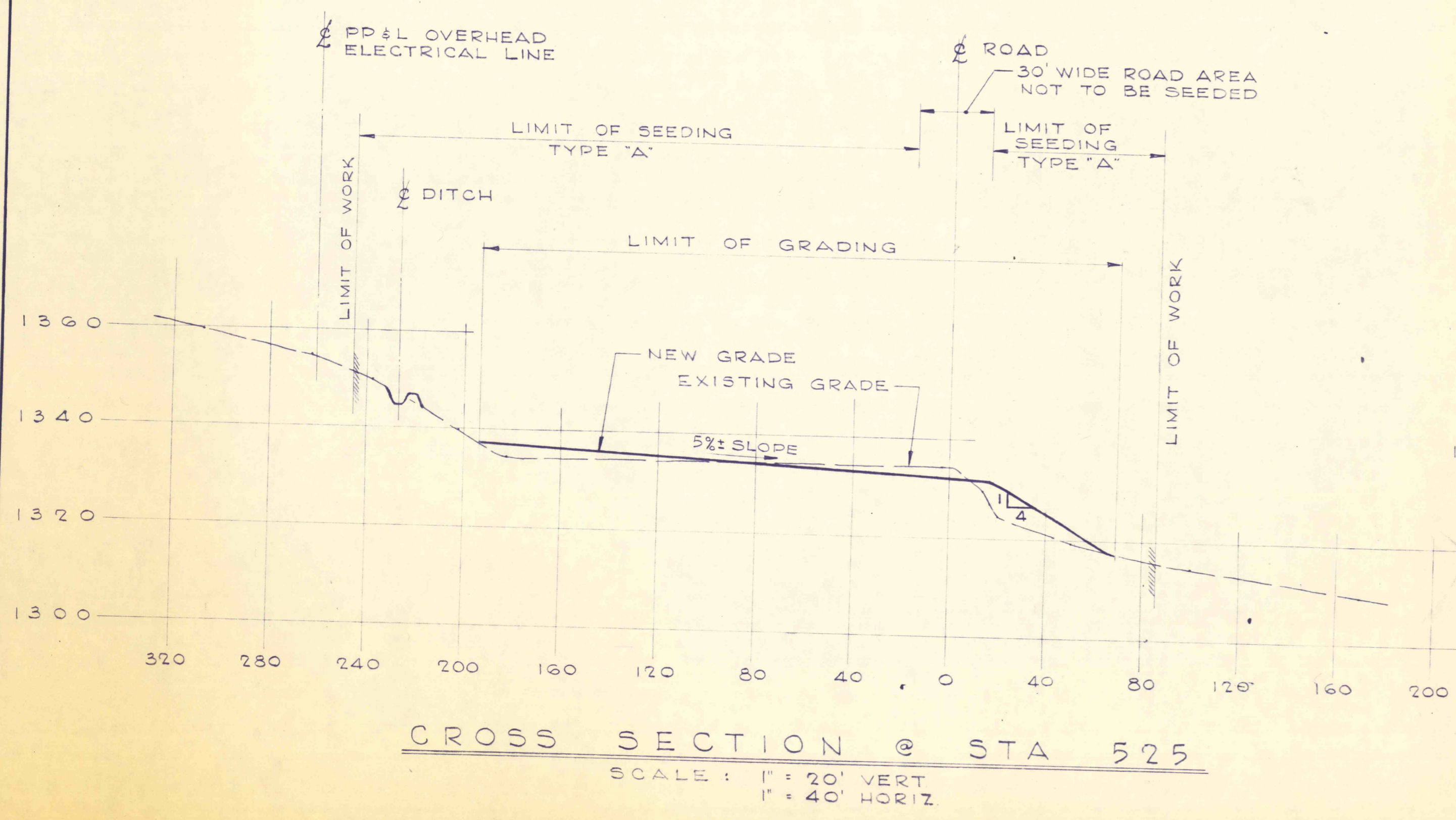


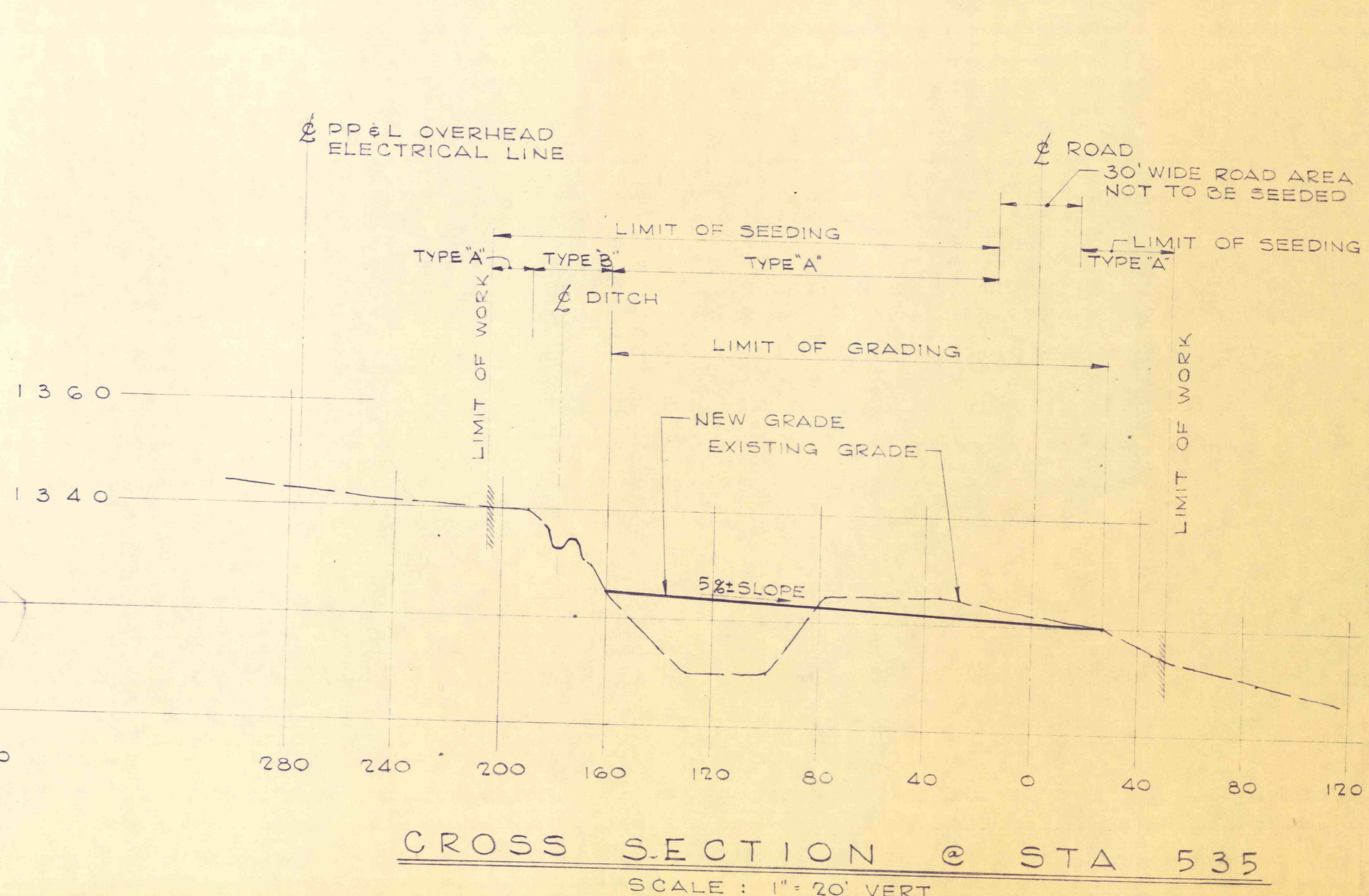
STA 521+00	
PIPE UNDER BERM	24" S MIN = 8%
1/2 SECTION SLOPE DRAIN	30" S MIN = 10%
PIPE UNDER ROAD	30" S = 2%

STA 533+00	
PIPE UNDER BERM	30" S MIN 4%
1/2 SECTION SLOPE DRAIN	36" S MIN 5%
PIPE UNDER ROAD	36" S 2%

**PLAN STA 519 TO 540**  
SCALE: 1" = 100'



**CROSS SECTION @ STA 525**  
SCALE: 1" = 20' VERT  
1" = 40' HORIZ



**CROSS SECTION @ STA 535**  
SCALE: 1" = 20' VERT  
1" = 40' HORIZ

FOR LEGEND AND NOTES SEE DRAWING NO. 2

NO.	DATE	REVISION	APPR.

SUBMITTED *Thomas Richard Babatz*  
PROFESSIONAL

APPROVED *Robert A. Pansini*  
CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION

APPROVED *Butler*  
DIRECTOR - BUREAU OF CONSULTING SERVICES



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
OFFICE OF ENGINEERING AND CONSTRUCTION

PROJECT NO. SL 170-1A  
STRIP MINE RECLAMATION  
QUICK START PROJECT "D"  
STATE GAME LAND NO. 264  
WICONISCO CREEK WATERSHED  
DAUPHIN COUNTY, PENNA.

**SANDERS AND THOMAS, INC.**  
CONSULTING ENGINEERS  
EXECUTIVE OFFICES: POTTSTOWN, PENNSYLVANIA  
BRANCH OFFICES: PHILADELPHIA, PA. - LONG ISLAND, N.Y. - MIAMI, FLA.  
PITTSBURGH, PA. - BALTIMORE, MD. - LONG BEACH, CALIF. - WASHINGTON D.C.

**PLAN STA. 519 TO 540**  
**&**  
**CROSS - SECTION**

DRAWN BY D.A.R.	DATE DEC. 5, 1972	DRAWING NO. 5 OF 7
CHECKED BY T.B.	SCALE AS NOTED	