City of Mobile
Engineer's As-Built Certification
Commercial and Residential Site Work

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Project Information

Project Name: Aldi - Mobile, AL

Project Address: 5021 Rangeline Crossing Drive

Permit Number(s): ENG-071797-2021

Engineer's As-Built Certification

I hereby certify that this project was built in accordance with the permitted plans, and that drawings and calculations of any significant changes in the final construction of the project from what was shown on the originally permitted plans have been submitted to the City Engineer.

Initial Each Item Below (Enter N/A if not applicable)	Item Being Certified By the Professional Engineer of Record
MBR	Two (2) copies of the **AS-BUILT** plans meeting the following requirements are provided: 1. The plans are marked as-built and the Engineer of Record has signed, sealed, and dated each plan sheet. 2. The plans include a site plan sheet reflect the as-built condition of all existing and constructed features on site 3. The plans include a grading and drainage plan sheet showing the as-built elevations of the top, throat, inverts of all drainage structures, all as-built elevations necessary to substantiate runoff is collected on site, routed, and detained as designed, and the as-built elevations/topography of all detention facilities. 4. If the landscaping plan has changed, an as-built landscaping sheet should be included for review by planning and zoning.
MBR	The following digital submissions of the **AS-BUILT** plans are provided: 1. A PDF file of the plans 2. A CAD (DXF, DWG, or DGN) or GIS (SHP) file showing all drainage and/or utility installations constructed correctly referenced to NAD83 Alabama State Plane Coordinate System (West Zone) in U.S. Survey feet OR in a format approved by the Engineering and GIS department compatible with the City of Mobile GIS system. The above files have been e-mailed to land.disturbance@cityofmobile.org or provided on an external storage device/CD.
N/A	The Detention Area and Water Quality Maintenance Plan/Agreement has been executed, recorded at probate court, and provided as required.
N/A	The Detention Area and Water Quality Right-of-Entry Easement has been recorded and provided as required.

Initial Each Item Below (Enter N/A if not applicable)	Item Being Certified By the Professional Engineer of Record
N/A	Storm drainage video files and a written report are provided for all drainage pipes utilized for private underground detention, connecting to or placed within the ROW or Public Easements (e.g. outfall to City drainage system connection), or existing drainage pipes carrying City of Mobile system stormwater through private property. The video pans left and right at all joints and provides adequate video-graphic documentation of any deficiencies. The report includes a pipe layout plan with nomenclature matching the videos and as-built drainage plans and, for each pipe videoed, a sheet detailing the pipe properties (e.g. name, size, material, etc.) with a diagram showing the stations and video time stamps of the beginning, end, and any deficiencies noted.
N/A	I have reviewed the required storm drain videos and video report and the drainage pipes/structures were all found to be free of sediment or debris and do not depict any pipe deficiencies (e.g. lifting eyes, cracks or holes in pipe, bad joints, etc.). A field inspection has been performed to confirm my findings.
MBR	Field inspection of the junction boxes, manholes, inlets, outfall control structures, etc. to confirm they are currently free of sediment and debris, connections to these structures are properly grouted to mitigate any potential for creating voids, and inverts have been poured in the bottom of the structures which do not have sumps
N/A	All pipe installed in the ROW, Public Easements, or existing drainage pipes carrying City of Mobile system stormwater through private property are installed with no joints wrapped with filter fabric, no lifting holes, and are a minimum 15 inch diameter Class III or stronger reinforced concreter pipe (RCP)
MBR	As-built junction box/manhole/inlet invert and top elevations and outfall invert elevations were checked, are noted on the as-built plans, and are in accordance with the permitted plans and drainage calculations
MBR	Manhole and utility rings are properly installed.
N/A	Energy dissipation at the outfall discharge point(s) have been constructed in accordance with the permitted plans and in accordance with ALDOT standards where applicable. If riprap was used, it was installed with the required dimensions, class, and quantity and was underlain with filter fabric.
N/A	Headwalls are properly constructed flush with the adjacent ground and the adjacent ground is stable with permanent vegetation (or riprap if required). If the headwall is subject to erosive forces, it has been constructed to prevent erosion and undermining of the headwall. If the headwall is subject to potential oncoming traffic collisions, it has been constructed according to ALDOT Standard Drawing HW-614-SP (ALDOT Safety Headwall).
MBR	The storm drainage system and storm water detention facilities were constructed in accordance with the permitted plans. Detention pond is solid sodded or permanently stabilized by method approved by the City of Mobile Engineering department.
N/A	Surveyed storm water detention volume: _____ cubic feet, which is greater than or equal to the permitted storm water detention volume. Permitted storm water detention volume is _____ cubic feet.
N/A	The orifice plate/weir is sized and installed correctly. Provide the orifice plate/weir: measured size _____ inches; the required size from the permitted plans is _____ inches.
N/A	The orifice plate is securely attached.
N/A	All traffic striping, markings and legends in the City ROW are thermoplastic and constructed in accordance with the permitted plans.
N/A	Traffic signal(s), traffic signal controller, loops, and all other associated traffic signal work were constructed in accordance with the permitted plans.

Initial Each Item Below (Enter N/A if not applicable)	Item Being Certified By the Professional Engineer of Record
N/A	Irrigation system and associated items in the Right of Way were constructed in accordance with the permitted plans.
MBR	Driveway aprons, sidewalk, handicapped ramps, solid sod, vegetation, etc. in the ROW were constructed in accordance with City of Mobile Standard Drawings and the permitted plans.
MBR	Existing or newly constructed sidewalk and driveways in the right-of-way are in a condition free of hazards to pedestrians or vehicles.
MBR	Neutral ground in the ROW is solid sodded or permanently stabilized by method approved by the City of Mobile Engineering department.
MBR	Embankment and/or excavated slopes are 3:1 or flatter (maximum slope) unless explicitly approved on the permitted plans. Slopes greater than 3:1 are permanently stabilized with concrete slope paving or permanently stabilized by method approved by the City of Mobile Engineering department.
N/A	Low impact development design is constructed in accordance with the permitted plans.

Additional Comments:

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Date of Engineer's Final Inspection: 02/22/2022

Name of Engineering Firm: CESO, Inc.

Printed Name of Engineer: Matt Regenold **Prof. License No.:** 38221

Signature of Engineer: _____ **Date:** 02/23/2022

Engineer's Seal (Affix Seal, Sign, and Date in the Box to the Right)**:**