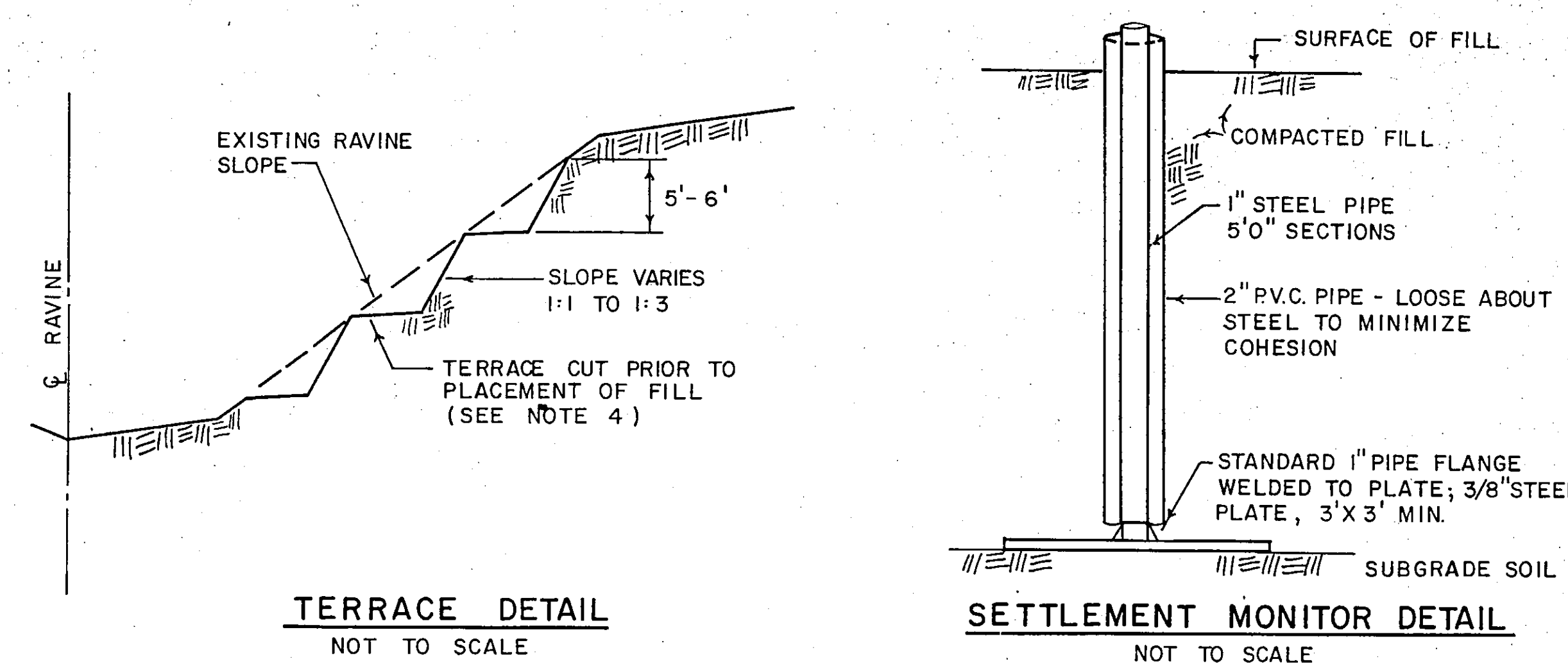
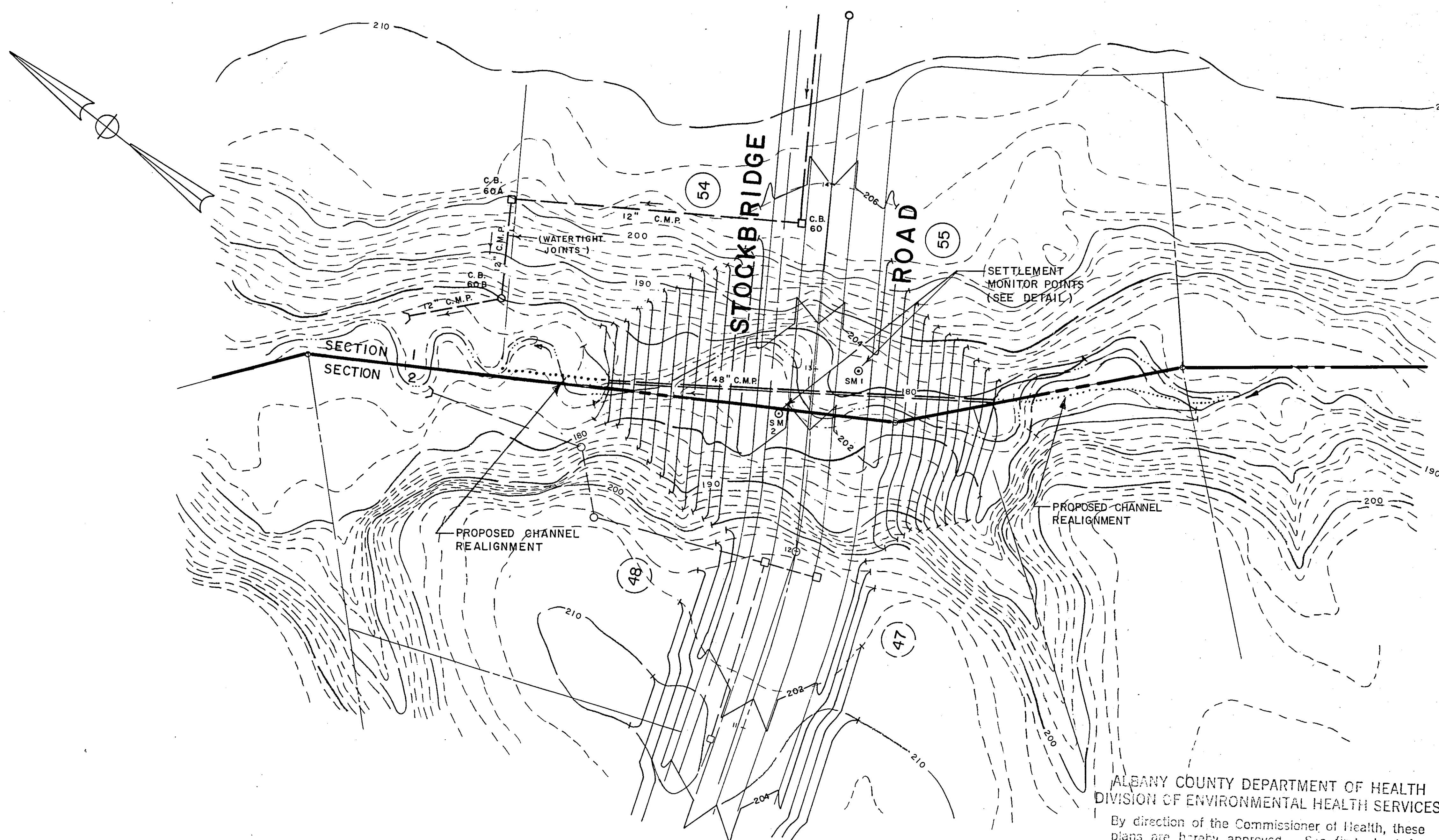


NOTES: CON'D.

5. UNDERCUT 8 LINE STREAM BED WITH 18" THICK RIP RAP APRON, 20 FT IN LENGTH, AT EACH END OF CULVERT. RIP RAP TO BE ANGULAR STONE FRAGMENTS, 10 LB. TO 5 LB. WEIGHT GRADATION. BRING RIP RAP UP AROUND END SECTIONS TO 2 FT. HEIGHT.
6. CULVERT INVERTS TO BE ESTABLISHED IN FIELD AT TIME OF CONSTRUCTION AS REQUIRED BY TOWN ENGINEER.
7. 48" CULVERT:
BEDDING - 12" COMPACTED R.O.B. GRAVEL.
BACKFILL - TO 18" ABOVE TOP OF PIPE, COMPACTED R.O.B. GRAVEL.



NOTES:

- DUE TO THE COHESIVE NATURE OF THE ON-SITE CLAY SOILS TO BE USED FOR FILL MATERIAL, THE FOLLOWING PROCEDURES ARE NECESSARY:
1. FILL TO BE PLACED AND COMPACTED IN 18-INCH LIFTS USING SHEEPS FOOT ROLLERS AND DESIGNED TO NOT LESS THAN 95% OF MAXIMUM MODIFIED PROCTOR DENSITY PER ASTM D-1557.
 2. PROVIDE EROSION PROTECTION ON ALL CUT SLOPES.
 3. PROVIDE DRAINAGE COURSES WHERE NECESSARY TO PREVENT ALL PONDING OF WATER.
 4. FILL TO BE KEPT TO RAVINE SLOPE. SEE "TERRACE DETAIL".
 5. CON'T ON LEFT.

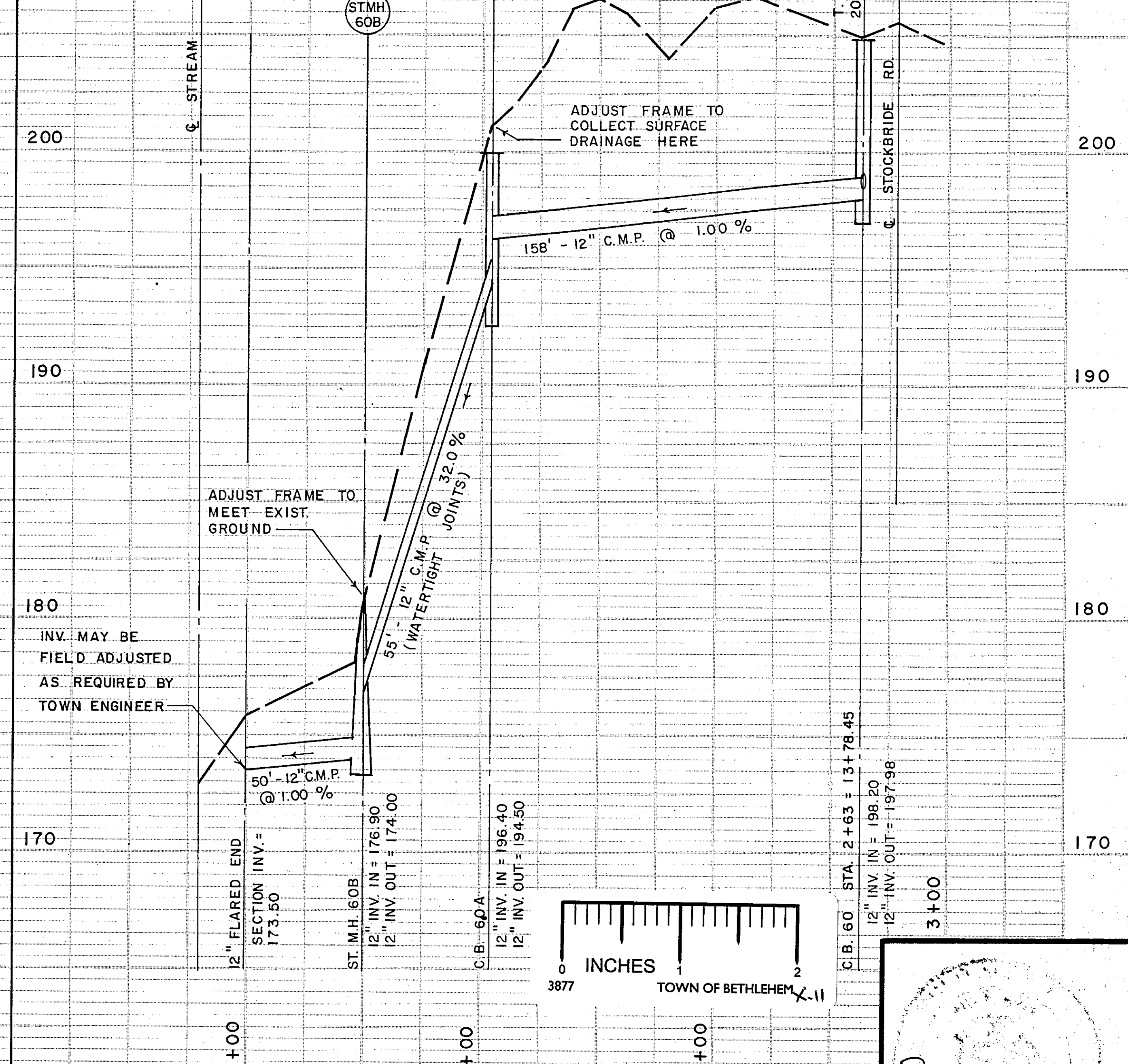
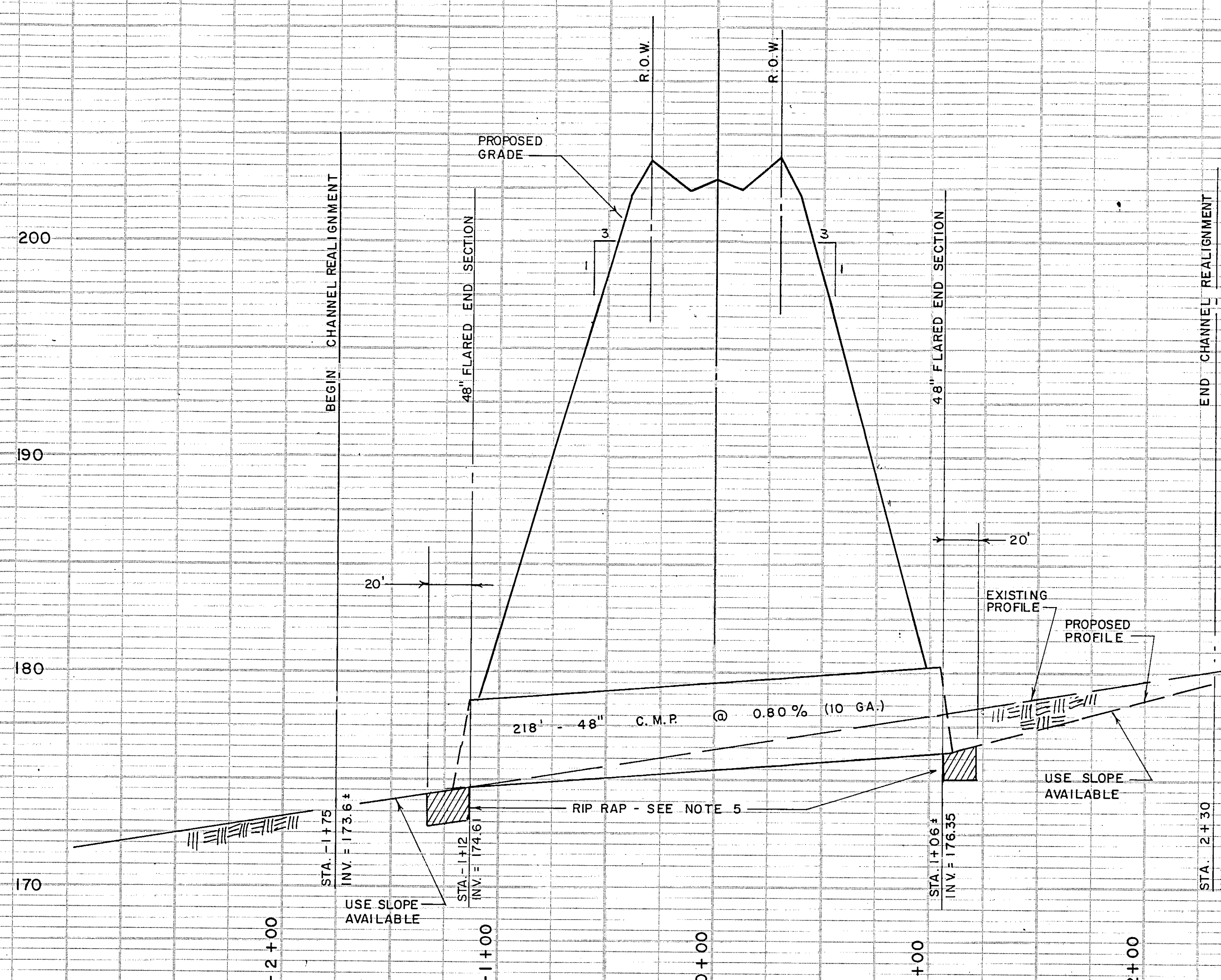
NOTE: SEE SHEET 4 FOR "SOIL EROSION AND SEDIMENT CONTROL MEASURES"

NOTES

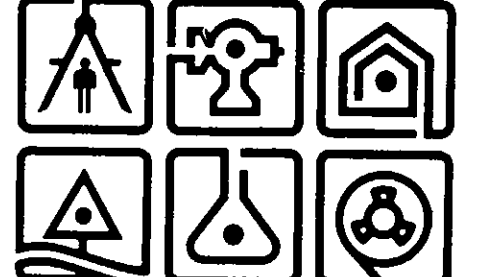
- 1- Storm sewers, water mains, and underground utilities are shown in their relative position and for information only. Their exact location shall be checked at the site before construction begins.
- 2- Contractor shall restore lawns, driveways, walks, walls, curbs, fences, etc. to a condition at least as good as they were before being disturbed.
- 3- Box all trees and house all shrubs and hedges before placing earth against or near them. Shrubs and hedges which must be removed during construction shall be headed in and replanted in as good a condition as they were before their removal. Any damaged trees, shrubs, and/or hedges shall be replaced at the contractor's expense.
- 4- Posts, mailboxes, etc. shall be protected, or removed and replaced exactly as they were before being disturbed. Damaged items shall be replaced at the contractor's expense.
- 5- No work, storage, or trespass shall be permitted beyond the boundaries of the easement as shown and staked.
- 6- Sewer mains in relation to water mains: where possible, sewers shall be laid at least 10 (ten) feet horizontally from any existing or proposed water main. Vertical separation shall be maintained to provide 18 (eighteen) inches between top of sewer and the invert of the water main at utility crossings. When impossible to obtain the proper vertical separation, cast iron pipe shall be used 10 (ten) feet on each side of the water main being crossed.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ALBANY COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES.
By direction of the Commissioner of Health, these plans are hereby approved. See first sheet for date and signature.



C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, Latham, NY 12110



DATE	RECORD OF WORK	Drawn	Check	Appr.	DATE	RECORD OF WORK	Drawn	Check	Appr.
6-25-84	REVISED FILL SECTION TO ELIMINATE TERRACE	SEO	JEF						
8-6-84	REVISED SLOPE ON CULVERT AND ADDED VARIOUS NOTES	SEO	JEF						
9-6-84	ADDED NOTE 5 CON'T.	JB							

DATE	RECORD OF WORK	Drawn	Check	Appr.	DATE	RECORD OF WORK	Drawn	Check	Appr.

DATE	RECORD OF WORK	Drawn	Check	Appr.	DATE	RECORD OF WORK	Drawn	Check	Appr.

DRAWN BY JMG	TOWN OF BETHLEHEM
CHECKED BY	COUNTY OF ALBANY
APPROVED BY PAUL K. MALE	DATE MAY 16, 1984
LICENSE NO. PE. 57,084	SCALES: HOR. 1 inch = 50 feet; VERT. 1 inch = 5 feet

DRAWN BY JMG	TOWN OF BETHLEHEM
CHECKED BY	COUNTY OF ALBANY
APPROVED BY PAUL K. MALE	DATE MAY 16, 1984
LICENSE NO. PE. 57,084	SCALES: HOR. 1 inch = 50 feet; VERT. 1 inch = 5 feet

PLAN / PROFILE	DEERFIELD - SECTION 1
STOCKBRIDGE RD. - CROSS-SECTION & DETAILS	DWG NO. 84-153
Sheet 5 of 5	FEB 11 1985

Paul K. Male
Professional Engineer
State of New York
No. 57,084