

MICRON NEW YORK SEMICONDUCTOR
MANUFACTURING FACILITY PLANNING
BOARD PRESENTATION
OCTOBER 08, 2025



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Micron New York Project Introduction

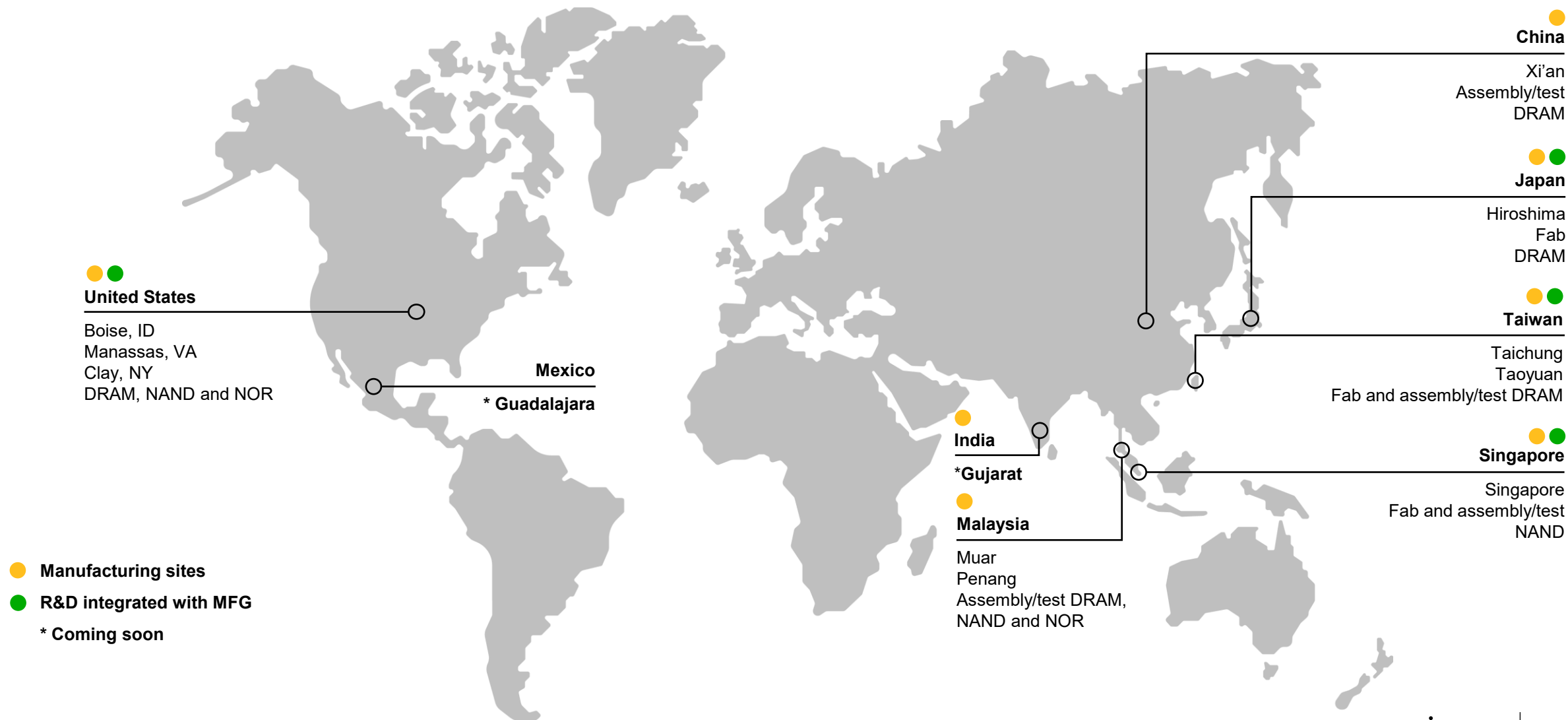
Katie Birchenough



Founded on
October 5, 1978

Headquartered in
Boise, Idaho, USA

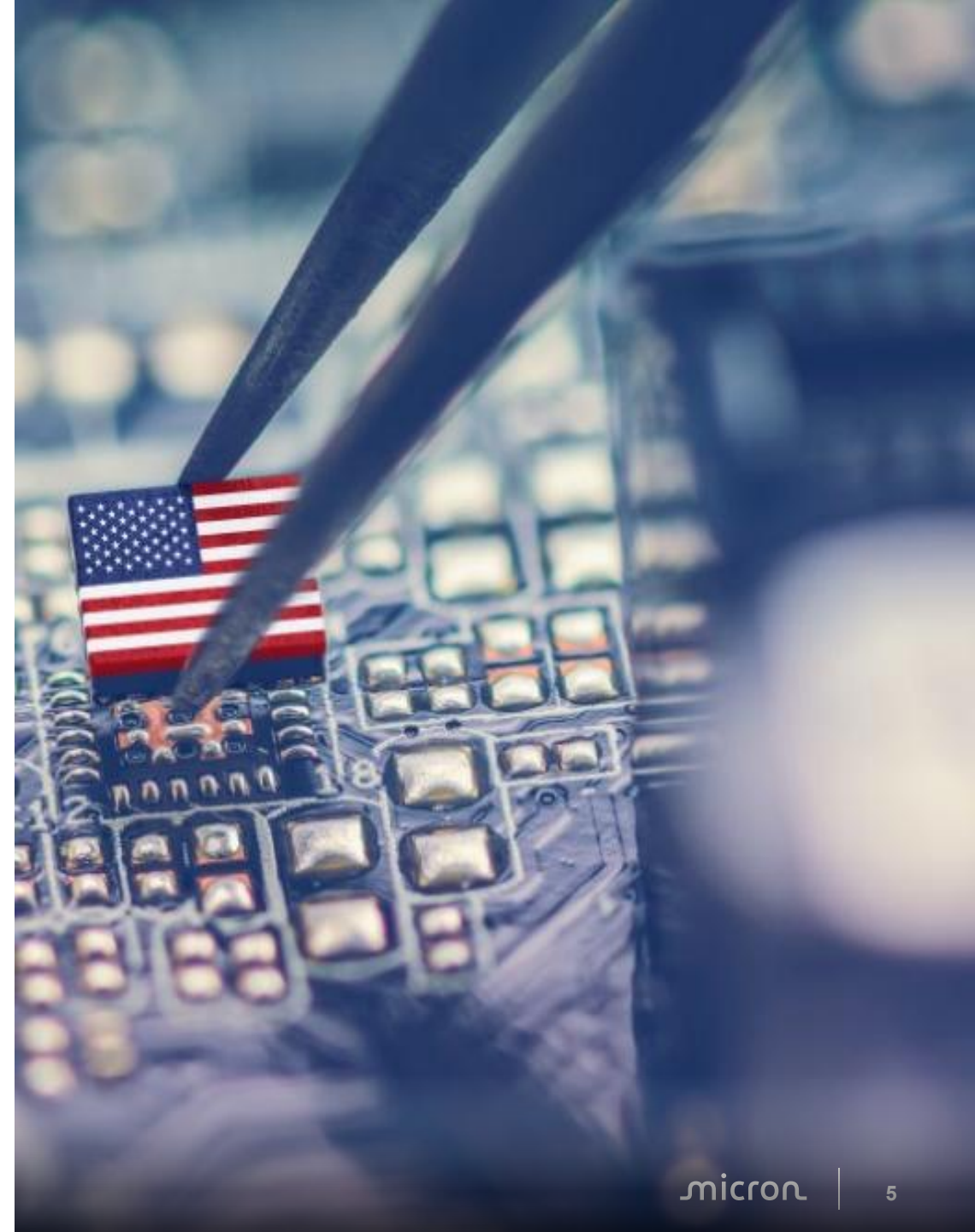
~ 52,000
team members worldwide



The CHIPS Act

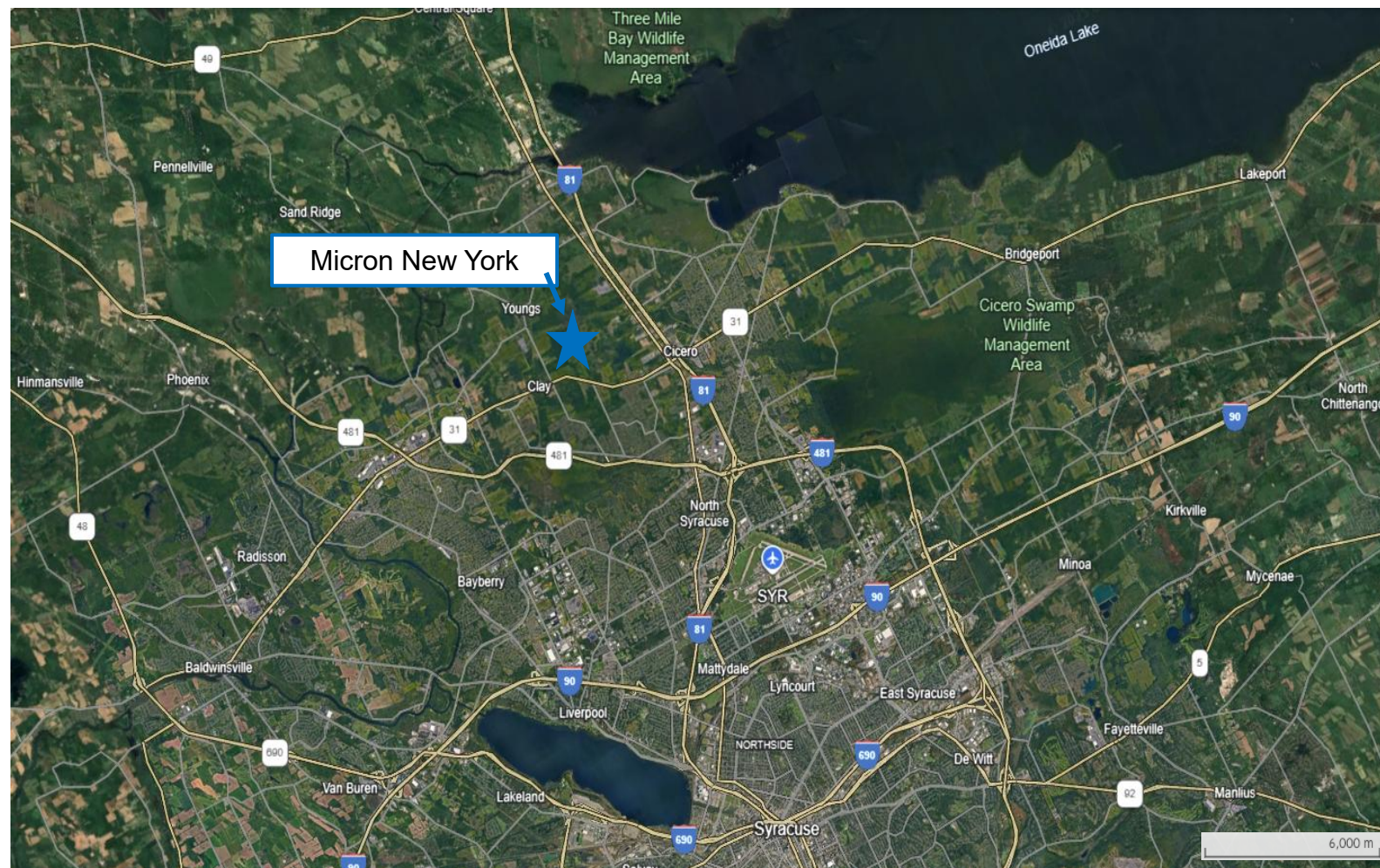
Reshoring Semiconductor Manufacturing

- The CHIPS Act prioritizes leading edge technology, including Dynamic Random-Access Memory (DRAM), often used in computer coding.
- The US currently produces only 1% of global DRAM all of which is produced by Micron.
- In contrast, South Korea has a 44% global market share in memory.
- Micron's US-based investments will increase US DRAM production by 12 % over the next two decades.
- Micron has received CHIPS funding and is therefore deemed a critical project for economic and national security in the US.
- Micron must meet certain construction and operation milestones to receive the CHIPS funding.



Micron's Site Selection of Clay, NY

- Minimum of 1,000 acres of contiguous land and shaped to accommodate the required layout.
- Relatively flat topography and geotechnical makeup required to support Fab buildings.
- Zoned or able to be zoned for industrial use.
- Within 20 miles of a highway and other transportation avenues for people and materials.
- Adequate natural gas and electricity supply including high reliability and carbon-free electricity.
- Adequate water supply and access to wastewater treatment.
- Availability of a specialized workforce.

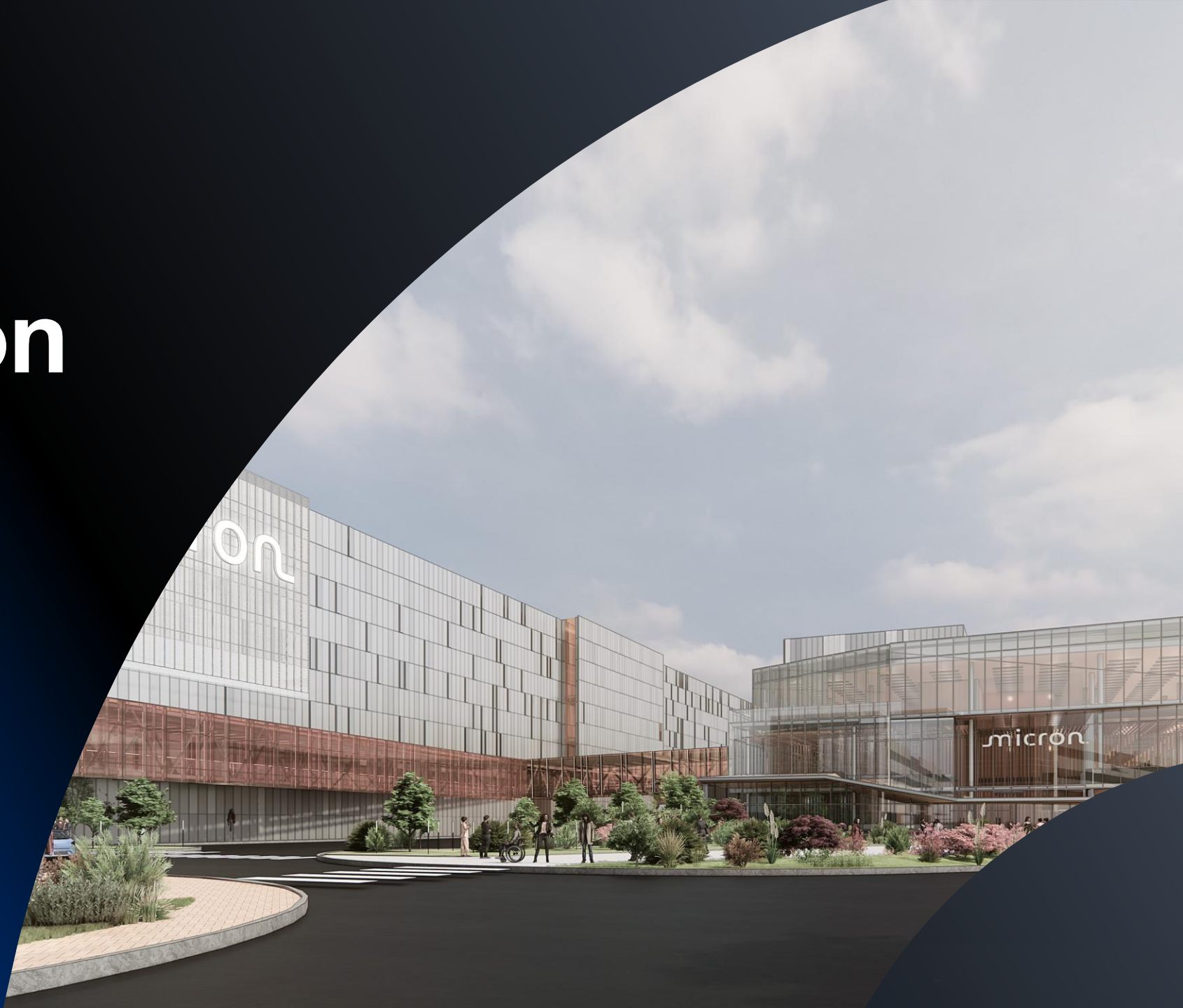


Status of Environmental Review and Permitting

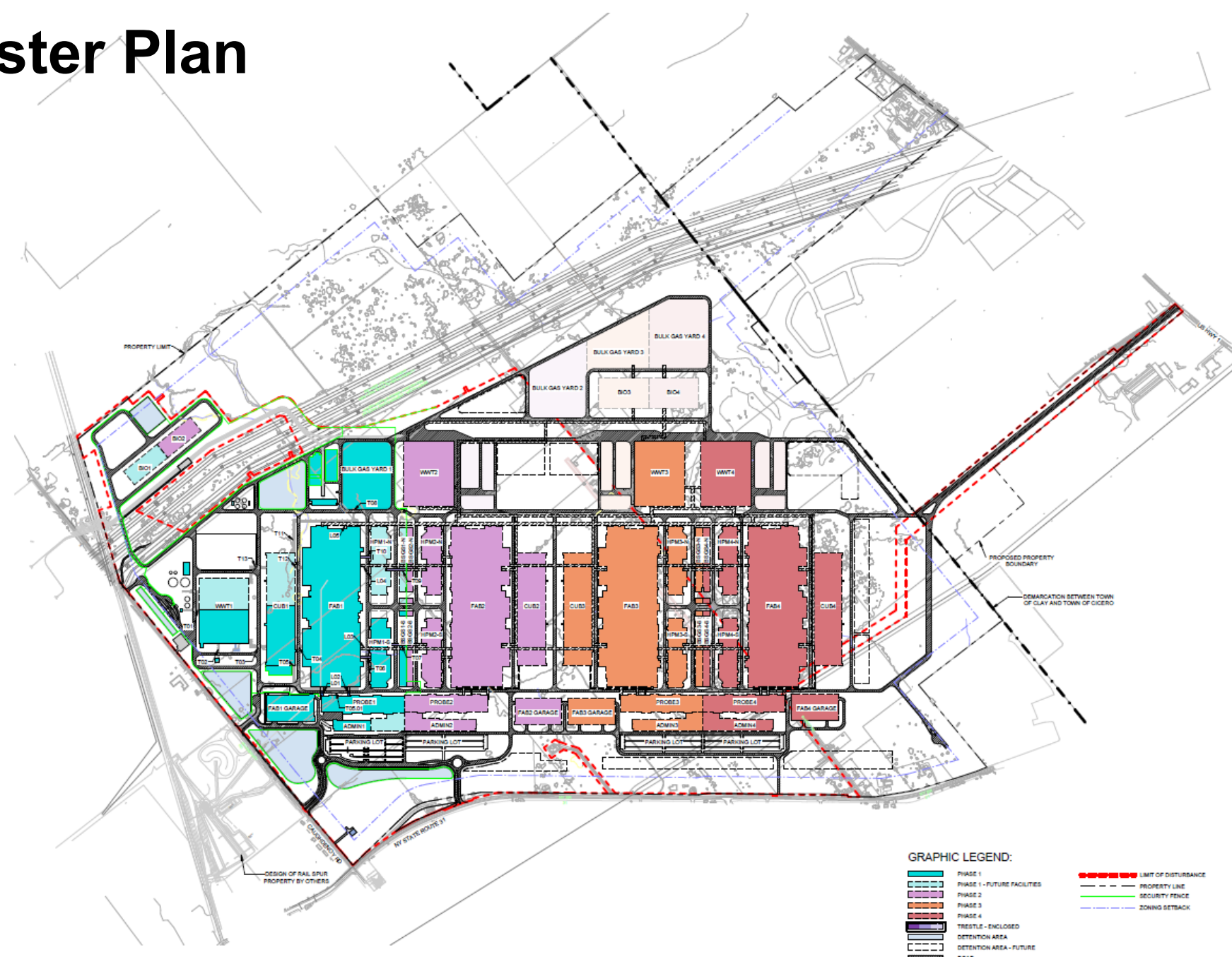
- Micron's project is currently undergoing a joint federal and state environmental review.
- Micron and the lead agencies (CPO and OCIDA) are working to finalize the EIS.
- Once the EIS is finalized and OCIDA has issued its Findings and Determination (CPO has issued its Record of Decision), Micron will need to receive permits and approvals necessary to begin tree clearing:
 - NYS Wetland Permit (DEC)
 - NYS Incidental Take Permit (DEC)
 - Clean Water Act 401 Certification (DEC)
 - MS4/ SWPPP (Town of Clay/ DEC)
 - Federal Incidental Take Statement (USFWS)
 - Federal Wetland Permit (USACE)
 - Site Plan Approval, Zoning Variances

Construction Planning

Jeffrey Maidment



Site Master Plan

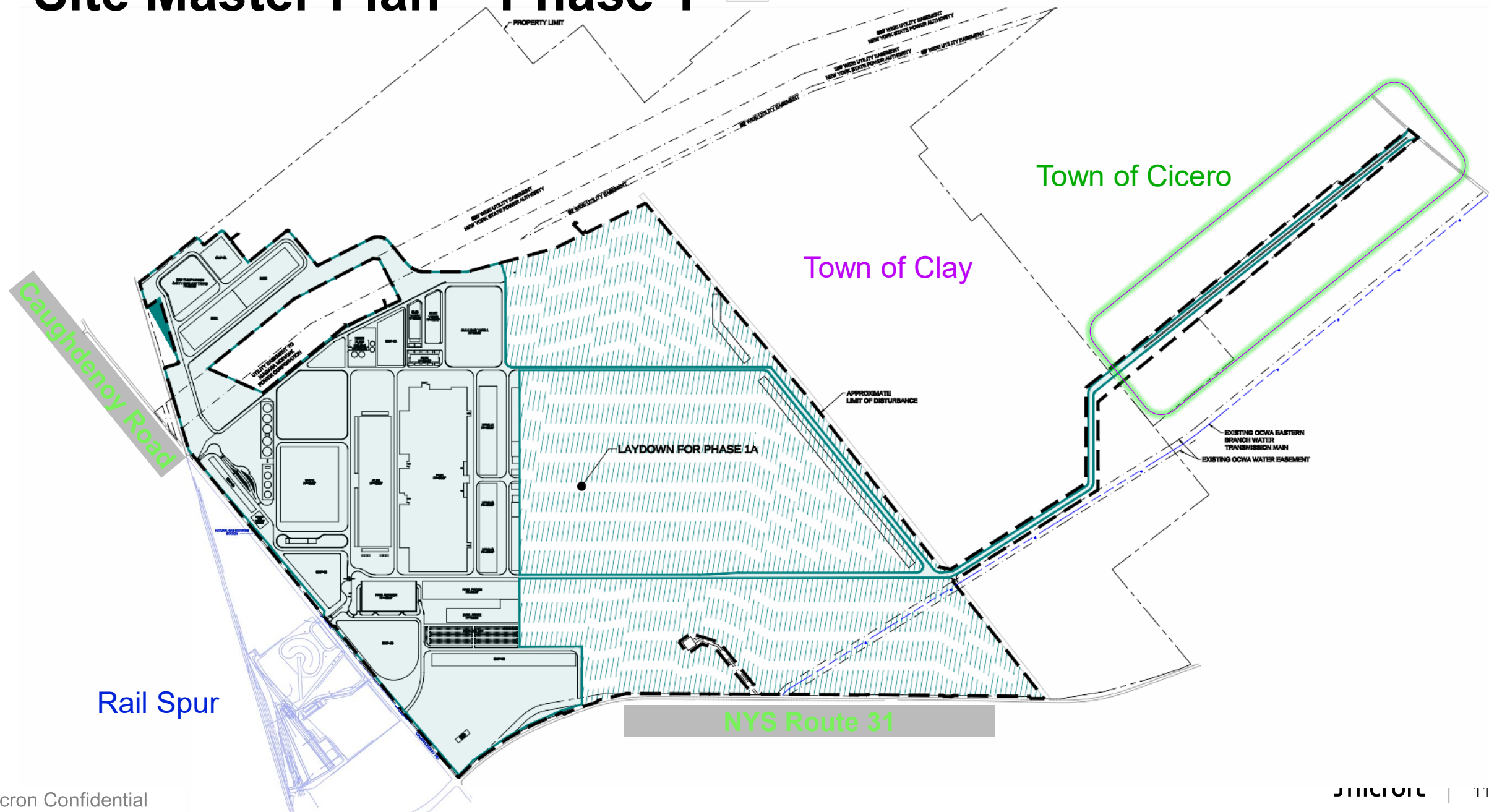


Caughdeny Road

NYS Route 31



Site Master Plan – Phase 1





Caughdenoy Road



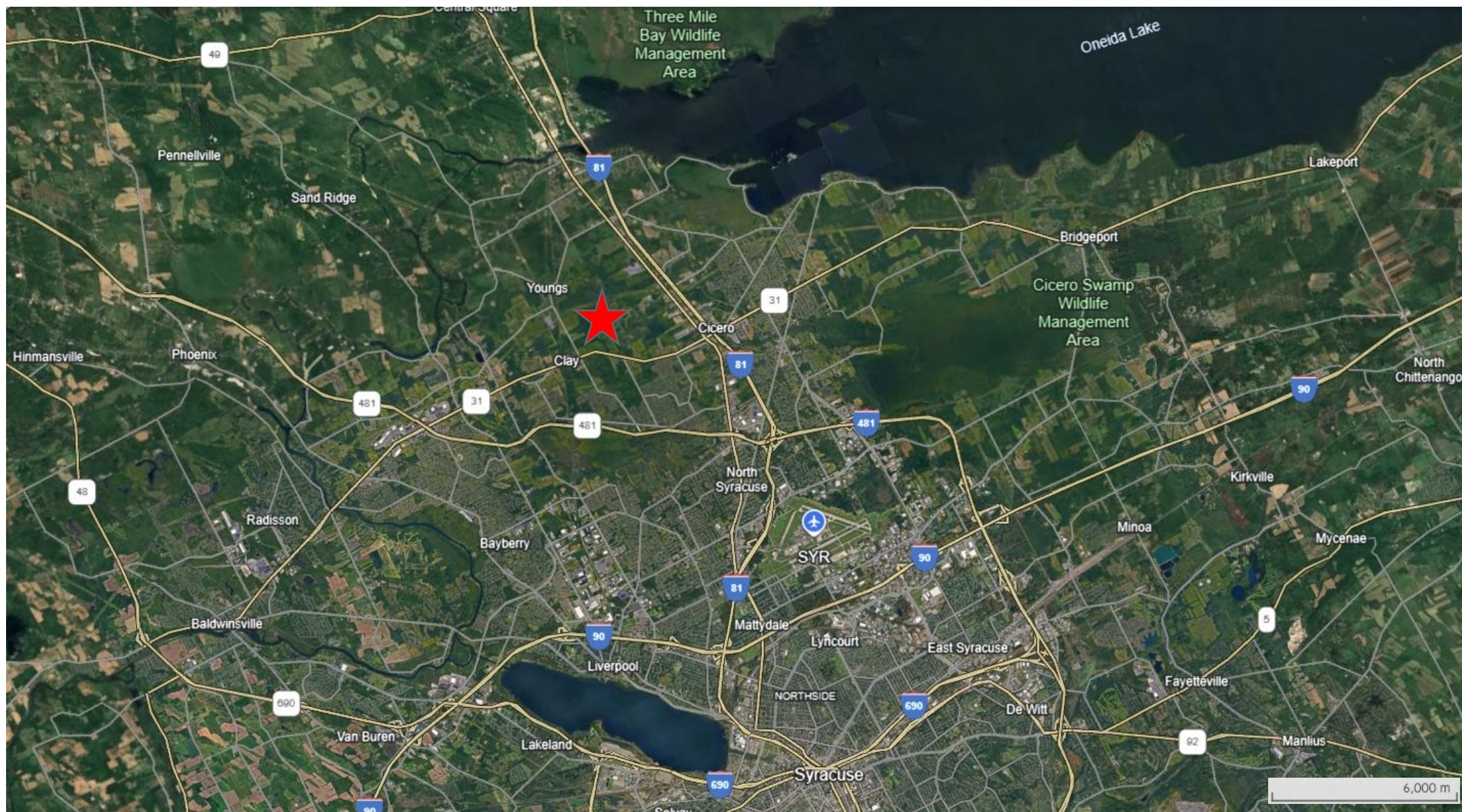
Micron Fab Construction Video in Idaho

Memory made in America: Micron's Idaho fab takes shape | Micron Technology



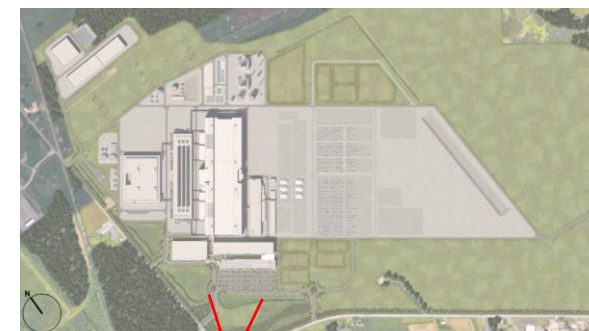
PROJECT SITE LOCATION

MICRON NEW YORK SEMICONDUCTOR MANUFACTURING SITE - CLAY, NEW YORK



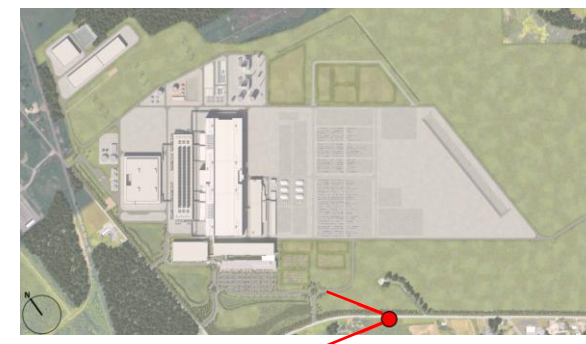
ROADSIDE VIEW RENDERINGS

CAUGHDENROY RD AND HIGHWAY 31



KEY PLAN WITH VIEW
LOCATION

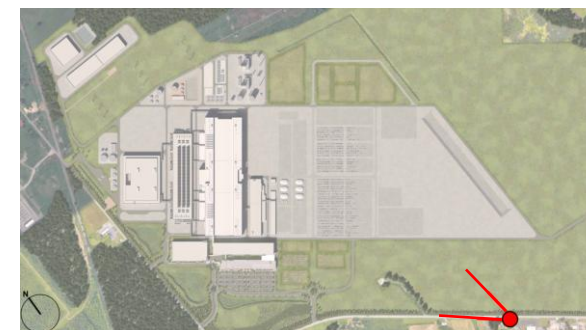
Viewpoint of campus shows new landscaping with 15-year projected growth. Image represents full site build out of all phases.



KEY PLAN WITH VIEW
LOCATION

Viewpoint of campus shows new landscaping with 15-year projected growth. Image represents full site build out of all phases.

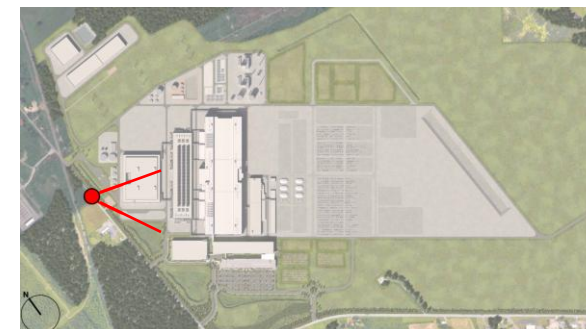
STEARNS RD AND HIGHWAY 31



KEY PLAN WITH VIEW
LOCATION

Viewpoint of campus shows new landscaping with 15-year projected growth. Image represents full site build out of all phases.

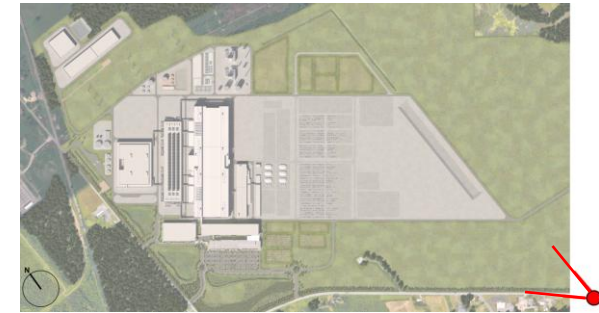
CAUGHDENNOY RD



KEY PLAN WITH VIEW
LOCATION

Viewpoint of campus shows new landscaping with 15-year projected growth. Image represents full site build out of all phases. Fence line shown in foreground with WWT and CUB building beyond.

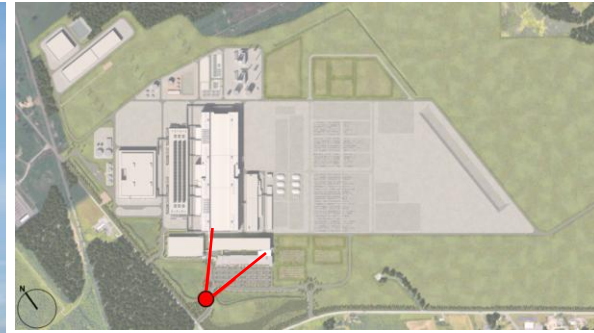
BARCALTINE DR AND HIGHWAY 31



KEY PLAN WITH VIEW
LOCATION

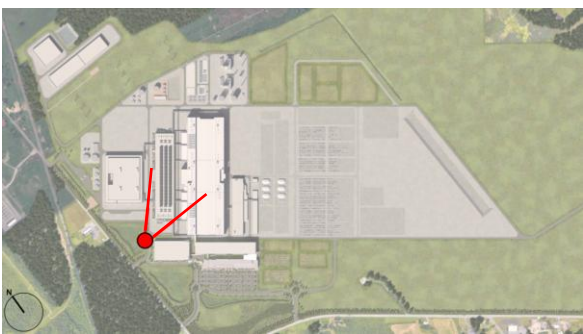
EXTERIOR POINT OF VIEW RENDERINGS

SOUTH FAÇADE OF PROBE AND ADMIN BUILDINGS



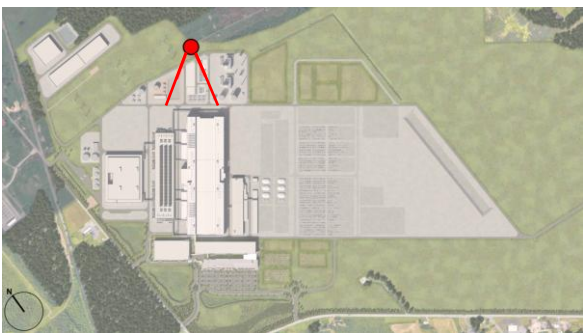
KEY PLAN WITH VIEW
LOCATION

SOUTH APPROACH TO CUB BUILDING AND CONNECTING TRESTLES



KEY PLAN WITH VIEW
LOCATION

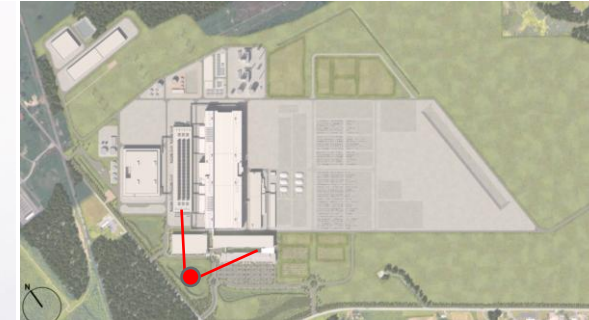
SMS YARD, FAB, CUB, AND WWT BUILDINGS FROM NORTHEAST END OF CAMPUS



KEY PLAN WITH VIEW
LOCATION

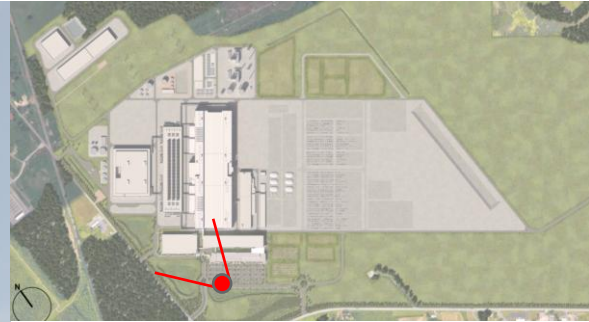
HIGH QUALITY EXTERIOR VIZUALIZATIONS

VIEW OF SOUTHWEST END OF CAMPUS



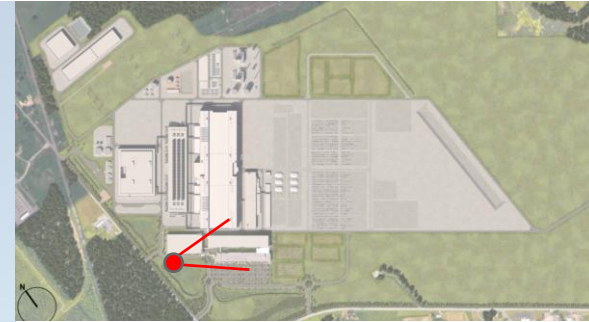
KEY PLAN WITH VIEW
LOCATION

VIEW FROM PARKING LOT APPROACH TO CAMPUS



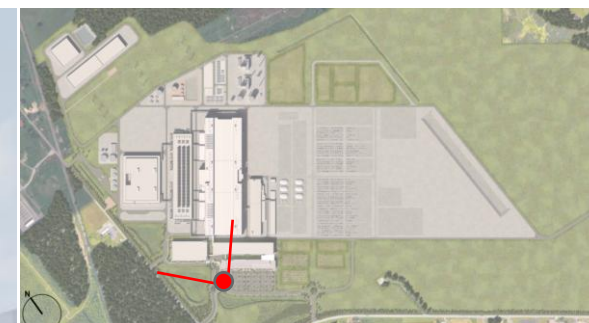
KEY PLAN WITH VIEW
LOCATION

VIEW FROM WEST APPROACH TO PROBE AND ADMIN BUILDING



KEY PLAN WITH VIEW
LOCATION

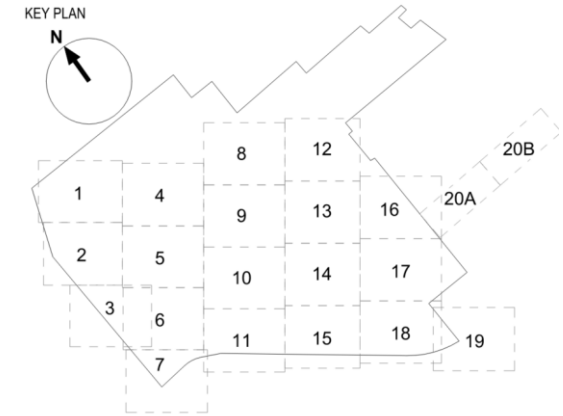
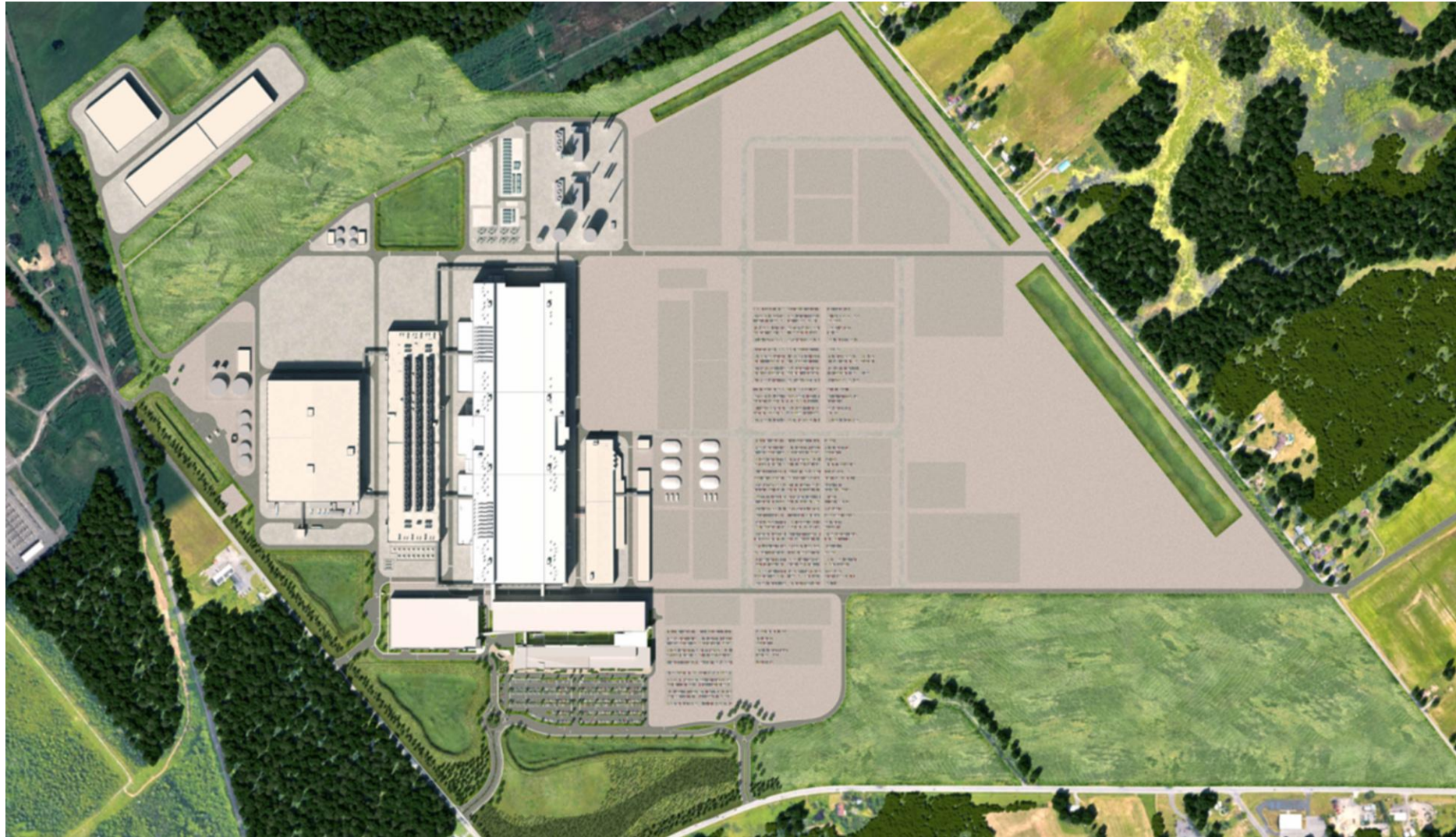
VIEW FROM SOUTH APPROACH TO GARAGE



KEY PLAN WITH VIEW
LOCATION

PROJECT SITE EXTERIOR RENDERINGS

PHASE 1 SITE PLAN

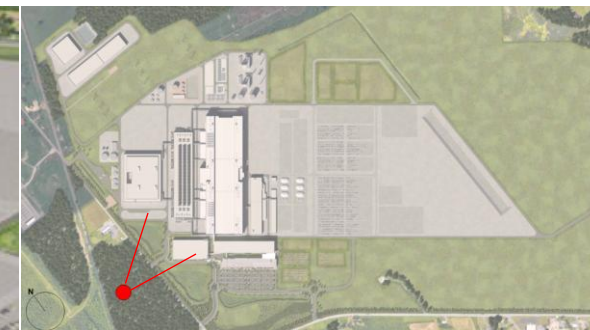


KEY PLAN WITH SITE SECTORS

NORTH SITE VIEW

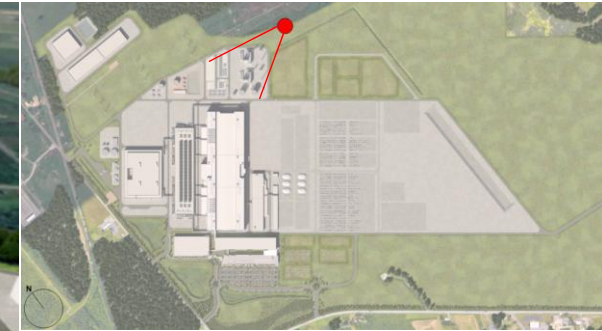


KEY PLAN WITH VIEW
LOCATION



KEY PLAN WITH VIEW
LOCATION

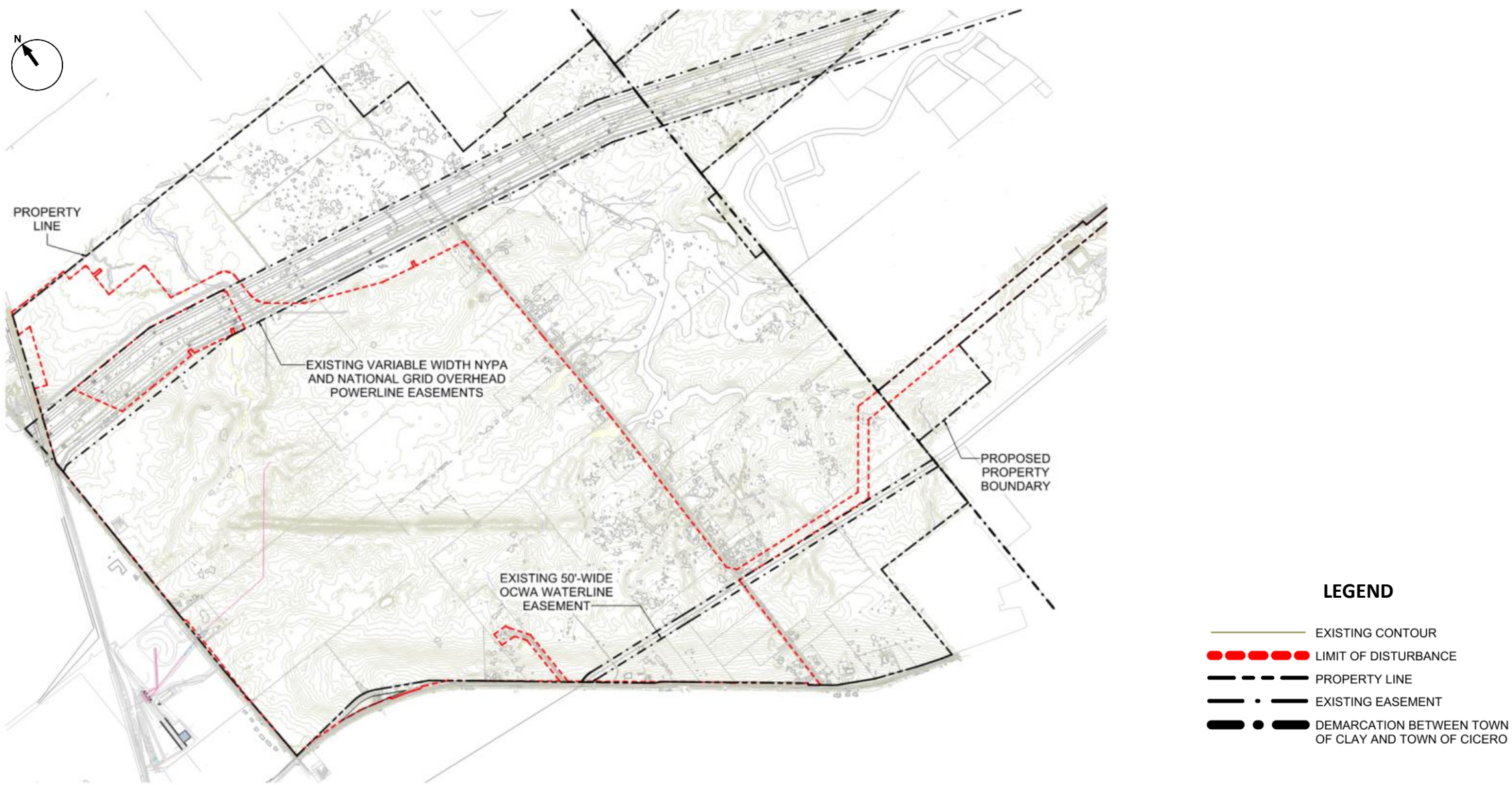
WEST SITE VIEW



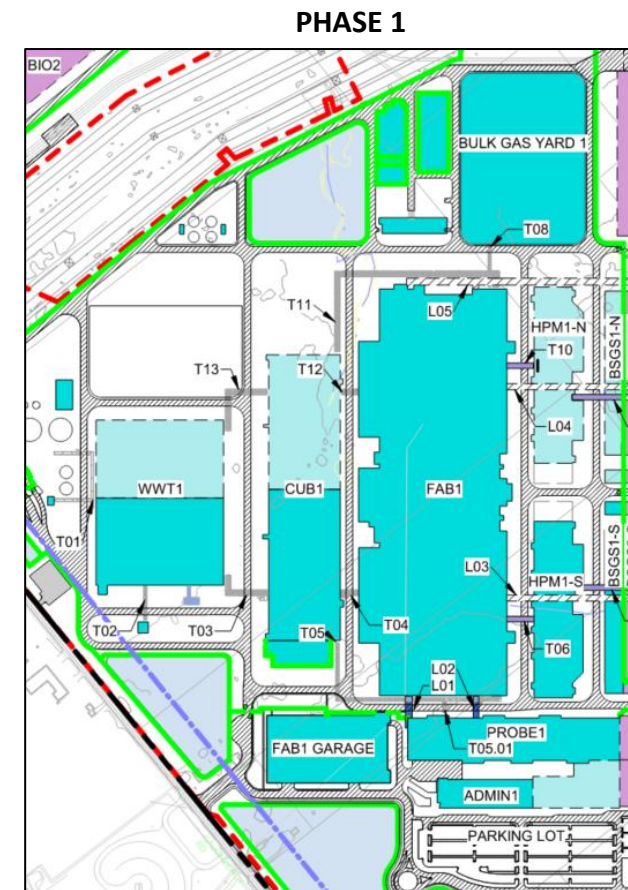
KEY PLAN WITH VIEW
LOCATION

SITE PHASING AND SCOPE OF WORK

EXISTING SITE AND SCOPE OF WORK



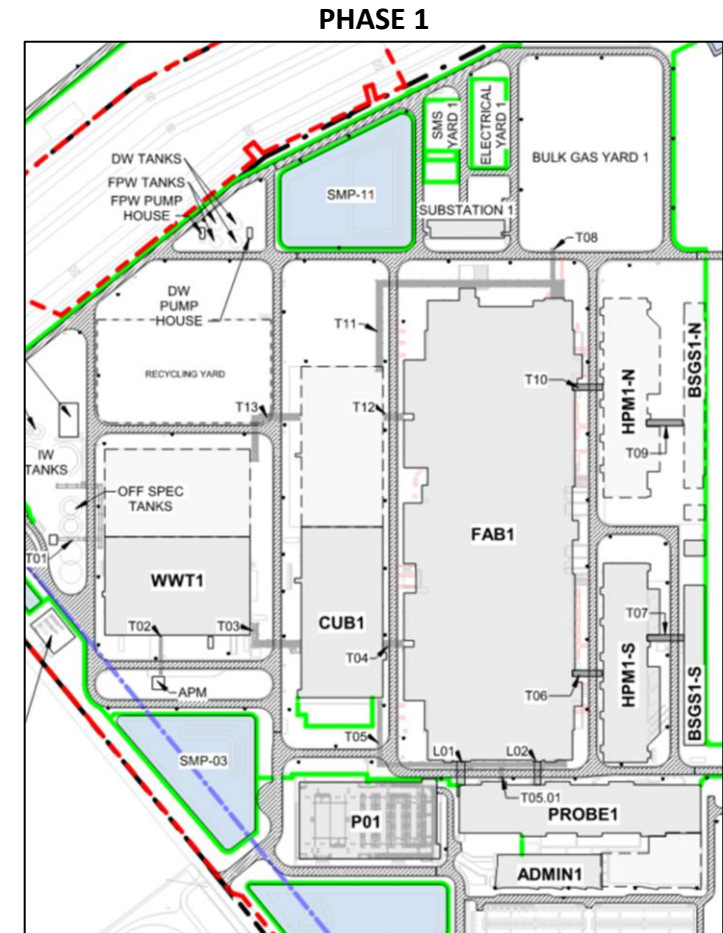
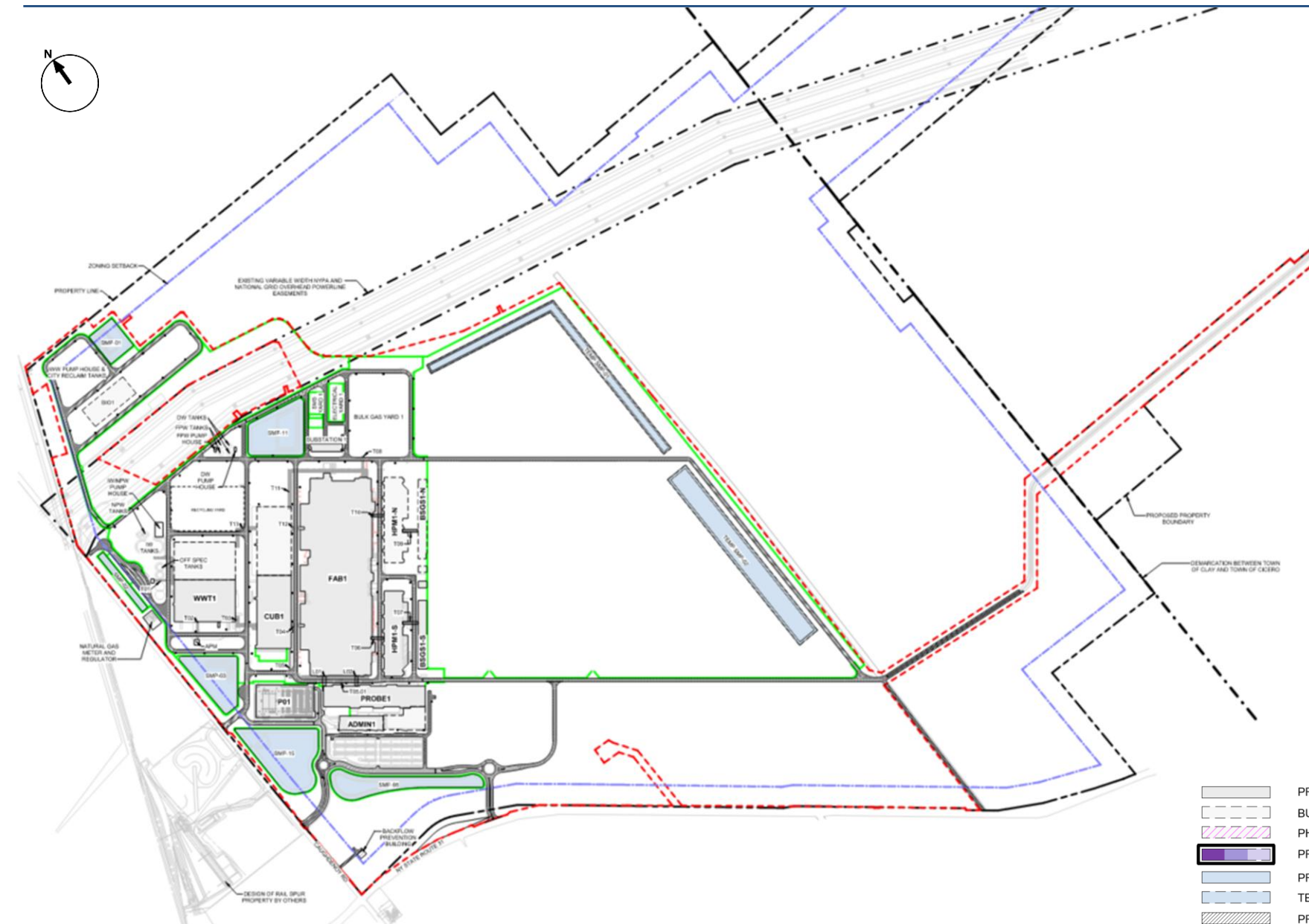
CAMPUS – ALL PHASES



LEGEND

	PHASE 1		LIMIT OF DISTURBANCE
	PHASE 1 - FUTURE FACILITIES		PROPERTY LINE
	PHASE 2		SECURITY FENCE
	PHASE 3		ZONING SETBACK
	PHASE 4		
	TRESTLE - ENCLOSED		
	DETENTION AREA		
	DETENTION AREA - FUTURE		
	ROAD		

CAMPUS – PHASE 1



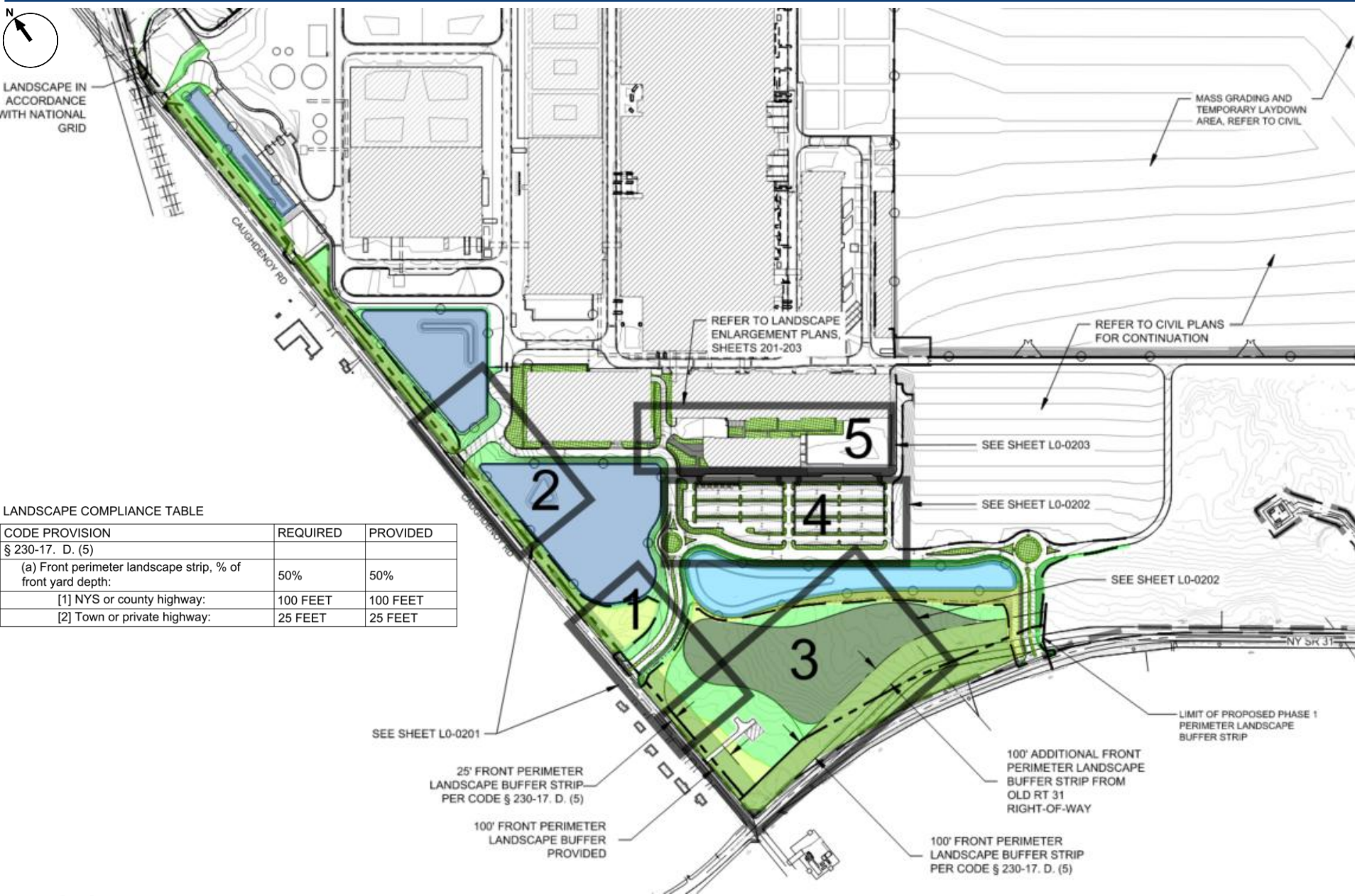
LEGEND

- PROPOSED BUILDING FOOTPRINT
- BUILDING FOOTPRINT - DEFERRED
- PHASE 1 - WARM SHELL SCOPE
- PROPOSED ENCLOSED TRESTLE
- PROPOSED DETENTION AREA
- TEMPORARY DETENTION AREA
- PROPOSED ROAD
- LIMIT OF DISTURBANCE
- PROPERTY LINE
- SECURITY FENCE
- ZONING SETBACK

LANDSCAPING APPROACH

- OVERALL LANDSCAPING APPROACH
- 1 – MAIN ENTRANCE
- 2 – SECONDARY ENTRANCE
- 3 – FRONT YARD
- 4 – PARKING LOT
- 5 – ADMIN BUILDING DROP-OFF AND ENTRY PLAZA
- PLANTING DETAILS
- PLANTING SCHEDULE

LANDSCAPING APPROACH



LANDSCAPE COMPLIANCE TABLE

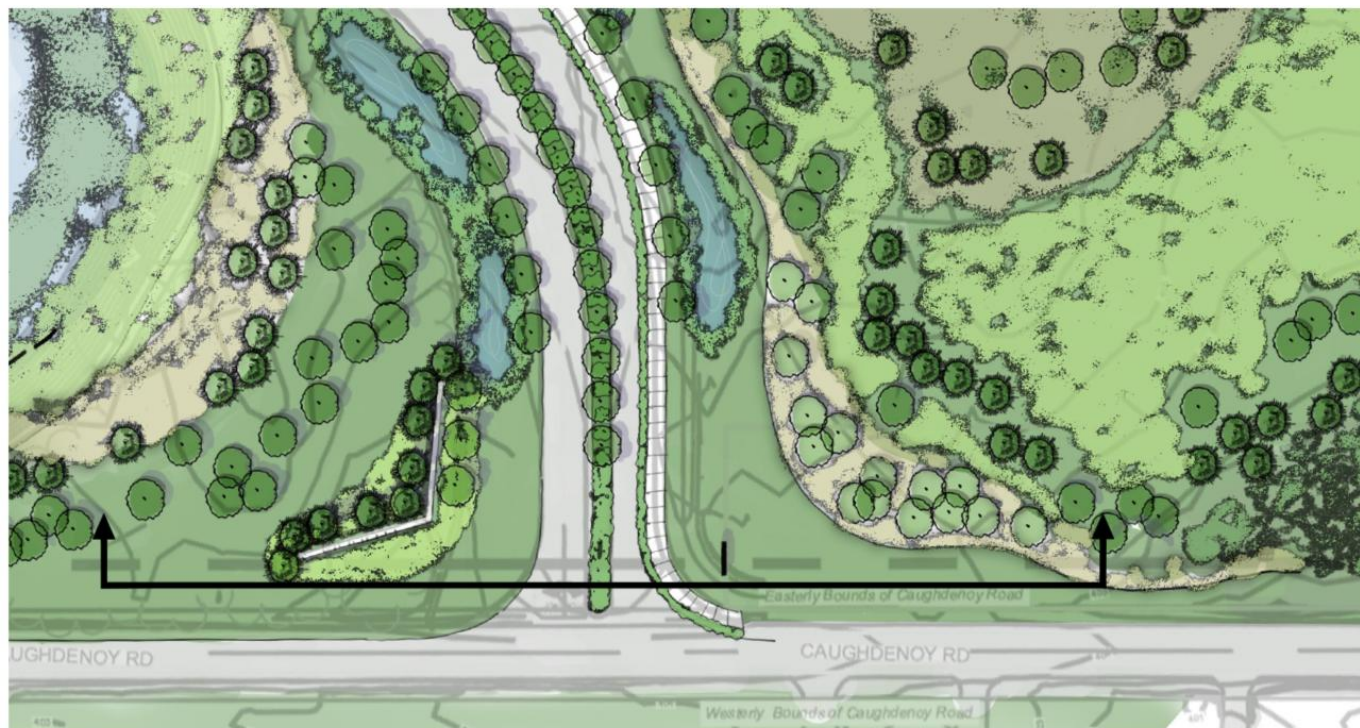
CODE PROVISION	REQUIRED	PROVIDED
§ 230-17. D. (5)		
(a) Front perimeter landscape strip, % of front yard depth:	50%	50%
[1] NYS or county highway:	100 FEET	100 FEET
[2] Town or private highway:	25 FEET	25 FEET

Note: Plan renderings, details and plant schedules are for conceptual representation and site plan approval only. Final landscape architecture design and details will be provided with engineering permit drawings and issued for construction plans, in accordance with Town of Clay, Town of Cicero, Onondaga County and State of New York.

LEGEND

- FRONT PERIMETER LANDSCAPE STRIP
- STORMWATER PLANTING 1
- STORMWATER PLANTING 2
- WET MEADOW MIX
- UPLAND MEADOW MIX
- SITE INTERIOR LANDSCAPE
- FLOODPLAIN FOREST TYPICAL PLANTING
- DENSE SCREENING TYPICAL PLANTING
- BIORETENTION TYPICAL PLANTING

1 - MAIN ENTRANCE

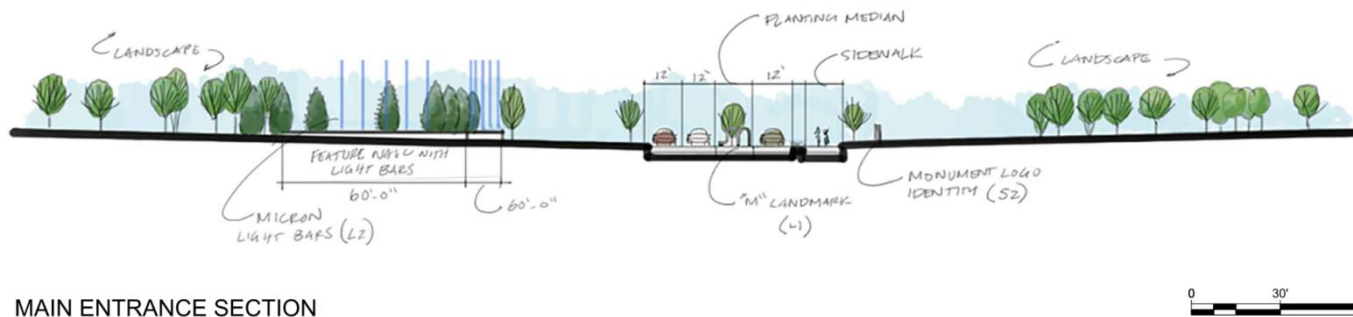


MAIN ENTRANCE DESIGN CRITERIA

- Entry design will incorporate a large concrete retaining wall on left side of main entrance to make a statement. The wall will be nestled into grade/berms. This will echo the walls at the drop-off.
- A cohesive signage strategy based on Micron's signage standards will be seamlessly incorporated into the landscape design.
- Micron light bars (L2) will be installed on the backside of each wall. The "M" landmark will be installed in the middle of the entry median, and the monument logo identity (S2) will be in the open lawn to the right of the entrance.
- Provide a sequential arrival experience with native plantings that open to views of the FOH buildings, and clear sight lines for vehicles.
- Native grasses and perennial focused landscapes will dominate edges with a manicured lawn in the foreground.
- Bioswales/dry swales will be located along the entry drive to act as snow collection and stormwater collection areas. The edges will be planted with pollinator plants.
- Incorporate multi-model entrance with mixed-use trail (walkers, bikers).

1 MAIN ENTRANCE ENLARGEMENT PLAN

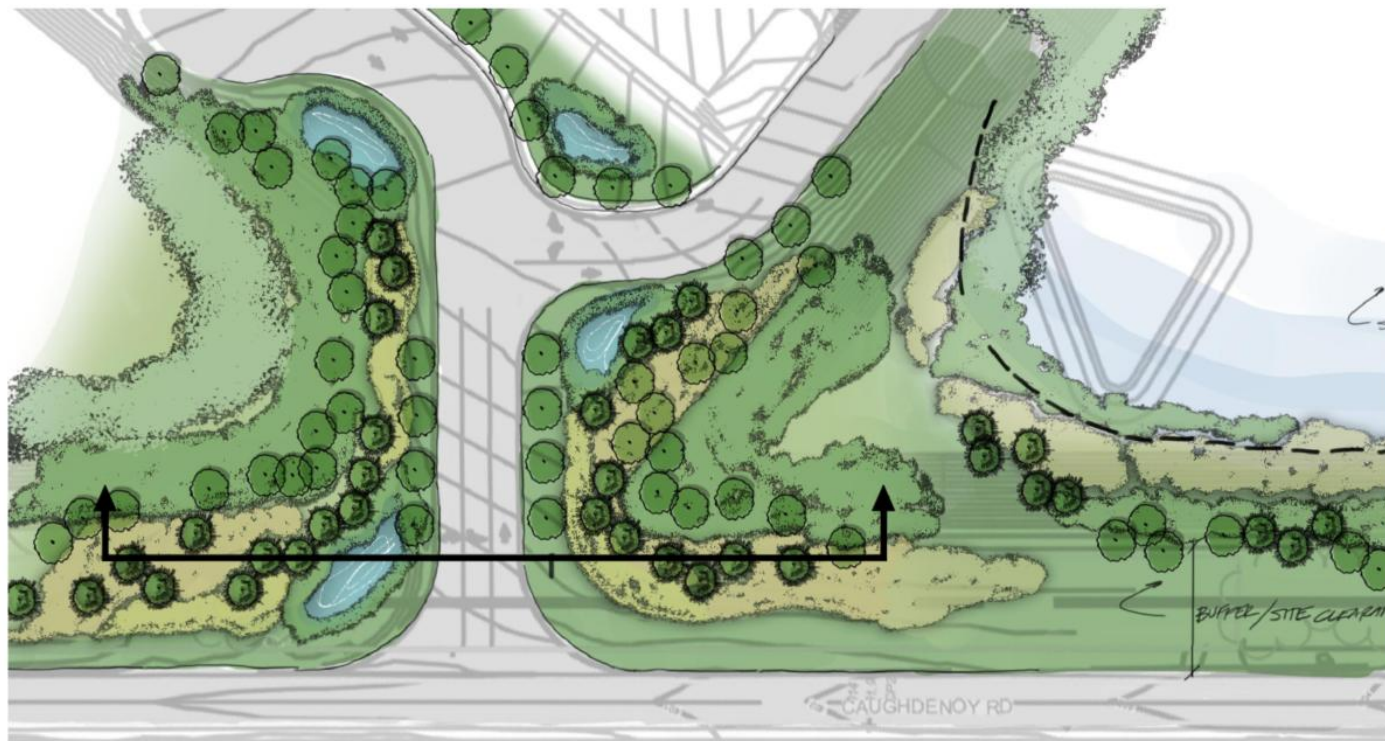
SCALE: 1" = 60'



MAIN ENTRANCE SECTION

SCALE: 1" = 10'

2 - SECONDARY ENTRANCE

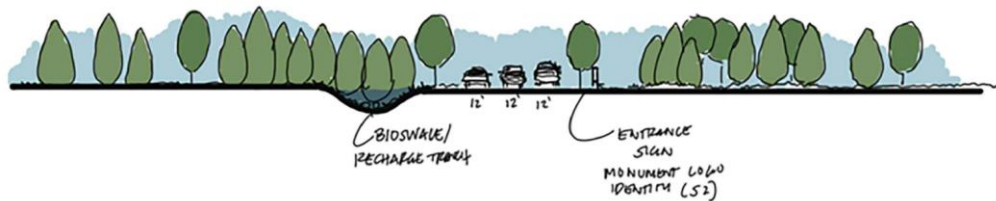


SECONDARY ENTRANCE DESIGN CRITERIA

- Secondary entry will be a scaled down version of main entry. Landscape will have identical approach with the exception of no hardscape. A cohesive signage strategy based on Micron's signage standards will be seamlessly incorporated into the landscape design.
- Micron light bars (L2) will be installed on the backside of each wall. The "M" landmark will be installed in the middle of the entry median, and the monument logo identity (S2) will be in the open lawn to the right of the entrance.
- Provide a sequential arrival experience with native plantings that open to views of the FOH buildings, and clear sight lines for vehicles.
- Bioswales/dry swales will be located along the entry drive to act as snow collection and stormwater collection areas. The edges will be planted with pollinator plants.

2 SECONDARY ENTRANCE ENLARGEMENT PLAN

SCALE: 1" = 60'



SECONDARY ENTRANCE SECTION

SCALE: 1" = 10'



3 – FRONT YARD

FRONT YARD PLANTING DESIGN CRITERIA

- Conserve existing trees where feasible.
- Provide native plantings consistent to local recommendations and availability.
- Consider conserving existing landscapes and providing enhancements such as revegetation or reforestation.
- Select species for wet/dry site tolerance, salt tolerance, etc., drought tolerance.
- Screen and beautify views from the Admin building.

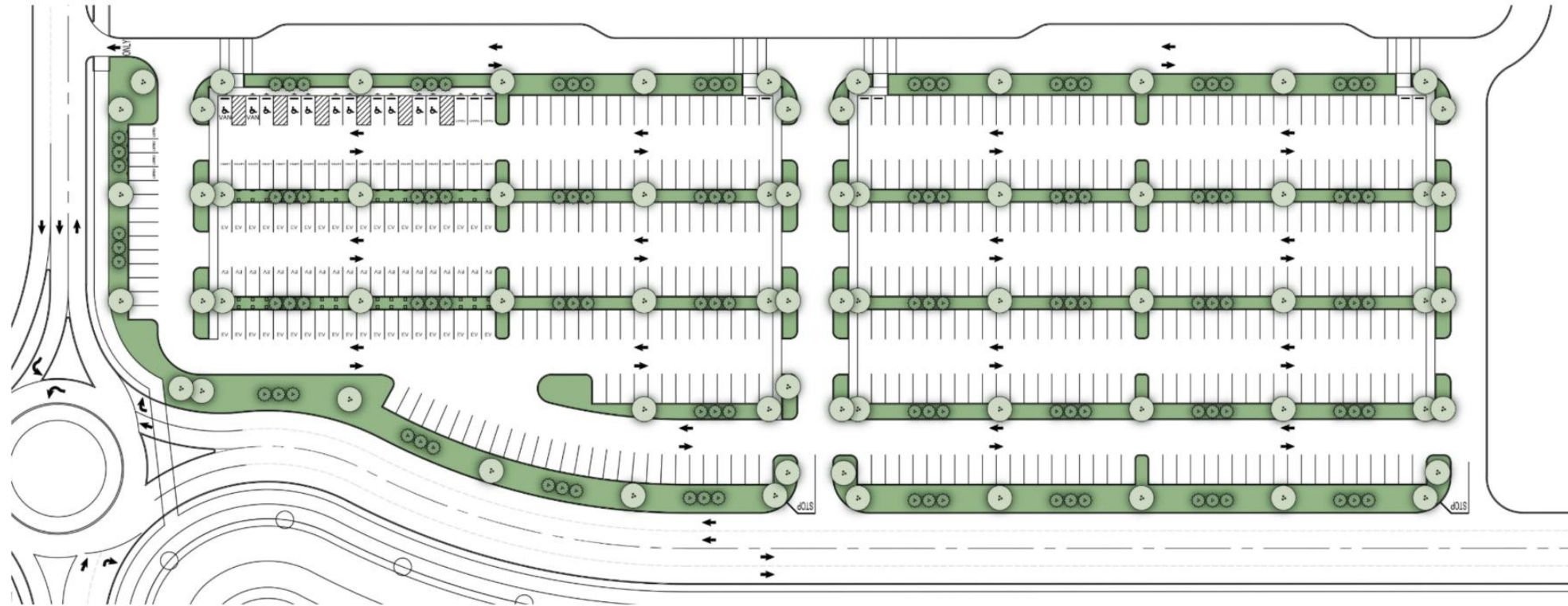


3 FRONT YARD ENLARGEMENT PLAN

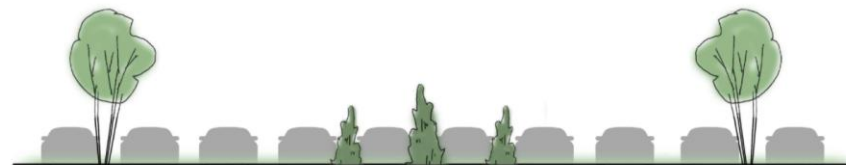
SCALE: 1" = 60'



4 – PARKING LOT



4 PARKING LOT ENLARGEMENT PLAN
SCALE: 1" = 60'

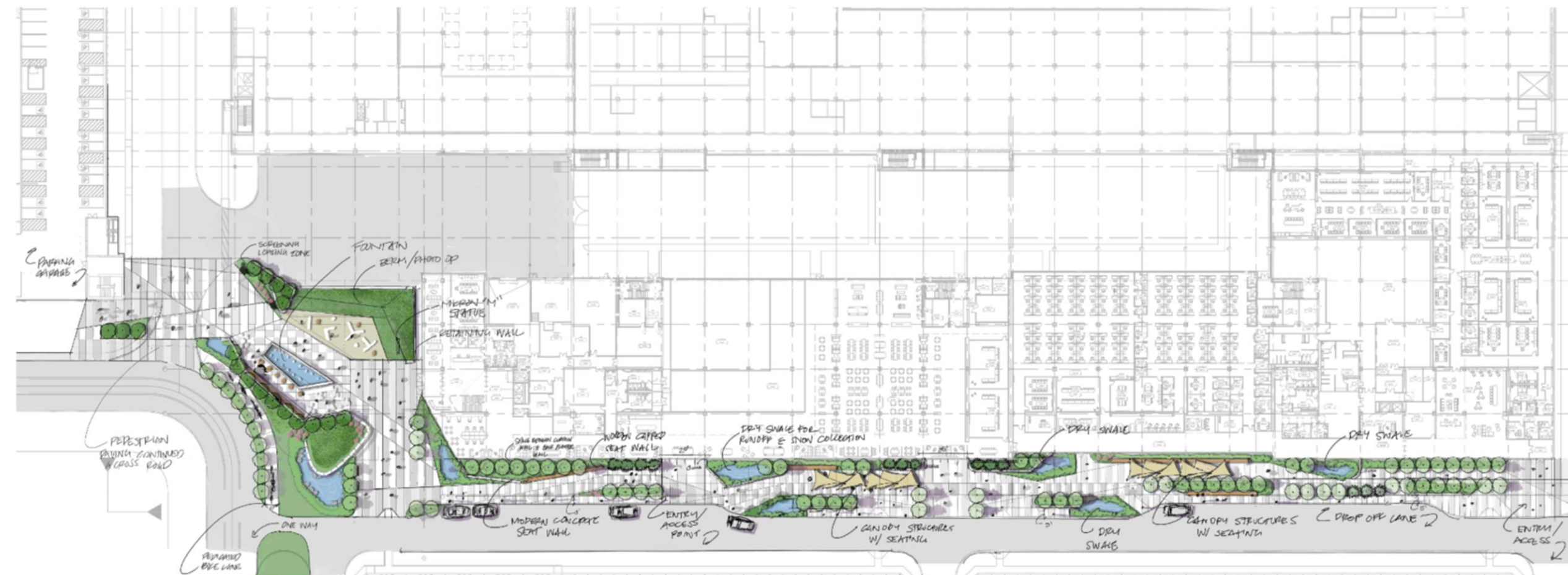


PARKING LOT SECTION
SCALE: 1" = 10'

PARKING LOT DESIGN CRITERIA

- Provide (1) native tree planting and (3) native shrub plantings per 10 parking spaces.
- Integrate E.V. charging stations into landscape.
- Seasonal snow storage is accommodated within native planting beds.
- Screen and beautify views from the Admin building.

5 – ADMIN BUILDING DROP-OFF AND ENTRY PLAZA



5 ADMIN BUILDING DROP-OFF & ENTRY PLAZA ENLARGEMENT PLAN
SCALE: 1" = 40'





PLANTING SCHEDULE

EXAMPLE OF PROJECT PLANTING SCHEDULE

STORMWATER MANAGEMENT AREA PLANTING SCHEDULE TYPE A					SEE DETAIL 7 / L0-0204
PERENNIALS					
QTY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	ACA	Acorus americanus	Sweetflag	PLUG	24" O.C.
	ASI	Asclepias Incarnata	Swamp milkweed	PLUG	24" O.C.
	BIF	Bidens frondosa	Devil's beggarticks	PLUG	24" O.C.
	CAC	Calamagrostis canadensis	Bluejoint grass	PLUG	24" O.C.
	CAL	Carex lacustris	Lake sedge	PLUG	24" O.C.
	CAS	Carex stricta	Tussock sedge	PLUG	24" O.C.
	CED	Ceratophyllum demersum	Coontail	PLUG	24" O.C.
	DEV	Decodon verticillatus	Water willow	PLUG	24" O.C.
	ELC	Elodea canadensis	Water weed	PLUG	24" O.C.
	EUM	Eupatorium maculatum	Joe-pye-weed	PLUG	24" O.C.
	HED	Heteranthera dubia	Water stargrass	PLUG	24" O.C.
	HIM	Hibiscus moscheutos	Swamp rose mallow	PLUG	24" O.C.
	JUE	Juncus effusus	Softrush	PLUG	24" O.C.
	NUL	Nuphar lutea	Yellow waterlily	PLUG	24" O.C.
	NYO	Nymphaea odorata	White waterlily	PLUG	24" O.C.
	PAC	Panicum Clandestinum	Deertongue tioga	PLUG	24" O.C.
	PEV	Peltandra virginica	Arrow arum	PLUG	24" O.C.
	POP	Poa Palustris	Fowl bluerass	PLUG	24" O.C.
	POC	Pontederia cordata	Pickereel weed	PLUG	24" O.C.
	PON	Potamogeton nodosus	Pondweed	PLUG	24" O.C.
	SAL	Sagittaria latifolia	Arrowhead	PLUG	24" O.C.
	SCP	Schoenoplectus pungens	Common threesquare	PLUG	24" O.C.
	SCT	Schoenoplectus tabernaemontani	Softstem bulrush	PLUG	24" O.C.
	SCC	Scirpus cyperinus	Woolgrass	PLUG	24" O.C.
	SOC	Solidago canadensis	Canada goldenrod	PLUG	24" O.C.
	SPE	Sparganium eurycarpum	Giant bur-reed	PLUG	24" O.C.
	SPP	Spartina pectinata	Freshwater cordgrass	PLUG	24" O.C.
	STP	Stuckenia pectinata	Sago pondweed	PLUG	24" O.C.
	TYL	Typha latifolia	Broad leaf cattail	PLUG	24" O.C.
	VAA	Vallisneria americana	Wild celery	PLUG	24" O.C.

- Project planting schedule includes the following areas:
 - Stormwater Management Area
 - Dense Screening
 - Floodplain Forest
 - Bioretention
 - Front Perimeter Landscape
 - Young Forest and Shrublands Transition
- Project planting schedule includes the following seed mixes:
 - Wet Meadow
 - Emergent Wetland
 - Floodplain Forest
 - Upland
 - Young, Shrublands Old Field
- Full planting schedule has been submitted with the Site Plan Application. See sheet PMT_B00_L0_0205.

Note: Plan renderings, details and plant schedules are for conceptual representation and site plan approval only. Final landscape architecture design and details will be provided with engineering permit drawings and issued for construction plans, in accordance with Town of Clay, Town of Cicero, Onondaga County and State of New York.

MICRON SEMICONDUCTOR MANUFACTURING PROCESS VIDEO

MICRON SEMICONDUCTOR MANUFACTURING PROCESS



[Making Memory Chips - Semiconductor Manufacturing Process](#)

Micron New York Semiconductor Manufacturing Facility - Planning Board Presentation - October 08, 2025

SITE PLAN APPLICATION CHECKLIST

SITE PLAN APPLICATION CHECKLIST

SPA Submittal Requirement	Reference Material
☐ Copy of the current deed with legal description	Site Plan Approval Set
☐ A Title Sheet listing all of the pages that comprise the Site Plan or Amended Site Plan.	Site Plan Approval Set
☐ The zoning classification of the site and all adjacent properties.	Site Plan Approval Set
☐ All existing easements and/or restrictions of record including rights-of-way, fully dimensioned;	Site Plan Approval Set
☐ All existing/proposed buildings, structures, screening devices, landscaping, plantings and mature trees, exterior lighting, driveways, parking areas, curbing, loading areas, and on and off site circulation patterns.	Site Plan Approval Set
☐ All watercourses, marshes, rock outcroppings, wooded acres, wetlands, (DEC and Corps of Engineers), flood plains (based on F.E.M.A maps), and other significant natural or manmade features.	- Existing Conditions Site Survey - A0_0200 and 0201
☐ Where applicant proposes to disturb one (1) acre or greater, a SWPPP is required, as the Town of Clay is a MS4 (Municipal Separate Stormwater Sewer Systems) community.	See Engineering design packages SP-01 and DRB-03
☐ Proposed land uses, building, and structures, driveways, parking lots, curbing, loading spaces and driving lanes including on and off site circulation patterns	Site Plan Approval Set
☐ Any proposed sign locations and additional information as required for signage permit application	Site Plan Approval Set
☐ Proposed utilities, fire hydrants, fire suppression connections, and fire service access per Chapter 5 Fire Service Features of the Fire Code of New York State.	- Site Plan Approval Set: A0_0202, 0203, 0205 - See SP-04 package
☐ Populate new development fire-flow form	Site Plan Approval Set
☐ Proposed grading. Existing and proposed grading in one (1) foot contour intervals.	Represented on SP-04 sheets
☐ Detailed drainage plans showing on site storage, floodways and proposed easements	See SP-04 package
☐ Erosion and sediment control plans.	See SP-01 and DRB-03
☐ Dumpster details	Site Plan Approval Set
☐ Survey of the property, dated within six (6) months of submission, showing existing features, including contours, buildings, structures, major trees, streets, utility easements, right-of-way, land use and sign locations (signs require a separate application)	- Existing Conditions Site Survey
☐ Statement showing the construction sequence and time schedule for completion of each phase for buildings, parking spaces, landscaped areas, and other significant areas	Captured on Construction Logistics sheet Site Plan Approval Set: A0_0208
☐ Statement setting forth a description of the proposed uses including hours of operations, number of employees, expected volume of business, and type and volume of traffic expected to be generated (large projects may require a traffic safety study)	See EIS (supporting material)
☐ Environmental Assessment Form (EAF) (Separate download) For all commercial project, all Industrial Projects, all Residential projects over 10 acres the Full EAF is required. For Residential projects under 10 acres the short EAF is required.	See EAF (supporting material)
☐ Preliminary architectural drawings for structures delineated to be constructed, including floor plans, exterior elevations, sections and dimension.	Site Plan Approval Set
☐ Preliminary engineering plans, including street improvements, public utility systems and hydrant locations. These will be distributed to the TownEngineer, Planning Board Members, the County and any fire department that needs to review the Site Plan or Amended Site Plan and accompanying documents.	- Traffic Impact Study (supporting material) - Site Plan Approval Set
☐ SWPPP when required (Stormwater Pollution Prevention Plan) consistent with the requirements of § 230-20 D. of the Town of Clay Code.	See DRB-003

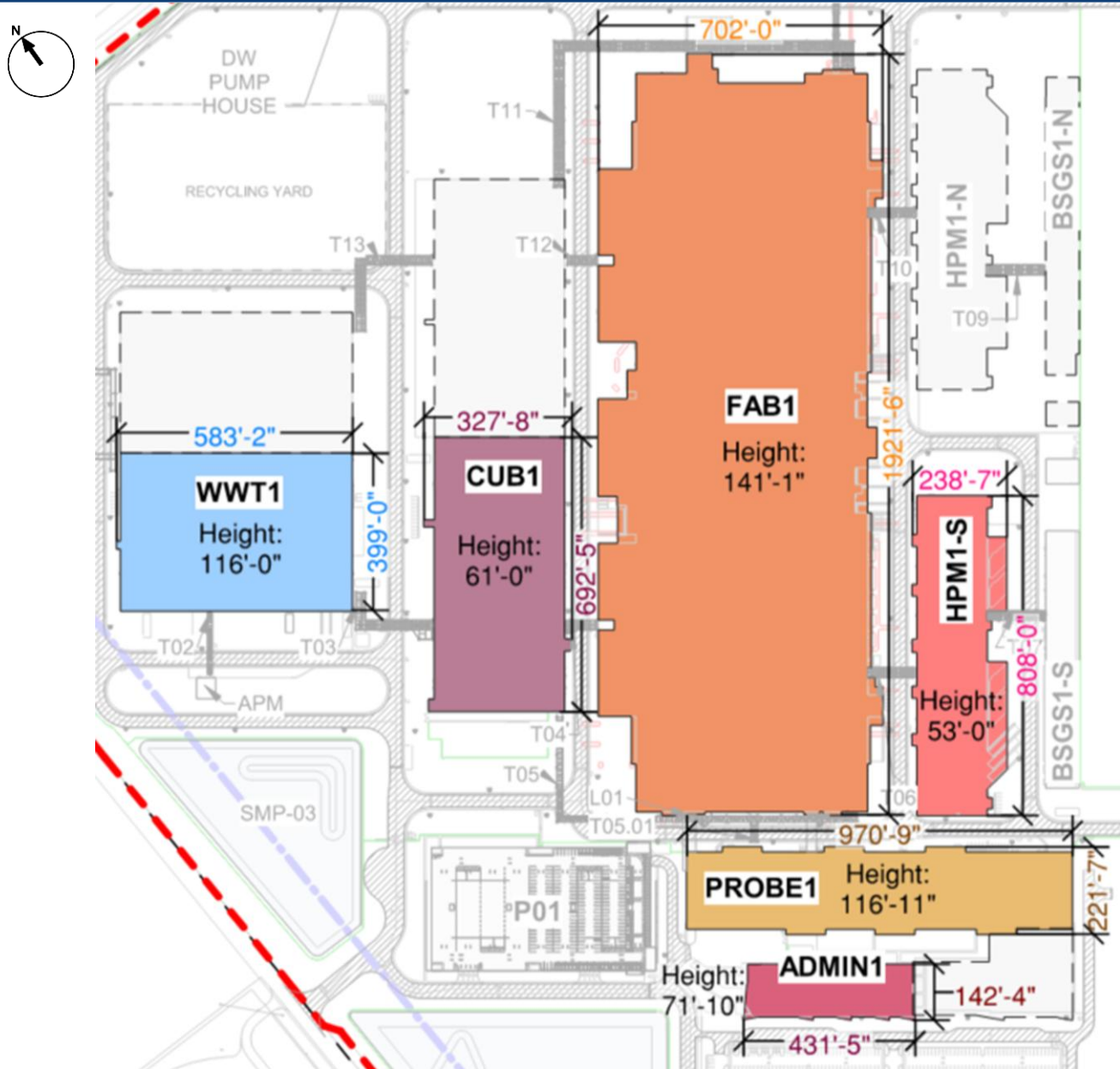
APPENDIX

- EXTERIOR BUILDING ELEVATIONS
- CAMPUS BUILDING MATERIAL PALETTE
- SUPPORTING SITE PLANNING DIAGRAMS
- PROPOSED VARIANCES
- PERMITTING DRAWING LIST

EXTERIOR BUILDING ELEVATIONS

- OVERALL BUILDING DIMENSIONS
AND HEIGHTS
- ADMIN
- PROBE
- FAB
- CUB
- HPM
- WWT

OVERALL BUILDING DIMENSIONS AND HEIGHTS



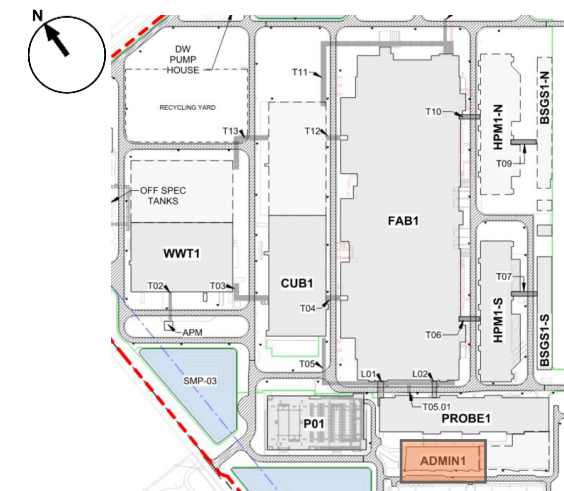
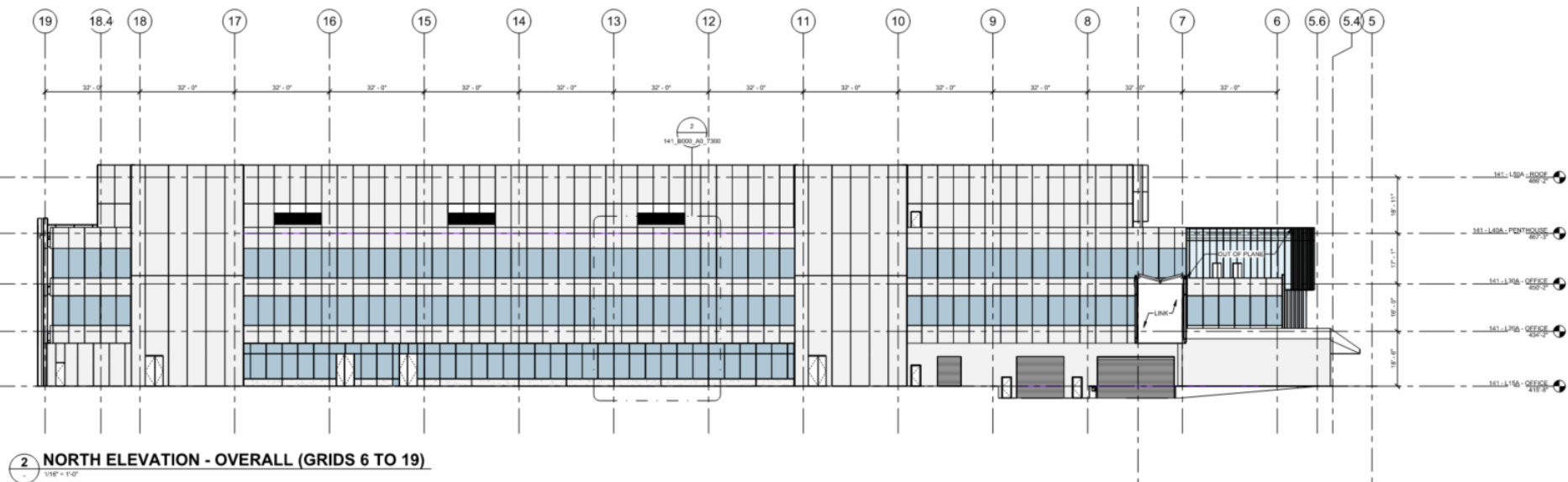
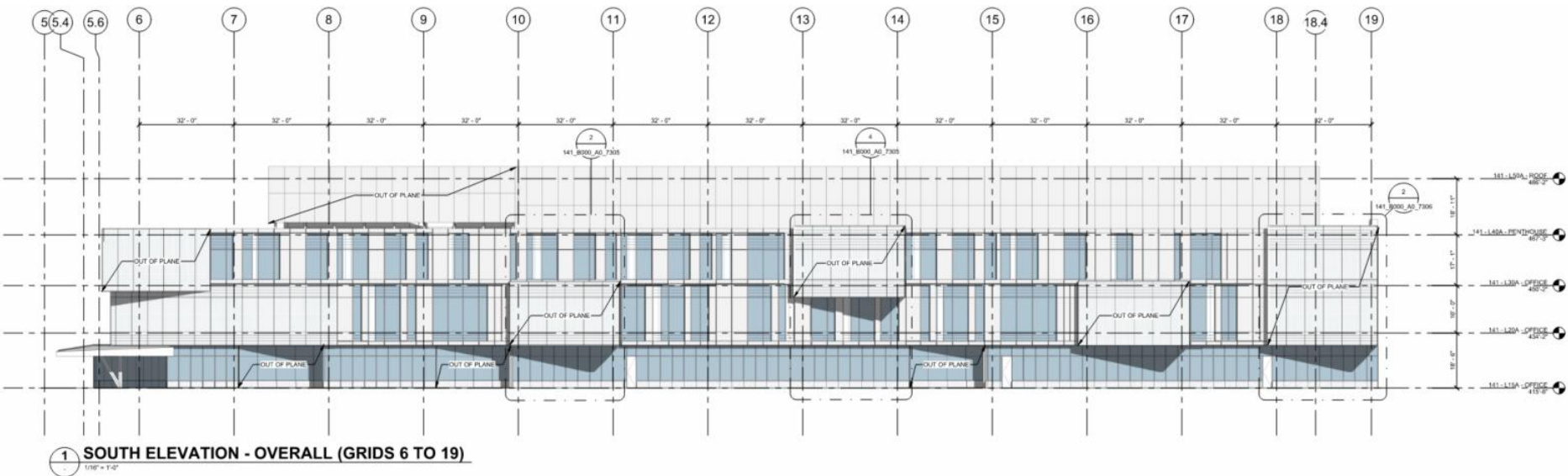
SCHEDULE OF BUILDINGS

BUILDING NAME	NUMBER OF STORIES	TOTAL BUILDING AREA (SF)
FAB	3	3,924,283
CUB	2	795,734
HPM	2	217,657
WWT	3	719,311
PROBE	4	669,917
ADMIN	4	417,000

NOTE: BUILDING HEIGHTS ARE MEASURED FROM GRADE TO THE LEVEL OF THE HIGHEST PRIMARY ROOF. OVERALL DIMENSIONS ARE TAKEN FROM THE WIDEST POINT OF THE BUILDING.



ADMIN BUILDING – NORTH AND SOUTH ELEVATIONS

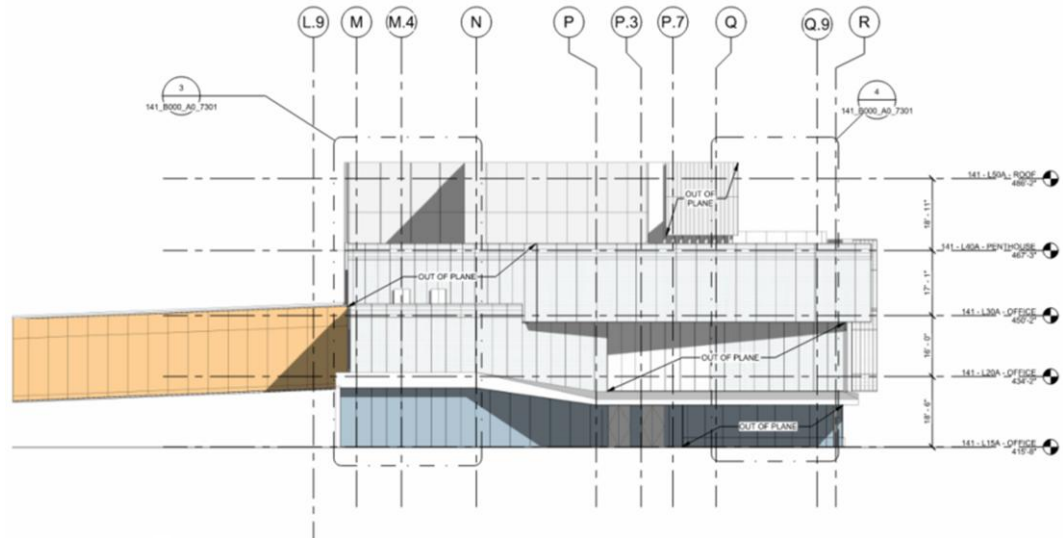


KEY PLAN

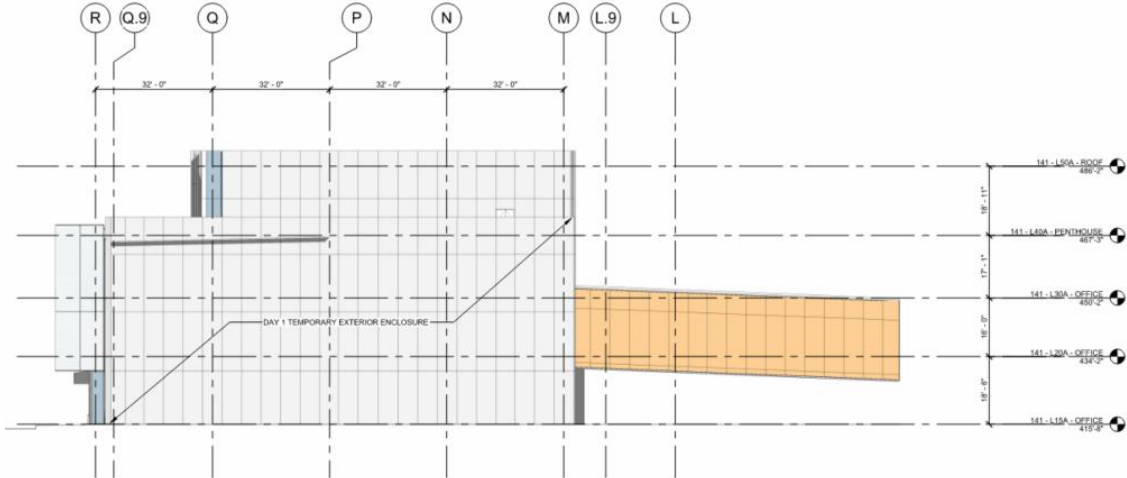
UNITIZED CURTAINWALL SUB ASSEMBLIES LEGEND

VG-1 (VISION)	SG-1
VG-2 (FRIT)	SG-2 (FRIT)
VG-3 (FROST)	SG-3 (FROST)
VG-4 (AMBER)	SG-4 (AMBER)
MG-1	PC-1
MG-2	

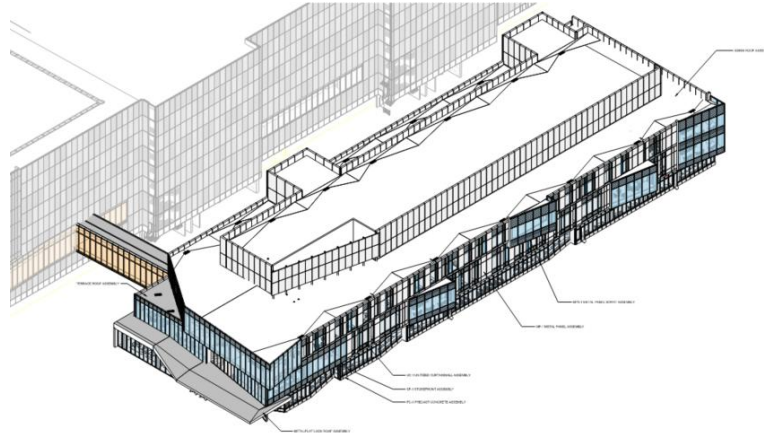
ADMIN BUILDING – EAST AND WEST ELEVATIONS



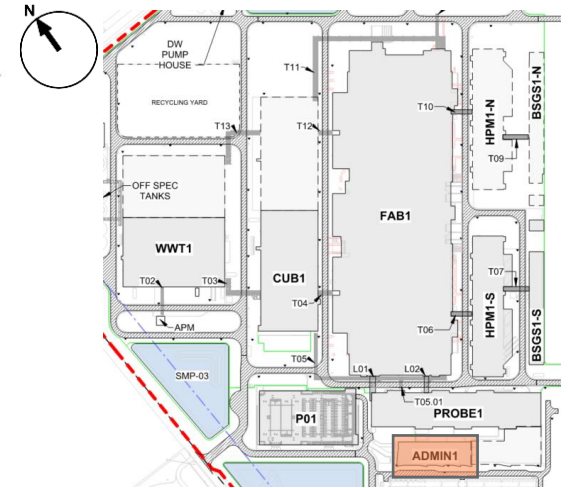
3 WEST ELEVATION - OVERALL (GRIDS M TO R)
1/16" = 1'-0"



5 EAST ELEVATION - OVERALL (GRIDS M TO R)
1/16" = 1'-0"



1 AXON - SOUTH WEST - D1



KEY PLAN

UNITIZED CURTAINWALL SUB ASSEMBLIES LEGEND

	VG-1 (VISION)		SG-1
	VG-2 (FRIT)		SG-2 (FRIT)
	VG-3 (FROST)		SG-3 (FROST)
	VG-4 (AMBER)		SG-4 (AMBER)
	MG-1		PC-1
	MG-2		



PRECAST PANELS

-  PC-1 - 12" INSULATED PRECAST PANEL
-  PC-2 - VENEER PRECAST CONCRETE PANEL

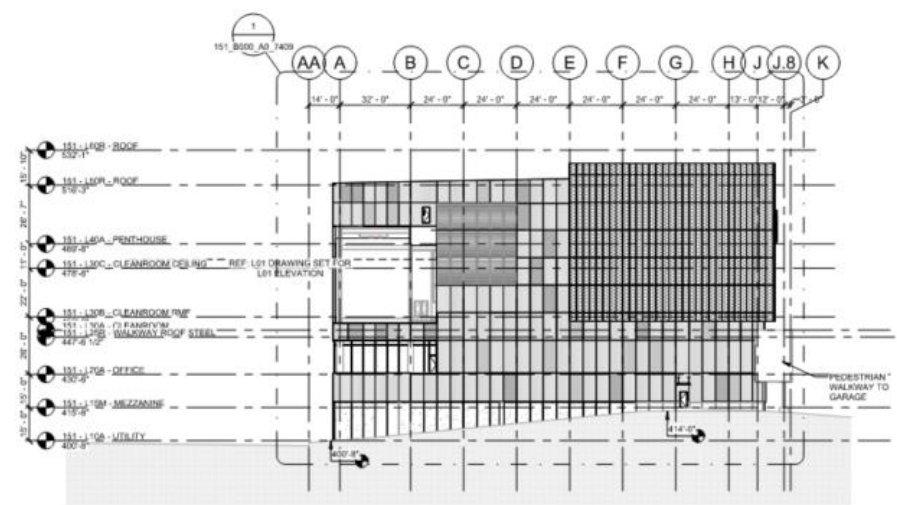
GLASS TYPE LEGEND

-  VG-1 (VISION)
  SG-1
-  VG-2 (AMBER)
  SG-2 (AMBER)

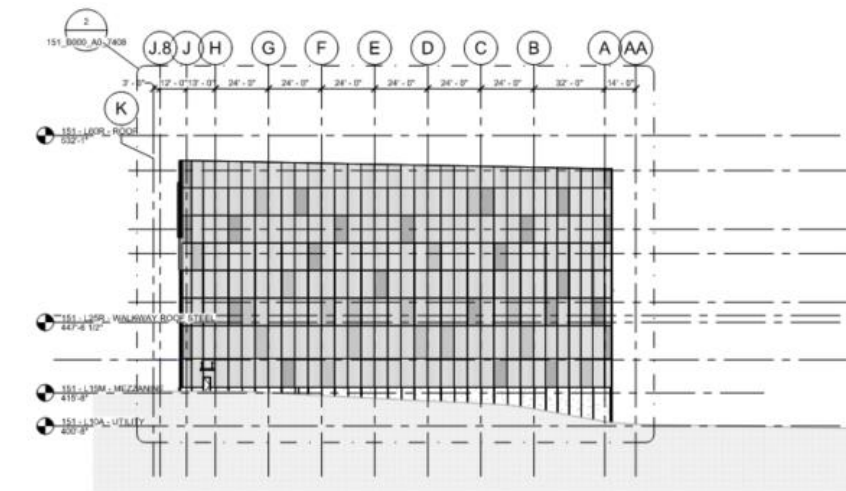
METAL PANEL PROFILE LEGEND

-  MP-1
 MP-2A
 MP-2B
 MP-3 (PERFORATED PLATE PANEL)

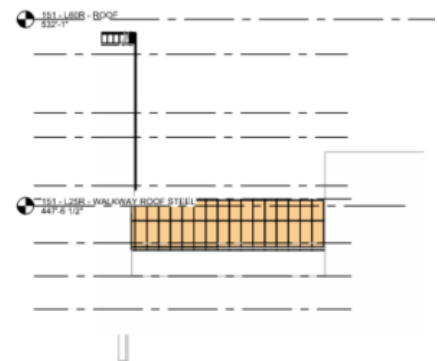
PROBE BUILDING – EAST AND WEST ELEVATIONS, GARAGE LINK ELEVATION



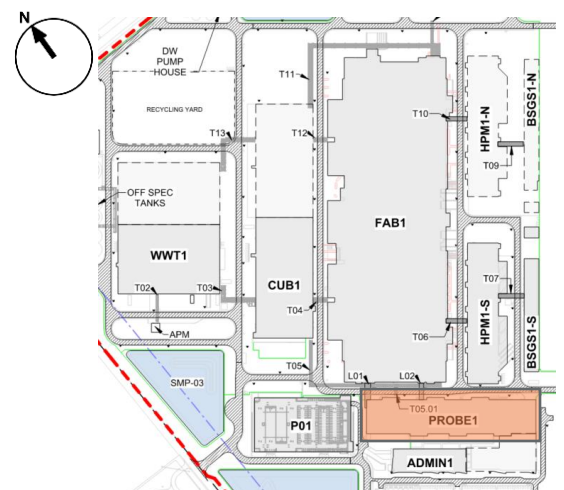
3 WEST ELEVATION - OVERALL
1" = 30' 0"



4 EAST ELEVATION - OVERALL
1" = 30' 0"



5 NORTH ELEVATION-GARAGE LINK
1" = 30' 0"



KEY PLAN

PRECAST PANELS

- PC-1 - 12" INSULATED PRECAST PANEL
- PC-2 - VENEER PRECAST CONCRETE PANEL

GLASS TYPE LEGEND

- VG-1 (VISION)
- VG-2 (AMBER)
- SG-1
- SG-2 (AMBER)

METAL PANEL PROFILE LEGEND

- MP-1
- MP-2A
- MP-2B
- MP-3 (PERFORATED PLATE PANEL)

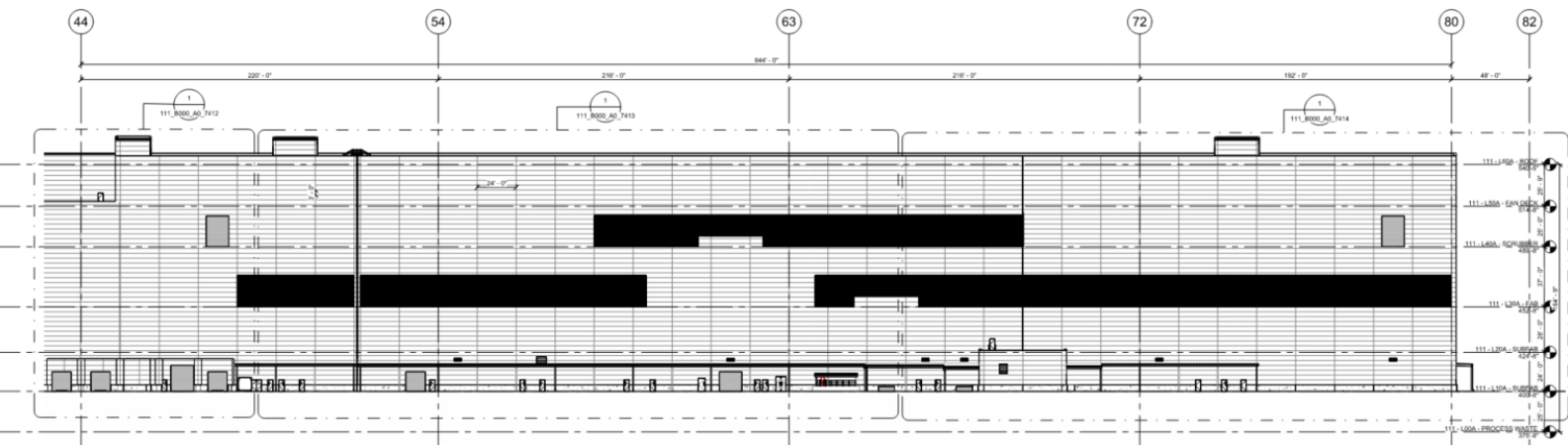
FAB BUILDING – EAST ELEVATIONS

MOD 1

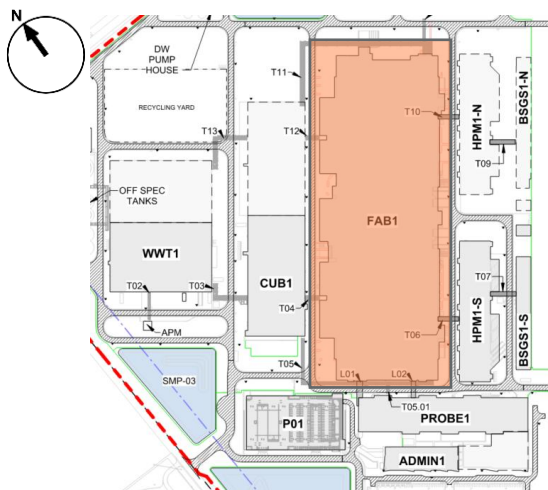


1 EAST (GRIDS 1 - 44)
1" = 30'-0"

MOD 2



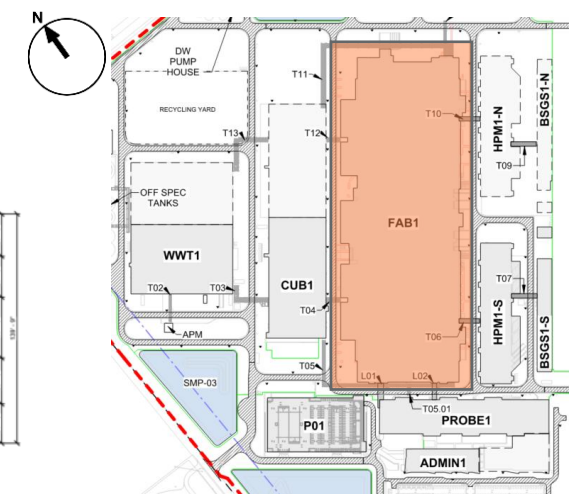
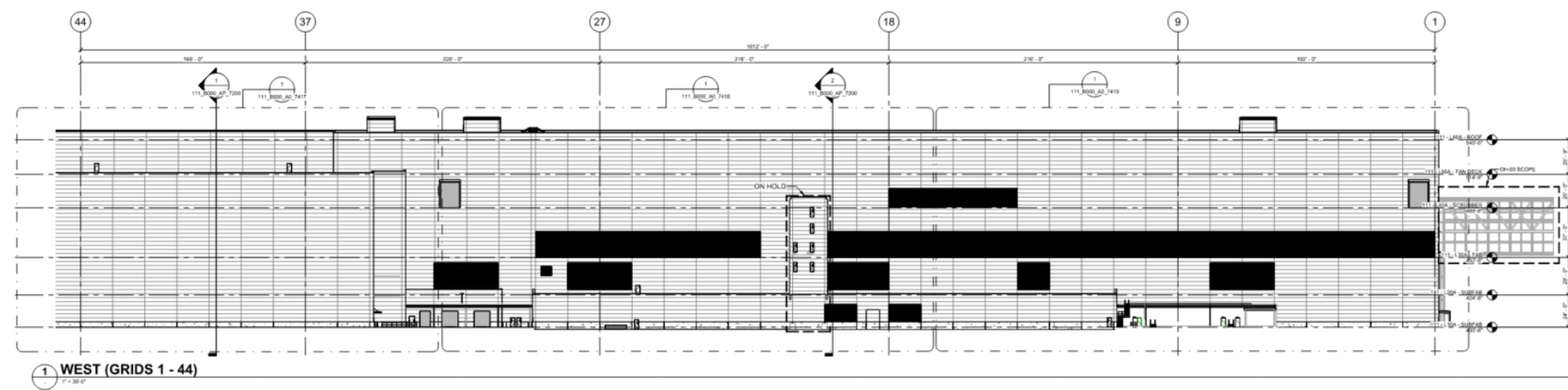
2 EAST (GRIDS 44 - 82)
1" = 30'-0"



KEY PLAN

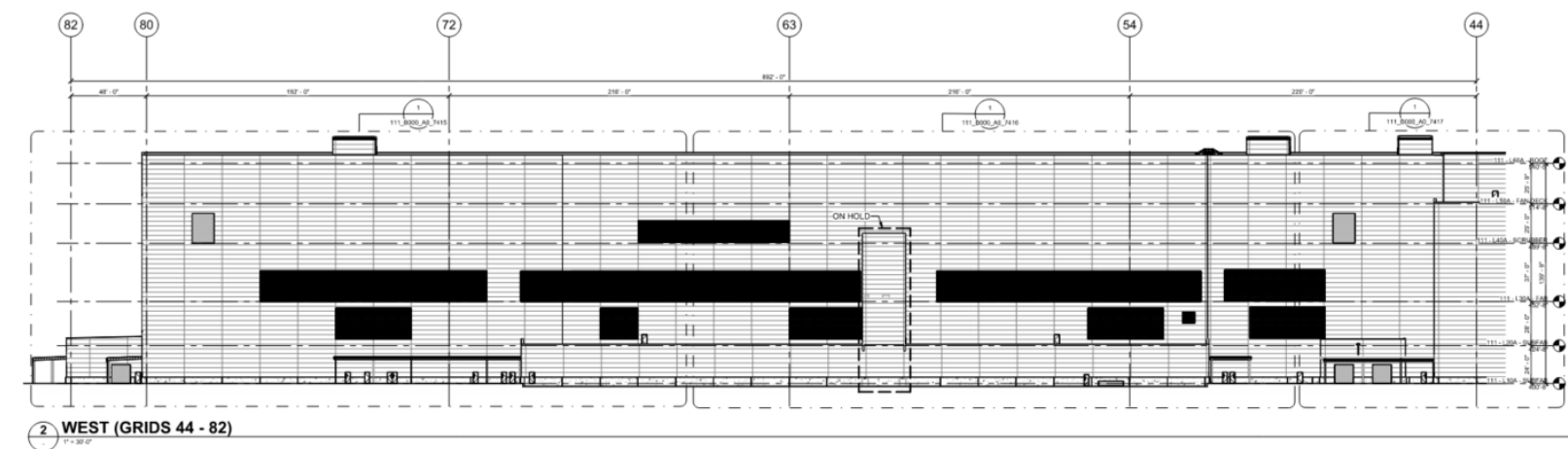
FAB BUILDING – WEST ELEVATIONS

MOD 1



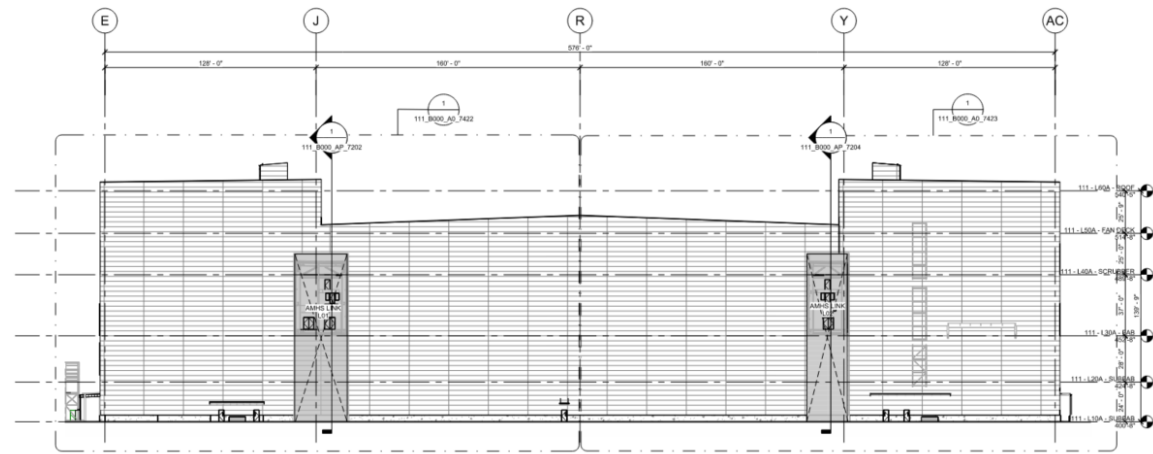
KEY PLAN

MOD 2



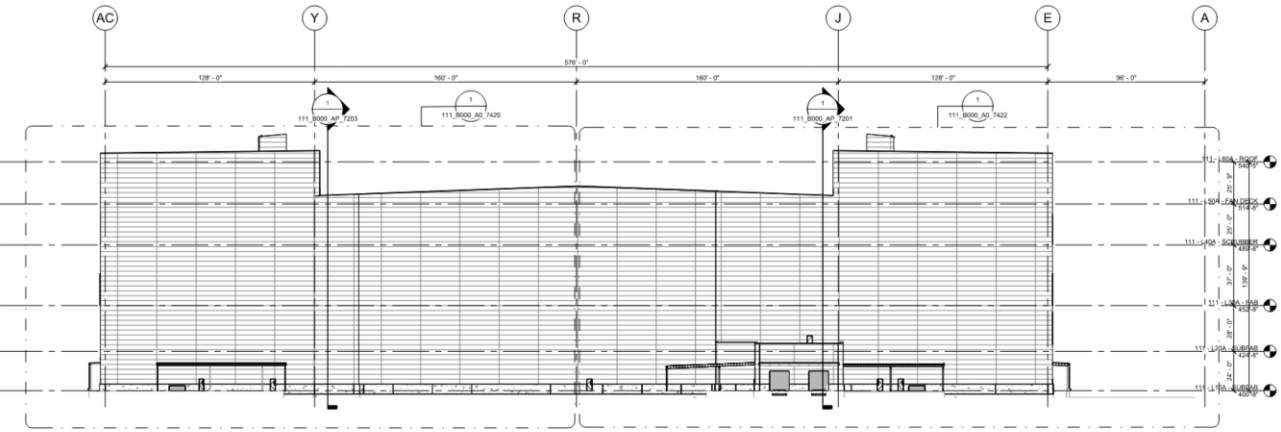
FAB BUILDING – NORTH AND SOUTH ELEVATIONS

MOD 1



2 SOUTH - OVERALL
1" = 30'-0"

MOD 2

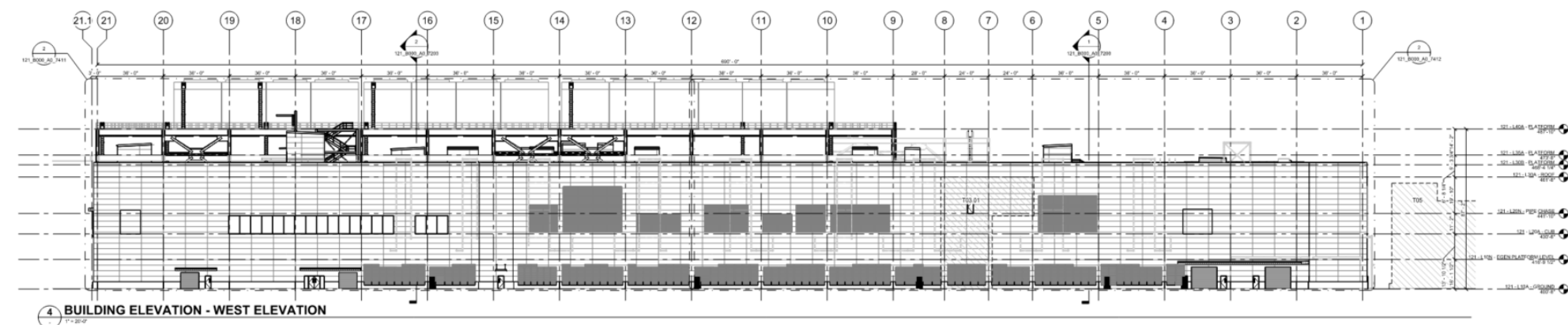
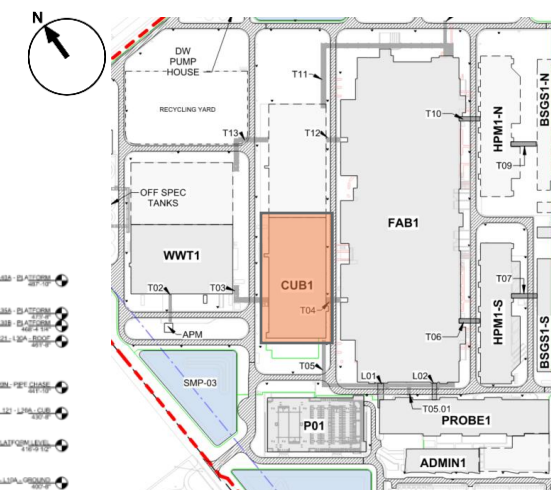
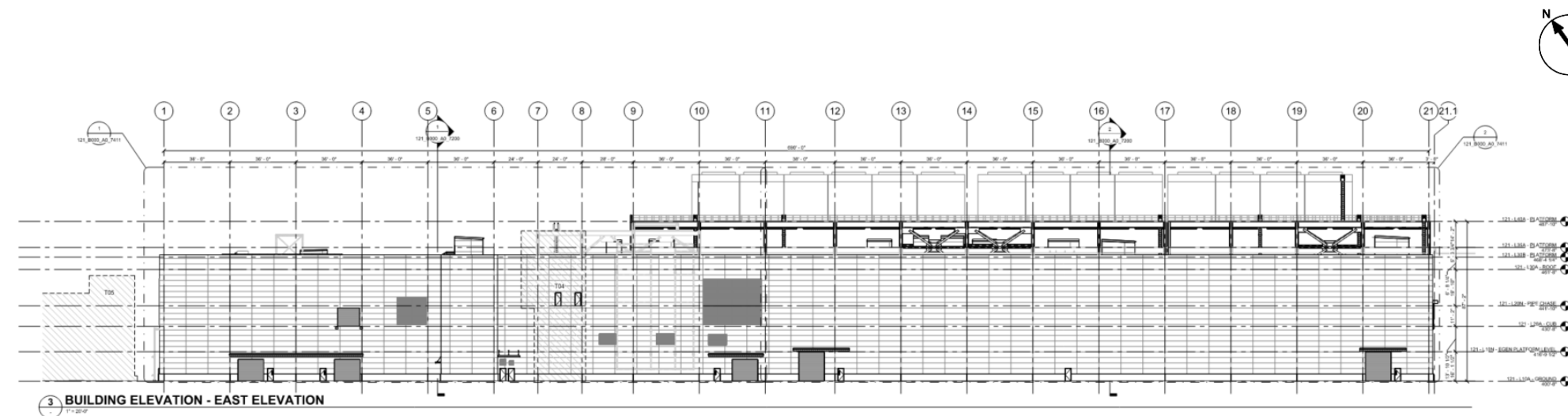


1 NORTH - OVERALL
1" = 30'-0"

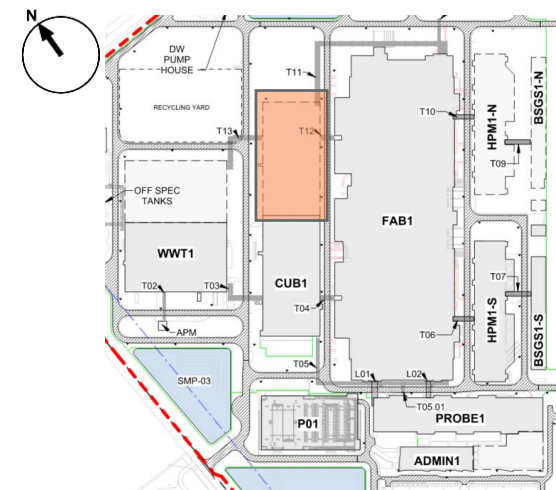
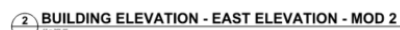


KEY PLAN

CUB BUILDING – EAST AND WEST ELEVATIONS – MOD 1

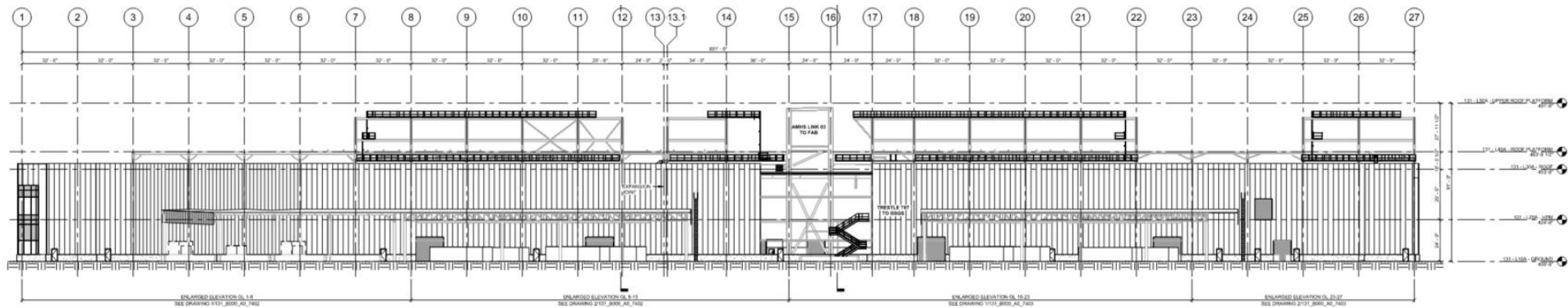




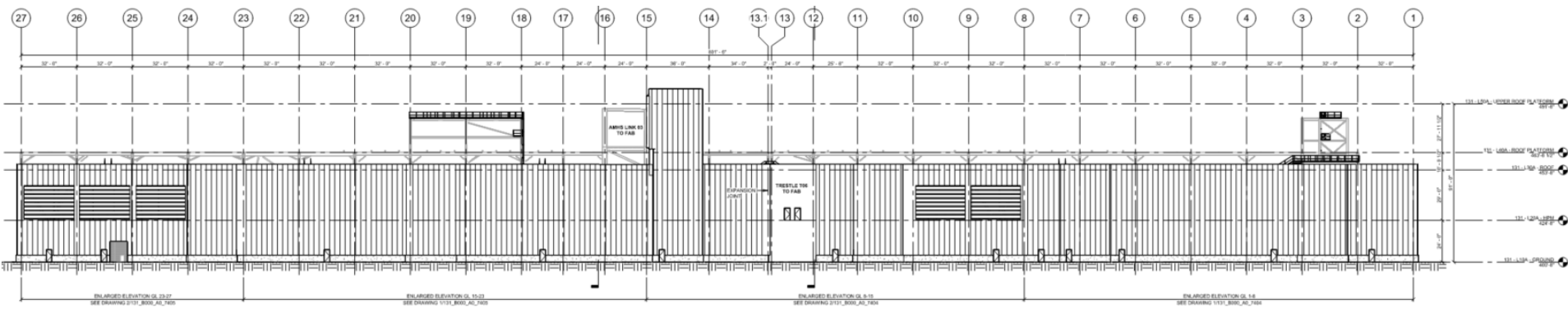


KEY PLAN

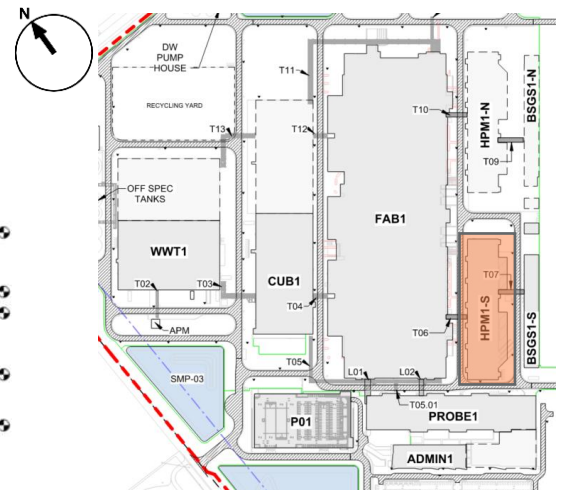
HPM BUILDING – EAST AND WEST ELEVATIONS



3 HPM EAST ELEVATION - OVERALL
3/8" = 1'-0"

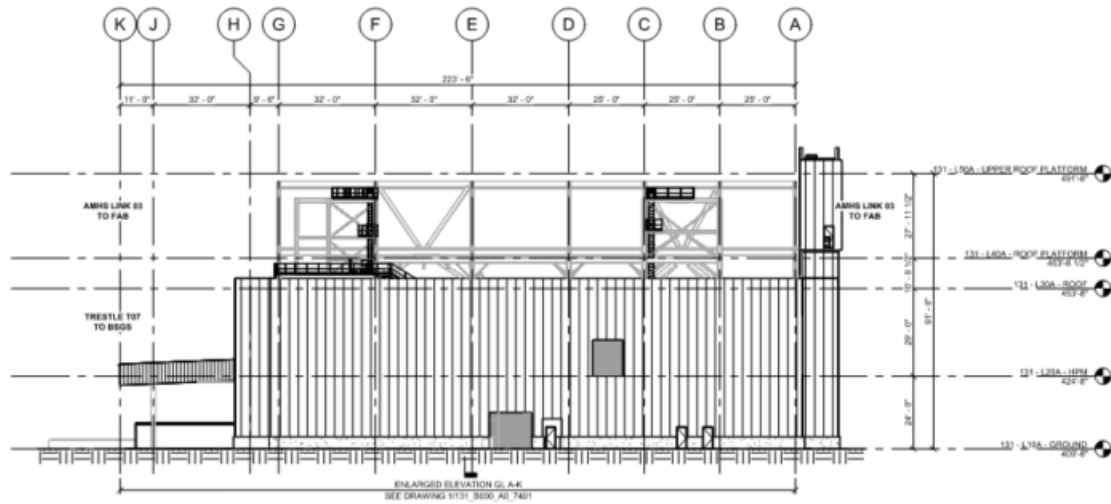


4 HPM WEST ELEVATION - OVERALL
3/8" = 1'-0"

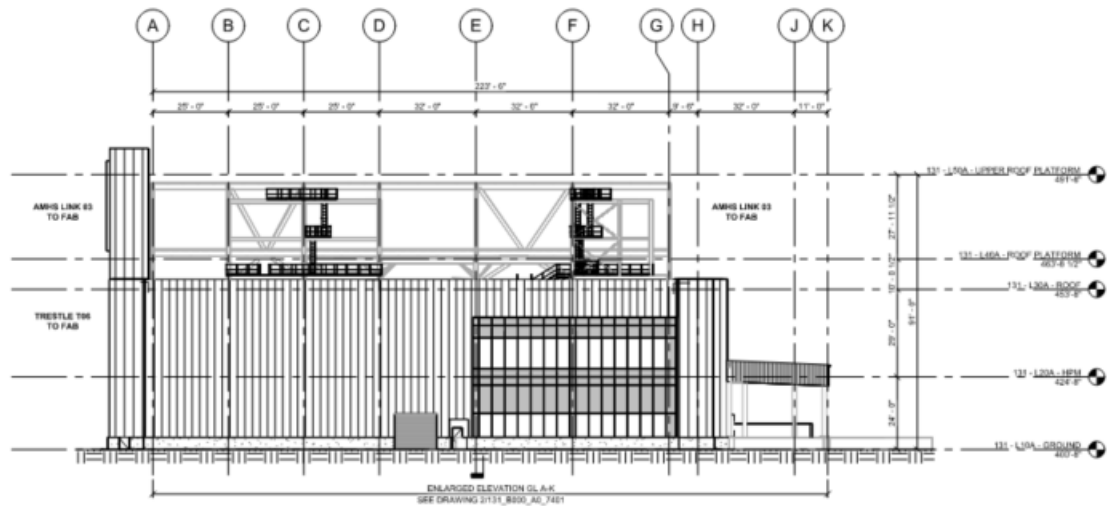


KEY PLAN

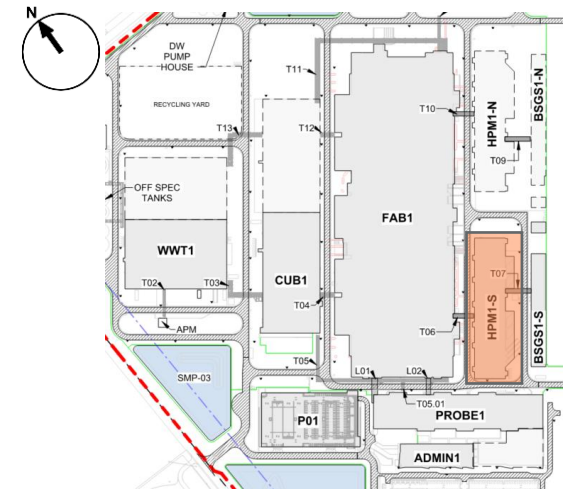
HPM BUILDING – NORTH AND SOUTH ELEVATIONS



1 HPM NORTH ELEVATION - OVERALL
3/64" = 1'-0"

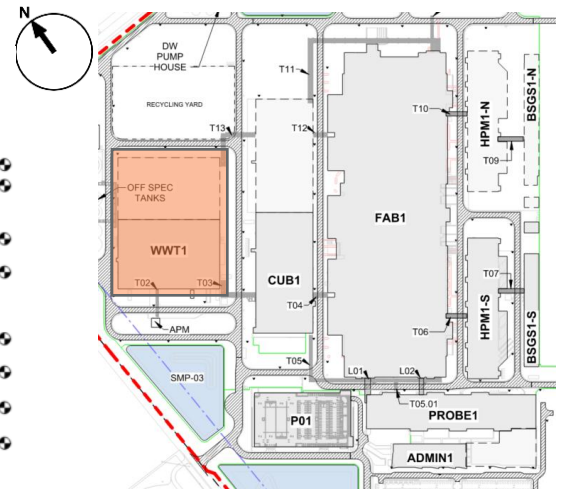
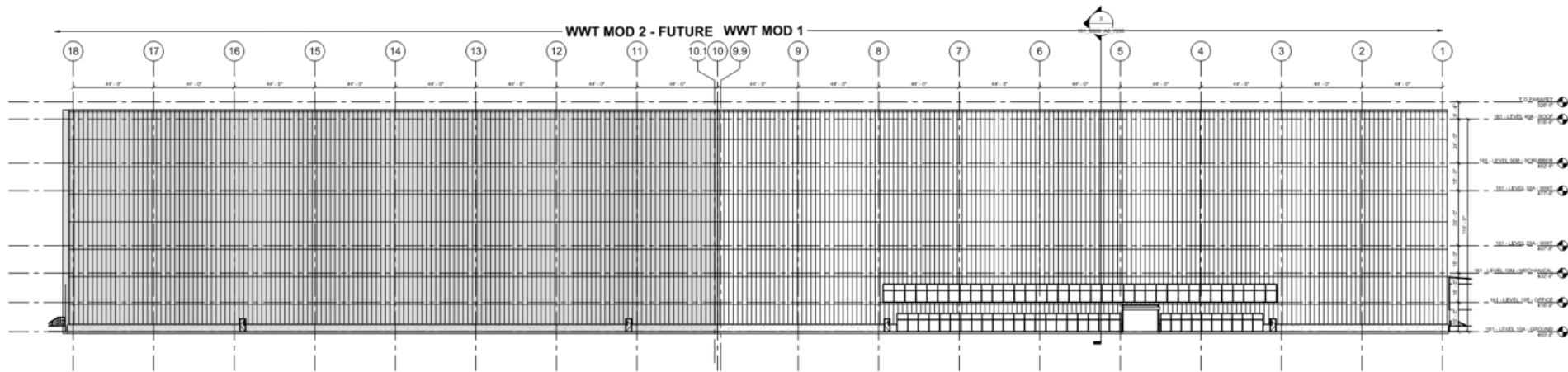


2 HPM SOUTH ELEVATION - OVERALL
3/64" = 1'-0"



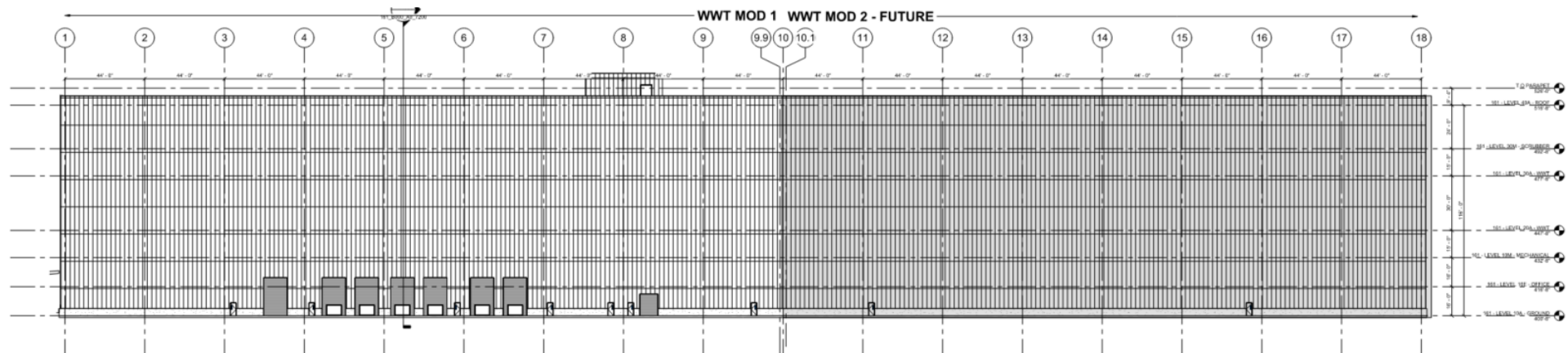
KEY PLAN

WWT BUILDING – NORTH AND SOUTH ELEVATIONS



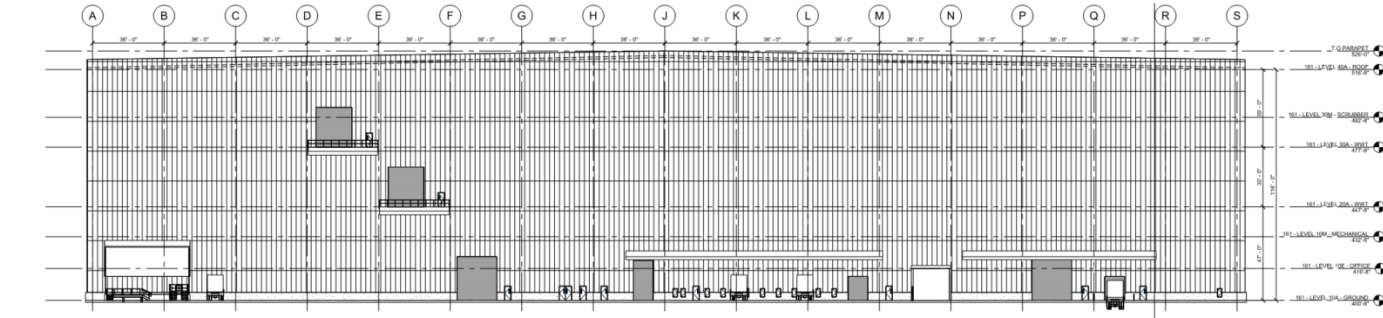
KEY PLAN

1 BUILDING ELEVATION - NORTH

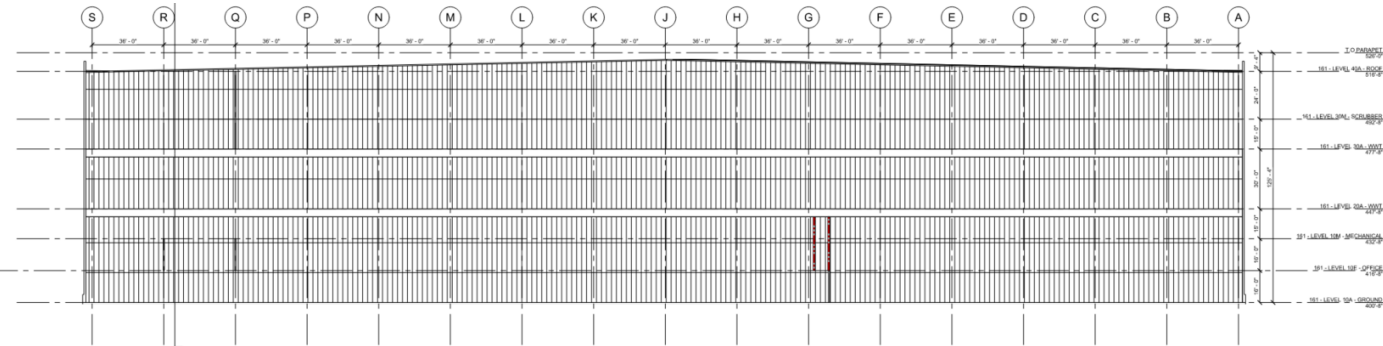


2 BUILDING ELEVATION - SOUTH

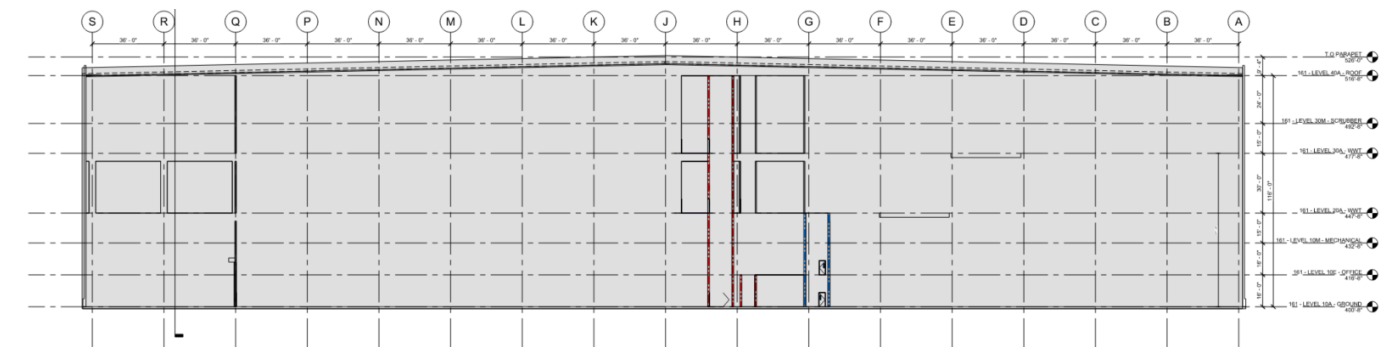
WWT BUILDING – EAST AND WEST ELEVATIONS



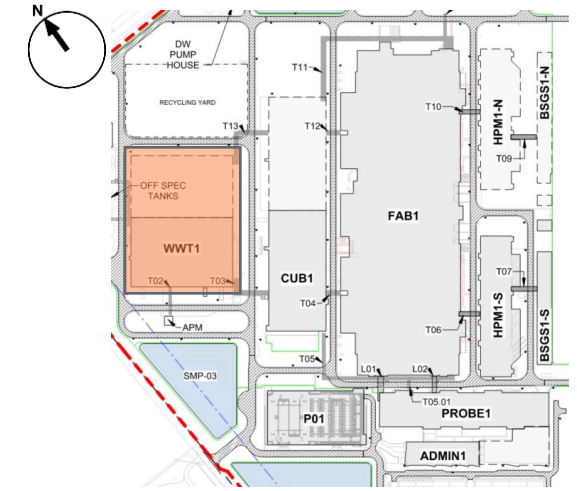
1 BUILDING ELEVATION - WEST



2 BUILDING ELEVATION - EAST MOD 1



3 BUILDING ELEVATION - EAST MOD 2

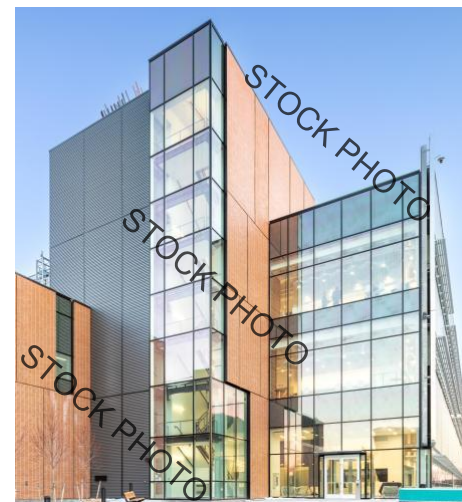


KEY PLAN

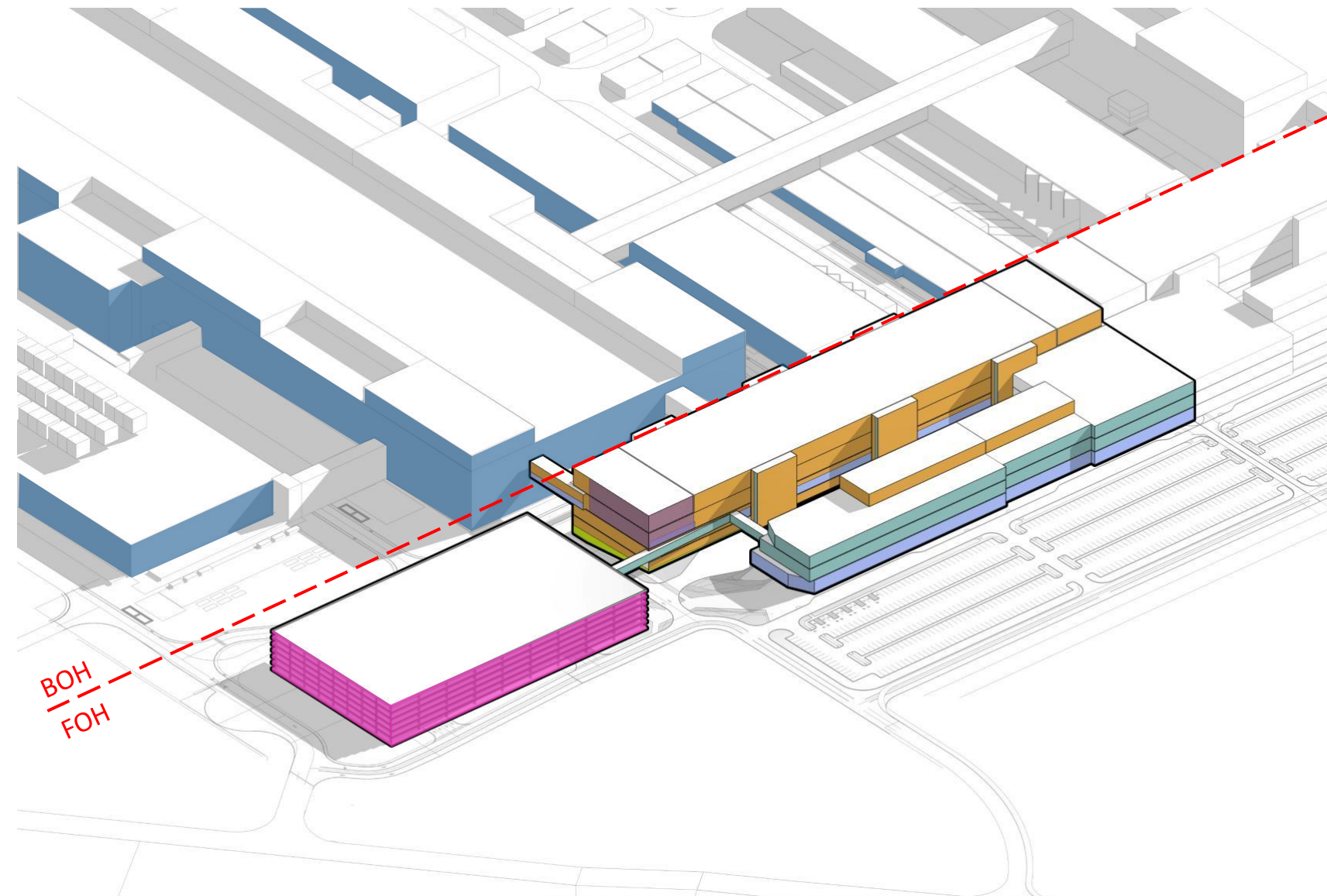
CAMPUS BUILDING MATERIALS PALETTE

EXTERIOR ENCLOSURE SYSTEMS SUMMARY

IMP (Insulated Metal Panel)	METAL PANEL RAINSCREEN SYSTEM	CURTAIN WALL (Unitized & Storefront)	INSULATED PRECAST CONCRETE
- Adequate for the northern NY climate - Metal-clad insulation with factory applied coating and integral joints - A variety of grades, profiles, and coatings are available - Durable and requires little to no maintenance	- High-performing for the northern NY climate - Pre-fabricated backup wall with metal panel outer layer with factory applied coating - Large-scale prefabrication reduces waste and on-site construction time - Durable and requires little to no maintenance	- High-performing for the northern NY climate - Aluminum framing system with insulated glazing or metal panel infill - Highest level of finish - Durable and requires little to no maintenance	- High durability - Off-site fabrication and reduces on-site construction time - Field-applied coating on the precast surface to reduce staining - Heavy weight – not recommended for upper levels



EXTERIOR ENCLOSURE SYSTEMS OVERVIEW



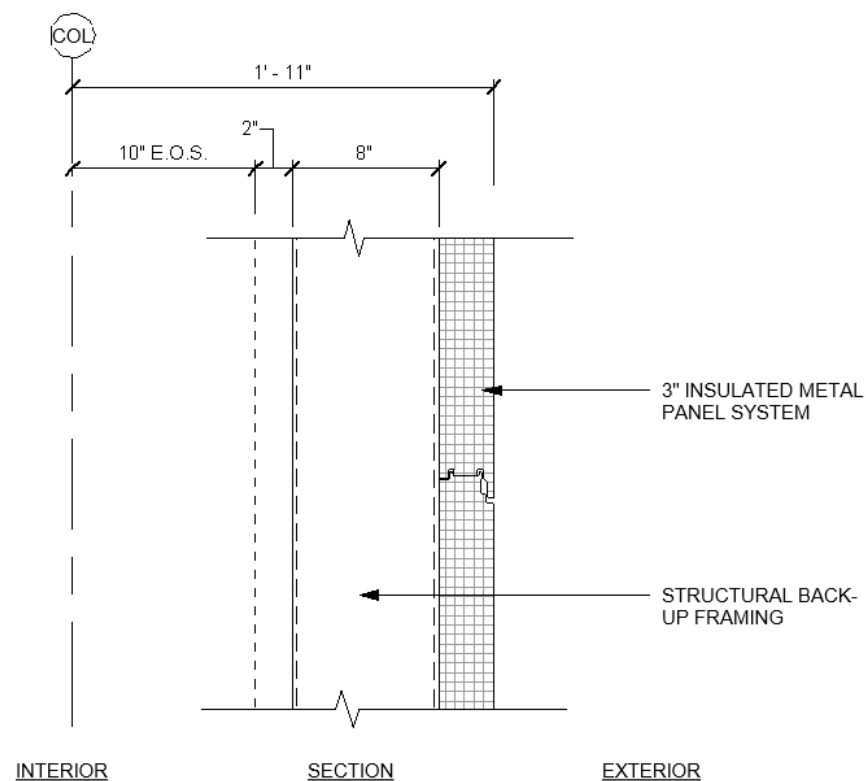
MAJOR EXTERIOR SYSTEMS

- METAL PANEL RAINSCREEN
- STOREFRONT GLAZING
- CURTAIN WALL
- INSULATED PRECAST CONCRETE
- METAL PANEL SCREENING
- METAL SCREENING AT PARKING GARAGE
- INSULATED METAL PANEL

INSULATED METAL PANEL (IMP) - BOH

OVERVIEW

- Insulated Metal Panel systems consist of interlocking panels of metal clad rigid insulation fastened to a backup structure.
- The panel joints are performance tested and can rely on factory or field installed seals. Insulation values vary with panel thickness.
- Panels come in a variety of profiles and finishes.
- Backup assembly flexibility.



TYPICAL DETAIL

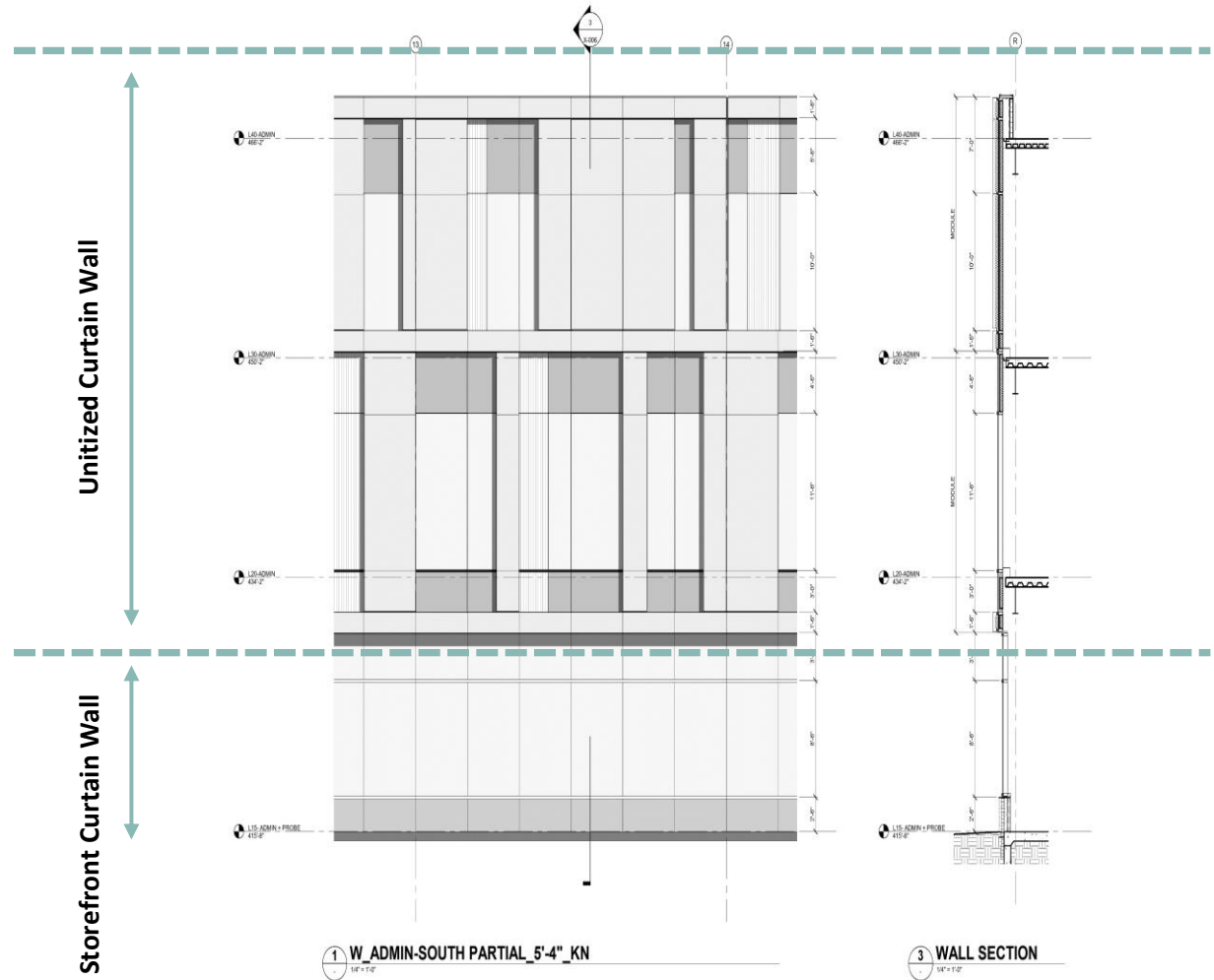


UNITIZED AND STOREFRONT CURTAIN WALL - FOH

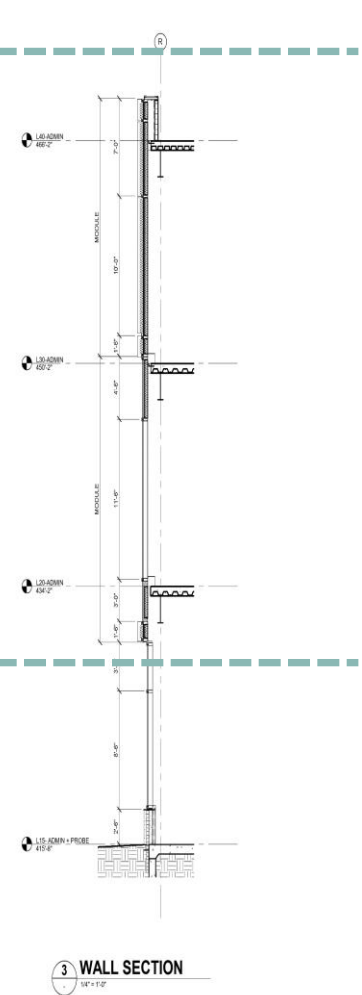
ILLUSTRATIVE ELEVATIONS

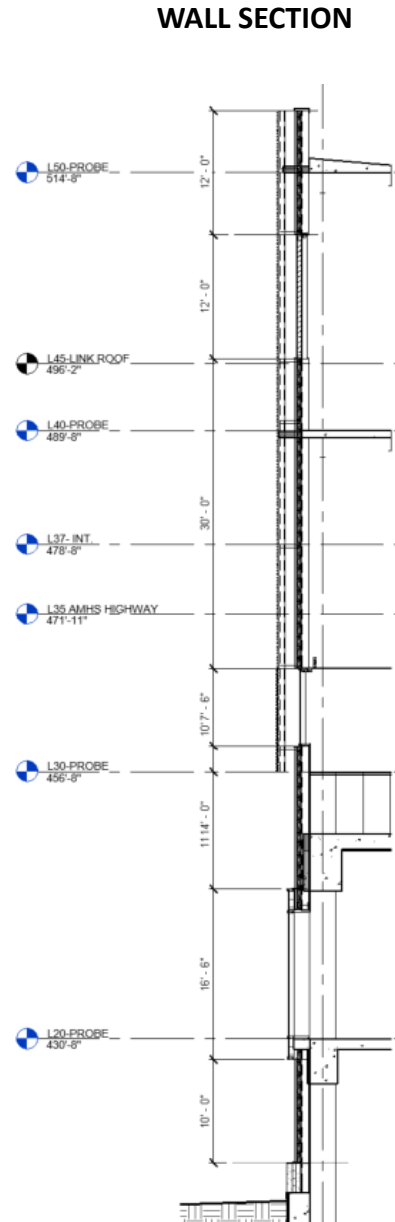
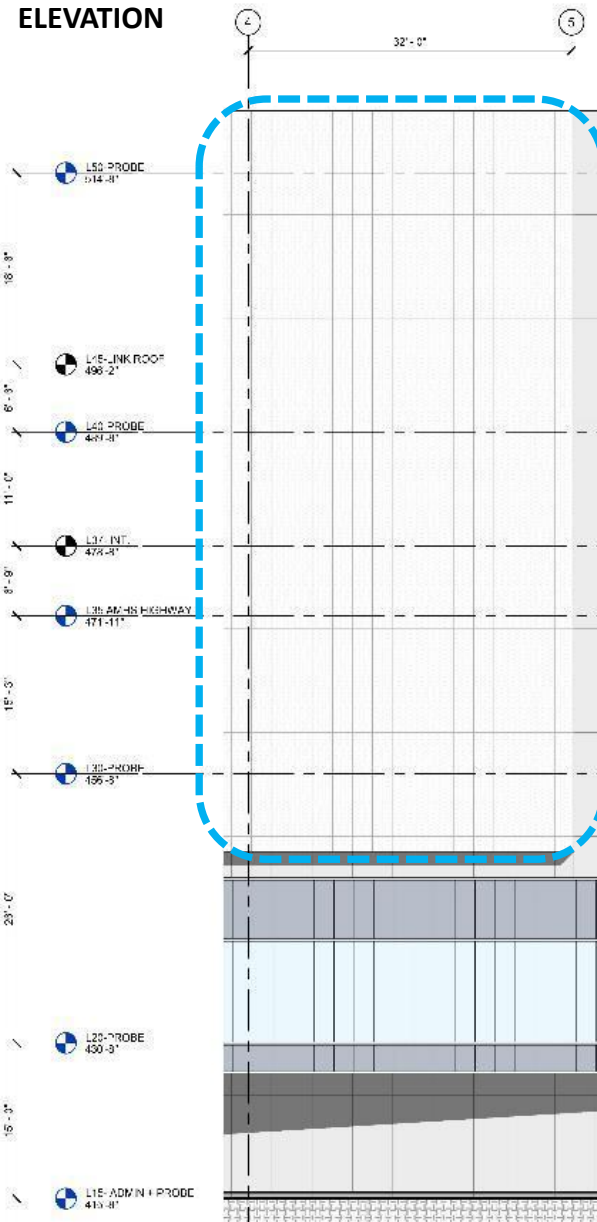


ELEVATION



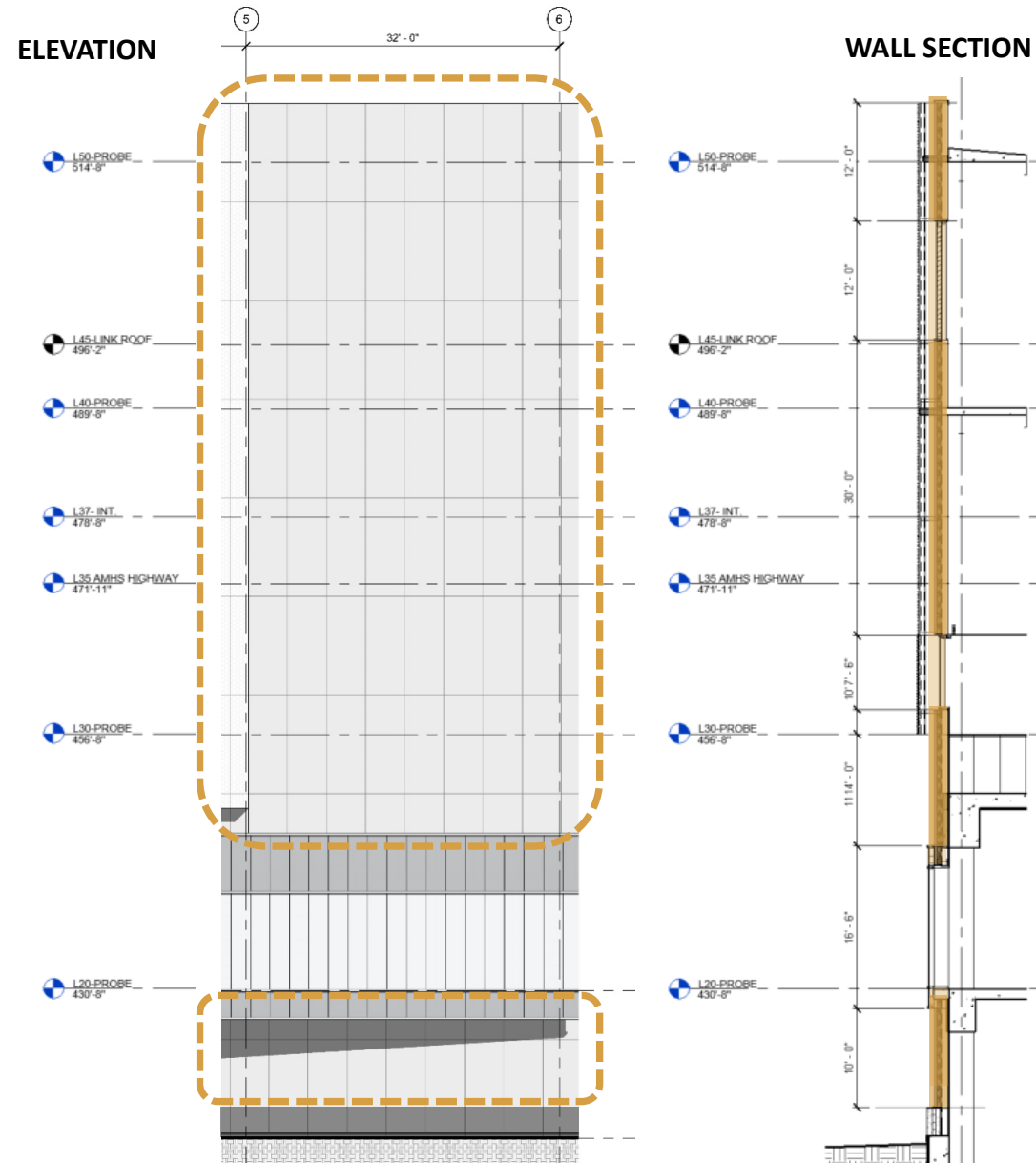
WALL SECTION





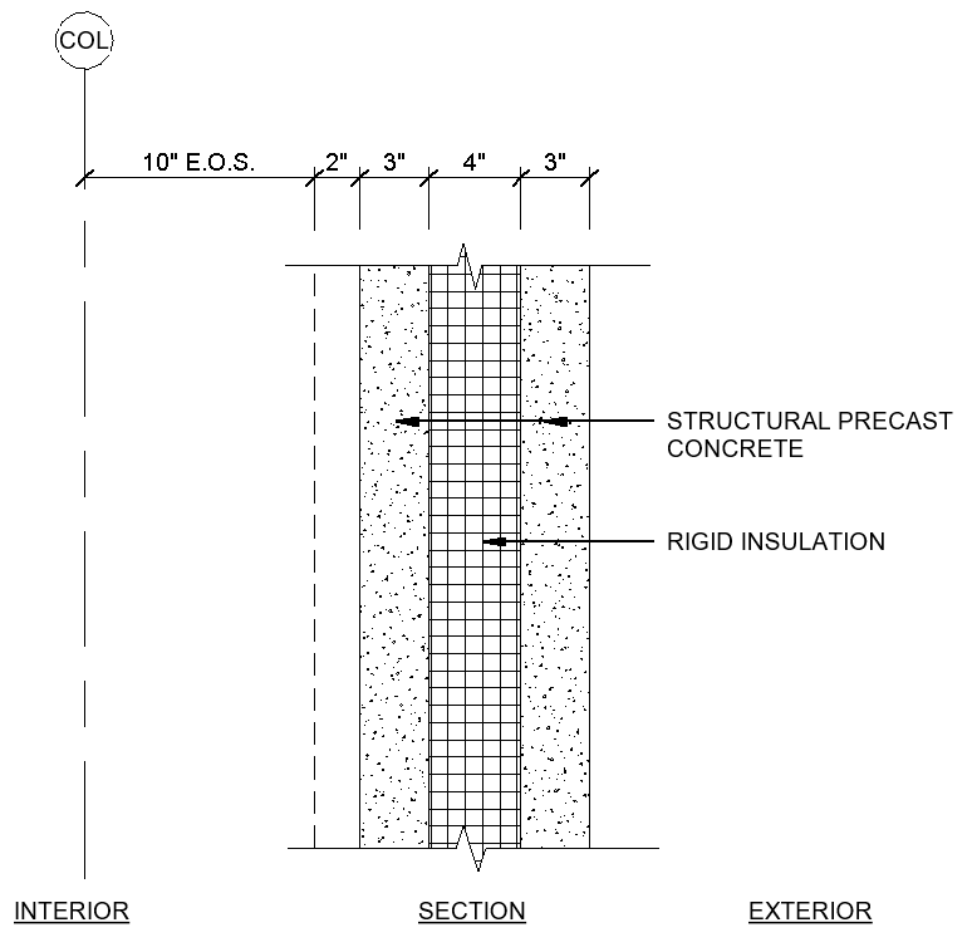
METAL PANEL RAINSCREEN- FOH

ILLUSTRATIVE ELEVATIONS



INSULATED PRECAST PANEL - FOH

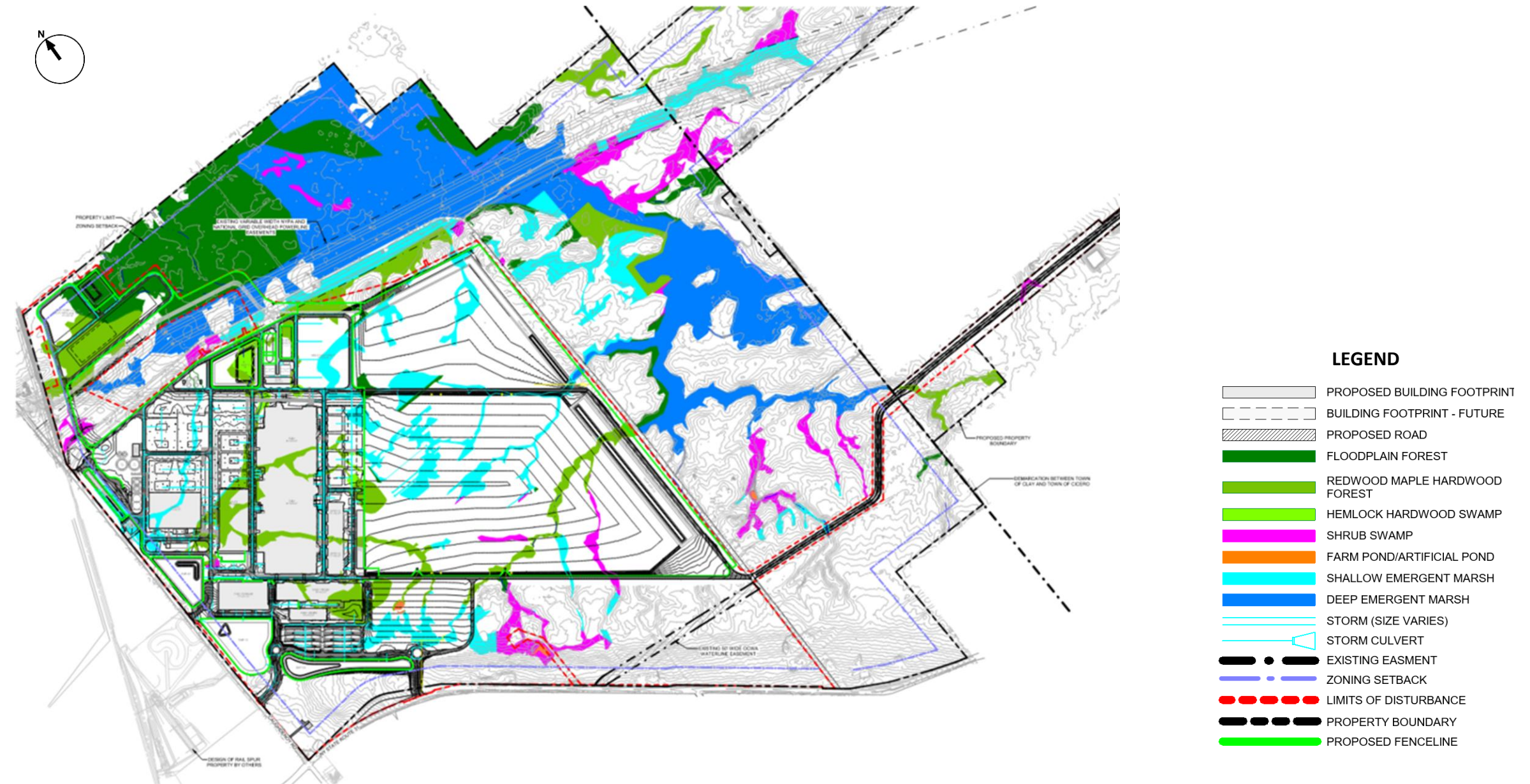
TYPICAL DETAIL



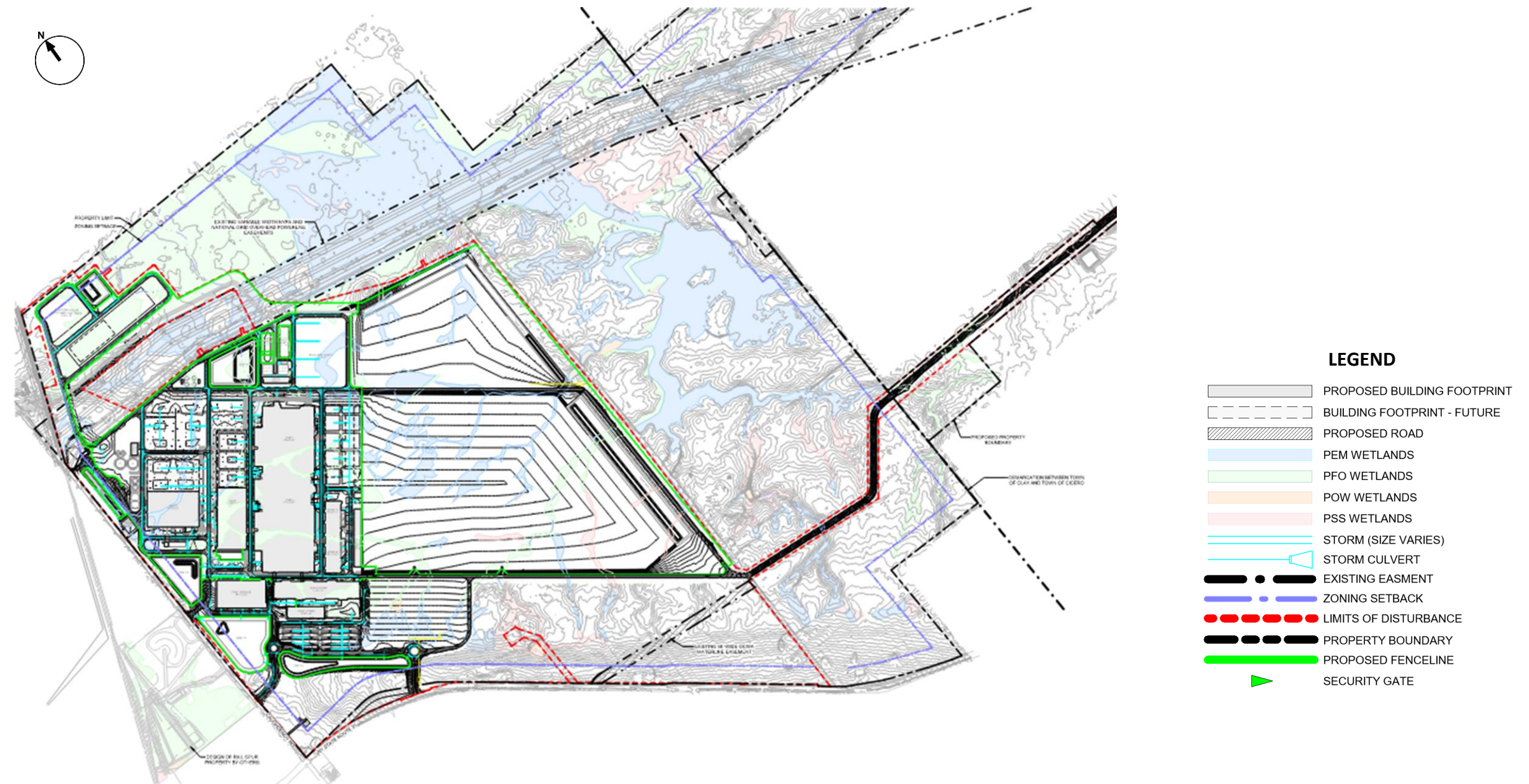
SUPPORTING SITE PLANNING DIAGRAMS

- STORM DRAINAGE – EDINGER WETLANDS
- STORM DRAINAGE – COWARDIN WETLANDS
- UTILITY CORRIDORS
- CIRCULATION
- DUMPSTERS
- FIRE RESPONSE
- WATER MANAGEMENT
- LIGHTING
- CONSTRUCTION LOGISTICS
- SITE AND EXTERIOR SIGNAGE

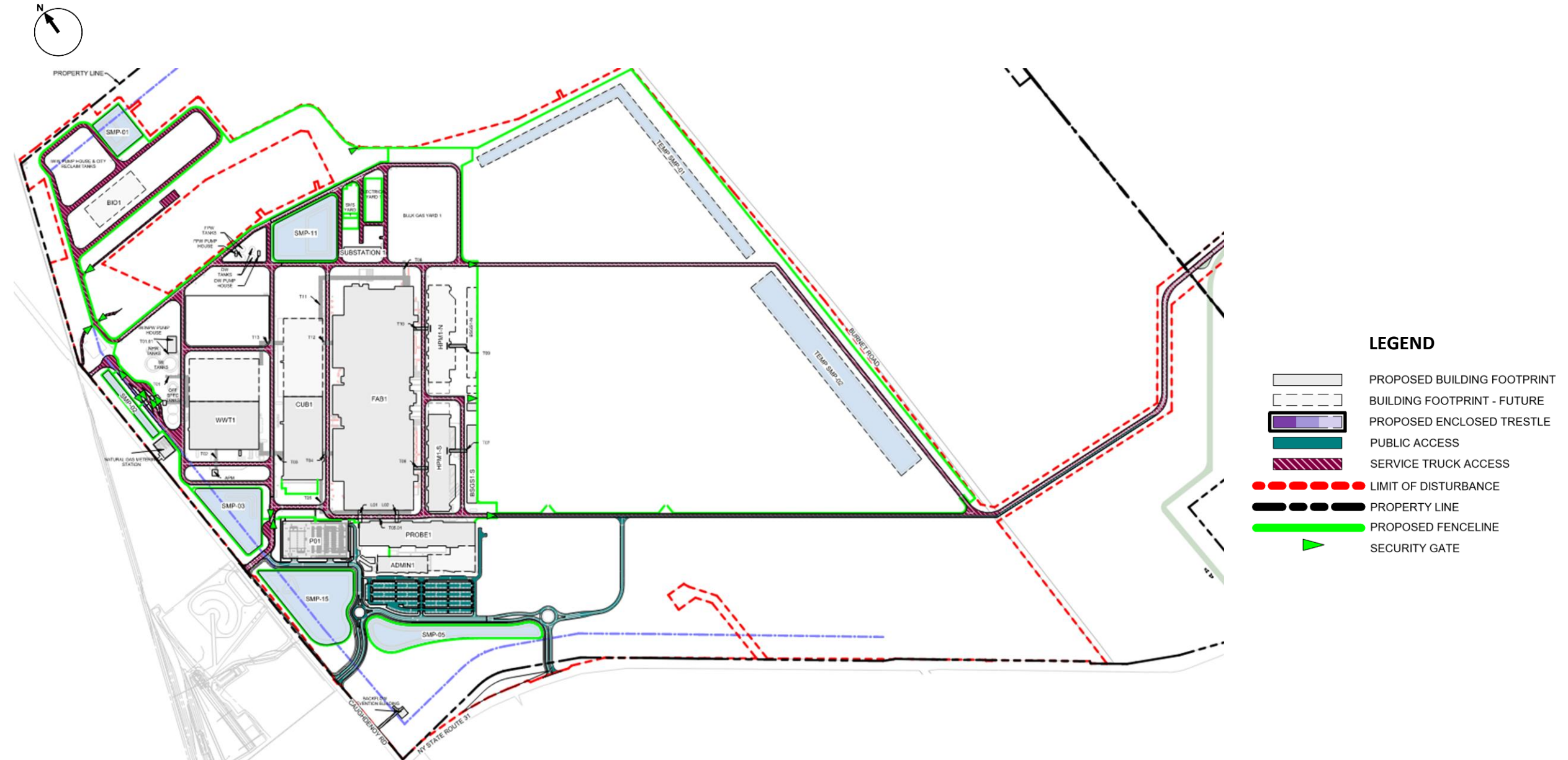
STORM DRAINAGE – EDINGER WETLANDS



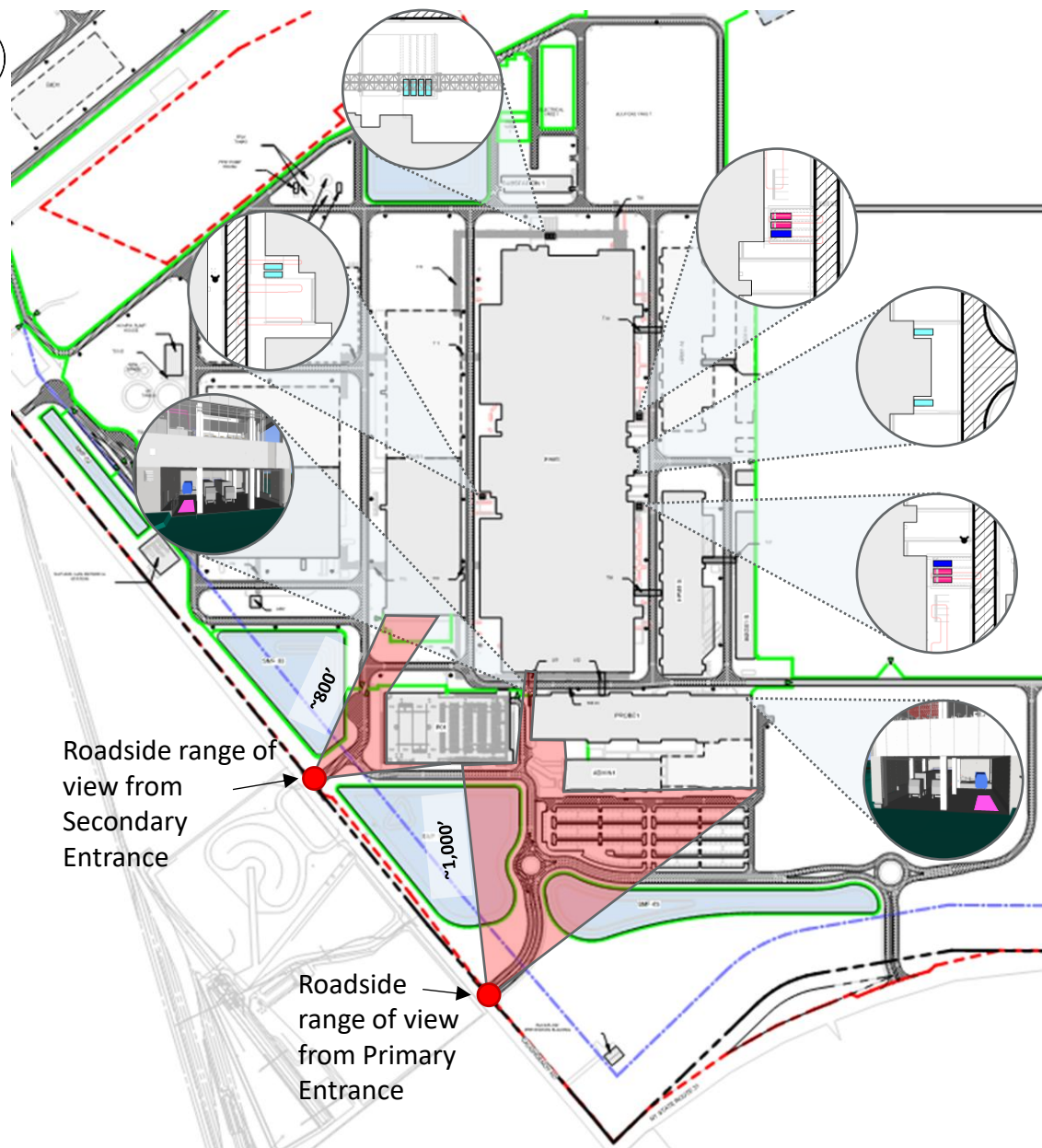
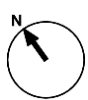
STORM DRAINAGE – COWARDIN WETLANDS





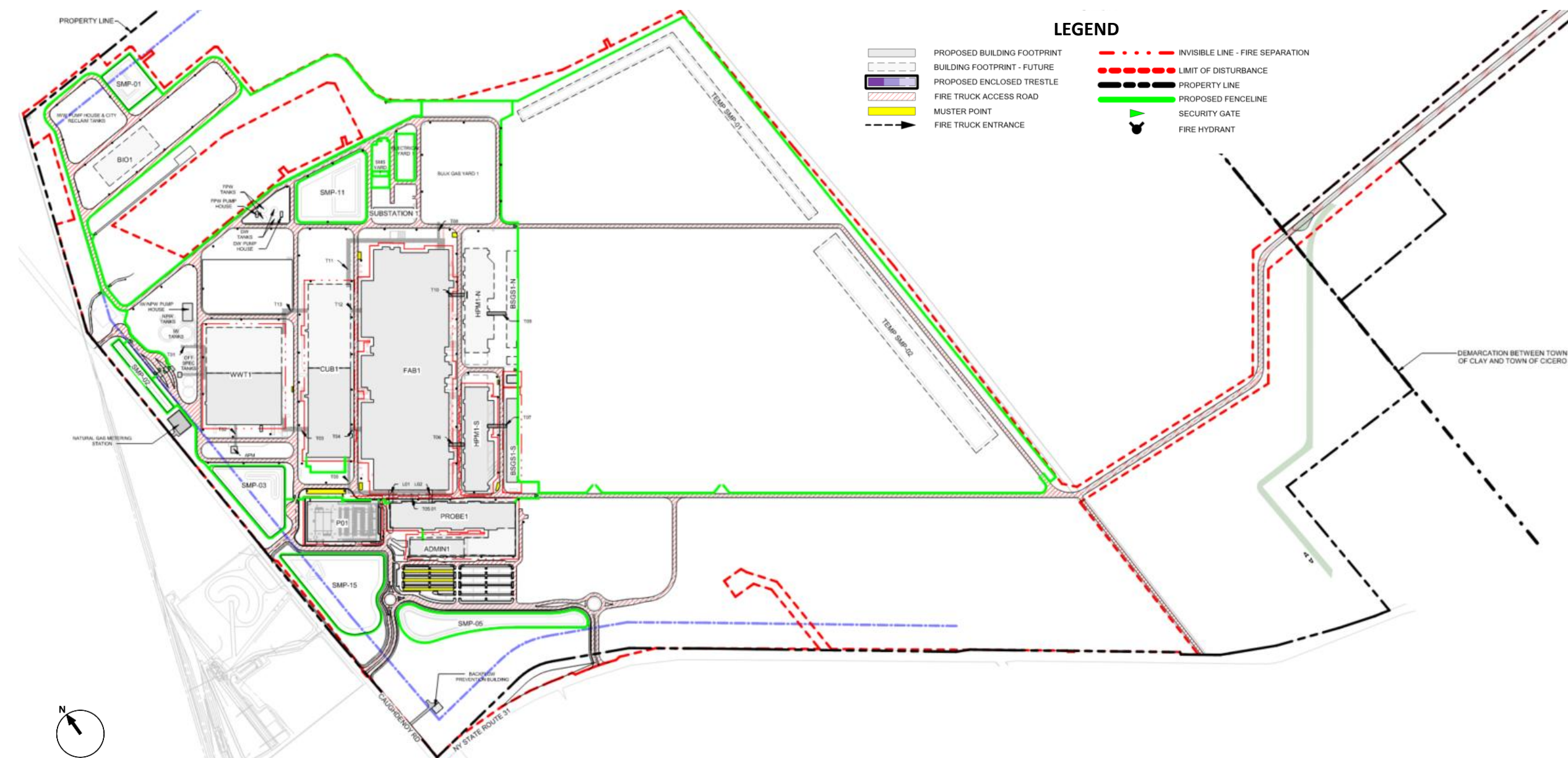


DUMPSTER LOCATIONS



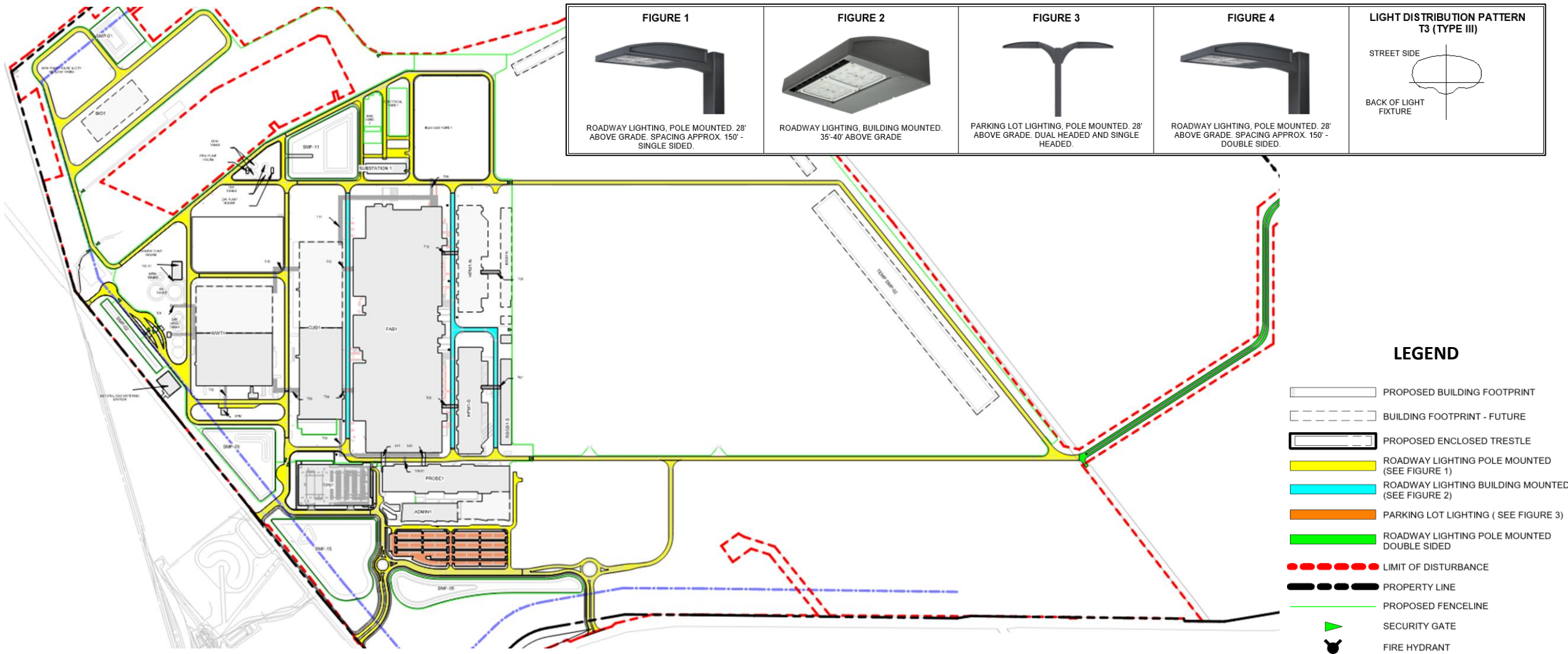
LEGEND

	PROPOSED BUILDING FOOTPRINT		LIMIT OF DISTURBANCE
	BUILDING FOOTPRINT - FUTURE		PROPERTY LINE
	PROPOSED ENCLOSED TRESTLE		PROPOSED FENCELINE
	DUMPSTER		SECURITY GATE
	RECYCLE DUMPSTER		
	POWERED GARBAGE COMPACTOR		
	PROPOSED DETENTION AREA		
	TEMPORARY DETENTION AREA		
	PROPOSED ROAD		

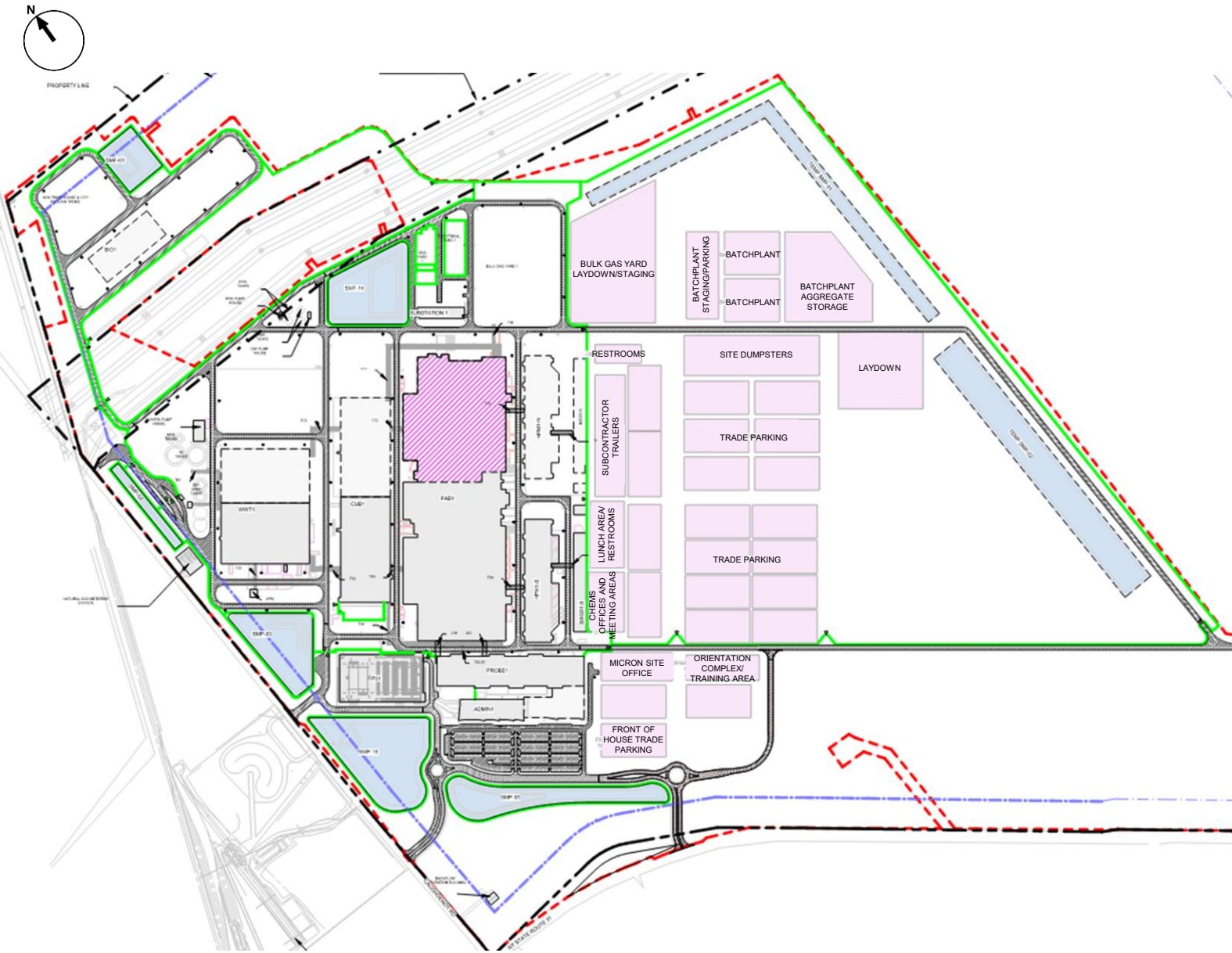




SITE LIGHTING FIXTURES AND HEIGHTS



CONSTRUCTION LOGISTICS



LEGEND

- PROPOSED BUILDING FOOTPRINT
- BUILDING FOOTPRINT - DEFERRED
- PHASE 1 - WARM SHELL SCOPE
- PROPOSED ENCLOSED TRESTLE
- PHASE 1 TEMPORARY CONSTRUCTION AREA
- PROPOSED DETENTION AREA
- TEMPORARY DETENTION AREA
- PROPOSED ROAD
- LIMIT OF DISTURBANCE
- PROPERTY LINE
- SECURITY FENCE
- ZONING SETBACK
- PROPOSED FENCELINE
- FIRE HYDRANT



LEGEND

- | | | | |
|--|-----------------------------|--|----------------------|
| | PROPOSED BUILDING FOOTPRINT | | LIMIT OF DISTURBANCE |
| | BUILDING FOOTPRINT - FUTURE | | PROPERTY LINE |
| | PROPOSED ENCLOSED TRESTLE | | PROPOSED FENCELINE |
| | PROPOSED DETENTION AREA | | SECURITY GATE |
| | TEMPORARY DETENTION AREA | | FIRE HYDRANT |
| | PROPOSED ROAD | | |
| | PROPOSED SIGNAGE | | |

SIGNAGE TYPES

Arrival Experience

Welcomed visitors and employees with Micron logo to confirm their arrival to Micron facility. Use one or more of the following sign types:

Micron Logo

- CL Building Top Identity
- S2 Monument Logo Identity
- S6 Vehicular Directional, Type 1 (Micron Logo)

Landmark [visitor facing only]

- L1 "m" Landmark
- L2 Light Bar Landmark

Parking Experience

Navigate visitors and employees to the parking area nearest to their building destinations. Use one or more of the following sign types:

Parking Related Signs

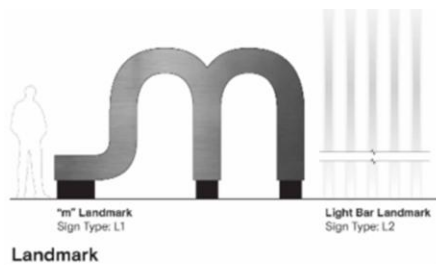
- P1/P2 Parking Monument Identity
- P3 Parking Zone Identity
- P4 Parking Garage Identity, Overhead
- P5 Parking Garage Identity, Blade

Building Arrival Experience

Confirm building arrival with bold and clear building number. Use one or more of the following sign types:

Building Identifications

- S3 Building Monument Identity
- S4 Building Identity, Building Mounted
- S5 Building Entry Door Identity



micron

Building Top Logo Identity
Sign Type: CL

micron

Monument Logo Identity
Sign Type: S2

36

8200

Building Monument
Identity
Sign Type: S3

Bldg
17C

Building Identity,
Building Mounted
Sign Type: S4

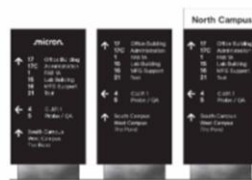
Landmark

Identity



Building Entry Door Identity
Sign Type: S5

Identity



Vehicular Directional System
Sign Type: S6, S7, S8, S9

Directional



Pedestrian Directional
Sign Type: S10, S11

Directional



Parking Monument Identity
Sign Type: P1, P2

Parking



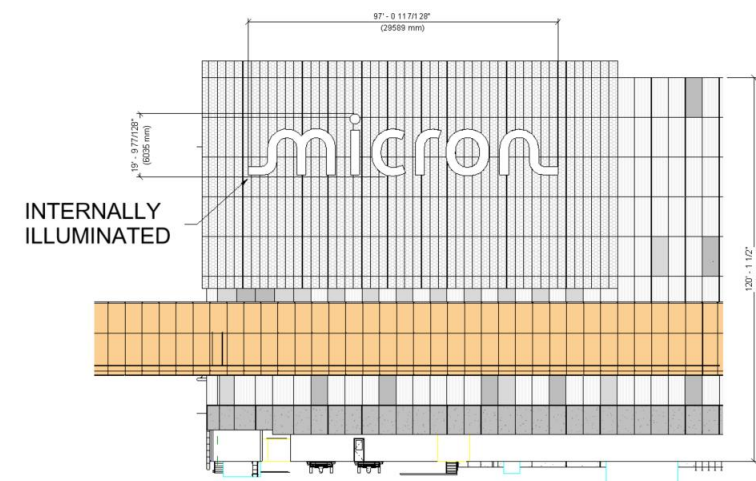
Parking Zone Identity
Sign Type: P3

Parking

Parking Garage Identity, Blade
Sign Type: P5

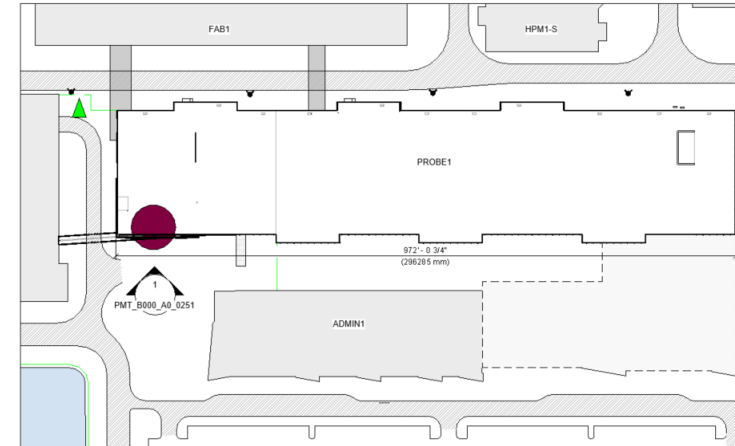
Parking

Parking Garage Identity, Overhead
Sign Type: P4



1 ELEVATION - PROBE BUILDING MOUNTED IDENTITY SIGNAGE

1" = 20'-0"



2 FLOOR PLAN - PROBE SIGNAGE ELEVATION REFERENCE

1" = 100'-0"

PROPOSED VARIANCES

- REQUIRED LOADING DOCKS
- PARKING
- FENCING HEIGHT
- SITE SETBACK
- PRIMARY AND SECONDARY STRUCTURES

VARIANCE- REQUIRED LOADING DOCKS (ZBA CASE #1988)



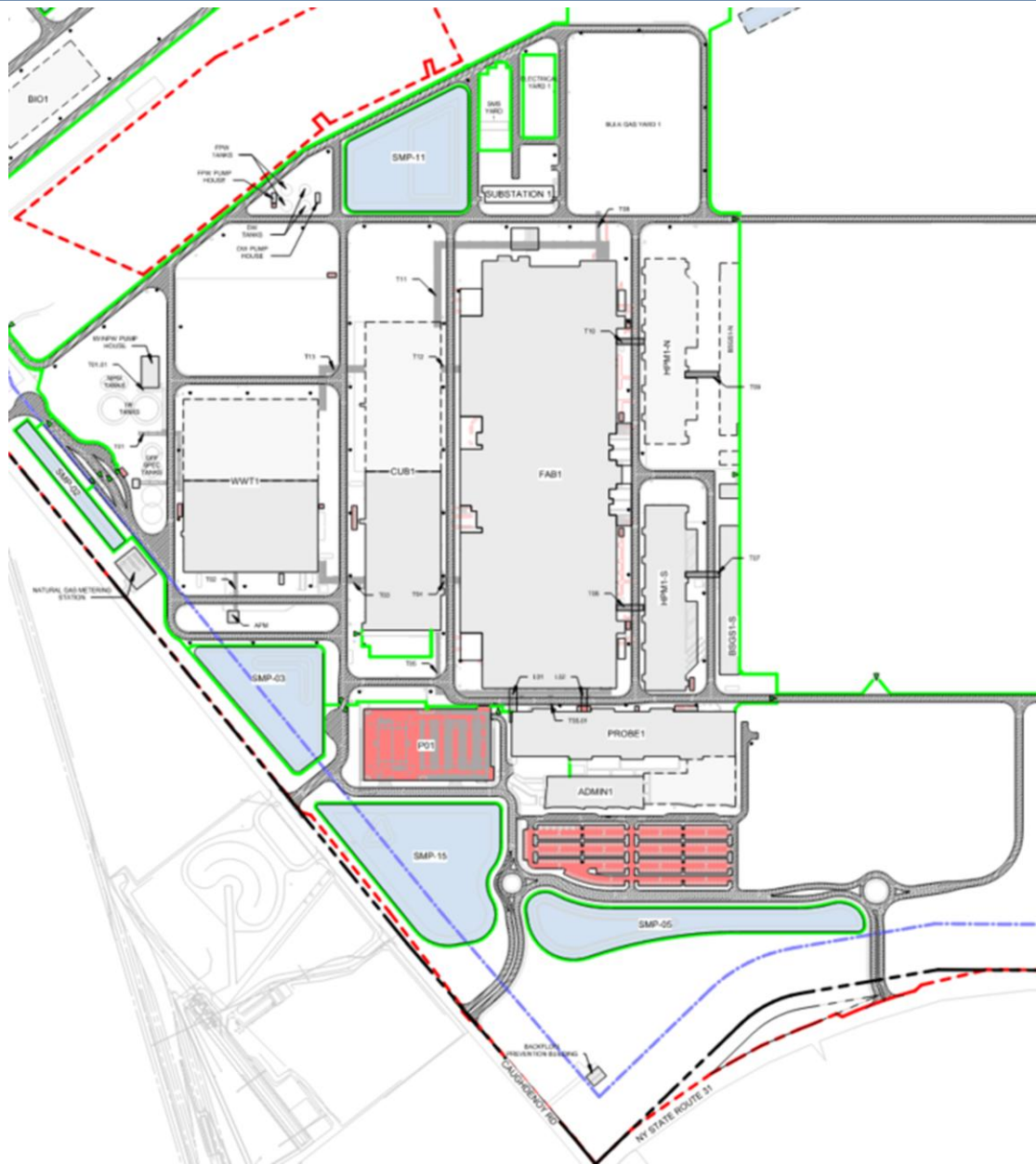
LOADING DOCK SUMMARY

	REQUIRED	PROVIDED
ADMIN/PROBE	32	9
FAB	130	19
CUB (MOD 1 & 2)	25	1
HPM1-S	8	3
BSGS1-S	2	0
HPM1-N	8	3
BSGS1-N	2	0
WWT (MOD 1 & 2)	45	1
TOTAL	252	36

LEGEND

	PROPOSED BUILDING FOOTPRINT		LIMIT OF DISTURBANCE
	BUILDING FOOTPRINT - FUTURE		PROPERTY LINE
	PROPOSED ENCLOSED TRESTLE		SETBACK LINE
	PROPOSED TRUCK OFFLOADING AREA		PROPOSED FENCELINE
	PROPOSED DETENTION AREA		SECURITY GATE
	TEMPORARY DETENTION AREA		
	PROPOSED ROAD		

VARIANCE- PARKING (ZBA CASE #1988)



PARKING SUMMARY

	REQUIRED	PROVIDED
ADMIN/PROBE	3,852	
FAB	15,698	
CUB (MOD 1 & 2)	2,498	
HPM1-S	856	
BSGS1-S	208	
HPM1-N	856	
BSGS1-N	208	
WWT (MOD 1 & 2)	5,392	
TOTAL	29,568	3,005 (19 MOTORCYCLE, 10 GOLF CART)

LEGEND

	PROPOSED BUILDING FOOTPRINT		LIMIT OF DISTURBANCE
	BUILDING FOOTPRINT - FUTURE		PROPERTY LINE
	PROPOSED ENCLOSED TRESTLE		SETBACK LINE
	PROPOSED PARKING		PROPOSED FENCELINE
	PROPOSED DETENTION AREA		SECURITY GATE
	TEMPORARY DETENTION AREA		
	PROPOSED ROAD		

VARIANCE- FENCING HEIGHT (ZBA CASE #1988)

TOWN OF CLAY ZONING CODE § 230-17(D)(5)

- [2] Any open storage of materials or waste shall be screened from view from all property lines with a seven-foot-high fence, hedge or similar opaque barrier. Such screening shall comply with applicable setbacks.

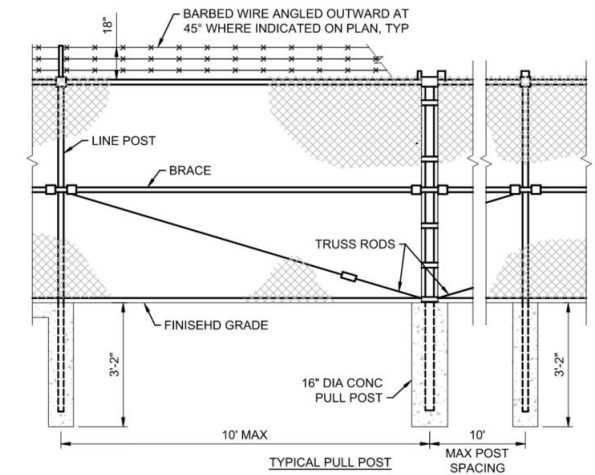
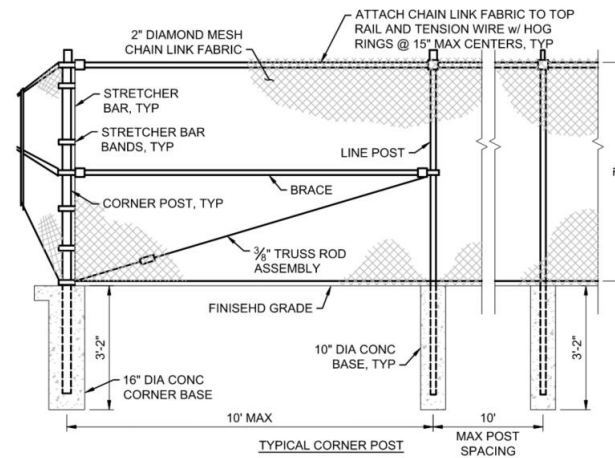
The proposed fence design is a 7' tall chain link perimeter fence, with 18" of barbed wire on top. The total fence height is 8.5'.



EXCERPT FROM ZONING BOARD OF APPEALS NARRATIVE - SECTION II-C, REQUEST NO.3

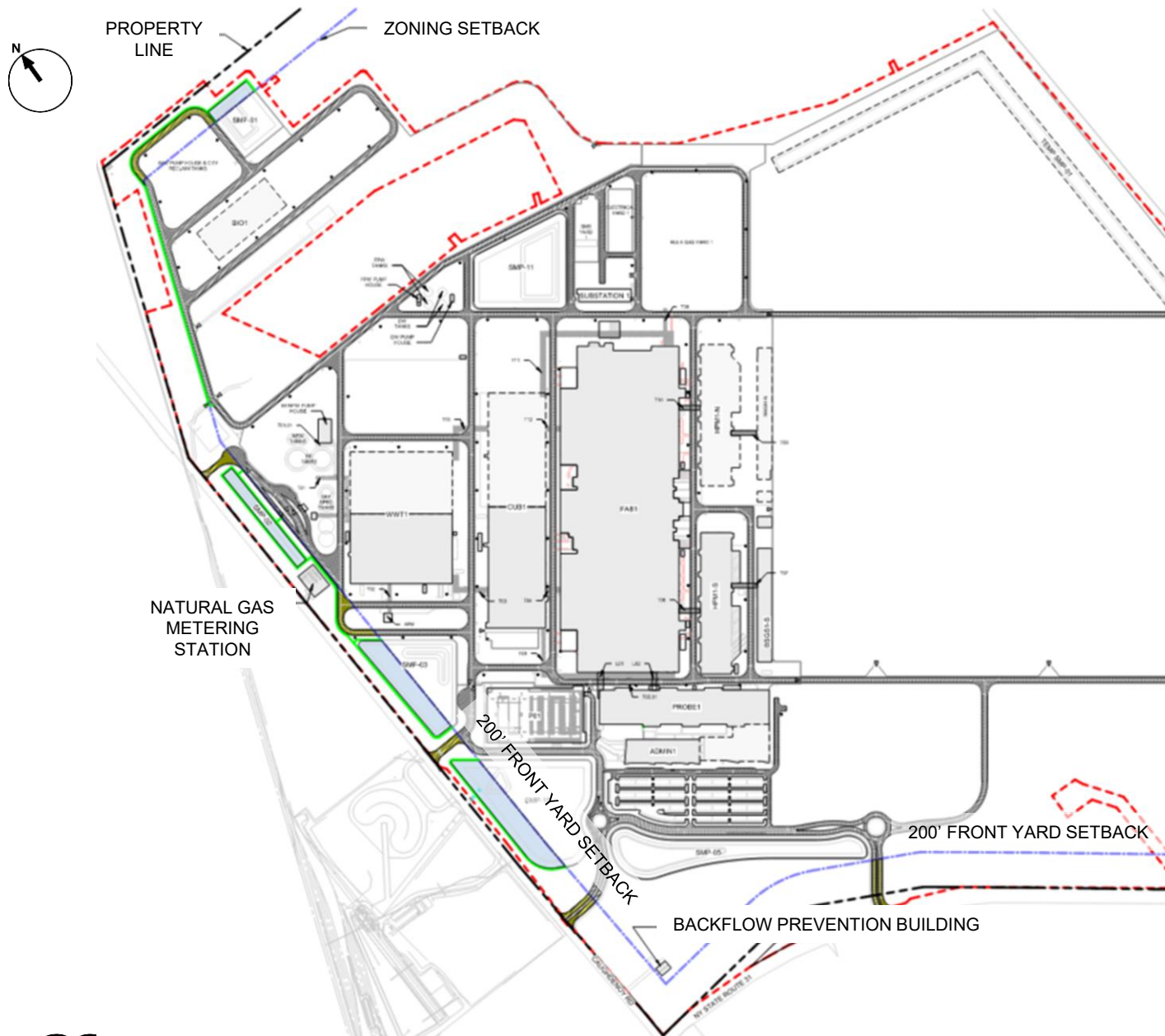
Micron's security standard cannot be met by other means because a shorter fence does not provide sufficient deterrence against unauthorized access to the site. A taller perimeter fence must be used in addition to security cameras, badging and metal detectors as the first line of protection for Micron's workers, its guests, and the public.

The request for use of a higher fence is not substantial in the I-2 zone, where it is common to have taller perimeter fencing, proportionate to the industrial use and operational security of manufacturing and other industrial businesses.



13 CHAIN LINK FENCE
NTS

VARIANCE- SITE SETBACK (ZBA CASE #1988)



LEGEND

- | | | | |
|--|---|--|-----------------------------------|
| | PROPOSED BUILDING FOOTPRINT | | LIMIT OF DISTURBANCE |
| | BUILDING FOOTPRINT - FUTURE | | PROPERTY LINE |
| | PROPOSED ENCLOSED TRESTLE | | PROPERTY SETBACK |
| | TEMPORARY DETENTION AREA | | PROPOSED FENCELINE |
| | PROPOSED ROAD | | SECURITY GATE |
| | PROPOSED ROAD LIGHTING OUTSIDE SETBACK | | PROPOSED FENCELINE WITHIN SETBACK |
| | PROPOSED DETENTION AREA OUTSIDE SETBACK | | SECURITY GATE WITHIN SETBACK |
| | RAIL SPUR FOUNDATIONS | | |

VARIANCE- PRIMARY AND SECONDARY STRUCTURES (ZBA CASE #1988)

Accessory Structure: A structure or mechanical equipment or decorative device attached or detached from the principal structure.

PRIMARY AND ACCESSORY STRUCTURES

PRIMARY STRUCTURES	ACCESSORY STRUCTURES
FAB BUILDING	PARKING GARAGE 1
CUB BUILDING	SURFACE PARKING LOT 2
PROBE BUILDING	GUARD HOUSE 3
ADMIN BUILDING	ELECTRICAL YARD 4
WWT BUILDING	PUMP HOUSES 5
HMP BUILDING	TANK YARD 6
BSGS YARD	SUBSTATION 7
BULK GAS YARD	SECURITY FENCE 8
	MONUMENT SIGN 9
	RAIL SPUR FOUNDATIONS 10

LEGEND

	PROPOSED PRIMARY STRUCTURES		LIMIT OF DISTURBANCE
	PROPOSED ACCESSORY STRUCTURES		PROPERTY LINE
	PROPOSED DETENTION AREA		SETBACK LINE
	TEMPORARY DETENTION AREA		PROPOSED FENCELINE BEHIND SETBACK LINE
	PROPOSED ROAD		PROPOSED FENCELINE WITHIN SETBACK
	MONUMENT SIGN		
	RAIL SPUR FOUNDATIONS		



PERMITTING DRAWING LIST

PERMITTING DRAWING LIST

- Full size Project Permitting Drawings are on file with the Town of Clay, New York.
- Issued for Permit – August 28th, 2025

DRAWING	DRAWING TITLE
Site Plan Application & Exist. Conditions	
SITE PLAN APPLICATION AND DISCLOSURE AFFIDAVIT	
REFERENCE SPREADSHEET - OUTLINES SPA SUBMITTAL REQUIREMENTS AND CORRESPONDING REFERENCE MATERIAL	
COPY OF CURRENT DEED WITH LEGAL DESCRIPTION	
EXISTING EASEMENT DOCUMENT - SITE SURVEY	
PMT_B000_A0_0100	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL OVERALL PLAN EXISTING SITE AND SCOPE OF WORK
0	08/28/2025

DRAWING	DRAWING TITLE
Site Master Plan	
PMT_B000_A0_0110	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN ALL PHASES
0	08/28/2025
PMT_B000_A0_0111	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN ALL PHASES
0	08/28/2025
PMT_B000_A0_0112	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN PHASE 1
0	08/28/2025

DRAWING	DRAWING TITLE
Project Visualization	
PMT_B000_A0_0150	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL OVERALL SITE VIEW
0	08/28/2025
PMT_B000_A0_0151	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION OVERALL PLAN VIEW
0	08/28/2025
PMT_B000_A0_0152	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION OVERALL LOOKING NORTHEAST
0	08/28/2025
PMT_B000_A0_0153	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION OVERALL LOOKING SOUTHWEST
0	08/28/2025
PMT_B000_A0_0154	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE FRONT OF HOUSE (OFFICE)
0	08/28/2025
PMT_B000_A0_0155	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE GROUND VIEW OF WW11 LOOKING NORTH
0	08/28/2025
PMT_B000_A0_0156	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE GROUND VIEW OF FAB1 LOOKING SOUTH
0	08/28/2025
PMT_B000_A0_0157	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE STREET VIEW FROM XX
0	08/28/2025
PMT_B000_A0_0158	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE STREET VIEW FROM XX
0	08/28/2025
PMT_B000_A0_0159	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE STREET VIEW FROM XX
0	08/28/2025
PMT_B000_A0_0160	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE STREET VIEW FROM XX
0	08/28/2025
PMT_B000_A0_0161	000 - SITE - ARCHITECTURAL PROJECT VISUALIZATION PERSPECTIVE STREET VIEW FROM XX
0	08/28/2025

DRAWING	DRAWING TITLE
Site Plan and Project Elements	
PMT_B000_A0_0200	000 - SITE - ARCHITECTURE STORM DRAINAGE OVERALL PLAN EDINGER WETLANDS
0	08/28/2025
PMT_B000_A0_0201	000 - SITE - ARCHITECTURE STORM DRAINAGE OVERALL PLAN COWARDIN WETLANDS
0	08/28/2025
PMT_B000_A0_0202	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN UTILITY CORRIDORS
0	08/28/2025
PMT_B000_A0_0203	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN CIRCULATION
0	08/28/2025
PMT_B000_A0_0204	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN DUMPSTERS
0	08/28/2025
PMT_B000_A0_0205	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN FIRE RESPONSE
0	08/28/2025
PMT_B000_A0_0206	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN WATER MANAGEMENT
0	08/28/2025
PMT_B000_A0_0207	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN LIGHTING
0	08/28/2025
PMT_B000_A0_0208	000 - SITE - ARCHITECTURE SITE PLAN APPROVAL OVERALL PLAN CONSTRUCTION LOGISTICS
0	08/28/2025
PMT_B000_A0_0250	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL OVERALL PLAN SIGNAGE
0	08/28/2025
PMT_B000_A0_0251	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL ELEVATIONS AND DETAILS SIGNAGE
0	08/28/2025

DRAWING	DRAWING TITLE
Overall Building Elevs.	
111_B000_A0_7400	111 - FAB - ARCHITECTURAL
0	08/28/2025
111_B000_A0_7401	111 - FAB - ARCHITECTURAL EXTERIOR ELEVATIONS
0	08/28/2025
111_B000_A0_7402	111 - FAB - ARCHITECTURAL EXTERIOR ELEVATIONS
0	08/28/2025
121_B000_A0_7400	121 - CUB - ARCHITECTURAL ELEVATIONS
0	08/28/2025
121_B000_A0_7401	121 - CUB - ARCHITECTURAL ELEVATIONS
0	08/28/2025
131_B000_A0_7400	131 - RPM - ARCHITECTURAL OVERALL EXTERIOR ELEVATIONS
0	08/28/2025
141_B000_A0_7401	141 - ADMIN - ARCHITECTURAL OVERALL EXTERIOR ELEVATIONS
0	08/28/2025
151_B000_A0_7400	151 - PROBE - ARCHITECTURAL OVERALL EXTERIOR ELEVATIONS
0	08/28/2025
161_B000_A0_7400	161 - WW1 - ARCHITECTURAL OVERALL ELEVATIONS
0	08/28/2025
161_B000_A0_7401	161 - WW1 - ARCHITECTURAL OVERALL ELEVATIONS
0	08/28/2025

DRAWING	DRAWING TITLE
Proposed Variances	
PMT_B000_A0_0300	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL OVERALL PLAN VARIANCE - REQUIRED LOADING DOCKS
0	08/28/2025
PMT_B000_A0_0301	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL OVERALL PLAN VARIANCE - PARKING
0	08/28/2025
PMT_B000_A0_0302	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL OVERALL PLAN VARIANCE - SITE SETBACK
0	08/28/2025
PMT_B000_A0_0303	000 - SITE - ARCHITECTURAL SITE PLAN APPROVAL OVERALL PLAN VARIANCE - PRIMARY AND ACCESSORY STRUCTURES
0	08/28/2025

DRAWING	DRAWING TITLE
Landscape Concept and Elements	
PMT_B000_L0_0200	000 - SITE - LANDSCAPE SITE PLAN APPROVAL OVERALL LANDSCAPE PLAN
0	08/28/2025
PMT_B000_L0_0201	000 - SITE - LANDSCAPE SITE PLAN APPROVAL ENLARGEMENT PLANS 1
0	08/28/2025
PMT_B000_L0_0202	000 - SITE - LANDSCAPE SITE PLAN APPROVAL ENLARGEMENT PLANS 2
0	08/28/2025
PMT_B000_L0_0203	000 - SITE - LANDSCAPE SITE PLAN APPROVAL ENLARGEMENT PLANS 3
0	08/28/2025
PMT_B000_L0_0204	000 - SITE - LANDSCAPE SITE PLAN APPROVAL PLANTING DETAILS
0	08/28/2025
PMT_B000_L0_0205	000 - SITE - LANDSCAPE SITE PLAN APPROVAL NOTES & SCHEDULES
0	08/28/2025