ROW E
CUT 4
ROW F
CUT 5
BREAKER G
ROW H
CUT 6
BREAKER I,J

JUN 07 1985

Scale 1" = 20'

RIGHT SIDE BARRIER PILLAR



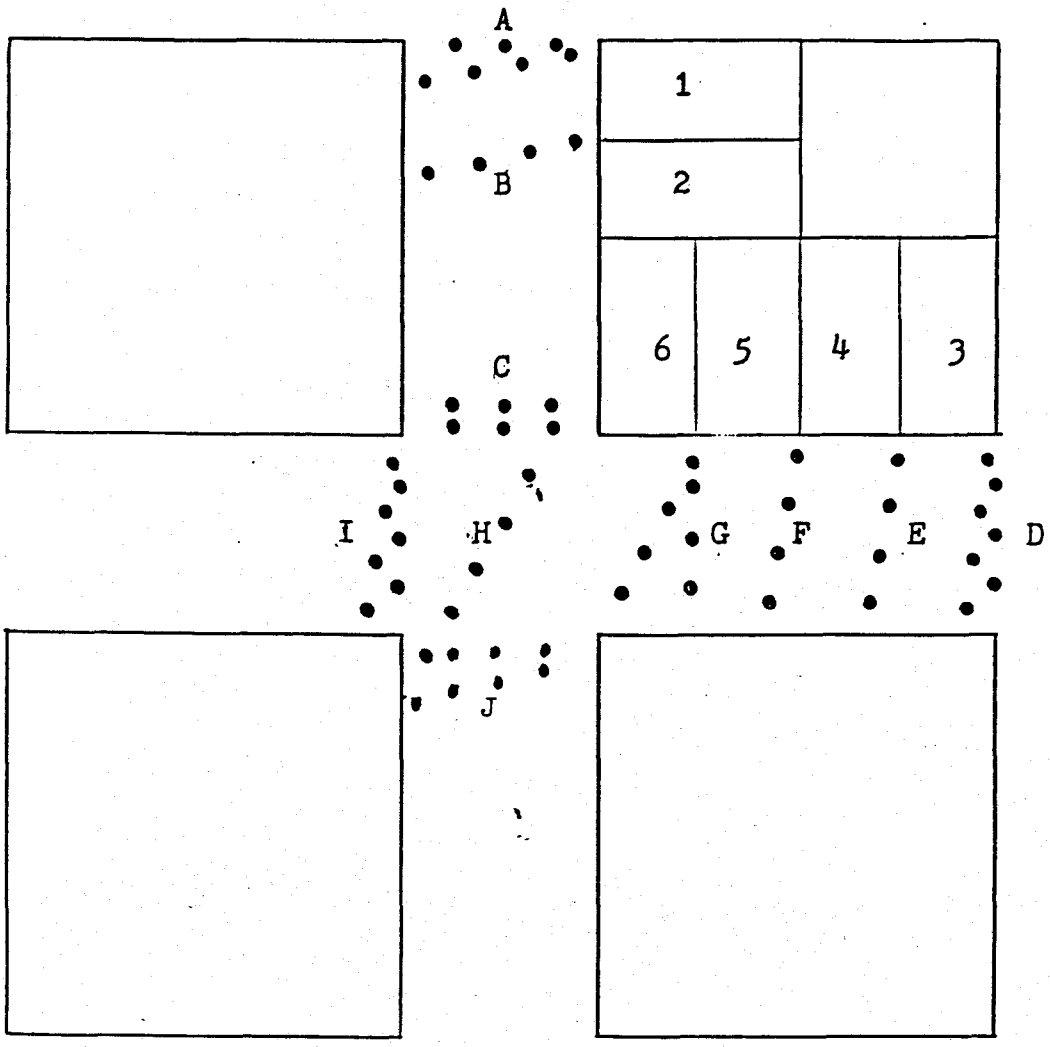
SEQUENCE: START BREAKER A
CUT 1
ROW B
CUT 2
ROW C
CUT 3
ROW D,E
CUT 4
BREAKER F,G
CUT 5
ENTRY TIMBER
CUT 6
ENTRY TIMBER
BREAKER H
CUT 7
ENTRY TIMBER
CUT 8
ROW I
CUT 9
ROW J,L
CUT 10
BREAKER M,N

NOTE: CUT 10 MAY BE TIMBERED THE SAME AS CUT 6 ON DRWG. 101

43250

GENWAL COAL CO	PILLAR RECOVERY PLAN	60' c-c 5/30/85	10-

Scale 1" = 20'



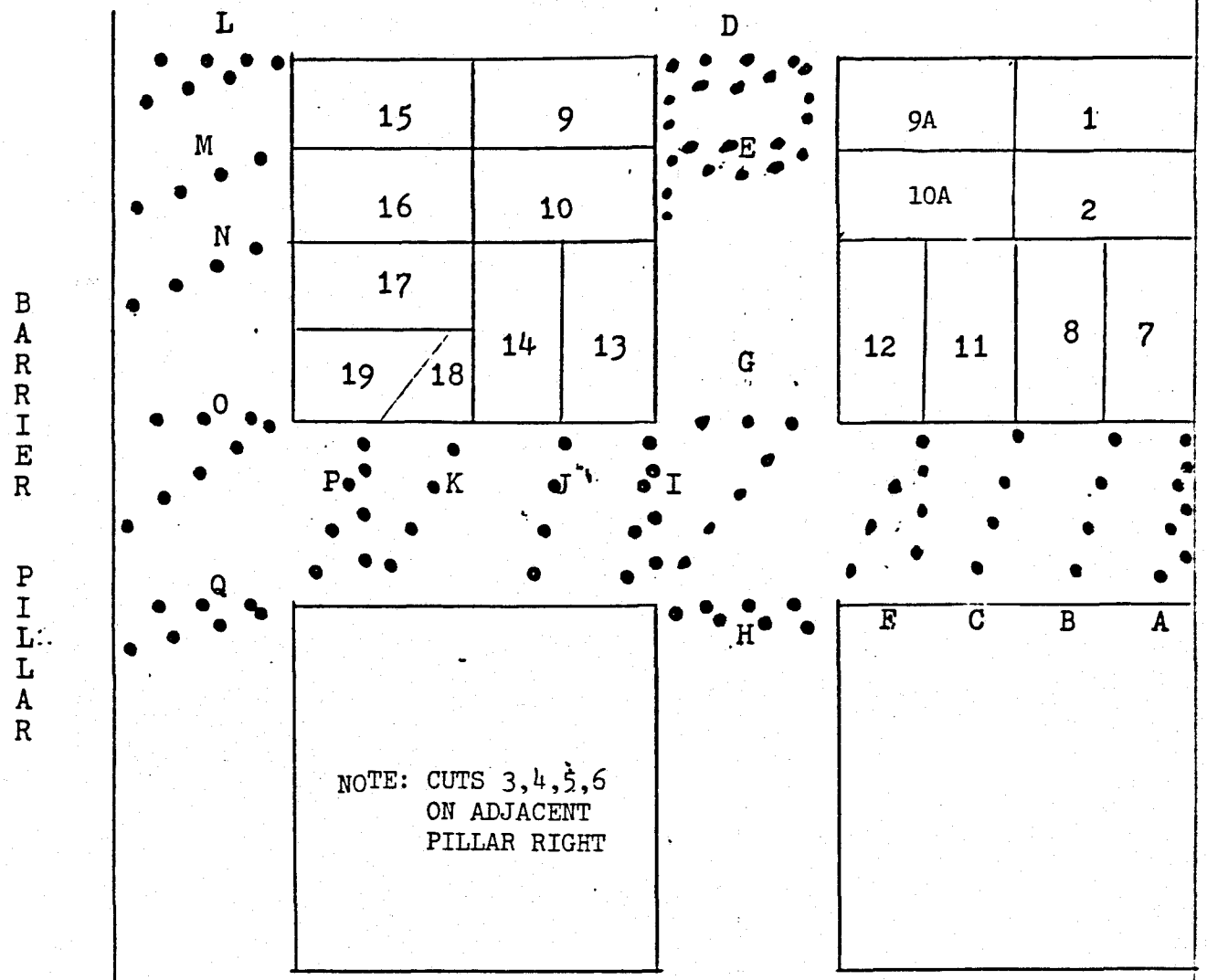
SEQUENCE: START BREAKER A
CUT 1
ROW B
CUT 2
BREAKER C,D
CUT 3
ROW E
CUT 4
ROW F
CUT 5
BREAKER G
ROW H
CUT 6
BREAKER I,J

NOTE: CUT 6 MAY BE TIMBERED AS CUT 6 IS TIMBERED ON DRWG. 101

JUN 07 1985

LEFT SIDE BARRIER PILLAR

Scale 1" = 20'



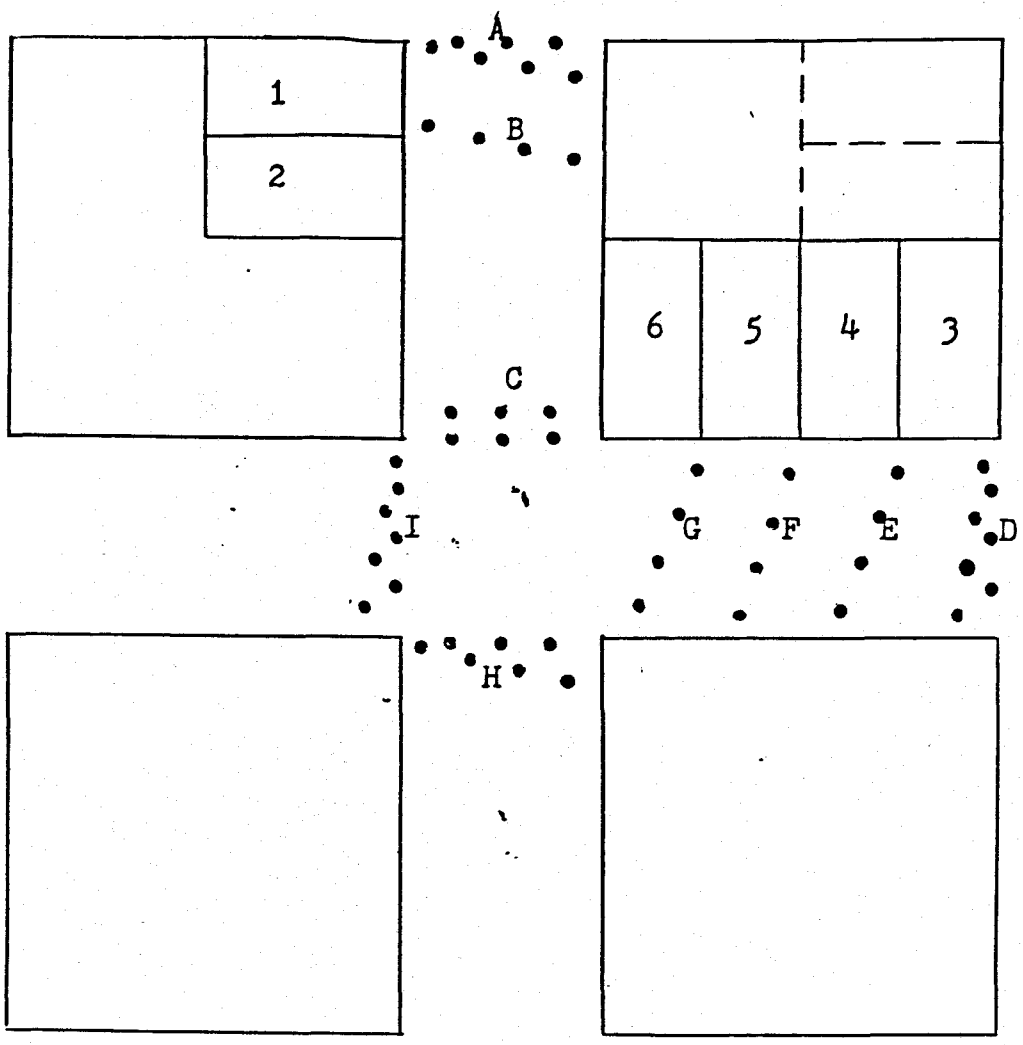
SEQUENCE: START CUTS 1,2,3,4,5,6 AS SHOWN ELSEWHERE

BREAKER A
CUT 7
ROW B
CUT 8
ROW C
BREAKER D
CUT 9
ENTRY TIMBER
CUT 9A
ENTRY TIMBER
BREAKER E
CUT 10
ENTRY TIMBER
CUT 10A
BREAKER G
CUT 11
BREAKER F
CUT 12
BREAKER H,I
CUT 13

CON'T

ROW J
CUT 14
ROW k
BREAKER L
CUT 15
ROW M
CUT 16
ROW N
CUT 17
BREAKER O
CUT 18 (IF NECESSARY)
BREAKER P
CUT 19
BREAKER Q

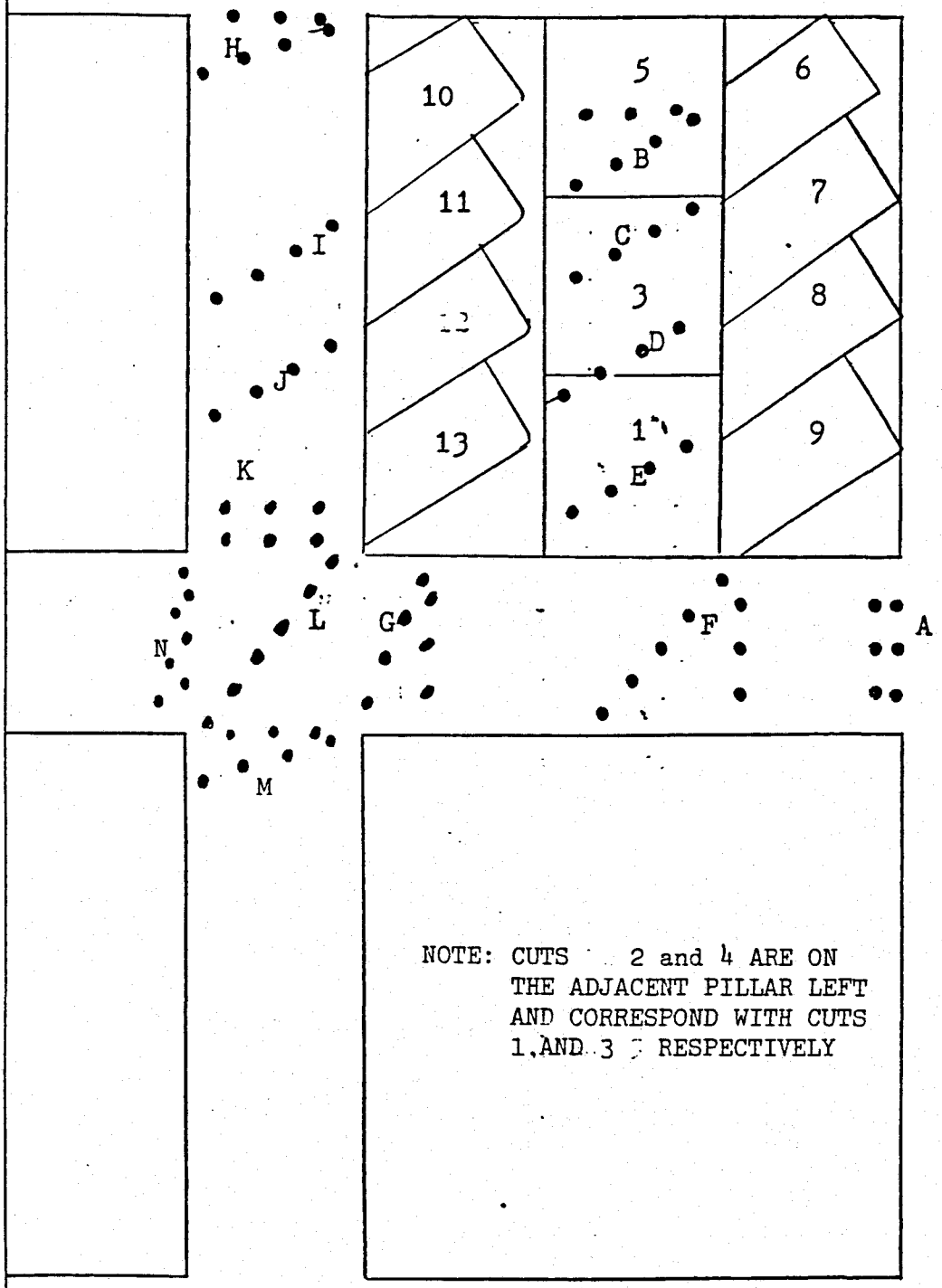
Scale 1"=20'



SEQUENCE: START BREAKER A
CUT 1
ROW B / CUT 2
BREAKER C,D
CUT 3
ROW E
CUT 4
ROW F
CUT 5
ROW G
CUT 6
BREAKER H,I

80' C-C PILLAR

Scale 1" = 20'



NOTE: CUTS 2 and 4 ARE ON THE ADJACENT PILLAR LEFT AND CORRESPOND WITH CUTS 1 AND 3 RESPECTIVELY

SEQUENCE: START CUT 1, BKR A
BOLT 1, CUT 2
BOLT 2, CUT 3
BOLT 3, CUT 4
BOLT 4, CUT 5
BREAKER B, F
CUT 6
ROW C
CUT 7
ROW D
CUT 8
ROW E
CUT 9
BREAKER G,H
CUT 10
ROW I
CUT 11
ROW J
CUT 12
BREAKER K, ROW L
CUT 13
BREAKER M,N