General Notes:

1. All traffic control devices and their installation shall be in accordance with the Alabama Manual on Uniform Traffic Control Devices, latest edition, and shall be the contractor's responsibility.
2. All construction shall be in accordance with the local jurisdiction, Standards and Specifications, latest edition.
3. Notify the local jurisdiction 48 hours before beginning construction.
4. Utility locations may vary. Contractor shall have all utilities field located prior to beginning construction.
5. All activities shall be conducted in a logical sequence so as to minimize the area of exposed soil at one time.
6. Any sediment reaching the roadway shall be removed by street cleaning, not by flushing, before the end of each day.
7. Contractor shall be responsible for obtaining all required permits.
8. Job safety is the sole responsibility of the contractor.
9. Stone backfill shall be used the full depth of trench under all pavement. All utilities under pavement shall be backfilled with stone.
10. Storm pipe shall be Reinforced Concrete Pipe Class III, unless otherwise indicated on plans. All ADS Pipe to be dual wall construction pipe.
11. Contractor shall be responsible for construction & maintenance of erosion and sedimentation controls during construction for protection of adjacent properties, roadways and waterways.
12. Contractor and developer responsible for providing a building site free of drainage problems.
13. No subsurface investigation has been done by Pressnell Engineering, LLC. A geotechnical engineer should review the site before beginning construction. Grading Contractor is responsible for verifying with geotechnical engineer that slopes shown on plans are acceptable with soil type.
14. Site is not located in a designated flood hazard area (site is in Zone 'X') according to F.I.R.M. Panel #01117C0277 E, dated February 20, 2013.
15. Contractor shall provide drainage away from the buildings.
16. Precast structures may be used at the contractor's option.
17. Contractor shall be responsible for coordination and cost of the relocation of all utilities along the right of way and on the site associated with the construction of this project, such as, but not limited to signal poles, signal controls, drainage structures, traffic signs, utility poles, guy wires, etc. Contractor to have existing utility poles, utility services lines, meters, etc. removed from site prior to beginning construction.
18. In all areas where new curb and gutter are installed, remove all old curb and gutter and saw cut a straight edge along asphalt.
19. The earthwork for all building foundations and slabs shall be in accordance with architectural plans and specifications.
20. Contractor is responsible for repairs of damage to any existing improvements during construction, such as, but not limited to, drainage, utilities, pavement, striping, curbs, etc. Repairs shall be equal to or better than existing conditions.
21. All slopes and disturbed areas not covered by building or pavement shall be graded smooth and receive 4 inches of topsoil. Contractor to provide topsoil if not available on site. The areas shall be seeded, mulched, fertilized and watered to provide a hearty mowable stand of grass. Small rocks must be removed. Any areas disturbed for any reason prior to final acceptance of the project shall be corrected by the contractor at no additional cost to the owner.
22. Any fill used to increase the elevation of the floor slab or any fill to be used as backfill, shall be approved by the geotechnical engineer. Prior to the use of any granular fill, laboratory analysis shall be performed on representative samples of the fill material to determine whether the material is suitable as fill. Compacted fill shall be placed in layers of not more than eight inches in thickness, at moisture contents within three percent optimum, and compacted to minimum density of 98 percent of the maximum dry density as determined by the standard proctor method, ASTM D-698. All areas of fill to have compaction tests performed by geotechnical engineer prior to constructing improvements in said areas.
23. All spot elevations are top of pavement unless otherwise noted.
24. All system manholes and pipes to be flushed clean prior to turning over to the owner.
25. All pipe lengths (if shown) listed are based on the horizontal distance from center of structure and used for design.
26. The contractor is responsible for comparing the storm sewer and sanitary sewer elevations and informing the engineer of any conflicts or discrepancies prior to commencement of construction.
27. Contractor to notify appropriate utility 48 hours prior to beginning any construction on service lines and taps of existing mains. Contractor is responsible for all utility permits.
28. All Drain Basins and grates are to be rated for road / highway traffic.
29. Boundary and topographic information taken from survey by others. Information has not been field verified by Pressnell Engineering.
30. It is the contractors responsibility to verify that all structures and or devices shown on plans meet current specifications and are pre-approved by the local jurisdiction prior to installation.

Erosion & Sedimentation Notes:

1. A copy of the accepted erosion and sedimentation control plan shall be on file at the job site. Copies of all monthly reports and all accidental discharge reports, must also be kept on-site and must be available for inspection by the city or ADEM official at any time.

2. The person(s) proposing to conduct any land disturbing activity, an agent, contractor, or other representative of such person, must contact the local jurisdiction at least five (5) business days before the commencement of such land disturbing activity, to advise the jurisdiction of the commencement of the land disturbing activity.

3. The angle for graded slopes and fills shall be no greater than the angle which can be retained by vegetative cover, or other adequate erosion control devices or structures. Any slope or fill which has been graded shall, within fourteen (14) days of the completion of such grading, or the completion of any phase of grading, be planted or otherwise provided with ground cover, materials, devices or structures sufficient to restrain erosion. The BMP's shall remain in place in accordance with the BMP Plan until the graded slope or fill is stabilized.

4. Adequate protective measures shall be provided for the containment of hazardous substances and any other materials which may pollute the MS4. Petroleum products, lubricants, paints and all other hazardous substances shall be stored in accordance with SPCC regulations. These substances shall be stored away from all storm drains, ditches and gutters in water tight containers. Disposal of these materials shall be in accordance with ADEM Regulations. Contractors shall provide adequate trash containers, on site, for disposal of construction materials and the contractor shall be responsible for preventing trash from the site to enter into the storm drainage system.

5. All control measures shall be checked, and repaired as necessary, monthly in dry periods and within twenty-four (24) hours after any rainfall at the site of 0.75 inches, within a twenty-four (24) hour period. During prolonged rainfalls, daily checking and, if necessary, repairs shall be made. The permittee shall maintain written records of such checks and repairs and those records shall be subject to the inspection of the Director or his/her designee at any reasonable time.

6. All potentially hazardous materials shall be properly stored and may not be exposed to rain or stockpiled. All containers are to be closed and stored or placed in a covered area. All excess or waste materials are to be properly disposed of and trash and waste must be disposed of every ten (10) days, at a minimum.

7. Erosion control measures shall be maintained as an effective barrier to sedimentation and erosion in accordance with the provisions of this Ordinance.

8. Sediment deposits must be removed when they reach a depth of 6 inches or ½ the height of the silt fence as installed, to provide adequate storage volume for the next rain and to reduce the pressure on the silt fencing.

9. Silt fencing fabric that is collapsed, torn, decomposing, or becomes ineffective must be replaced promptly.

10. There shall be no distinctly visible floating scum, oil, or other matter contained in the storm water discharge. The storm water discharge to an MS4 must not cause an unnatural color (except dyes or other substances discharged to an MS4 for the purpose of environmental studies and which do not have a harmful effect on the bodies of water within the MS4) or odor in the community waters. The storm water discharge to the MS4 must result in no materials in concentrations sufficient to be hazardous or otherwise detrimental to humans, livestock, wildlife, plant life or fish and aquatic life in the community waters.

11. When the land disturbing activity is finished and stable vegetation or other permanent controls have been established on all remaining exposed soil, the owner of the land where the land disturbing activity was conducted, or his/her authorized agent, shall notify the Engineer / QCIP of these facts and request a Final Inspection.

12. Contractor shall refer to the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas (provided by the Alabama Soil and Water Conservation Committee) for details and measures referred to in this plan.

13. Erosion control devises shown on plans are minimum recommended requirements. Additional erosion control measures may be required to prevent sediments from leaving the site and shall be implemented by the contractor as needed due to site conditions.

14. Erosion control devices may be substituted by other means that operate at least as well as ones listed, and as approved by engineer.

15. Contractor shall maintain a rain gauge and rain records for the site. All rain events greater than 3/4 inch in a 24 hour period shall be reported in writing to the QCIP performing ADEM inspections.

Construction Sequence for Erosion Control

1. Contractor shall prepare and submit a CBMPP and obtain a land disturbance permit from appropriate authority. Plan shall meet all requirements of the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas.

2. Prior to clearing site, contractor shall begin by installing construction drive and all perimeter silt fences.

3. All existing streams shall be protected from silt and erosion by installation of measures such as silt fences, hay bales, & temporary sediment basins.

4. Contractor may now begin clearing, grubbing and other earthwork operations on the site.

5. Water from the site shall be directed to temporary sediment areas at locations determined by the qualified credentialed professional prior to being released to the stream.

6. Areas not to receive paving, sidewalks or building exposed at grade or near grade shall be provided with ground cover, materials, devices or structures sufficient to restrain erosion within 13 days of completing grading activities. Temporary grassing or permanent grassing shall be installed to mitigate the effects of rain on the subgrade or finished grade.

7. Once all land disturbance has been completed and all disturbed areas are stabilized, contractor to notify permitting authority for final inspection of site.

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1.24.19

DRAWN BY: BSP | CHECKED BY: BSP | DATE: 1/24/19

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Civil Notes

PROJECT #: 18026.02
ROC-60 TALL 20/20 IMAGE: NOVEMBER 2018 DESIGN RELEASE
BURGER KING RESTAURANT
STREET ADDRESS
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