DATA PROCESSING CENTER WORK ORDER REQUEST

INSTRUCTIONS: Submit this form with each job to be processed. Please provide the information required by completing the applicable boxes below.

TO: Soil Conservation Service Data Processing Center P.O. Box 82503 Lincoln, NE 68501	PROGRAM NAME PSD	JOB NO. PSD Exercise NB
	DATE OF REQUEST 3-24-76	DATE NEEDED 3-29-76

REQUESTED BY: Field Office

TELEPHONE EXTENSION	ROOM NO.

__State Conservationist's Off.
__Program Services
__Budget & Finance
__Personnel
__Resource Planning
__Soil Survey
__Other _____

__Administrative
✓ Engineering
__Information
__Design & Construction
__Water Res. Planning
__National Soils Lab
__Soils Mechanics Lab

__Director's Off. MTSC
__Cartographic
__Cons. Tech.
__Employee Dev.
__Planning Tech.
__Soils

PRIORITY JOB: NO (YES) REASON: Contractor ready next week

APPROVED BY: _____
Supervisor

COMPUTER CENTER TO BE USED

___FCCC ___OTHER
___WCCC _____

LOCATION OF INPUT

___Attached ___FCCC
___Other ___WCCC ___Disk File Name
_____

Retention Period:

SPECIAL INSTRUCTIONS:

Forward this along with the next pages of field data to the state Conservation Engineers office for input to the T.S.C. Data processor.

I.M. Technician

START TIME/DATE	FINISH TIME/DATE	COST

NB-ENG-62
4/76
(File Code 13)

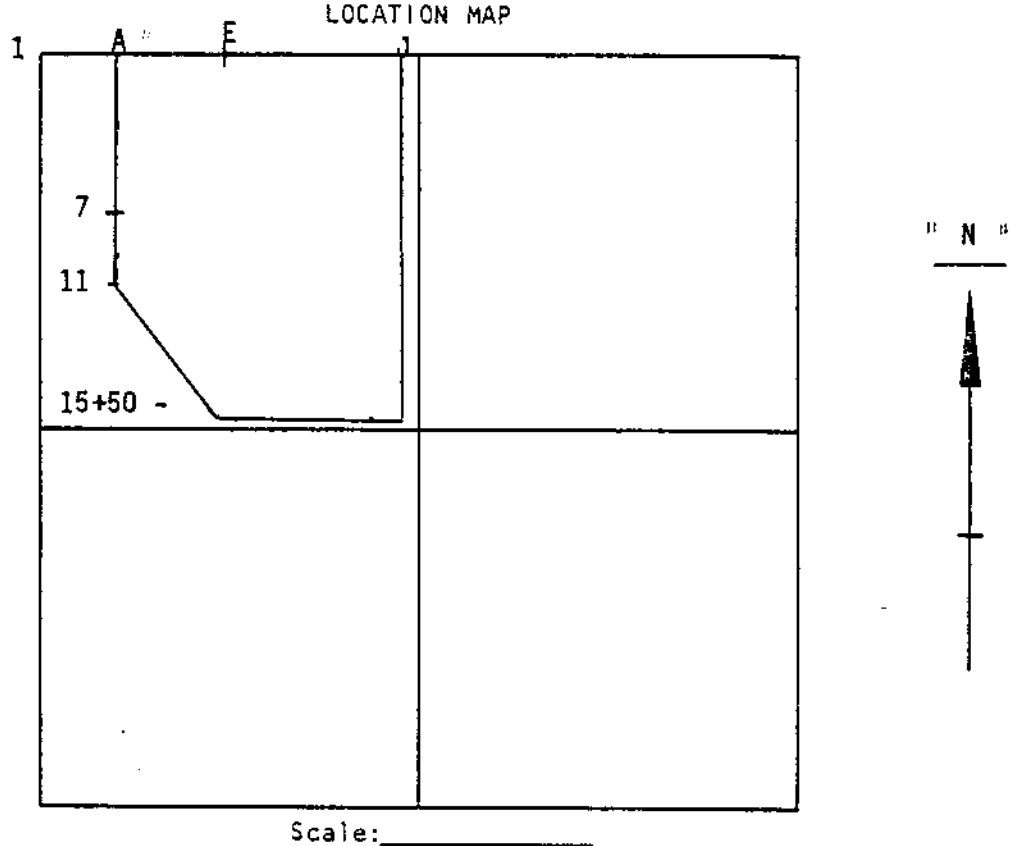
PLANE SURFACE DESIGN
TABLE 2

USDA - SCS

TITLE = PSD Exercise - NEBR - 1976 *Sheet 1 of 4

SPECIAL DESIGN INSTRUCTIONS:

LOCATION MAP

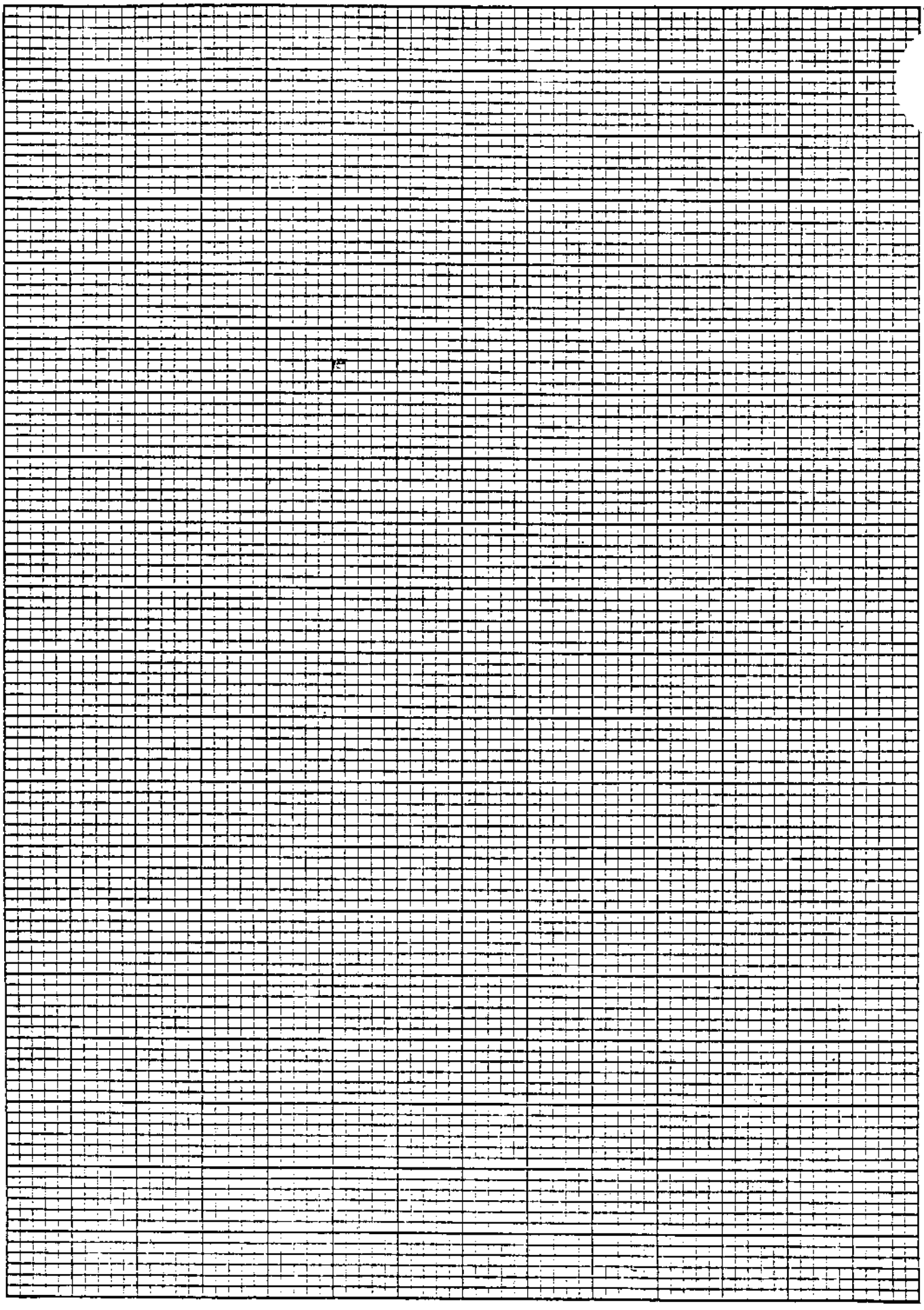


Scale:_____

Legal Description:_____Sec._____, T_____N, R_____E,W
District Agreement No._____; GPCP No._____
Design Survey ☐ Construction Check ☐

Date_____ _____
Technician and Title

The symbol * is a note to the computer for blank space or for information not used by the computer.



NB-ENG-61
4/76
(File Code 13)

PLANE SURFACE DESIGN
TABLE I

USDA - SCS
Sheet 2 of 4

TITLE = PSD Exercise

TITLE = Nebraska

*

BM = 100.0 * DESCRIPTION = Head of 1/2 in. Bolt N.W.

BS = 3.5 * Cor. Concrete Pipe

*HI = 103.5 *

*

GRID =

*

	A	B	C	D	E	F	G	H	I	J	J+50				
X+(A,1) =	1.9	1.9	1.7	1.5	1.0	1.2	1.4	1.6	1.6	1.6	1.6				
X+(A,2) =	2.2	2.1	1.9	1.9	1.4	1.4	1.4	1.9	2.0	2.0	2.1				
X+(A,3) =	2.6	2.5	2.3	2.1	2.0	2.0	2.0	2.4	2.4	2.3	2.3				
X+(A,4) =	2.9	2.8	2.6	2.5	2.3	2.5	2.5	2.7	2.7	2.7	2.6				
X+(A,5) =	3.2	3.1	3.0	2.9	2.5	2.9	2.9	3.1	3.0	3.0	2.5				
X+(A,6) =	3.6	3.4	3.4	3.2	3.0	3.2	3.2	3.4	3.4	3.3	3.1				
X+(A,7) =	3.9	3.8	3.7	3.5	3.3	3.4	3.4	3.7	3.8	3.7	3.5				
X+(A,8) =	4.3	4.2	4.2	4.0	3.7	3.7	3.8	4.2	4.2	4.1	3.5				
X+(A,9) =	4.5	4.6	4.6	4.5	4.2	4.2	4.0	4.2	4.3	4.4	4.4				
X+(A,10) =	5.1	5.0	5.0	4.6	4.8	4.6	4.5	4.3	4.3	4.6	4.6				
X+(A,11) =	5.4	5.4	5.3	5.1	5.0	5.3	4.8	4.8	4.8	4.9	5.0				
X+(C,12) =			5.7	5.6	5.4	5.6	5.1	5.2	5.1	5.3	5.1				
X+(D,13) =				5.9	5.8	6.0	6.0	6.0	5.9	5.9	5.8				
X+(D,14) =				6.4	6.3	6.3	6.5	6.5	6.4	6.3	6.1				
X+(D,15) =				6.7	6.6	6.6	6.8	6.9	7.0	7.2	6.8				
X+(E,15+50)=					6.6	6.8	7.0	7.1	7.3	7.3	6.9				

*

*DESIGN REQUIREMENTS

*

TITLE = _____

*

HUNDRECTH=1.

ORIGIN = _____

C/F RATIO = _____

BENCH = _____

BORROW = _____

WASTE = _____

MAXELEV (,) = _____

MINELEV (,) = _____

GO, DETAIL

*

TITLE = _____

SLOPE (X) = _____

SLOPE (Y) = _____

GO, DETAIL

*

TITLE = _____

SLOPE (X) = _____

SLOPE (Y) = _____

GO, DETAIL

*

TITLE = _____

SLOPE (X) = _____

SLOPE (Y) = _____

GO, DETAIL

END JOB

*

CROSS OUT ALL FRINGE POINTS IN DATA GRID AFTER ENTERING IN FRINGE AREAS.

CROSS OUT ALL COMPUTER COMMAND LINES NOT USED.

NB-ENG-61
4/76
(File Code 13)

PLANE SURFACE DESIGN
TABLE 1

USDA - SCS
Sheet 3 of 4

ITLE = PSD EXERCISE NEBR MARCH 1976

TITLE =

*

BM = * DESCRIPTION =
BS = *
*HI = *

*

GRID =

*

F(1) =	(B,11), (C,11), (C,12), (D,12), (D,13)
F(2) =	(E,15), (J,15), (J+50,15,6.8), (J+50,15+50,6.9), (J,15+50,7.3),
	(I,15+50,7.3), (H,15+50,7.1), (G,15+50,7.0), (F,15+50,6.8),
	(E,15+50,6.6)
F(3) =	(J+50,1,1.6), (J+50,2,2.1), (J+50,3,2.3), (J+50,4,2.6),
	(J+50,5,2.5), (J+50,6,3.1), (J+50,7,3.5), (J,7), (J,1)
F(4) =	(J+50,7,3.5), (J+50,8,3.5), (J+50,9,4.4), (J+50,10,4.6),
	(J+50,11,5.0), (J+50,12,5.1), (J+50,13,5.8), (J+50,14,6.1),
	(J+50,15,6.8), (J,15), (J,13), (J,12), (J,7)

*

*DESIGN REQUIREMENTS

*

TITLE = Run 1 - Plane of Best Fit - Entire Field

*

HUNDREDTH=1.

ORIGIN = Upper,left

C/F RATIO = 1.5

~~BENCH =~~

~~BORROW =~~

~~WASTE =~~

~~MAXELEV (,) =~~

~~MINELEV (,) =~~

GO, DETAIL

*

TITLE = Run 2 - Lines A thru E - 1 thru 15 F(1)

SLOPE (X) = -0.2, 0.2

SLOPE (Y) = -0.2, -0.6

Bench = (A,1),(E,1), (E,15),(A,15),F(1)

GO, DETAIL

*

TITLE = Run 3 - Lines E thru J - 1 thru 15 F(2),(3),(4)

SLOPE (X) = -0.2, 0.2

SLOPE (Y) = *Output from Run 2

MAXELEV (E,1) = *Output from Run 2

MINELEV (E,1) = *Output from Run 2

Bench = (E,1),(J,1),(J,15),(E,15), F(2),F(3),F(4)

GO, DETAIL

*

TITLE = Run 4 - Lines A thru J - 1 thru 7 - F(3)

SLOPE (X) = -0.2, 0.2

SLOPE (Y) = -0.2, -0.6

MAXELEV (E,1) = 105.0 *These values are used to override

MINELEV (E,1) = 95.0 *The elev entered for Run #3

Bench = (A,1), (J,1), (J,7), (A,7), F(3)

GO, DETAIL

~~END JOB~~

*

CROSS OUT ALL FRINGE POINTS IN DATA GRID AFTER ENTERING IN FRINGE AREAS.

CROSS OUT ALL COMPUTER COMMAND LINES NOT USED.

NB-ENG-61
4/76
(File Code 13)

PLANE SURFACE DESIGN
TABLE 1

NB 15-81

USDA - SCS
Sheet 4 of 4

TITLE = _____

TITLE = _____

*

BM = _____ * DESCRIPTION = _____

BS = _____ * _____

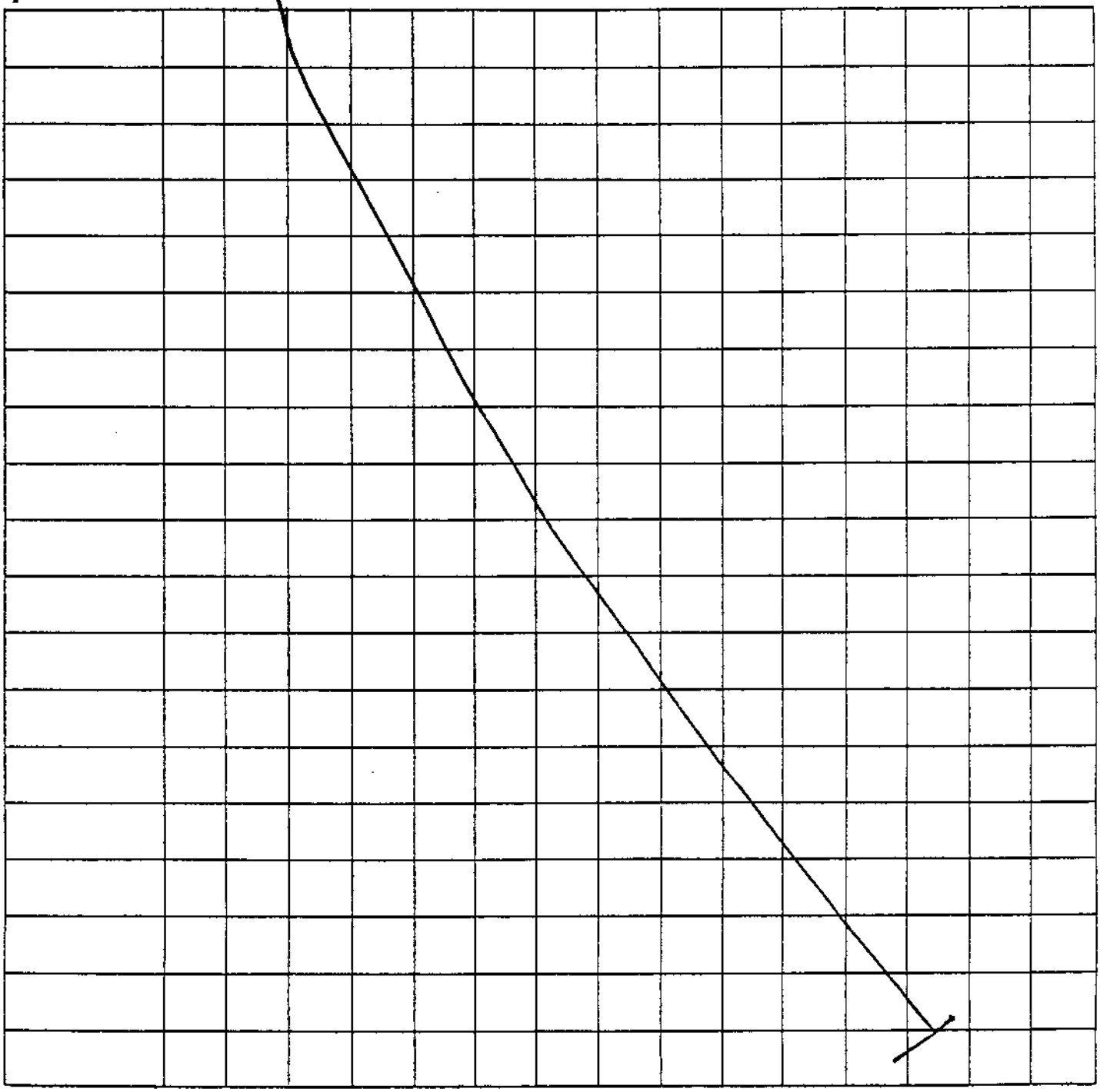
*HI = _____ * _____

SEE REVERSE

*

GRID = _____

*



```
*
*DESIGN REQUIREMENTS
*
TITLE = Run 5  Lines A thru J - 7 thru 15  (F(1), (2), (4)
*
HUNDREDTH=1.
ORIGIN =
C/F RATIO =
BENCH = (A,7), (J,7), (J,15), F(1), F(2), F(4)
BORROW =
WASTE =
MAXELEV ( E , 7 ) = *Output from Run 4
MINELEV ( E , 7 ) = *Output from Run 4
GO, DETAIL
*
TITLE =
SLOPE (X) =
SLOPE (Y) =

GO, DETAIL
*
TITLE =
SLOPE (X) =
SLOPE (Y) =

GO, DETAIL
*
TITLE =
SLOPE (X) =
SLOPE (Y) =

GO, DETAIL
*
TITLE =
SLOPE (X) =
SLOPE (Y) =

GO, DETAIL
END JOB
```

• End Run

CROSS OUT ALL FRINGE POINTS IN DATA GRID AFTER ENTERING IN FRINGE AREAS.

CROSS OUT ALL COMPUTER COMMAND LINES NOT USED.