

**All Chemicals Must Be Stored Properly, While All Spills Must Be Immediately Cleaned**

- NOTES:**
- All Ponds And Drainage Ditches Should Be Installed, Stabilized, And Protected Prior To Any Other Disturbance On Site.
  - A Clean Water Swale And Temporary Crossing Must Be Established To Convey Water Exiting The Existing Headwall On Addison Drive To The Pond Until Pipes And Inlets Are In Place. This Must Be Done After Ponds And Ditches Are In Place But Before Any Other Disturbance On Site.

**EXISTING ON-SITE CONDITIONS**

COVER	SCS CLASSIFICATION	AREA (Ac)
GRASS AND TREES	GRASS AND TREES: IN GOOD CONDITION A SOILS, CN=39	8.59
GRASS AND TREES	GRASS AND TREES: IN GOOD CONDITION C SOILS, CN=74	1.97
		COMPOSITE CN=46

**PROPOSED ON-SITE CONDITIONS**

COVER	SCS CLASSIFICATION	AREA (Ac)
GRASS AND TREES	GRASS AND TREES: IN GOOD CONDITION A SOILS, CN=39	5.16
IMPERVIOUS	IMPERVIOUS A SOILS, CN=98	3.43
GRASS AND TREES	GRASS AND TREES: IN GOOD CONDITION C SOILS, CN=74	0.77
IMPERVIOUS	IMPERVIOUS C SOILS, CN=98	1.20
		COMPOSITE CN=67

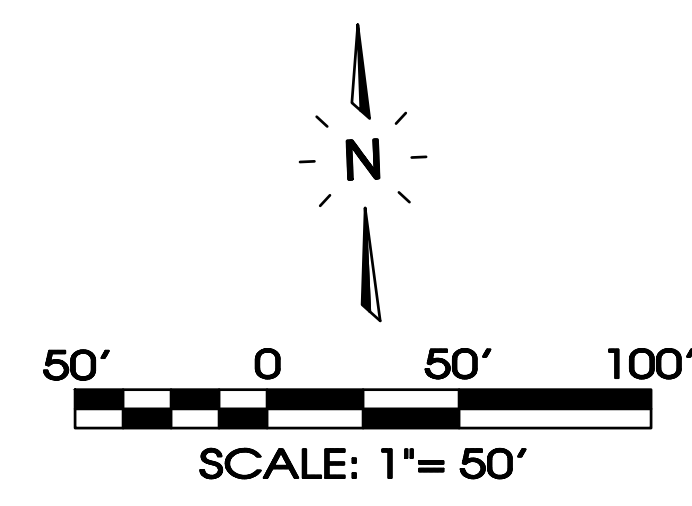
**INITIAL OUTFALLS**

NUMBER	DESCRIPTION	AREA	SLOPE
1	CONSTRUCTION EXIT	0.10	2%
2	NE CORNER	10.46	4%

**1★ Outfall**

**PROPOSED BMP'S**

BMP	TYPE
SEDIMENT CONTROL BARRIER	TEMPORARY, SEDIMENT CONTROL
CONSTRUCTION ENTRANCE	TEMPORARY, SEDIMENT CONTROL
VEGETATION	PERMANENT, EROSION PREVENTION
INLET PROTECTION	TEMPORARY, SEDIMENT CONTROL



**EPSC Phasing**

**Initial:** Silt Fence Along Downgradient Construction Entrance, Concrete Washout Area, Detention Pond/Temp. Sediment Trap

**Intermediate:** Temporary Seeding, Filter Fabric Inlet Protection, Check Dams In Proposed Ditches, Erosion Control Blanket Or Grass Sod Installation At Prescribed Locations

**Final:** Seeding And Stabilization Of All Disturbed Areas

**Notes:**  
Soils Survey Information Shown Here On Is Taken From The National Resources Conservation Service Web Soil Survey.

**Construction Sequence:**

- Stake and/or flag limits of clearing.
- During preconstruction meeting all erosion & sediment control facilities & procedures shall be discussed.
- Clear & grub, as necessary, for installation of perimeter controls.
- Install silt fence perimeter controls as shown on plans.
- Install construction entrance and concrete washout facility, if conditions are such that mud is collecting on vehicle tires, the tires must be cleaned before the vehicles enter the public roadway. The site entrance shall be maintained in a condition that will prevent the tracking or flow of mud onto the public right-of-way. All materials spilled, dropped, washed or tracked from vehicles onto the roadway must be removed promptly.
- Clear & grub the remaining site as necessary.

**Notes:**  
Staging Area, Worker Parking & Adjoining Drive To Be Constructed Of Stone.

Staging Area is To Be Kept Litter Free With Daily Cleanup. In Addition, All Stored Materials Are To Be Kept In Organized & Stacked Fashion. An unkempt site will not be permitted, and if debris is stored in areas outside of the designated storage area, City Staff will shut down the job site.

All Construction Signage Is To Be Constructed Of 2-4"x4" Painted Posts.

Sign #1 - Display Surface Can Be No More Than 32 S.F. & Must Be Less Than 9 Ft. Tall.

**DUST CONTROL NOTES:**  
ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE CITY OR OWNER, THE CONTRACTOR SHALL UTILIZE ONE OF THE FOLLOWING METHODS TO CONTROL DUST:

- WATER:** THE EXPOSED SOIL SURFACE SHOULD BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.
- CALCIUM CHLORIDE:** SHOULD BE EITHER LOOSE DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH A SPREADER AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. THE METHODS SHOULD BE REPEATED AS NEEDED, AND SPECIAL ATTENTION MUST BE GIVEN TO THE ACCESS DRIVES.

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**REVIEW SET**  
(Not Intended for Construction)

**Rock Springs Senior Living Site**  
**Plan**  
Smyrna, Tennessee

**Existing Conditions, Demo Plan, & Initial EPSC Plan**

REVISIONS:  
2-20-2024  
6-25-2024 - Staff Comments

DRAWN: SJA/CFB/3  
DATE: 2-16-2024  
CHECKED:  
MAT/MPL  
FILE NAME:  
22670project  
SCALE:  
1"=50'  
JOB NO:  
22670  
SHEET:

**C1.0**

**SWPPP Narrative:**  
During demolition and mobilization, the sediment and stormwater runoff will be controlled with certain Best Management Practices (BMPs). Silt fence will be installed on the downslope sides of the site. The storm inlets will be protected with silt fence inlet protection until the stone base and pavements can be installed. A stone construction entrance will be installed upon mobilization of site to limit the tracking of mud and sediment onto the adjacent pavements and roadways. Covered dumpsters will be on site for disposal of trash and other debris. Paint and other potentially hazardous chemicals will be stored inside the building or otherwise approved weatherproof container. The contractor purchasing the materials will be responsible for legally disposing of the container. The contractor purchasing the materials will be responsible for legally disposing of the containers and excess materials in accordance with the manufacturers recommendations. A washout area will be provided for the concrete trucks as required.

It is the contractor's responsibility during construction to install and maintain all sedimentation and storm water pollution prevention BMP's described above and detailed within the plans at all times, which includes regular removal and disposal of accumulated debris. All erosion and sediment controls must be maintained properly until the site is stabilized. Maintenance must include inspections of all erosion and sediment controls after each runoff event and on a weekly basis. All preventative and remedial maintenance work, including clean out, repair replacement, re-grading, reseeding, re-mulching and re-netting must be performed immediately. The developer will own and maintain the site after construction has been completed.