

SEDIMENT TRAP "EXIST. ST3" NOTE:

"ST3" LOCATION AND DIMENSIONS ARE TAKEN FROM CP150028, "PHEASANT RIDGE MEMORY CARE." IT IS ANTICIPATED THAT THIS TRAP WILL REMAIN IN PLACE FOLLOWING THAT CONSTRUCTION. CONTRACTOR SHALL CONFIRM CONDITION AND STORAGE VOLUMES PRIOR TO COMMENCING WORK SHOWN ON THESE PLANS.

THIS PLAN IS FOR EROSION & SEDIMENT CONTROL ONLY

(3.18) OUTLET PROTECTION:

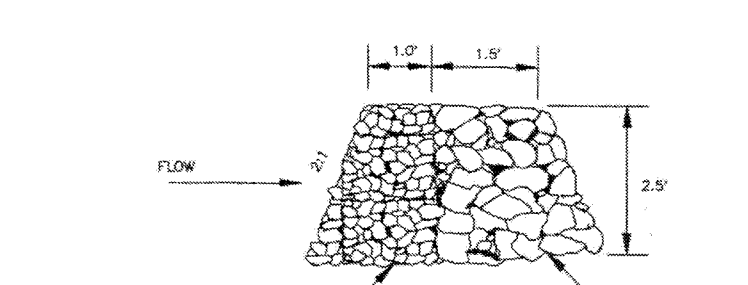
PER PLATE 3.18-3, L_a=0', W=4', d50=0.5'
(OUTLET VELOCITY=4.05 FPS)
CONTRACTOR SHALL INSTALL CLASS 1 RIPRAP & GEOTEXTILE FABRIC TO LIMITS SHOWN

(3.18) OUTLET PROTECTION:
PER PLATE 3.18-3, L_a=15',
W=16.25', d50=0.5'
CLASS 1 RIPRAP, MIN 2.0' DEPTH

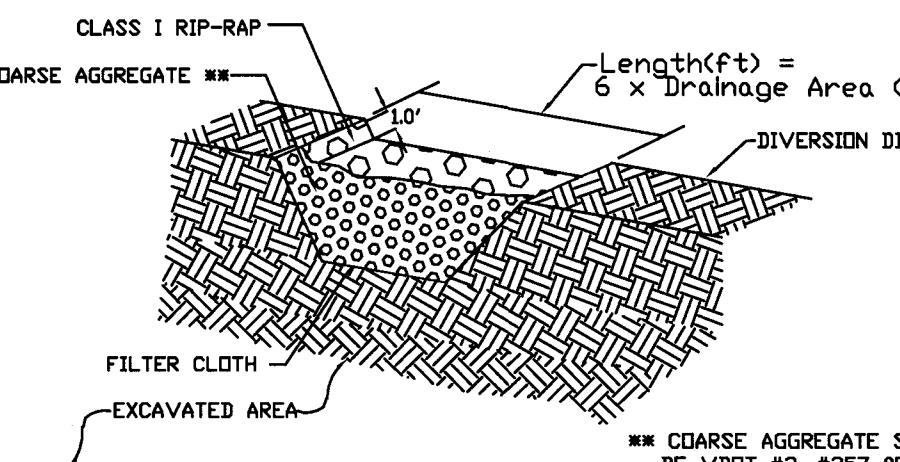
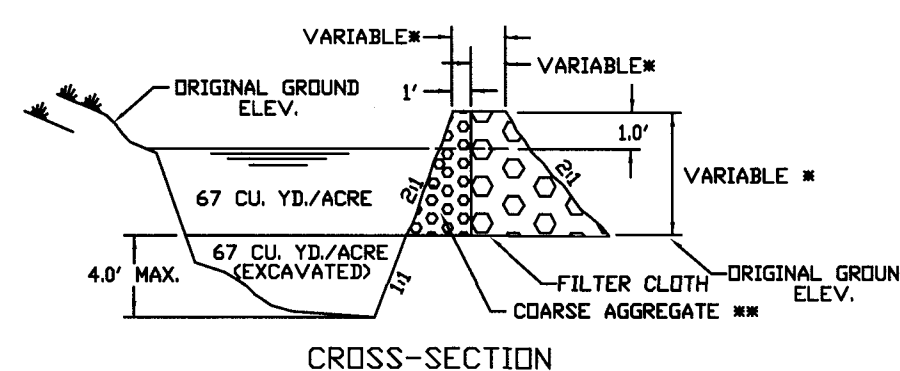
(3.18) OUTLET PROTECTION:
PER PLATE 3.18-3, L_a=2',
W=6.5', d50=0.5'
CLASS 1 RIPRAP, MIN 1.5' DEPTH

(3.18) OUTLET PROTECTION:
PER PLATE 3.18-3, L_a=26',
W=30.5', d50=1.25'
CLASS 1 RIPRAP, MIN 2.0' DEPTH

OPTIONAL STONE COMBINATION



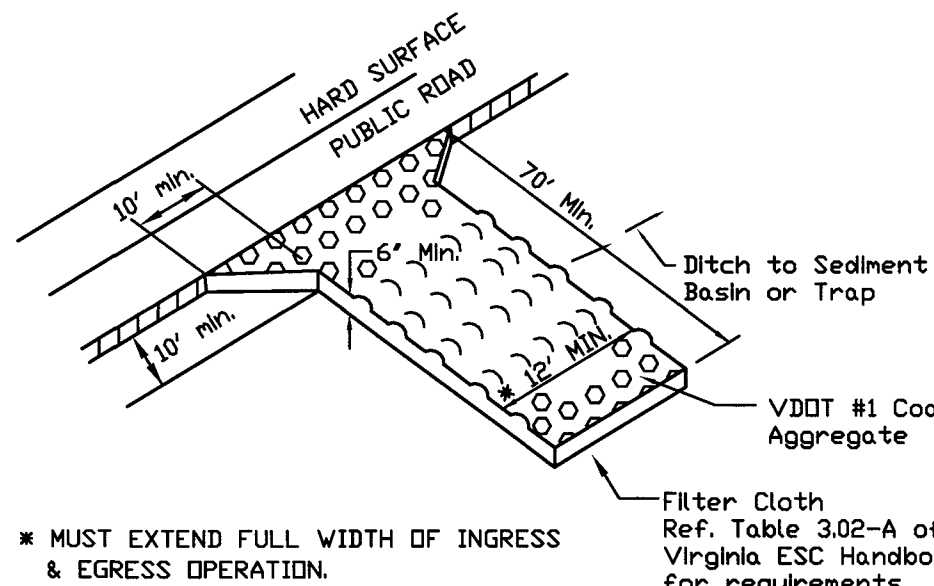
CIP SILT FENCE CULVERT INLET PROTECTION



ST SEDIMENT TRAP

STAGE I - TEMPORARY SEDIMENT TRAP DATA

STRUCTURE	DRAINAGE AREA (ACRES)	STORAGE (C.Y.)	WEIR LENGTH (FT.)	WEIR HEIGHT (FT.)	BERM HEIGHT (FT.)
ST1	1.9	255	269	11.4	1.67
EXIST. ST3	2.9	389	393	17.4	2.20



CE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

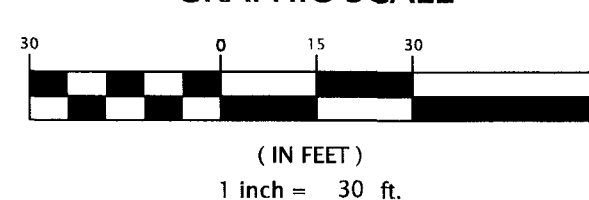
EROSION & SEDIMENT CONTROL PHASING NOTE:

DUE TO THE COMPLEX NATURE OF THIS PROJECT, EROSION & SEDIMENT CONTROL STAGES WILL BE TRANSITIONAL, SUCH THAT NOT ALL AREAS OF THE SITE WILL BE IN THE SAME STAGE AT THE SAME TIME.

STAGE I - CONSTRUCTION SEQUENCE

1. THE CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER (RLD) SHALL BE NAMED AND THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
2. THE CONSTRUCTION PROCESS SHOULD BE SEQUENCED AS MUCH AS POSSIBLE SO THAT EACH AREA IS SEEDED AND STABILIZED PRIOR TO BEGINNING GRADING OPERATIONS IN ANOTHER AREA.
3. INSTALL CONSTRUCTION ENTRANCES AND PERIMETER CONTROL MEASURES.
4. CONSTRUCT STAGE I SEDIMENT TRAP "ST1" AND PERFORM ANY NECESSARY CLEANOUT AND/OR CORRECTIONS TO EXISTING SEDIMENT TRAP "EXIST. ST3".
5. INSTALL SILT FENCE WHERE SHOWN ON PLAN, AND AS NECESSARY THROUGHOUT GRADING OPERATIONS WHERE RUNOFF TEMPORARILY CANNOT BE DIRECTED TO SEDIMENT TRAP.
6. PERFORM CLEARING AND GRUBBING OPERATIONS.
7. CONSTRUCT STORMWATER CONVEYANCE CHANNEL ALONG GRIFFIN AND VAN WINKLE ROADS TO CONVEY RUNOFF AROUND CONSTRUCTION SITE.
8. IN CONJUNCTION WITH #7, CUT EXISTING STOCKPILE AND FILL TO CREATE CHANNEL, INSTALLING STORM DRAIN, SANITARY SEWER AND WATERLINE AS INDICATED AND AS CUT & FILL OPERATIONS PERMIT.
9. EXISTING PARKING AREA MAY BE REMOVED ONCE A TEMPORARY ACCESS DRIVE CAN BE ESTABLISHED AROUND THE AREA. A TEMPORARY DUMPSTER PAD LOCATION SHALL BE PROVIDED.

GRAPHIC SCALE



City of Roanoke
Planning, Building, & Development

APPROVED

by Adrian Gilbert 08/17/2017

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

COMMONWEALTH OF VIRGINIA
HOWARD P. BOGGS
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6/23/17

STAGE I
EROSION & SEDIMENT
CONTROL PLAN

COMPREHENSIVE DEVELOPMENT PLAN
FOR
PHEASANT RIDGE ASSISTED LIVING
PREPARED FOR
SMITH/PACKETT MED-COM, L.L.C.
SITUATED AT 4414 PHEASANT RIDGE ROAD, SW
CITY OF ROANOKE, VIRGINIA

REVISIONS	DATE	DESCRIPTION
1	June 23, 2017	
2		
3		
4		
5		

DATE: June 23, 2017

SCALE: 1" = 30'

COMMISSION NO: 16-218

SHEET 14 OF 19