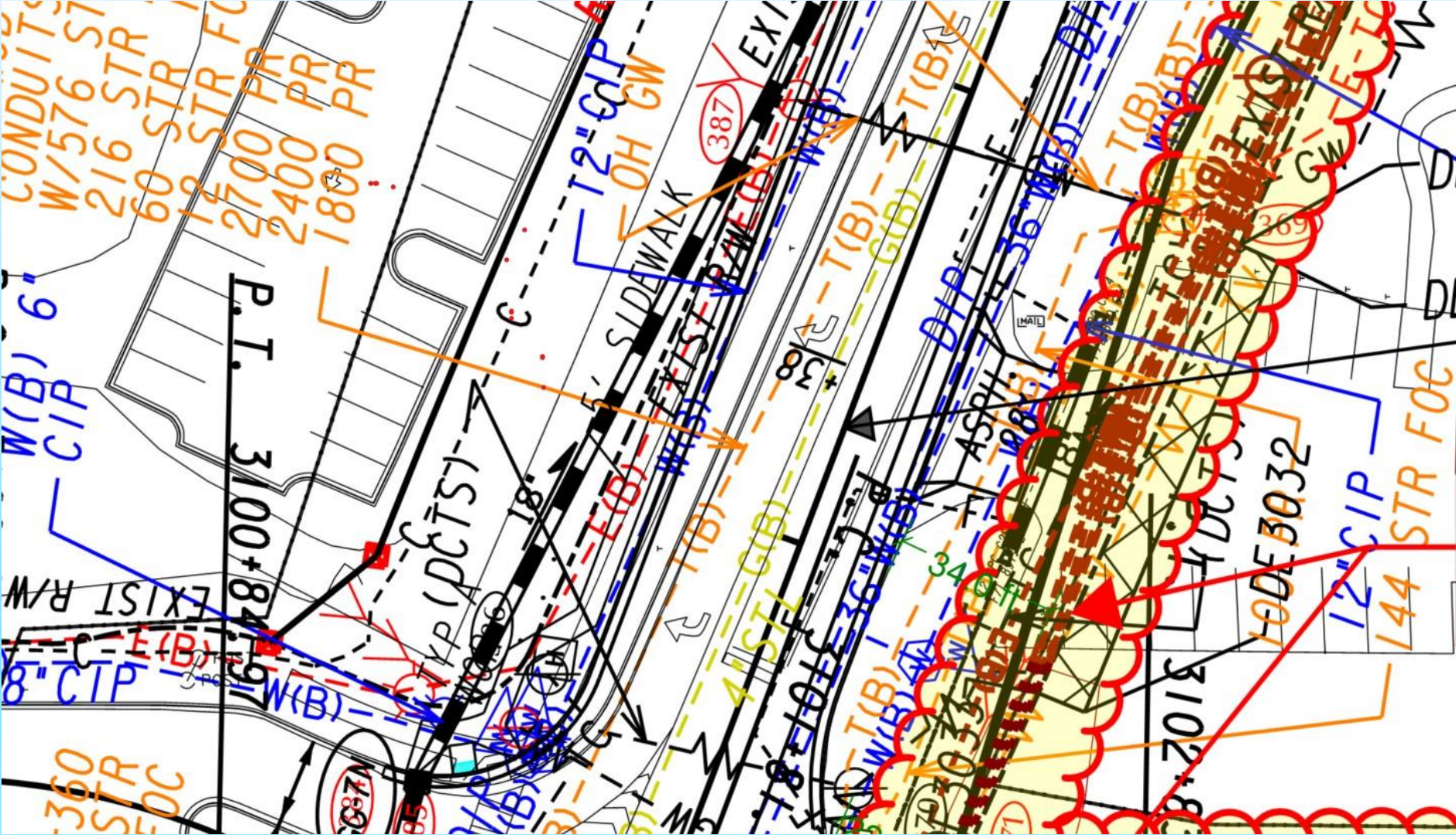


# Got Plans – How to read Georgia Power Plans

**Galen Davis and Mark Tilden**  
**Project Managers - DOT/Franchise**



# Project Plans









# GPC First Submission Plans







# GDOT vs GPC Map Legend

**ROAD RELOCATION LEGEND**

DASHED=EXISTING  
SOLID=PROPOSED

**ROADWAY CONSTRUCTION LEGEND**

**UTILITY LEGEND**

**ROADWAY CONSTRUCTION LEGEND**

- LLL LAND LOT LINE
- LAND LOT NUMBER
- PROPERTY LINE
- PARCEL NUMBER
- R/W RIGHT OF WAY
- REQUIRED R/W LINE
- REQUIRED R/W AND LIMIT OF ACCESS
- REQUIRED R/W AND FENCED LIMIT OF ACCESS
- EXISTING R/W MARKER
- REQUIRED R/W MARKER
- PAVEMENT OVERLAY AREA
- PERMANENT EASEMENT FOR THE CONSTRUCTION & MAINTENANCE OF DRAINAGE (SLOPES)
- TEMPORARY EASEMENT FOR THE CONSTRUCTION OF SLOPES
- TEMPORARY EASEMENT FOR THE CONSTRUCTION OF DRIVEWAYS
- WETLANDS AREA
- STREAM BUFFER, WETLAND BORDY, ESA HISTORICAL BORDY, ESA-ENVIRONMENTAL JUSTICE, ESA-HAZARDOUS MATERIAL, THREATENED OR ENDANGERED SPECIES HABITAT, ESA-CULTURAL RESOURCE, ESA-ARCHAEOLOGICAL RESOURCE

**UTILITY LEGEND**














- EXISTING WATER LINE
- EXISTING WATER LINE TO BE REMOVED
- PROPOSED WATER LINE
- TEMPORARY WATER LINE
- EXISTING WATER METER
- PROPOSED WATER METER
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING WATER LINE CASING
- PROPOSED WATER LINE CASING
- EXISTING GAS LINE
- EXISTING GAS LINE TO BE REMOVED
- PROPOSED GAS LINE
- TEMPORARY GAS LINE
- EXISTING GAS METER
- PROPOSED GAS METER
- EXISTING GAS VALVE
- PROPOSED GAS VALVE
- EXISTING GAS LINE MONITORING WELL
- EXISTING GAS MANHOLE
- PROPOSED GAS MANHOLE
- EXISTING GAS LINE CASING
- PROPOSED GAS LINE CASING
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER TO BE REMOVED
- PROPOSED SANITARY SEWER
- TEMPORARY SANITARY SEWER
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING ELECTRIC POWER OVERHEAD
- EXISTING ELECTRIC POWER OVERHEAD TO BE REMOVED
- PROPOSED ELECTRIC POWER OVERHEAD
- TEMPORARY ELECTRIC POWER OVERHEAD
- EXISTING ELECTRIC POWER UNDERGROUND
- EXISTING ELECTRIC POWER UNDERGROUND TO BE REMOVED
- PROPOSED ELECTRIC POWER UNDERGROUND
- TEMPORARY ELECTRIC POWER UNDERGROUND
- EXISTING ELECTRIC POWER POLE
- PROPOSED ELECTRIC POWER POLE
- TEMPORARY ELECTRIC POWER POLE
- EXISTING GUY ANCHOR
- PROPOSED GUY ANCHOR
- TEMPORARY GUY ANCHOR
- EXISTING POWER TRANSFORMER
- EXISTING ELECTRIC LIGHT POLE
- PROPOSED ELECTRIC LIGHT POLE
- EXISTING TELEPHONE OVERHEAD
- EXISTING TELEPHONE OVERHEAD TO BE REMOVED
- PROPOSED TELEPHONE OVERHEAD
- TEMPORARY TELEPHONE OVERHEAD
- EXISTING TELEPHONE UNDERGROUND
- EXISTING TELEPHONE UNDERGROUND TO BE REMOVED
- PROPOSED TELEPHONE UNDERGROUND
- TEMPORARY TELEPHONE UNDERGROUND
- EXISTING TELEPHONE POLE
- PROPOSED TELEPHONE POLE
- TEMPORARY TELEPHONE POLE
- EXISTING TELEPHONE MANHOLE
- PROPOSED TELEPHONE MANHOLE
- TEMPORARY TELEPHONE MANHOLE
- EXISTING TELEVISION OVERHEAD
- EXISTING TELEVISION OVERHEAD TO BE REMOVED
- PROPOSED TELEVISION OVERHEAD
- TEMPORARY TELEVISION OVERHEAD
- EXISTING TELEVISION UNDERGROUND
- EXISTING TELEVISION UNDERGROUND TO BE REMOVED
- PROPOSED TELEVISION UNDERGROUND
- TEMPORARY TELEVISION UNDERGROUND
- EXISTING FIBER OPTICS CABLE
- PROPOSED GEORGIA OPTICS CABLE

**GPC CONSTRUCTION LEGEND** SHT 3 OF 3

WORK LOCATIONS	POLES	SWITCHES	LIGHTS
WORK LOCATION NUMBER 1	EXISTING GPC POLE	FUSED	EXISTING
WORK LOCATION NUMBER 10	REMOVED GPC POLE	REMOVED FUSED	GOVERNMENTAL OUTDOOR
WORK LOCATION NUMBER 11	PROPOSED GPC POLE	PROPOSED FUSED	HPS
WORK LOCATION NUMBER 10.1	FOREIGN POLE	GANG	MERCURY VAPOR
WORK LOCATION NUMBER 10.15	REMOVED FOREIGN POLE	PROPOSED GANG	DIRECTIONAL HPS
	PROPOSED FOREIGN POLE		NON-GOVERNMENTAL OUTDOOR
	NOT SURVEY ACCURATE NSA		HPS
			MERCURY VAPOR
			DIRECTIONAL HPS
SCALE	TRANSFORMERS	PHASING	REMOVAL
SCALE	EXISTING SINGLE PHASE	VERTICAL	GOVERNMENTAL OUTDOOR
	OPEN DELTA BANK	HORIZONTAL	HPS
	DELTA BANK		MERCURY VAPOR
	WYE BANK		DIRECTIONAL HPS
	REMOVED		NON-GOVERNMENTAL OUTDOOR
	PROPOSED SINGLE PHASE		HPS
	OPEN DELTA BANK		MERCURY VAPOR
	DELTA BANK		DIRECTIONAL HPS
	WYE BANK		NON-GOVERNMENTAL OUTDOOR
TITLE BLOCK	ANCHOR / GUY	DATES	PROPOSED
TITLEBLOCK	EXISTING SINGLE	ELECTRONIC FILE DATE & CONSTRUCTION REVISION DATE	GOVERNMENTAL OUTDOOR
	DOUBLE		HPS
	TRIPLE		MERCURY VAPOR
			DIRECTIONAL HPS
			NON-GOVERNMENTAL OUTDOOR
			HPS
			MERCURY VAPOR
			DIRECTIONAL HPS



# GDOT vs GPC Symbology

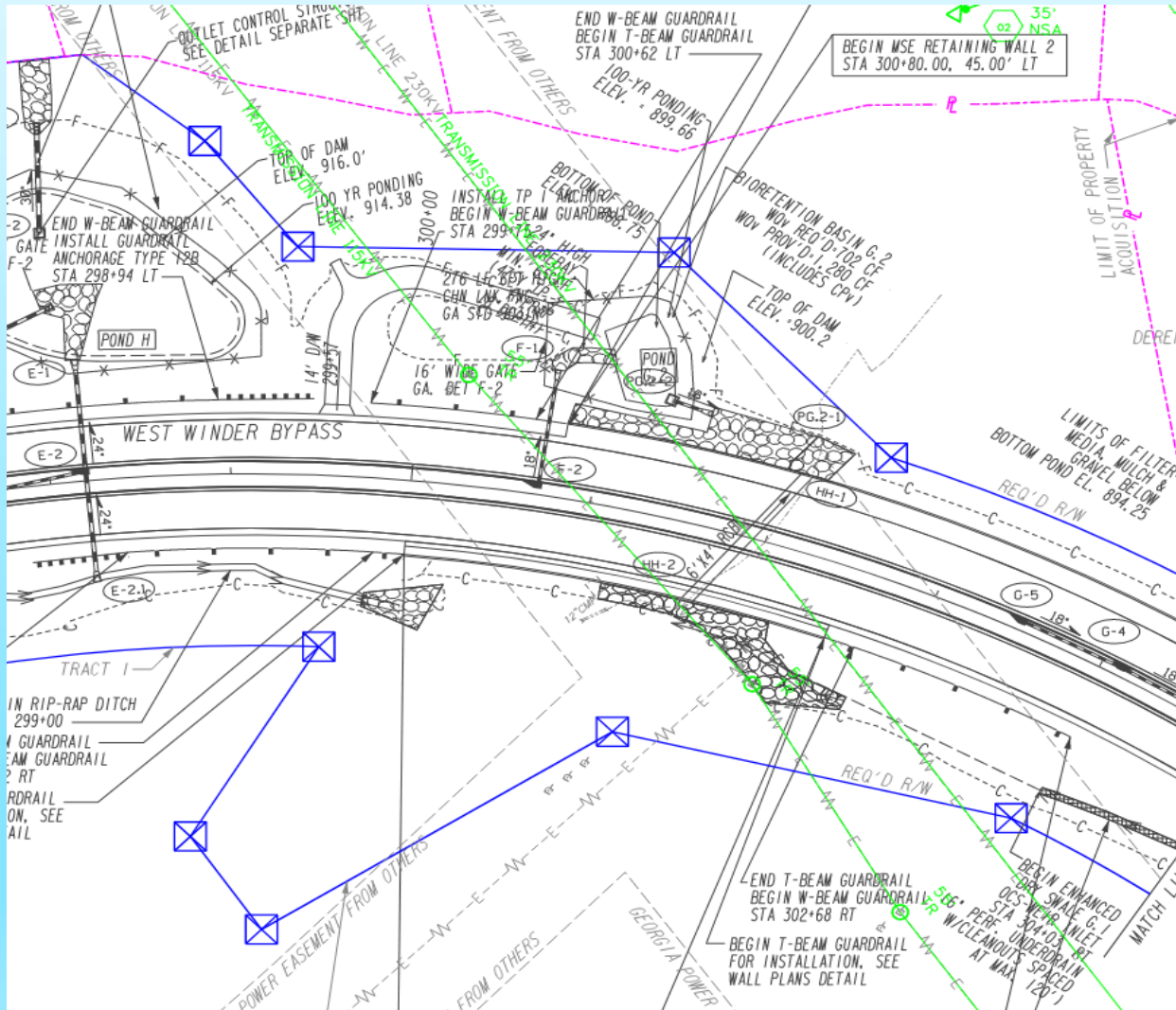
	GPC	DOT
<b>EXISTING UNDERGROUND TRANSFORMER</b>		
<b>PROPOSED UNDERGROUND TRANSFORMER</b>		
<b>EXISTING OVERHEAD TRANSFORMER</b>	 	
<b>PROPOSED OVERHEAD TRANSFORMER</b>	 	
<b>EXISTING POLE</b>	 	
<b>PROPOSED POLE</b>	 	
<b>EXISTING ANCHOR</b>	 	
<b>PROPOSED ANCHOR</b>	 	
<b>EXISTING OVERHEAD LINE</b>		
<b>PROPOSED OVERHEAD LINE</b>		
<b>EXISTING UNDERGROUND LINE</b>		
<b>PROPOSED UNDERGROUND LINE</b>		
<b>LINE REMOVAL</b>		

# Transmission



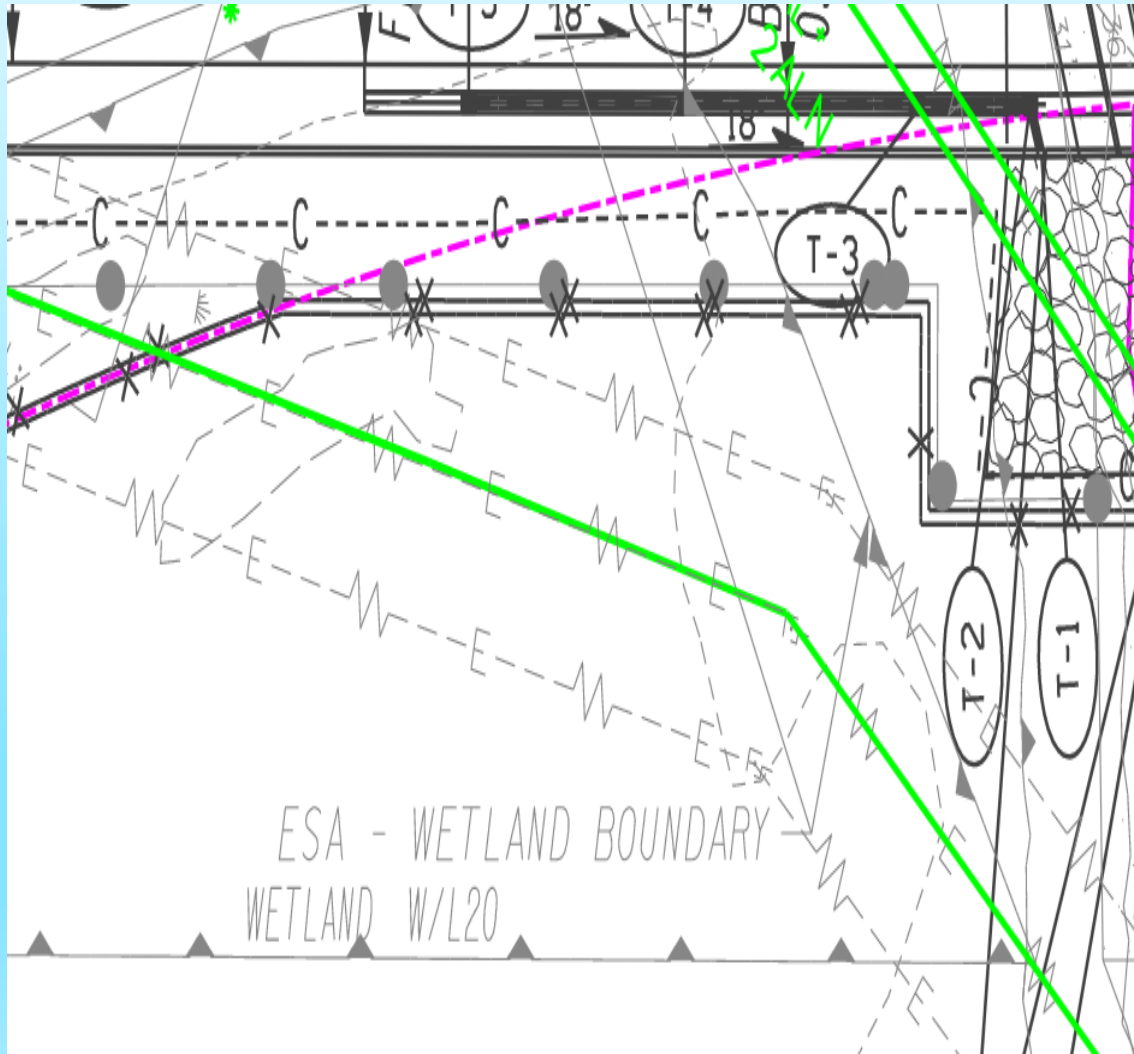


# Transmission





# Transmission





# Distribution

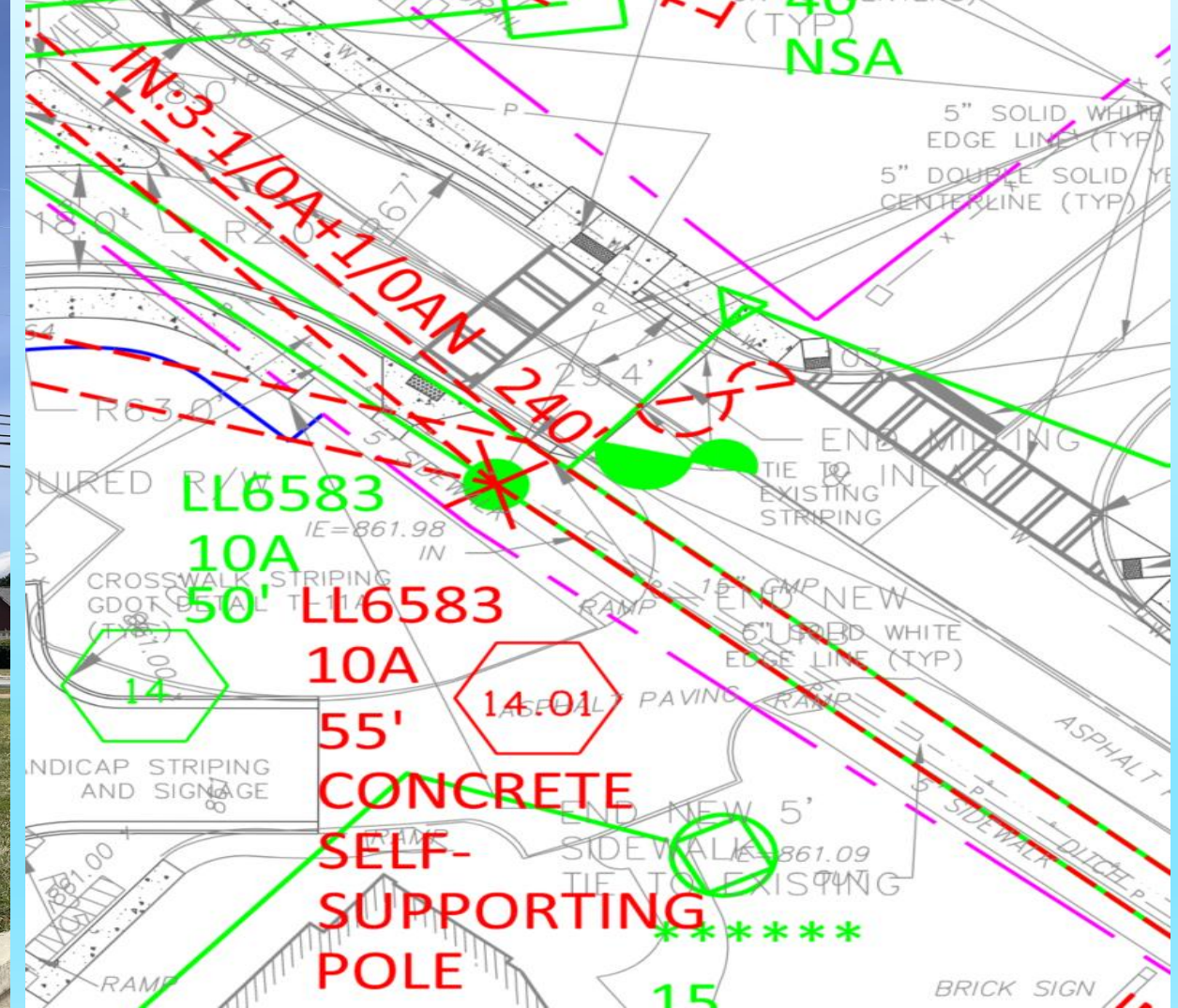








# Distribution

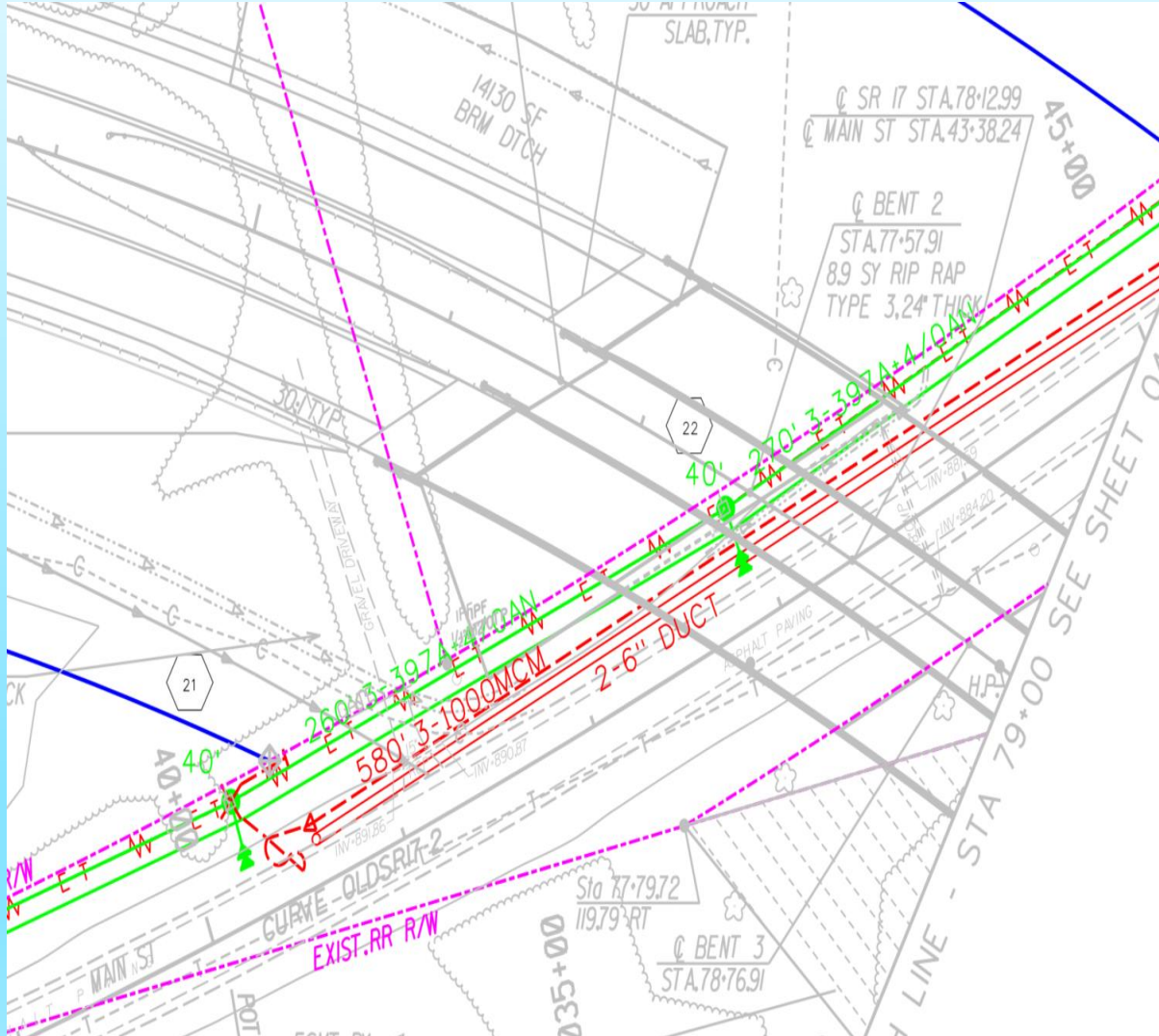








# Distribution



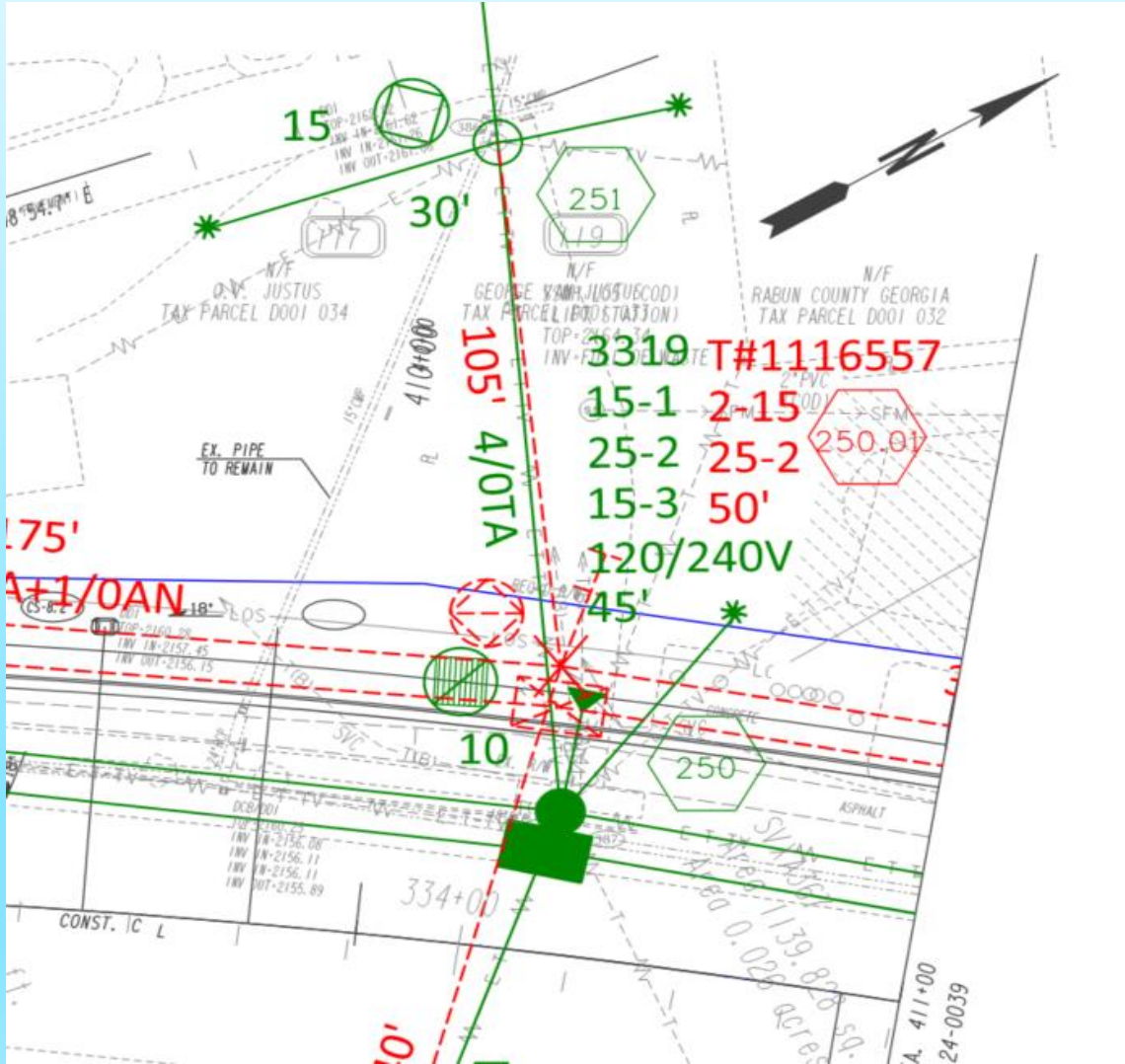
# Distribution

- Tangent Riser pole
- Note no foreign attachments can be made



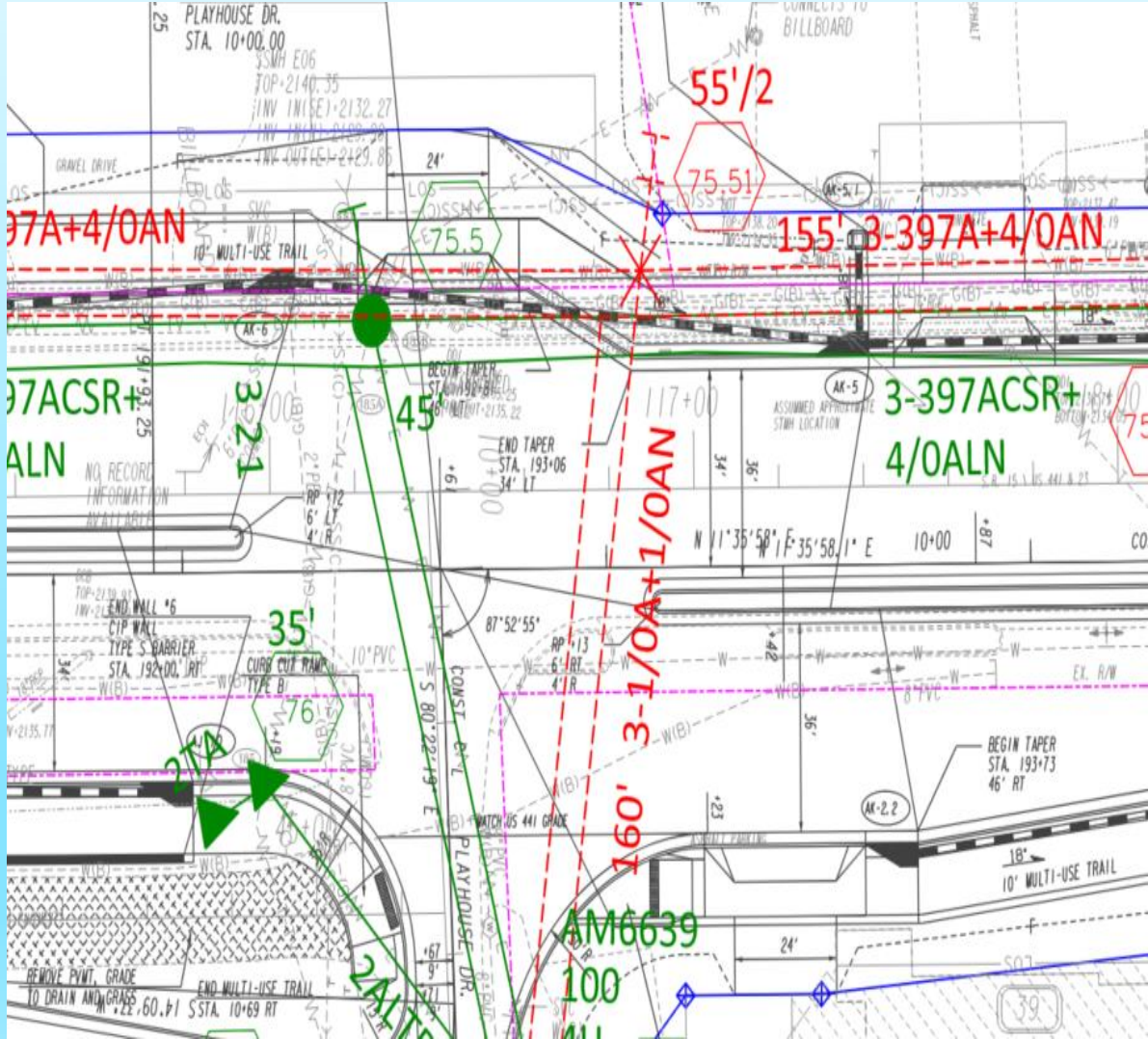


# Distribution





# Distribution



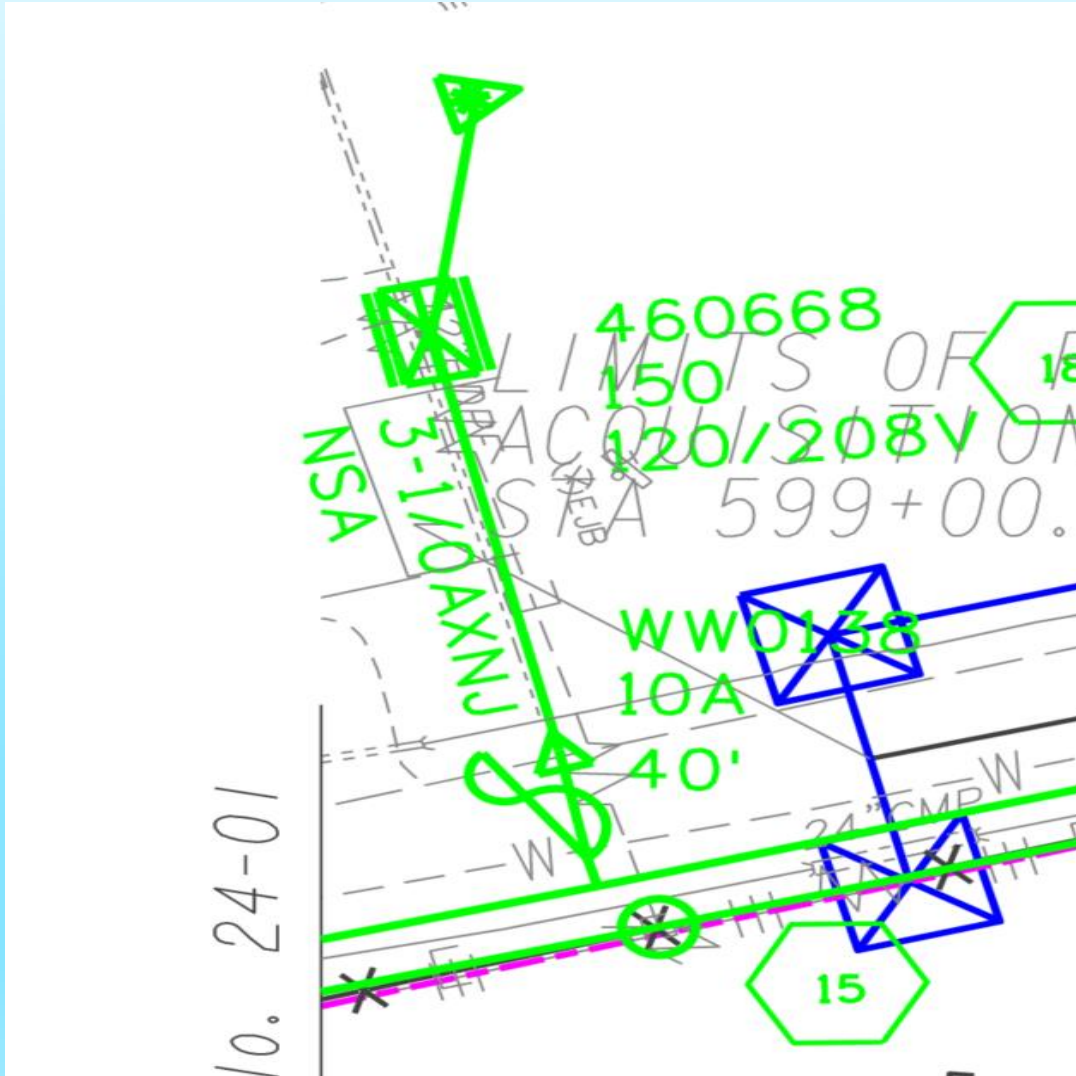


# Distribution





# Distribution

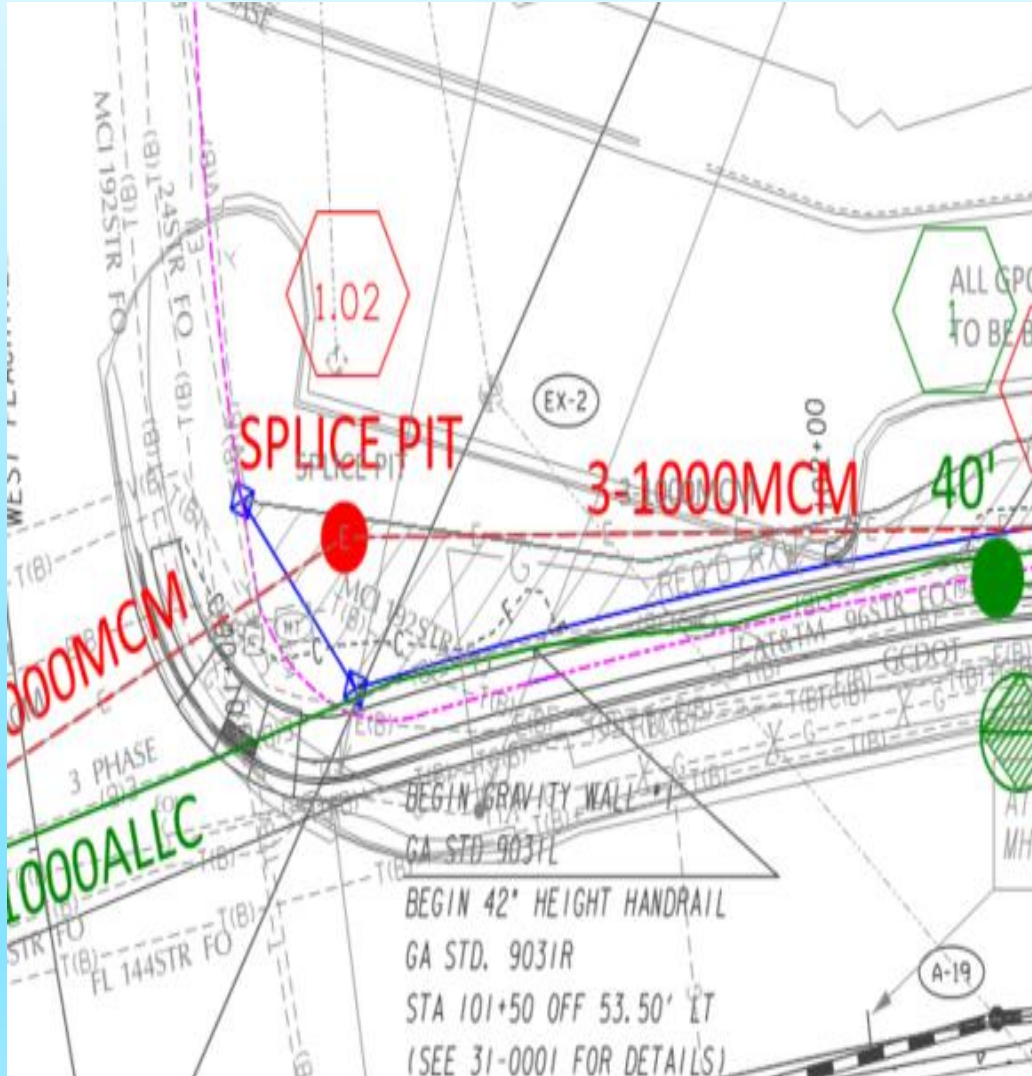






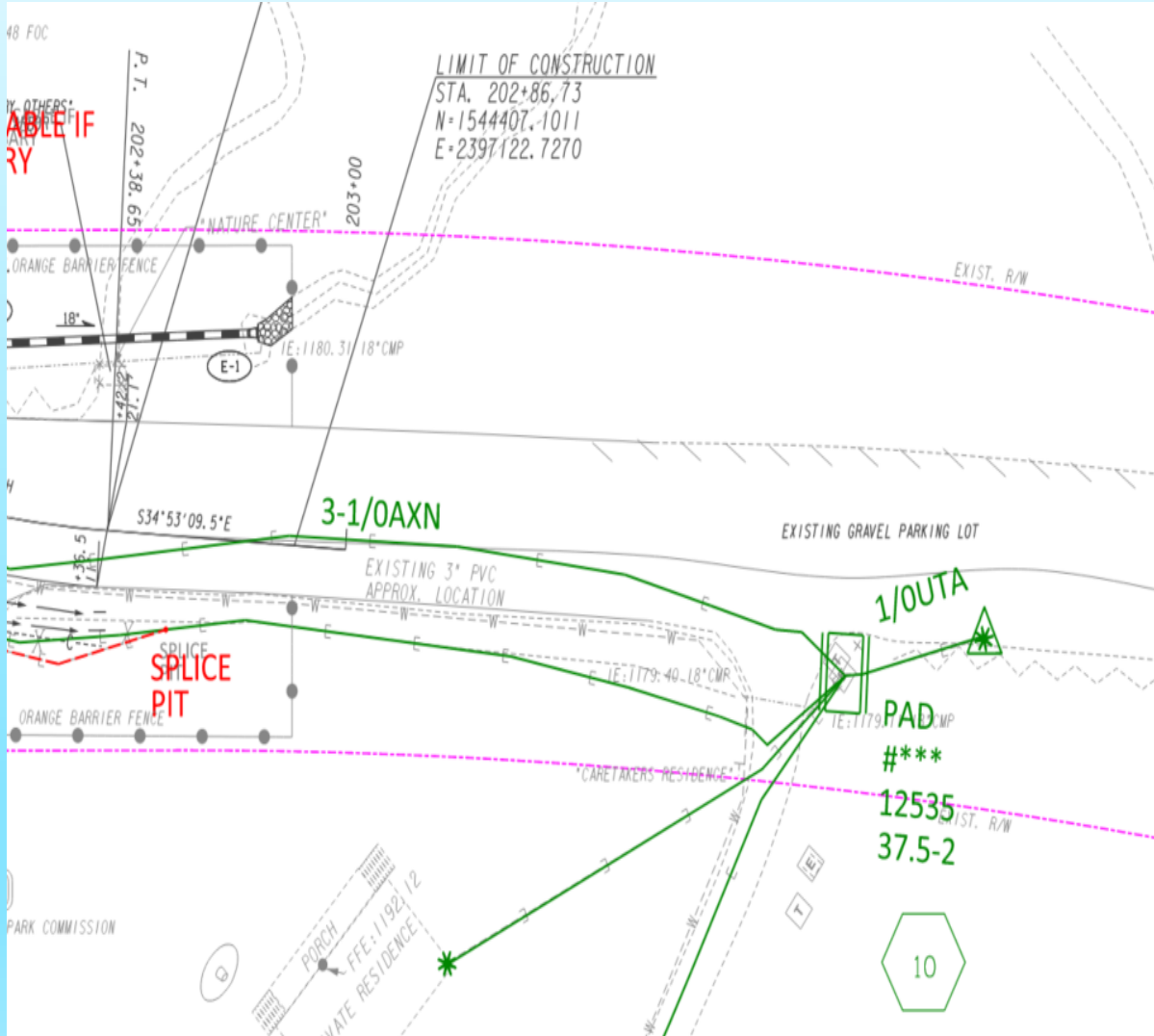


# Distribution





# Distribution





# Distribution (GRID Improvements)



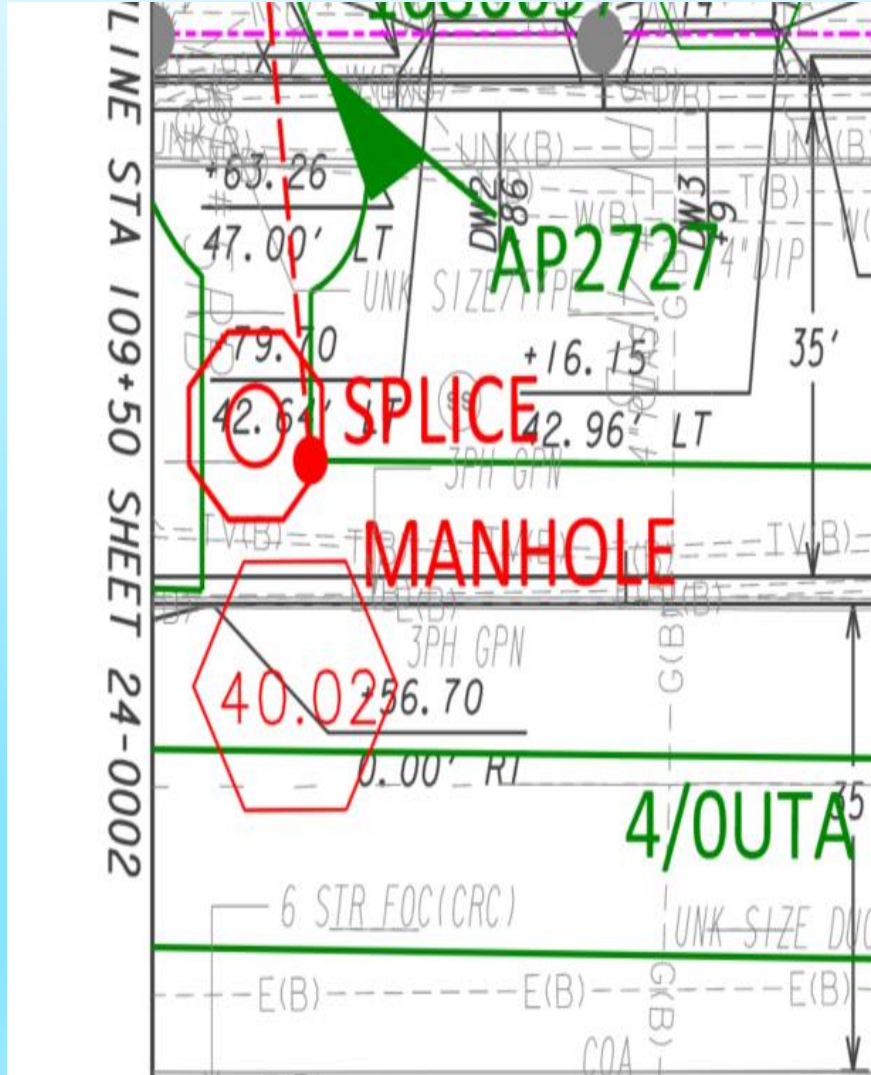


# Network Underground



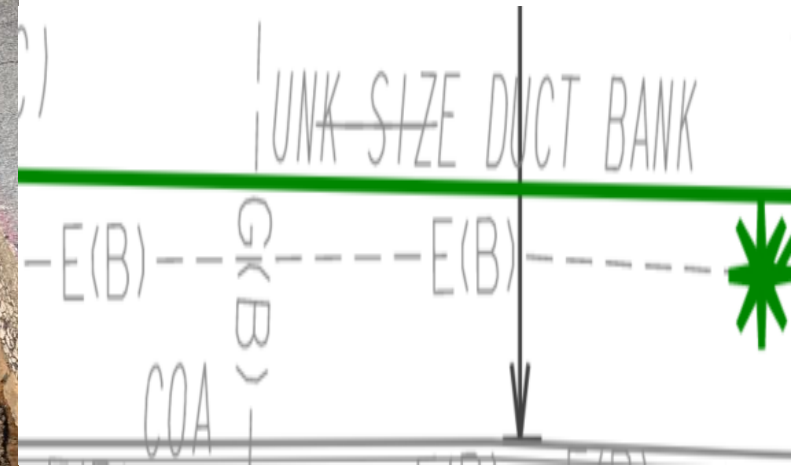


# Network Underground





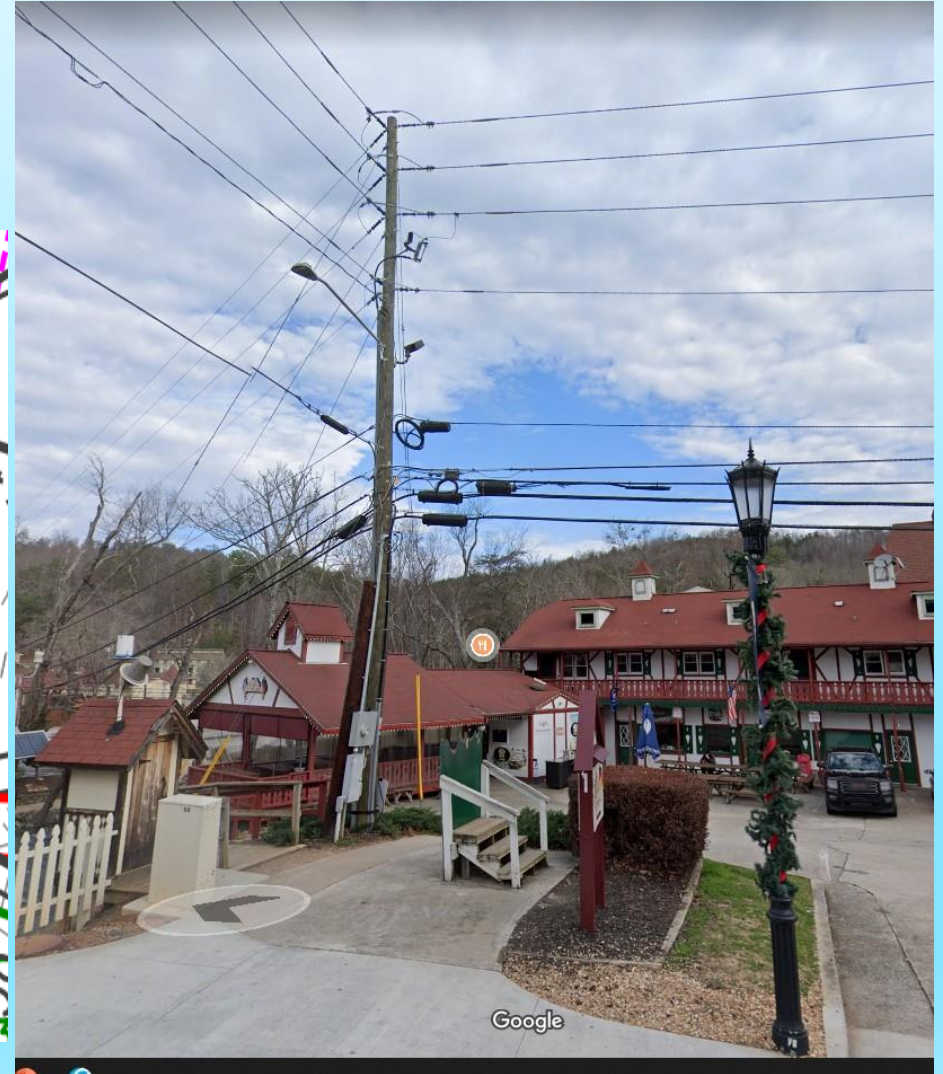
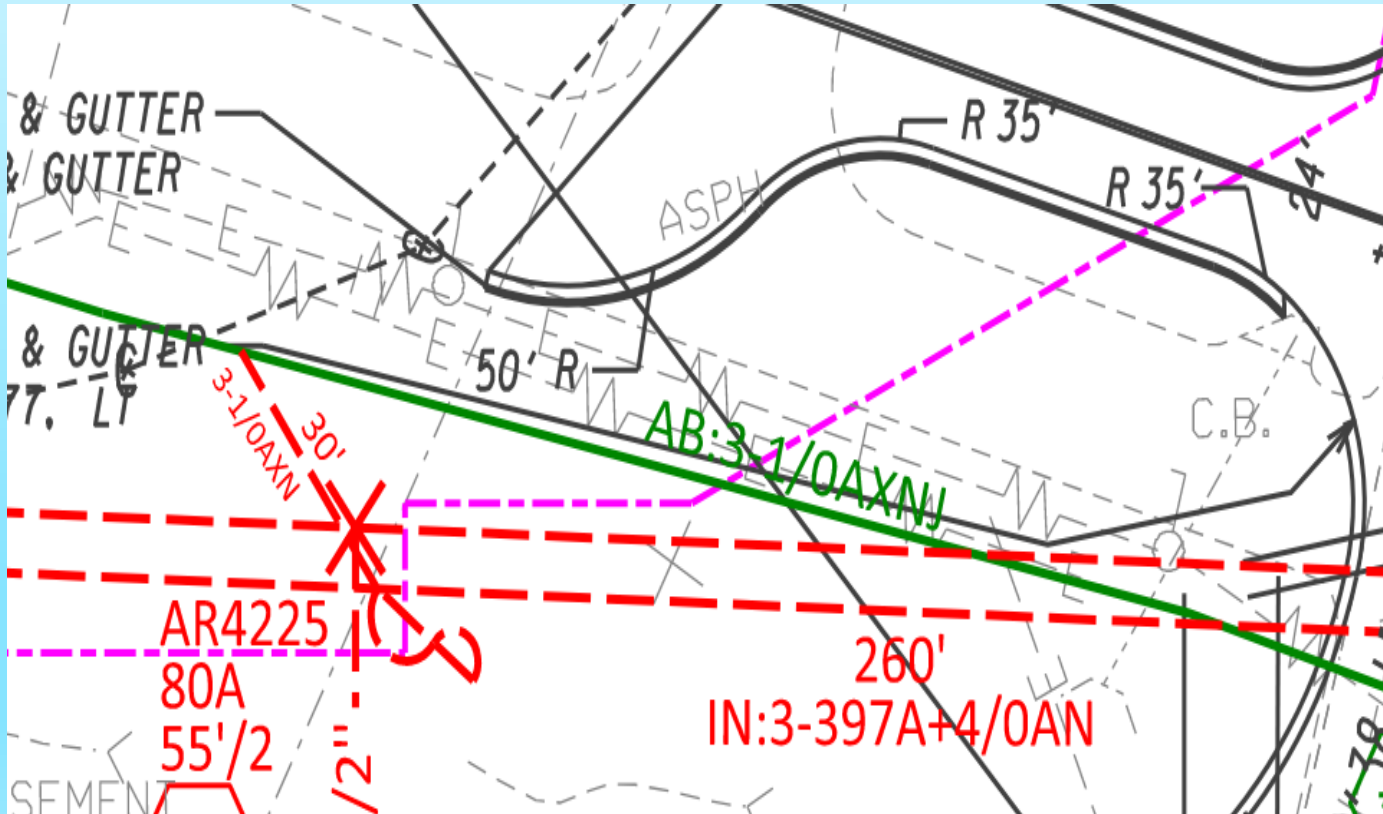
# Network Underground





# Lighting

- NESC (regulated) vs NEC (non-regulated)



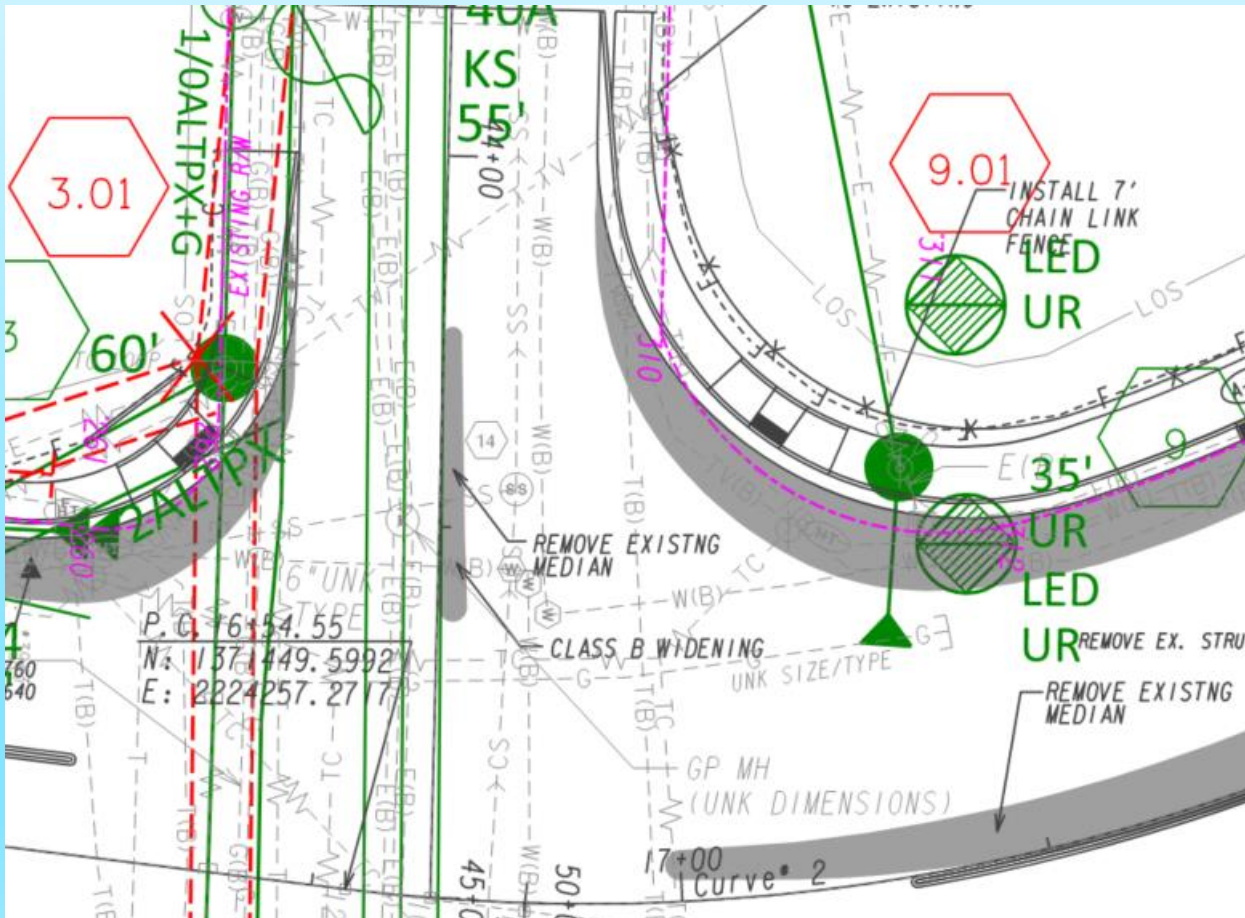






# Lighting

- NEC (non-regulated)













**QUESTIONS????**





Georgia  
Power