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NOTE:

EROSION AND SEDIMENT CONTROL MEASURES FOR SITE GRADING HAVE BEEN APPROVED WITH PLANS ENTITLED 'GRADING AND EROSION CONTROL PLAN FOR SCHEWELS FURNITURE STORE,' DATED FEBRUARY 7, 2007 AND ASSOCIATED WITH LAND DISTURBING PERMIT #LD070020. ADDITIONAL INLET PROTECTION IS SHOWN ON THIS PLAN TO ACCOMMODATE FULL SITE DEVELOPMENT.

Contractor shall pay particular attention to the following MINIMUM STANDARDS:

- MS-1: Though TS / PS labels are shown generically on the plans, the contractor shall seed all areas not indicated to be otherwise stabilized with permanent seed mixture within 7 days of reaching final grade or with temporary seed mixture any area yet to reach final grade but that is not proposed to be actively involved in the work within 30 days. These seed mixtures and application specifications are shown herein. The contractor shall honor the clearing and grading limits shown on the plan.
- MS-2: The contractor shall stabilize with TS and protect from erosion, with any applicable method, all stockpiles and any on-site or off-site borrow or spoil areas, as applicable. Approval of this plan does not cover off-site borrow or spoil areas. Prior to commencing land disturbing activities in areas other than indicated on these plans (including but not limited to, off-site borrow or waste areas), the contractor shall submit a Supplementary Erosion Control Plan for review and approval by the Plan Approving Authority.
- MS-3: Where TS/PS are not applicable provide other means of stabilization (CRS, etc.) within 7 days of reaching final grade or within 30 days where the area is yet to reach final grade but is not proposed to be actively involved in the work.
- MS-4: All soil erosion and sediment control measures shall be placed in advance of the work they are intended to protect.
- MS-5: Earthen controls and structures shall be stabilized immediately upon installation.
- MS-6: Where a sediment trap (<3 acres of drainage) or sediment basin (>3 acres of drainage) are indicated calculations shown are based on outlined drainage areas. Contractor shall honor indicated drainage divides and conform to volumes, details, etc. provided on plans.
- MS-7: Care has been taken in design to minimize drainage over slopes and provide a suitable protective stabilization method. Contractor shall protect slope areas during and after construction from concentrated runoff and the erosion effects of wind and rain. Stabilize as soon as practical to minimize erosion.
- MS-8: Where concentrated runoff has been routed down slopes care has been taken to design an adequate channel or drain. Contractor shall install these measures along with their stabilization as soon as practical to protect slope.
- NOT APPLICABLE; no channels or drains are proposed over slopes.
- MS-9: NOT APPLICABLE; seepage through slopes is not anticipated to be encountered on this project.

MINIMUM STANDARDS (CONTINUED):

- MS-10: Inlet or culvert inlet protection is proposed for the inlets of all storm sewers or culverts on-site. RLD shall insure proper installation and assure adequate sizing based on drainage area of each inlet.
- MS-11: RLD shall verify that adequate channel linings and proper outlet protection is in place prior to operation of storm sewer system.
- NOT APPLICABLE; no lined channels or outlet structures are proposed on this project.
- MS-12: When working in and around a live watercourse, the contractor shall take great care to minimize impact on the stream. Assure that proper permits from DEQ / CQE are in hand prior to commencing such work.
- NOT APPLICABLE; no live watercourses exist within or adjacent to this project.
- MS-13: Where more than 2 trips in 6 months are expected across a live watercourse obtain the necessary permit and install a temporary stream crossing.
- NOT APPLICABLE; no live watercourses exist within or adjacent to this project.
- MS-14: Other federal, state, and local regulations must be met when working in live watercourses.
- NOT APPLICABLE; no live watercourses exist within or adjacent to this project.
- MS-15: The bed and banks of disturbed watercourses must be stabilized immediately.
- NOT APPLICABLE; no live watercourses exist within or adjacent to this project.
- MS-16: Regarding utility installations, no more than 500 LF of trench may be open at a given time. Excavated material shall be placed on uphill side of trench. Effluent of any dewatering system used must be filtered. Trenches shall be properly backfilled and compacted per detail and specs. Completed installation shall be re-stabilized immediately.
- MS-17: The contractor shall provide adequate means of cleaning mud from trucks and / or other equipment prior to entering public streets. It is the contractor's responsibility to insure that the streets are in a clean, mud and dust free condition at all times.

MINIMUM STANDARDS (CONTINUED):

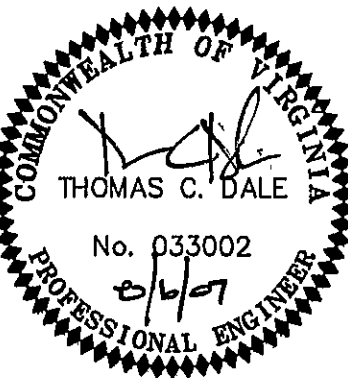
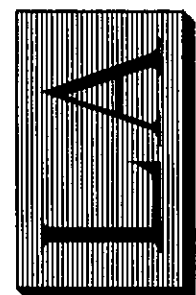
- MS-18: See Maintenance under ESC Narrative for removal of temporary measure.
- MS-19: The increase in stormwater runoff associated with this project was accounted for with the design of the existing Home Depot Stormwater Management Facility. The Responsible Land Disturber shall pay particular attention to any off-site areas contributing runoff to the site and off-site locations receiving runoff from this project. All ditches, swales, and natural watercourses downstream of this project shall be field inspected during and after construction by the RLD to ensure compliance with DOR's MS-19. If erosion or scour is occurring the developer shall be responsible for all corrective measures.

LEGEND

ITEM	EXISTING	PROPOSED
Pavement	---	---
Concrete Curb and Gutter	---	---
Storm Drain Line	---EX 24" CONC---	---EX 24" CONC---
Sanitary Sewer Manhole	⊙	⊙
Sanitary Sewer Line	---	---
Waterline	---W---	---
Light Pole	☆	☆
Overhead Electric Line	---EX OHE---	---OHE---
Overhead Telephone Line	---EX OHT---	---OHT---
Index Contours	1020	1020
Intermediate Contours	1018	1018
Top of Curb spot elevation		PE=0.00'
Top of Wall spot elevation		FW=0.00'
Bottom of Wall spot elevation		FW=0.00'
Spot elevation		SP=0.00'

THIS PLAN IS FOR EROSION AND SEDIMENT CONTROL PURPOSES ONLY

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA



EROSION AND SEDIMENT CONTROL PLAN

SCHEWELS FURNITURE STORE
PREPARED FOR
SCHEWEL FURNITURE COMPANY
THE CITY OF ROANOKE, VIRGINIA

REVISIONS	DESCRIPTION	DATE	NO.	1	2	3	4	5
DATE:	August 6, 2007							
SCALE:	1"=40'							
COMMISSION NO:	06-034							
SHEET	7 OF 9							

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