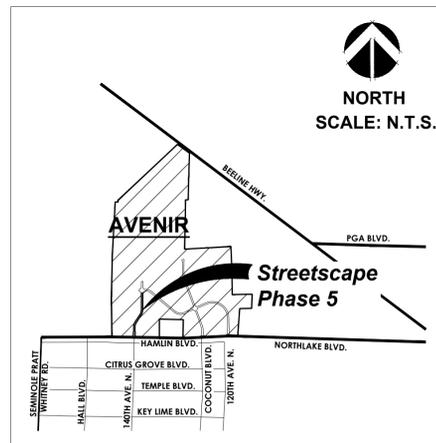


Panther National Blvd. (Spine Road #8)

PCD Entry Feature - Site and Accent Lighting Plans

Palm Beach Gardens, Florida

LOCATION MAP



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DEVELOPMENT TEAM

CIVIL ENGINEER: BALLBE & ASSOCIATES 2737 NORTHEAST 30TH PLACE FORT LAUDERDALE, FL 33306 (954) 491-7811	TRAFFIC ENGINEER: O'ROURKE ENGINEERING & PLANNING 22 SE SEMINOLE STREET STUART, FL 34994 (772) 781-7918
SURVEYOR: ASSOCIATED LAND SURVEYORS, INC. 4152 W. BLUE HERON BOULEVARD RIVIERA BEACH, FL 33404 (561) 848-2102	LIGHTING: MAIN STREET ENGINEERING/LIGHTWORKS, INC. 7035 SW 47TH STREET, SUITE A MIAMI, FL 33155 (305) 456-3505
SITE PLANNER & LANDSCAPE ARCHITECT: URBAN DESIGN STUDIO 610 CLEMATIS STREET, SUITE CU02 WEST PALM BEACH, FL 33401 (561) 366-1100	ENTRY FEATURE ARCHITECT: RANDALL STOFFT ARCHITECTS 42 NORTH SWINTON AVE. DELRAY BEACH, FL 33444 (561) 243-0799

SITE DATA

PETITION NUMBER:	TBD
PROJECT NAME:	PANTHER NATIONAL ENTRY FEATURE
LAND USE DESIGNATION:	R/W - BUFFER
ZONING DESIGNATION:	PCD
SECTION/TOWNSHIP/RANGE:	16/42/41 and 17/42/41
PCN:	52-44-11-28-01-001-0131
AFFECTED ACREAGE:	2.04 AC.

GENERAL NOTES

- BASE INFORMATION FOR THIS SITE PLAN IS FROM THE AVENIR POD 20 PLAT SURVEY PREPARED AND PROVIDED BY CAUFIELD & WHEELER, WHICH WAS RECORDED MARCH 3, 2023.
- LANDSCAPING SHALL BE FIELD ADJUSTED TO AVOID CONFLICTS WITH UTILITIES AND LIGHT POLES.
- ALL ACCESSIBLE PAVED ROUTES SHALL NOT EXCEED A 20:1 SLOPE.
- FINAL LOCATIONS OF PROPOSED TRAFFIC / REGULATORY SIGNAGE AND SIGNALIZATION (WHERE APPLICABLE) SHALL BE ESTABLISHED BY THE ENGINEER OF RECORD.
- ALL PAVEMENT MARKING, STRIPING, AND CURBING DETAILS SHALL BE BASED ON THE ENGINEERING PLANS.
- SURROUNDING INFORMATION AND PLANS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
- LIMITS OF AFFECTED AREA ARE LOCATED TO INCLUDE THE LANDSCAPE ASSOCIATED WITH THIS ENTRY FEATURE. REFER TO THE LANDSCAPE PLANS FOR MORE INFORMATION.

ROADWAY DESIGN NOTE

- THE ROADWAY DESIGN IN THESE PLANS REFLECTS THE ULTIMATE WIDTH NEEDED TO ACCOMMODATE (4) SOUTHBOUND LANES FOR PANTHER NATIONAL BLVD., AS AGREED UPON WITH THE CITY OF PALM BEACH GARDENS.

UPLIGHT SPECIFICATION



Philips Hadco FlexScope B9 accent line-voltage landscape luminaire has interchangeable optics 20°, 36° and 65° by switching optic lenses. This adjustable luminaire also has the ability to switch between 5 preset light outputs.

*OR EQUAL AS APPROVED BY OWNER OR OWNER'S REP

Ordering guide

Series	Lamping	CCT	Finish	Surge suppressor
B9	D	W	A	SP1

B9 Accent line-voltage luminaire

- Features**
- Housing/Construction: A360 die-cast aluminum, able to remove shroud from housing with 2 screws. Adjustable knurled stem provides range of rotation, prevents fixture from pointing past vertical. Vibration locking teeth secured by black oxide stainless steel screw. Driver mounts directly to housing for thermal management. All gaskets are 100% molded silicone.
 - Electrical: 24V (on high setting) Input voltage range (VAC) 120-277V. Pre-wired with 12" pigtail for ease of connection. Includes 0-10V Analog Class-2 wiring for dimming, capped off to help prevent cross-wiring with line-voltage wires.
 - LED Board: Single COB LED Array.
 - Controls: Class-2 driver with AOC and 0-10V dimming. Design allows easy access to integral switch with 5 preset light outputs, see lumen matrix. Remove lens cap with 2 screws and simply adjust the slider switch by hand.
 - Optical Systems: Flat glass, soda lime tempered clear glass, c-channel gasket slips onto lens without tool or RTV. Fixture pre-installed with medium flood (36°) optical lens. Interchangeable optical lenses clip onto main reflector. Both narrow flood (20°) and wide flood (65°) optical lenses are shipped with each fixture. Components are made of injection molded polycarbonate (PC).
 - Mounting: 1/2"-14 NPSM male threads to screw onto mounting stake, or other mounting necessary, sold separately.
- IP66 Rating**
Dust tight and sealed against direct jets of water.
- Labels**
ETL Listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards. 5-year limited warranty.
- Lamps**
Integral LED module
- Options**
Optional integral surge protection device provides single phase protection for line/neutral/line/ground, and neutral/ground in accordance with IEEE C62.41-2002 Class 2.

Lumen matrix

Wattage	3000K					
	120V	277V	Narrow	Medium	Wide	Wide
10W	80mA	50mA	395	982	942	1102
13W	100mA	55mA	442	1409	1337	1580
19W	155mA	75mA	2031	2006	1903	2249
33W	225mA	100mA	2797	2762	2621	3097
33W	275mA	120mA	3271	3230	3065	3622

INITIAL BEAMSREAD SETTING FOR UPLIGHT B
INITIAL BEAMSREAD SETTING FOR UPLIGHT A
INITIAL WATTAGE SETTING FOR UPLIGHTS A AND B

ACCENT LIGHTING NOTES

- THESE PLANS ARE INTENDED TO ILLUSTRATE ACCENT AND LANDSCAPE UPLIGHTING LOCATIONS ONLY. THE LOCATION AND SIZING OF EQUIPMENT SUCH AS TRANSFORMERS, ROUTING OF WIRING, AND ALL OTHER ITEMS NECESSARY TO ENGINEER A SAFE AND OPERATIONAL SYSTEM SHALL BE DETERMINED BY A LICENSED ELECTRICIAN.
- PLACEMENT OF, AND ADJUSTMENTS TO, ALL LIGHT FIXTURES SHALL BE DETERMINED IN THE FIELD ACCORDING TO ON-SITE CONDITIONS. CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE OF ANY CONFLICTS PRIOR TO INSTALLATION.
- ALL PRODUCTS AND MATERIALS SHALL BE NEW, APPROVED FOR USE IN EXTERIOR APPLICATIONS, AND INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- ALL INSTALLATION WORK SHALL BE EXECUTED BY A LICENSED ELECTRICIAN IN A PROFESSIONAL MANNER, USING STANDARD INDUSTRY PRACTICES, AND IN COMPLIANCE WITH THE LATEST EDITION OF ALL APPLICABLE BUILDING CODES.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING OF ANY KIND.
- QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND SHALL NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO ORDERING AND/OR INSTALLATION.
- THE TRANSFORMER SHALL BE SIZED TO PROVIDE FULL POWER TO EACH FIXTURE.
- ALL UPLIGHTS SHALL INCLUDE AN ANGLED GLARE SHIELD.

ACCENT LIGHTING SCHEDULE - INTERIM LAYOUT

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
◀	UPLIGHT A (Landscape) Lamp: LED, 33W, 3000K, Beamspread: Wide	18	RE: UPLIGHT SPEC (THIS SHEET)
▶	UPLIGHT B (Architectural) Lamp: LED, 33W, 3000K, Beamspread: Narrow	20	RE: UPLIGHT SPEC (THIS SHEET)
ⓔ	EXTERIOR GRADE ELECTRICAL OUTLET BOX (FOR SEASONAL LIGHTS)	24	PER ELECTRICAL CONTRACTOR

NOTE: WATTAGE AND BEAMSPREAD MAY BE ADJUSTED IN THE FIELD TO PROVIDE DESIRED LIGHTING INTENT AS PER DIRECTION OF OWNER OR ARCHITECT.

ACCENT LIGHTING SCHEDULE - ULTIMATE LAYOUT

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
◀	UPLIGHT A (Landscape) Lamp: LED, 33W, 3000K, Beamspread: Wide	18	RE: UPLIGHT SPEC (THIS SHEET)
▶	UPLIGHT B (Architectural) Lamp: LED, 33W, 3000K, Beamspread: Narrow	20	RE: UPLIGHT SPEC (THIS SHEET)
ⓔ	EXTERIOR GRADE ELECTRICAL OUTLET BOX (FOR SEASONAL LIGHTS)	24	PER ELECTRICAL CONTRACTOR

NOTE: WATTAGE AND BEAMSPREAD MAY BE ADJUSTED IN THE FIELD TO PROVIDE DESIRED LIGHTING INTENT AS PER DIRECTION OF OWNER OR ARCHITECT.

MEDIAN PAVER SPECIFICATION

* MEDIAN PAVERS ARE PROPOSED IN THE ULTIMATE LAYOUT ONLY



MODEL: HOLLAND STONE
MANUFACTURER: BELGARD (OR EQUAL AS APPROVED BY OWNER OR OWNER'S REP)

PRODUCT DETAILS:

- QUANTITY: 775 SF (CONTRACTOR TO VERIFY IN THE FIELD PRIOR TO INSTALLATION)
- SIZE: 4" x 8" x 3 1/2" (80mm)
- COLOR: HARVEST BLEND (TO MATCH CROSSWALKS THROUGHOUT AVENIR)
- PATTERN: 90° HERRINGBONE
- INSTALL TIGHT AND FLUSH PER MANUF. SPECS W/ POLYMERIC SAND FOR JOINT INFILL

NOTES:

- THIS IMAGE IS INTENDED TO REPRESENT PRODUCT COLOR ONLY. ACTUAL COLOR AND TEXTURE MAY VARY. REFER TO CIVIL ENGINEERING PLANS FOR INSTALLATION DETAILS.

Date:	November 2021
Project No.:	12-065.061
Designed By:	TSP
Drawn By:	TSP
Checked By:	MM / LM

Revision Dates:
PBG Resubmittal: 04/29/24, 12/20/24, 02/14/25



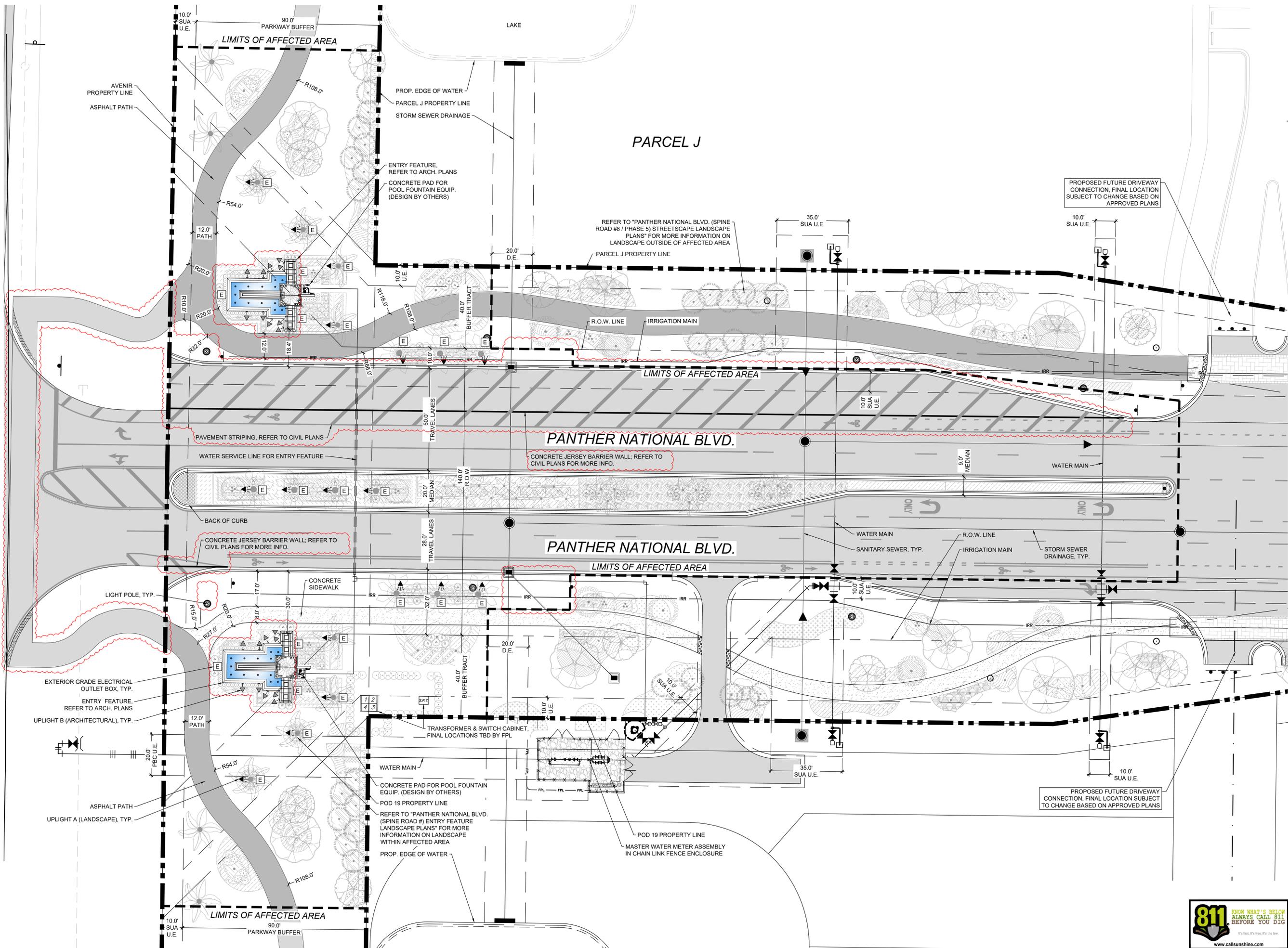
Avenir - Panther National Blvd.

PCD Entry Feature

Palm Beach Gardens, Florida

Site and Accent Lighting Plan - Interim Layout

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NORTH

0 10' 20' 40'

Scale: 1" = 20'-0"

Date: November 2021
Project No.: 12-065.061
Designed By: TSP
Drawn By: TSP
Checked By: MM / LM

Revision Dates:
PBG Submittal: 8/10/23
PBG Resubmittal: 04/28/24, 12/20/24, 02/14/25



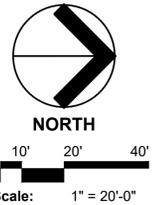
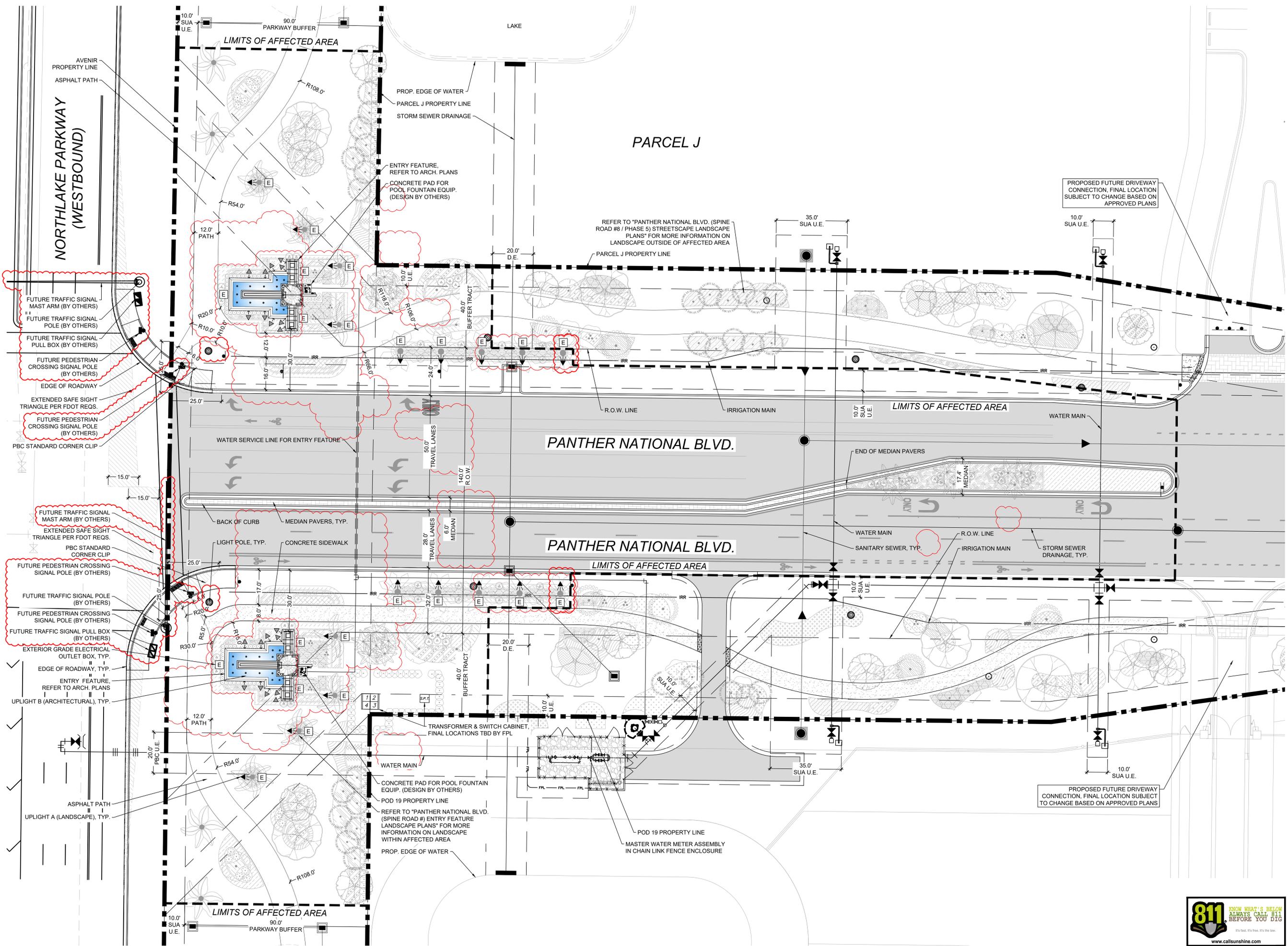
Avenir - Panther National Blvd.

PCD Entry Feature

Palm Beach Gardens, Florida

Site and Accent Lighting Plan - Ultimate Layout

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Date:	November 2021
Project No.:	12-065.061
Designed By:	TSP
Drawn By:	TSP
Checked By:	MM / LM

Revision Dates:	
PBG Submittal:	8/10/23
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3D VIEW #4