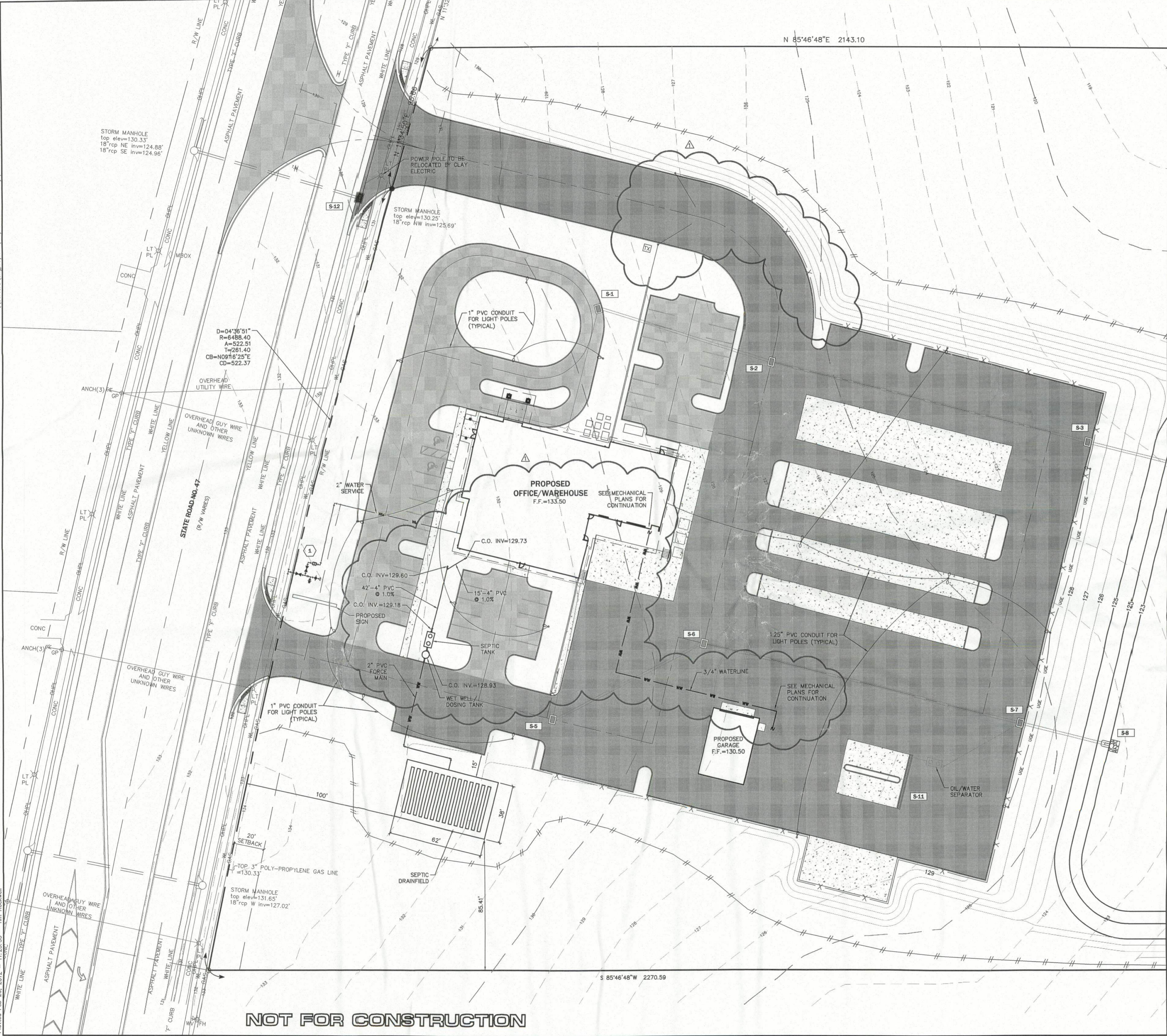


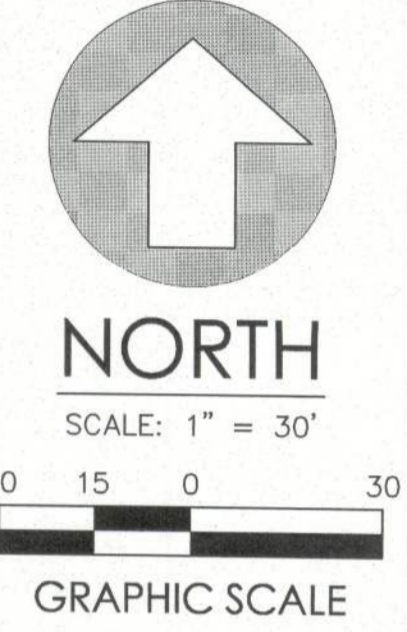
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NOT FOR CONSTRUCTION

GENERAL UTILITY NOTES

1. CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND VERIFICATION OF EXISTING UTILITIES. ANY EXISTING UTILITY TO BE MODIFIED SHALL BE COORDINATED WITH THE COLUMBIA COUNTY.
2. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER AND RECLAIMED WATER SYSTEMS SHALL CONFORM WITH THE CITY OF LAKE CITY'S MOST RECENT POTABLE WATER, WASTEWATER AND RECLAIMED WATER SYSTEM DESIGN STANDARDS AND APPROVED MATERIALS MANUAL.
3. A MINIMUM HORIZONTAL SEPARATION OF 10' FOR POTABLE WATER MAINS AND RECLAIMED WATER MAINS, AND 15' FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM TREES, BUILDINGS, TRANSFORMERS AND ALL PERMANENT STRUCTURES. LIVE OAK TREES REQUIRE AN ADDITIONAL 5' OF HORIZONTAL CLEARANCE. SERVICE LATERALS REQUIRE 5' LESS CLEARANCE FOR EACH OF THE UTILITIES.
4. WATER METER ASSEMBLIES SHALL BE INSTALLED BY THE CITY OF LAKE CITY.
5. 2" VALVES LOCATED IN PAVED AREAS, INCLUDING SIDEWALKS, SHALL BE LAKE CITY APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH BRASS NIPPLE BETWEEN THE VALVES AND THE TAPPING SADDLE OR TAPPED TEE.
6. WATER MAINS 4" IN DIAMETER AND GREATER, PLACED UNDER ROADWAYS, SHALL BE DUCTILE IRON PIPE (DIP) EXTENDING 5' PAST THE BACK OF CURB.
7. 2" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 3" SCH 40 PVS EXTENDING 5' PAST THE BACK OF CURB.
8. ANCHORING TEES, COUPLINGS AND BENDS SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES.
9. ALL PRESSURIZED MAIN FITTINGS SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS.
10. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 35) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
11. SANITARY WASTEWATER CLEANOUT COVERS LOCATED WITHIN PAVEMENT AND SIDEWALKS ADJACENT TO PAVED AREAS SHALL BE RATED TRAFFIC LOAD BEARING.
12. UTILITY INSTALLATION SHALL NOT TAKE PLACE WITHIN TREE BARRICADE AREA AS SHOWN ON THE PAVING, GRADING AND DRAINAGE PLAN.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF UNSUITABLE MATERIALS OFF-SITE AND FURNISH APPROVED MATERIAL FOR SANITARY SEWER LINES BACKFILL AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR MAY DISPOSE OF UNSUITABLE MATERIAL ON-SITE BY APPROVAL OF THE OWNER.
14. NO PERMANENT STRUCTURE SHALL BE CONSTRUCTED WITHIN 10 FEET OF ANY WATER LINE OR 15 FEET OF ANY SEWER LINE.
15. CONTRACTOR SHALL PROTECT LANDSCAPE AND ANY DISTURBED AREAS SHALL BE RESTORED AS EXISTING.



WATER FITTING SCHEDULE

- 1-16" TAP & VALVE (BY CITY OF LAKE CITY)
- 1-6"x6"x2" D.I. TEE
- 1-6"x6"x3" TAPPED TEE
- 1-3" BLOW OFF ASSEMBLY AND SAMPLE POINT
- 1-FIRE HYDRANT ASSEMBLY
- 1-2" RESILIENT GATE VALVE
- 1-3/4" WATER METER (BY CITY OF LAKE CITY)
- 1-3/4" BACKFLOW PREVENTER (DUAL CHECK WATTS 702-U2 OR APPROVED EQUAL)

LEGEND

- LIMITS OF ASPHALT PAVEMENT
- LIMITS OF HEAVY DUTY ASPHALT PAVEMENT
- LIMITS OF CONCRETE PAVEMENT AND SIDEWALKS
- EXISTING CONTOUR ELEVATION
- EXISTING CONTOUR ELEVATION
- PROPOSED FIRE HYDRANT

CLAY ELECTRIC COOPERATIVE  
LAKE CITY DISTRICT OFFICE  
COLUMBIA COUNTY, FLORIDA

UTILITY PLAN

Project:	BID SET	Drawn:	TAR
Designed:	SJR	Date:	02/17/12
Professional Engineer of Record:	Project No: 11-121		
Sergio J. Reyes, P.E. Engineer	Certificate No. 47311		

Sheet No.:  
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