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CENTER PARK RESTROOM
FACILITIES AND SHADE
PAVILION

City of Centerville

103 E CHURCH ST
CENTERVILLE, GA
31028

REVISIONS		
#	DATE	DESCRIPTION

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Date: 11/04/19

Drawn By: DRW

Checked By: CHK

Project Number: 2018-077

Drawing Name:

Soil Erosion
Control Notes

Drawing Number:

C-9

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CLEARING PHASE - EROSION CONTROL NOTES

Prior to the land disturbing construction, the contractor shall schedule a pre-construction meeting with the area site development inspector. The contractor shall observe the project sequence shown on the plans. The contractor shall maintain careful scheduling and performance to ensure that land stripped of vegetation without first acquiring the necessary variances and permits.

2. EACH SECONDARY PERMITEE WILL BE PROVIDED WITH A COPY OF THE EROSION CONTROL PLANS ON PORTIONS OF THE PLAN APPLICABLE TO THEIR SITE AND EACH SECONDARY PERMITEE SHALL SIGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE.

3. ANY AMENDMENT TO THE EROSION CONTROL PLANS WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

4. AFTER CONSTRUCTION EROSION AND SEDIMENTATION WILL BE MANAGED BY STABILIZED LOT CONSISTING OF PAVED DRIVEWAY, GRASSING, LANDSCAPING, AND HOME SITE.

5. MINIMIZING WIND EROSION AND CONTROLLING DUST WILL BE ACCOMPLISHED BY ONE OR MORE OF THE FOLLOWING METHODS:
A. COVERING SOIL OR MORE OF THE SOIL SURFACE WITH NON-ERODIBLE MATERIAL.
B. BROOMING THE SOIL TO PRODUCE RIDGES PERPENDICULAR TO THE PREVAILING WIND.
C. FREQUENT WATERING OF EXCAVATION AND FILL AREAS.
D. PROVIDING GRVEL OR PAVING AT ENTRANCES TO EXIT DRIVES

TEMPORARY SEDIMENT BASINS WILL BE CONSTRUCTED TO ACCOMMODATE UP TO 100 CUBIC YARDS OF STORAGE PER ACRE DISTURBED.
THE CONSTRUCTION OF TEMPORARY SEDIMENT BASINS FOR THIS PROJECT WILL CAUSE MORE HARM THAN BENEFIT IN THIS PROJECT AND, THEREFORE, HAS NOT BEEN DESIGNED.

WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14th DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES OR IS PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED (E.G. TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS), STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14th DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

PLEASE REFER TO DETAIL SHEETS FOR THE LAND DISTURBANCE CONSTRUCTION SCHEDULE AND TEMPORARY AND PERMANENT GRASSING SCHEDULES.

STORM WATER FROM THIS DEVELOPMENT WILL BE ROUTED THROUGH THE EXISTING STORM WATER SYSTEMS AND GRASS SWALES TO THE SAILING LAKE IDENTIFICATION. THE STORM WATER WILL BE DISCHARGED FROM THE DETENTION FACILITIES TO A TRIBUTARY OF THE CREEK.

NON-STORM WATER DISCHARGES
All non-storm water discharges will be routed through on-site BMPs and the storm water management systems where possible. These discharges include flushing of water and fire lines, irrigation, water, ground water, dewatering of pits or depressions within the construction site and rinsing off water of non-toxic materials.

OTHER CONTROLS
NO WASTE WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE.

WASTE MATERIALS
All waste materials will be collected and stored in a securely fitted metal dumpster. The dumpster will meet all solid waste management regulations. All trash and construction debris from the site will be disposed in the dumpster. The dumpster will be emptied a minimum of once a week or more often if necessary and trash will be hauled as required by local regulations. No construction waste will be buried onsite.

All personnel will be instructed on proper procedures for waste disposal. A notice stating these practices will be posted at the jobsite and the contractor will be responsible for seeing that these procedures are followed.

Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 Permit.

GENERAL NOTES

1. NON-EMERGENCY ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR SOFT UNDISTURBED STREAM BUFFER AS MEASURED FROM THE POINT OF INTEREST VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

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All waste materials will be collected and stored in a securely fitted metal dumpster. The dumpster will meet all solid waste management regulations. All trash and construction debris from the site will be disposed in the dumpster. The dumpster will be emptied a minimum of once a week or more often if necessary and trash will be hauled as required by local regulations. No construction waste will be buried onsite.

All personnel will be instructed on proper procedures for waste disposal. A notice stating these practices will be posted at the jobsite and the contractor will be responsible for seeing that these procedures are followed.

Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 Permit.

GRADING PHASE - EROSION CONTROL NOTES

The following erosion control measures shall be implemented during the preliminary grading phase of construction.

During construction, the contractor shall maintain careful scheduling and performance to ensure that land stripped of the natural ground cover is exposed only in small quantities and therefore limited durations, before permanent erosion protection is established. Note sub phases shown on plans.

Earthwork operations in the vicinity of stream buffers shall be carefully controlled to avoid dumping or stouping into the buffer areas.

Sediment shall not be washed into inlets. It shall be removed from the sediment traps and disposed of and stabilized so that it will not enter the inlets again.

Erosion control devices shall be installed immediately after ground disturbance occurs. The location of some of the erosion control devices may have to be altered from that shown on the approved plans if drainage patterns during construction are different from the proposed drainage patterns. It is the contractor's responsibility to accomplish erosion control for all drainage patterns created at various stages during construction. Any difficulty in controlling erosion during any phase of construction shall be reported to the design professional immediately.

The contractor shall furnish and maintain all necessary barricades while roadway traffic improvements are being made.

Type "A" silt fence shall be installed at the toe of all fill slopes 10 feet or greater in height. The silt fence shall be placed in accordance with the manual for erosion control in Georgia, Table 6-20.2. The silt fence shall be maintained until permanent ground cover is established on the slope. Silt shall be removed when accumulation reaches 1/2 height of the barrier. Additionally, diversion ditches shall be constructed along the top of all soil fill slopes with the use of temporary down drains to control storm water run off as shown on the plans. See separate details for additional information.

The contractor shall be responsible for establishing silt fence at the toe of slopes under construction. These silt fences may be relocated and reused after permanent slope stabilization becomes fully established. As they are relocated, any defective materials in the silt fence shall be replaced. In addition, debris and silt at the previous location shall be removed.

Type "B" silt fence shall be placed at the toe of all dirt stockpile areas. See separate details for additional information.

Cut and fill slopes are not to exceed 2:1H.

At the end of each work day all newly disturbed slopes steeper than 2:1H and higher than 5 feet shall receive surface roughening, polymer, and erosion control matting. Additionally, all fill slopes shall receive a diversion ditch and temporary down drains along the top of the slope preventing drainage spilling over the slope and down the face of the slope. The temporary down drains shall be constructed with perforated pipes at the top of the slope and reconstructed each day as the slope increases in height. See separate details for additional information.

Intel sediment protection measures shall be installed at all storm structures as they are constructed. See plan view for specific type and separate details for additional information on types of intel protection required.

Storm drain outlet protection shall be installed at all outlet manholes as soon as the manhole is constructed. See separate details for additional information.

Stone check dams shall be installed in areas of concentrated flows as shown on the plans. See separate details for additional information.

All drainage swales shall be applied with vegetative cover as soon as final grade is achieved.

All graded areas shall be applied with vegetative cover as soon as final grade is achieved.

Much temporary grassing shall be applied to all exposed areas with 7 days of land disturbance.

Disturbed areas left mulched after 30 days shall be stabilized with temporary grassing.

During preliminary grading activities, the contractor shall construct temporary sediment basins and diversion ditches as shown on plans. The contractor shall maintain the permanent pond until permanent ground cover is established. Sediment shall be cleaned out of the basins when it reaches the 1/3 depth of basin. See separate details for additional information.

Sediment and erosion control measures should be checked after each rain event. Each device is to be maintained or replaced if sediment accumulation has reached one half the capacity of the device. Additional devices must be installed if new channels have developed.

The construction exit shall be maintained in a condition which will prevent track or flow of mud onto public right-of-way. This may require periodic top dressing with 1-3 inches of stone, as conditions demand. All materials applied, dropped, washed, or tracked from vehicle onto public roadway or into storm drain must be removed immediately.

The contractor shall inspect control measures at the end of each working day to ensure measures are functioning properly.

Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source as directed by the onsite inspector or the civil engineer.

Failure to install, operate, or maintain all erosion control measures will result in all construction being stopped on the job until such measures are corrected back to the approved erosion control plans.

The contractor will be responsible for maintenance of all erosion control measures including repairing or replacing any damaged devices due to construction by others.

CLEARING PHASE - EROSION CONTROL NOTES

Prior to the land disturbing construction, the contractor shall schedule a pre-construction meeting with the area site development inspector.

The contractor shall observe the project sequence shown on the plans. The contractor shall maintain careful scheduling and performance to ensure that land stripped of vegetation without first acquiring the necessary variances and permits.

The owner agrees to provide and maintain off-street parking on the subject property during the entire construction period.

No staging areas, material storage, concrete wash out areas, or debris burn and burial areas shall be located within 500 feet of designated tree protection areas.

A copy of the approved land disturbance plan and permit shall be present on the site at all times. The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to or concurrent with land disturbing activities.

Prior to commencing land disturbance activity, the limits of land disturbance shall be clearly and accurately demarcated with stakes, ribbons, or other appropriate means. The location and extent of all authorized land disturbance activity shall be demarcated for the duration of the construction activity. No land disturbance shall occur outside the approved limits indicated on the approved plans.

Prior to any other construction, a stabilized construction entrance shall be constructed at each point of entry to or exit from the site or onto any public roadway.

The following initial erosion control measures shall be implemented prior to any other construction activity.

1. The construction exit, consisting of a minimum pad size of 20 feet by 50 feet with a minimum of 6 inch thick stone shall be placed as shown on the plans. The stone size should consist of course aggregate between 1-1/2 inch & 3-1/2 inch in diameter and overlaid on a geotextile underliner. The post-tension underliner shall meet the requirements of ASTM D 4239-06, section 7.3, separation requirements.

2. Immediately after the establishment of construction entrance/exits, all perimeter erosion control and storm water management devices shall be installed as shown on the clearing phase erosion control plan.

3. Type "C" silt fence shall be installed at the perimeter of the disturbed area as shown on the plans. The silt fence shall be placed in accordance with the manual for erosion control in Georgia, Table 6-20.2. The silt fence shall be kept erect at all times and repaired when requested by the site inspector or the project design professional of record. Silt shall be removed when accumulation reaches 1/2 height of the barrier. The perimeter silt fence shall be inspected daily for any failures. Any failures of silt fencing should be repaired immediately.

4. Intel sediment protection measures shall be installed on all existing storm structures as shown on the plans. See separate details for specifics on type of intel protection specified.

5. Stone check dams shall be installed in areas of concentrated flows as shown on the plans.

6. Tree protection fencing should be installed prior to the start of any land disturbance activity and maintained until final landscape is installed. The tree protection fencing should be inspected daily. Any failures of silt fencing should be repaired immediately.

7. Two rows of type "C" silt fence shall be installed along all tributary or stream ditches as shown on the plans. The two rows of silt fence shall be a minimum of 3 feet apart.

The contractor shall inspect control measures at the end of each working day to ensure measures are functioning properly.

Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source as directed by the onsite inspector or the civil engineer.

Failure to install, operate, or maintain all erosion control measures will result in all construction being stopped on the job until such measures are corrected back to the approved erosion control plans.

The contractor will be responsible for maintenance of all erosion control measures including repairing or replacing any damaged devices due to construction by others.

The construction exit shall be maintained in a condition which will prevent track or flow of mud onto public right-of-way. This may require periodic top dressing with 1-3 inches of stone, as conditions demand. All materials applied, dropped, washed, or tracked from vehicle onto public roadway or into storm drain must be removed immediately.

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