

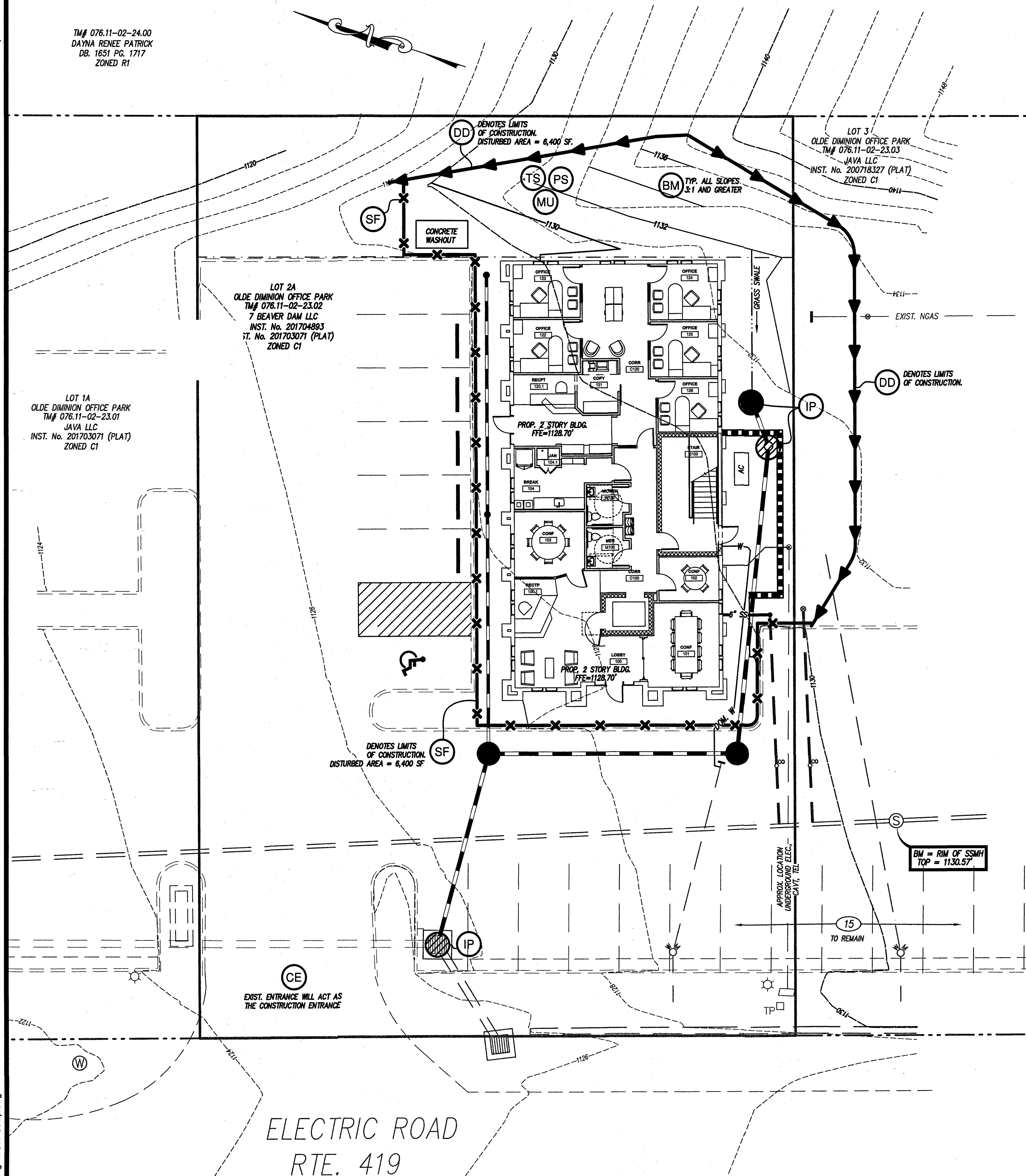
TM# 076.11-02-24.00
DAYNA RENEE PATRICK
DB. 1651 PG. 1717
ZONED R1

LOT 1A
OLDE DIMINION OFFICE PARK
TM# 076.11-02-23.01
JAVA LLC
INST. No. 201703071 (PLAT)
ZONED C1

LOT 2A
OLDE DIMINION OFFICE PARK
TM# 076.11-02-23.02
7 BEAVER DAM LLC
INST. No. 201704893
ST. No. 201703071 (PLAT)
ZONED C1

ELECTRIC ROAD
RTE. 419
110' R/W

SCALE: 1" = 10'



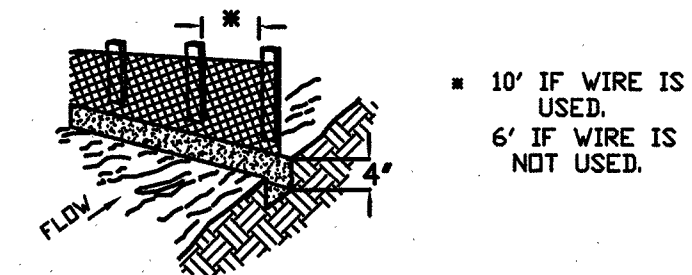
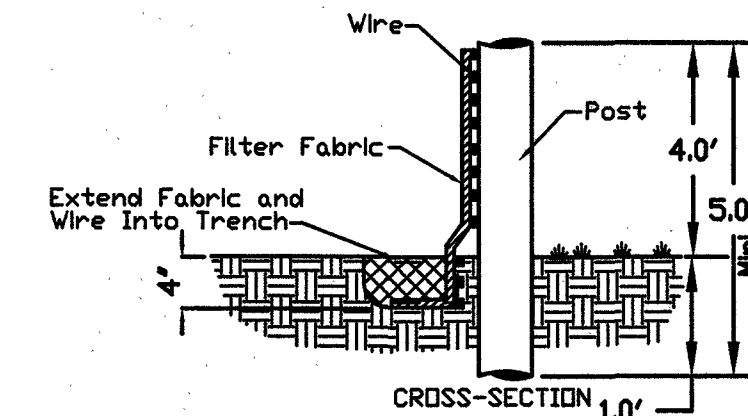
STORMWATER SITE STATISTICS

	EXISTING	PROPOSED
TOTAL DISTURBED AREA (AC)	0	0.15
TOTAL SITE AREA (AC)	0.39	0.39
IMPERVIOUS AREA (AC)	0.20	0.29
SEMI-PERVIOUS AREA (AC)	0	0
PERVIOUS AREA (AC)	0.19	0.10
RIGHT OF WAY DISTURBANCE (SF)	0	0

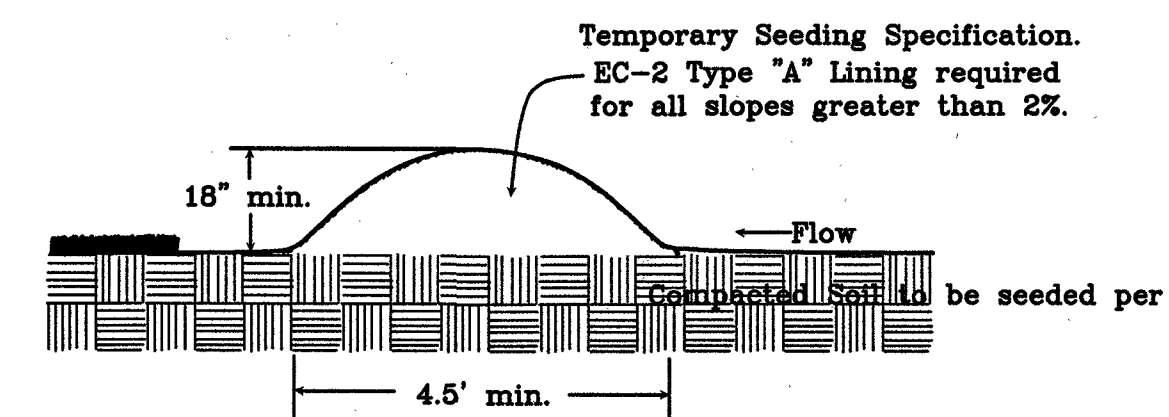
NEW BMP INFORMATION

BMP TYPE	BMP #1
IMPERVIOUS AREA TREATED BY BMP (AC)	0.29
PERVIOUS AREA TREATED BY BMP (AC)	0.10
SURFACE AREA OF BMP (AC)	NA
STORAGE VOLUME OF BMP (AC-FT)	NA
MAXIMUM AVERAGE DEPTH (FT)	NA
QUALITY, QUANTITY, OR BOTH?	QUALITY
TMDL ADDRESSED? (BACTERIA, SEDIMENT)	PHOSPHORUS
LATITUDE (DECIMAL DEGREES XXXXXX)	NA
LONGITUDE (DECIMAL DEGREES XX.XXX)	NA
NAME OF RECEIVING WATER	ROANOKE RIVER-PETERS CREEK
HYDROLOGIC UNIT CODE	RU-14

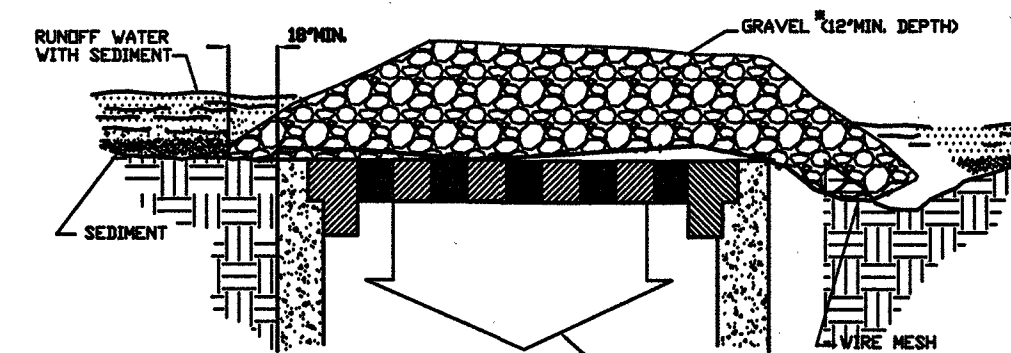
NO.	TITLE	KEY	SYMBOL
3.02	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	CE	
3.05	SILT FENCE	SF	
3.07	TEMPORARY INLET PROTECTION	DD	
3.09	TEMPORARY DIVERSION DIKE	DD	
3.31	TEMPORARY SEEDING	TS	
3.32	PERMANENT SEEDING	PS	
3.35	MULCHING	MU	
3.36	SOIL STABILIZATION BLANKETS AND MATTING	SN	



SF CONSTRUCTION OF A SILT FENCE



DD TEMPORARY DIVERSION DIKE



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.

IP GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER

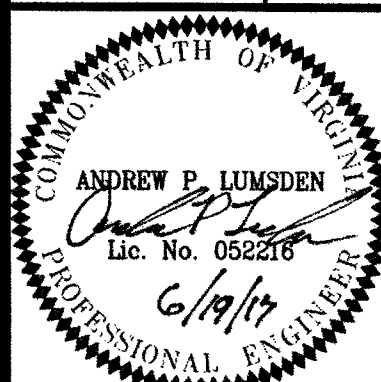
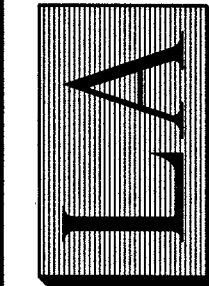
SEQUENCE OF CONSTRUCTION

- CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER SHALL BE NAMED AND A COPY OF HIS RLD CERTIFICATE PROVIDED TO ROANOKE COUNTY PRIOR TO THE PRE-CONSTRUCTION MEETING. RLD SHALL ALSO ATTEND PRE-CON MEETING.
- INSTALL PERIMETER SILT FENCE, AND PERIMETER DIVERSION DIKES AS SHOWN ON THIS PLAN.
- INSTALL STORM DRAINS, RETAINING WALL, AND COMMENCE GRADING OF BUILDING PAD AS SHOWN ON THIS PLAN.
- COMMENCE BUILDING & UNDERGROUND UTILITY CONSTRUCTION AS SHOWN ON THIS PLAN.
- STABILIZE SLOPES & INSTALL LANDSCAPING AS SHOWN ON THIS PLAN.
- ONCE ALL DENUDEED AREAS ARE STABILIZED AND WITH THE APPROVAL OF ROANOKE COUNTY, REMOVE ALL TEMPORARY EROSION & SEDIMENT CONTROL MEASURES.

*THIS SEQUENCE IS PROVIDED AS A GENERAL OUTLINE AND NOT TO DETAIL EVERY TASK THAT MUST BE PERFORMED FOR THE CONSTRUCTION OF THE PROJECT. CONTRACTOR MAY ELECT TO ALTER THE SEQUENCE OF CONSTRUCTION. HOWEVER, THE CONTRACTOR MUST FOLLOW THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, AND ROANOKE COUNTY REGULATIONS. THIS SEQUENCE IS NOT INTENDED TO BE A STRICTLY STEP BY STEP PROGRESSION OF WORK ITEMS. SOME OF THE ABOVE ITEMS CAN BE ACCOMPLISHED CONCURRENTLY.

APPROVED

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



EROSION & SEDIMENT
CONTROL PLAN

DEVELOPMENT PLAN FOR

LOT 2A
OLDE DIMINION
OFFICE PARK

2650 ELECTRIC ROAD
ROANOKE COUNTY, VIRGINIA

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: June 19, 2017
SCALE: 1"=20'
COMMISSION NO.: 17-014
SHEET 4 OF 5