

Bacteriological Sampling Requirement for Repairs or Installation of New Water Mains

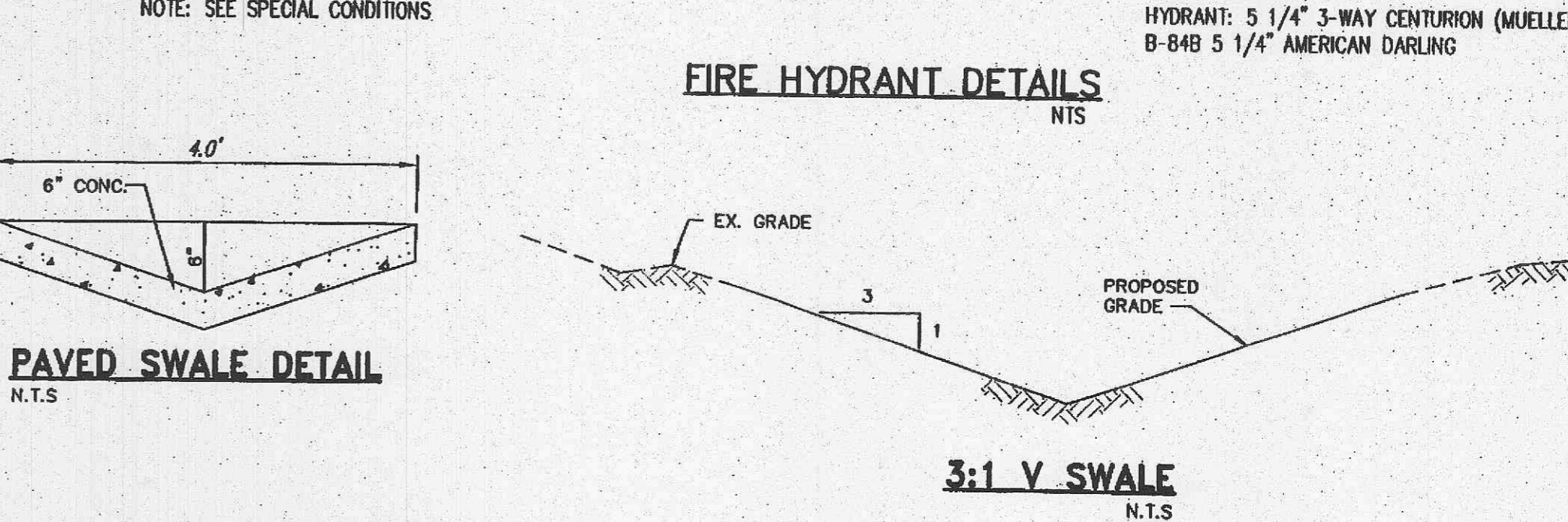
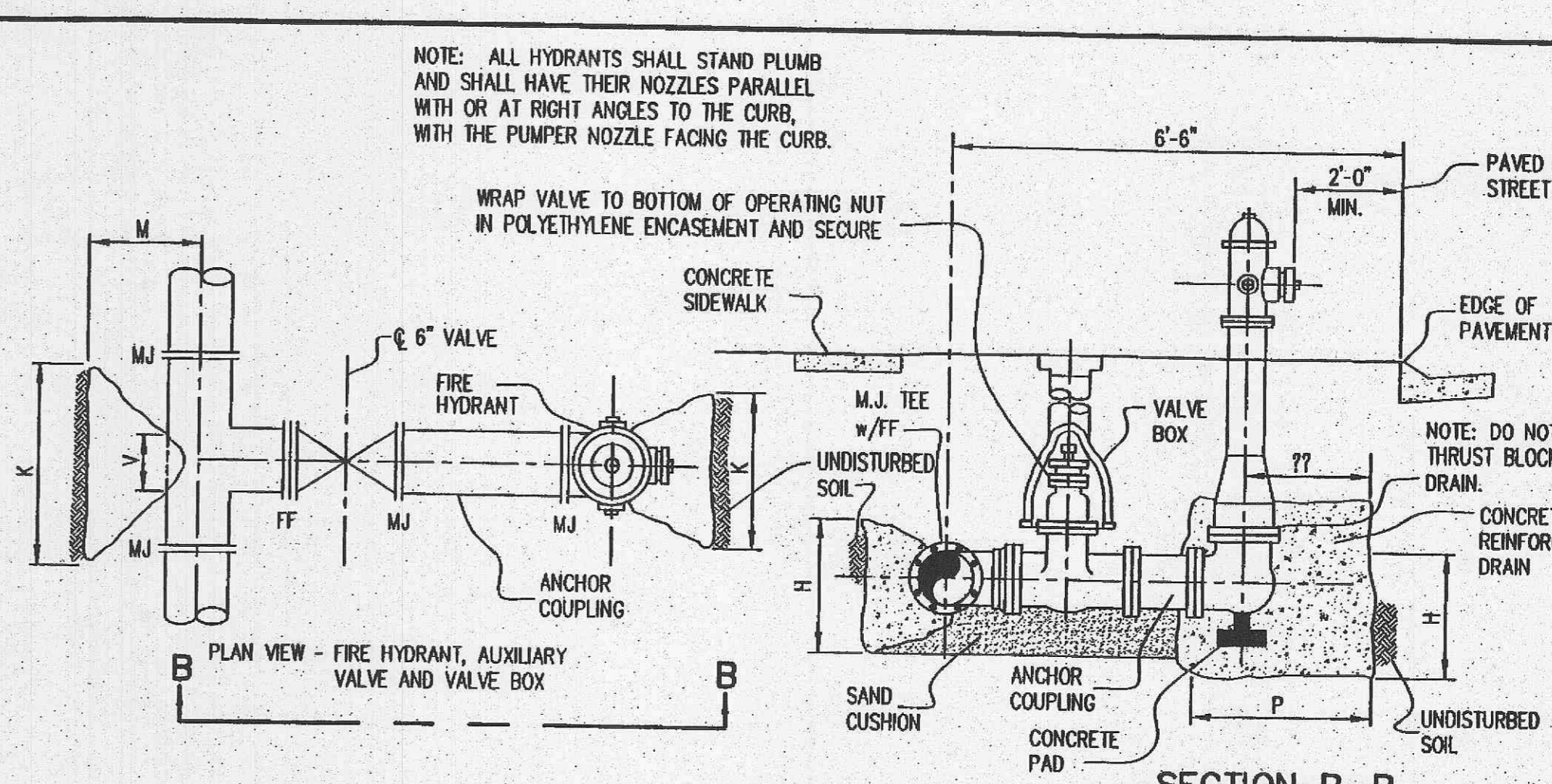
Two passed Total Coliform samples and two passed Heterotrophic Plate Count samples. Samples are to be on consecutive days, approximately 20 hours apart. One Total Coliform sample and one Heterotrophic Plate Count sample taken on each day at the same sampling location. The length of new main will dictate total number of samples to be taken. Number of samples will be determined by the Public Works Director on his assign. City Inspector must be present at time of sampling.

Passing results of analyses must be:

Total Coliform: Less than one Coliform Colony per 100 milliliter sample.
 Heterotrophic Plate Count: Less than one Colony Forming Unit per milliliter of sample.

Results must be reported as:

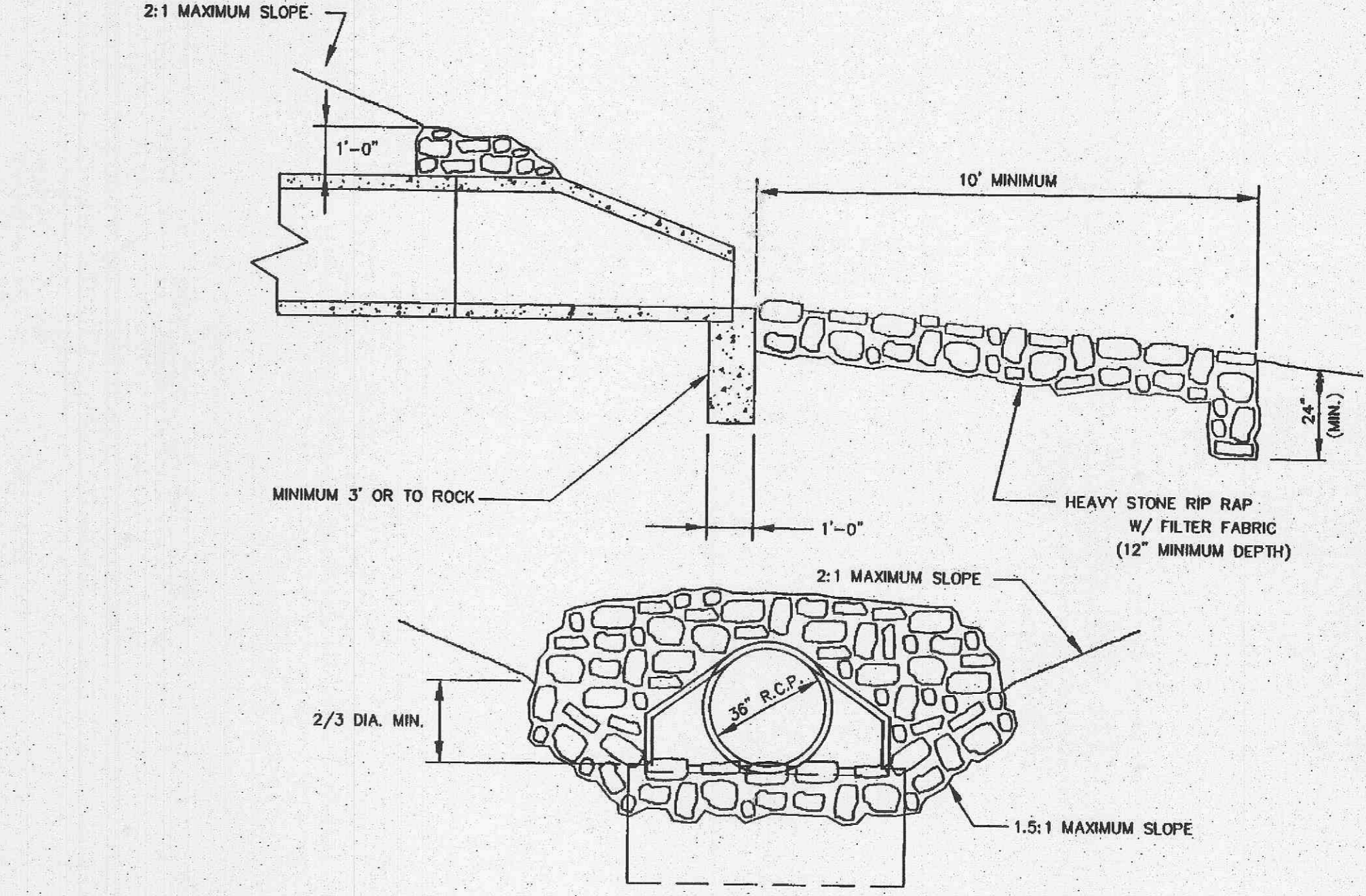
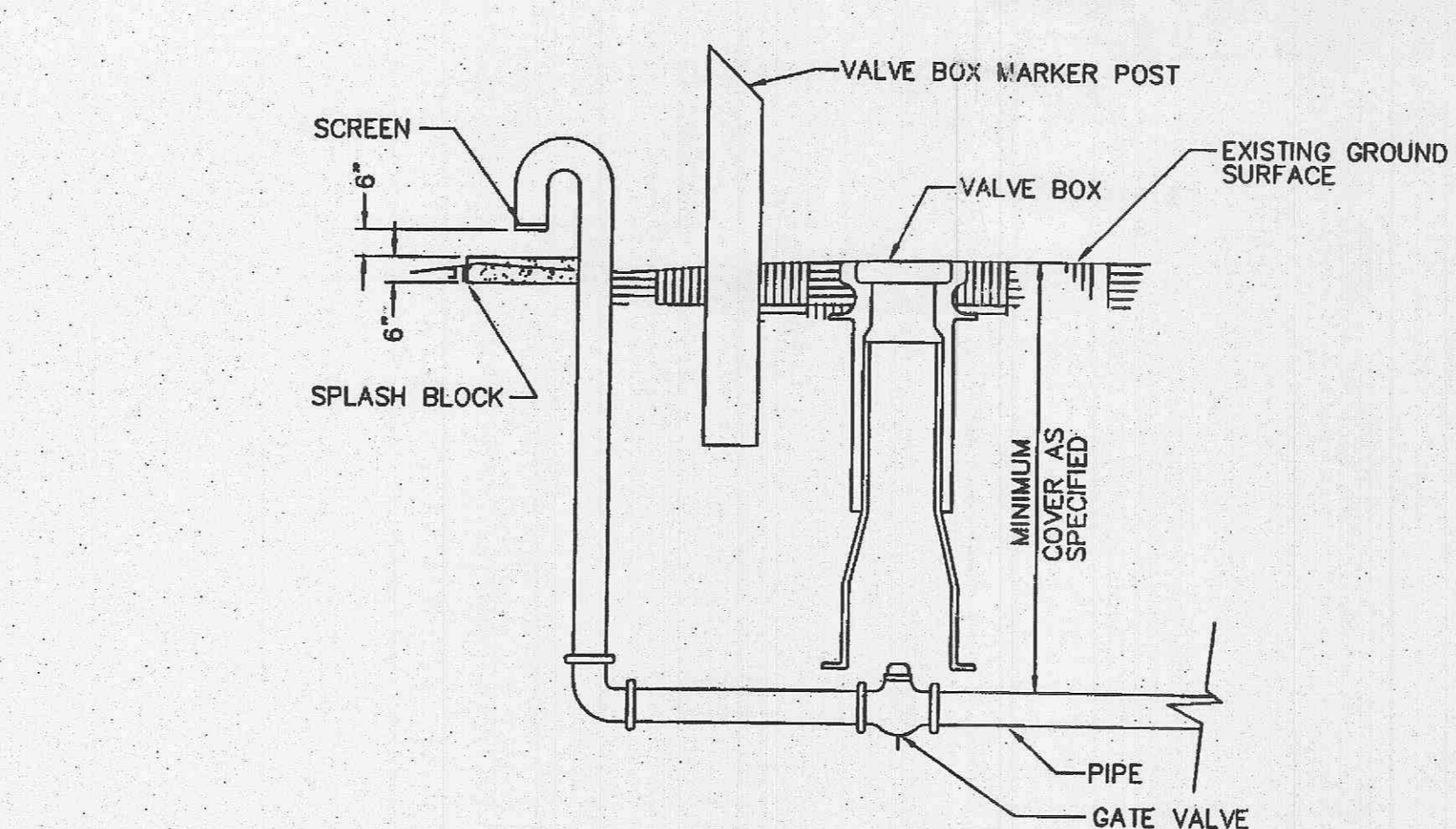
Total Coliform: Total coliform Colonies/100ml, using the membrane filter method, with the time, date, medium used, location, and analyst.
 Heterotrophic Plate Count: Number of CFU/ML, using the membrane filter method, with the time, date, medium used, location, and analyst.



TRENCH DETAILS

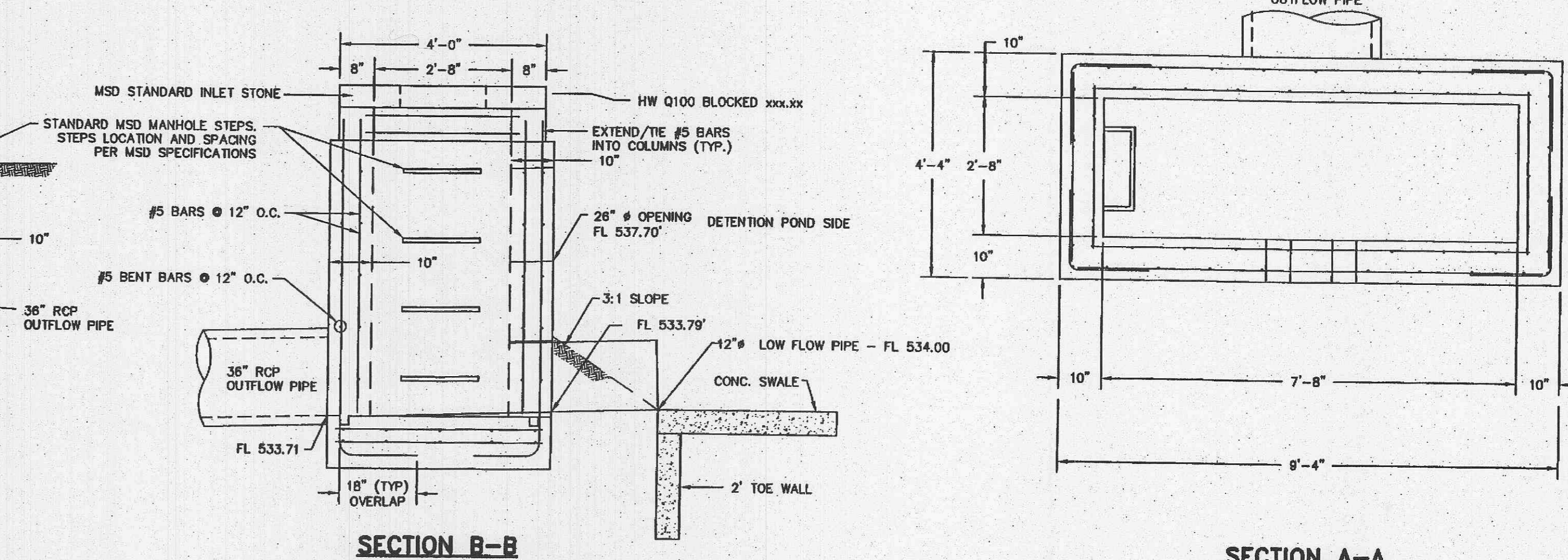
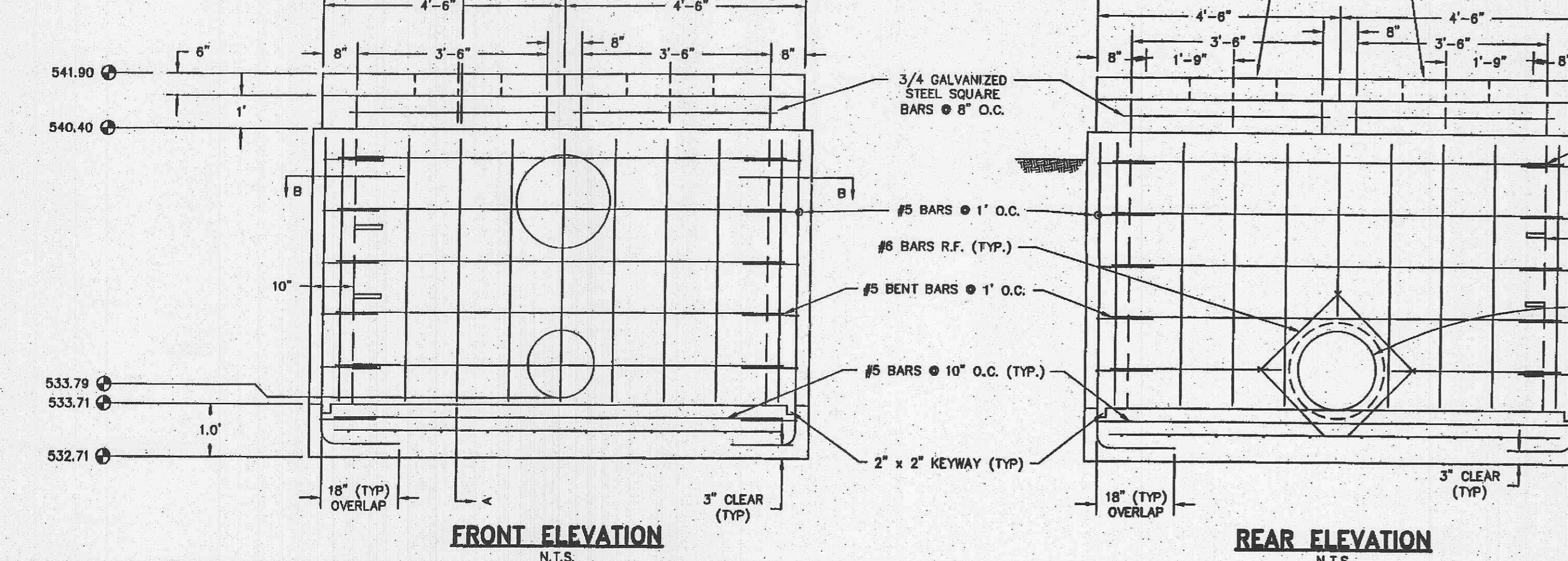
Dimensions are in feet. Use above thrust block dimensions unless poor soil conditions (organics, saturated clay, etc.) dictate use of larger thrust area.

PIPE DIA.	90° BENDS	45° BENDS	22.5° BENDS	WYES & TEES		
DIA.	B	D	B	B	D	
2"	1.0	0.7	1.0	0.7	1.0	0.7
3"	1.0	0.7	1.0	0.7	1.0	0.7
4"	1.0	0.7	1.0	0.7	1.0	0.7
6"	1.4	1.0	1.0	1.0	1.6	1.0
8"	1.8	1.0	1.0	1.0	2.2	1.0
10"	2.3	1.2	1.2	1.4	3.2	1.2
12"	2.7	1.4	2.0	1.4	3.2	1.4
14"	3.2	1.5	2.4	1.5	3.0	1.5
16"	3.6	1.7	2.7	1.9	4.3	1.7



OUTFALL STRUCTURE OS2

2 YEAR, 24 HR STORM HWL = 537.56'
 100 YEAR, 24 HR STORM HWL = 540.44'
 100 YEAR, 20 MINUTE STORM BLOCKED LOW FLOW HWL = 540.95'



DATE: _____

REVISIONS:

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		

PREPARED BY: **TROMPET**

PROJECT NAME: SIGMUND PLACE

SHEET TITLE: DETAILS

CLIENT NAME: SIGMUND BROTHERS DEVELOPMENT LLC

PROJECT NUMBER: 08-11-0002

SHEET: 6 OF 8

DATE: 03/19/06

DRAWN BY: LG

CHECKED BY: OC

SCALE: _____

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