

3.0 AMENDMENT TO THE SITE CERTIFICATION APPLICATION

As discussed in Section 1.0 of this document, after the SCA for GREC was filed, GREC LLC continued to refine the engineering/design plans for the GREC facilities. Based on these efforts, several improvements in the location or layout of facilities within the Site have been identified that will enhance the overall operations. These improvements primarily involve the relocation of the scale and scale house used to weigh the incoming biomass fuel delivery trucks and the relocation of the biomass fuel truck unloading shed, and conveyor system from the unloading area to the biomass fuel storage piles. The biomass fuel storage piles will remain the same size, but their location will shift slightly. These improvements to the site layout are considered to be minor because the facilities are merely being relocated to different sections of the plant roadway loop or shifted slightly within the roadway loop area. No additional land areas on the Site will be impacted by these improvements. The following figures from the SCA have been revised to show the improvements to the site plan and facility layout:

- Figure 4.1.2-1 (Revised 01/28/10). Locations of Proposed GREC Associated Linear Facilities.
- Figure 4.2.0-1 (Revised 01/28/10). Overall Layout of Proposed GREC Facilities within DGS Site.
- Figure 4.2.0-2 (Revised 01/28/10). Layout of Proposed Facilities within GREC Site.
- Figure 4.2.0-3 (Revised 01/28/10). Detailed Facility Layout for GREC.
- Figure 5.1.1-1 (Revised 01/28/10). Land Disturbed by Construction on GREC Site and DGS Site.

These revised figures supersede the site layout figures contained in the SCA.

As shown in the revised figures, the following key improvements have been made to the site layout:

- The biomass fuel truck unloading shed and associated facilities will be relocated. With reference to Figure 4.2.0-3, Detailed Facility Layout for GREC, on page 4-11 of the GREC SCA compared to the revised Figure 4.2.0-3, the

biomass fuel truck receiving equipment (Legend No. 60) was situated on the southern section of the plant roadway loop directly south of the western biomass fuel storage pile (Legend No. 50). In the revised layout, the biomass fuel truck receiving equipment, including the truck dumpers, pit bridges, and pit hoppers, will be relocated to the western section of the plant roadway loop and will be situated to the southwest of the western biomass fuel storage pile. Other layout changes associated with the relocation of the biomass fuel truck unloading shed include the relocation of several conveyors, and the fuel screening/hogging enclosure (Legend No. 72), which will be shifted approximately 250 ft to the west on the north side of the southern section of the plant roadway loop.

- The large western biomass fuel storage pile (Legend No. 50) will remain the same size and will shift approximately 35 ft to the east.
- The biomass fuel stock storage pile (Legend No. 44) and the large eastern biomass fuel storage pile (Legend No. 64) will shift approximately 50 ft to the east. Both piles will remain the same size. There will also be a shift to the east of approximately 50 ft of the equipment located between the biomass fuel storage piles and the power block area. However, the locations of the main power block area equipment (i.e., the bubbling fluidized bed [BFB] boiler and its emission control systems, the BFB boiler stack, the mechanical draft cooling tower, etc.) will not change.
- The scale house (Legend No. 31) and the incoming fuel delivery truck scale were relocated. These facilities will be relocated to the southern section of the plant roadway loop south of the large eastern biomass fuel storage pile.

Again, these improvements to the site layout are considered minor because the facilities are merely being shifted within the original footprint area within the plant roadway loop. No additional land areas or environmental resources (e.g., wetlands or wetland buffers) will be affected by these facility relocations compared to the effects described in the original SCA. Specifically, the improvements to the site layout do not require any changes to the text of the SCA in Chapter 5.0 and 6.0, which discuss the effects of plant operation and construction. These facility relocations have required some minor revisions in the

design details of the stormwater management plan. These minor revisions have been incorporated into the revised stormwater management plan and related information provided in Attachments B and C to this document. As described in Section 2.0 of this document, the revised stormwater management plan also includes the revisions and/or clarifications needed to address the completeness requests from the FDEP Northeast District Office, Stormwater Section.

These improvements in the facility layout are precertification amendments to the SCA, as defined in FDEP Rule 62-17.200(10), F.A.C. The information concerning these amendments is being provided to all agencies and entities that received the SCA for review. GREC LLC and its consultants have discussed these amendments in the facility layout with the FDEP Siting Coordination Office and several of the reviewing agencies and, to date, no concerns with the amendments have been identified.

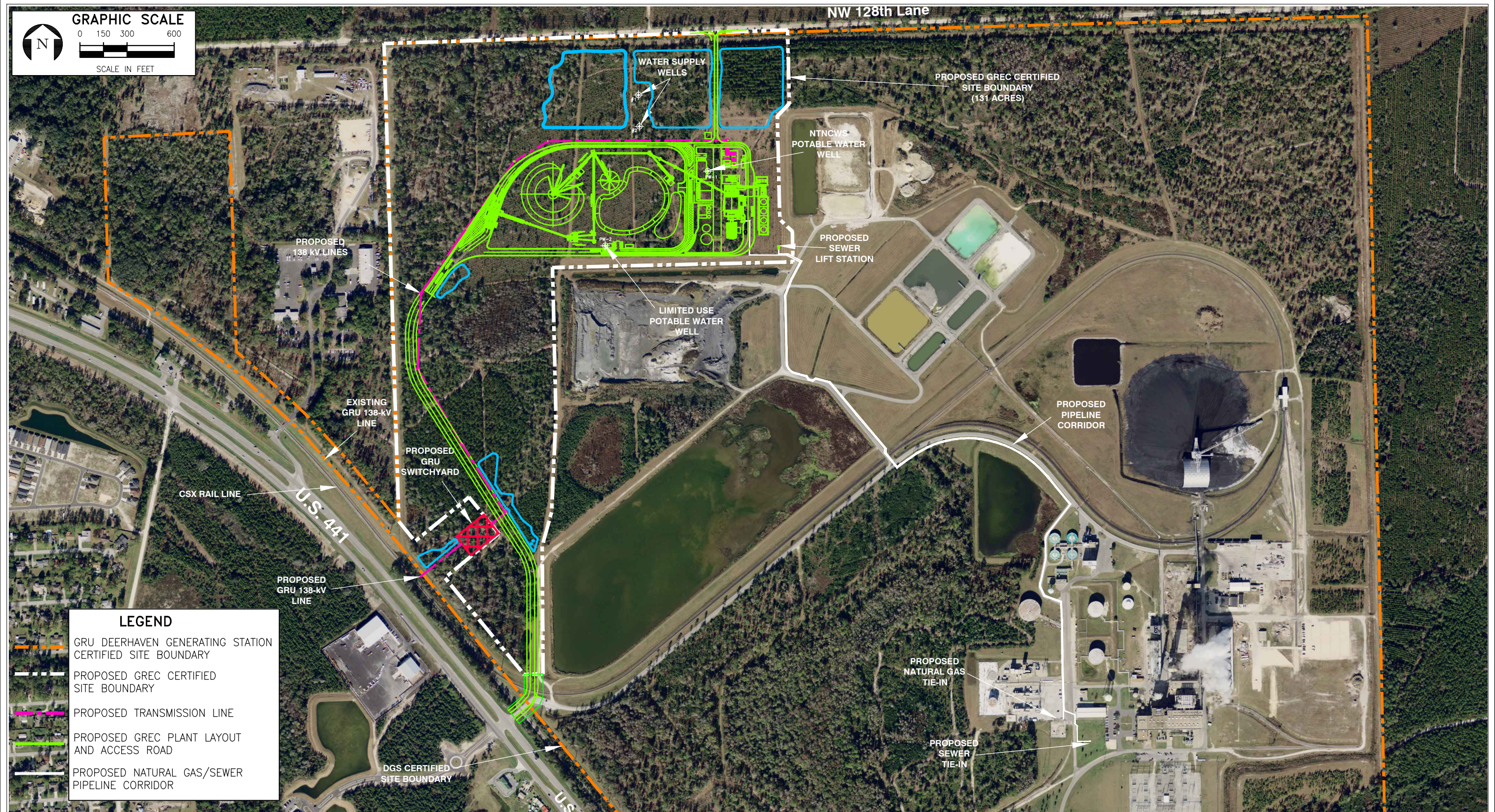


FIGURE 4.1.2-1. (REVISED 01/28/10)

LOCATIONS OF PROPOSED GREC ASSOCIATED LINEAR FACILITIES

Source: FDOT, 2008; Zachary, 2010; EDA, 2010, Genesis, 2009; ECT, 2010.

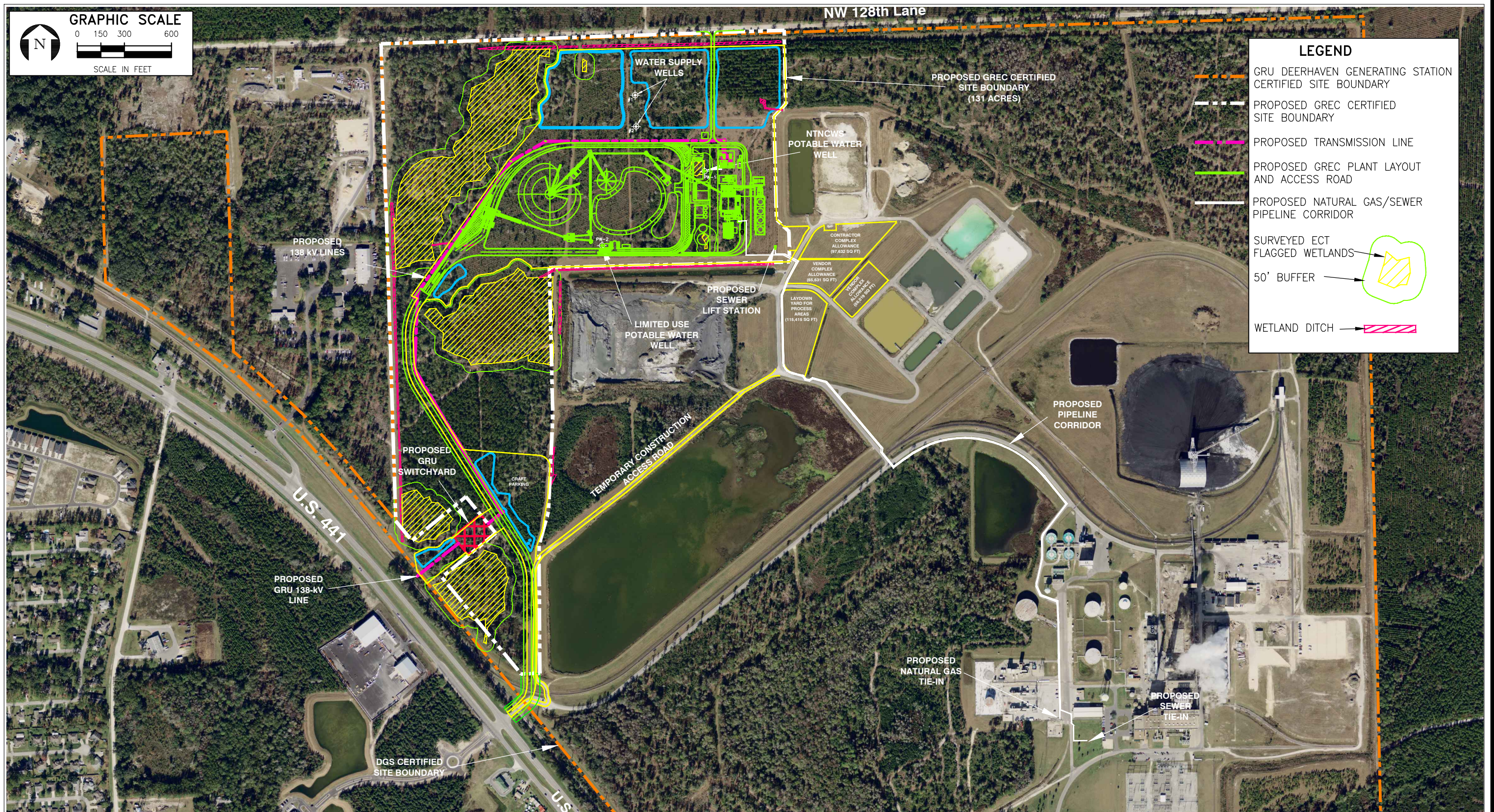


FIGURE 4.2.0-1. (REVISED 01/28/10)

OVERALL LAYOUT OF PROPOSED GREC FACILITIES
WITHIN DGS SITE

Source: FDOT, 2008; Zachary, 2010; EDA, 2010, Genesis, 2009; ECT, 2010.

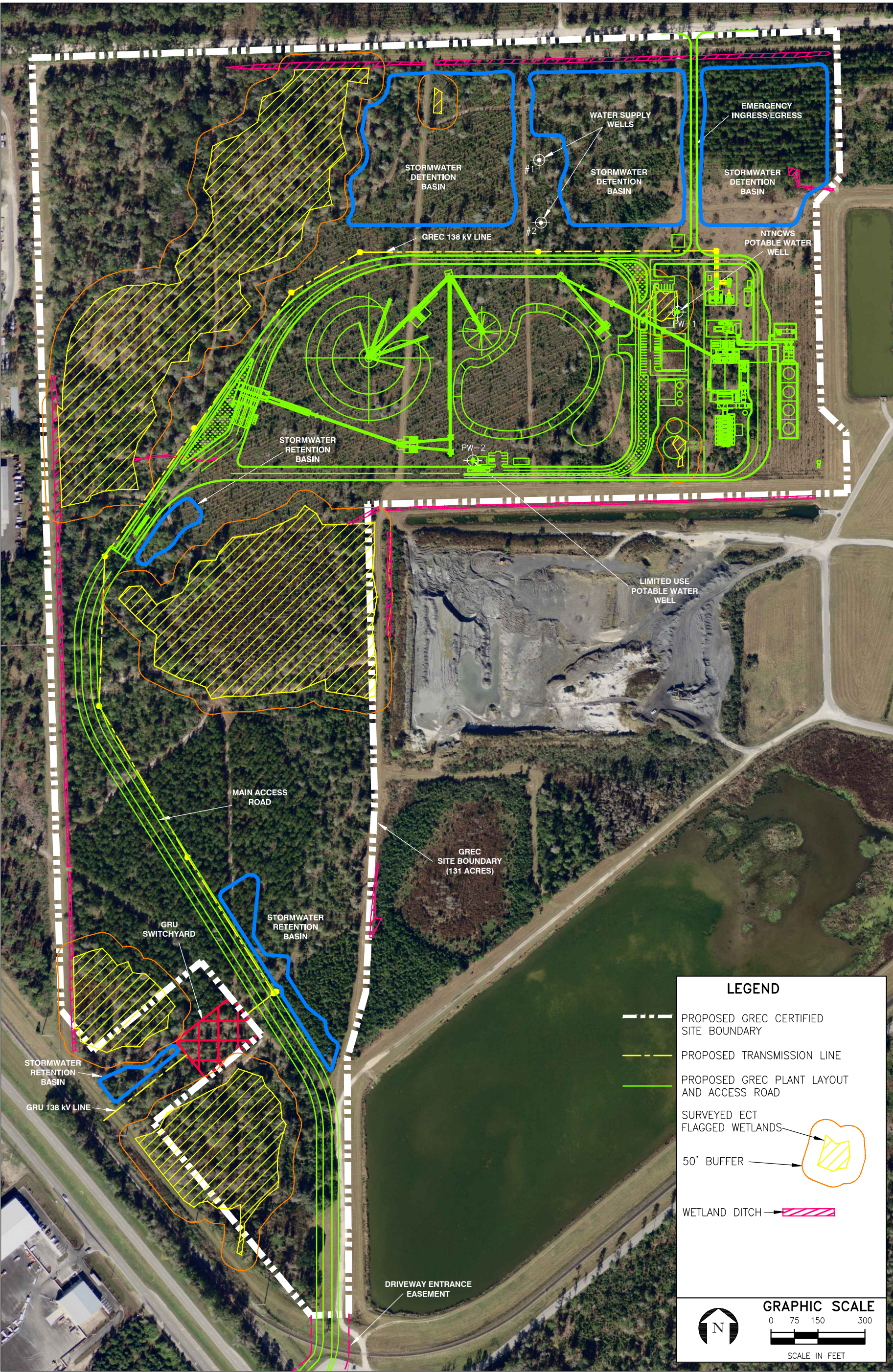


FIGURE 4.2.0-2. (REVISED 01/28/10)
LAYOUT OF PROPOSED FACILITIES
WITHIN GREC SITE

Source: FDOT, 2008; EDA, 2010; Zachary, 2010; Genesis, 2009; ECT, 2010.

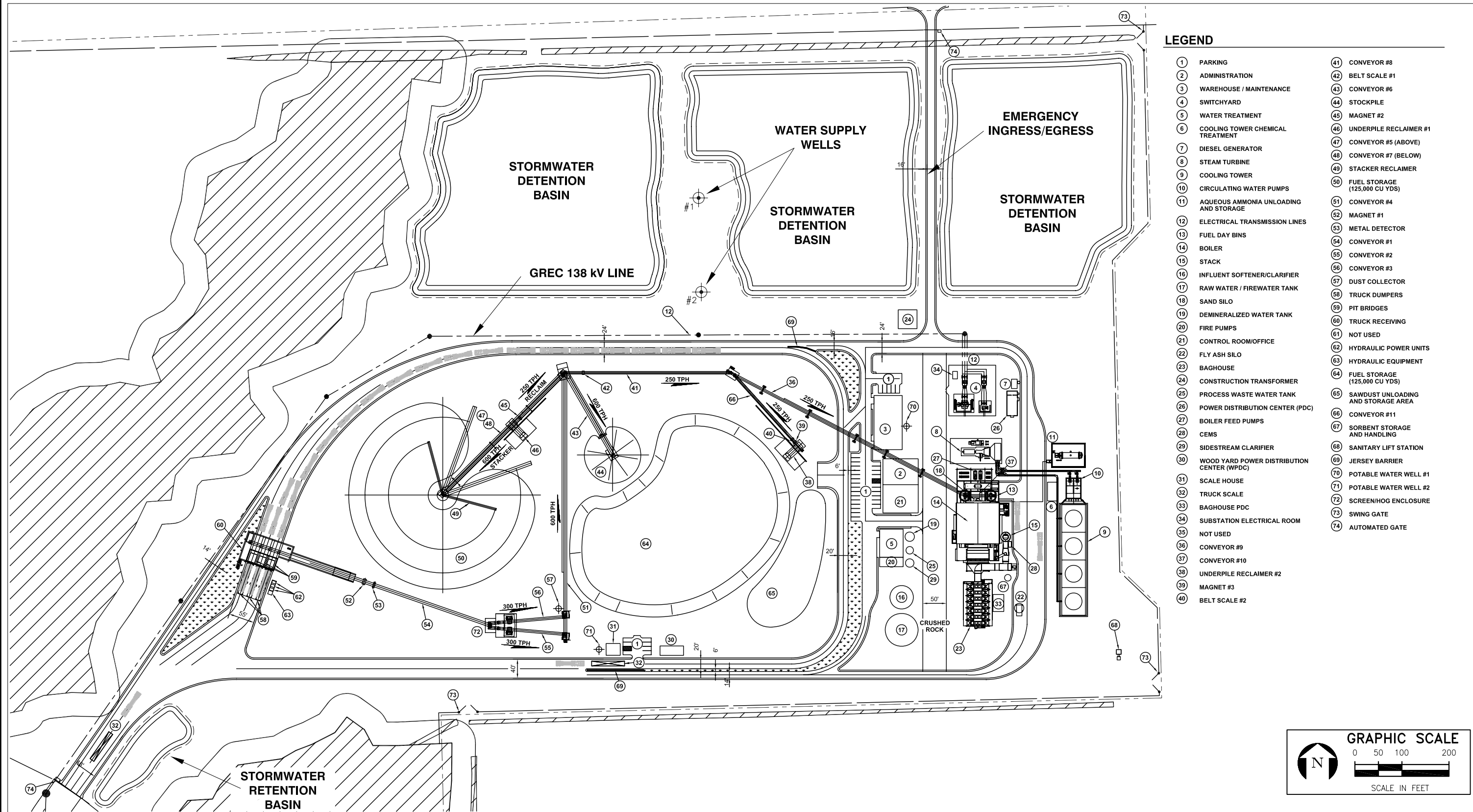


FIGURE 4.2.0-3. (REVISED 1/28/10)
DETAILED FACILITY LAYOUT FOR GREC

Source: FDOT, 2008; Genesis, 2009; Zachary, 2010; EDA, 2010; ECT, 2010.

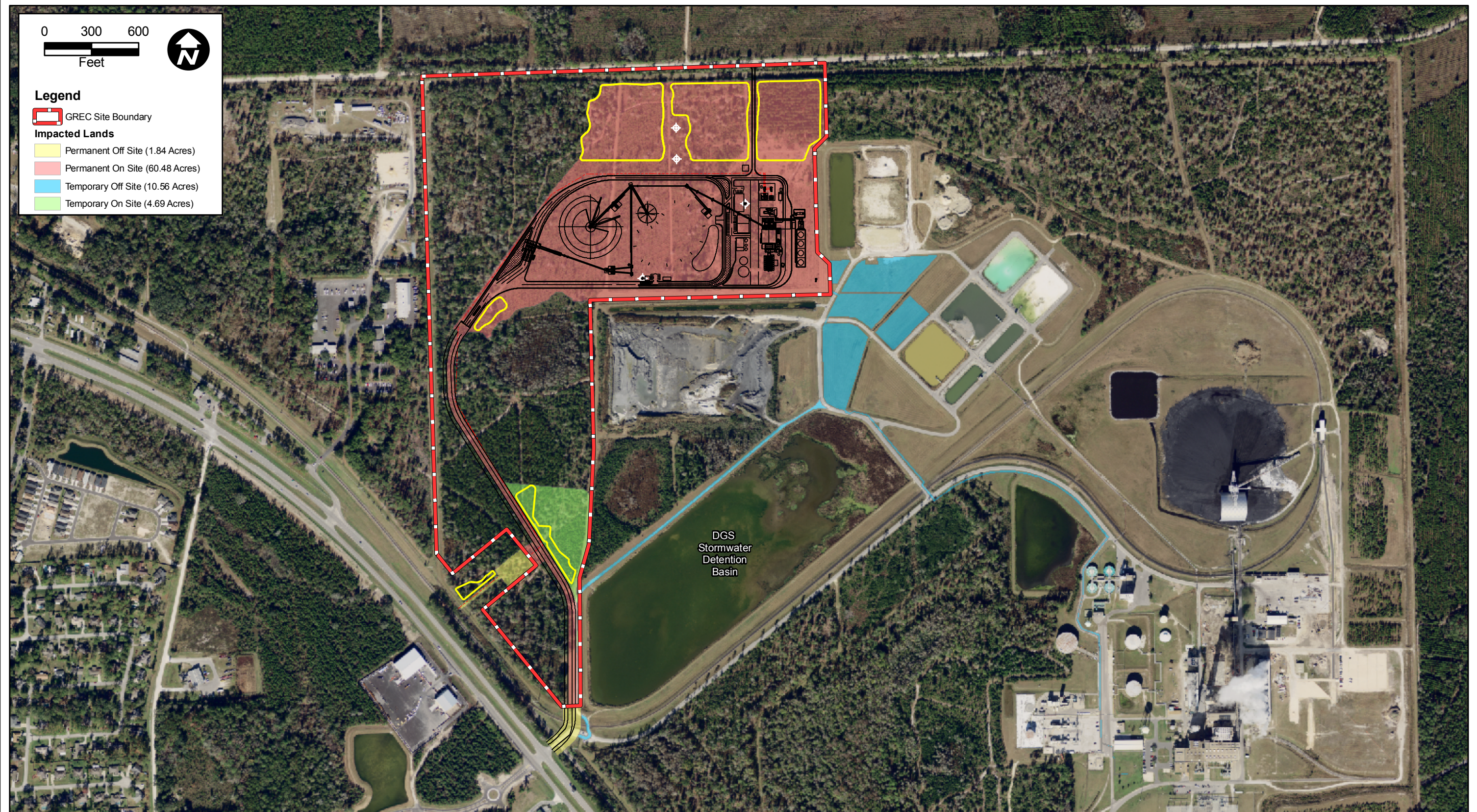


FIGURE 5.1.1-1. (REVISED 01/28/10)

LAND DISTURBED BY CONSTRUCTION ON GREC SITE
AND DGS SITE

Source: FDOT, 2008; Zachry, 2009; Genesis, 2009; ECT, 2009.