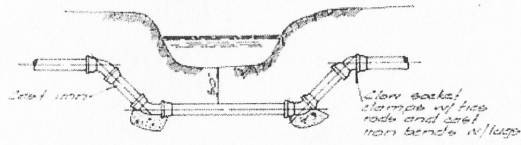
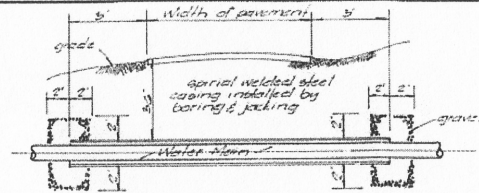


CROSS

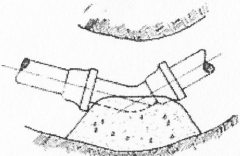


TYPICAL CREEK CROSSING

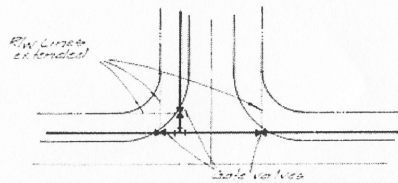


TYPICAL HIGHWAY CROSSING

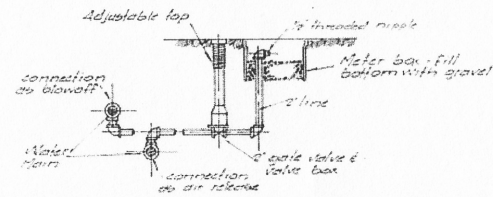
Pipe size	Covering size	Covering weight
8"	8"	175
12"	8"	175



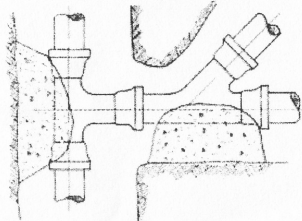
45° & 22 1/2° BEND



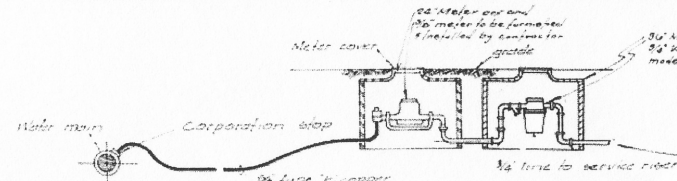
TYPICAL VALVE LOCATION



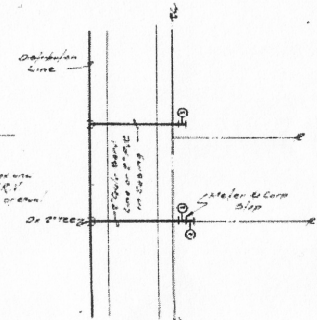
AIR RELEASE & BLOWOFF ASSEMBLY



TEE & WYE



TYPICAL SERVICE & METER CONNECTION



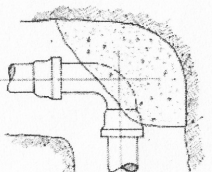
SCHEMATIC Meter location across road

HYDRAULIC DATA

WELL DATA	
Depth from ground to water surface at 60 GPM (Source: Well Test 3/4/74)	2320
Static lift (to tank overflow)	34.0
Friction loss (400' of 8" pipe at 60 GPM)	0.3
Discharge Pressure (34 + 0.3) x 2.31	79.52
	USE 80 PSI

Pump Selected:
LUCRUI Series 02
Model 7530A16
Rated at 45 GPM with a
150' static head
and a discharge
pressure of 80 PSI

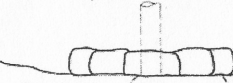
7 1/2 HP motor
6" submersible pump
15' long



90° BEND



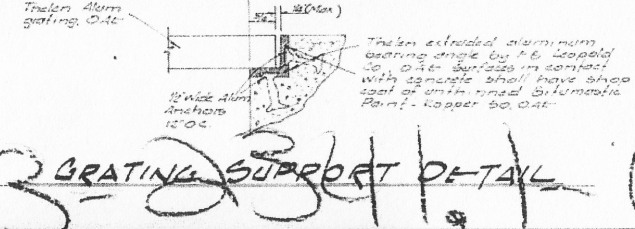
SERVICE ROAD
TYPICAL CROSS SECTION



PLAN



HEADWALL DETAIL



GRATING SUPPORT DETAIL



Pipe size	12" cover	18" cover	24" cover	30" cover
8"	4	6	8	10
12"	6	10	14	18
18"	10	16	22	28
24"	14	22	30	38

THRUST BLOCK TABLE



REVISIONS				ph number	scale	TOWN OF EAGLE ROCK RURAL WATER SYSTEM DEMONSTRATION WATER PROJECT MISCELLANEOUS DETAILS BOTETOUR COUNTY, VIRGINIA
no.	date	description	by	date	None	
					sheet	
					of	

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