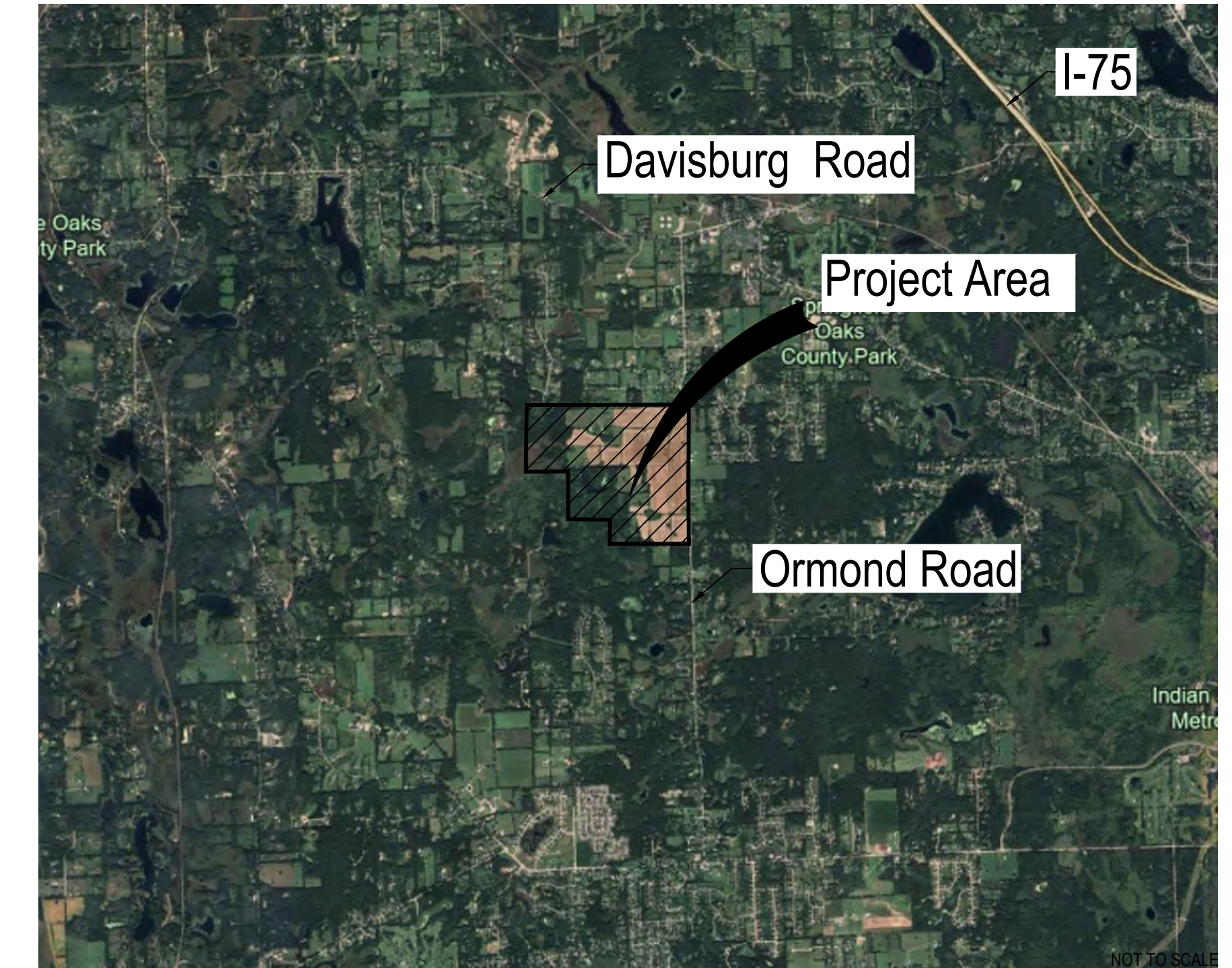


Springfield Township - Site

Springfield, Michigan

June 17, 2025
FINAL SITE PLAN REVIEW SUBMITTAL

SmithGroup Project Number: 14365

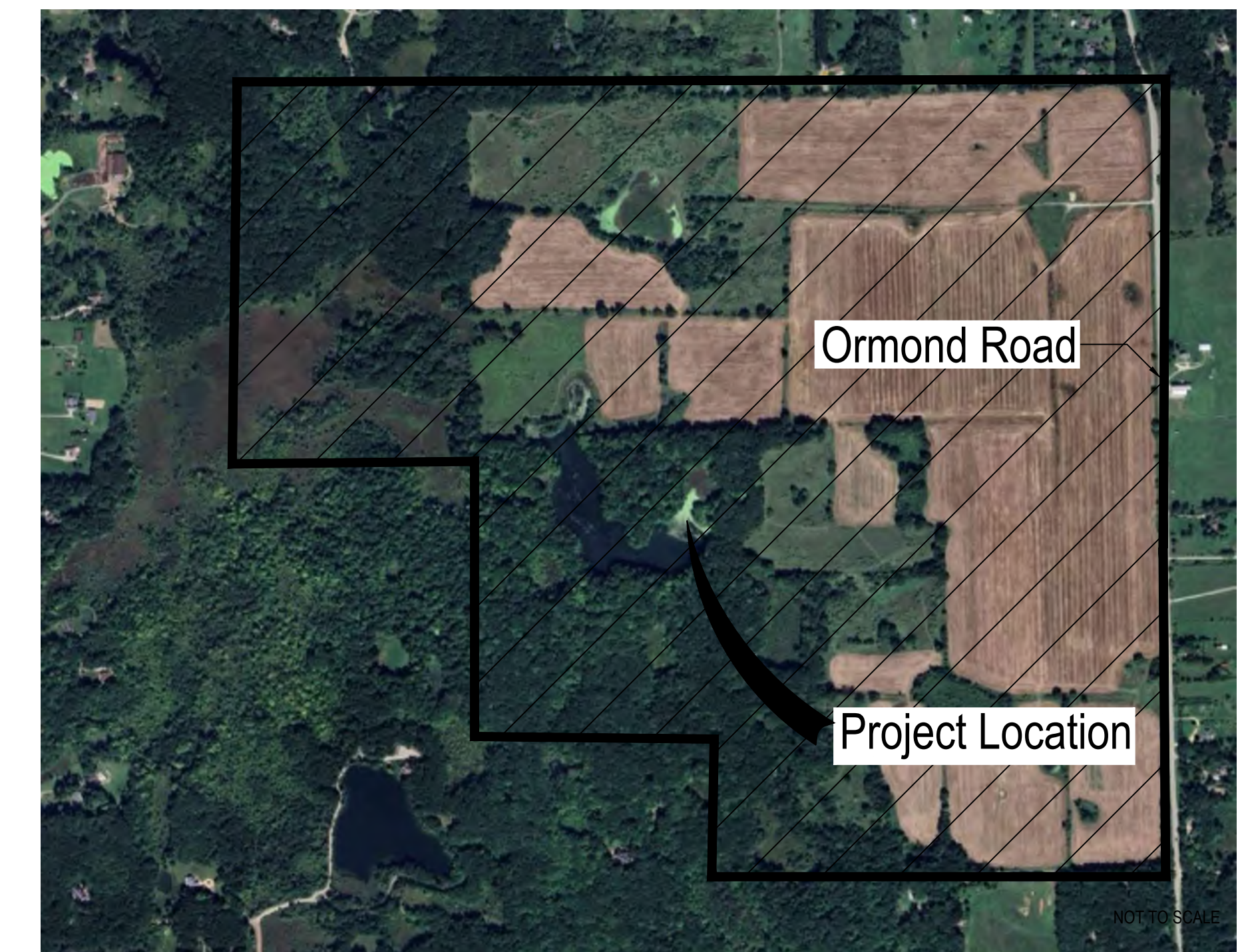


PROJECT VICINITY MAP

SHEET INDEX	
Sheet Number	Sheet Title
	COVER SHEET
001	EXISTING CONDITIONS - OVERALL
002	LAND USE STUDY MAP
003	FINAL SITE PLAN - OVERALL
003.1	PHOTOMETRIC PLAN
004	PHASE ONE
005	PHASE TWO
006	PHASE THREE-FOUR
007	PHASE FIVE
008	SITE CROSS SECTIONS
009	SITE CROSS SECTIONS
010	SITE CROSS SECTIONS
011	RECLAMATION GRADING PLAN NORTH
012	RECLAMATION GRADING PLAN SOUTH
013	POST MINING DEVELOPMENT CONCEPT NORTH
014	POST MINING DEVELOPMENT CONCEPT SOUTH

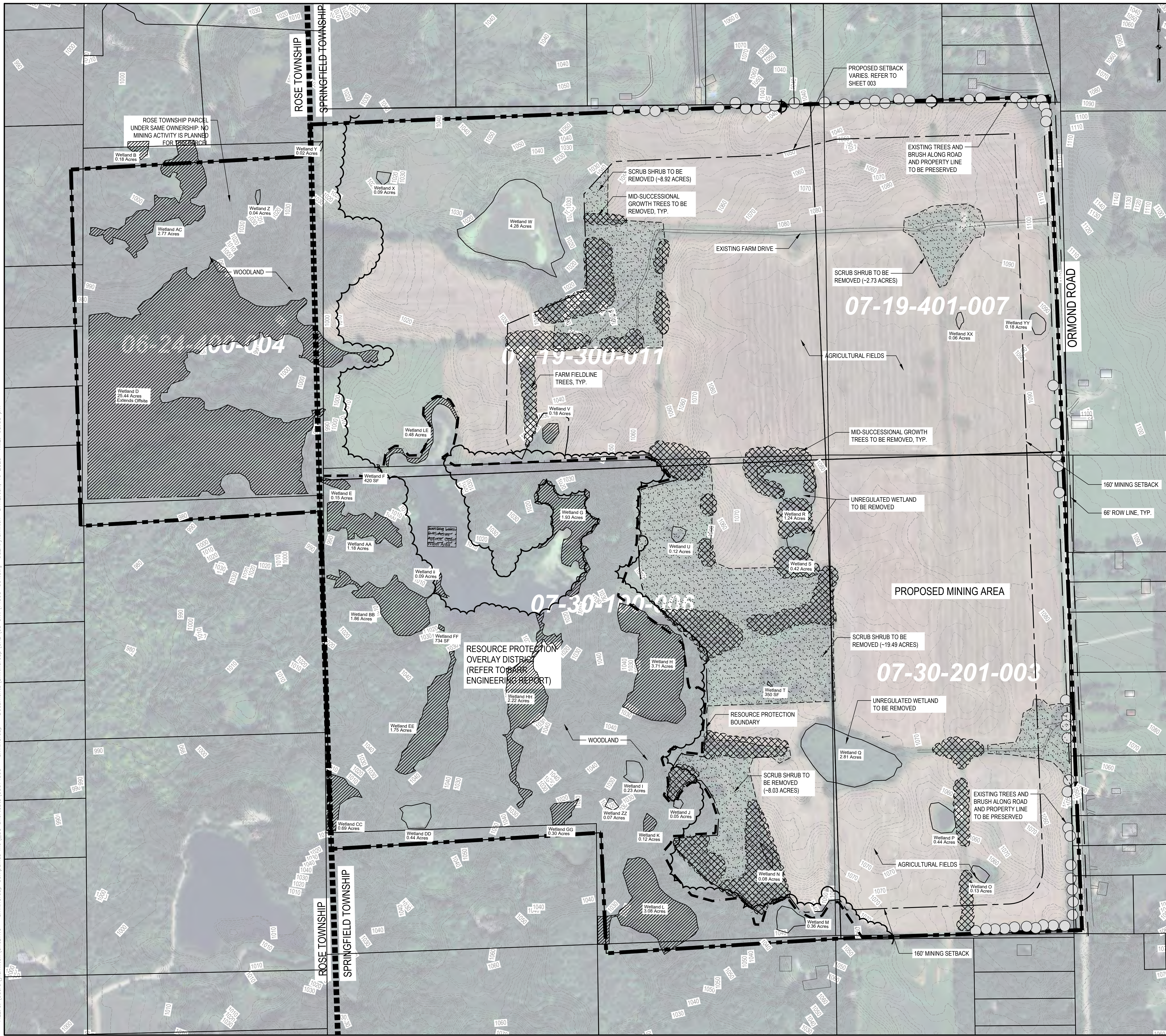
Prepared for:
BURROUGHS MATERIALS CORPORATION

Prepared by:
SMITHGROUP
 201 DEPOT STREET
 SECOND FLOOR
 ANN ARBOR, MI 48104
 734.662.4457
 www.smithgroup.com



PROJECT LOCATION MAP

FILE:C:\Users\jhamilton\OneDrive - SmithGroup Companies Inc\SC_Shortcuts\00014365 - SmithGroup - SmithGroup - Documents\SmithGroup\CAD\14365-C001.dwg USER: jhamilton DATE: Jun, 16 2025 TIME: 02:17 pm



SHEET NOTES

- SITE STATISTICS:
ROSE TOWNSHIP PARCEL SIZE: 60 ACRES
SPRINGFIELD TOWNSHIP PARCEL SIZE: 422 ACRES
PROPOSED MINING AREA: 213 ACRES
SPRINGFIELD SETBACKS AND PRESERVATION AREAS: 209 ACRES
- LEGAL DESCRIPTION OF THE LAND IS FOUND ON THE PROPERTY SURVEY DATED 3-23-99 SUBMITTED SEPARATELY.
- WETLANDS MAPPING AND NATURAL FEATURES ASSESSMENT PREPARED BY BARR ENGINEERING, 3005 BOARDWALK ST, SUITE 100, ANN ARBOR MI, 48108
PHONE NO.: 734.922.4400

SPRINGFIELD TOWNSHIP - SITE

6651 ORMOND ROAD,
SPRINGFIELD TOWNSHIP, MI
48350

Owner:
BURROUGHS MATERAILS CORP

LEGEND

- PROPERTY BOUNDARY
- 66' RIGHT OF WAY LINE
- MINING OFFSET LINE
- WOODLAND EDGE
- EGLE REGULATED WETLAND
- EGLE REGULATED LAKE
- NON-REGULATED WETLAND
- REMOVE SCRUB SHRUB LAND
- REMOVE MID-SUCCESSIONAL GROWTH TREES
- TOWNSHIP BOUNDARY
- RESOURCE PROTECTION BOUNDARY
- EXISTING TREE

SMITHGROUP

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GENERAL PROJECT NOTES

- THE HOURS OF OPERATION SHALL BE LIMITED TO 6:00 A.M. TO 7:00 P.M., EXTENDED TO 8:00 P.M. DURING DAYLIGHT SAVINGS TIME, AND PROHIBITED ON SUNDAYS AND LEGAL HOLIDAYS (ESTABLISHED BY RESOLUTION OF THE TOWNSHIP BOARD). THE TERM "OPERATION" MEANS THE OPERATION OF MINING MACHINERY, THE PROCESSING PLANT AND/OR ANY RELATED TRUCKING ACTIVITIES.
- ROAD MAINTENANCE: ACCESS ROADS, EXCLUDING ROADS UNDER THE JURISDICTION OF THE ROAD COMMISSION FOR OAKLAND COUNTY, TO AND WITHIN THE SUBJECT PROPERTIES SHALL BE MAINTAINED BY THE PERMIT HOLDER SO AS TO MAINTAIN THE ROADS IN ADEQUATE CONDITION FOR ACCESS PURPOSES AND TO MINIMIZE THE DUST ARISING FROM THE USE OF SUCH ROADS. SUCH MAINTENANCE SHALL BE ACCOMPLISHED THROUGH THE APPLICATION OF CHLORIDE, WATER, AND/OR SIMILAR DUST RETARDANT MATERIAL. IN THE EVENT NOTIFICATION IS RECEIVED FROM ANY OTHER COUNTY AND/OR STATE AGENCY HAVING JURISDICTION OVER THE AFFECTED PUBLIC ROADWAY REGARDING MAINTENANCE REQUIREMENTS, THE NOTIFIED MINING OPERATORS SHALL PROMPTLY TAKE WHATEVER APPROPRIATE ACTION IS NECESSARY TO ADDRESS THE AGENCY'S REQUIREMENTS.
- BOUNDARIES OF MINING AREA, NATURAL RESOURCES PROTECTION AREA, AND BUFFERS TO BE FIELD SURVEYED PRIOR TO COMMENTMENT OF MINING EACH PHASE OF WORK.
- THE PERIMETER OF THE MINING AREA WILL BE FENCED AND SIGNED FOR "NO TRESPASSING", CONSISTENT WITH TOWNSHIP ORDINANCES. NO PEDESTRIAN TRAFFIC WITHIN THE SITE IS ANTICIPATED.
- MITIGATION MEASURES FOR ANY LOST NATURAL RESOURCE IN THE PRIORITY PROTECTION AREAS INDICATED ON PLANS WILL BE PROVIDED IN A MANNER THAT IS AGREED UPON BY THE TOWNSHIP BOARD.
- THE SITE WILL EMPLOY BETWEEN SIX AND EIGHT PEOPLE AT ANY GIVEN WORK DAY.

ISSUED FOR	REV	DATE
FINAL SITE PLAN SUBMITTAL		17JUNE2025
SITE PLAN REVIEW		02JUNE2025
SITE PLAN/SPECIAL LAND USE SUBMITTAL		19MAY2025

SEALS AND SIGNATURES

KEY PLAN

DRAWING TITLE
EXISTING CONDITIONS - OVERALL

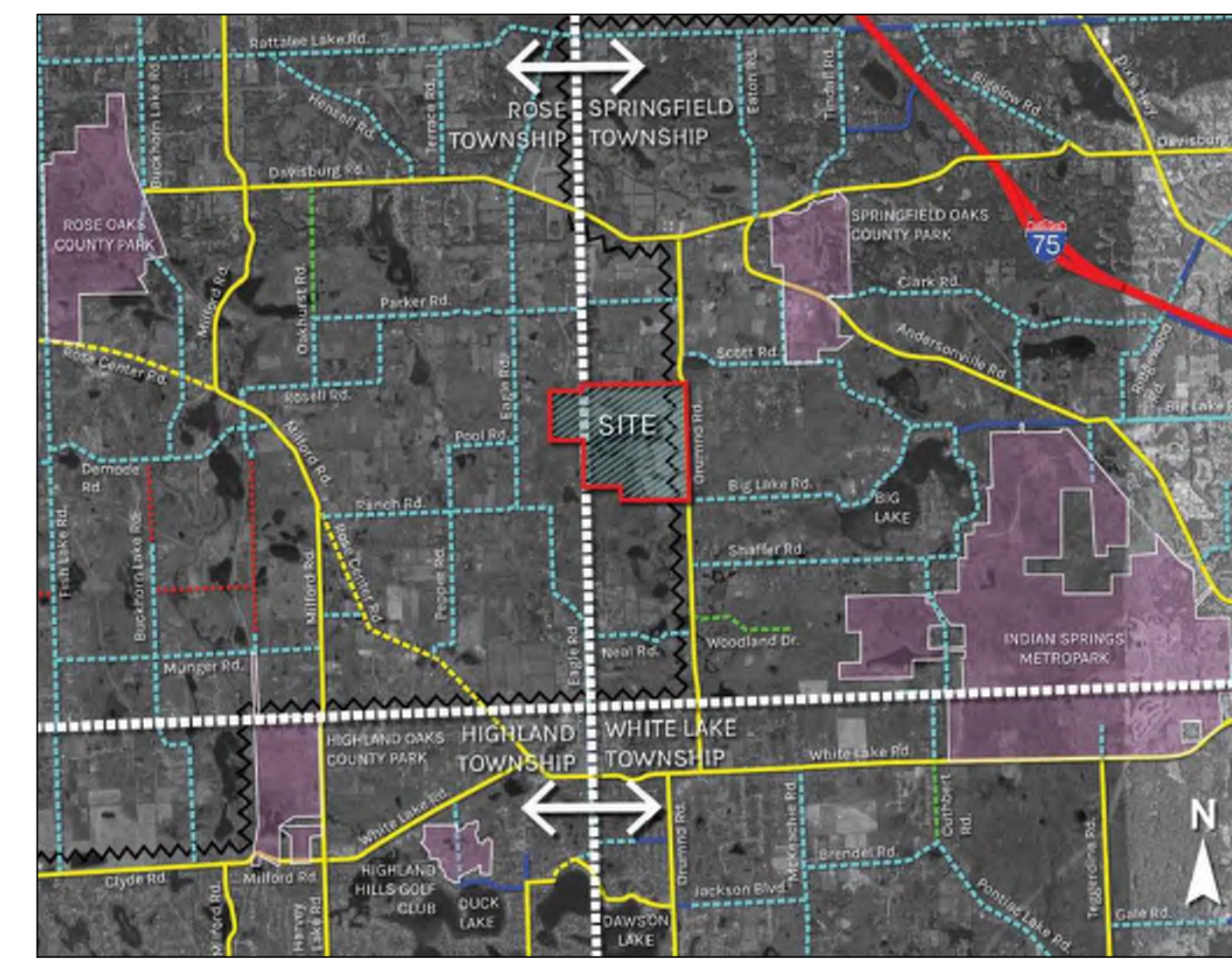
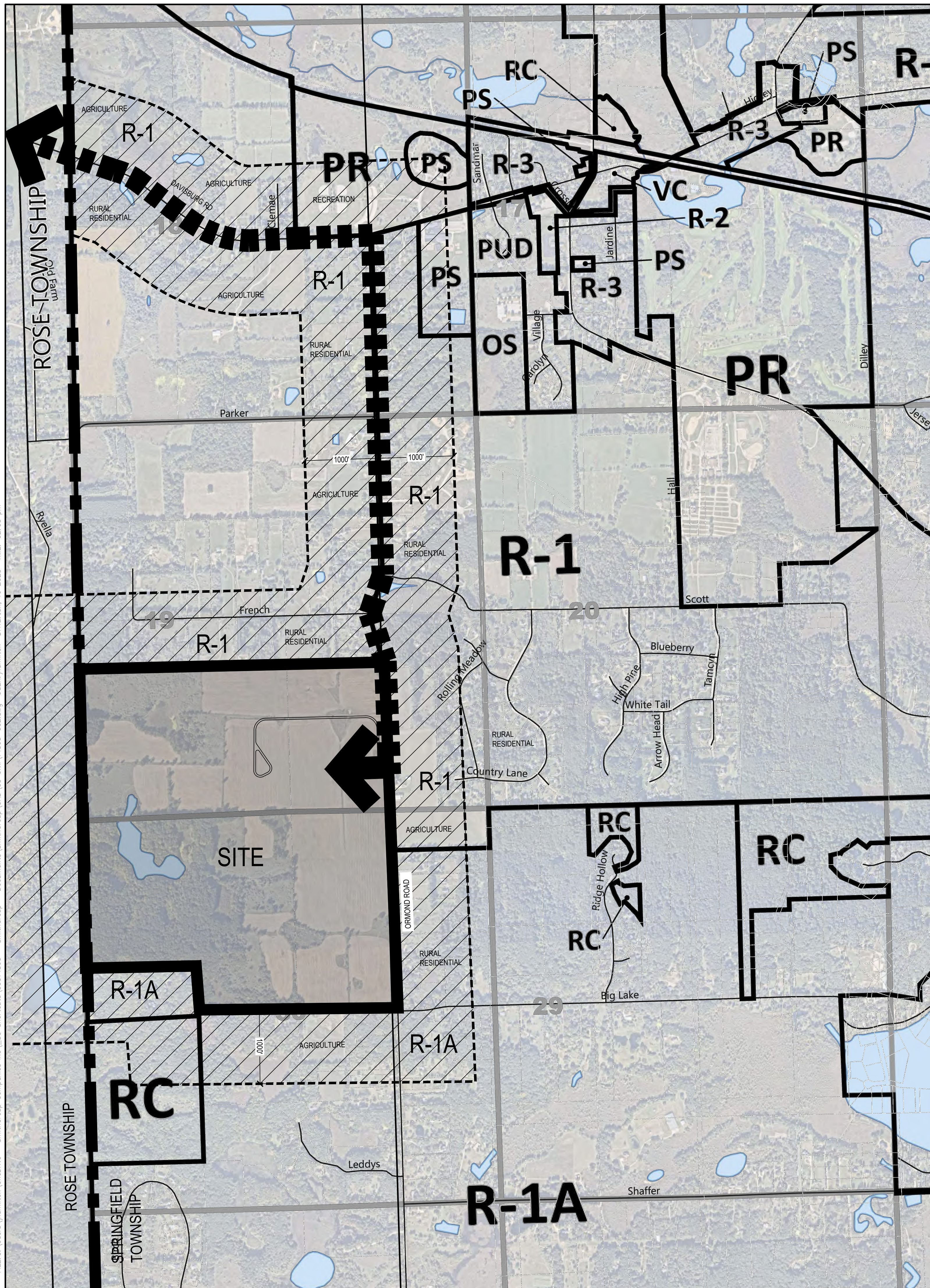
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SCALE: 1" = 250'

PROJECT NUMBER
14365

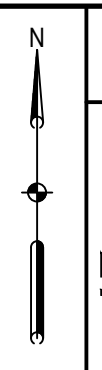
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LOCATION MAP



LEGEND

- HAUL ROUTE
- 1000' OFFSET WIDTH LAND USE STUDY AREA
- COUNTY LINE
- SITE BOUNDARY

1
C1.0

ZONING DESIGNATIONS

- C-1 LOCAL BUSINESS
- C-2 GENERAL BUSINESS
- E-1 EXTRACTIVE
- M-1 LIGHT INDUSTRIAL
- M-2 HEAVY INDUSTRIAL
- OS OFFICE SERVICE
- PR PARKS & RECREATION
- PS PUBLIC SERVICE
- PUD PLANNED UNIT DEVELOPMENT
- R-1A SUBURBAN ESTATES (2.5ac.)
- R-1 ONE-FAMILY RESIDENTIAL (1.5 ac.)
- R-2 ONE-FAMILY RESIDENTIAL (1.0 ac.)
- R-3 ONE-FAMILY RESIDENTIAL (0.5 ac.)
- RC RESOURCE CONSERVATION
- RM RESIDENTIAL MULTIPLE
- RMH RESIDENTIAL MOBILE HOME
- VC VILLAGE CENTER

SPRINGFIELD TOWNSHIP - SITE

6651 ORMOND ROAD,
SPRINGFIELD TOWNSHIP, MI
48350

Owner:
BURROUGHS MATERAILS CORP

SMITHGROUP

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ISSUED FOR	REV	DATE

FINAL SITE PLAN SUBMITTAL	17JUNE2025
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SEALS AND SIGNATURES



KEY PLAN

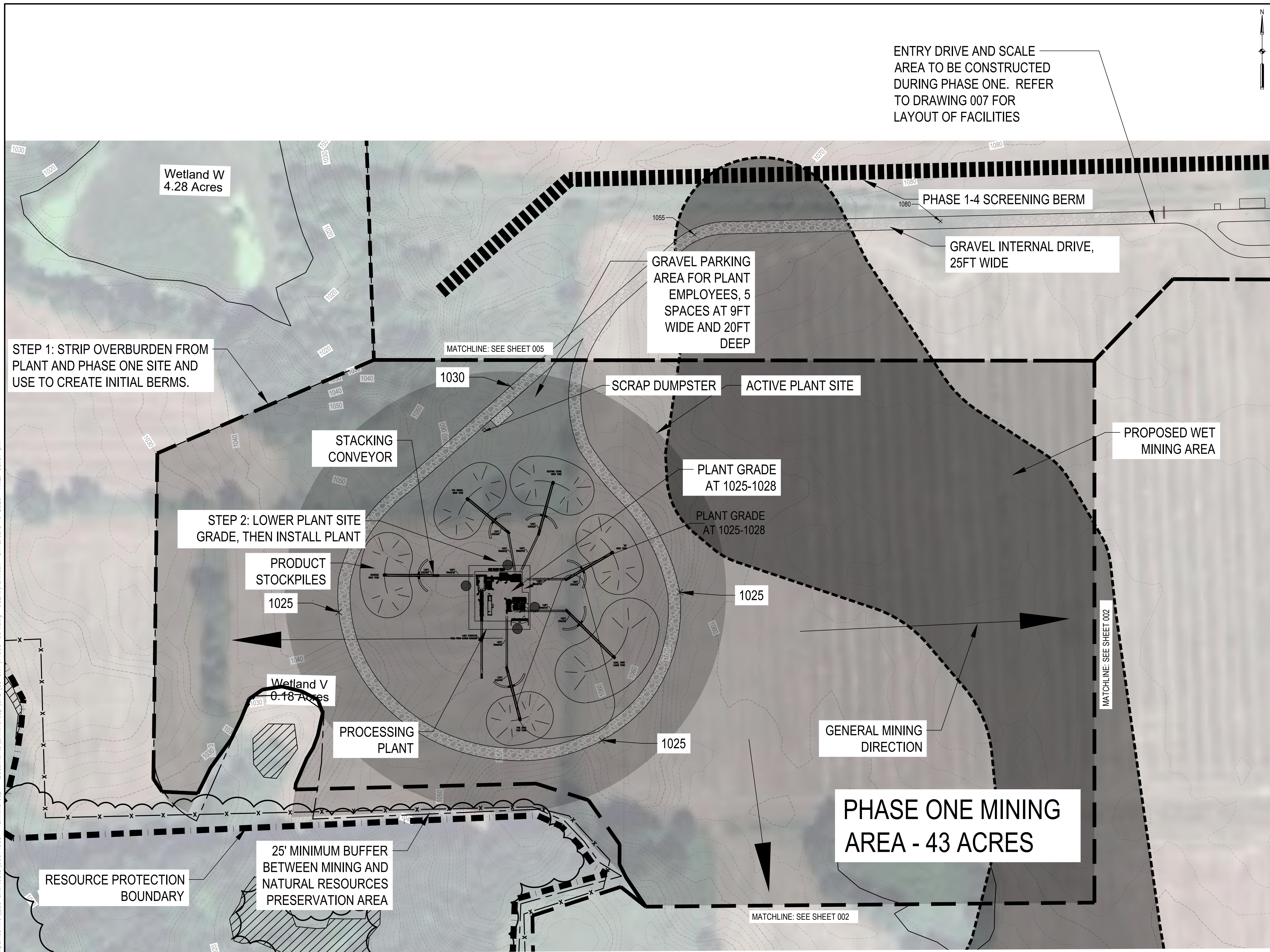
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LAND USE STUDY MAP

SCALE: NOT TO SCALE

SCALE PROJECT NUMBER 14365

DRAWING NUMBER **002**

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SHEET NOTES

1. THE TOTAL AREA BEING MINED, AND WHICH HAS NOT BEEN RECLAIMED, SHALL AT NO TIME EXCEED THE LESSER OF 75 ACRES OR 40 PERCENT OF THE ENTIRE PARCEL APPROVED AS A SPECIAL USE. THE PREPARATION OF THE LAND FOR MINING WILL BE DONE ON AN AS NEEDED BASIS, LEAVING EXISTING LAND COVER IN PLACE UNTIL REMOVAL IS REQUIRED FOR MINING ACTIVITIES.
2. MATERIAL QUANTITIES AND MINING TIME FRAMES HAVE BEEN ESTIMATED BASED ON AVAILABLE INFORMATION ABOUT GEOLOGICAL CONDITIONS AND CURRENT PROJECTIONS FOR PRODUCTION AND SALES, AND ARE SUBJECT TO CHANGE BASED ON THE DISCOVERY OF UNANTICIPATED CONDITIONS AND CHANGES IN MARKET CONDITIONS. AS SUCH CHANGES MAY BECOME APPARENT, THEY WILL BE REPORTED IN THE PROCESS OF RENEWING THE SPRINGFIELD TOWNSHIP ANNUAL SOIL REMOVAL PERMIT.
3. STORM WATER AND POTENTIAL EROSION AND SEDIMENTATION ISSUES WILL BE MANAGED THROUGH THE USE OF TEMPORARY AND LONG TERM INFILTRATION BASINS, PRESERVATION BUFFERS, AND SILT FENCE AT THE PERIMETER OF EXCAVATION WHERE RUNOFF MAY POTENTIALLY LEAVE THE MINING AREA DURING SITE PREPARATION. ALL STORMWATER FROM THE MINING AREA WILL BE HELD ON SITE.
4. RECLAMATION SLOPES ARE PROPOSED AT 3:1 (HORIZONTAL TO VERTICAL) IN CONFORMANCE WITH TOWNSHIP STANDARDS. SUBMERGED SLOPES WHICH SHALL BE GRADED FROM THE WATERS EDGE AT A GRADE NOT IN EXCESS OF ONE FOOT VERTICAL TO SEVEN FEET HORIZONTAL FOR A DISTANCE OF NOT LESS THAN TEN FEET, NOR MORE THAN 50 FEET.
5. THE EXTRACTION OF SAND AND GRAVEL WILL BE COMPLETED WITH FRONT END LOADERS, EITHER LOADING DIRECTLY INTO TRUCKS FOR HAULING, OR INTO THE FEED HOPPER OF THE PROCESSING PLANT. NO EXPLOSIVES WILL BE USED DURING THE OPERATION.
6. THE MOVEMENT OF OVERBURDEN SOILS, CONSTRUCTION OF SCREENING BERMS, AND RECLAMATION OF THE SITE WILL UTILIZE PAN SCRAPERS, EXCAVATORS, BULL DOZERS, AND TRUCKS.
7. INITIAL OVERBURDEN SOILS STRIPPED TO EXPOSE SAND AND GRAVEL MATERIALS IN PHASE ONE WILL BE UTILIZED TO BUILD THE SCREENING BERMS AT THE PERIMETER OF THE MINING SITE. SUBSEQUENT OVERBURDEN SOILS STRIPPED FROM PHASE ONE WILL BE UTILIZED TO RECLAIM INITIAL MINING AREA.
8. OVERBURDEN SOILS STRIPPED FROM PHASE TWO WILL BE USED TO RECLAIM THE REMAINING DISTURBED AREAS IN PHASE ONE AND INITIAL MINING AREAS OF PHASE TWO.

SPRINGFIELD TOWNSHIP - SITE

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- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- GENERAL MINING DIRECTION
- POTENTIAL WET MINING LIMITS

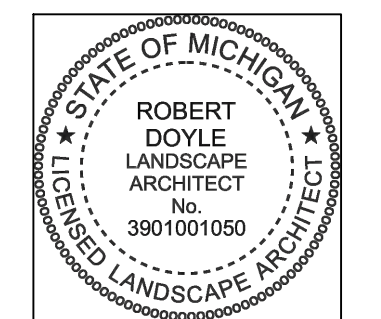
LEGEND

- PROPERTY BOUNDARY
- 66' RIGHT OF WAY LINE
- SECURITY FENCE
- GATE ENTRANCE
- WOODLAND EDGE
- EGLE REGULATED WETLAND
- EGLE REGULATED LAKE
- NON-REGULATED WETLAND
- MINING LIMITS / PHASE BOUNDARY
- RESOURCE PROTECTION OVERLAY DISTRICT BOUNDARY
- SCREENING BERM
- GENERAL MINING DIRECTION
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- APPROXIMATE LOCATION OF EXISTING BUILDING

ISSUED FOR REV DATE

FINAL SITE PLAN SUBMITTAL	17JUNE2025
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SEALS AND SIGNATURES



KEY PLAN



DRAWING TITLE
PHASE ONE

SCALE
0 50 100 200
SCALE: 1" = 100'-0"

PROJECT NUMBER
14365

DRAWING NUMBER
004

