

Subsidence Legend M.A.P. No. 5094,327

Contemplated Mining From _____ To _____

Dwelling Constructed Prior To April 27, 1966

Dwelling Constructed After April 27, 1966

Minimum Plan For Protected Structures

Length of SA = $2L(27 \times D) + 15.3 \times L + LD$ (If Needed)

Width of SA = $2(27 \times D) + 15.3 \times W + LD$ (If Needed)

Previous Six Months Mining Mining Completed

Property Line

Permit Line (No Mining)

Definitions Of Abbreviations, Symbols, Etc., Used In Formulas & Examples

SA = Support Area Under Protected Structure From Which Only 50% Of Coal Is Extracted

LD = Additional Support Added On Each Downhill Side Of Support Area (Required If Structure Is Located On Terrain Sloping Greater Than 5%)

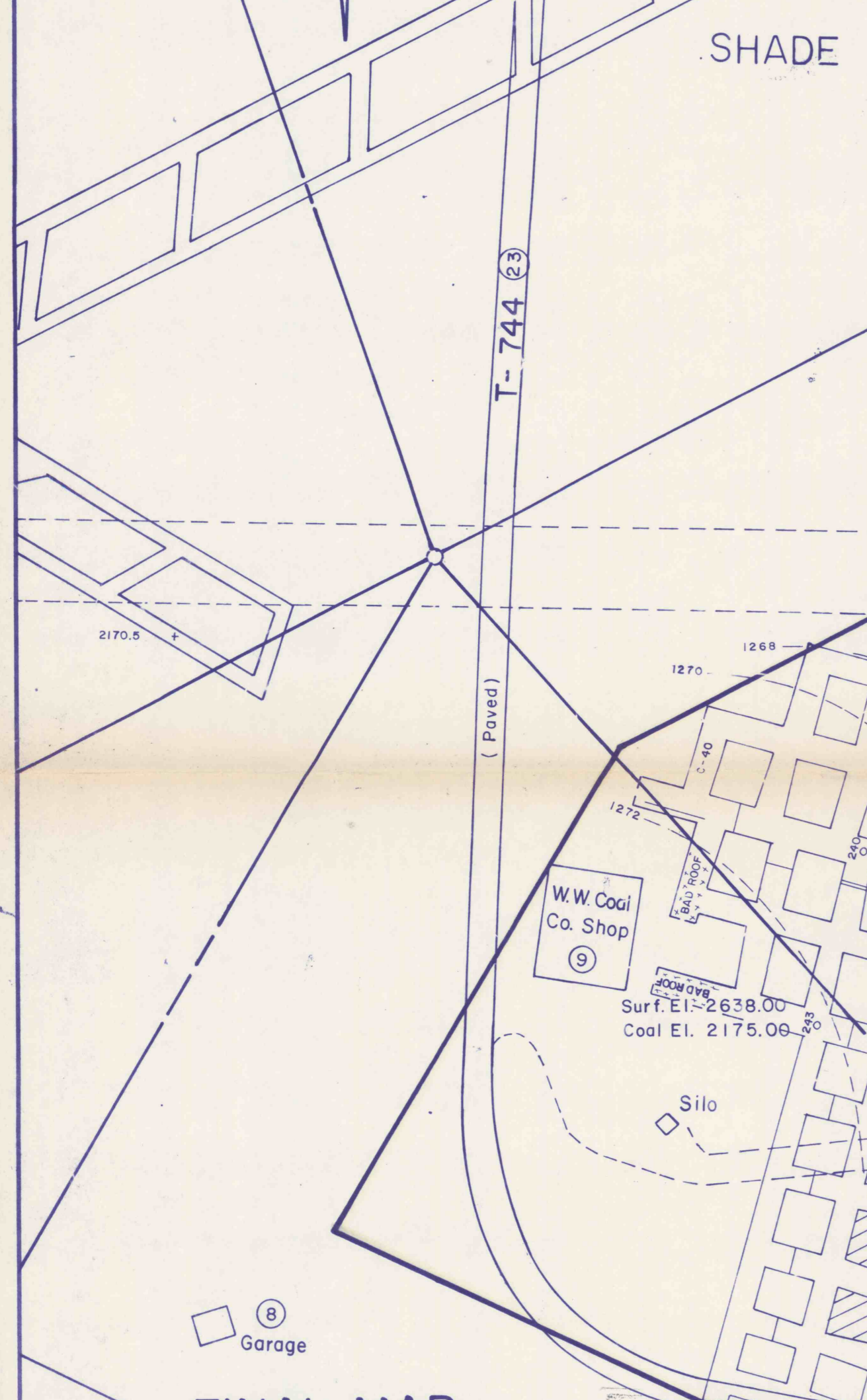
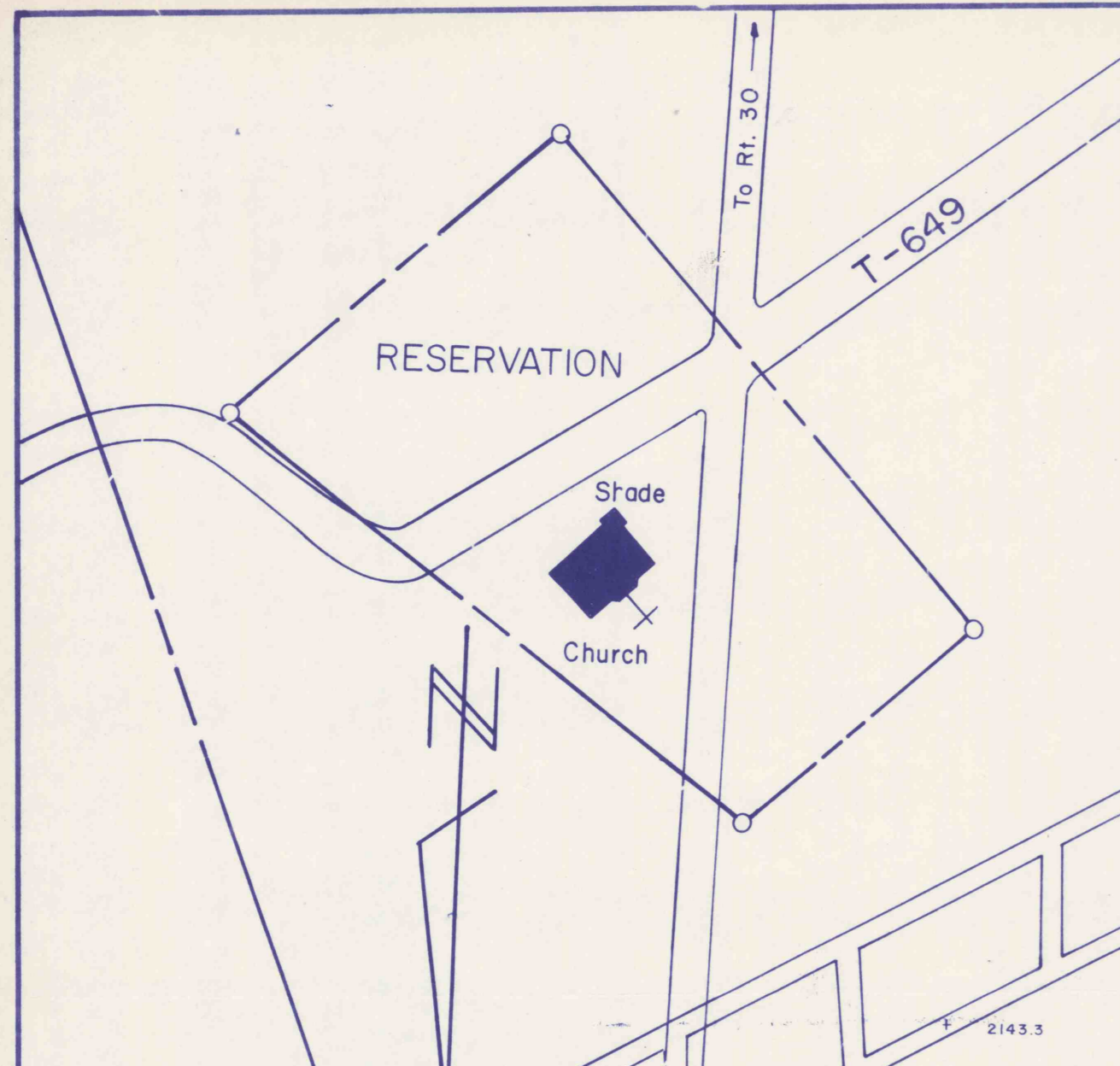
D = Depth Of Cover Of Overburden

L = Length Of Structure

15 Feet = Safety Factor

W = Width Of Structure

27 = Tangent Of 15 Degrees



FINAL MAP

RECEIVED JUL 27 1993

Dept. of Environmental Resources
McMurry District Office

WILLARD & DEANNA WILL - Surface
BERWIND CORPORATION - Coal

PREPARED FOR

J & D MINING, INC.

MILLER RUN NO. 2 MINE R.D. 1 CENTRAL CITY, PA 15926

UPPER KITTANNING COAL SEAM

SITUATE SHADE TWP., SOMERSET CO., PENNSYLVANIA

SCALE: 1" = 100'

DATE: JUL 23 1993

PREPARED BY

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