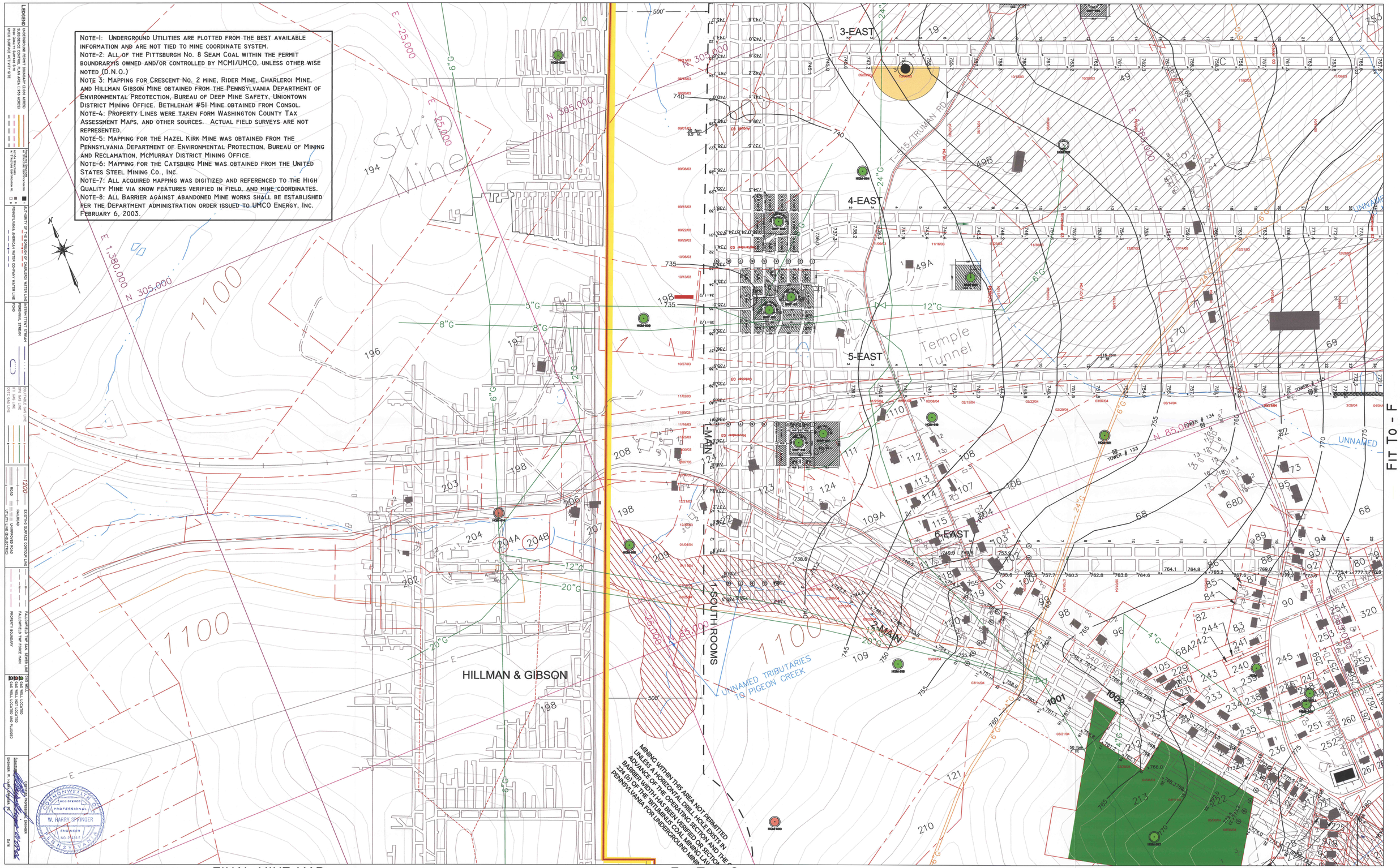
FIT TO - C

SHEET - E



NOTE-1: UNDERGROUND UTILITIES ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION AND ARE NOT TIED TO MINE COORDINATE SYSTEM.
NOTE-2: ALL OF THE PITTSBURGH NO. 8 SEAM COAL WITHIN THE PERMIT BOUNDRARYIS OWNED AND/OR CONTROLLED BY MCMI/UMCO, UNLESS OTHER WISE NOTED (D.N.O.)
NOTE 3: MAPPING FOR CRESCENT NO. 2 MINE, RIDER MINE, CHARLEROI MINE, AND HILLMAN GIBSON MINE OBTAINED FROM THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PREOTECTION, BUREAU OF DEEP MINE SAFETY, UNIONTOWN DISTRICT MINING OFFICE. BETHLEHAM #51 MINE OBTAINED FROM CONSOL.
NOTE-4: PROPERTY LINES WERE TAKEN FORM WASHINGTON COUNTY TAX ASSESSMENT MAPS, AND OTHER SOURCES. ACTUAL FIELD SURVEYS ARE NOT REPRESENTED.
NOTE-5: MAPPING FOR THE HAZEL KIRK MINE WAS OBTAINED FROM THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF MINING AND RECLAMATION, MCMURRAY DISTRICT MINING OFFICE.
NOTE-6: MAPPING FOR THE CATSBURG MINE WAS OBTAINED FROM THE UNITED STATES STEEL MINING CO., INC.
NOTE-7: ALL ACQUIRED MAPPING WAS DIGITIZED AND REFERENCED TO THE HIGH QUALITY MINE VIA KNOW FEATURES VERIFIED IN FIELD, AND MINE COORDINATES.
NOTE-8: ALL BARRIER AGAINST ABANDONED MINE WORKS SHALL BE ESTABLISHED PER THE DEPARTMENT ADMINISTRATION ORDER ISSUED TO UMCO ENERGY, INC. FEBRUARY 6, 2003.

LEGEND
UNDERGROUND PERMIT BOUNDARY (2,440 ACRES)
ACTIVE MINING AREA (1,650 ACRES)
HIGH QUALITY SURFACE SITE
UMCO SURFACE ACTIVITY SITE
PROPOSED PERMIT BOUNDARY
ACTIVE PERMITTED BOUNDARY
FUTURE PERMITTED BOUNDARY
AUTHORITY OF THE BOROUGH OF CARLEROI WATER LINE
PENNSYLVANIA AMERICAN WATER COMPANY WATER LINE
INTERMITTENT STREAM
PERENNIAL STREAM
POND
EXISTING SURFACE CONTOUR LINE
RAILROAD
UNIMPROVED ROAD
UTILITY LINE (E&S ISSUES)
ROAD
FALLOWFIELD TWP SAN. SEWER LINE
FALLOWFIELD TWP FORCE MAIN
PROPERTY BOUNDARY
GAS WELL LOCATED
GAS WELL NOT LOCATED
GAS WELL LOCATED AND PLUGGED
PGW GAS LINE
DTI GAS LINE
CGTC GAS LINE

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
W. HARRY SPRINGER
NO. 24361-E

Submitted by: Chief Mining Engineer
Engineer: W. Harry Springer
DATE

MAPLE CREEK MINING, INC. -- UMCO ENERGY, INC.
HIGH QUALITY MINE

FINAL MINE MAP

FIT TO - G

SHEET - E