

				STORM CH	AMBER / SAND FILTER	RSCHEDULE				
	А В		С	D	Е	F	PIPE IN		PIPE OUT	
	GRIT & O	IL CHAMBER	SAND CHAMBER	CLEAR WELL	CHAMBER DEPTH	CHAMBER WIDTH	SIZE	INVERT	SIZE	INVERT
VAULT 1	4'-6''	4'-6"	34' - 8"	4'-0"	8,-6,.	21' - 4"	36"	949.01	15"	945.54
VAULT 2	6'-0"	6'-0"	36'-0"	4'-0"	8'-0"	21' - 4"	30"	949.02	15"	945.00
	GRIT CONTROL ORIFICE			GRIT CONTROL WEIR		SAND CHAMBER ORIFICE			EMERGENCY OVERFLOW WEIF	
	NO.	DIAMETER	INVERT	WIDTH	ELEVATION	NO.	DIAMETER	INVERT	WIDTH	ELEVATION
VAULT 1	3	6"	946.04	20'-0"	948.54	3	5"	945.54	10'-0"	952.54
VAULT 2	3	6"	945.50	20'-0"	948.00	3	6"	945.00	10'-0"	952.00

## INSPECTION / MONITORING SCHEDULE:

1. THE WATER LEVEL IN THE FILTER CHAMBER SHALL BE MONITORED BY THE OWNER ON A QUARTERLY BASIS AND AFTER EVERY LARGE STORM FOR THE FIRST YEAR AFTER COMPLETION OF CONSTRUCTION.

2. A LOG SHALL BE MAINTAINED OF THE RESULTS INDICATING THE RATE OF DEWATERING AFTER EACH STORM AND THE WATER DEPTH FOR EACH OBSERVATION.

3. ONCE THE CITY OF ROANOKE STAFF INDICATES THAT SATISFACTORY PERFORMANCE OF THE STRUCTURE HAS BEEN DEMONSTRATED, THE MONITORING SCHEDULE CAN BE REDUCED TO AN SEMIANNUAL BASIS.

4. THE BMP SHALL BE INSPECTED ANNUALLY BY REPRESENTATIVES OF THE OWNER AND THE CITY OF ROANOKE TO ASSURE CONTINUED PROPER FUNCTIONING.

## SEDIMENT CHAMBER PUMPOUT:

1. THE SEDIMENT CHAMBER MUST BE PUMPED OUT HALFWAY THROUGH THE INSPECTION CYCLE (SIX MONTHS) AND AFTER EACH JOINT OWNER-CITY OF ROANOKE ANNUAL

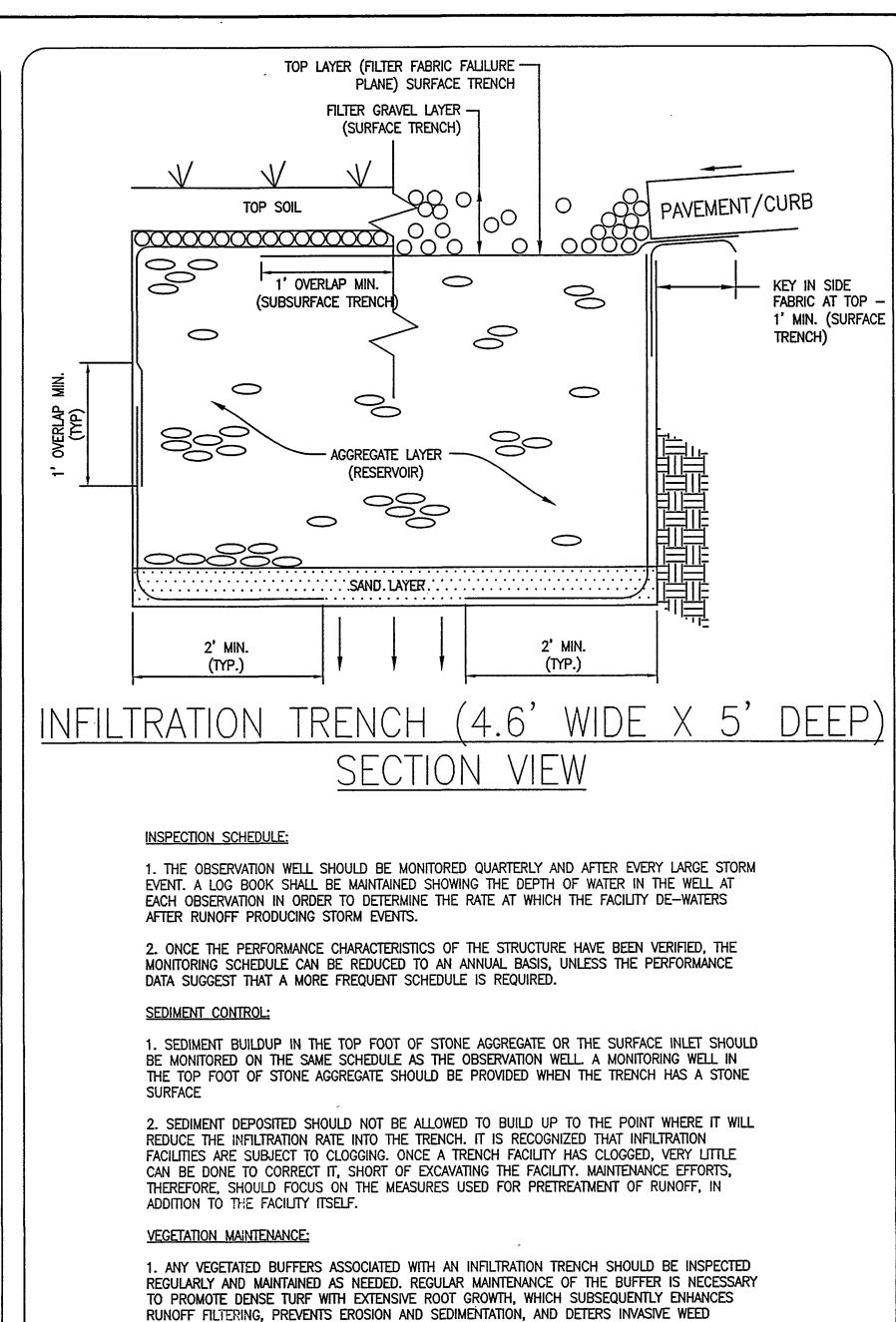
2. IF THE CHAMBER CONTAINS AN OIL SKIM, IT SHOULD BE REMOVED BY A FIRM SPECIALIZING IN OIL RECOVERY AND RECYCLING. THE REMAINING MATERIAL MAY THEN BE REMOVED BY VACUUM PUMP AND DISPOSED OF IN AN APPROPRIATE LANDFILL.

3. AFTER EACH CLEANING, REFILL THE FIRST CHAMBER TO A DEPTH OF THREE FEET WITH CLEAN WATER TO REESTABLISH THE WATER SEALS.

## FILTER MEDIA REPLACEMENT:

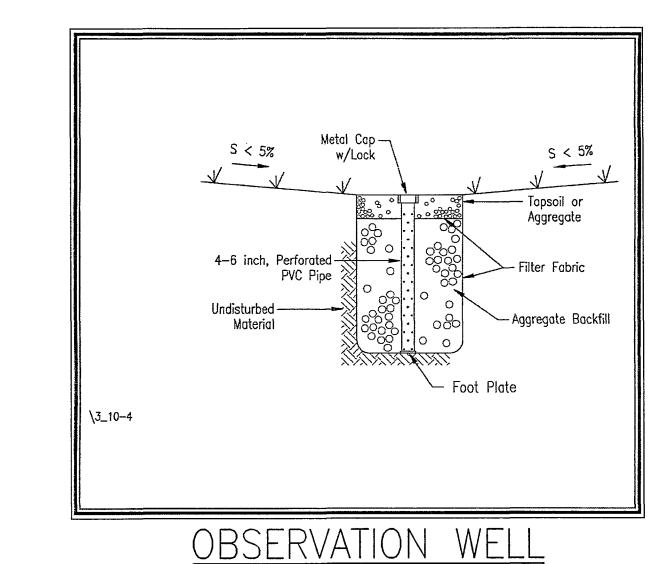
1. WHEN THE FILTER MEDIA WILL NO LONGER DRAW DOWN WITHIN THE REQUIRED 40-HOUR PERIOD. THE TOP LAYER OF FILTER CLOTH AND BALLAST GRAVEL MUST BE REMOVED AND REPLACED WITH NEW MATERIALS CONFORMING TO THE ORIGINAL

2. ANY DISCOLORED OR SEDIMENT CONTAMINATED SAND SHALL ALSO BE REMOVED AND

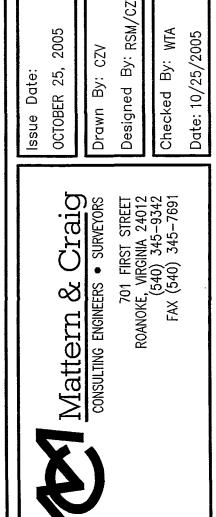


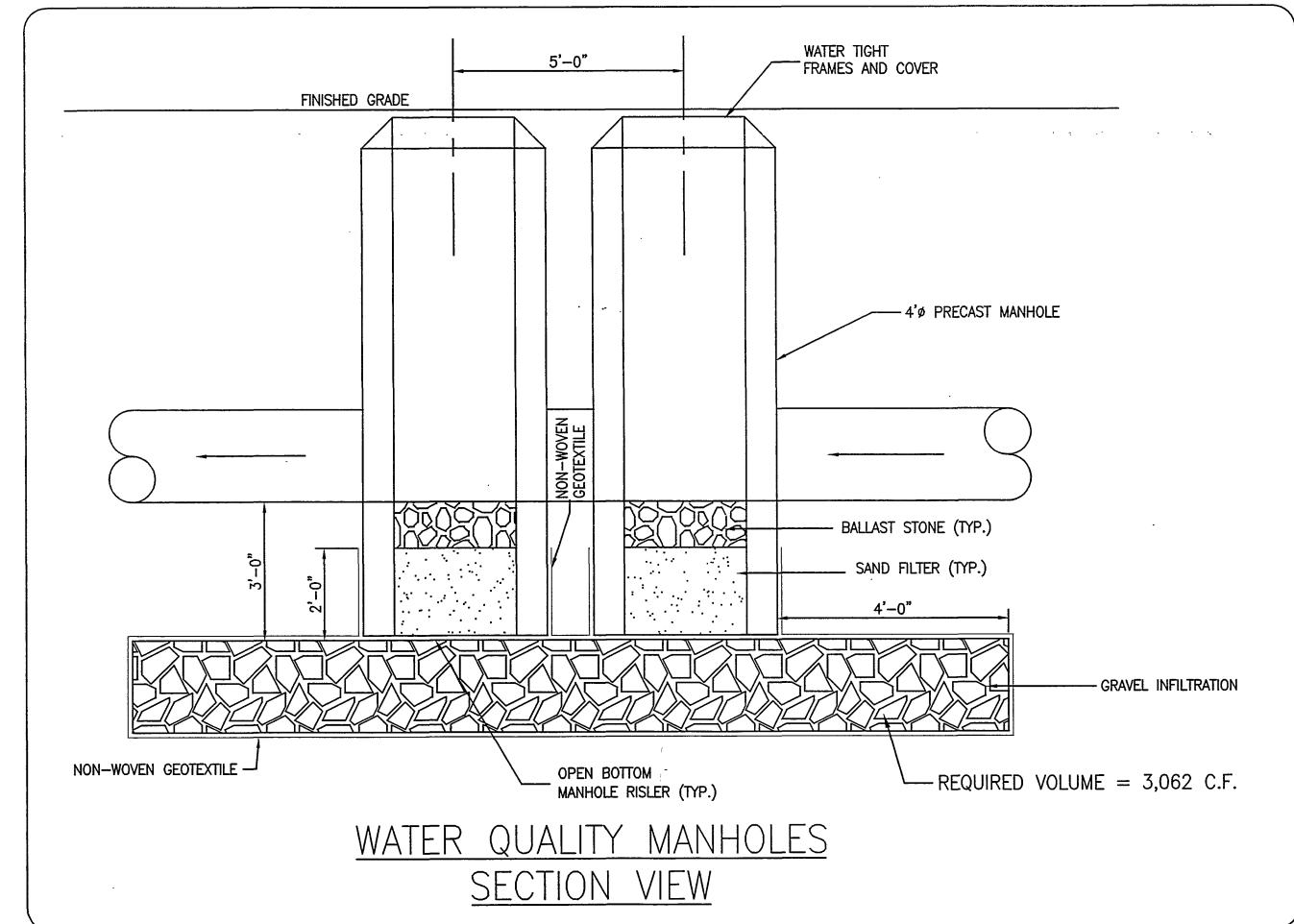
2. BARE SPOTS SHOULD BE IMMEDIATELY STABILIZED AND REVEGETATED. FERTILIZERS SHOULD BE APPLIED ONLY AS NECESSARY AND IN LIMITED AMOUNTS TO AVOID CONTRIBUTING TO POLLUTION PROBLEMS WHICH THE INFILTRATION BASIN HELPS TO MITIGATE. CONSULT THE VESCH 992 EDITION

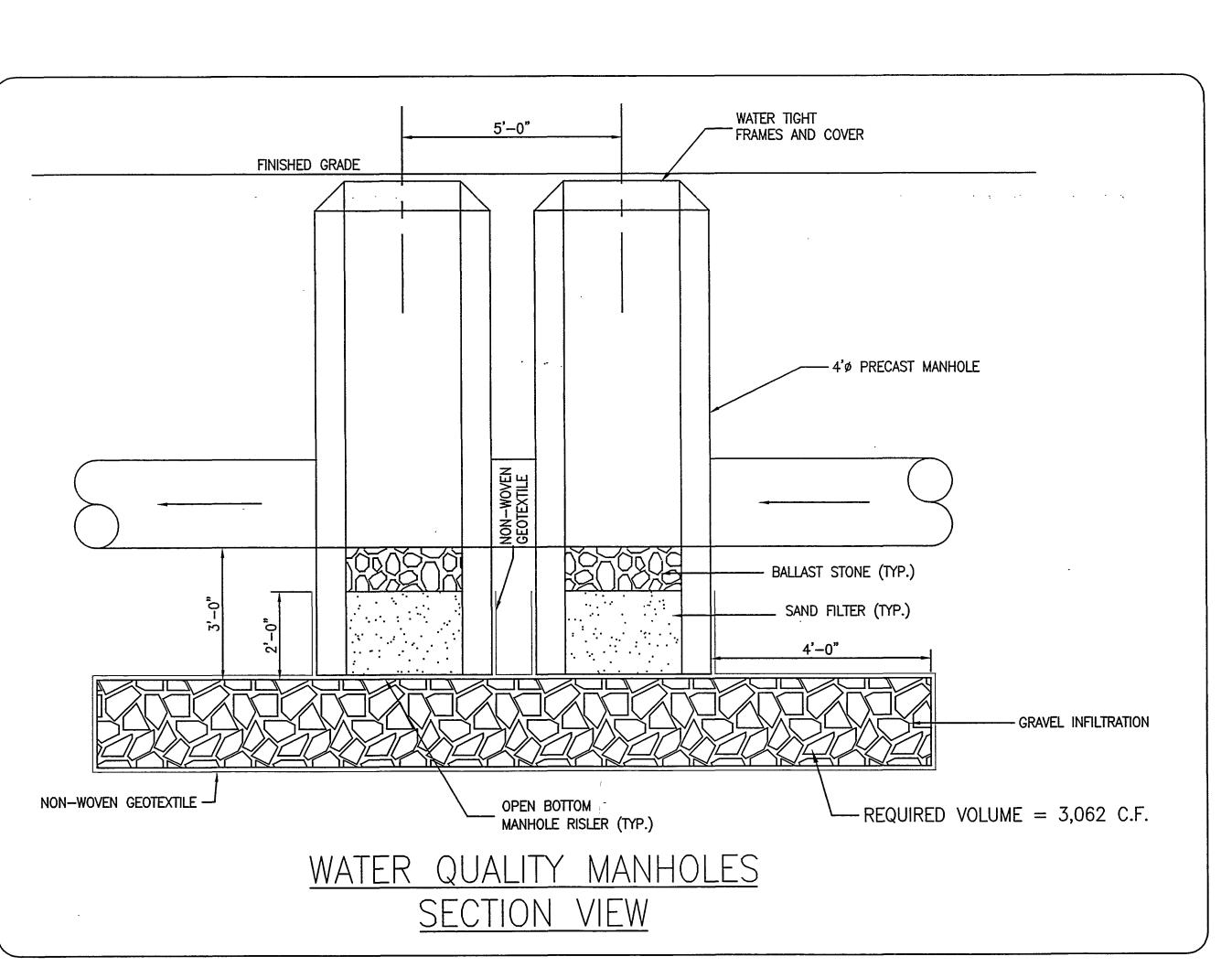
FOR APPROPRIATE FERTILIZER TYPES AND APPLICATION RATES

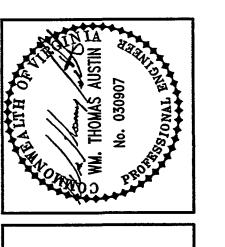


SECTION VIEW









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TAILS — MANAGEMENT

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