14-104.43

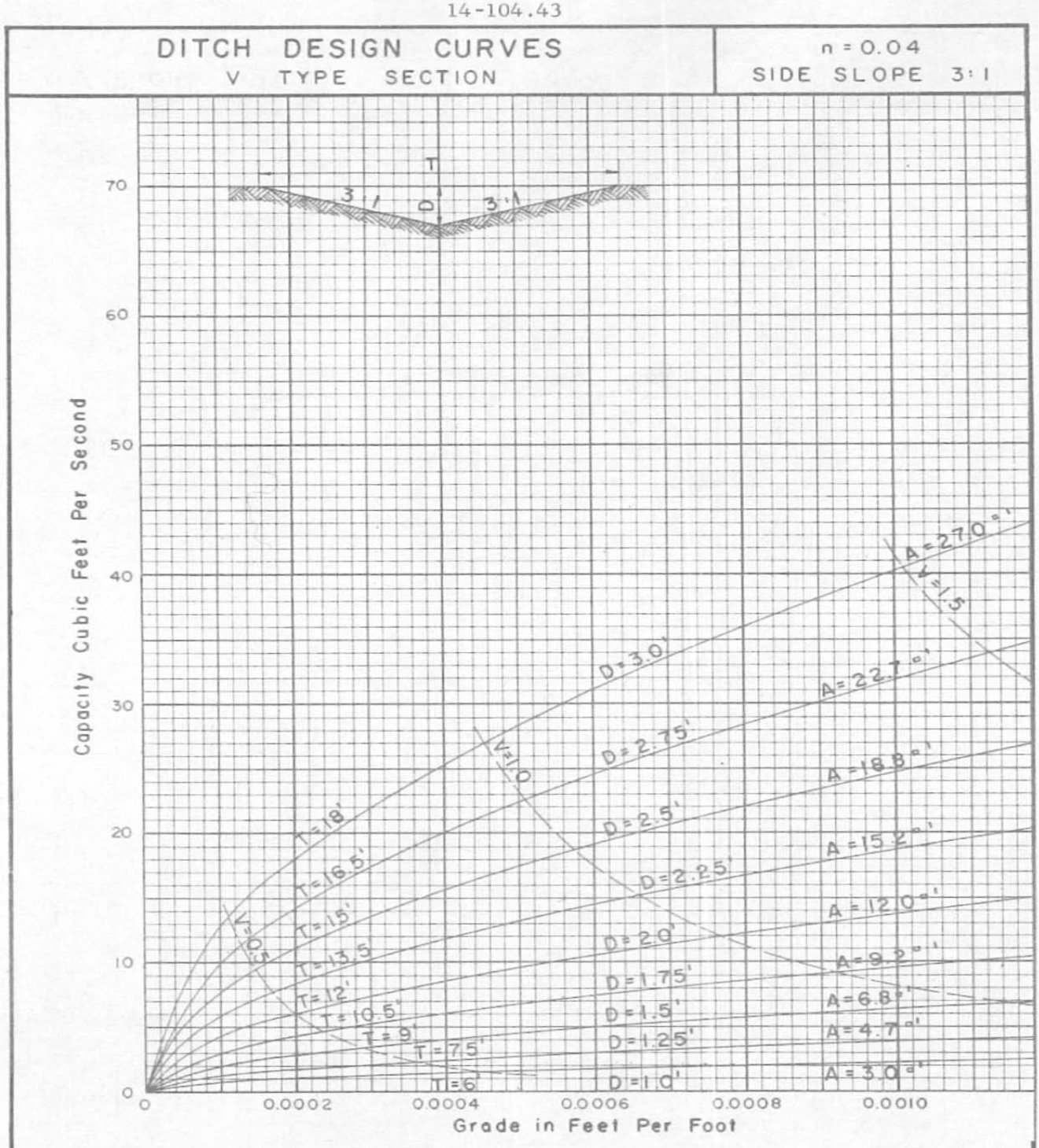


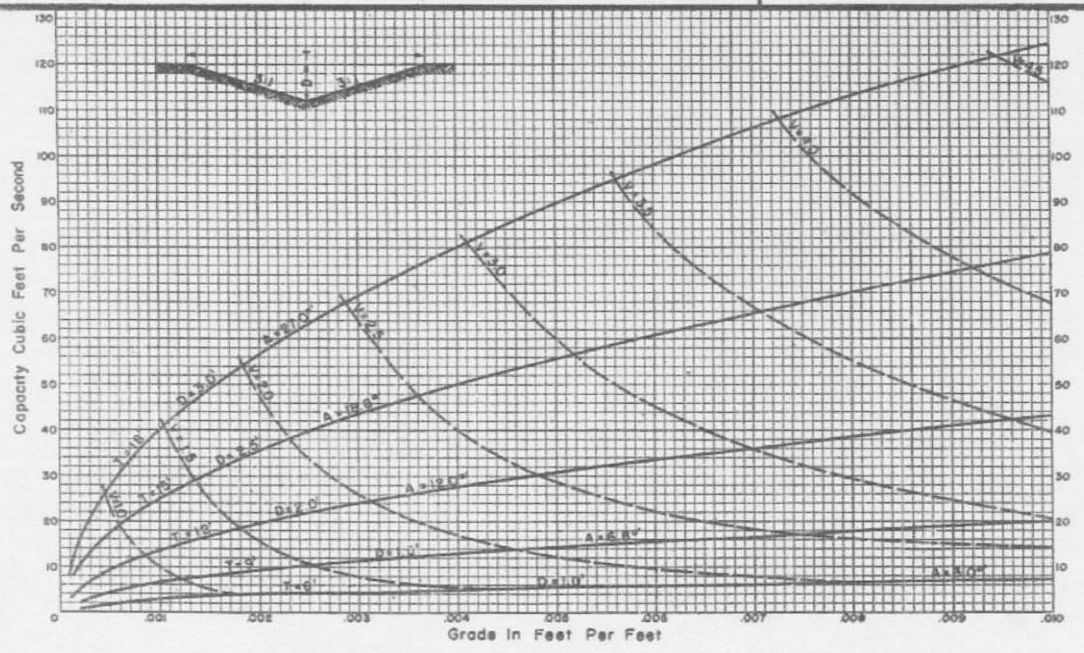
Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE	RTSC-NE-ENG.
MANNING'S EQUATION	SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 1 OF 12

14-104.44

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 3:1



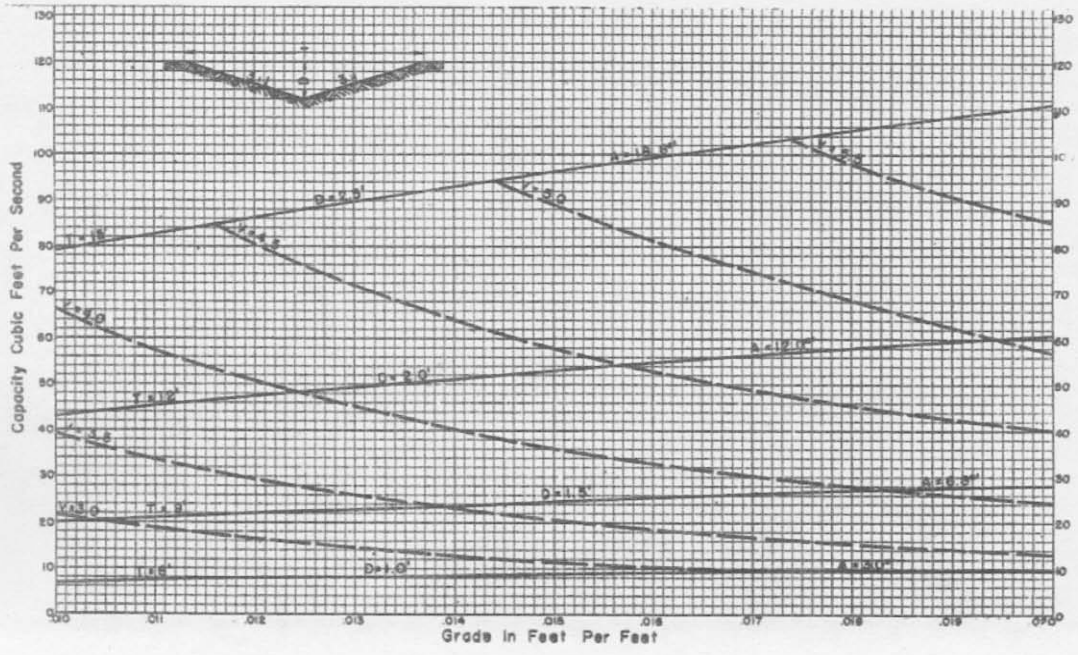


Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	RTSC-NE-ENG. 1430 SHEET 2 OF 12
MANNING'S EQUATION		

14-104.45

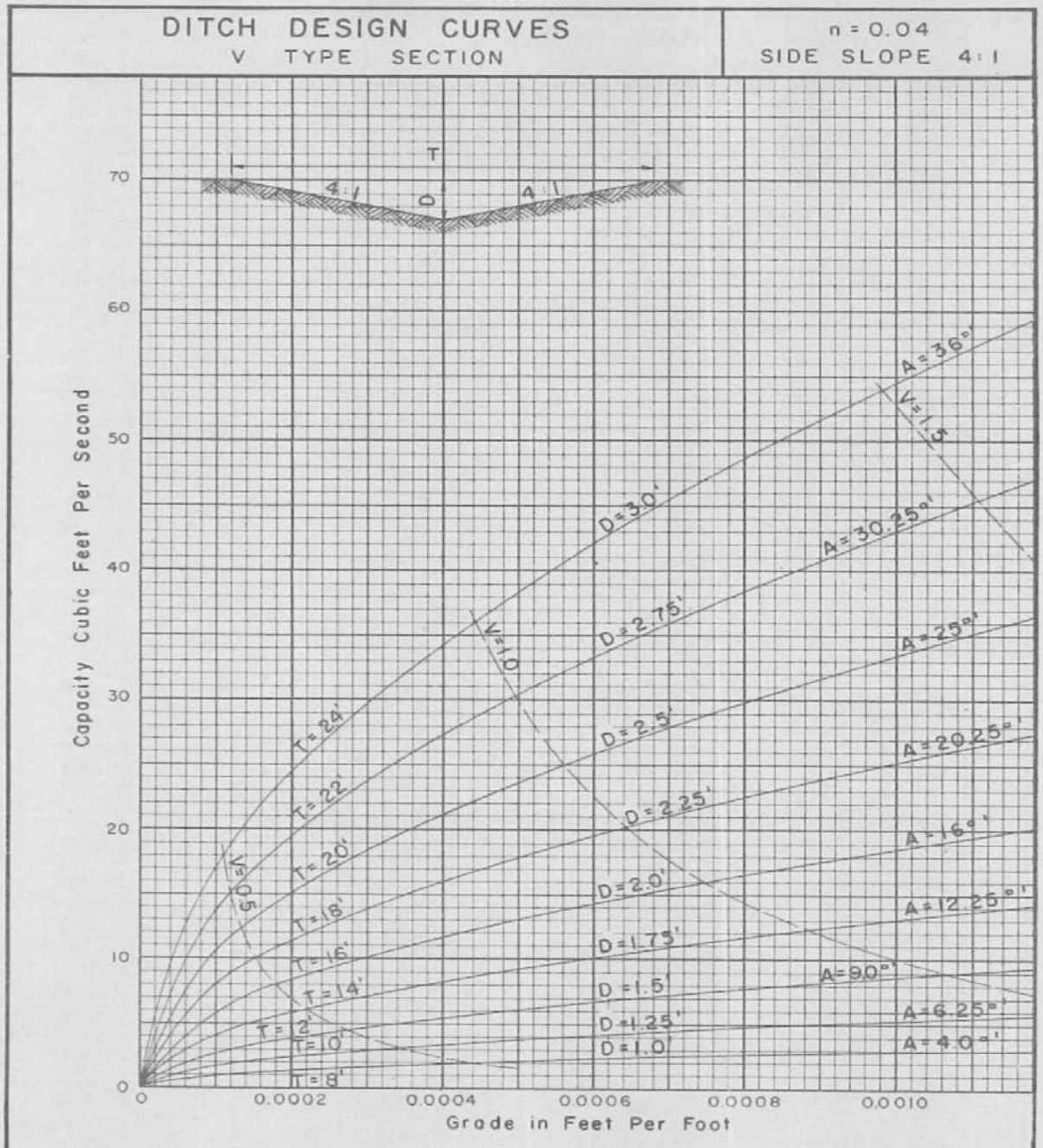


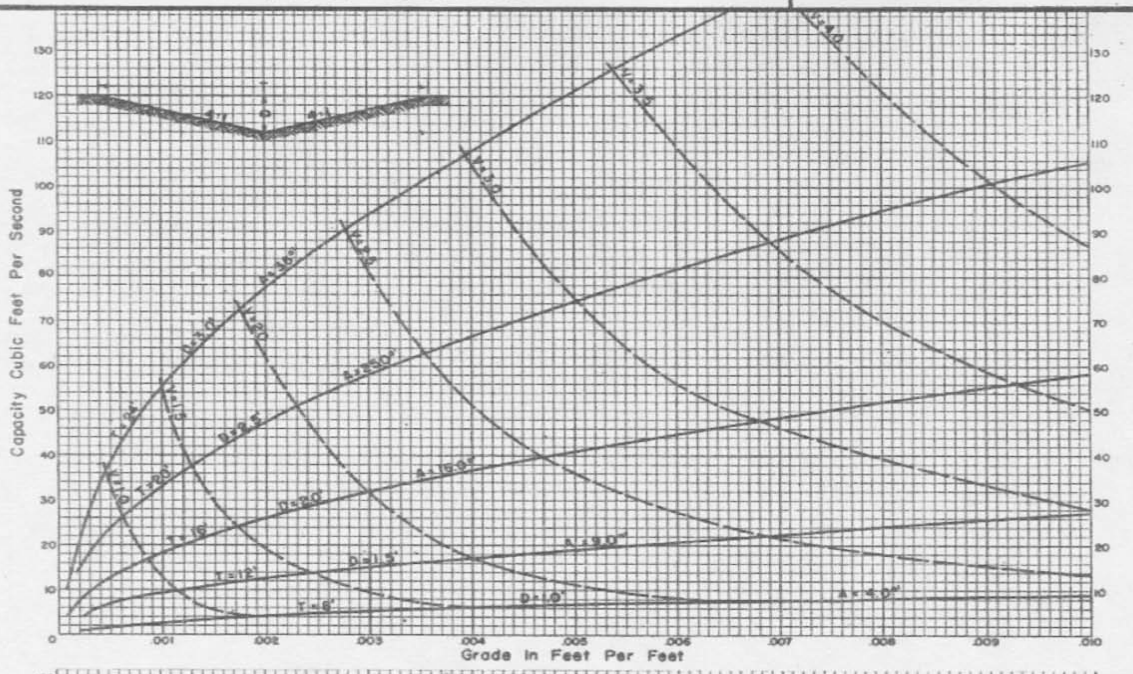
Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE	RTSC-NE-ENG.
MANNING'S EQUATION	SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 3 OF 12

14-104.46

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 4:1



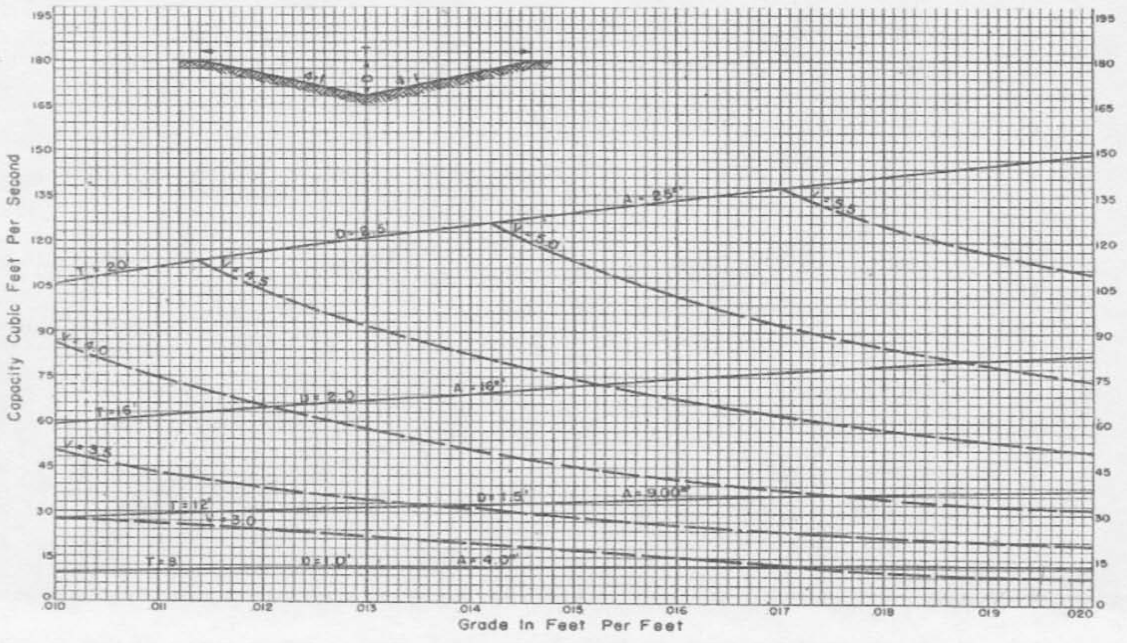


Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	RTSC-NE-ENG.
MANNING'S EQUATION	ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 4 OF 12

14-104.47

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 5:1

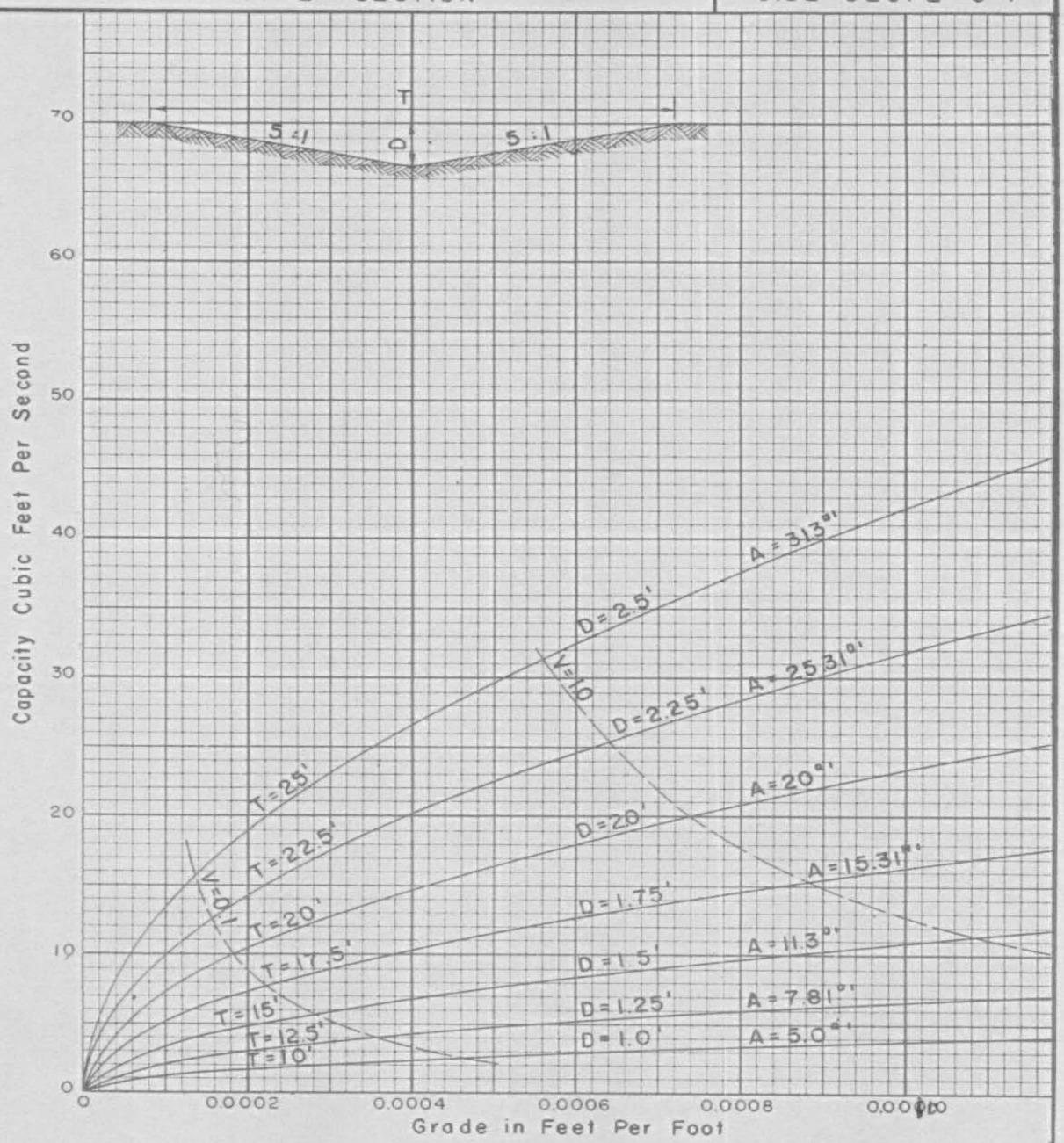


Exhibit 14-6.2

NNTC NOTICE 4

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	RTSC-NE-ENG.
MANNING'S EQUATION	ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 5 OF 12

14-104.48

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 5:1

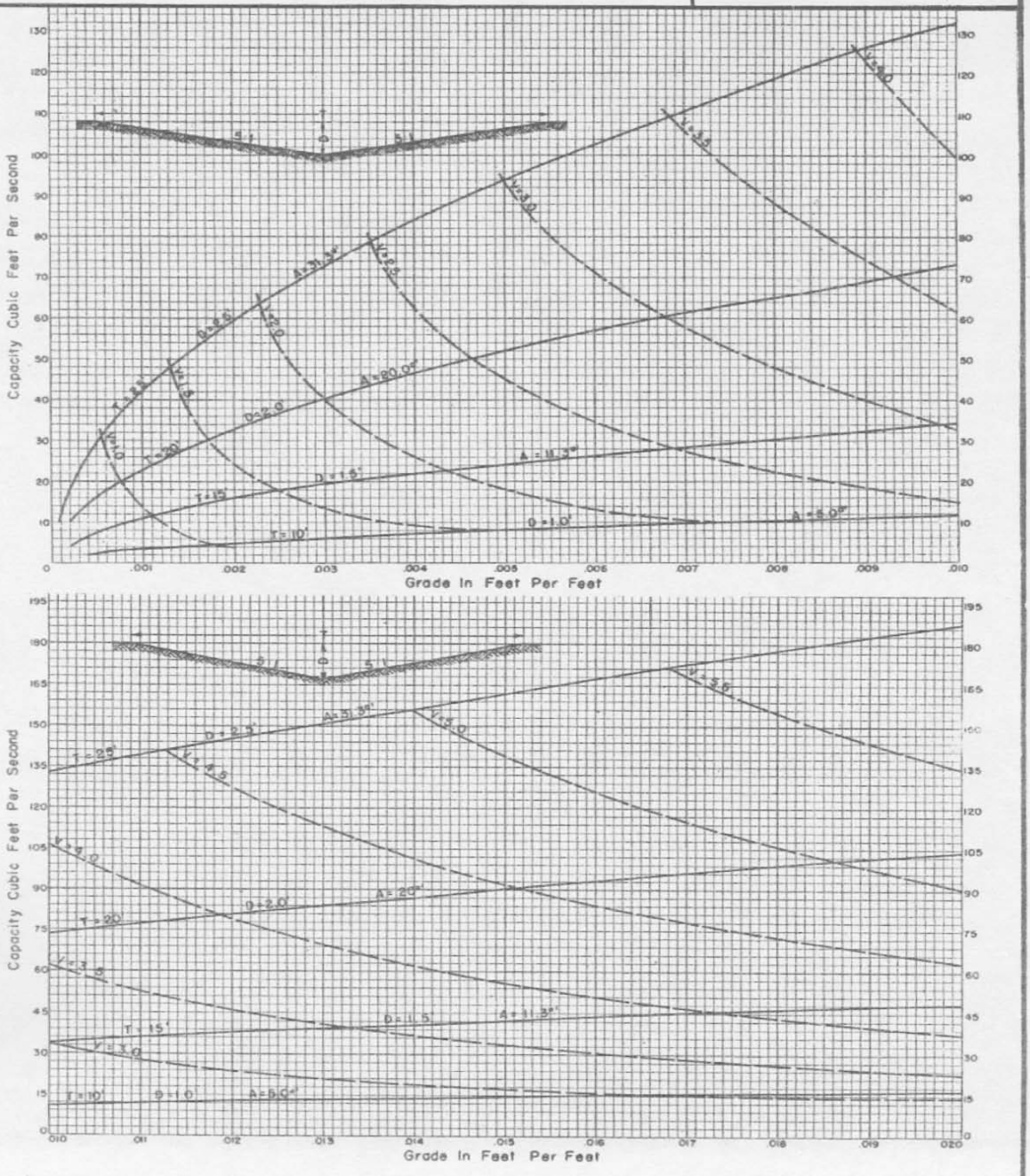


Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE	RTSC-NE-ENG.
MANNING'S EQUATION	SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 6 OF 12

14-104.49

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 6:1

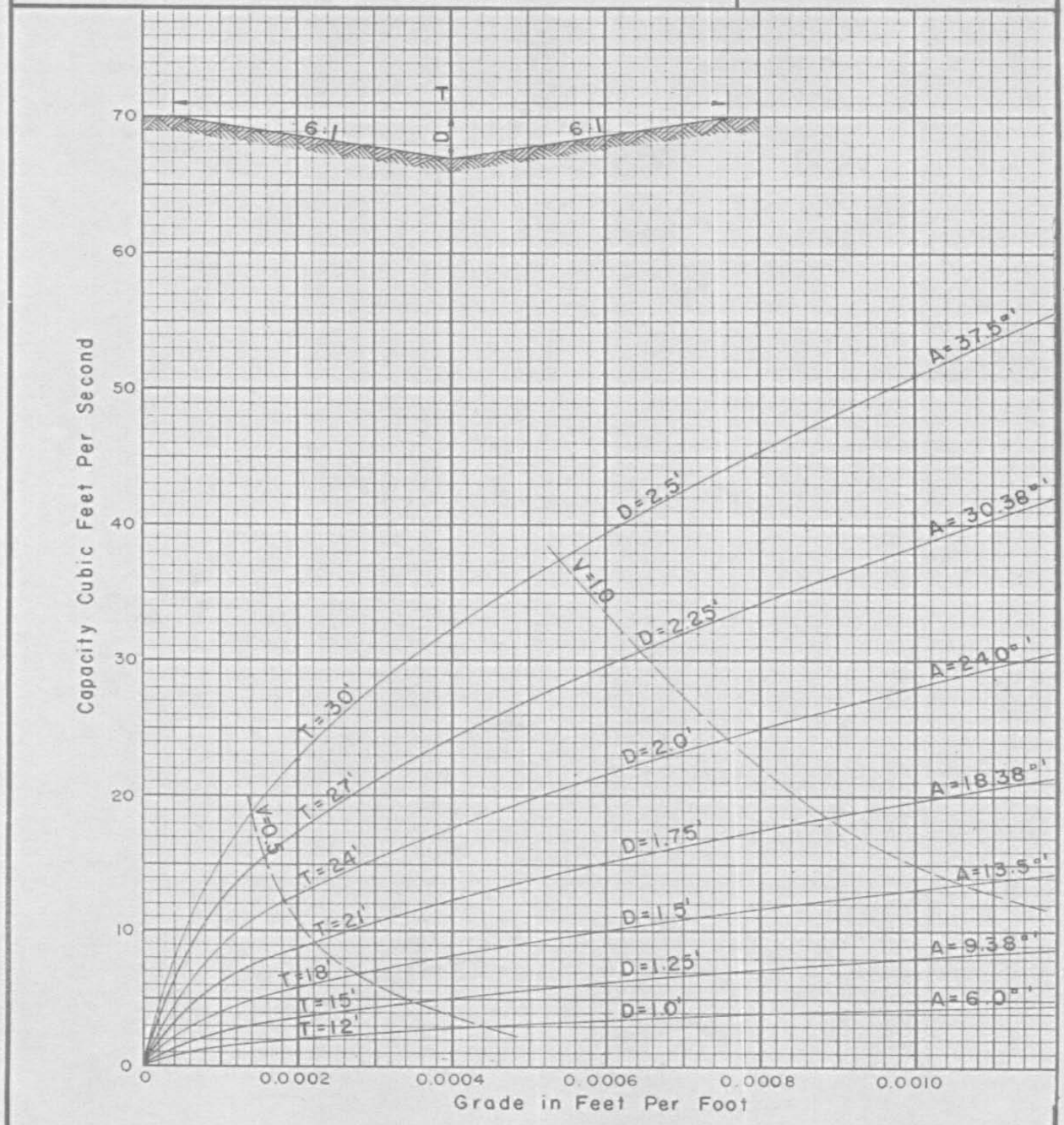


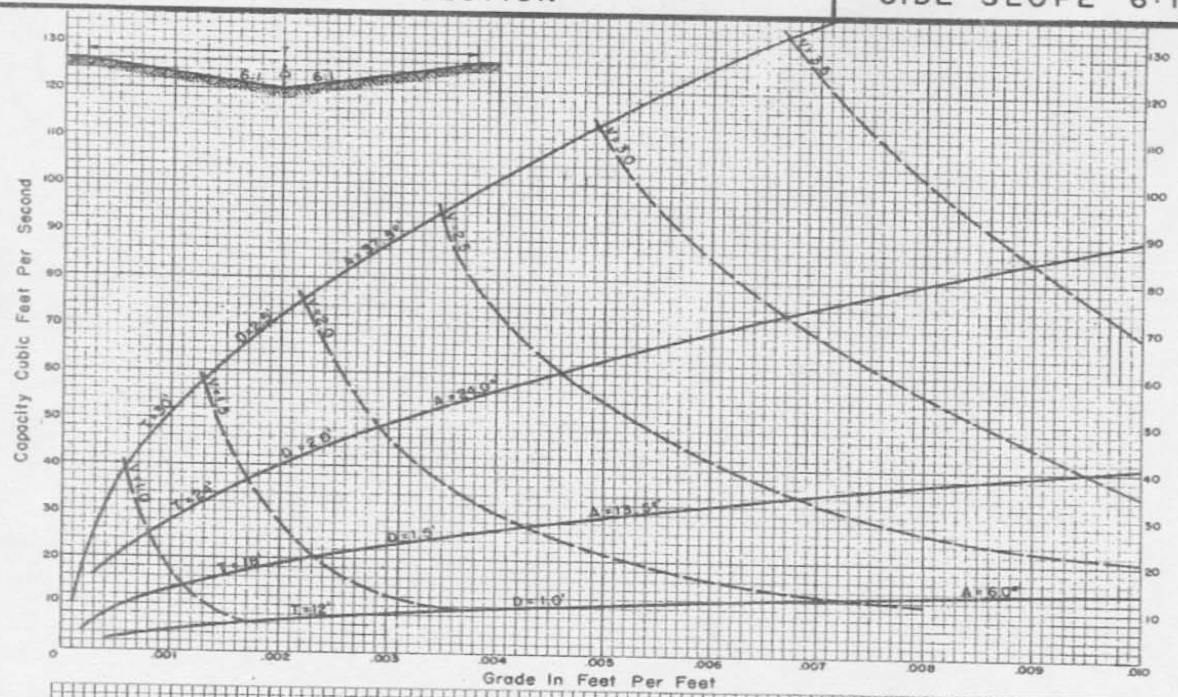
Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE	RTSC-NE-ENG.
MANNING'S EQUATION	SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 7 OF 12

14-104.50

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 6:1



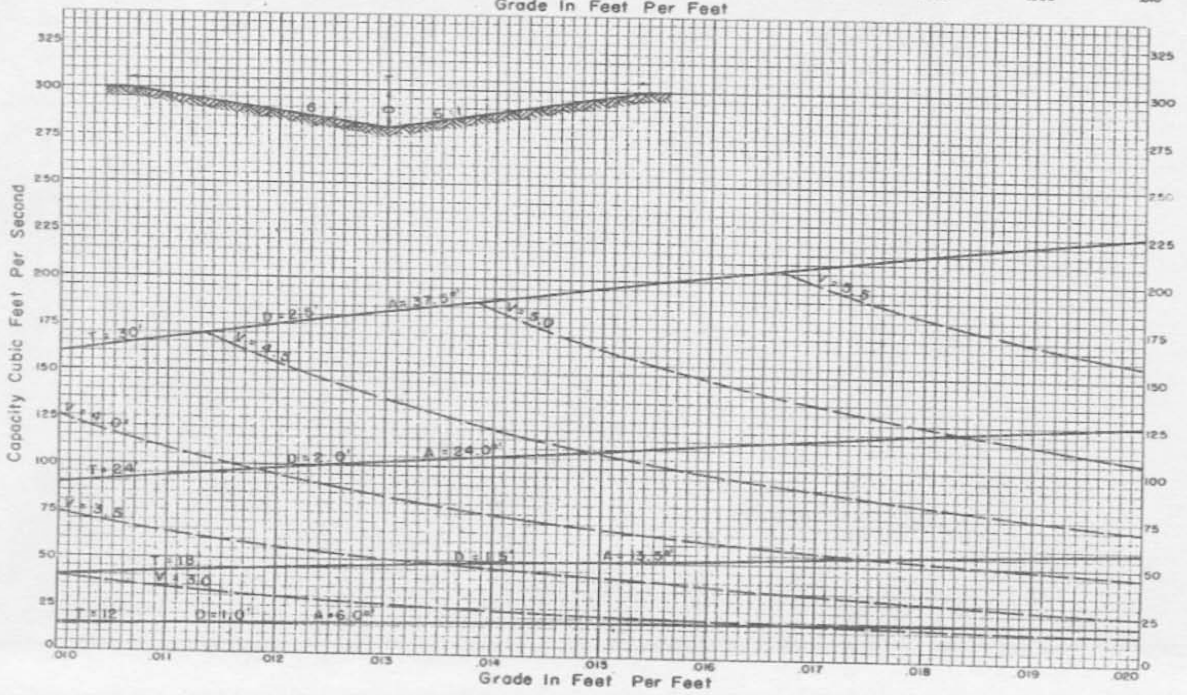


Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	RTSC-NE-ENG.
MANNING'S EQUATION	ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 8 OF 12

14-104.51

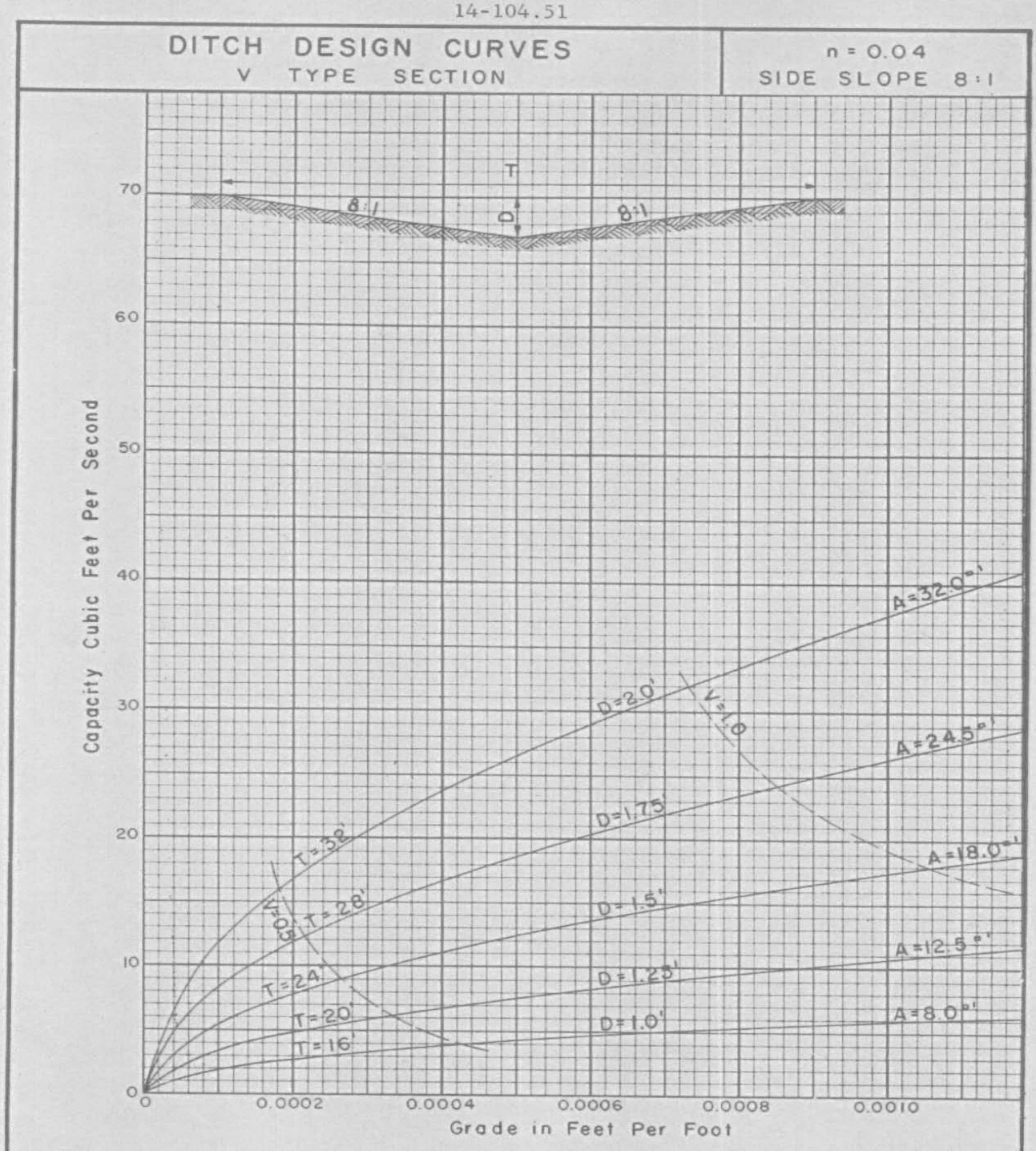


Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE	RTSC-NE-ENG.
MANNING'S EQUATION	SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 9 OF 12

14-104.52

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 8:1

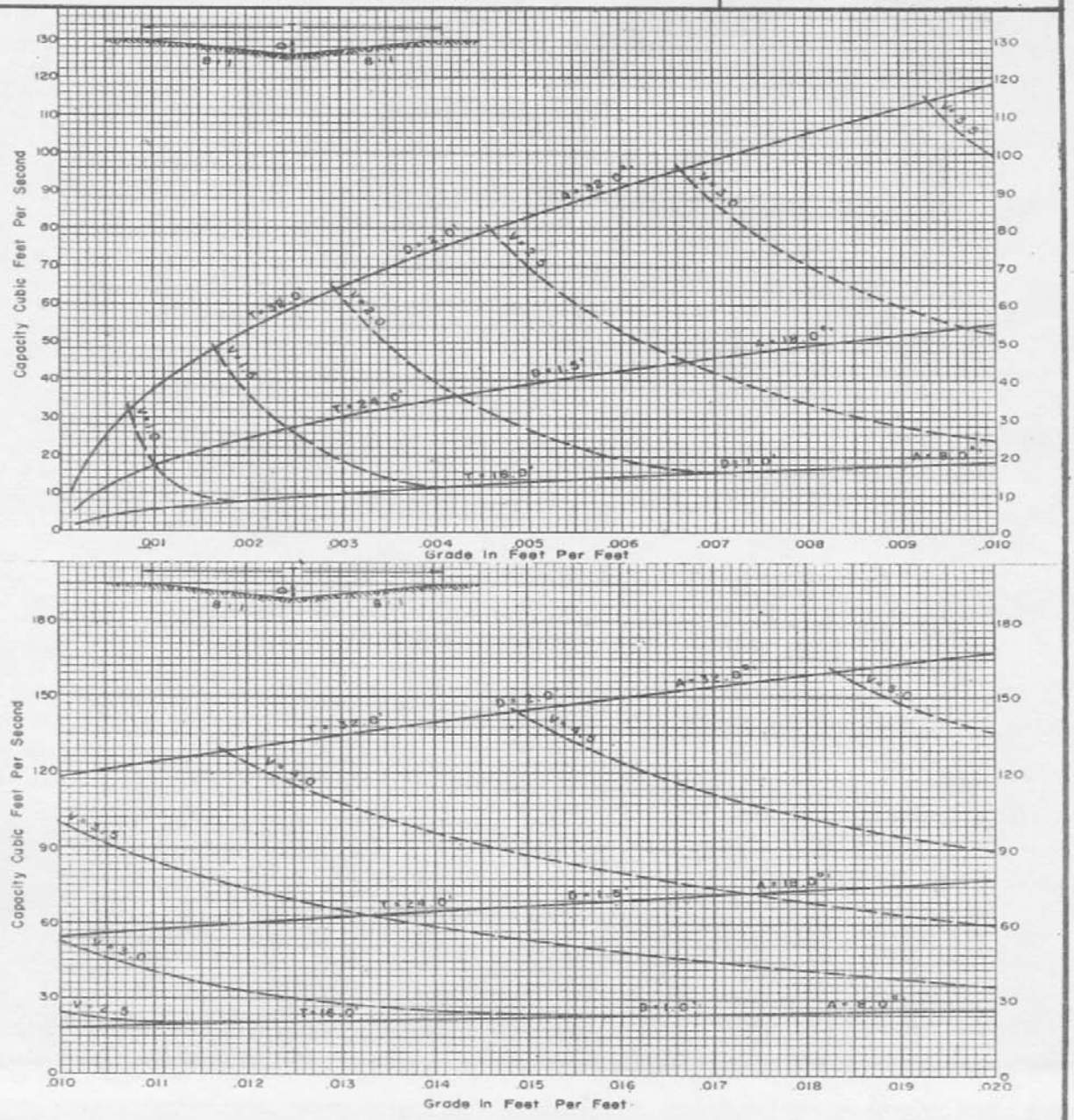


Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	RTSC-NE-ENG.
MANNING'S EQUATION	ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 10 OF 12

14-104.53

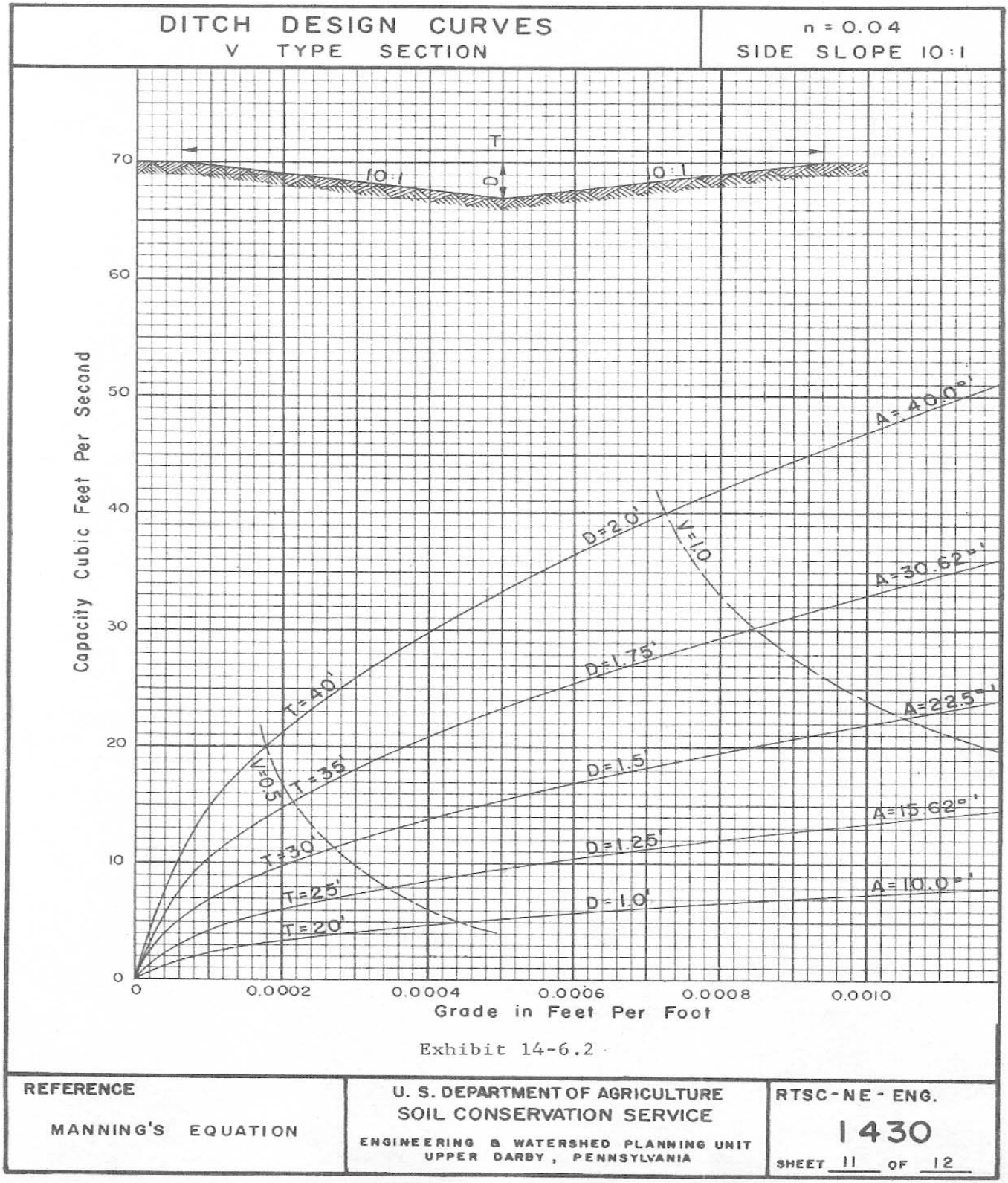


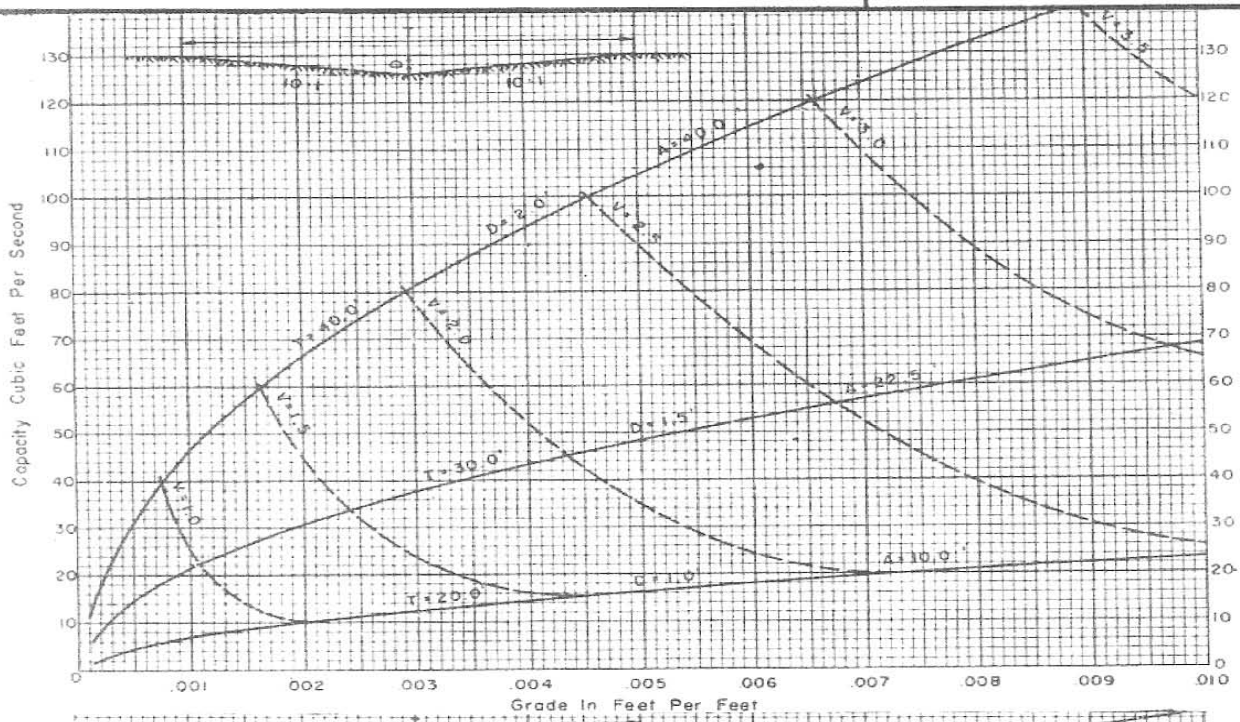
Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE	RTSC-NE-ENG.
MANNING'S EQUATION	SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 11 OF 12

14-104.54

DITCH DESIGN CURVES
V TYPE SECTION

n = 0.04
SIDE SLOPE 10 : 1



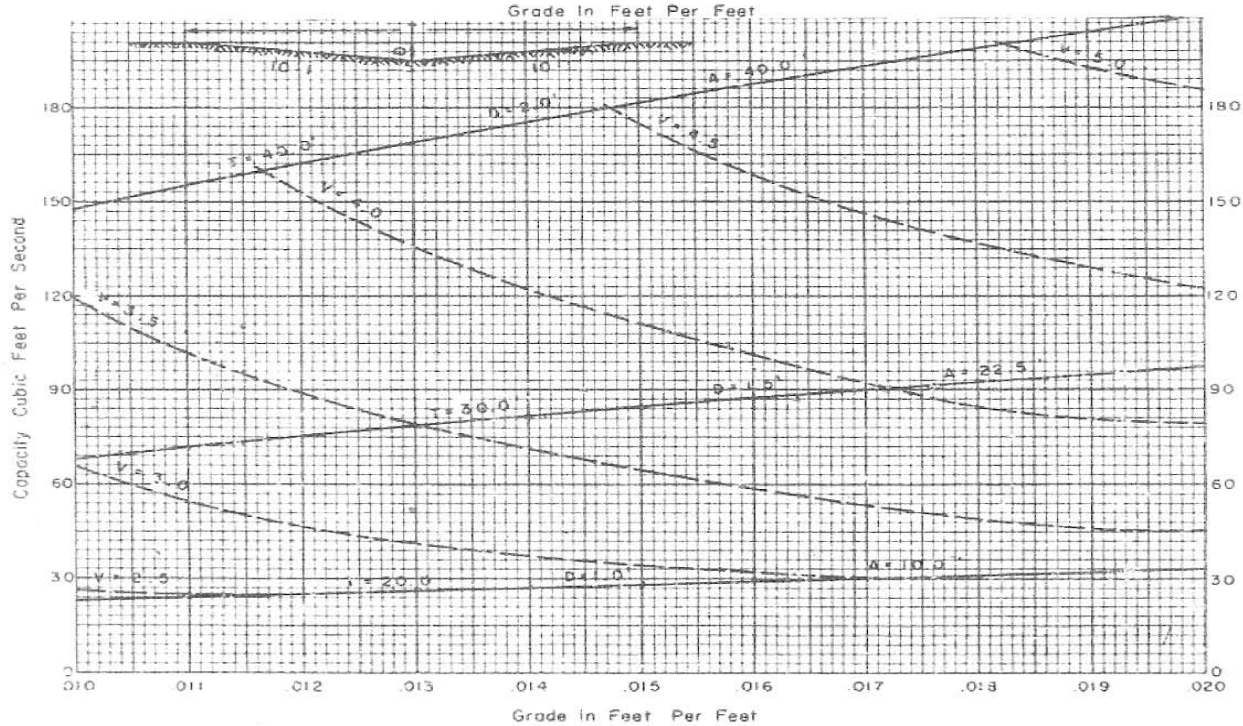


Exhibit 14-6.2

REFERENCE	U. S. DEPARTMENT OF AGRICULTURE	RTSC - NE - ENG.
MANNING'S EQUATION	SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	1430 SHEET 12 OF 12

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