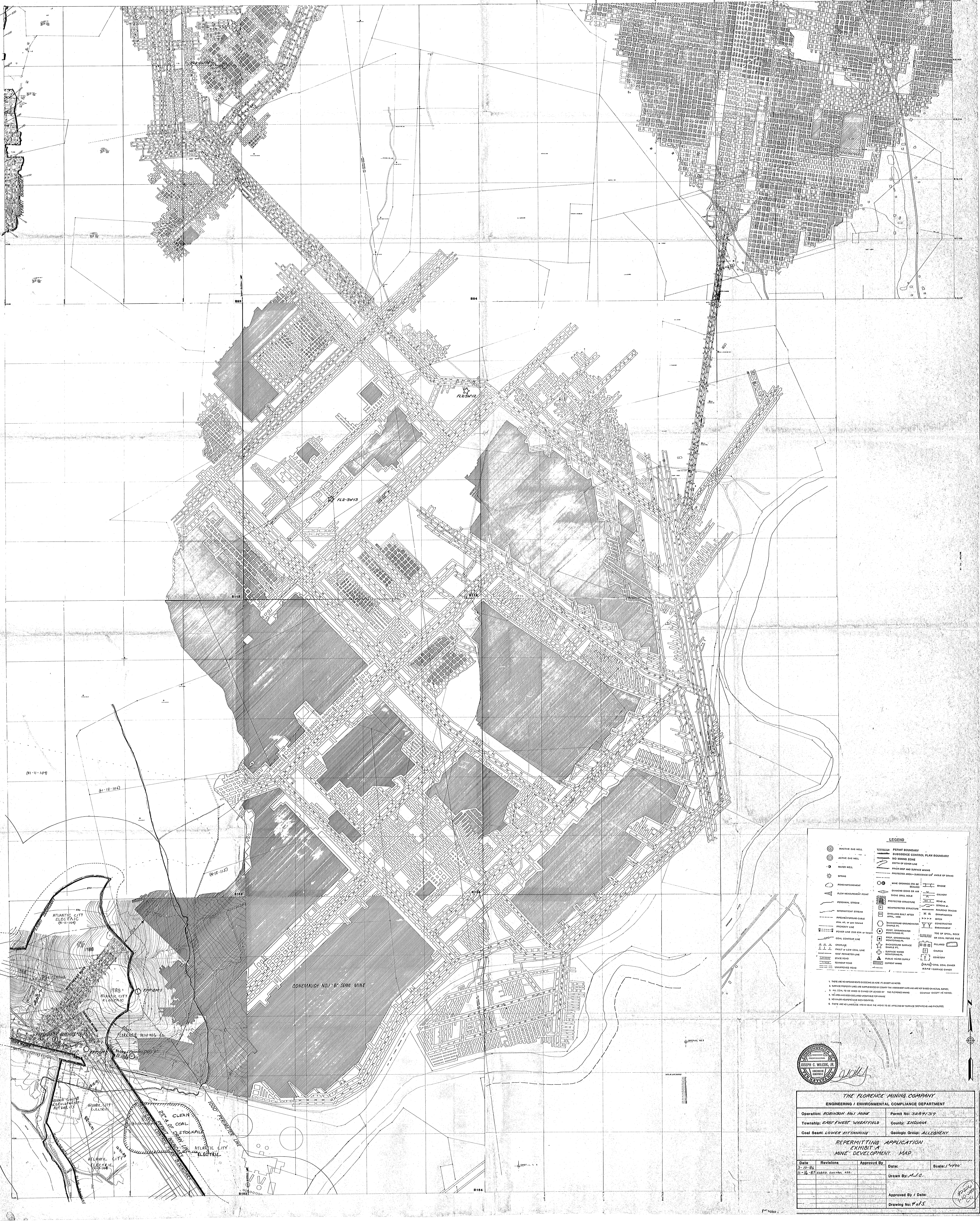
1230
1220
1210
1200
1190
1180
1170
1160
1150
1140
1130
PERMIT BOUNDARY
6 WEST MAINS
B93
B94
B113
B114
B133
B134
B153
B154
N 21,000
N 20,000
N 19,000
N 18,000
N 17,000
N 16,000
FL2-SW-12
FL2-SW-13
(41-11-109)
(41-12-106)
(41-12-115)
840
830
ATLANTIC CITY ELECTRIC (41-11-109)
PERMIT BOUNDARY
1988
NORTHEAST BUTT
1988
FPP-GM-1
ATLANTIC CITY ELECTRIC
SEWARD MAINS
500'
500'
FRESHWATER BOREHOLE "D"
FLORENCE MINING CO.
HOFF MAINS
EL 1105
FPP-GM-3
SLOPE
PROPOSED
EL 1088
CONEMAUGH NO.1 "B" SEAM MINE
INDIANA COUNTY REDEVELOPMENT AUTHORITY
ATLANTIC CITY ELECTRIC
88-12-21
CLEAN COAL STOCKPILE
25° ∠ OF DRAW LINE
(41-13-105)
PERMIT BOUNDARY
SUBSIDENCE CONTROL PLAN BOUNDARY
1000' PERIMETER LINE
ATLANTIC CITY ELECTRIC
12-31-89
ATLANTIC CITY ELECTRIC (41-11-106)
770
CONEMAUGH RIVER
IMPERIAL NO. 5
DATE OF LAST SURVEY
MATCH TO 18

LEGEND

- INACTIVE GAS WELL
- ACTIVE GAS WELL
- WATER WELL
- SPRING
- POND/IMPOUNDMENT
- FLOW MEASUREMENT POINT
- PERENNIAL STREAM
- INTERMITTENT STREAM
- PIPELINE/UGROUND CABLE size, oil, or gas labeled
- PROPERTY LINE
- POWER LINE (500 KVA or larger)
- COAL CONTOUR LINE
- CROPLINE
- FAULT or LOW COAL LINE
- 1000' PERIMETER LINE
- STATE ROAD
- TOWNSHIP ROAD
- UNIMPROVED ROAD
- PERMIT BOUNDARY
- SUBSIDENCE CONTROL PLAN BOUNDARY
- NO MINING ZONE
- DEPTH OF COVER LINE
- PRIOR DEEP AND SURFACE MINING
- PROTECTED AREA— SUBSIDENCE (25° ANGLE OF DRAW)
- MINE OPENINGS (TO BE SEALED)
- DIAMOND (DDH) OR AIR (ADH) DRILL HOLE
- PROTECTED STRUCTURE
- NONPROTECTED STRUCTURE
- DWELLING BUILT AFTER APRIL, 1966
- BACKGROUND GROUNDWATER SAMPLE PT.
- EXIST. GROUNDWATER MONITORING PT.
- PROP. GROUNDWATER MONITORING PT.
- BACKGROUND SURFACE SAMPLE PT.
- SURFACE WATER MONITORING PT.
- PUBLIC WATER SUPPLY
- CURRENT MINING
- BRIDGE
- CULVERT
- ROAD el.
- STREAM el.
- RAILROAD TRACKS
- SWAMP/MARCH
- DITCH
- CONSTRUCTED EMBANKMENT
- TOE OF SPOIL, ROCK OR COAL REFUSE PILE
- PILLARED
- CHURCH
- CEMETERY
- (NAME)—ORIG. COAL OWNER
- NAME—SURFACE OWNER

1. THERE ARE NO IMPOUNDMENTS EXCEEDING 20 ACRE FT. EXCEPT AS NOTED.
2. SURFACE PROPERTY LINES ARE SUPPLEMENTED BY COUNTY TAX ASSESSMENT MAPS AND ARE NOT BASED ON ACTUAL SURVEY.
3. ALL COAL TO BE MINED IS OWNED OR LEASED BY THE FLORENCE MINING COMPANY EXCEPT AS NOTED.
4. NO AREA HAS BEEN DECLARED UNSUITABLE FOR MINING.
5. NO MAJOR AQUIFERS HAVE BEEN IDENTIFIED.
6. THERE ARE NO LANDSLIDE AREAS NEAR THE AREAS TO BE AFFECTED BY SURFACE OPERATIONS AND FACILITIES.

JOSEPH C. WILCOX, JR.
030792-E

#2226
1-10-2000
CCI

THE FLORENCE MINING COMPANY
ENGINEERING / ENVIRONMENTAL COMPLIANCE DEPARTMENT

Operation: ROBINSON No.1 MINE	Permit No: 3284/319
Township: EAST & WEST WHEATFIELD	County: INDIANA
Coal Seam: LOWER KITTANNING	Geologic Group: ALLEGHENY

REPERMITTING APPLICATION
EXHIBIT A
MINE DEVELOPMENT MAP

Date	Revisions	Approved By
3-10-86		
11-16-87	SUBSID. CONTROL ADD.	

Date:
Scale: 1"=400'
Drawn By: M.J.C.
Approved By / Date:
Drawing No: 4 of 5