

Total Site Area	9.80 Ac	
Total Substation Area	4.08 Ac	
Total Stormwater Areas	0.85 Ac	
Total Lake Highland Water Treatment Plant Upgrade Ozone and Granular Activated Carbon	3.15 Ac	
Future Alden Road ROW/Trail/Rail Road	1.72 Ac	
Existing Zoning	PD	
Proposed Zoning	P	
Existing Land Use	Urban Village	
Proposed Land Use	PBI	
Proposed Building Area	0.03 Ac	1,469 sf

Adjacent Zoning & Future Land Use		
North	P/T	Public/Recreational and Institutional
East	PD/T	Public/Recreational and Institutional & Conservation
South	PD/T	Office, High Intensity
West	AC-3A/T	Downtown Activity Center

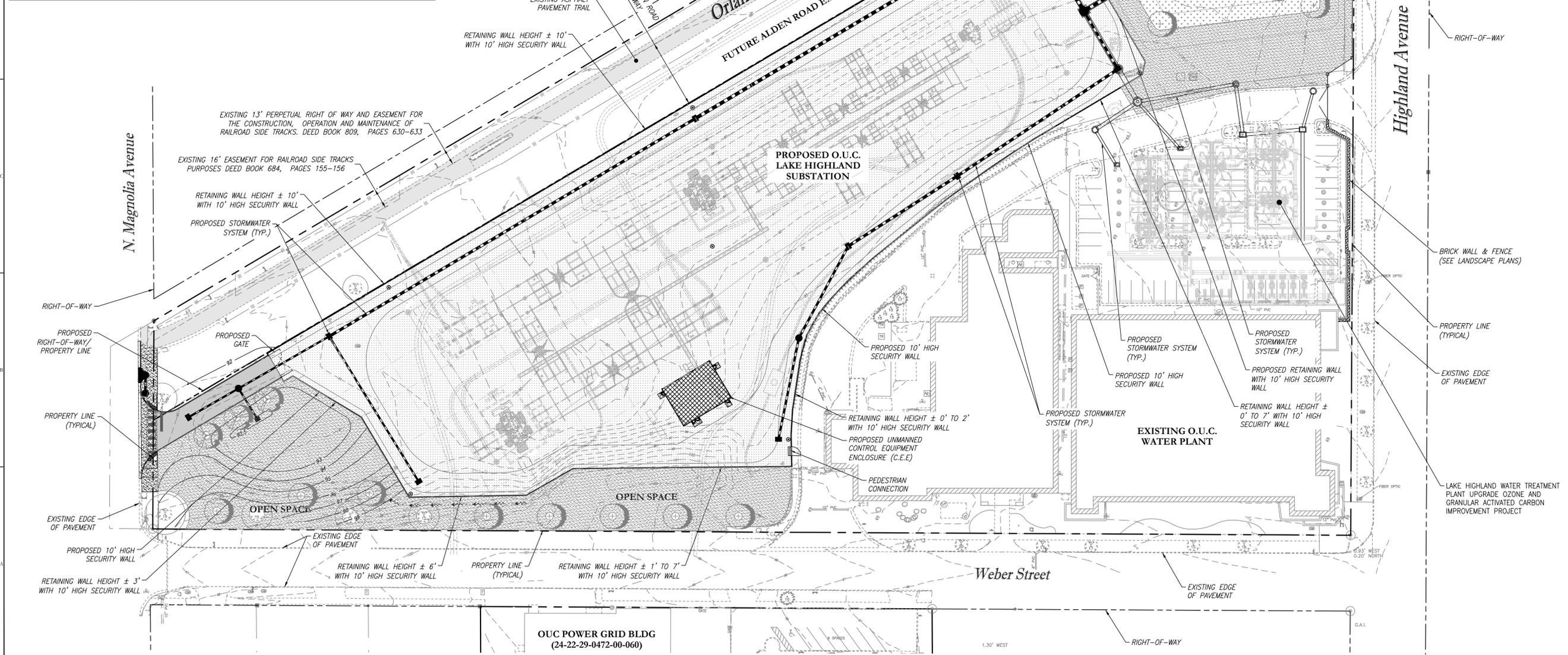
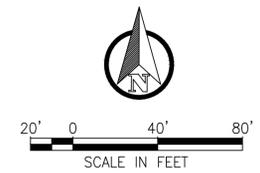
Soils	50	Urban Land
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Topographic Survey	Survey prepared by Southeastern Surveying & Mapping Corp, Drawing No. 60654001, dated 09/07/2018. Vertical Datum NAVD 88.
Landscape	Final landscape plans are required to be submitted for review and approval prior to landscape construction. Landscape plans to be in accordance with City of Orlando Zoning.
Storm Water Management	This development shall comply with the St. Johns River Water Management District permit and City of Orlando criteria for water quality requirements and peak storm attenuation, Ch. 63, Part 2H, Sec. 63.270.
Utilities	Water and Electric Service to be provided by Orlando Utilities Commission and Sewer & Reclaimed Water Service to be provided by City of Orlando. All on-site water, sewer and reclaimed mains to be privately owned, operated and maintained.
Lighting	Site Lighting shall be provided in accordance with Chapter 63, Part 2M of the City of Orlando Land Development Code (LDC).
Signage	Site Signage shall be provided in accordance with Chapter 64, Part 2C, Sec. 64.257 of the City of Orlando Land Development Code (LDC).
Fire Protection	Fire Protection requirements will comply with City of Orlando, Fire Department Safety Management Division. Fire protection system and fire hydrants to be designed and installed by a licensed fire protection designer and contractor to meet 18.5.2 NFPA 1 (FFPC 8th Edition).

**LEGEND**

	PROPERTY LINE		SUBSTATION YARD
	RIGHT-OF-WAY LINE (R.O.W)		EXISTING ASPHALT PAVEMENT TRAIL
	BUILDING SETBACK LINE		PROPOSED ASPHALT PAVEMENT (REFER TO SHEET C3.10)
	LANDSCAPE BUFFER LINE		PROPOSED UNMANNED CONTROL EQUIPMENT ENCLOSURE (C.E.E.)
	ADJACENT PROPERTY LINE		PROPOSED RETAINING WALL WITH 10' HIGH SECURITY WALL
	POND NCL		PROPOSED 10' HIGH SECURITY WALL
	EXISTING TRAIL FENCE		PROPOSED BRICK WALL & FENCE (REFER TO LANDSCAPE PLANS)
	EXISTING WATERMAIN LINE		PROPOSED WROUGHT IRON FENCE WITH PILASTERS (REFER TO LANDSCAPE PLANS)
	EXISTING FIBER OPTIC LINE		EXISTING TREES
	EXISTING ELECTRIC LINE		PROPOSED GATE FOR PEDESTRIAN CONNECTION
	EXISTING GAS MAIN LINE		PROPOSED GATE FOR PEDESTRIAN CONNECTION
	EXISTING TELEPHONE LINE		
	EXISTING OVER HEAD WIRES		
	EXISTING CONTOUR		
	PROPOSED CONTOUR		



Consultant:

NO.	DATE	DESCRIPTION
		SUBMISSIONS/REVISIONS
		VERTICAL DATUM: NAVD 88
		JOB NO.: 17-011
		DESIGNED BY: RA
		DRAWN BY: RA/SA
		CHECKED BY: RA
		APPROVED BY: JTP
		SCALE IN FEET: 1" = 40'

Project Name:  
**OUC LAKE HIGHLAND SUBSTATION**

Jurisdiction:  
 CITY OF ORLANDO, FL

Sheet Title:  
**CONDITIONAL USE PLAN**

Sheet No.:  
**C2.00**

Scale:  
 RAVALIL L. AROQUINA  
 P.E. NO. 007282  
 DATE: February 16, 2026

**PAPE-DAWSON**  
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 FLORIDA ENGINEERING FIRM #0191 | FLORIDA SURVEYING FIRM #6894

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