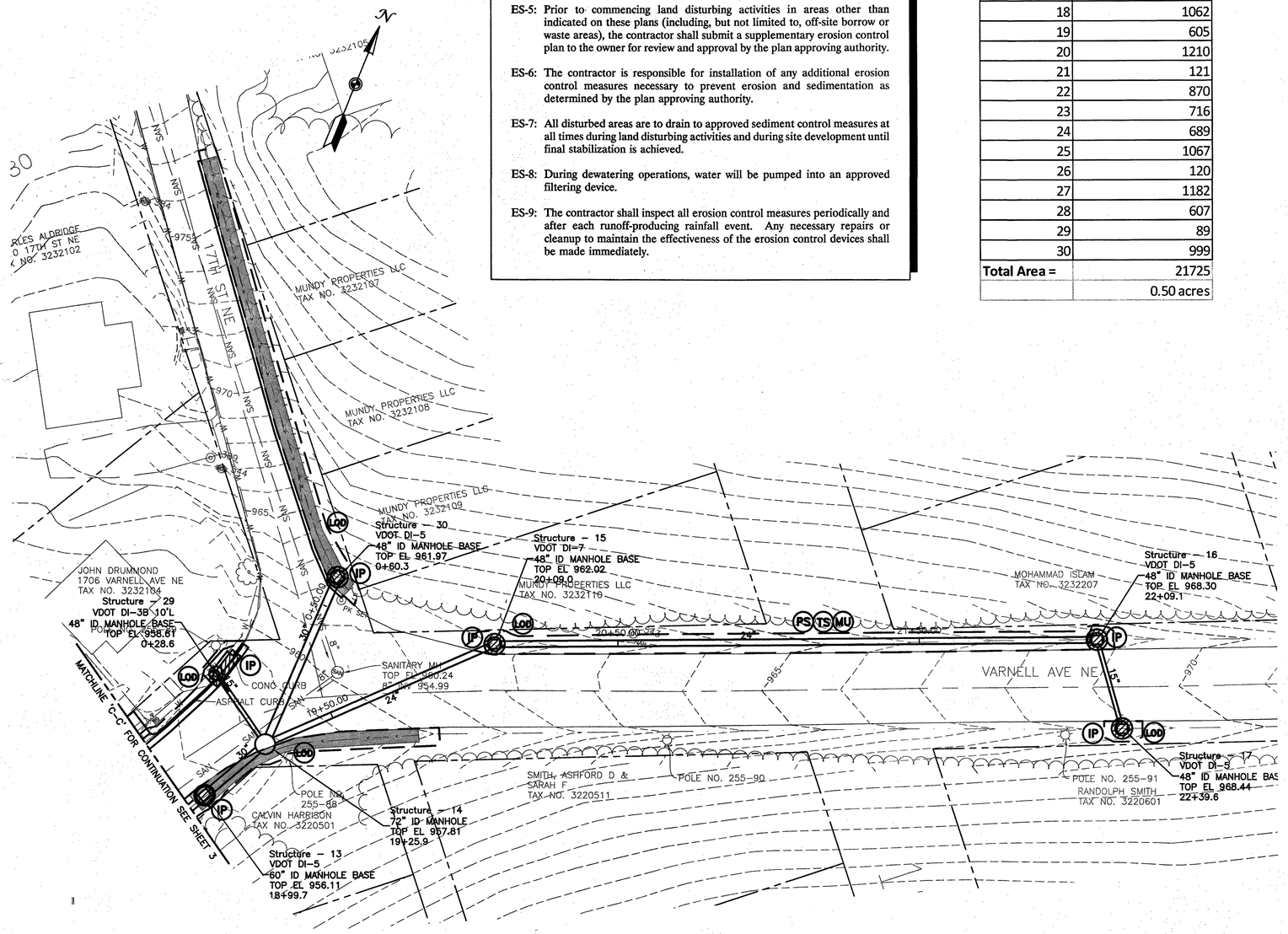


TABLE 6-1

GENERAL EROSION AND SEDIMENT CONTROL NOTES

ES-1: Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be constructed and maintained according to minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook and Virginia Regulations 4VAC50-30 Erosion and Sediment Control Regulations.

ES-2: The plan approving authority must be notified one week prior to the pre-construction conference, one week prior to the commencement of land disturbing activity, and one week prior to the final inspection.

ES-3: All erosion and sediment control measures are to be placed prior to or as the first step in clearing.

ES-4: A copy of the approved erosion and sediment control plan shall be maintained on the site at all times.

ES-5: 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 to the owner for review and approval by the plan approving authority.

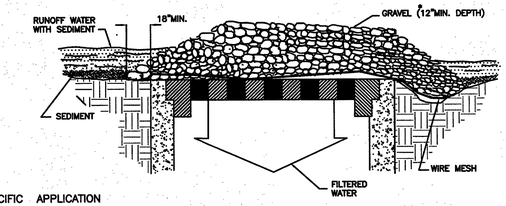
ES-6: The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the plan approving authority.

ES-7: All disturbed areas are to drain to approved sediment control measures at all times during land disturbing activities and during site development until final stabilization is achieved.

ES-8: During dewatering operations, water will be pumped into an approved filtering device.

ES-9: The contractor shall inspect all erosion control measures periodically and after each runoff-producing rainfall event. Any necessary repairs or cleanup to maintain the effectiveness of the erosion control devices shall be made immediately.

Limits of Disturbance Areas	
Structure No.	Disturbance Area (SF)
1	576
5	1601
6	1438
7	1801
8	810
9	1204
11	1895
12	1131
13	480
15	1310
16	61
17	81
18	1062
19	605
20	1210
21	121
22	870
23	716
24	689
25	1067
26	120
27	1182
28	607
29	89
30	999
Total Area =	21725
	0.50 acres

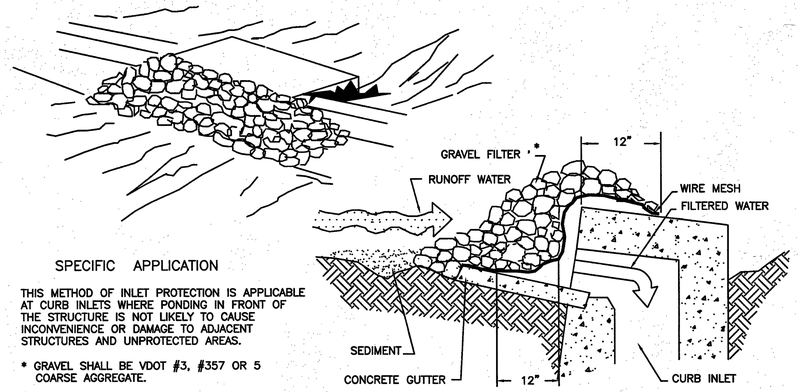


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

GRAVEL AND WIRE MESH DROP (IP) INLET SEDIMENT FILTER



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE VDOT #3, #357 OR 5 COARSE AGGREGATE.

(IP) GRAVEL CURB INLET SEDIMENT FILTER

IF THIS DRAWING IS A REDUCTION GRAPHIC SCALE MUST BE USED

20' 0' 20'

SCALE 1" = 20'

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JOSEPHUS M. JOHNSON-KOROMA
Lic. No. 46165
05/05/14
PROFESSIONAL ENGINEER

REV.	DATE:	DESCRIPTION
1	02/05/14	RESUBMITTAL AFTER 1ST COMMENTS

DATE: 11/19/2013

SCALE: 1"=20'-0" 24"x36" SHEET

VARNELL AVENUE DRAINAGE IMPROVEMENTS PROJECT

CITY OF ROANOKE, VIRGINIA

APPROVED AUG 04 2014

EROSION AND SEDIMENT CONTROL PLAN, NOTES, AND DETAILS

SHEET 4 OF 10

PLAN NO. 6758