

- SOILS**
- BuC - Bucks silt loam, 8 to 15 percent slopes
 - DBa - Duffield silt loam, 0 to 3 percent slopes
 - DBb - Duffield silt loam, 3 to 8 percent slopes
 - HaA - Hagerstown silt loam, 0 to 3 percent slopes
 - HaB - Hagerstown silt loam, 3 to 8 percent slopes
 - HbC - Hagerstown silty clay loam, 8 to 15 percent slopes
 - LaB - Lansdale loam, 3 to 8 percent slopes
 - LaC - Lansdale loam, 8 to 15 percent slopes
 - LaD - Lansdale loam, 15 to 25 percent slopes
 - Ln - Lindslee silt loam
 - Pa - Penlaw silt loam
 - Qu - Pits quarry
 - RaB - Readington silt loam, 3 to 8 percent slopes
 - UaC - Uingers loam, 8 to 15 percent slopes
 - W - Water

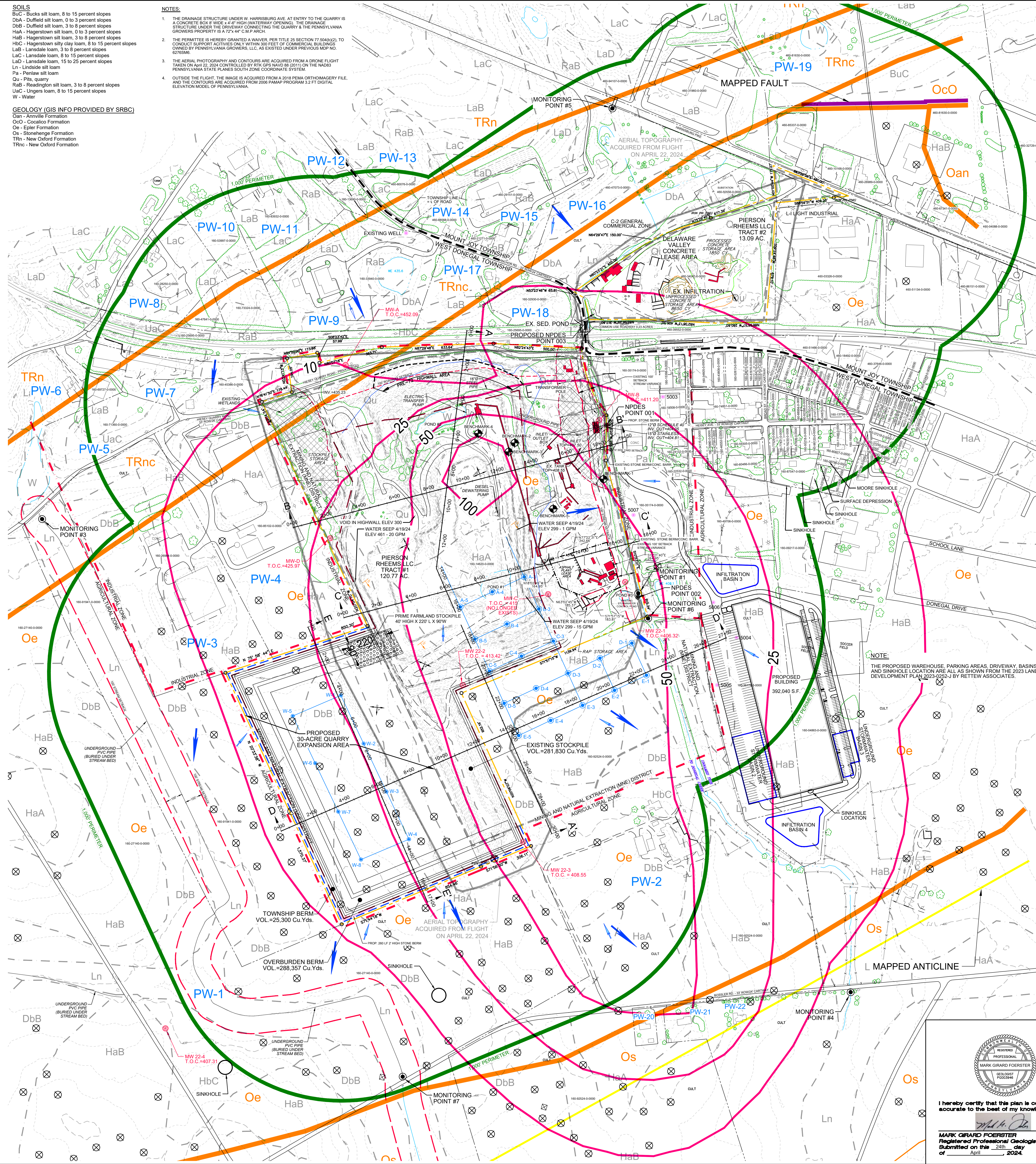
NOTES

- THE DRAINAGE STRUCTURE UNDER W. HARRISBURG AVE. AT ENTRY TO THE QUARRY IS A CONCRETE BOX 8' WIDE X 4' HIGH (WATERWAY OPENING). THE DRAINAGE STRUCTURE UNDER THE DRIVEWAY CONNECTING THE QUARRY & THE PENNSYLVANIA GROWERS PROPERTY IS A 7' X 4' C.M.P. ARCH.
- THE PERMITTEE IS HEREBY GRANTED A WAIVER, PER TITLE 26 SECTION 77.504(N)(2), TO CONDUCT SUPPORT ACTIVITIES ONLY WITHIN 300 FEET OF COMMERCIAL BUILDINGS OWNED BY PENNSYLVANIA GROWERS, LLC, AS EXISTED UNDER PREVIOUS MDP NO. 62793846.
- THE AERIAL PHOTOGRAPHY AND CONTOURS ARE ACQUIRED FROM A DRONE FLIGHT TAKEN ON APRIL 22, 2024 CONTROLLED BY RTK GPS NAVD 88 (2011) ON THE NAD83 PENNSYLVANIA STATE PLANS SOUTH ZONE COORDINATE SYSTEM.
- OUTSIDE THE FLIGHT, THE IMAGES IS ACQUIRED FROM A 2018 FEMA ORTHOMOGRAPHY FILE, AND THE CONTOURS ARE ACQUIRED FROM 2006 PAMAP PROGRAM 3.2 FT DIGITAL ELEVATION MODEL OF PENNSYLVANIA.

- GEOLOGY (GIS INFO PROVIDED BY SRBC)**
- Chn - Annville Formation
 - OcO - Conococtoc Formation
 - Oe - Epler Formation
 - Os - Stonehenge Formation
 - TRn - New Oxford Formation
 - TRnc - New Oxford Formation

LEGEND

- EXISTING 5' CONTOUR
- EXISTING 25' CONTOUR
- PIERSON-RHEEMS LLC PROPERTY LINE
- ADJOINER PROPERTY LINE
- SETBACK
- TOWNSHIP LINE
- ZONING LINE
- RAILWAY
- FENCELINE
- UTILITY POLE
- LIGHT POLE
- EXISTING MONITORING WELL LOCATION
- EXISTING WELL LOCATION
- PRIVATE WATER SUPPLY
- BORE HOLES
- STRIKE & DIP
- BACKGROUND & PROPOSED MONITORING POINTS
- 1,000 FOOT PERIMETER
- LIMIT OF MINING AS OF 01/01/72
- PROPOSED LIMIT OF MINING AND BONDING
- PROPOSED SURFACE MINE PERMIT
- EXISTING SURFACE MINE PERMIT
- EXISTING TREE LINE
- EXISTING EDGE OF WATER
- EXISTING SOILS
- DIRECTION AND PROGRESSION OF MINING
- MAPPED BEDROCK GEOLOGY
- MAPPED FAULT
- MAPPED FOLD
- MAPPED KARST FEATURE
- 300' RADIUS TO OCCUPIED STRUCTURE
- EXISTING QUARRY ZONE OF INFLUENCE CONTOURS
- REGIONAL GROUNDWATER FLOW DIRECTION
- LOCAL GROUNDWATER FLOW DIRECTION



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 "Providing Quality Engineering & Surveying Services since 1983."

LOCATION MAP

SCALE: 1" = 2000'

SCOTT WILLIAM AKENS
 REGISTERED PROFESSIONAL ENGINEER
 ENGINEER REG. # 14

I hereby certify that this plan is correct and accurate to the best of my knowledge.

Scott W. Akens
SCOTT W. AKENS
 Professional Engineer, PE079141
 Submitted on this 24th day of April, 2024.

REVISIONS:

ADDRESS PADEP 41/224 COMMENT LETTER - 05/28/24

EXHIBIT 6.2 ENVIRONMENTAL RESOURCES MAP

SURFACE MINE PERMIT NO. 36080301
 NPDES PERMIT NO. PA 0224651
 AUTHORIZATION TO MINE PERMIT NO. 6980-36080301-01

PIERSON RHEEMS LLC QUARRY OPERATION

WEST DONEGAL & MT JOY TOWNSHIPS
 LANCASTER COUNTY, PA

SCALE: 1" = 200'

SHEET NUMBER: 2 of 6

PLAN DATE: APRIL 24, 2024

FILE NAME: X:\240-1-51 Expansion\Drawing\240-1-51 Base.dwg

MARK GIRARD FOERSTER
 Registered Professional Geologist, PG003946
 Submitted on this 24th day of April, 2024.