

Design Report

March 4, 2021

MLG Building Design

Marvin Griffin

1. Architectural drawing _____COMPLETE T
 - A. Floor Plan
 - B. Schedules and Details
 - C. Interior Elevations
 - D. Cross Section
 - E. Ceiling Joists
 - F. ADA Details

2. Mechanical Engineering _____COMPLETE
 - A. Air Condition Layout
 - B. Air Supply Calculations
 - C. Mechanical Schedules and Kitchen Requirements

Electrical Design _____COMPLETE

 - A. Electrical Lighting Plan
 - B. Electrical Power Plan
 - C. Electrical Panel Schedule, Load Analysis, Fixture Schedules,

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Electrical Riser Diagram

Piping Design _____ COMPLETE

- A. Plumbing Plan
- B. Plumbing Riser Diagram

3. Civil Engineering _____ A new Application Authorization Form ____ NEEDED for Submission to City for the civil Drawings.

Site Plan _____ COMPLETE

- A. Driveway Details
- B. Landscape & Parking Analysis

Drainage Plan _____ COMPLETE

- A. Grading Plan
- B. Detention Calculations
- C. Drainage Area Map
- D. Overflow and Restrictor Calculations

Utility Plan _____ COMPLETE

- A. On Site Water and Wastewater
- B. Septic Design
- C. Approval from TCEQ for septic

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D. SWPPP & Details

E. SWQMP & Report

F. Notes & Details

FYI:

Texas Commission on Environmental Quality

SWPPP for Engineering

Stormwater Pollution Prevention Plans fully comply with Plans in Compliance with the Texas General Permit TXR150000. This document is designed to protect the interests of both the owner and the primary operator of the site, without incorporating elements that subject the Operator to compliance with components that are not required under the regulation.

- Site Specific Stormwater Pollution Prevention Plan with instructions for executing and mailing of regulatory filings, preparation of the Posting and MS4 Notification Form Letter.
- Deliver the Highest Level of Compliance at the Lowest Cost
- Contractor and Owner Consultation
- Step by step instructions for use by the designated Primary Operator in adding any information that was not available at the time the SWPPP was delivered
- Spill Response Poster for jobsite trailer

SWQMP for Engineering

Stormwater Quality Management Plans are designed to fully comply with the City of Houston and Harris County requirements. The document is designed to protect the interests of the owner of the site without incorporating elements that subject the Owner to compliance with components that are not required under the regulation.

- Site Specific Stormwater Quality Management Plan
- Consultation on Stormwater Quality Treatment Options
- City of Houston SWQMP Services
 - SWQMP Narrative Preparation
 - SWQMP Submittal With City of Houston
 - Filing of Stormwater Quality Application

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- Recording of Stormwater Quality Management Plan with the Harris County Clerk's Office
- Signing & Sealing of SWQMP Document if Required
- Harris County SWQMP Services
 - SWQMP Narrative Preparation (CES is not allowed to take the SWQMP through the submittal process)
 - Signing & Sealing of SWQMP Document if Required

When project deadlines loom, allow Construction EcoServices to do what we do best, so you can focus on doing what you do best.

- ted Primary Operator in adding any information that was not available at the time the SWPPP was delivered
- Spill Response Poster for jobsite trailer