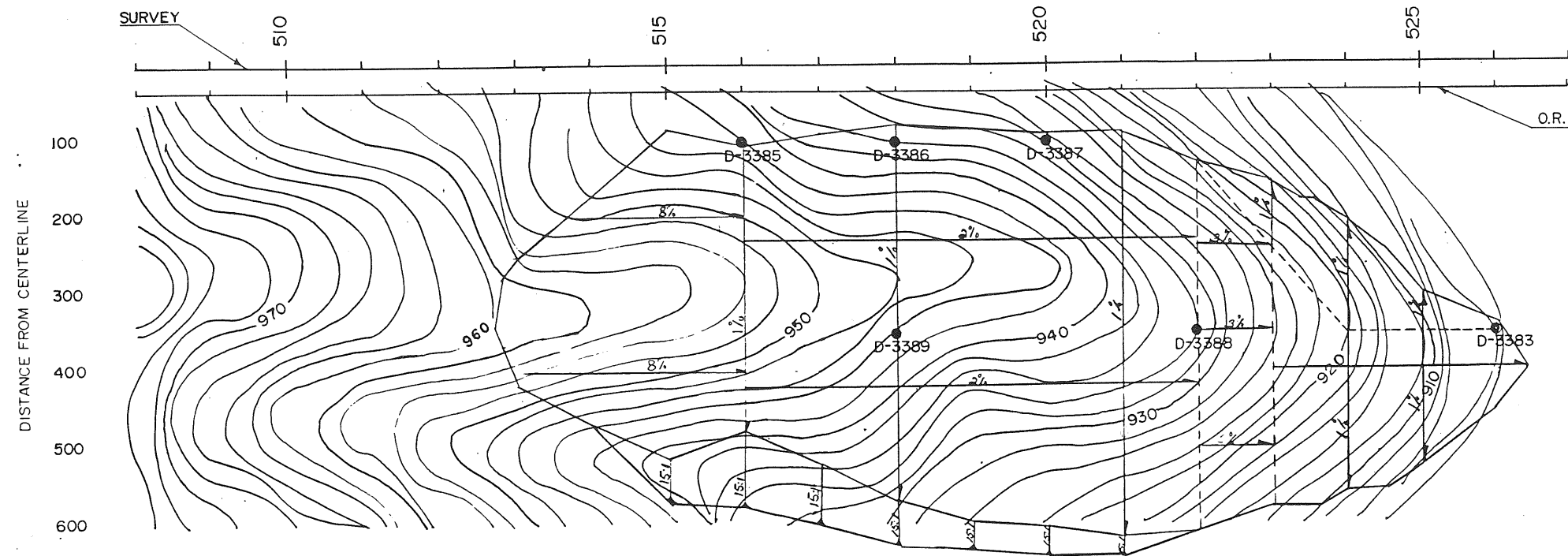


DATE	
BY	
FINAL SURVEY	
NO. OF SHEETS	
NOTE BOOK	
AREAS CHECKED	

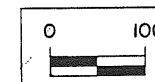
DATE	
BY	
ORIGINAL SURVEY	
NO. OF SHEETS	
NOTE BOOK	
AREAS CHECKED	



LE GRAND TWP  
T-83-N R-17-W  
SEC 14



SCALE



BORROW SHEET NO. 1

BORROW "A" = 13.03 ACRES

TOTAL CLASS 10 AVAIL. = 164,912

TOTAL SELECT AVAIL. = 28,907

TOTAL TOPSOIL AVAIL. = 22,081

TOTAL AVAIL. = 215,900

TOTAL CLASS 10 NEEDED = 148,600

TOTAL SELECT NEEDED = 22,631

TOTAL TOPSOIL NEEDED = 22,081

TOTAL NEEDED = 193,312

RUNNING 44 232 6627 1DOT 317043

DESCRIPTION FROM E49 N. TO US 30 (1.9 MI)			
SOIL SURVEYOR G. BUNYAN	DATE 1/89	WATER	DENS. CORE
DESIGNER/CADD J. MCCOLLOUGH	DATE 2/89	(S) SAMPLE	SHELBY
SOILS BOOK NO. S-64-H		SHALE	PLUGGED
SELECT SOIL	UNSUITABLE	ROCK	MOISTURE
SELECT SAND	SANDY SOIL		

SOILS DESIGN

COUNTY MARSHALL

PROJECT NUMBER	F-146-4(8)-20-64	STATE	IOWA	FHWY	7	FISCAL YEAR		SHEET NO.	R.01	TOTAL SHEETS	
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