



**City of Mobile
Engineering Department
Land Disturbance Permit Certification**

TIER 1

I hereby certify:

- ___ 1. that the land disturbance permit (for which I am submitting this application) gives the contractor permission to work on private property only. Furthermore, I understand, that a right-of-way permit must be prepared under my direction and submitted separated (and certified on # 15 and #16 below) for work in the City and/or ALDOT Right-of-Way.

___ A. I certify that I have given the owner/developer and contractor the attached letter stating this requirement and a copy is attached herewith.

___ B. If a contractor has not been selected at this time, the owner/developer has received a copy of this letter to provide the contractor once selected.

- ___ 2. ___ A. that I, or an appropriate person under my supervision, have been retained to and will inspect and certify that the project will be built according to the permitted plans in accordance with the latest version of Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas, and that if there are significant changes in final construction of the project from the permitted plans, as-built drawings and calculations will be submitted to the City of Mobile for approval. As-built drawings are required to be submitted no more than 120 days of the Temporary Certificate of Occupancy (TCO) being issued by Engineering. Per ADEM's permit with the City of Mobile, no extensions of a TCO can be issued.

___ B. that I have not been retained to inspect and certify that the project will be built according to the permitted plans. A letter of supervision from the engineer who will be performing the construction observation/certification will be submitted before a land disturbance permit will be issued.

- ___ 3. that sedimentation and erosion control plan and Construction Best Management Practice Plan (CBMPP) is provided

___ A. is provided as a part of the land disturbance application and it is in compliance with existing federal, state, municipal and the latest version of Alabama Handbook for Erosion Control, Sediment Control, and Storm water Management on Construction Sites and Urban Areas. The Construction Best Management Practice Plan (CBMPP) must provide that the contractor is responsible for daily inspection and continued maintenance of erosion control elements.

___ B. is not provided with this application; it shall be the responsibility of the contractor is to provide the erosion control plan and CBMPP in compliance with existing federal, state, municipal and the latest version of Alabama Handbook for Erosion Control, Sediment Control, and Storm water Management on Construction Sites and Urban Areas. The CBMPP must provide that the contractor is responsible for daily inspection and continued maintenance of erosion control elements. The erosion control plan and CBMPP, stamped by a licensed engineer in the State of



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Alabama, with a letter of supervision for the erosion control plan will be provided before a land disturbance permit will be issued.

- ___ 4. that all drainage calculations are completed with due care and comply with all existing federal, state, and municipal requirements, as applicable to the type site proposed.
- ___ 5. that the grading and drainage plans comply with existing federal, state, municipal standards and guidelines.
- ___ 6. ___ A. that if an existing detention facility is utilized, the detention facility has been field-surveyed to verify the capacity and functionality of the existing detention facility. If it is found to be deficient, the pond will be brought up to the required capacity and functionality before a Certificate of Occupancy will be issued.

___ B. that a notarized letter from the owner is attached stating that the owner agrees to maintain the detention facility in accordance with the attached detention facility maintenance plan.

___ C. that a notarized letter from the owner will be provided before a land disturbance permit will be issued. The letter states that the owner agrees to maintain the detention facility in accordance with the attached detention facility maintenance plan.

___ D. that if no detention facility is required based on the type development proposed.

___ E. that an existing detention facility is utilized, but the maintenance of the facility is not the responsibility of the owner. Documentation is attached to this submittal to confirm that detention facility maintenance is not the responsibility of the owner.
- ___ 7. that the plans require any area within the site constructed after 1984 to be brought to compliance with the City of Mobile's storm water ordinance.
- ___ 8. that the receiving storm drainage system(s) can handle the additional flow due to the proposed development. Based on one of the following being met:

___ A. City of Mobile Flood Plain Management Plan, page 26, "An adequate channel shall be defined as a natural or man-made channel or pipe which is capable of conveying the run-off from a 10 year storm without overtopping its banks or eroding after development of the site in question, or without causing the flooding of structures from the 10 year storm event."



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8. (CONTINUED)

____ B. If the outfall is into a natural watercourse, the ten-year peak flow from the development within the watershed must be at a flow rate and velocity, which the watercourse can handle without erosion or over bank flooding.

____ C. The existing City of Mobile outfall system does not meet the required 10-year design capacity; therefore, the pre-development peak flow has been reduced by an amount large enough to avoid making improvements to the outfall system.

____ D. The existing outfall system is inadequate.

____ 1. Analysis of the existing outfall system is provided. I have verified that there is no historical flooding in the area, based on examination for evidence of prior flooding and by documenting discussion with neighbors adjacent to the existing outfall. I certify that there is no flooding problem created with this development for a 10-year storm.

____ 2. Analysis of the existing outfall system is provided. I have verified that there is historical flooding in the area, based on examination for evidence of prior flooding and by documenting discussion with neighbors adjacent to the existing outfall. A storm water detention system providing 100-year volume with a pre-development two-year release (volume and velocity) has been designed.

____ E. There is no existing outfall. Therefore an infiltration system is proposed. The drainage calculations are enclosed along with a geotechnical report addressing the percolation rate, the required soil layers for the system, the relationship between the location of the infiltration system and the water table, and the required maintenance plan for the system function properly; a certification letter from the geotechnical engineer stating that the system design will function as designed is enclosed. The maintenance plan should be signed by the owner and notarized.

____ F. There is no existing outfall. A drainage system is being constructed to tie to the nearest City of Mobile storm drainage system (within 300 feet of the project). The design and calculations for the proposed drainage system are provided. The receiving City of Mobile system has been analyzed and meets:

____ 1. City of Mobile Flood Plain Management Plan, page 26, "An adequate channel shall be defined as a natural or man-made channel or pipe which is capable of conveying the run-off from a 10 year storm without overtopping its banks or eroding after development of the site in question, or without causing the flooding of structures from the 10 year storm event."

____ 2. The existing outfall system does not meet the required 10-year design capacity; therefore, the pre-development peak flow has been reduced by an amount large enough to avoid making improvements to the outfall system.



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8.F. (CONTINUED)

_____ 3. The existing outfall system is inadequate. Analysis of the existing outfall system is provided. I have verified that there is no historical flooding in the area, based on examination for evidence of prior flooding and by documenting discussion with neighbors adjacent to the existing outfall. I certify that there is no flooding problem created with this development.

_____ G. There is no existing outfall. The storm drainage is being conveyed via pipe into the existing gutter. Drainage calculations are provided quantifying the spread to be within the allowable limits for the appropriate type roadway facility onto which the release is proposed.

_____ H. There is no existing outfall. The storm drainage is being conveyed via pipe into the existing gutter. When the spread was quantified, it was NOT within the allowable limits for the appropriate type roadway facility onto which the release is proposed. Therefore, detention is provided on-site, to reduce the release to be within the allowable limits for spread.

_____ 9. _____ A. that site drainage is tied to the City of Mobile's storm water system,

_____ B. that site drainage is not tied to the City of Mobile's storm water system, the City of Mobile Legal Department standard *release* agreement or an agreement meeting the approval of the City of Mobile Legal Department will be submitted before a land disturbance permit is issued. The release agreement will be court-recorded, and the recording information supplied to the City of Mobile Engineering Department before a land disturbance permit will be issued on commercial sites, and before building permits are issued on subdivisions with streets to be accepted for City of Mobile maintenance. If the storm water discharge ties to a private system, an analysis of the private system is enclosed and shows that the private system can handle the additional flow.

_____ C. that site drainage is not tied to the City of Mobile's storm water system, the City of Mobile Legal Department standard *release* agreement or an agreement meeting the approval of the City of Mobile Legal Department will be submitted before a land disturbance permit is issued. The release agreement will be court-recorded, and the recording information supplied to the City of Mobile Engineering Department before a land disturbance permit will be issued on commercial sites, and before building permits are issued on subdivisions with streets to be accepted for City of Mobile maintenance. If storm water drains onto the adjacent property owner before the runoff reaches a City of Mobile system, the analysis of the City of Mobile system is analyzed under number 7 of the certification.



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9. (CONTINUED)

 D. that site drainage is not tied to the City of Mobile's storm water system, the City of Mobile Legal Department standard *release* agreement or an agreement meeting the approval of the City of Mobile Legal Department will be submitted before a land disturbance permit is issued. The release agreement will be court-recorded, and the recording information supplied to the City of Mobile Engineering Department before a land disturbance permit will be issued on commercial sites, and before building permits are issued on subdivisions with streets to be accepted for City of Mobile maintenance. If storm water crosses more than one property owner before tying to the City of Mobile storm water system, a release agreement will be obtained from all affected downstream property owners until the runoff reaches a City of Mobile system. The City of Mobile system is analyzed under number 7 of the certification.

 E. that site drainage is not tied to the City of Mobile's storm water system, a storm water detention system providing 100-year volume with a pre-development two-year release (volume and velocity) has been designed.

 10. that if the disturbed area is one (1) acre or greater, the site will be registered with the Alabama Department of Environmental Management (ADEM).

 A. the ADEM NOI and/or ADEM permit is provided with this application.¹

 B. the ADEM NOI is not provided with this application; it will be applied for at a later date. I understand that the ADEM NOI must be provided before a land disturbance permit will be issued.¹

 11. A. that wetlands are not shown on-site or on the City of Mobile GIS system

 B. that if wetlands exist on-site or shown on City of Mobile GIS system, they have been delineated by a certified professional and the delineation is depicted on the plans.

 1. wetlands are not disturbed.

 2. wetlands are disturbed and a Corps of Engineers permit has been submitted with this application.

 3. wetlands are disturbed and a Corps of Engineers permit will be submitted at a later submittal. I understand that the submission of the Corps of Engineers permit is required before a land disturbance permit will be issued.

 C. that wetlands are shown on City of Mobile GIS system, but are not present on-site, and the attached letter from a licensed environmental professional has disproved their existence.



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- ___ 12. that plans should clearly identify that developers/owners of the site are required to maintain post-structural and non-structural construction BMPs until the maintenance responsibility is legally transferred to another party.
- ___ 13. that if the site is in a flood plain, all requirements of Division 2. Floodplain Requirements of the City of Mobile Storm Water Ordinance are complied with.
- ___ 14. that dumpster shown on plans is tied to sanitary sewer and turning template is shown on plans for dumpster to drive pickup route on the property. Pick up turning template is in accordance with the waste company provided for actual vehicles available at the time of design. I have contacted possible delivery companies for information on waste vehicles.
- ___ 15. that Right of Way permitted plans comply with the latest version of the Rights of Way Construction and Administration Ordinance Article VIII of Chapter 57 and all existing applicable state, federal and municipal standards and guidelines.
- ___ 16. ___ A. that a City Right of Way permit is required for any work in the City Right of Way and a permit is being submitted to the Engineering Department at the same time the land disturbance permit is being submitted to Central Permitting (Urban Development).
- ___ B. that a City Right of Way permit is required for any work in the City Right of Way and a permit will be submitted to the Engineering Department at a later date by the contractor. I understand NO WORK can begin in the City Right of WAY without a City Right of Way permit from the Engineering Department.
- ___ C. that a permit from the Alabama Department of Transportation is required for any work in the State Right of Way and the permit has been applied for. I understand that a copy of the ALDOT permit documentation is required to be submitted to the Engineering Department, before beginning work in the State Right Of Way.
- ___ D. that a permit from the Alabama Department of Transportation is required for any work in the State Right of Way and the permit will be applied for by the contractor. I understand that a copy of the ALDOT permit documentation is required to be submitted to the Engineering Department, before beginning work in the State Right Of Way.
- ___ E. that no work is proposed in the City or State Right of Way; therefore no Right of Way permit is required.
- ___ 17. that post-construction site conditions are designed to provide runoff that mimics the pre-development hydrology for 1.2" of rainfall over a 24 hour period preceded by a 72 hour antecedent dry period.¹



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I hereby certify that the project was designed according to the federal, state, and city standards/guidelines applicable to the project, to the best of my knowledge.

As shown on land disturbance permit checklist (attached to this certification), all required items have been submitted.

I understand with the submission of this certification that the penalty for three (3) submissions with significant deficiencies in a one-year period is that the review fee for the first review of the next submittal will be \$1000. The City of Mobile will provide written warning to the Engineer when a submittal is found to be deficient. This warning shall inform the Engineer of the number of deficient submittals they have made in the last one-year period.

Furthermore, I understand that in cases in which an engineer knowingly makes materially false certifications, these false certifications may be reported to the Alabama State Board for Licensure for Professional Engineers and Land Surveyors.

I understand that all re-submittals will be considered a NEW submittal and reviewed in the order in which it was submitted.

I certify that I am a professional engineer, qualified in civil engineering, in good standing with the Alabama State Board of Licensure for Professional Engineers and Land Surveyors.

Printed Name of Engineer: _____

Signature of Engineer: _____

Professional License No.: _____

Date: _____

SEAL