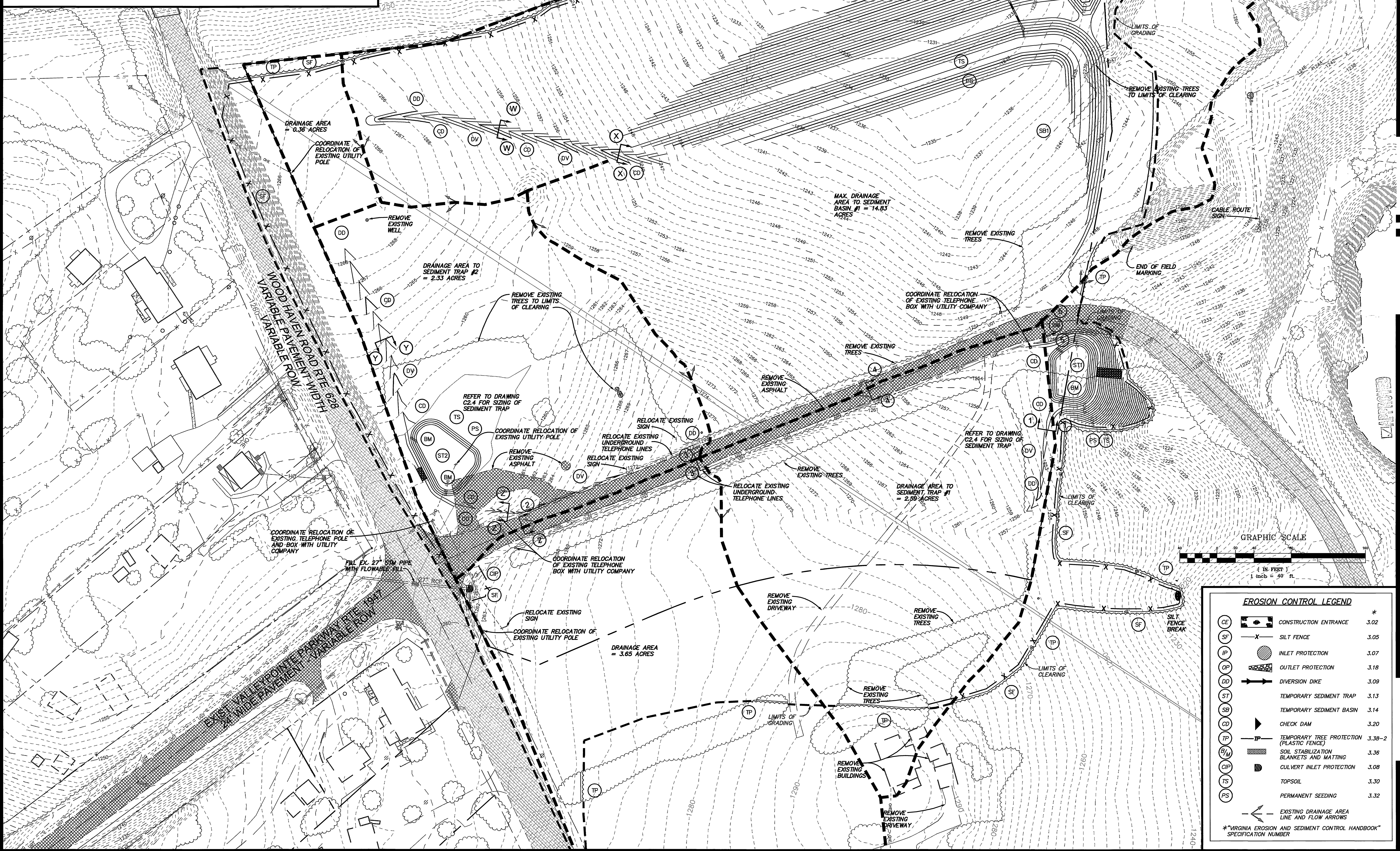
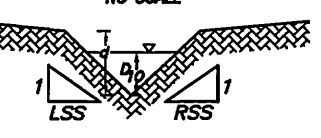


PHASE I SEQUENCE OF CONSTRUCTION

1. APPLY FOR A VIRGINIA STORMWATER MANAGEMENT PERMIT (VSWMP) WITH THE VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION (DCR). THE SITE MUST BE REGISTERED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE PERMIT MUST BE APPLIED FOR TWO (2) DAYS PRIOR TO ANY LAND DISTURBANCE ON THE PROPERTY. SUBMIT A COPY OF THE CHECK AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MUST BE SUBMITTED TO COMMUNITY DEVELOPMENT - OFFICE OF DEVELOPMENT. A COPY OF THE SWPPP MAY BE REQUIRED. CONTACT THE SALEM RESIDENTS' PERMITS AND SUBDIVISIONS AT 540-387-5488 FOR FURTHER INFORMATION. OBTAIN A ROANOKE COUNTY LAND DISTURBING PERMIT. A PRE-CONSTRUCTION CONFERENCE IS MANDATORY BEFORE ANY WORK IS DONE AT THE SITE. ARRANGE A MEETING WITH THE OWNER, ENGINEER AND ROANOKE COUNTY ENVIRONMENTAL ENGINEER. 48 HOURS NOTICE IS REQUIRED.
2. INSTALL TEMPORARY CONSTRUCTION ENTRANCE, WASH MUD AND DEBRIS FROM ALL CONSTRUCTION EQUIPMENT AND VEHICLES PRIOR TO LEAVING THE SITE. IF A PUBLIC WATER SUPPLY IS NOT AVAILABLE THEN WATER TRUCKS MUST BE USED FOR THE WASH RACK. MAINTAIN POSITIVE DRAINAGE AWAY FROM THE WASH RACK.
3. INSTALL PERIMETER EROSION CONTROL MEASURES (SEDIMENT TRAPS #1 AND #2, DIVERSION DIKES, SILT FENCE, TREE PROTECTION, TEMPORARY SEDIMENT BASIN PER NOTES AND DETAILS ON DRAWING C2.2 & C2.4).
4. INSTALL EROSION CONTROL MATING ON THE SIDE SLOPES OF THE TEMPORARY SEDIMENT BASIN. ENSURE THAT ALL DRAINAGE IS DIVERTED TO THE PERIMETER EROSION CONTROL MEASURES. CLEAR ONLY THE MINIMUM AREAS NECESSARY FOR THE INSTALLATION OF THE INITIAL EROSION AND SEDIMENT CONTROL DEVICES. DO NOT PERFORM ANY ADDITIONAL CLEARING UNTIL ALL INDICATED PHASE I EROSION AND SEDIMENT CONTROL DEVICES ARE IN PLACE AND OPERATIONAL.
5. BEGIN DEMOLITION OPERATIONS. DEMOLISH ALL BUILDINGS, STRUCTURES AND ASPHALT. COORDINATE RELOCATION OF THE EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANY (GAS, POWER, TELEPHONE, CABLE TV, ETC.).
6. CLEAR AND GRUB THE SITE TO THE LIMITS OF CLEARING. STRIP TOPSOIL AND STOCKPILE.
7. NOTE: THE LOCAL EROSION CONTROL INSPECTOR HAS THE AUTHORITY TO ADD OR DELETE EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED IN THE FIELD AS SITE CONDITIONS WARRANT.
8. NOTE: STOCKPILES SHALL REMAIN IN PLACE NO LONGER THAN 1 YEAR FROM THE PLAN APPROVAL DATE. STABILIZE ALL STOCKPILES WITH TEMPORARY SEEDING AND A PERIMETER OF SILT FENCE.
9. MAINTAIN POSITIVE DRAINAGE TO EROSION CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
10. BEGIN GRADING OPERATIONS AND STORM SEWER INSTALLATION. STORM SEWER MUST OUTFALL TO TEMPORARY SEDIMENT BASIN UNTIL THE SITE HAS BEEN STABILIZED. INSTALL INLET PROTECTION AND OUTFALL PROTECTION PRIOR TO THE STORM SEWER SYSTEM BEING FUNCTIONAL. INSTALL SLOPE EROSION CONTROL MEASURES (SILT FENCE AND EROSION CONTROL MATING) ON SLOPES.
11. NOTE: LEAVE THE FILL SLOPES IN A TOUNCHED CONDITION TO REDUCE THE CHANCE OF SHEET AND RILL EROSION. DIVERT CONCENTRATED FLOWS AWAY FROM FILL SLOPES AND INTO A STABILIZED CHANNEL OR TEMPORARY SLOPE DRAINS UNTIL THE SLOPES ARE STABILIZED WITH A STAND OF GRASS.
12. CONSTRUCT BUILDING PAD AND BEGIN BUILDING CONSTRUCTION. COORDINATE WITH THE APPROPRIATE BUILDING INSPECTORS.

SECT. W-W	SECT. X-X	SECT. Y-Y	SECT. Z-Z	SECT. 1-1
n = 0.050	n = 0.050	n = 0.050	n = 0.050	n = 0.050
S = 6.70%	S = 6.70%	S = 6.10%	S = 5.60%	S = 8.60%
Q ₁₀ = 0.30cfs	Q ₁₀ = 0.90cfs	Q ₁₀ = 0.10cfs	Q ₁₀ = 0.10cfs	Q ₁₀ = 0.30cfs
Q ₅₀ = 0.40cfs	Q ₅₀ = 1.20cfs	Q ₅₀ = 0.10cfs	Q ₅₀ = 0.20cfs	Q ₅₀ = 0.40cfs
V ₁₀ = 1.79fps	V ₁₀ = 2.36fps	V ₁₀ = 1.31fps	V ₁₀ = 1.27fps	V ₁₀ = 1.96fps
D = 0.75'	D = 0.75'	D = 0.60'	D = 0.60'	D = 0.60'
d = 2.00'	d = 2.00'	d = 1.00'	d = 1.00'	d = 1.00'
LSS = 3:1	LSS = 3:1	LSS = 3:1	LSS = 3:1	LSS = 3:1
RSS = 3:1	RSS = 3:1	RSS = 3:1	RSS = 3:1	RSS = 3:1

EARTH DITCH CROSS SECTION



EROSION CONTROL LEGEND

CE	CONSTRUCTION ENTRANCE	3.02
SF	SILT FENCE	3.05
IP	INLET PROTECTION	3.07
OP	OUTLET PROTECTION	3.18
DD	DIVERSION DIKE	3.09
ST	TEMPORARY SEDIMENT TRAP	3.13
SB	TEMPORARY SEDIMENT BASIN	3.14
CD	CHECK DAM	3.20
TP	TEMPORARY TREE PROTECTION	3.38-2
SM	SOIL STABILIZATION MATING	3.36
CI	CULVERT INLET PROTECTION	3.08
TS	TOPSOIL	3.30
PS	PERMANENT SEEDING	3.32
	EXISTING DRAINAGE AREA LINE AND FLOW ARROWS	

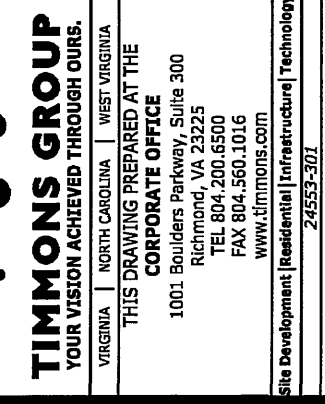
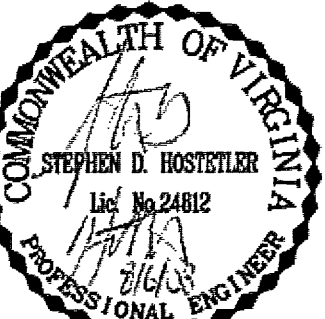
*"VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK" SPECIFICATION NUMBER

NEW MULTIGENERATIONAL RECREATION CENTER HOLLINS MAGISTERIAL DISTRICT ROANOKE COUNTY, VIRGINIA

PROJECT NO. 441920
DATE JUNE 3, 2008
REVISIONS AUGUST 6, 2008
W.P.
SEB

EX CONDITIONS, DEMOLITION & PHASE I E&S PLAN

C2.1



MOSELEYARCHITECTS
A PROFESSIONAL CORPORATION
FIRSTCHOICE
Public-PrivatePartners
601 SOUTHLAKE BOULEVARD, RICHMOND, VIRGINIA, 23266
PHONE (804) 794-7666 FAX (804) 374-8660
MOSELEYARCHITECTS.COM