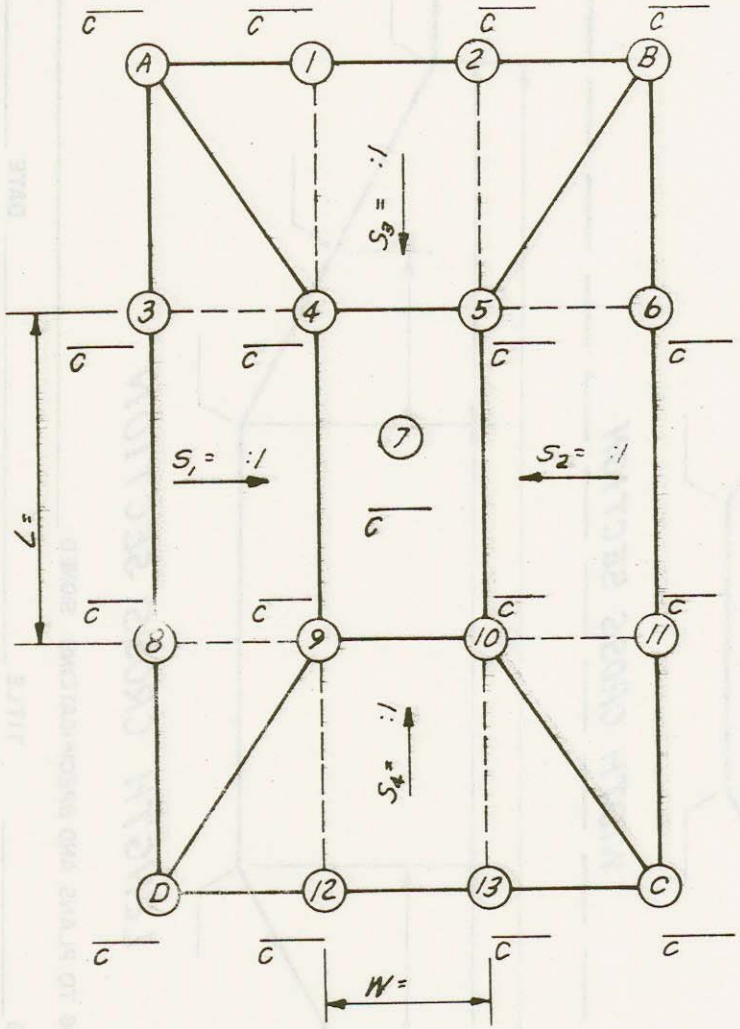
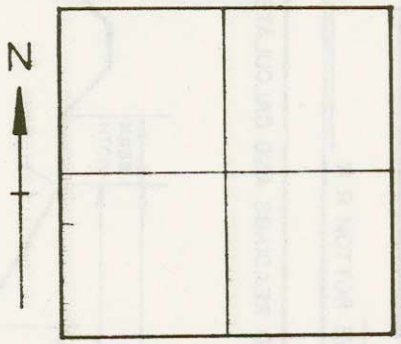


LOCATION MAP



___Sec.___T.___R.___

STA.	B.S.	H.I.	F.S.	G.R.	EL.
B.M.					
BOTTOM					

B. M. DESCRIPTION AND LOCATION _____

LOCATION CUT

A _____
B _____
C _____
D _____
SUM _____ X 1 = _____
1 _____
2 _____
3 _____
6 _____
8 _____
11 _____
12 _____
13 _____
SUM _____ X 2 = _____
4 _____
5 _____
7 _____
9 _____
10 _____
SUM _____ X 4 = _____

TOTAL _____

WEIGHTED DEPTH "h" = $\frac{\text{TOTAL}}{40}$ = $\frac{____}{40}$ = _____ FT.

S. D. CONSTRUCTION SPECIFICATIONS:

_____
_____
_____

SPECIFICATION NOTES:

_____
_____
_____
_____
_____

LOG OF BORINGS

EXCAVATED POND

OPERATOR _____

CONSERVATION DISTRICT _____

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed ..... Date ..... Approved by .....
Title .....
Comps. ..... Title .....
Checked ..... Sheet No. ..... of ..... Drawing No. .....
Layout .....

STRUCTURE DATA:

END SLOPE — S_3 _____ S_4 _____
SIDE SLOPE _____
MINIMUM DEPTH _____ FEET
BERM WIDTH _____ FEET
SURFACE AREA _____ ACRES
STORAGE _____ ACRE FEET
WATER SOURCE (GROUND) (RUNOFF)

TABLE OF QUANTITIES

ITEM	UNIT	QUANTITY
EXCAVATION	CU. YD.	

JOB PLAN NO. 70 (Rev. 5-79)

EXCAVATED VOLUME COMPUTATIONS (METHOD I)

A	Bottom Width _____	X	F	Bottom Length _____	(A x F)
B	S_1 h _____ x _____ = _____		G	S_3 h _____ x _____ = _____	
C	S_2 h _____ x _____ = _____		H	S_4 h _____ x _____ = _____	
D	Top Width (A+B+C=D) _____	X	I	Top Length (F+G+H=I) _____	(D x I)
E	Bottom Width plus Top Width _____ (A+D=E)	X	J	Bottom Length plus Top Length _____ (F+I=J)	(E x J)
				Sum	

V = h( ) x Sum ( ) = _____ cu. yd.
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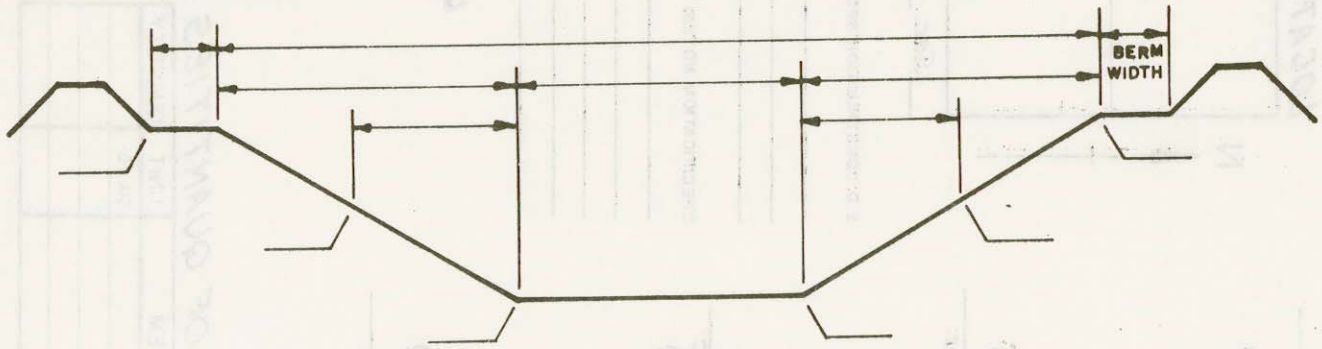
VOLUME (from tables): _____

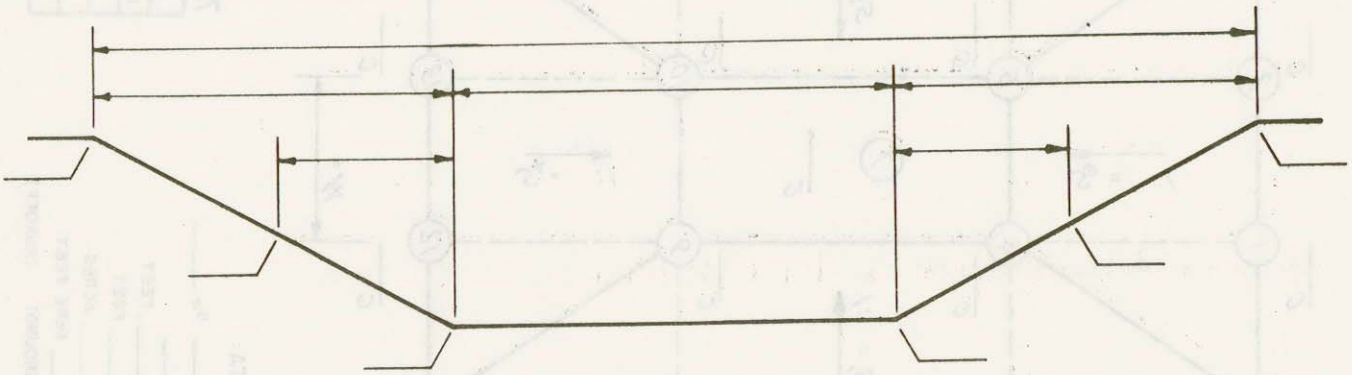
CONSTRUCTION CHECK

STA.	B. S.	H. I.	F. S.	EL.	DESIGNED BOTTOM EL. _____ REQUIRED GR. ROD _____ ; AVE. BOTTOM R. R. _____
B.M.					

COMPLETE ALL DIMENSIONS AND ROD READINGS ON CROSS SECTIONS. SHOW ROD READINGS AND CALCULATE GRADE ROD ROD READING / GRADE ROD



WIDTH CROSS SECTION



LENGTH CROSS SECTION

CONSTRUCTED ACCORDING TO PLANS AND SPECIFICATIONS: SIGNED: _____

YES _____ NO _____ TITLE _____ DATE _____