

**VENTILATION LEGEND**  
Person Submitting Plan, MIKE ONDECKO (Mine Form) & Responsible for Information Federal I.D. No. 36-07446

INTAKE AIR	REDUCED AIR FLOW
RETURN AIR	INTAKE ESCAPEWAY
ALTERNATE ESCAPEWAY	PARTIAL STOPPING
PERMANENT STOPPING	CURTAIN CHECK
BELT HAULAGE	BELT DRIVE
RUN THRU	EQUIPMENT DOORS
CART DOOR	OVERCAST
CAVE	PERMANENT STOPPING WITH DOOR
PROPOSED SEALS	NOT SURVEYED

**Subsidence Legend**  
Permit No. 56821304

Contemplated Mining From To

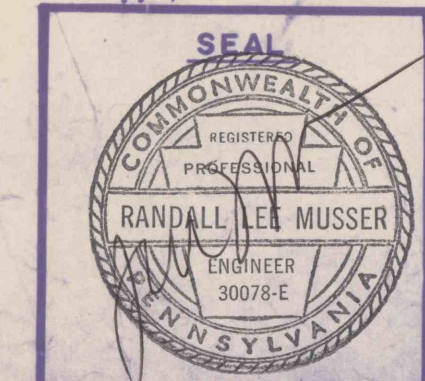
Amendment Area Dwelling Constructed Prior To April 27, 1966 Dwelling Constructed After April 27, 1966

Minimum Plan For Protected Structures  
Length of SA =  $2CL + 8D + 153 + L$  + LD (If Needed)  
Width of SA =  $2CL + 2D + 153 + W$  + LD (If Needed)

Previous Six Month's Mining

Subsidence Permit Line

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  
W = Width of Structure  
15 FEET = Safety Factor  
27 = Tangent Of 15 Degrees



MAP IS FOR VENTILATION & SUBSIDENCE

**QUEMAHONING COLLIERIES**  
MINE NO. 1 RD 1 Box 139 Hooversville, Pa. 15936  
UPPER KITTANNING SEAM  
QUEMAHONING TWP. SOMERSET CO. PA.  
FEB 20 1995

SCALE: 1"=100' DATE:

DWN. BY E.A.B. 1-25-83  
CKD. BY E.L.M. 2-15-83  
REVISED T.C.M. 1-84  
REVISED T.C.M. 3-21-85

**MUSSER ENGINEERING**  
RD 1 CENTRAL CITY PA. 15926  
(814) 754-8477

EXHIBIT "B"