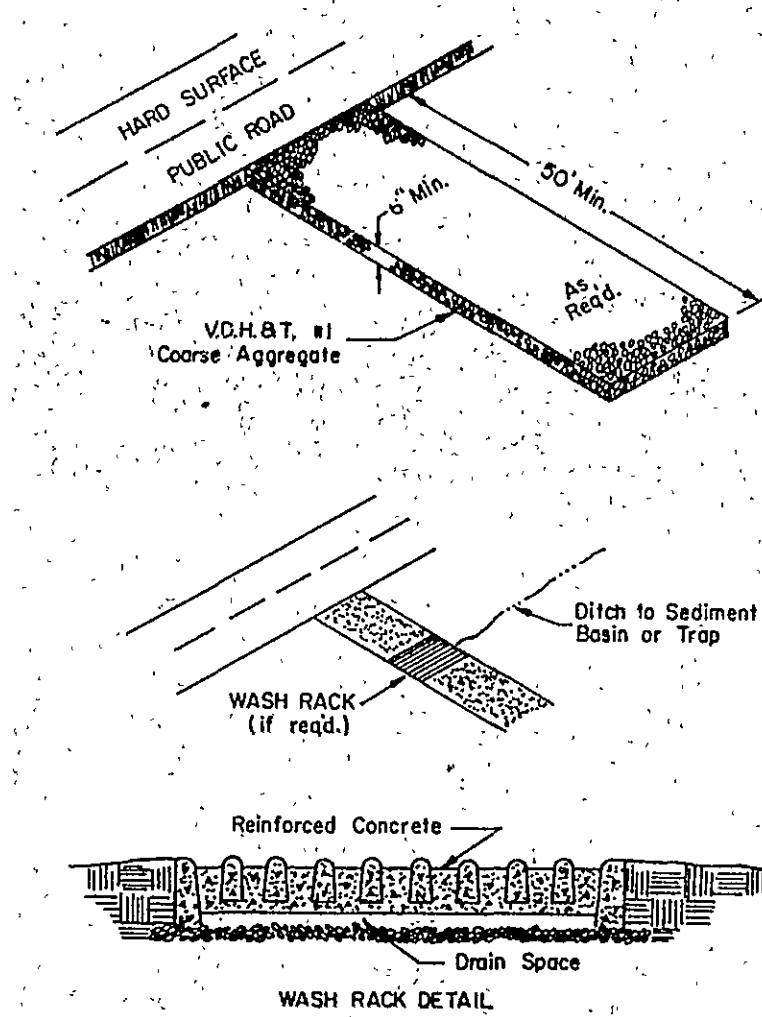
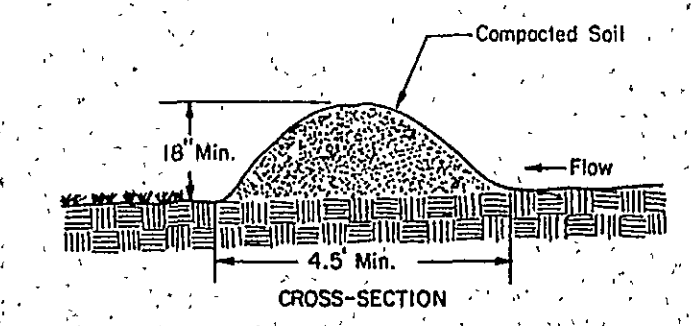


MERIDIAN BASED ON PLAT BY DUDLEY & ZEH FOR APPALACHIAN POWER COMPANY, DATED 2-1-84.

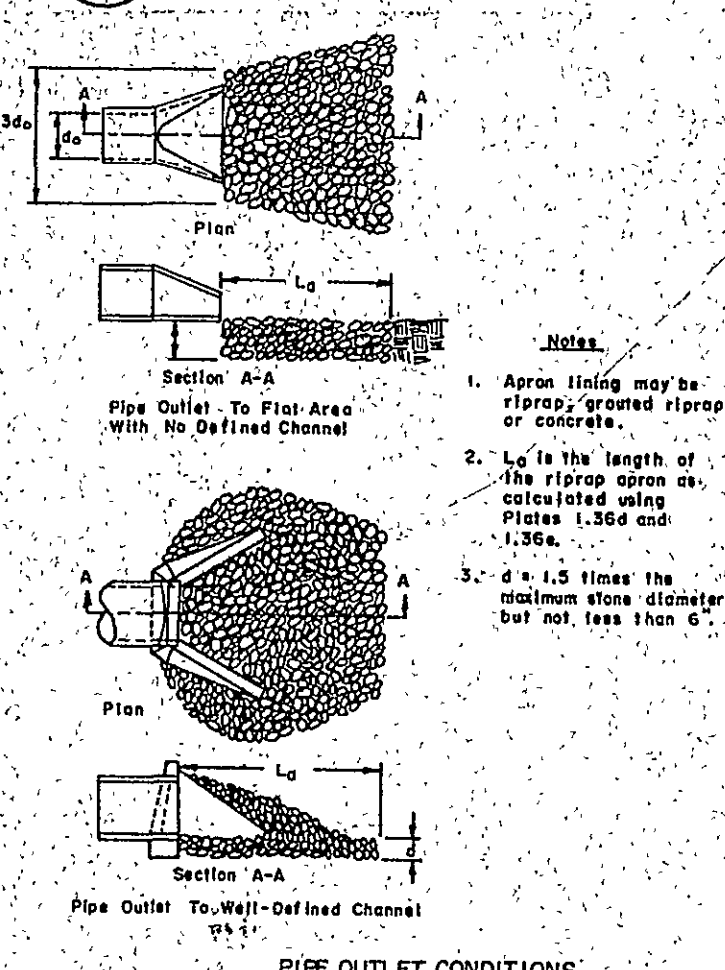


CE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



DD TEMPORARY DIVERSION DIKE

OP OUTLET PROTECTION



Notes:
1. Apron shall be riprap, graded riprap, or concrete.
2. L_o is the length of the riprap apron as calculated using Plates 1.35d and 1.35e.
3. d = 1.5 times the maximum stone diameter but not less than 6".

PIPE OUTLET CONDITIONS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT
		CONTOUR
		FIRST FLOOR ELEVATION
		SANITARY SEWER WATER LINE
		FIRE HYDRANT
		BLOW-OFF
		FORCE MAIN (SEWER)
		GATE VALVE
		AIR RELEASE VALVE (WATER)
		AIR RELEASE VALVE (SEWER)
		DOUBLE WATER METER
		SINGLE WATER METER
		DRAINFIELD

EROSION CONTROL NARRATIVE

EROSION AND SEDIMENT CONTROL MEASURES

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.

Management strategies

- Construction should be sequenced so that grading operations can begin and end as quickly as possible.
- Sediment trapping measures shall be installed as a first step in grading and shall be seeded and mulched immediately following installation.
- Temporary seeding or other stabilization shall follow immediately after grading.
- Area which are not to be disturbed shall be clearly marked.
- Field inspections during construction may require additional erosion and sediment control measures.
- The developer shall be responsible for the installation and maintenance of all erosion and sediment control practices.

PERMANENT STABILIZATION

All areas disturbed by construction will be stabilized with permanent seeding immediately following finish grading. Seeding will be done according to standard and specification 1.06 of the Virginia Erosion and Sediment Control Handbook. Permanently seeded areas shall be protected during establishment with straw mulch.

MAINTENANCE

In general, all erosion and sediment control measures will be checked weekly and after each significant rainfall. The following items will be checked in particular:

- All sediment trappings will be checked regularly for necessary sediment removal.
- All storm drain inlets and outlets will be checked regularly for sediment buildup.
- All silt barriers will be checked regularly for underpinning or deterioration.
- All seeded areas will be checked regularly to see that good stabilization is maintained. Areas should be fertilized and reseeded as needed.

EROSION CONTROL LEGEND

NO.	TITLE	KEY	SYMBOL
1.01	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	CE	
1.08	STORM DRAIN INLET PROTECTION	IP	
1.15	TEMPORARY DIVERSION DIKE	DD	
1.36	OUTLET PROTECTION	OP	
1.37	RIPRAP	RR	
1.66	PERMANENT SEEDING	PS	
1.60	SURFACE ROUGHING	SR	
1.06	SILT FENCE	SF	

CONSTRUCTION PHASING:

- INSTALL CONSTRUCTION ENTRANCE.
- INSTALL TEMPORARY DIVERSION DIKE.
- GRADE ROAD AND STABILIZE.
- INSTALL UTILITIES.
- STABILIZE DENUDEED AREAS AS REQUIRED.
- PAVE ROAD.

SHEET REFERENCES:

SEE SHEET #3 FOR RECORD MAP
SEE SHEET #4 FOR NOTES & DETAILS
SEE SHEET #5 FOR DIMENSIONAL LAYOUT & UTILITIES
SEE SHEET #6 FOR SITE PLAN
SEE SHEET #7 FOR PROFILE - WATER, SEWER, ROAD
SEE SHEET #8 FOR SEWER SPECIFICATIONS & DETAILS
SEE SHEET #9 FOR WATER SPECIFICATIONS & DETAILS
SEE SHEET #10 FOR EROSION AND SEDIMENT CONTROL

SMITH MOUNTAIN LAKE



SMITH MOUNTAIN LAKE

THIS PLAN IS FOR EROSION CONTROL PURPOSES ONLY

REVISION	DATE	DESCRIPTION
DESIGNED	SMP	EROSION CONTROL FOR "ISLAND GREEN POINTE, PHASE II" at THE WATERS EDGE PREPARED FOR WILLARD CONSTRUCTION OF ROANOKE VALLEY, INC. UNION HALL MAGISTERIAL DISTRICT FRANKLIN COUNTY, VIRGINIA
DRAWN	RAC	
CHECKED	GLR	
LUMSDEN ASSOCIATES, P.C. ENGINEERS-SURVEYORS-PLANNERS ROANOKE, VIRGINIA		
SCALE: 1" = 50' COMM. 84-665/G2		
DATE: 10 JAN. 1992 SHEET 11 of 11		

