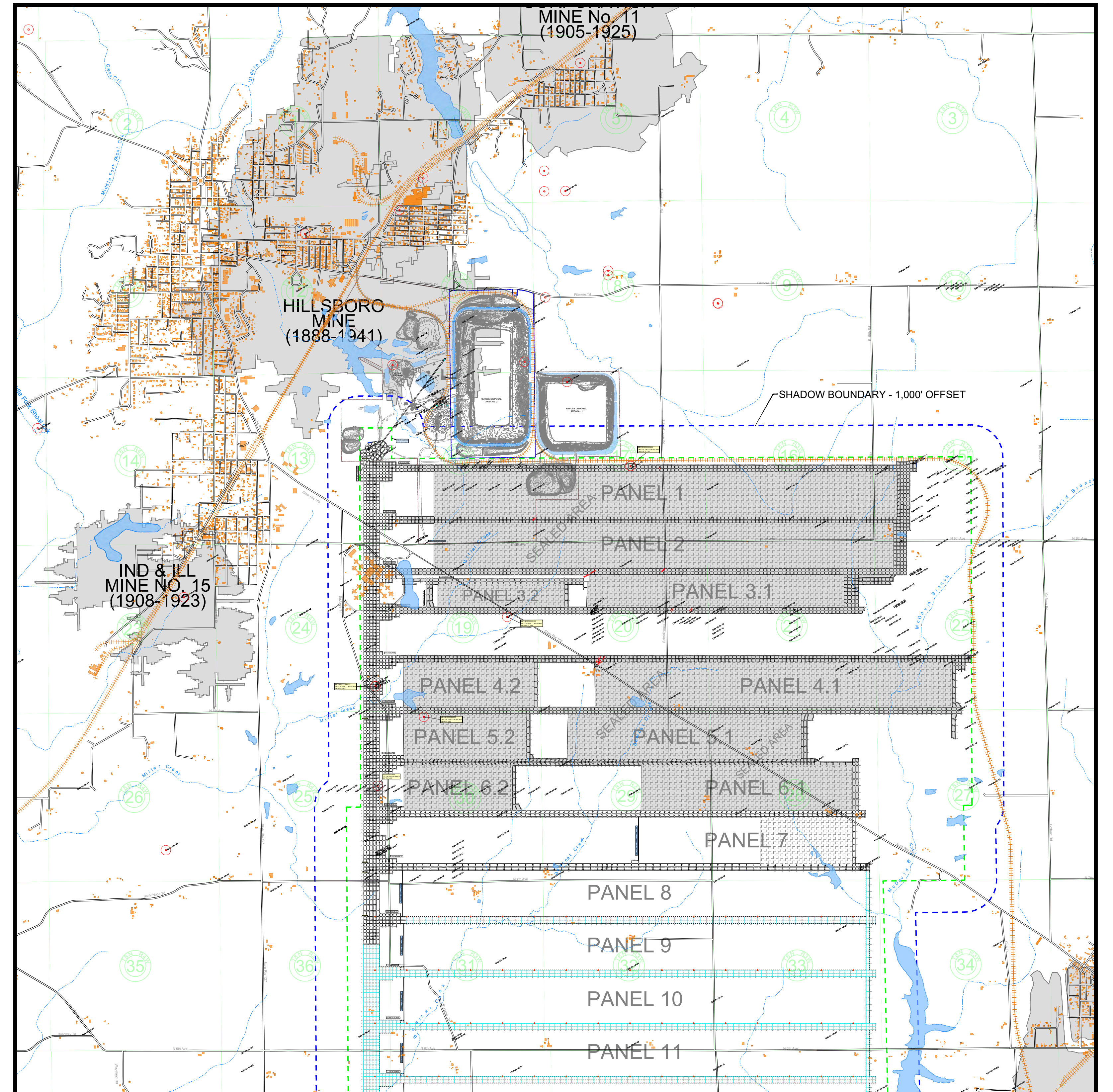
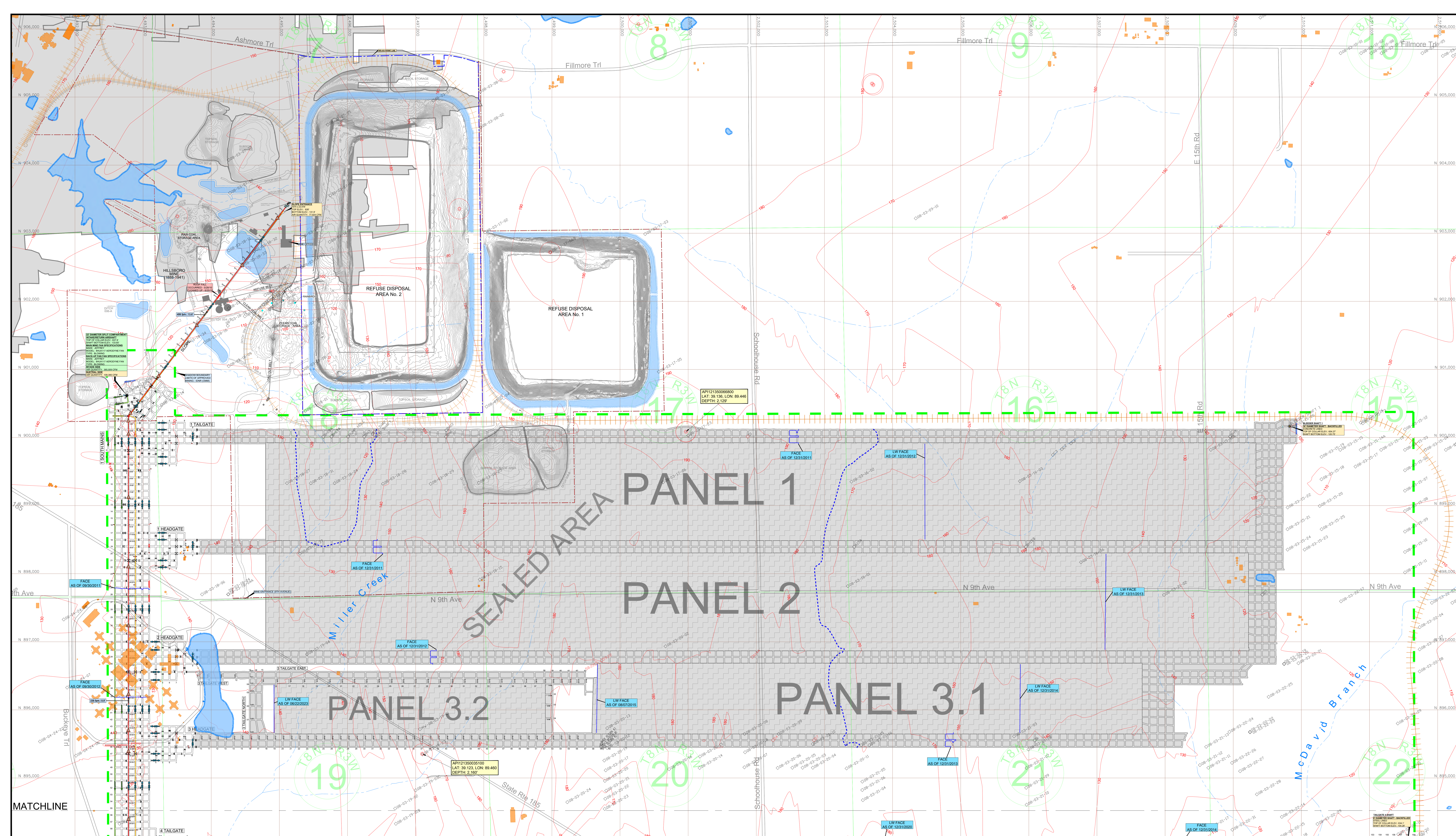


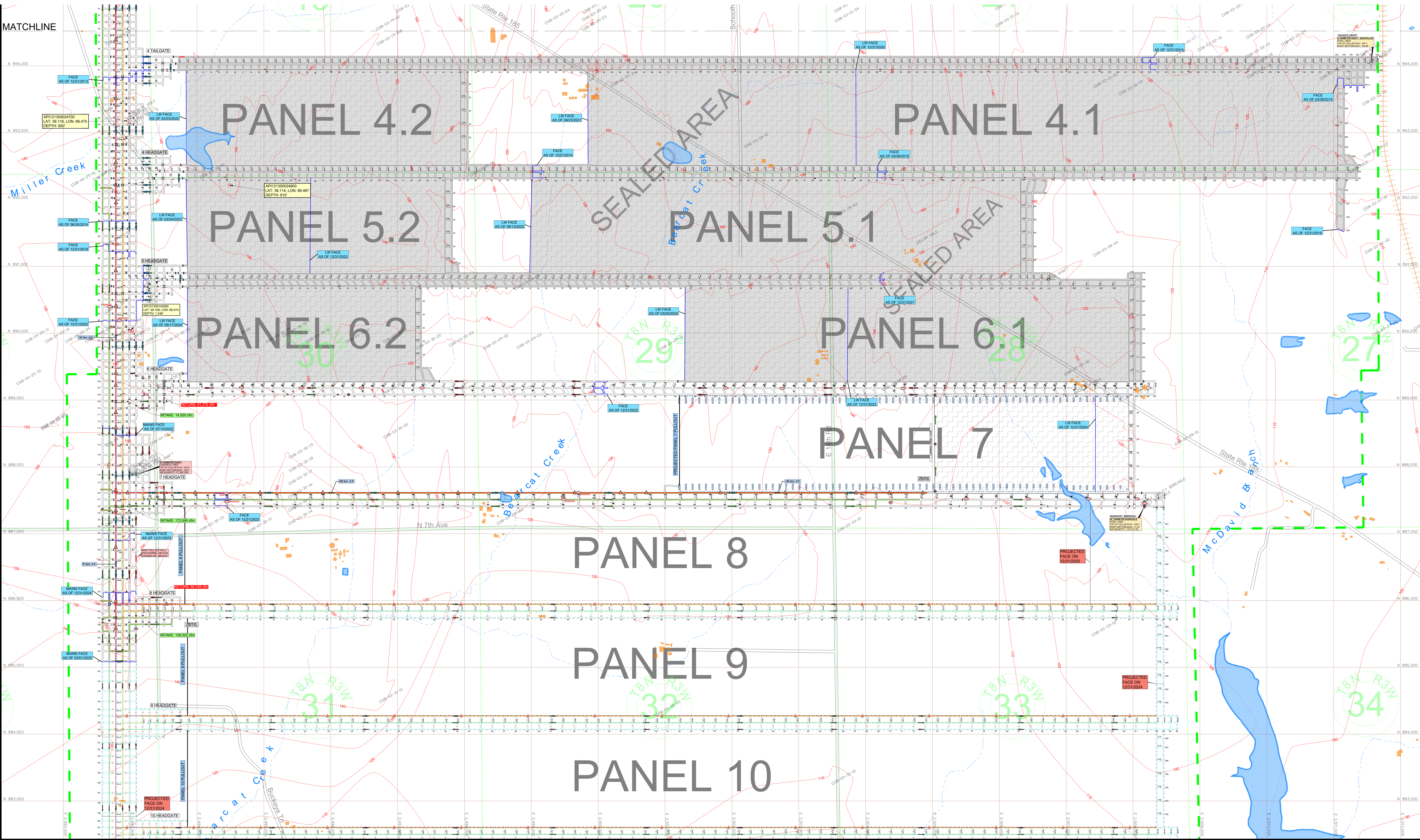


MINE WORKINGS WITHIN 1,000 FEET
SCALE: 1" = 2,000'

MATCHLINE

MATCHLINE

MATCHLINE



NOTE:
THERE ARE NO KNOWN MINE WORKINGS
UNDERLYING OR OVERLAYING THE DEER
RUN MINE WORKINGS.

NOTE:
MAP SHOWN AS OF 03/23/2025

MAP SYMBOL LEGEND	
MINED OUT	FIRE FIGHTING AND EVACUATION
COAL BLOCK PERIMETER	PRIMARY ESCAPEWAY
COAL PILLAR	PRIMARY ESCAPEWAY - PROJ.
VENTILATION CONTROLS	SECONDARY ESCAPEWAY
PERMANENT STOPPING	SECONDARY ESCAPEWAY - PROJ.
PARTIAL STOPPING	S.C.S.R. CACHE (OCENCO 6.5)
KENNEDY STOPPING	REFUGE CHAMBER
STOPPING WITH MANDOOK	
KENNEDY STOPPING WITH MND	BELTS
REGULATOR	BELTLINE
AIRLOCK DOOR	BELTLINE
6' ESCAPEWAY DOOR	BELT TRANSFER POINT
BOXCHECK	CO MONITOR
OVERCAST	CO MONITOR (PROJECTED)
UNDERCAST	LAND AND PROPERTY
LINE CURTAIN	PERMITTED AREA (SURFACE)
PERMANENT SEAL	SHADOW BOUNDARY (I.D.N.R.)
PROJ. PERMANENT STOPPING	WATER POOLS (SURFACE)
PROJ. STOPPING WITH MANDOOK	WATER POOLS (SURFACE)
PROJECTED REGULATOR	RAILROADS
PROJECTED AIRLOCK DOOR	PUBLIC ROADS
PROJECTED 6' ESCAPEWAY DOOR	MINESITE ROADS
PROJECTED BOXCHECK	SECTION LINES
PROJECTED OVERCAST	STREAMS
PROJECTED UNDERCAST	SURFACE FACILITY STRUCTURES
PROJECTED LINE CURTAIN	HOUSES/BUILDINGS
PROJECTED PERMANENT SEAL	TRAILERS
CONTINUOUS GAS MONITOR (02, CH, CO)	SILOS
VENTILATION ARROWS	SEAM
INTAKE AIR	ROOF FALL
NEUTRAL (BELT) AIR	ABANDONED MINE WORKINGS
RETURN AIR	SEALED AREAS
PROJECTED INTAKE AIR	LW GOB
PROJECTED NEUTRAL (BELT) AIR	UNDERGROUND WATER SEAL
PROJECTED RETURN AIR	BOTTOM ELEVATION CONTOURS
SURVEYING	DRILLHOLES PENETRATING SEAM
CONTROL POINT (SURFACE)	DRILLHOLES PLUGGED
CONTROL POINT (UNDERGROUND)	GAS OR OIL WELLS (PLUGGED)
CROSS CUT NUMBER	GAS OR OIL WELLS (ACTIVE)
PERMANENT POINTS	STRIKE AND DIP
Coordinate System - NAD 83 Illinois State Plane, West	S 17° 49' 31" E
No. Description Coordinates	
15 Con. Monument N 900,643.93, E 2,492,532.61	
19 Con. Monument N 901,204.83, E 2,495,135.37	
32 Con. Monument N 903,141.30, E 2,494,356.51	

PATTON MINING

DEER RUN MINE - 75.372 AND 75.1200 MAP

OPERATING CO.: PATTON MINING, LLC ADDRESS: P.O. BOX 457, HILLSBORO, IL 62049

MSHA I.D.: 11-03182 MINE PHYSICAL ADDRESS: 12051 9th AVENUE, HILLSBORO, IL 62049

MINE LOCATION: N.W. 1/4 SECTION 18 T10P IN RANGE 30N 35D PRINCIPAL MERIDIAN

COUNTY: MONTGOMERY DISTRICT: HILLSBORO NEAREST POST OFFICE: HILLSBORO, ILLINOIS

COAL SEAM MINED: HERON NO. 6 SEAM, ILLINOIS DEPT. NATURAL RESOURCES PERMIT NO.: 399

MINE WORKINGS ABOVE OR BELOW SEAM: NONE

INDIVIDUAL RESPONSIBLE FOR THE INFORMATION ON THIS MAP: TONY GILSON, MINE SUPERINTENDENT

ENGINEERING CERTIFICATION

I, Clayton A. Cross, hereby certify that the information presented on this map is true and correct to the best of my knowledge and belief and is determined by accepted engineering practices.

Clayton A. Cross 002-066495

Name (Illinois Registration Number (Seal))

Patton Mining, LLC (217) 532-7310

Firm Phone Number

Signature Date 03/24/2024

SEAL

CLAYTON A. CROSS
ILLINOIS PROFESSIONAL ENGINEER
NO. 002-066495

MINE OPENINGS

SLOPE
LENGTH - 3500 FT
DIAMETER - 16' x 22'
TOP ELEV. - 426'
BOT ELEV. - 137'
LOCATION - N 900,118 E 2,492,767

MINE RETURN AIRSHAFT
DEPTH - 41' 11.7 FT
DIAMETER - 8' 11.7 FT
TOP ELEV. - 426' 4"
BOT ELEV. - 133.7'
LOCATION - N 907,483.0 E 2,508,164.2

HEADGATE 7 SHAFT
DEPTH - 343.6 FT
DIAMETER - 36"
TOP ELEV. - 430.7'
BOT ELEV. - 111.9'
LOCATION - N 907,483.0 E 2,508,164.2

FAN DATA

BACK-UP MINE FAN		MAIN MINE FAN	
MAKE: JEFFREY	MAKE: JEFFREY	MAKE: JEFFREY	MAKE: JEFFREY
MODEL: RHUA11T	MODEL: RHUA11T	MODEL: RHUA11T	MODEL: RHUA11T
SPEED: 1177	SPEED: 1177	SPEED: 1177	SPEED: 1177
WATER GAUGE: 8.1	WATER GAUGE: 8.1	WATER GAUGE: 8.1	WATER GAUGE: 8.1
AIR QUANTITY: 6 CFM	AIR QUANTITY: 6 CFM	AIR QUANTITY: 6 CFM	AIR QUANTITY: 6 CFM
TYPE: 60-3-ANE	TYPE: 60-3-ANE	TYPE: 60-3-ANE	TYPE: 60-3-ANE
BLADE SETTING: 68-54	BLADE SETTING: 68-54	BLADE SETTING: 68-54	BLADE SETTING: 68-54
MAKE: TORISHIA	MAKE: TORISHIA	MAKE: TORISHIA	MAKE: TORISHIA
HORSEPOWER: 2,000 HP	HORSEPOWER: 2,000 HP	HORSEPOWER: 2,000 HP	HORSEPOWER: 2,000 HP
SPEED: 890 RPM	SPEED: 890 RPM	SPEED: 890 RPM	SPEED: 890 RPM
VOLTS: 4,160 VOLTS	VOLTS: 4,160 VOLTS	VOLTS: 4,160 VOLTS	VOLTS: 4,160 VOLTS
FRAME: 450-1250	FRAME: 450-1250	FRAME: 450-1250	FRAME: 450-1250

Scale: 1" = 400'

0 400 800 1200

Scale: 1" = 400'