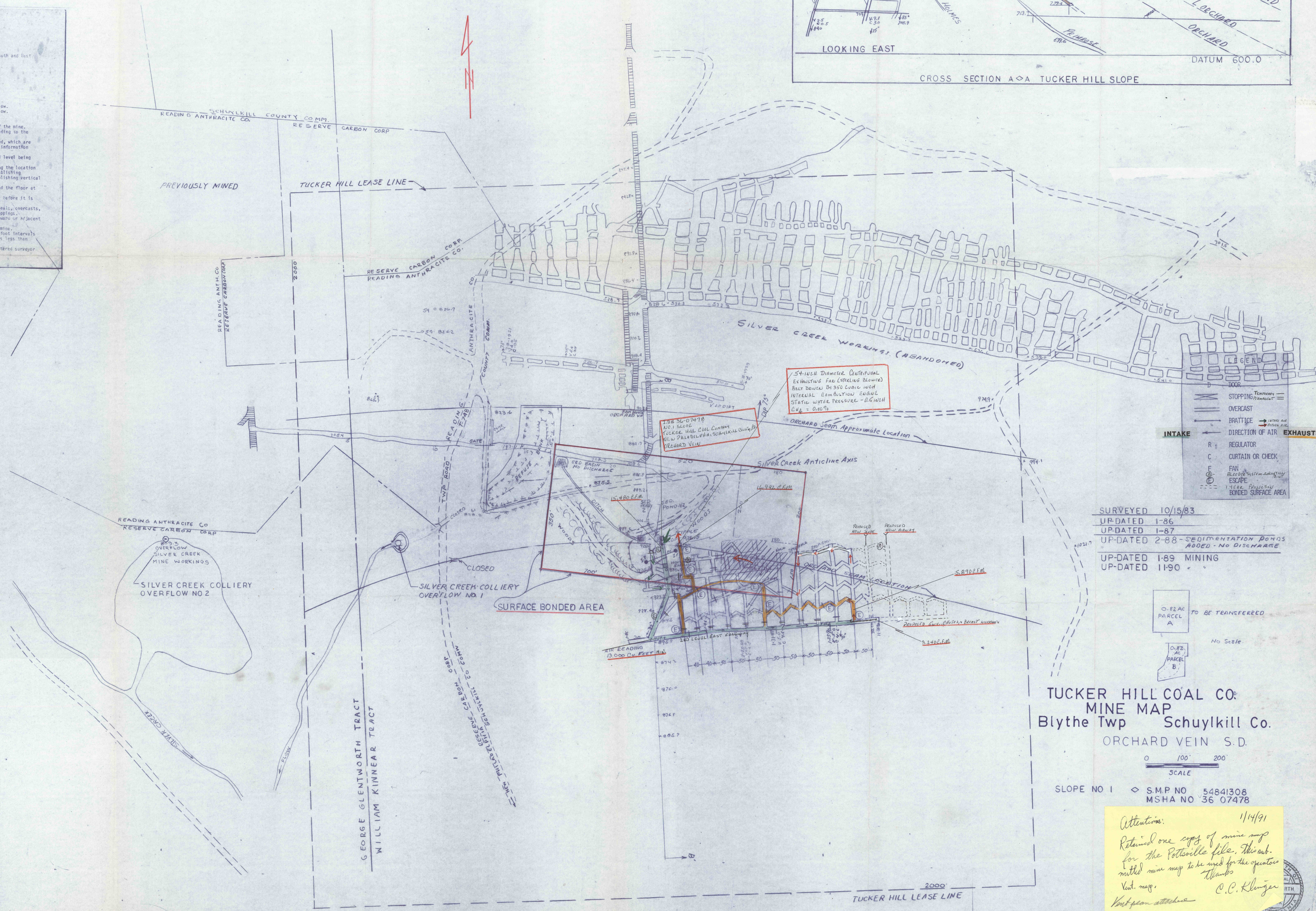
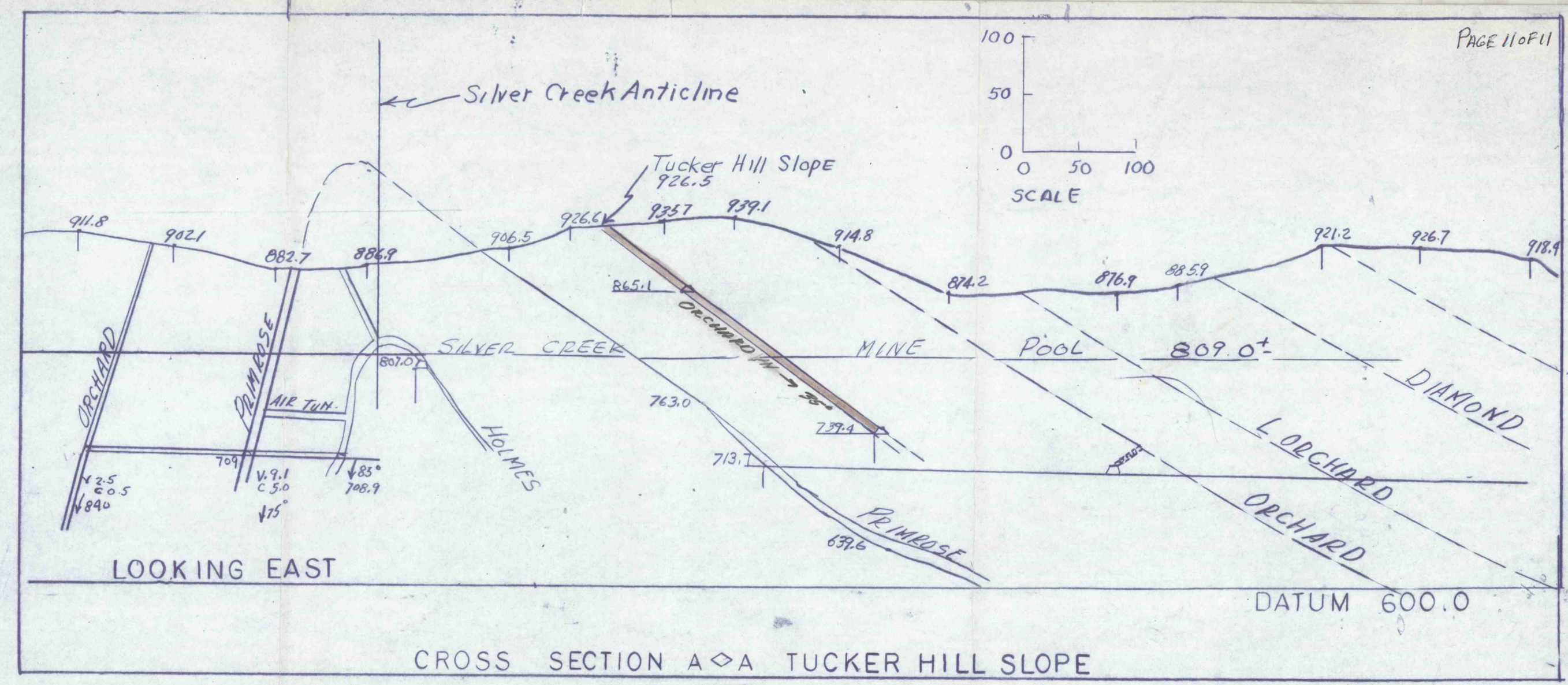


- MINE MAP REQUIREMENTS Section 75,1200
- The Map shall be accurate and up-to-date and shall show:
1. Mine name, location and I.D. No.
 2. Scale, orientation and legend.
 3. Property or boundary lines - distances North, East, South and West from the slope or mine opening will be acceptable.
 4. All openings in the vein being mined.
 5. All stripped areas in the vein being mined.
 6. Outline of active workings.
 7. Pillared, worked out and abandoned areas.
 8. Location of surface fans.
 9. Pitch of the vein(s).
 10. Escapeways - designate as (E).
 11. All available information on mines above and below.
 12. All available information on water pools above and below.
 13. Intake and return airways with the direction of air flow.
 14. All drift holes that penetrate the vein being mined.
 15. All from adjacent mine workings within 1000 feet.
 16. Active or inactive oil or gas wells within 500 feet of the mine.
 17. Surface features such as railroads and other roads leading to the mine and permanent mine buildings. Identify same.
 18. Areas which have been pillared, worked out or abandoned, which are inaccessible or cannot be entered safely and on which information is not available.
 19. Gangway identification, i.e., the name of the vein and level being mined.
 20. Survey tie-in with the surface and underground, showing the location and description of two permanent base line points establishing horizontal control and two permanent bench marks establishing vertical control.
 21. Elevations of tops and bottoms of shafts and slopes and the floor at the entrance to drift and tunnel openings.
 22. Elevations in the gangways and at the end of a gangway before it is abandoned.
 23. Ventilation controls constructed or removed, such as seals, overcasts, undercasts, regulators and permanent and temporary stoppings.
 24. Elevations in rooms, chambers or breast advancing, rooms or adjacent to property or boundary lines of adjacent mines.
 25. The location and elevation of any water dammed in the mine.
 26. Cross Section through the vein at approximately 1,000 foot intervals in the gangways and/or at the end of a gangway if it is less than 1,000 feet in size of contour lines.
 27. Seal and signature of the registered engineer or registered surveyor preparing the map.



- INTAKE
- STOPPING
- OVERCAST
- BRATTICE
- REGULATOR
- CURTAIN OR CHECK
- FAN
- ESCAPE
- 1 YEAR PROJECTION
- BONDED SURFACE AREA
- EXHAUSTS

SURVEYED 10/15/83
UPDATED 1-86
UPDATED 1-87
UP-DATED 2-88 - SEDIMENTATION PONDS
ADDED - NO DISCHARGE
UP-DATED 1-89 MINING
UP-DATED 11-90

0.82 AC
PARCEL
A
TO BE TRANSFERRED
No Scale
0.82
AC
PARCEL
B

TUCKER HILL COAL CO.
MINE MAP
Blythe Twp Schuylkill Co.
ORCHARD VEIN S.D.

0 100 200
SCALE

SLOPE NO 1 S.M.P. NO 54841308
MSHA NO 36 07478

Attention:
Retained one copy of mine map
for the Porterville file. This out-
milled mine map to be used for the quarters
next map. Thanks
C.C. Klunger
Not from attached

11/4/91
1366
12-4-90