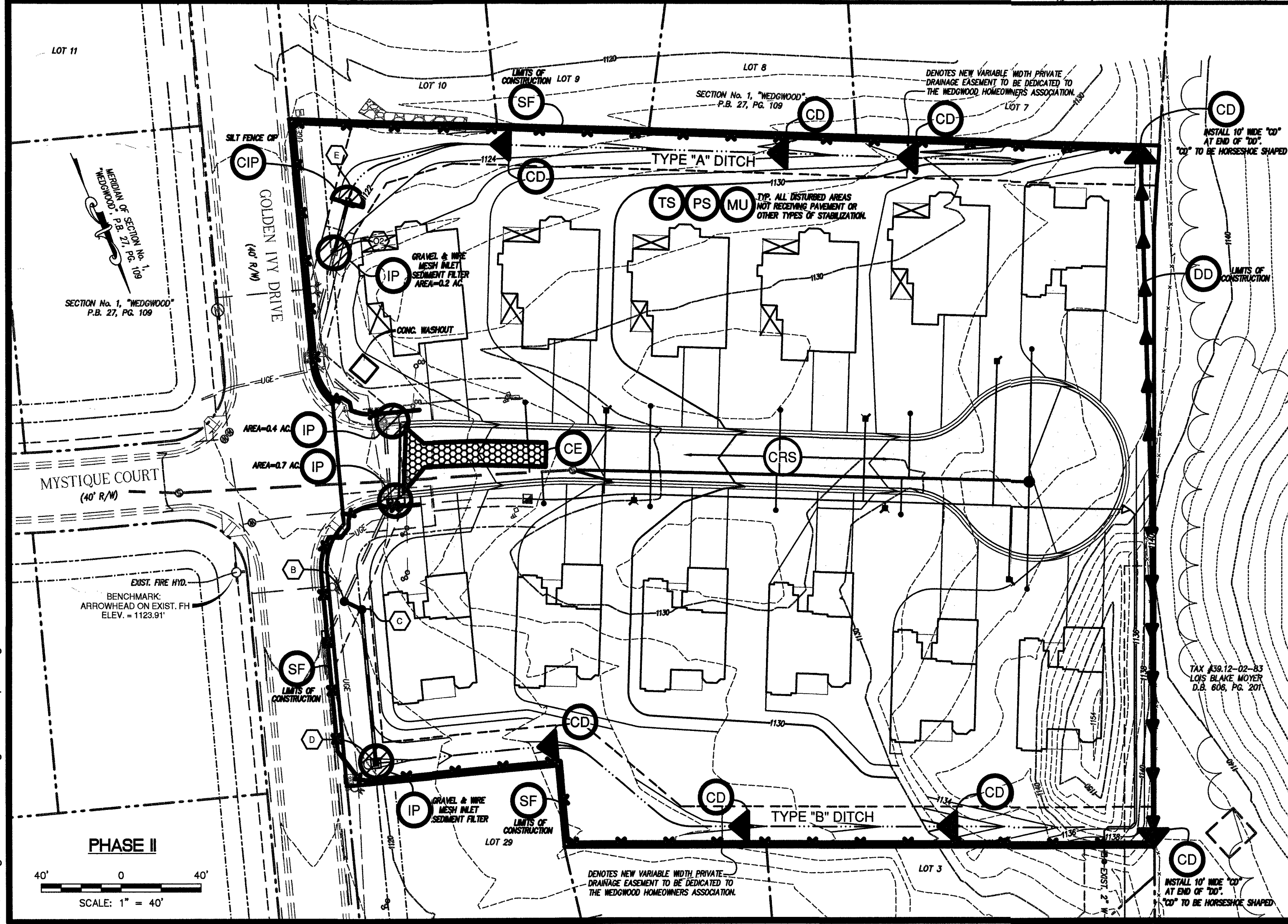
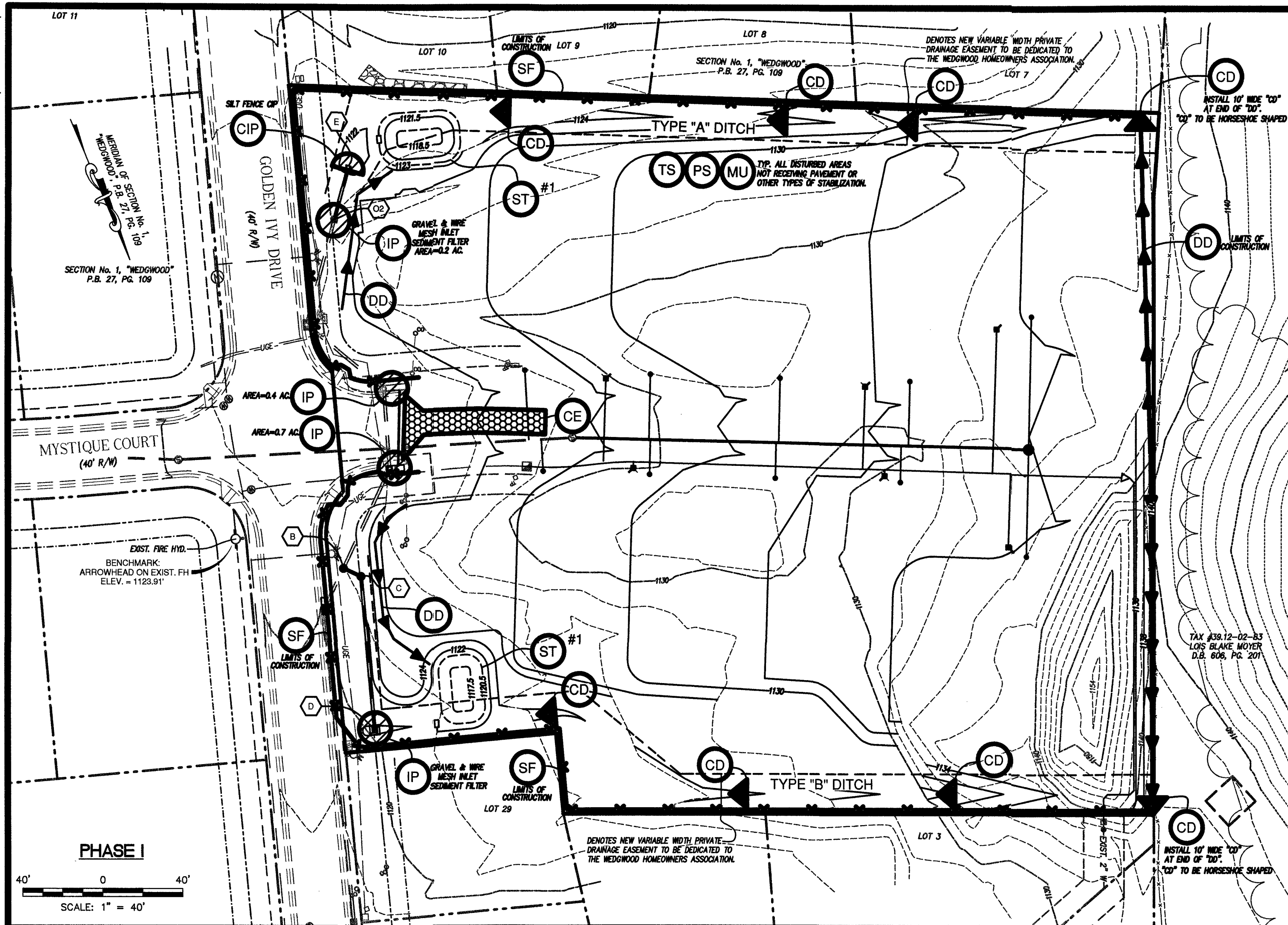


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PHASE I SEQUENCE OF CONSTRUCTION:

1. 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.
2. THE OWNER SHALL APPLY FOR VSPM GENERAL CONSTRUCTION PERMIT THROUGH ROANOKE COUNTY. UPON RECEIPT OF COVERAGE LETTER, THE OWNER MUST SUBMIT THE COVERAGE LETTER TO ROANOKE COUNTY PRIOR TO SCHEDULING THE PRE-CONSTRUCTION MEETING.
3. INSTALL CONSTRUCTION ENTRANCE AS THE FIRST STEP IN THE CONSTRUCTION PROCESS.
4. INSTALL PERIMETER SILT FENCE, AND PERIMETER DIVERSION DIKES WITH CHECK DAMS AS SHOWN ON THIS PLAN.
5. INSTALL STORM DRAINS B THRU D AND O2 TO E WITH ESC MEASURES AS SHOWN.
6. INSTALL SEDIMENT TRAPS 1 & 2.
7. INSTALL TYPE "A" & "B" DITCH WITH CHECK DAMS AS SHOWN ON THIS PLAN.
8. GRADE SITE AS SHOWN AND INSTALL UTILITIES AS SHOWN ON THIS PLAN. STABILIZE SITE AS SOON AS POSSIBLE AS CONSTRUCTION ALLOWS.
9. ONCE AREAS UPSTREAM OF SEDIMENT TRAPS ARE STABILIZED AND WITH THE APPROVAL OF ROANOKE COUNTY REMOVE SEDIMENT TRAPS AND CONTINUE TYPE "A" & "B" DITCHES. THIS CAN ALSO BE DONE IN PHASE II IF NEEDED.
10. SEE PHASE II ESC SEQUENCE OF CONSTRUCTION.

*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.

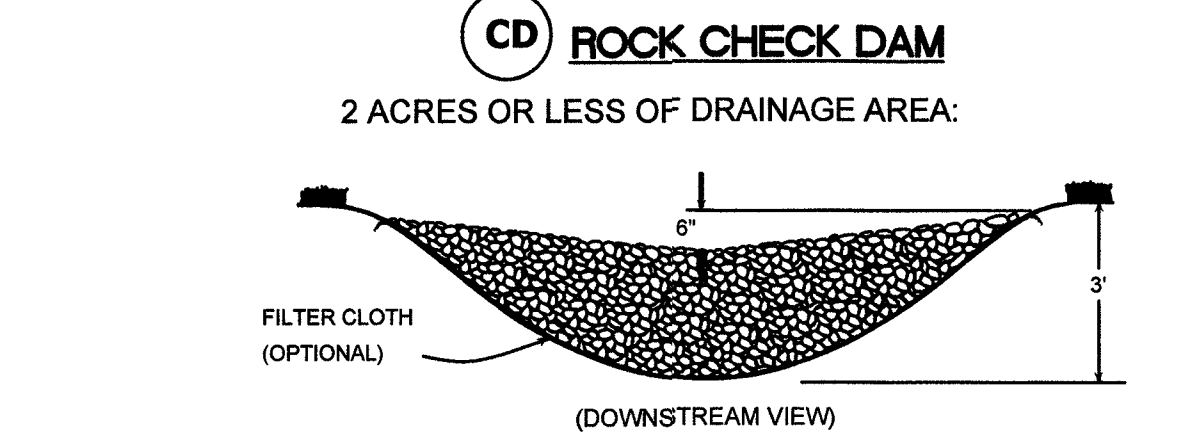
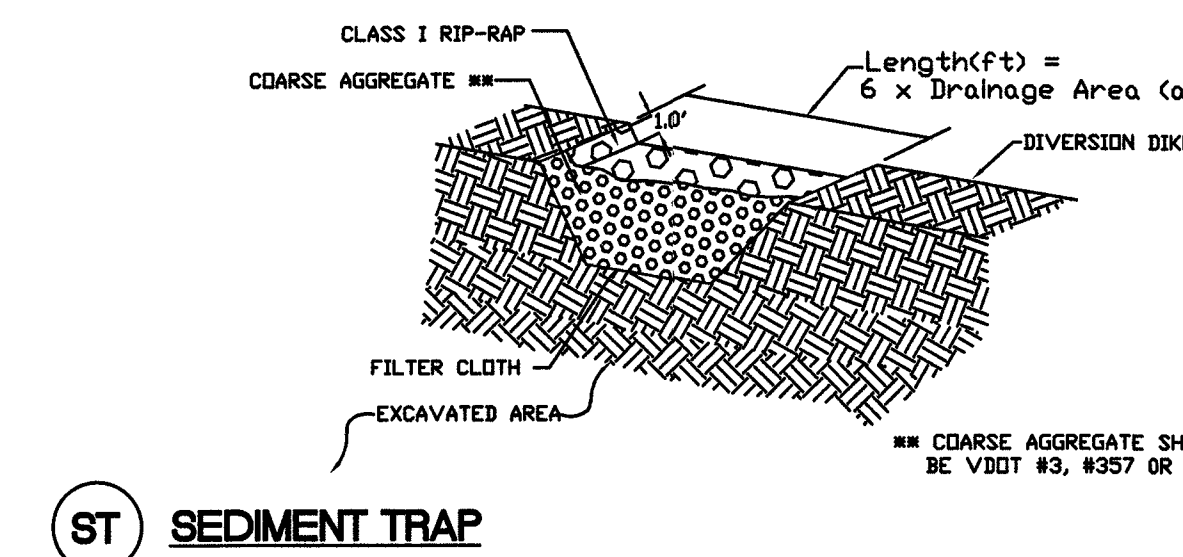
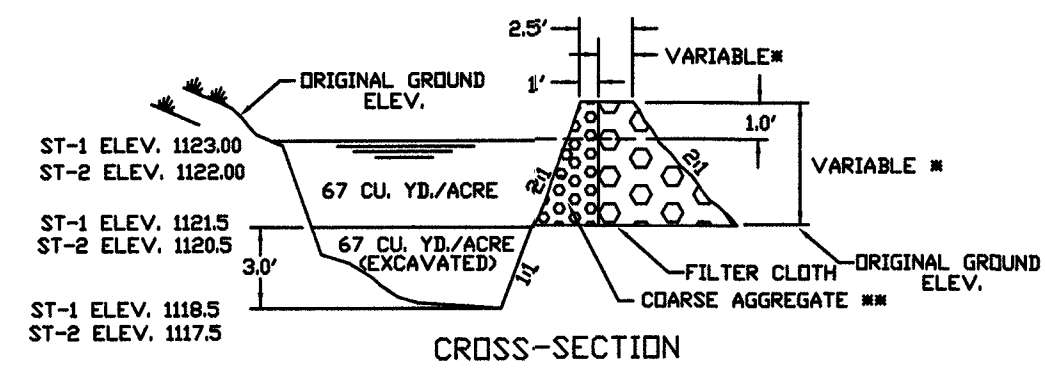
TEMPORARY SEDIMENT TRAP DATA

STRUCTURE	DRAINAGE AREA (ACRES)	STORAGE (C.Y.)		WEIR LENGTH (FT.)	WEIR HEIGHT (FT.)	BERM HEIGHT (FT.)
		REQ'D	DESIGN			
ST1	0.6	80	91	3.6	1.5	2.5

BOTTOM OF WET = 22' x 8' (ELEV. = 1118.5') BERM WIDTH = 2.5'
TOP OF WET = 34' x 20', 3.0' DEPTH (ELEV. = 1121.5') WEIR WIDTH = 5.0'
TOP OF DRY = 40' x 26', 1.5' DEPTH (ELEV. = 1123')

VOLUME OF SEDIMENT TRAP

ELEVATION	CONTOUR AREA (SF)	VOLUME (CY)
1118.5'	176	42
1121.5'	680	44
1123'	1,040	44
		86 TOTAL



PHASE II SEQUENCE OF CONSTRUCTION:

1. ONCE ROAD IS AT SUBGRADE BEGIN HOUSE CONSTRUCTION, INSTALL CURB & GUTTER AND (CRS).
2. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED ONLY AFTER THOSE AFFECTED AREAS HAVE BEEN BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED WITH IMPROVEMENTS OR ESTABLISHED VEGETATION AND INSPECTED AND APPROVED BY ROANOKE COUNTY.

*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.

NO.	TITLE	KEY	SYMBOL
3.02	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	CE	
3.05	SILT FENCE	SF	
3.07	INLET PROTECTION	IP	
3.08	CULVERT INLET PROTECTION	CIP	
3.09	TEMPORARY DIVERSION DIKE	DD	
3.13	TEMPORARY SEDIMENT TRAP	ST	
3.20	ROCK CHECK DAMS	CD	
3.31	TEMPORARY SEEDING	TS	
3.32	PERMANENT SEEDING	PS	
3.35	MULCHING	MU	

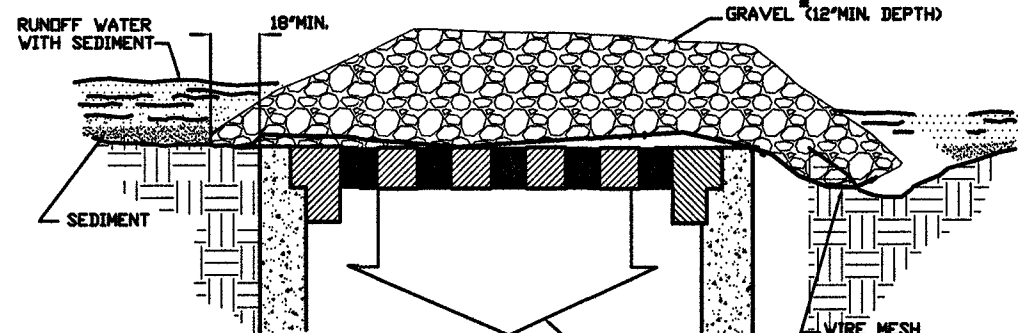
TEMPORARY SEDIMENT TRAP DATA

STRUCTURE	DRAINAGE AREA (ACRES)	STORAGE (C.Y.)		WEIR LENGTH (FT.)	WEIR HEIGHT (FT.)	BERM HEIGHT (FT.)
		REQ'D	DESIGN			
ST2	0.7	94	101	4.2	1.5	2.5

BOTTOM OF WET = 22' x 10' (ELEV. = 1117.5') BERM WIDTH = 2.5'
TOP OF WET = 34' x 22', 3.0' DEPTH (ELEV. = 1120.5') WEIR WIDTH = 5.0'
TOP OF DRY = 40' x 28', 1.5' DEPTH (ELEV. = 1122')

VOLUME OF SEDIMENT TRAP

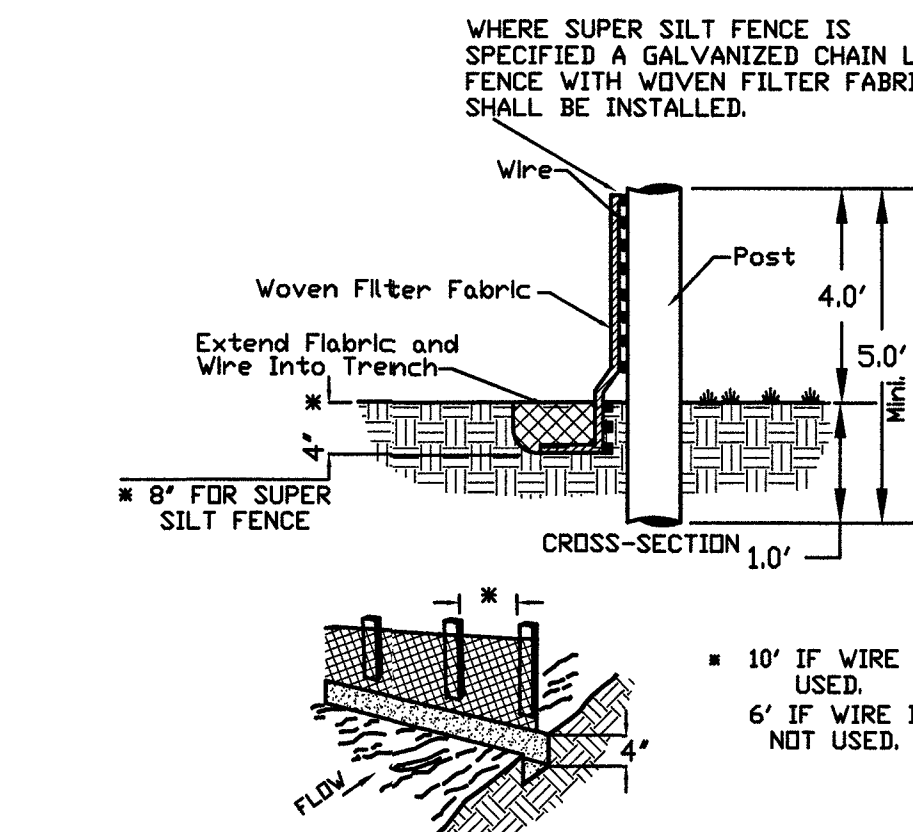
ELEVATION	CONTOUR AREA (SF)	VOLUME (CY)
1117.5'	217	48
1120.5'	693	48
1122'	1,040	48
		96 TOTAL



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



SF CONSTRUCTION OF A SILT FENCE

DD TEMPORARY DIVERSION DIKE

