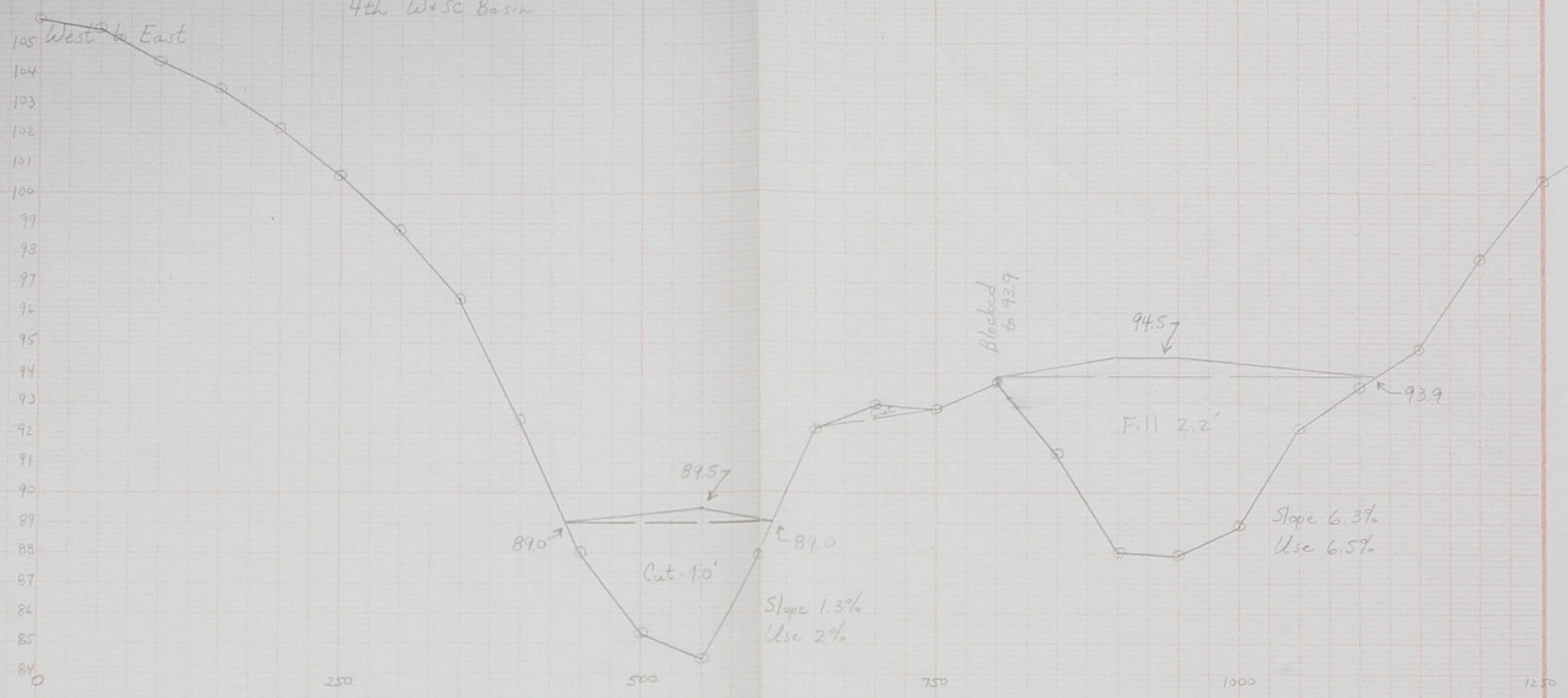

D.A. = 3.1 Ac.
Soil Loss = 10.8 T/Ac./Yr.
$\frac{(3.1)(43560)(2.7")}{12"} = 30384$
$\frac{30384}{800} = 38°$
$(38°)(16\ segs) = 608°$

STA	FILL HT	STORAGE
4+50	1.0	10
5+00	3.7	287
5+50	4.5	439
6+00	1.1	14
		750°

ADEQUATE

DA = 3.1 Ac.
Soil Loss = 17.1 T/Ac./Yr.
$\frac{(3.1)(43560)(2")}{12"} = 22506$
$\frac{22506}{550} = 41°$
$(41°)(11\ segs) = 451°$

STA	FILL HT	STORAGE
8+50	2.6 (1.4)	13 (0)*
9+00	5.9 (4.7)	179 (99)
9+50	6.0 (4.8)	186 (105)
10+00	5.0 (3.8)	117 (54)
		495° 259°

ADEQUATE

#1 & 2 surveyed/staked 9-16-85
#3 & 4 staked 9-17-85

	(107.2)		
4.76	107.23		10247
2.7	104.5	3E	
		F 2.0	
12.2	95.0	3W	
		F 0.5	
13.3	93.9	4E	
		F 2.2	
18.2	89.0		
		C 1.0	

* discussion with Lyle Stockton 9-25-85 resulted in decision by Lyle to lower fill height of #4 east terrace by 1.0 to 1.2 feet with construction of emergency spillway at west end. Emergency spillway WILL NOT drain to #4 west. Terrace #4 east will not meet design specifications.

Lyle Stockton
W+SC Basins

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

	Date		
Designed D. DeRoeun	9/85	Approved by	
Drawn D. DeRoeun	9/85	Title	
Traced		Title	
Checked		Sheet No. 2 of 2	Drawing No. 19-6206-403

SCS-ENG-316 (Rev. 6-75)