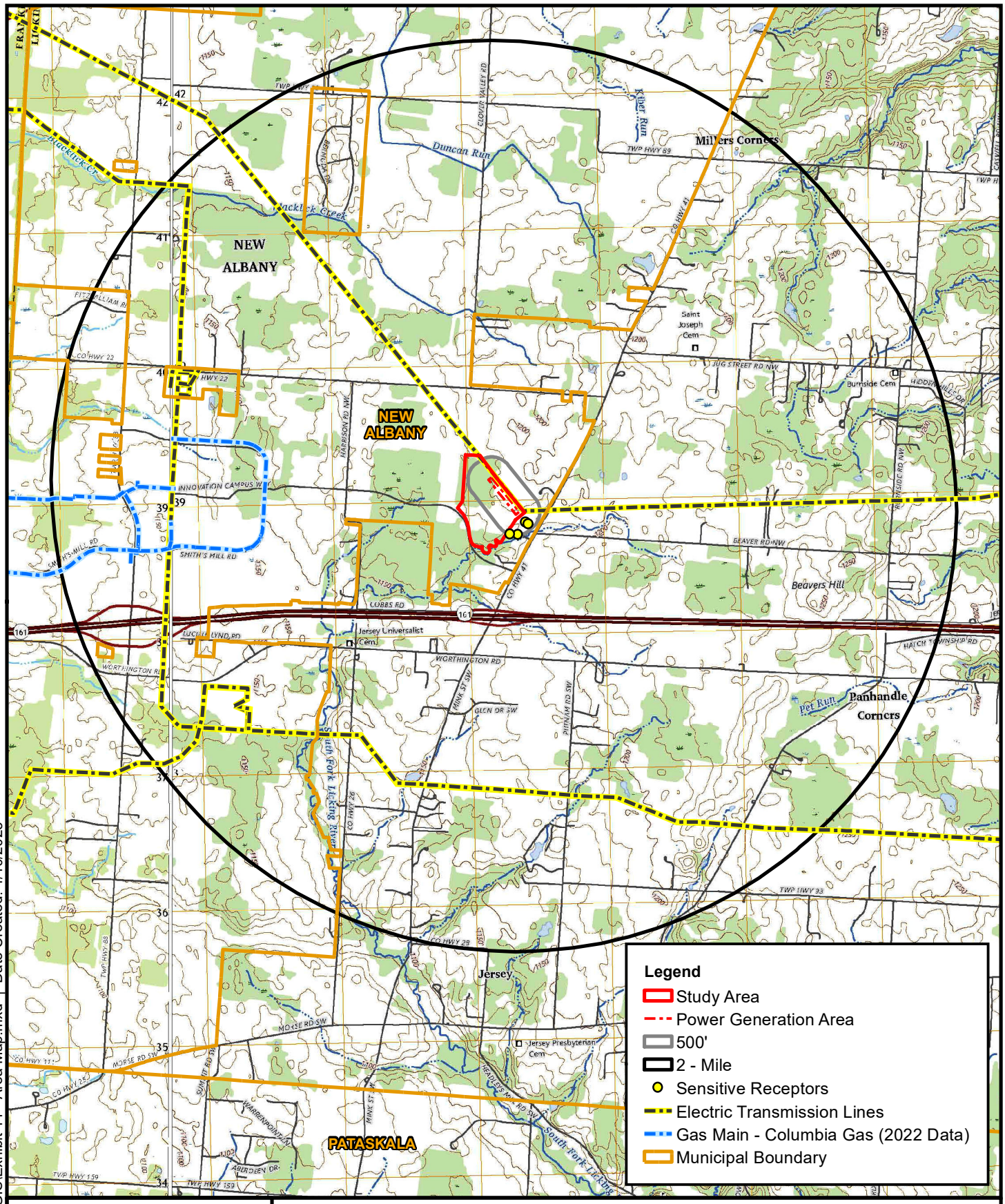
Figure 1
Area Map

EMHT

April 10, 2025

Also see Application Exhibit A, the Ecological Resources Study, Exhibit 2A



Path: J:\20250173\GIS\Exhibit 11 - Area Map.mxd | Date Created: 4/10/2025

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JERSEY TOWNSHIP, LICKING COUNTY, OHIO

525 Building Power Generation Project
Area Map
Figure 1

SCALE: 1" = 3,200'

0 1,600 3,200 6,400 Feet

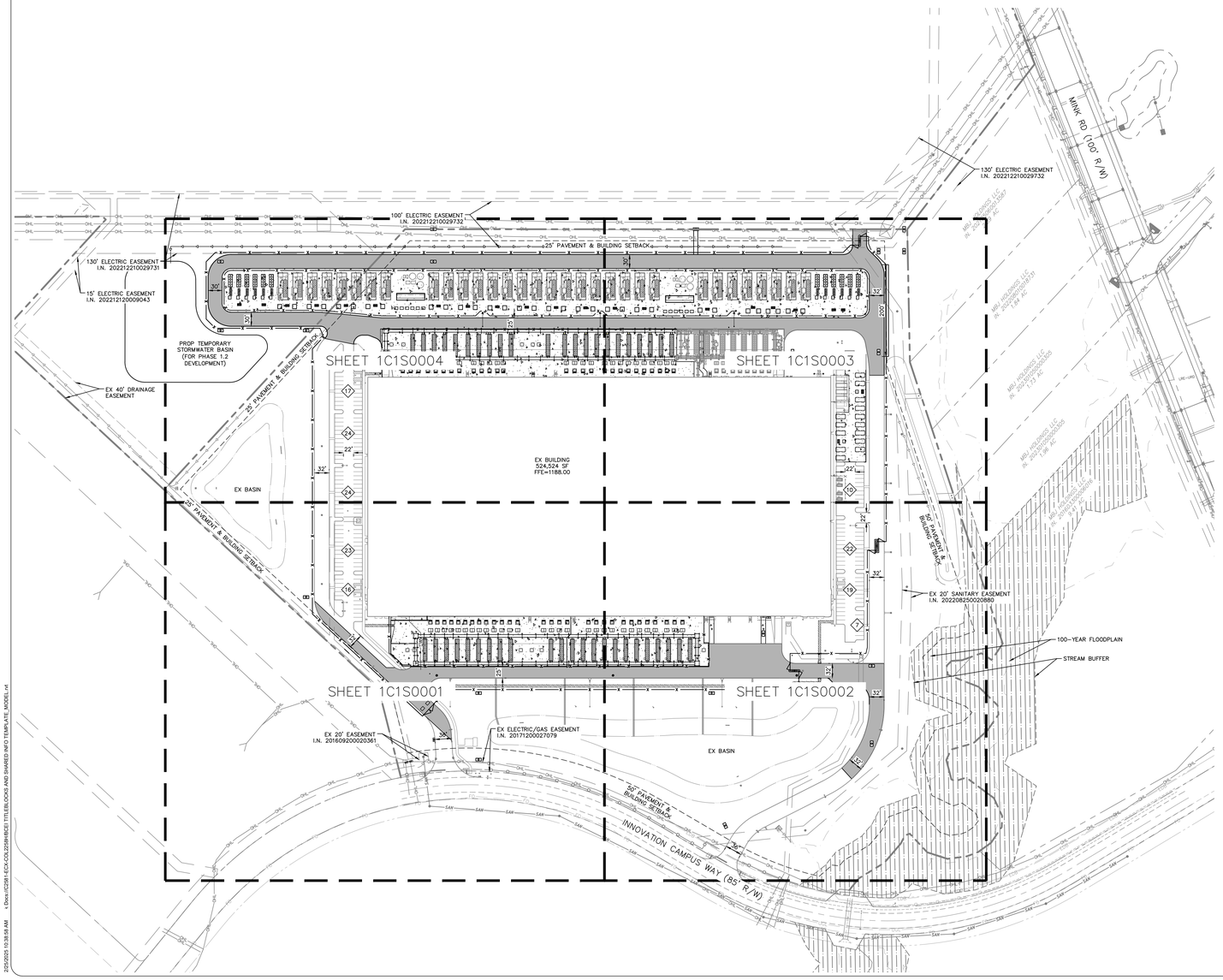
N

Source: Aerial - Licking County, 2024

Figure 2
Preliminary Site Plan

Burr Computer Environments, Inc., Gensler, and Kimley Horn

February 25, 2025



LEGEND

- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- STREAM BUFFER
- PRIME COAT PER ODOT ITEM 408
- 4' RAIL HORSE FENCE
- SECURITY FENCE – SEE ARCHITECTURAL PLAN FOR DETAILS
- PARKING COUNT

SITE DATA TABLE

BUILDING AREA:	±524,524 SF
TOTAL SITE AREA:	42.29 ACRES
EMPLOYEES:	32
PARKING REQUIRED (1 PER EMPLOYEE):	32 SPACES
PARKING PROVIDED:	162 SPACES
ADA PARKING REQUIRED:	6 SPACES
ADA PARKING PROVIDED:	6 SPACES
LOT COVERAGE:	70%

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NEW ALBANY, OH 43031, US

ISSUES & REVISIONS

NO	DATE	DESCRIPTION

SEAL

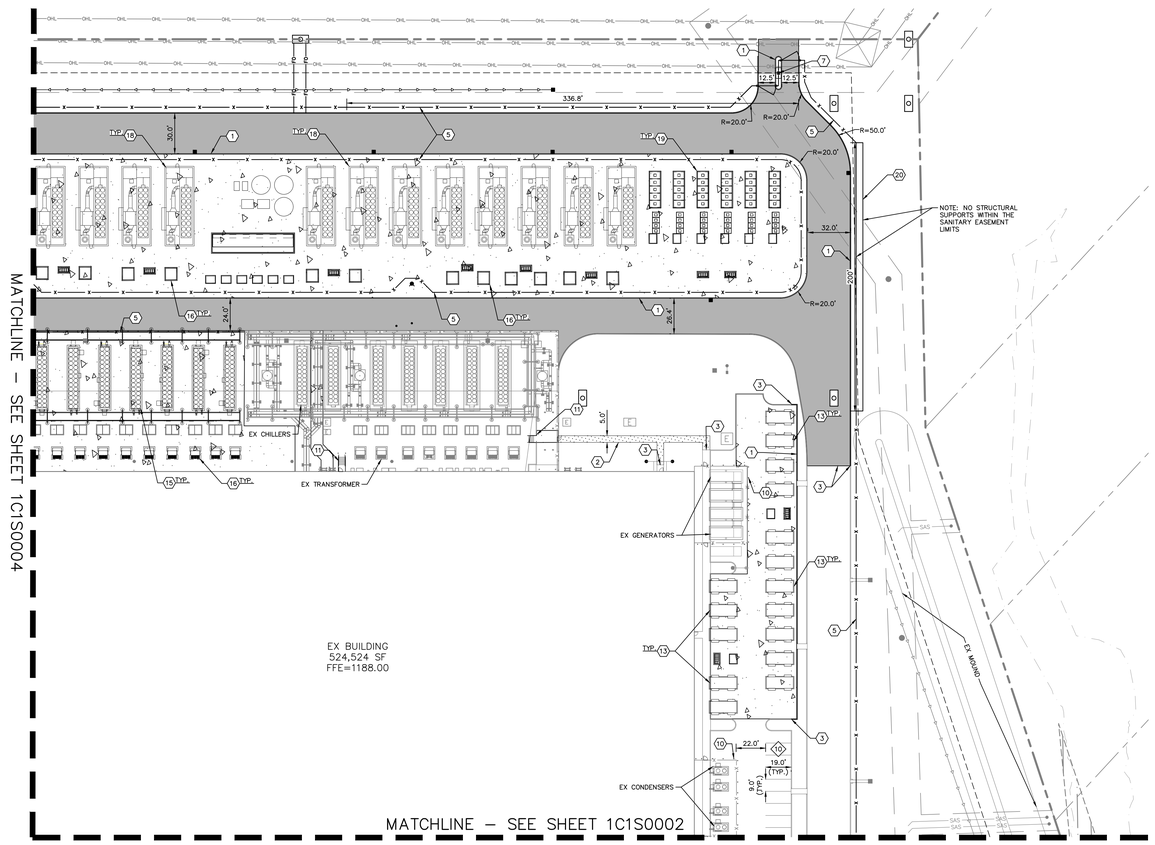
NOT FOR CONSTRUCTION

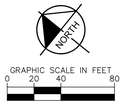
SHEET TITLE

OVERALL SITE PLAN

DRAWN: ACW
REVIEWED: AJS
PROJECT NO: C2561

SHEET NO.
1C1S0000





LEGEND

- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- STREAM BUFFER
- PRIME COAT PER ODOT ITEM 408
- 4' RAIL HORSE FENCE
- SECURITY FENCE – SEE ARCHITECTURAL PLAN FOR DETAILS
- PARKING COUNT

KEYNOTES

1. 6" CONCRETE CURB, TYP. (SEE EMH&T PLAN, SHEET 4)
2. CONCRETE SIDEWALK, TYP. (SEE EMH&T PLAN, SHEET 4)
3. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
4. ADA LANDING & RAMP (SEE EMH&T PLAN, SHEET 4)
5. SECURITY FENCE (SEE ARCHITECTURAL PLANS)
6. SECURITY GATE (SEE ARCHITECTURAL PLANS)
7. SECURITY GATE WITH KNOX SWITCH GATE ACCESS (SEE ARCHITECTURAL PLANS)
8. NON-VEHICULAR ACCESS GATE (SEE ARCHITECTURAL PLANS)
9. BOLLARDS, TYP. (SEE DETAILS)
10. LOOP DETECTOR, TYP.
11. STAIRS (SEE ARCHITECTURAL PLANS)
12. 4' (H) RETAINING WALL (SEE STRUCTURAL PLANS)
13. LINEAR GENERATORS (SEE ELECTRICAL PLANS)
14. CONDENSERS (SEE MECHANICAL PLANS)
15. CHILLERS (SEE MECHANICAL PLANS)
16. TRANSFORMERS (SEE ELECTRICAL PLANS)
17. WATER TANK (SEE MECHANICAL PLANS)
18. ENGINE CONTAINER (SEE MECHANICAL PLANS)
19. BATTERY ENERGY STORAGE SYSTEM (SEE ELECTRICAL PLANS)
20. 35' (H) SOUND WALL (SEE STRUCTURAL PLANS)

SITE PLAN NOTES

1. ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
2. BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
3. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
4. RADII ADJACENT TO PARKING STALL AND NOT DIMENSIONED ON THIS PLAN SHALL BE 5-FEET, TYPICAL.
5. CONTRACTOR TO UTILIZE DOWELS BETWEEN EXISTING AND PROPOSED CONCRETE PAVEMENT, SEE DETAIL ON SHEET 1C1S0001.
6. CONTRACTOR TO CRACK SEAL (ODOT ITEM 432) BETWEEN EXISTING AND PROPOSED ASPHALT PAVEMENT.

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ISSUES & REVISIONS

NO	DATE	DESCRIPTION

SEAL

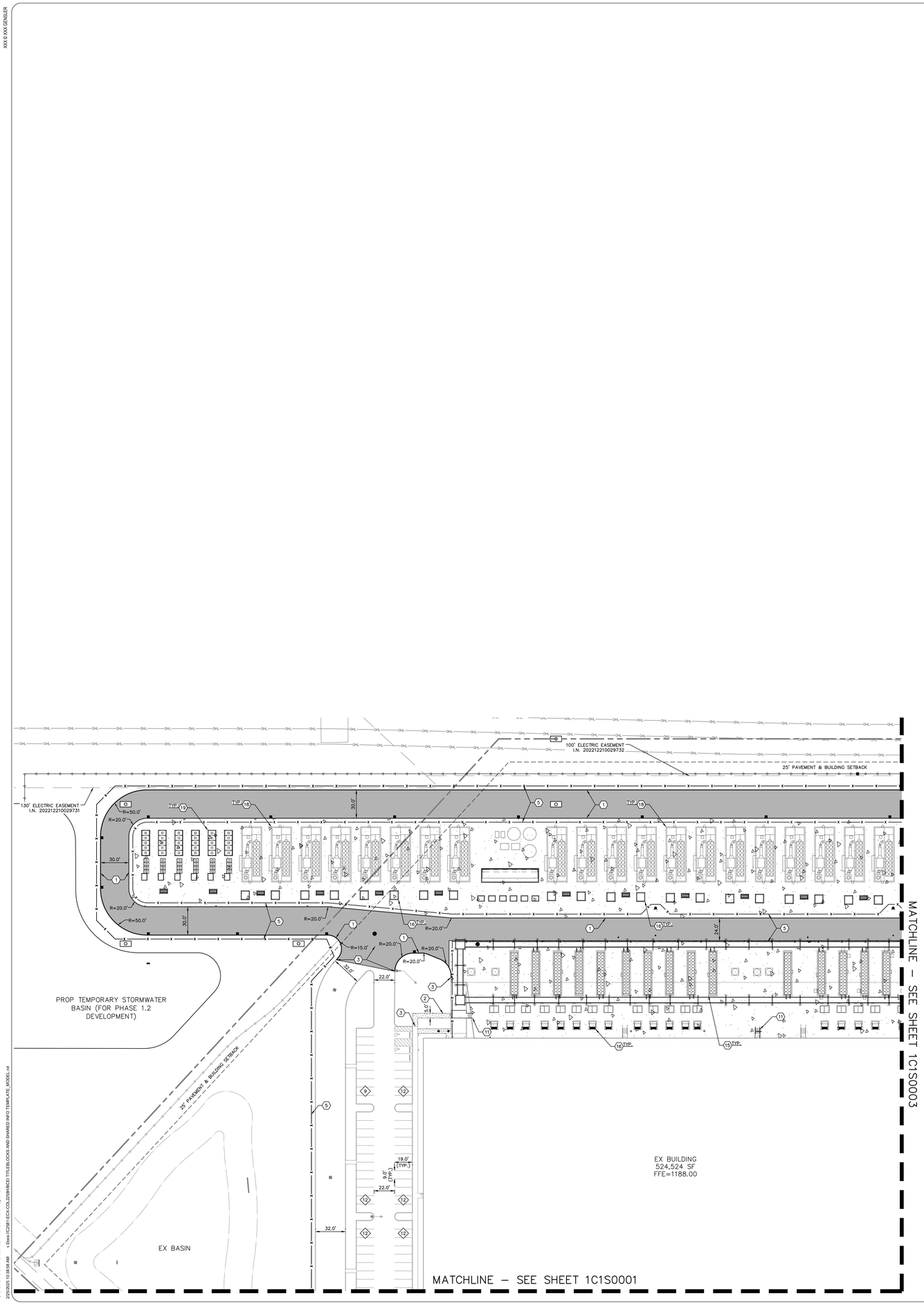
NOT FOR CONSTRUCTION

SHEET TITLE

SITE PLAN

DRAWN: ACW
REVIEWED: AJS
PROJECT NO: C2581

SHEET NO.
1C1S0003



GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- STREAM BUFFER
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- 4' RAIL HORSE FENCE
- SECURITY FENCE – SEE ARCHITECTURAL PLAN FOR DETAILS
- PARKING COUNT

KEYNOTES

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8. NON-VEHICULAR ACCESS GATE (SEE ARCHITECTURAL PLANS)
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10. LOOP DETECTOR, TYP.
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12. 4' (H) RETAINING WALL (SEE STRUCTURAL PLANS)
13. LINEAR GENERATORS (SEE ELECTRICAL PLANS)
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NO	DATE	DESCRIPTION

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SHEET TITLE
SITE PLAN

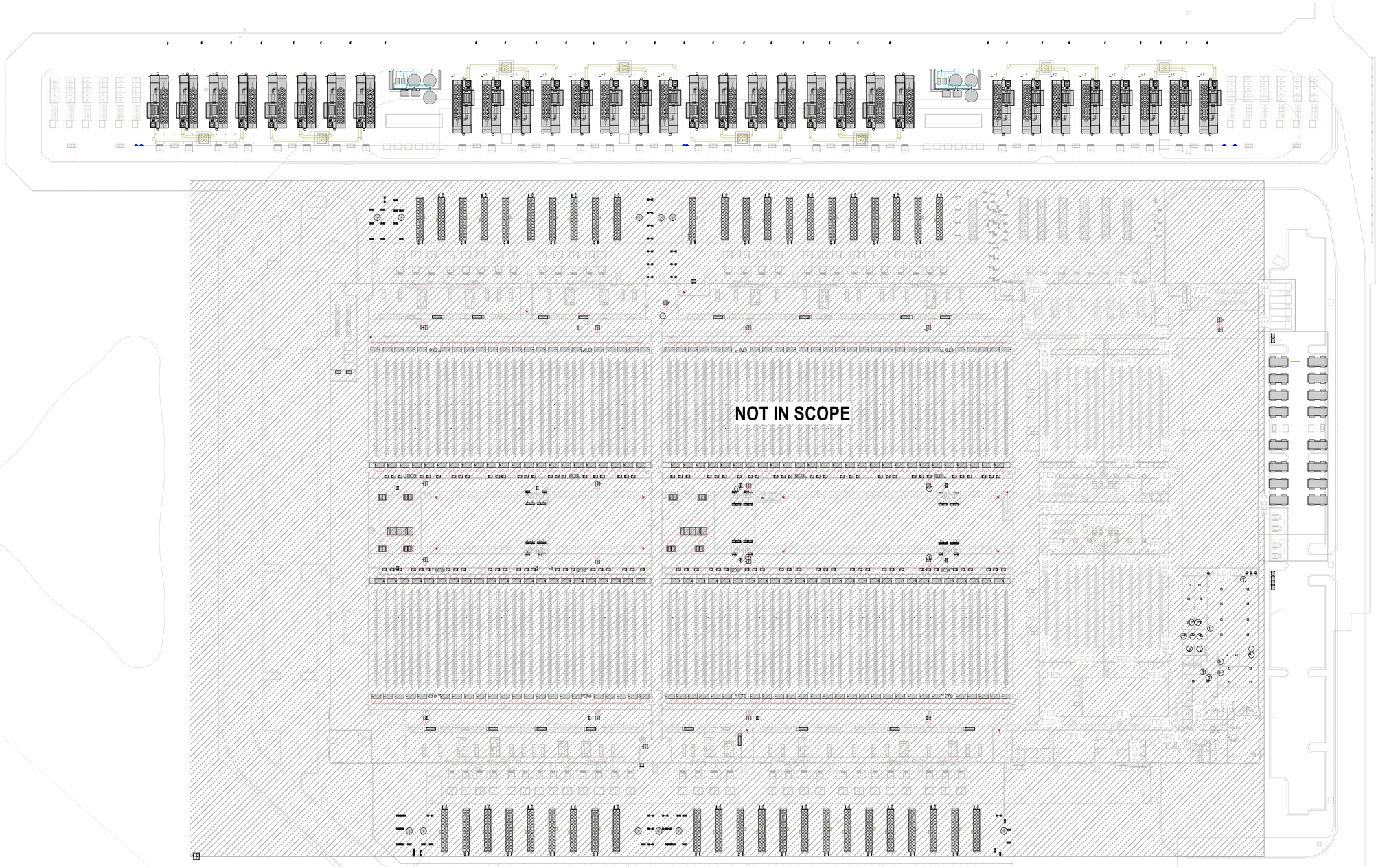
DRAWN: ACW
REVIEWED: AJS
PROJECT NO: C2561

SHEET NO.
1C1S0004

Figure 3
Energy Center Layout

Burr Computer Environments, Inc., Gensler, and Kimley Horn

April 9, 2025



1 NORTH **ENERGY CENTER OVERVIEW**
SCALE: 1" = 40'-0"

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NO	DATE	DESCRIPTION
1	02/28/2025	60% SET

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ENERGY CENTER OVER

54321
6
7

NORT **KEYPLAN**

DRAWN Author
REVIEWED Checker
PROJECT NO Project Number

SHEET NO.
X001

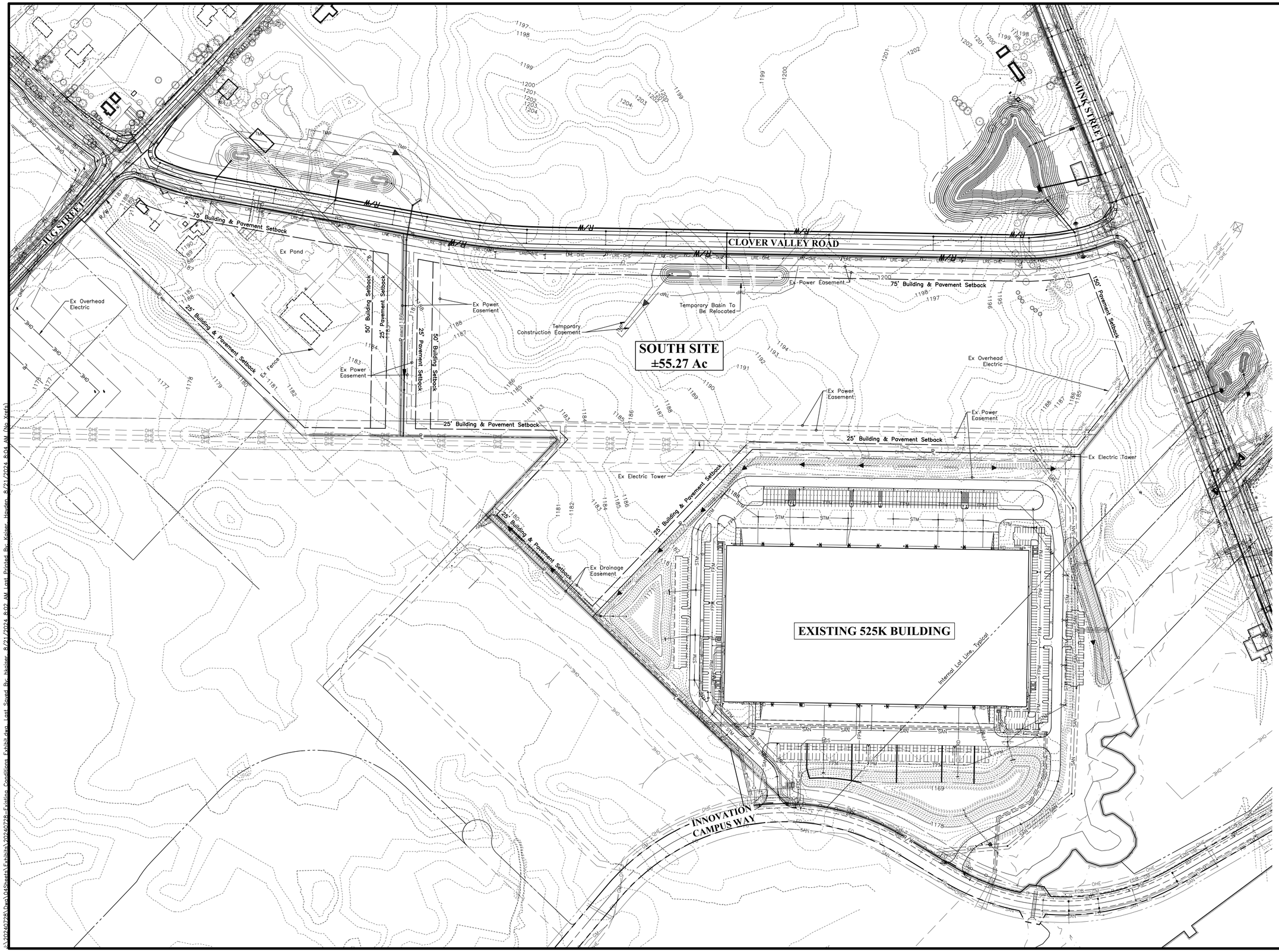
Figure 4
Study Area

Figure 4 - Study Area

Figure 5
Constraint Map

EMHT

August 21, 2024



REVISIONS

MARK	DATE	DESCRIPTION

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CITY OF NEW ALBANY, LICKING COUNTY, OHIO
EXISTING CONDITIONS EXHIBIT
FOR
SOUTH SITE

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Engineers • Surveyors • Planners • Scientists
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Phone: 614.775.4500 Toll Free: 888.775.3648
emht.com

DATE
August 21, 2024

SCALE
1" = 200'

JOB NO.
20240728

SHEET
3/3

Figure 6
Air Monitoring Stations

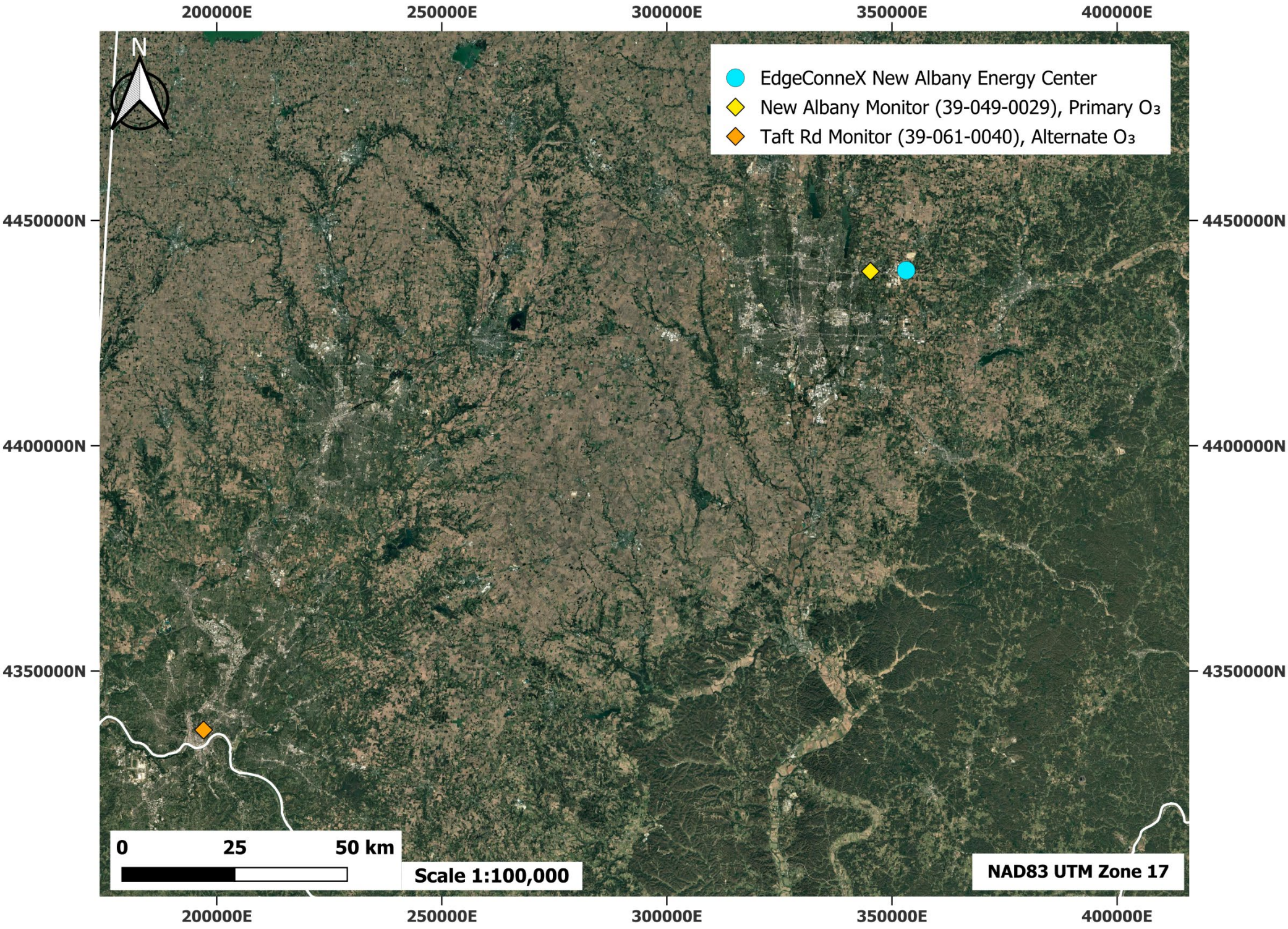

200000E
250000E
300000E
350000E
400000E
4450000N
4400000N
4350000N
N
EdgeConneX New Albany Energy Center
New Albany Monitor (39-049-0029), Primary O3
Taft Rd Monitor (39-061-0040), Alternate O3
0
25
50 km
Scale 1:100,000
NAD83 UTM Zone 17

Figure 7
FAA Notice Criteria Tool

Federal Aviation Administration

« OE/AAA

Notice Criteria Tool

Notice Criteria Tool - Desk Reference Guide V_2018.2.0

The requirements for filing with the Federal Aviation Administration for proposed structures vary based on a number of factors: height, proximity to an airport, location, and frequencies emitted from the structure, etc. For more details, please reference CFR Title 14 Part 77.9.

You must file with the FAA at least 45 days prior to construction if:

- your structure will exceed 200ft above ground level
- your structure will be in proximity to an airport and will exceed the slope ratio
- your structure involves construction of a traverseway (i.e. highway, railroad, waterway etc...) and once adjusted upward with the appropriate vertical distance would exceed a standard of 77.9(a) or (b)
- your structure will emit frequencies, and does not meet the conditions of the FAA Co-location Policy
- your structure will be in an instrument approach area and might exceed part 77 Subpart C
- your proposed structure will be in proximity to a navigation facility and may impact the assurance of navigation signal reception
- your structure will be on an airport or heliport
- filing has been requested by the FAA

If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the Air Traffic Areas of Responsibility map for Off Airport construction, or contact the FAA Airports Region / District Office for On Airport construction.

The tool below will assist in applying Part 77 Notice Criteria.

* **Structure Type:**	POWER_PLANT | Power Plant Please select structure type and complete location point information.
Latitude:	40 Deg 5 M 20 S N
Longitude:	82 Deg 43 M 18 S W
Horizontal Datum:	NAD83
Site Elevation (SE):	1186 (nearest foot)
Structure Height :	85 (nearest foot)
Is structure on airport:	◉ No ○ Yes

Results

You exceed the following Notice Criteria:

Your proposed structure is in proximity to a navigation facility and may impact the assurance of navigation signal reception. The FAA, in accordance with 77.9, requests that you file.

The FAA requests that you file

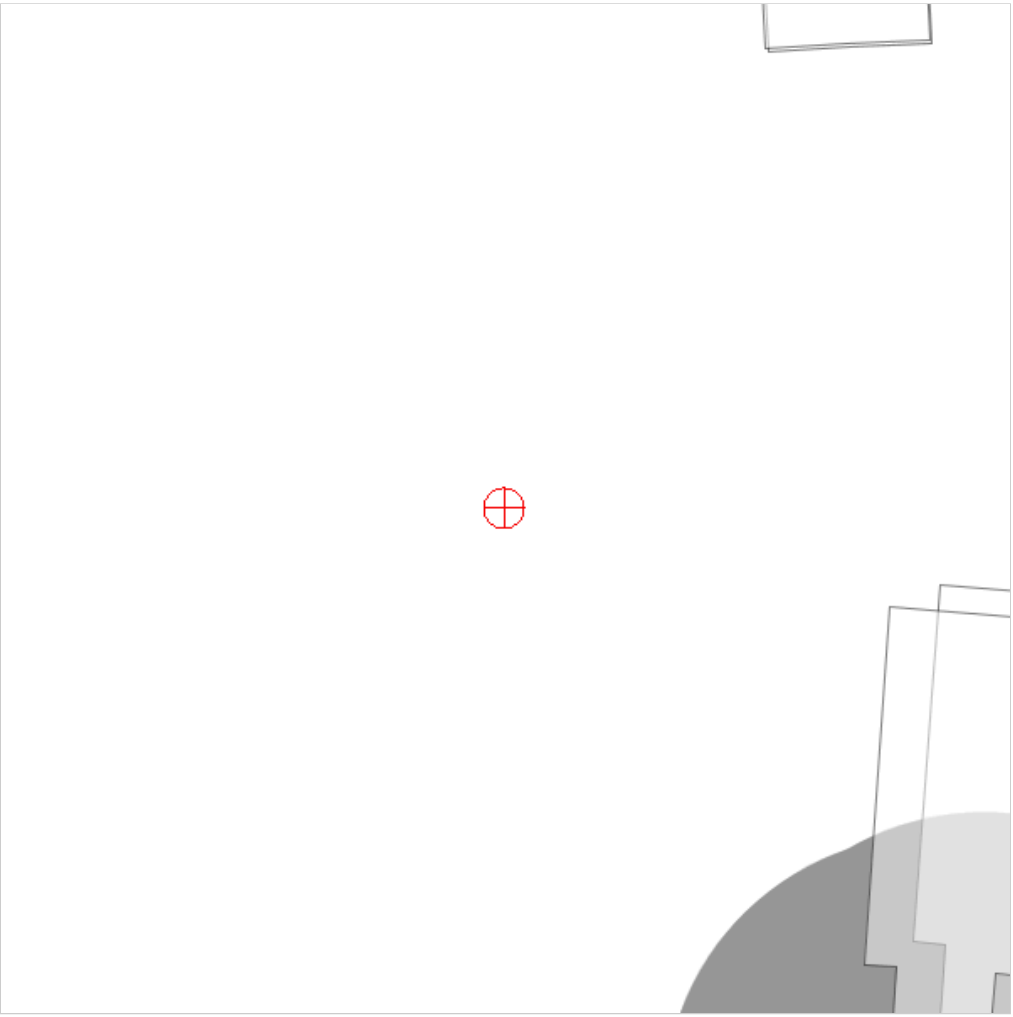
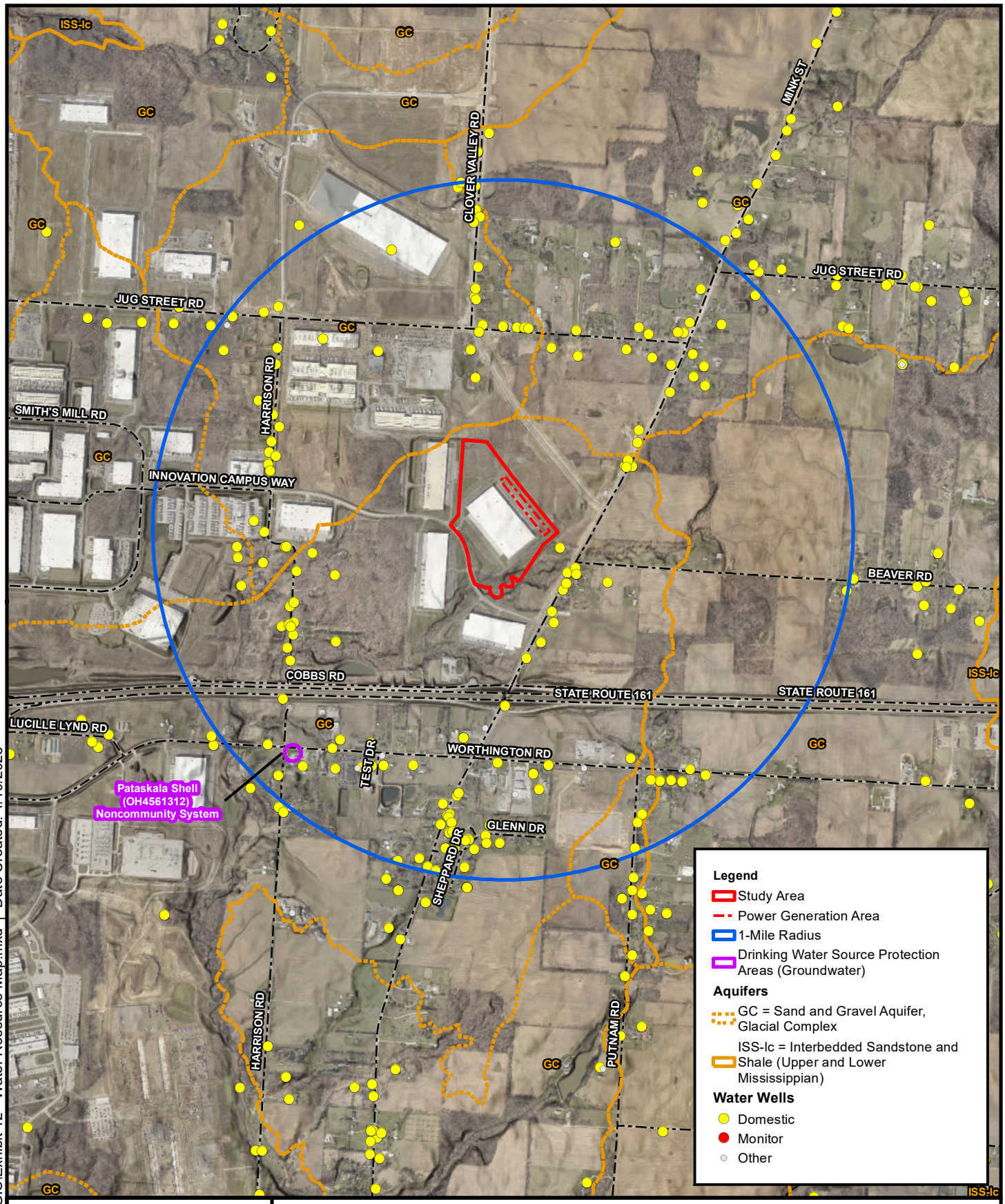


Figure 8
Water Resources Map

EMHT

April 10, 2025

Also see Application Exhibit C, Water Quality Study Attachment



Path: J:\20250173\GIS\Exhibit 12 - Water Resource Map.mxd | Date Created: 4/10/2025

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emht.com

JERSEY TOWNSHIP, LICKING COUNTY, OHIO

525 Building Power Generation Project
Water Resource Map
Figure 8

SCALE: 1" = 2,000'

0 1,000 2,000 4,000 Feet

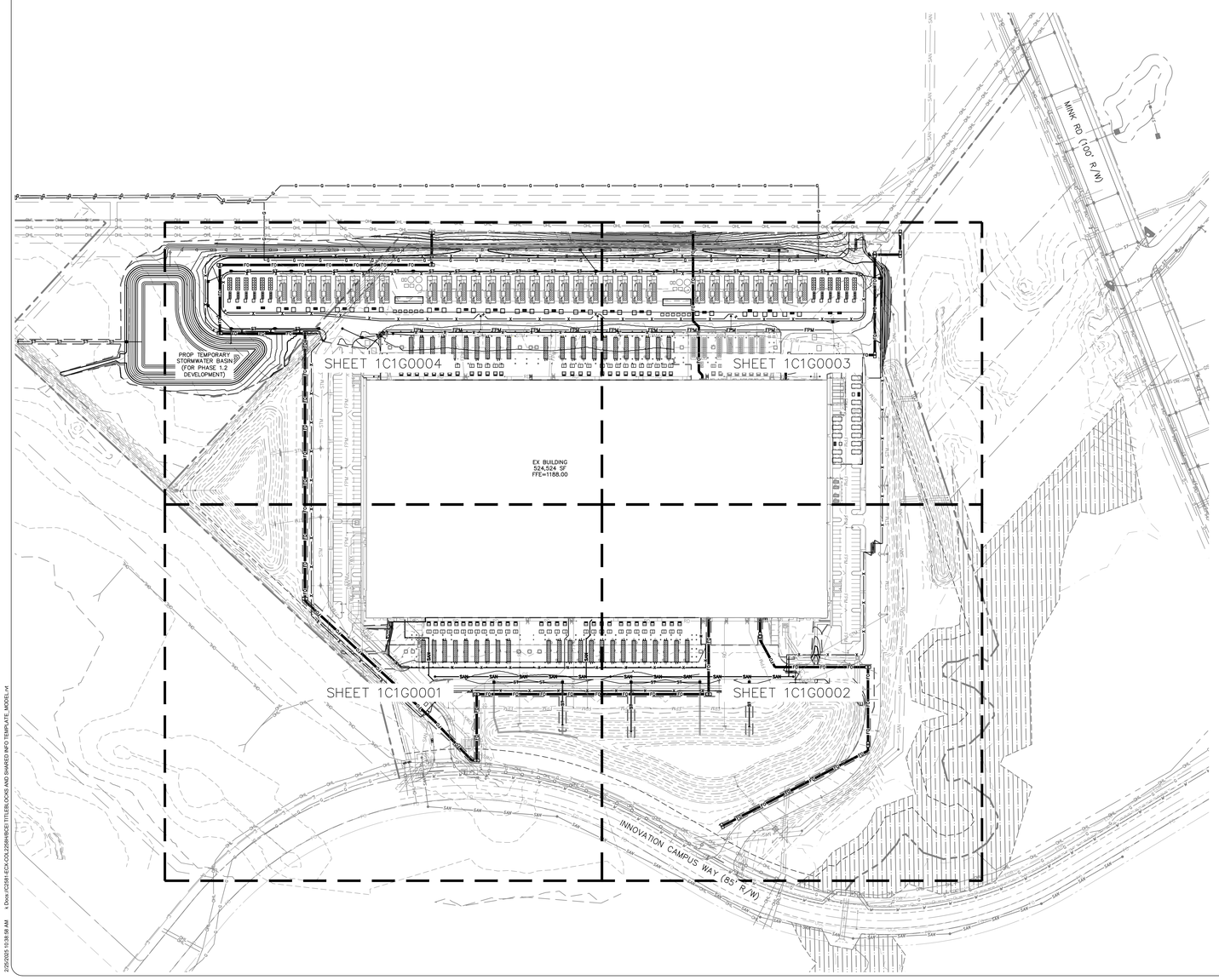
N

Source: Aerial - Licking County, 2024

Figure 9
Preliminary Grading Plan

Burr Computer Environments, Inc., Gensler, and Kimley Horn

February 25, 2025



NORTH

GRAPHIC SCALE IN FEET
0 50 100 200

GRADING LEGEND

TW = TOP OF WALL	ME = MATCH EXISTING
BW = BOTTOM OF WALL	HP = HIGH POINT
FC = FACE OF CURB	LP = LOW POINT
BC = BACK OF CURB	R = RIM ELEVATION
FFE = FINISHED FLOOR ELEVATION	

- XXX — PROPOSED CONTOUR
- XXX — EXISTING CONTOUR
- RIDGE LINE
- X.XX% — SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100- YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- LIMITS OF DISTURBANCE
- PROPOSED RIP RAP
- PROPOSED SWALE

GRADING NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING TOPOGRAPHY AND STRUCTURES ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
2. ALL PAVEMENT SPOT GRADE ELEVATIONS AND RIM ELEVATIONS WITHIN OR ALONG CURB AND GUTTER REFER TO FLOW LINE ELEVATIONS UNLESS OTHERWISE NOTED.
3. ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH EXCAVATION, LANDSCAPE, AND PAVING SUBCONTRACTORS REGARDING TOPSOIL THICKNESS FOR LANDSCAPE AREAS AND PAVEMENT SECTION THICKNESS FOR PAVED AREAS TO PROPERLY ENSURE ADEQUATE CUT TO ESTABLISH SUBGRADE ELEVATIONS.
4. NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
5. MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
6. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.
7. WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE GUTTER PITCH.
8. MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.

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NEW ALBANY, OH 43031, US

ISSUES & REVISIONS

NO	DATE	DESCRIPTION

SEAL

NOT FOR CONSTRUCTION

SHEET TITLE

OVERALL GRADING PLAN

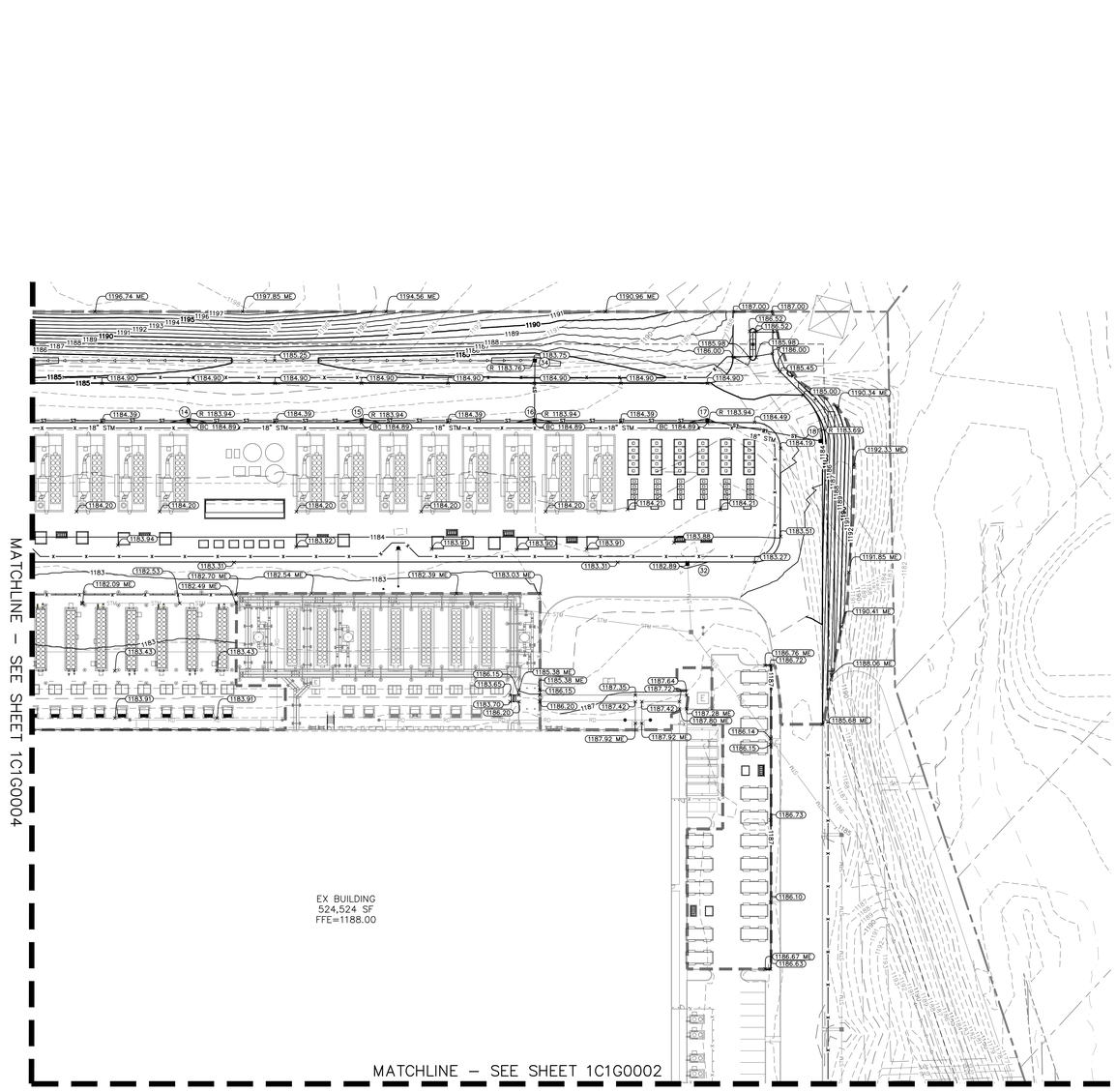
DRAWN: ACW
REVIEWED: AJS
PROJECT NO: C2581

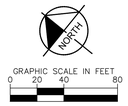
SHEET NO.

1C1G0000

2/25/2025 10:38:58 AM k:\Docs\C2581-ECX-COL2256HRSCS TITLEBLOCKS AND SHARED INFO TEMPLATE_MODEL.rvt

XXX © XXX GENSLER





GRADING LEGEND

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BW = BOTTOM OF WALL	HP = HIGH POINT
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6. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.
7. WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE GUTTER PITCH.
8. MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.
9. ALL EQUIPMENT PADS TO BE 6" ABOVE GRADE, SEE STRUCTURAL PLANS. ELEVATIONS PROVIDED ARE PAVEMENT GRADES.

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NEW ALBANY, OH 43031, US

ISSUES & REVISIONS

NO	DATE	DESCRIPTION

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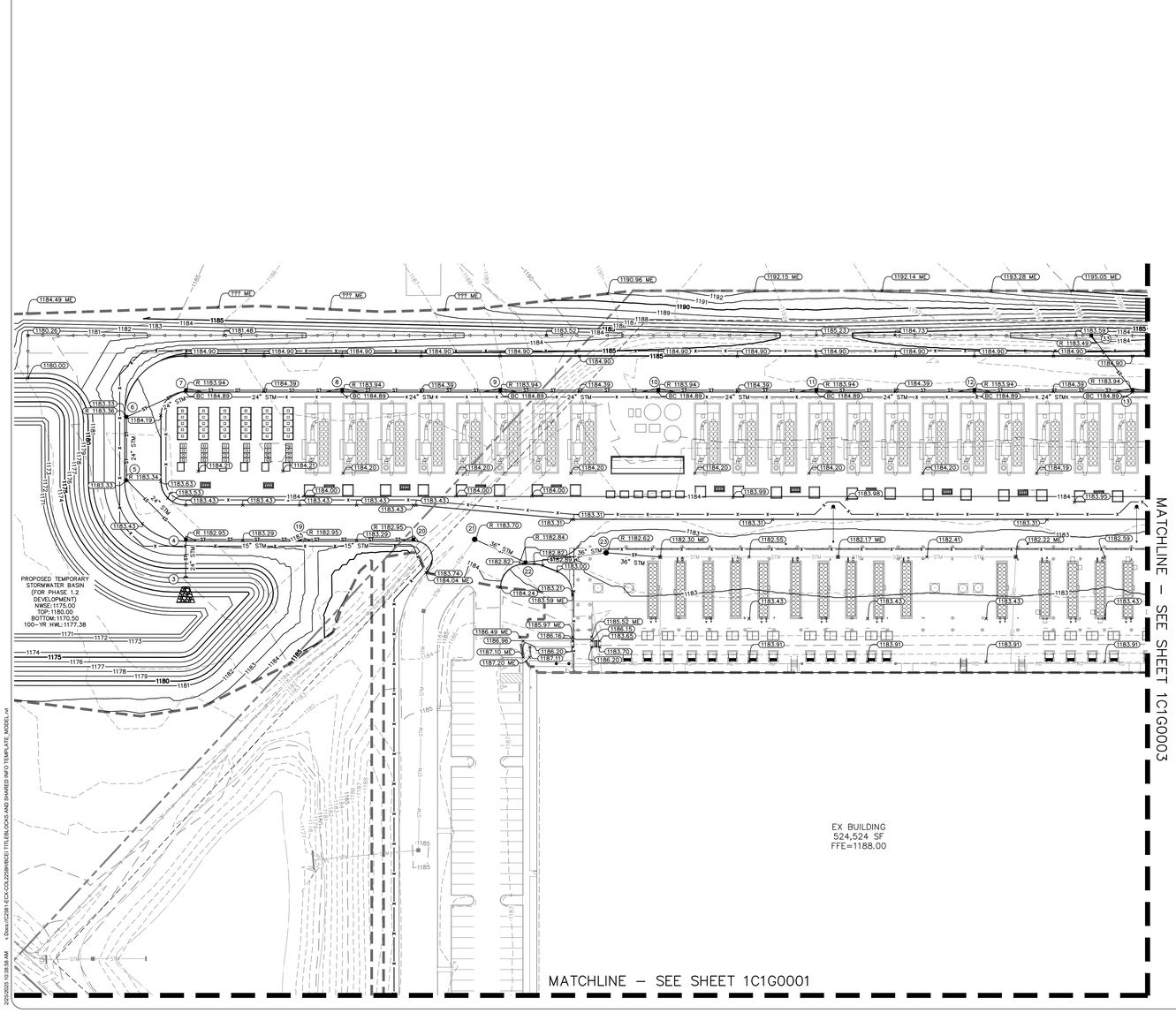
SHEET TITLE

GRADING PLAN

DRAWN: ACW
REVIEWED: AJS
PROJECT NO: C2581

SHEET NO.
1C1G0003



NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

GRADING LEGEND

TW = TOP OF WALL	ME = MATCH EXISTING
BW = BOTTOM OF WALL	HP = HIGH POINT
FC = FACE OF CURB	LP = LOW POINT
BC = BACK OF CURB	R = RIM ELEVATION
FFE = FINISHED FLOOR ELEVATION	

- XXX — PROPOSED CONTOUR
- XXX — EXISTING CONTOUR
- RIDGE LINE
- X.XX% — SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- LIMITS OF DISTURBANCE
- PROPOSED RIP RAP
- PROPOSED SWALE

GRADING NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING TOPOGRAPHY AND STRUCTURES ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
2. ALL PAVEMENT SPOT GRADE ELEVATIONS AND RIM ELEVATIONS WITHIN OR ALONG CURB AND GUTTER REFER TO FLOW LINE ELEVATIONS UNLESS OTHERWISE NOTED.
3. ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH EXCAVATION, LANDSCAPE, AND PAVING SUBCONTRACTORS REGARDING TOPSOIL THICKNESS FOR LANDSCAPE AREAS AND PAVEMENT SECTION THICKNESS FOR PAVED AREAS TO PROPERLY ENSURE ADEQUATE CUT TO ESTABLISH SUBGRADE ELEVATIONS.
4. NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
5. MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
6. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.
7. WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE GUTTER PITCH.
8. MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.
9. ALL EQUIPMENT PADS TO BE 6" ABOVE GRADE, SEE STRUCTURAL PLANS. ELEVATIONS PROVIDED ARE PAVEMENT GRADES.

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MEP ENGINEERS
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281.374.8644

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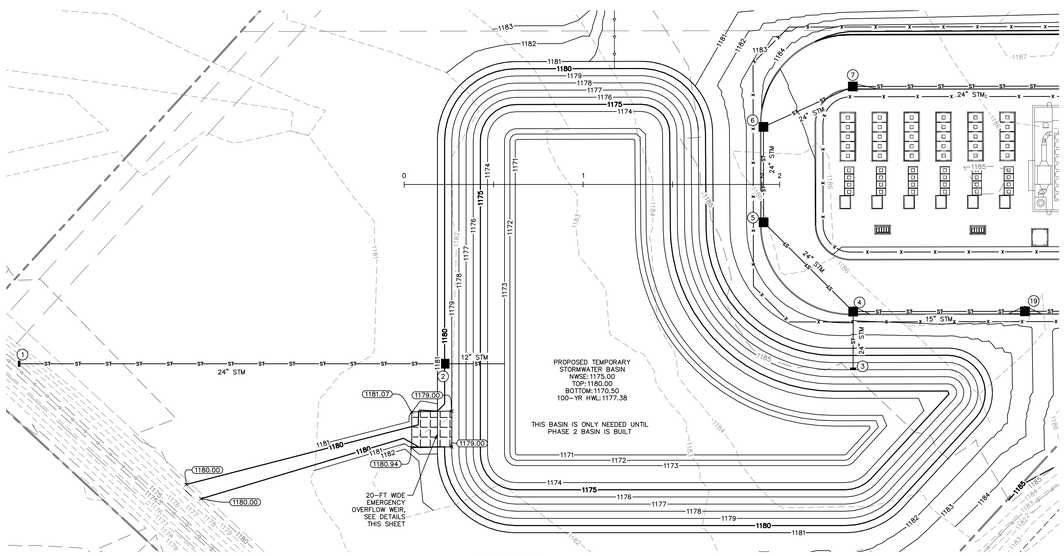
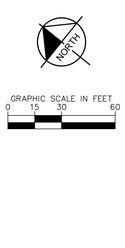


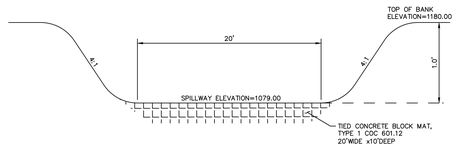
PLAN VIEW

1"=30'



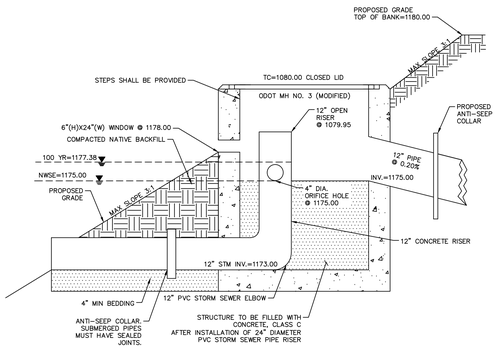
LEGEND

—— XXX ——	PROPOSED CONTOUR
- - - XXX - - -	EXISTING CONTOUR



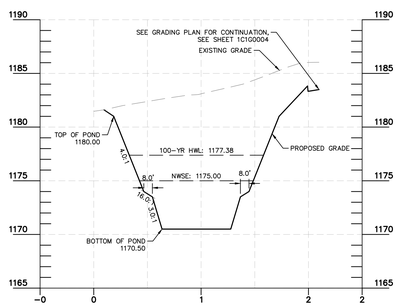
BASIN SPILLWAY SECTION

NOT TO SCALE



PROPOSED EXTENDED WET DETENTION BASIN OUTLET DETAIL FOR STRUCTURE 75

NOT TO SCALE



POND A SECTION

H: 1"=50', V: 1"=5'

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BASIN DETAILS

DRAWN: ACW
REVIEWED: AJS
PROJECT NO: C2561

SHEET NO.

1C5G0002

2022/03/23 10:59:59 AM E:\Revit\CDR\1-ECX-COL2256\PROJ\BCEI TITLEBLOCKS AND SHARED INFO TEMPLATE_MODEL.rvt

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