

CONSTRUCTION SEQUENCE NOTES:

1. Implement Pre-Clearing Plan: All structural BMPs shown on the pre-clearing plan must be in place before general clearing operations. Clearing necessary to place structural BMPs shall be the minimum required for installation. Coordinate clearing necessary to place structural BMPs with local weather forecast so that clearing and placement may be completed within a forecast dry period. Stabilize all diversions dikes, sediment basins, and sediment traps within 5 days after installation.
2. Early Work: Clear minimum work zone and construct any early work items that are shown on the pre-clearing plan. (No early work is identified on these plans).
3. Grading: Clear site and complete mass grading.
4. Implement Steep Slope Protection. During grading operations, place steep slope protection shown on the inactive area stabilization drawing as soon as practical.
5. Stabilize Inactive Areas: The ground cover and other structural BMPs shown on the inactive area stabilization drawing must be placed within 14 days of cessation of mass grading at each location. In determining the inactive status of the ground, evaluate each portion of the site separately. The need for subsequent placement of trenced utilities, future building or other construction in an otherwise inactive area is not justification for delay of stabilization.
6. Install Site Improvements: Construct the remainder of the utilities, roads and other site improvements depicted on the construction plans.
7. Implement Final Stabilization: Coordinate removal of construction phase BMPs necessary to place final stabilization with local weather forecast so that removal and placement may be completed within a forecast dry period. Down-slope perimeter controls shall not be removed until final stabilization is placed and vegetative cover is established over the remainder of the site.
8. Establishment and Final Construction: Once the remainder of the site is stabilized including establishment of seeded cover types, construct permanent water quality BMPs and remove the sediment controls and the remaining access controls. Restore area disturbed by removal of sediment controls with the exception of the undisturbed natural areas .
9. Plan Modification: The Contractor must modify the plan if the plan fails to substantially control erosion and offsite sedimentation. Plan modifications due to ineffectiveness may be taken without prior approval of the review agency, but must be fully documented and approval secured from the permitting authority as soon as practicable. The contractor may modify the plan or construction sequence if implementation is infeasible for site conditions or contractor methods. Any such modification shall control erosion and offsite sedimentation to the maximum extent practicable. Any such modification shall require the prior approval of the permitting authority.
10. Structural BMP refers to any BMP that requires installation of physical placement on the site as opposed to management BMPs such as management of the construction sequence, inspection, maintenance and good housekeeping activities.

EROSION CONTROL NOTES:

1. The Developer shall be responsible for erosion control within the boundaries of this development. Erosion control shall be the responsibility of said Developer until all development work on site is complete, and all appropriate permits have been released and/or terminated. At that time, erosion control shall become the responsibility of the individual lot owners. Public Works inspections will consider the Developer the responsible party for erosion and sediment control on individual lots until a building permit is taken for the individual lot. The Developer is responsible for seeing that all Development Contractors comply with the requirements of any and all land disturbance permits, grading permits and storm water discharge permits. Erosion Control shall be the responsibility of the individual lot owner during construction of the individual lot. Erosion Control and Siltation Control methods shall be in place prior to commencement of any grading and/or excavation of the site. All erosion control measures shall remain in place until final grade and sod is completed by the Builder, and shall be maintained throughout the project until the acceptance of the work by the City.
2. Inlet and outlet erosion control for the storm sewer system shall be based on the velocity of the storm water runoff and shall confirm to the standard details included in the project construction plans. Stormwater pipes, outlets and channels shall be protected by the silt barriers and kept free from waste and silt at all times prior to final surface stabilization.
3. No grading shall be steeper than 3H:1V. All areas graded should have the soil surface lightly roughened and loosened to a depth of 2 to 4 inches prior to seeding. Areas that have been graded and will not be stabilized immediately shall be roughened to reduce runoff velocity until seeding takes place (City Design and Construction Manual, 2102.3, APWA 5106.4).
4. A temporary gravel construction entrance as shown on the plans shall be used by all vehicles entering the site. Said entrance shall be graded to prevent runoff from leaving the site. All other entrances to the site shall be adequately "closed" or barricaded to restrict construction traffic to the construction entrance only.
5. Sediment Fences shall be inspected periodically and after every rain event for damage and for the amount of sediment which has accumulated. Removal of sediment will be required when it reaches one-third (1/3) the height of the sediment fence. Sediment fences to be repaired or replaced as necessary, or when required by the City or MoDNR.
6. Upon completion of catch basin installation and prior to paving of streets, the throats of all basins shall be "locked" or otherwise closed to prevent mud and debris from entering the enclosed storm sewer system.
7. Any and all field inlets shall have "Silt Saver" in place around the throat openings to prevent sediment from entering the enclosed storm sewer system.
8. Parking on non-surfaced areas is prohibited in order to eliminate the condition whereby mud and debris from construction and employee vehicles is tracked onto existing pavement. The Contractor shall keep the existing roadways free of mud, rock and debris at all times.
9. Permanently stabilize all graded areas immediately after final grading is complete on each area in the Grading Plan. If clearing and/or grading operations are suspended for a period of thirty (30) days or longer, temporary stabilization measures are required (per City of Lee's Summit Design and Construction Manual, Ordinance No. 5813). These measures may include seeding, periodic wetting, mulching or other suitable measures.
10. If cut and fill operations occur during a season not favorable for immediate establishment of permanent ground cover, a fast germinating annual such as rye grasses or sudan grasses shall be utilized to retard erosion, if adequate stormwater detention and erosion control methods have not been established.
11. In the event wells and/or cisterns exist or are encountered on the project site, they shall be located and sealed by the Contractor in accordance with all local, state and federal regulations.
12. All trash and debris located on the project site, either existing or as a result of construction, shall be removed and properly disposed of in accordance with all local, state and federal regulations.
13. Upon completion of the project, Contractor shall seed, mulch and fertilize all areas disturbed by construction.
14. Additional erosion and siltation control methods and devices may be required as directed by the City or MoDNR.
15. Installation, construction and maintenance of all sediment and erosion control methods shall be in compliance with City Ordinance.
16. All denuded areas must be stabilized through surface roughening see APWA 2102.3 and 5106.4. Runoff from those open areas should be directed to an approved sediment trapping device.
17. Existing ponds and ditches to be drained, unsuitable material removed and regraded as shown.
18. After paving of streets, protect all catch basin throat openings with "gutterbuddies" or "wattles".
19. Disturbed areas, including Right of Ways shall be seeded. The seeding process shall include in order:

Furnished Topsoil

Finish Grading

Prepare Seed bed

Seed and maintain areas as required

The following are seeding and fertilizer rates for specific turf grasses applied per acre:

- Annual rye - 10 lbs
- Perennial Fescue Blend (K31) - 20 lbs
- Fertilizer (12-12-12) - 185 lbs
- Brome or straw mulch - 4000 lbs

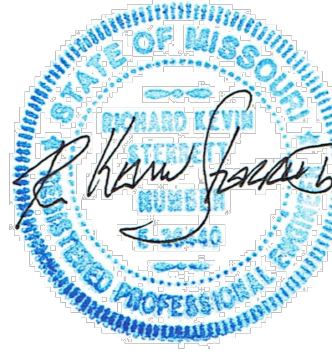
SOIL CREDIBILITY:

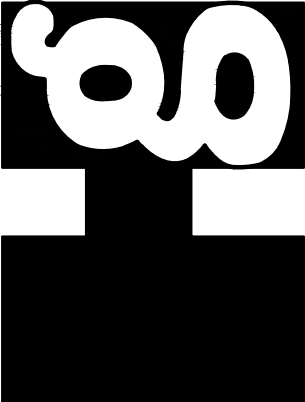
NRCS#	Name	Slopes	HSG
10000	Arnsburg silt loam	1-5%	C
10082	Sampsel silty clay loam	2-5%	C/D
10117	Sampsel silty clay loam	5-9%	C/D

Soil Group C was considered for the Cobey Creek site. Curve numbers were used in accordance with the APWA 5600.

GENERAL NOTES:

1. Rock berms may be used in lieu of silt fence or mulch berms are indicated if trenching is prohibitive due to excessive roots or rock.
2. If silt fence is used, it is to be installed using the slice method in lieu of trenching.





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LAND DISTURBANCE PLANS
GENERAL NOTES

COBEY CREEK FIRST PLAT
PHASE I
CITY OF LEES SUMMIT, JACKSON COUNTY, MISSOURI

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