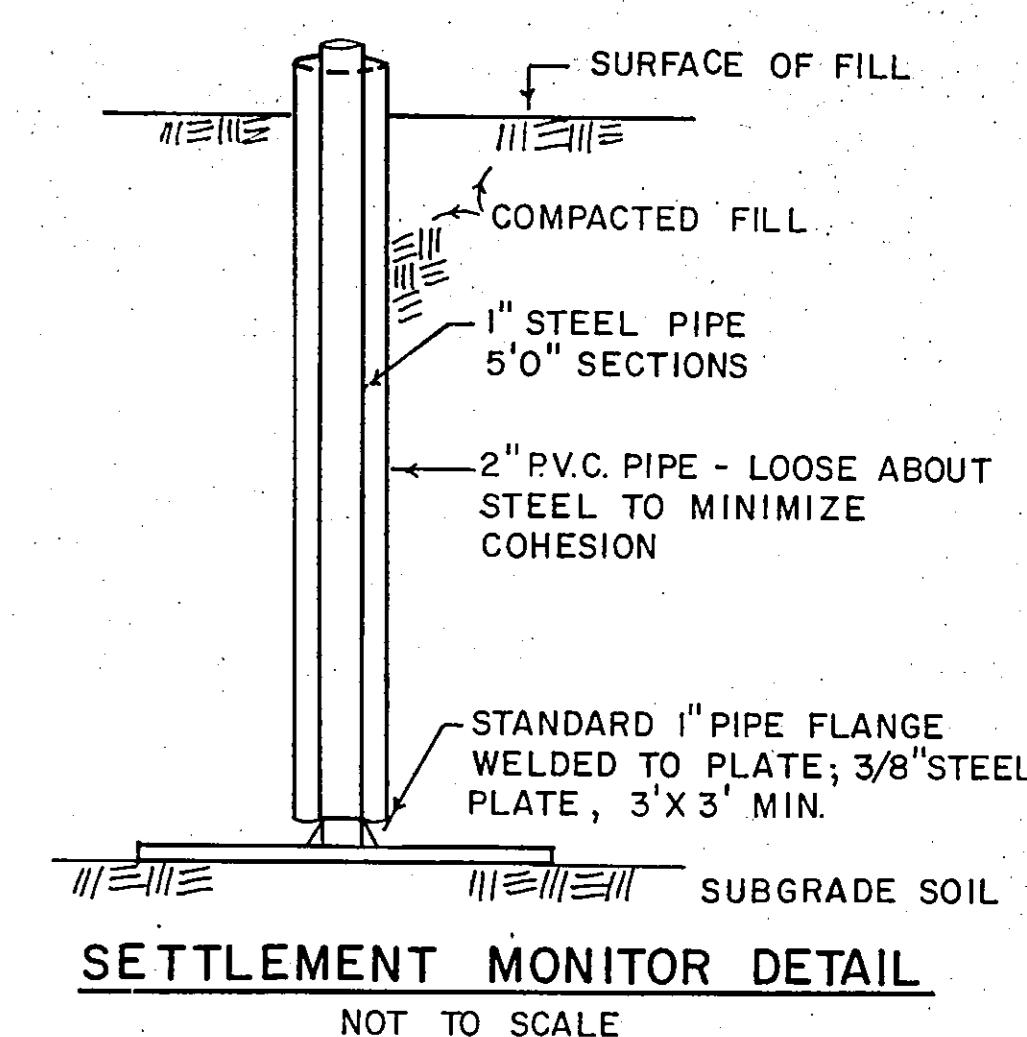
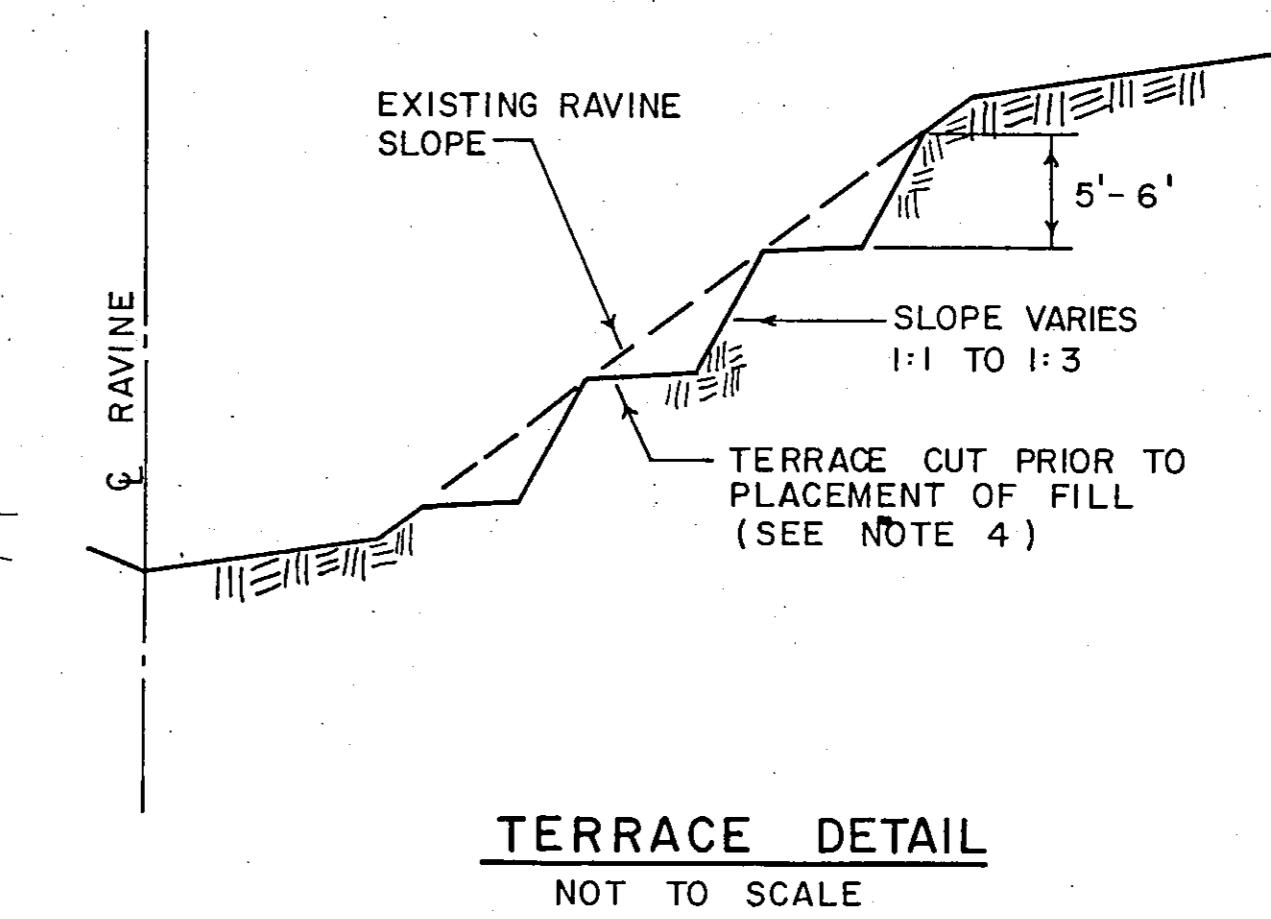
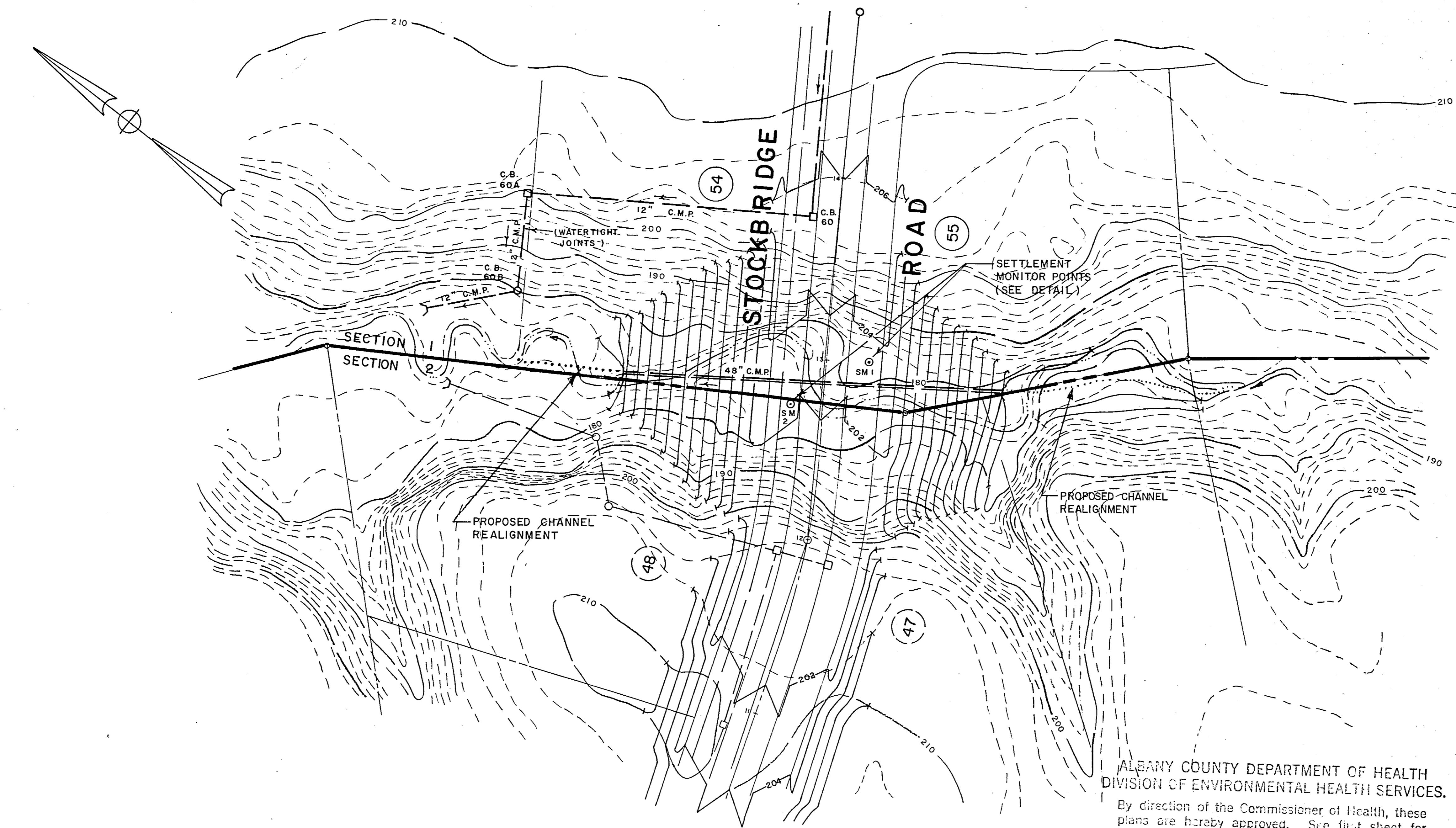


- NOTES: CON'D.
5. UNDERCUT 8' LINE STREAM BED WITH 18" THICK RIP RAP APRON, 20 FT IN LENGTH, AT EACH END OF CULVERT. RIP RAP TO BE ANGULAR STONE FRAGMENTS, 10 LB. TO 5 LB. WEIGHT GRADATION. BRING RIP RAP UP AROUND END SECTIONS TO 2 FT. HEIGHT.
  6. CULVERT INVERTS TO BE ESTABLISHED IN FIELD AT TIME 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.



TERRACE DETAIL  
NOT TO SCALE

SETTLEMENT MONITOR DETAIL  
NOT TO SCALE

- 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 SHEEP'S FOOT ROLLERS AND DENSIFIED 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 KEYED TO RAVINE SLOPE. SEE "TERRACE DETAIL".
  5. CON'T ON LEFT.

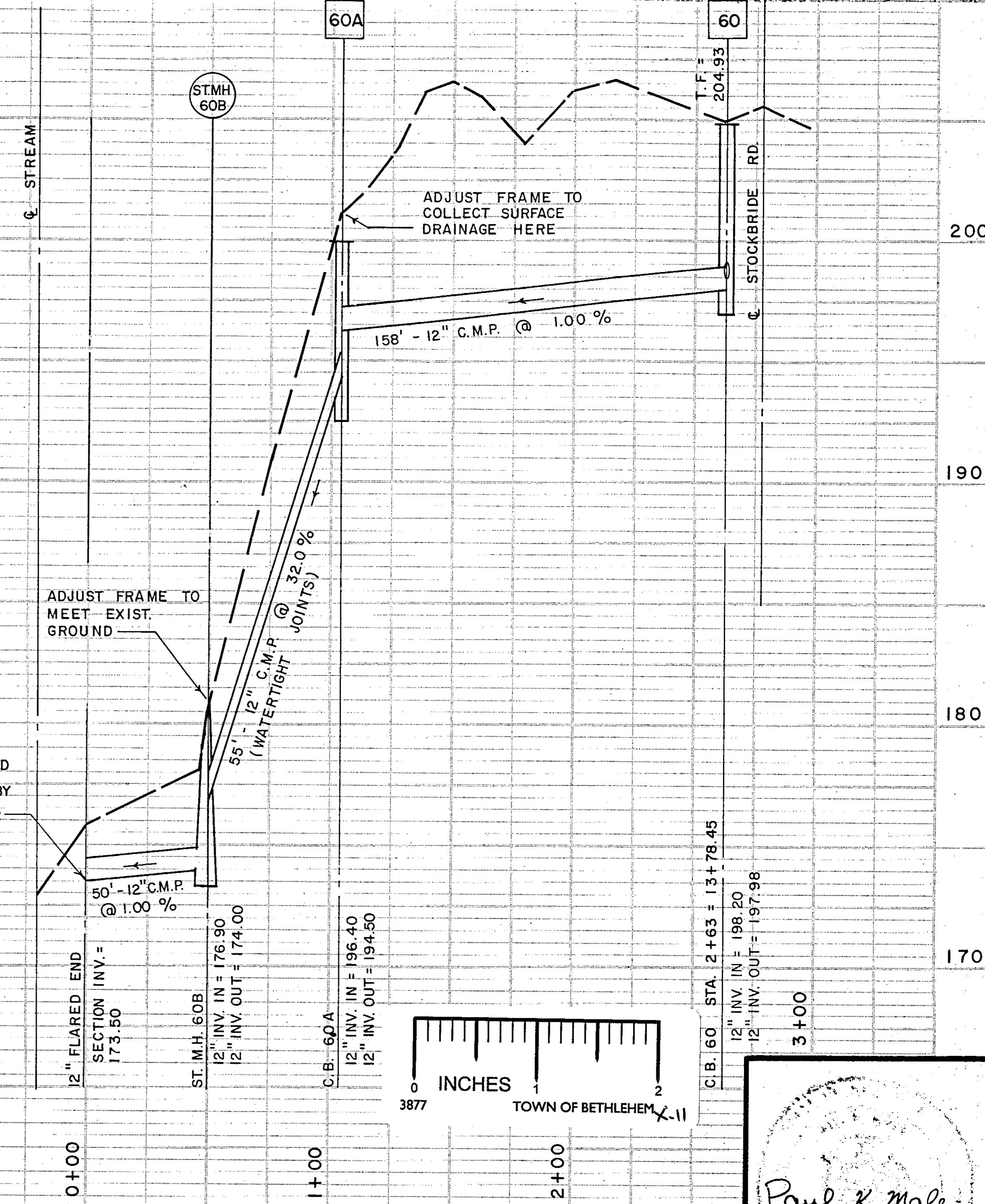
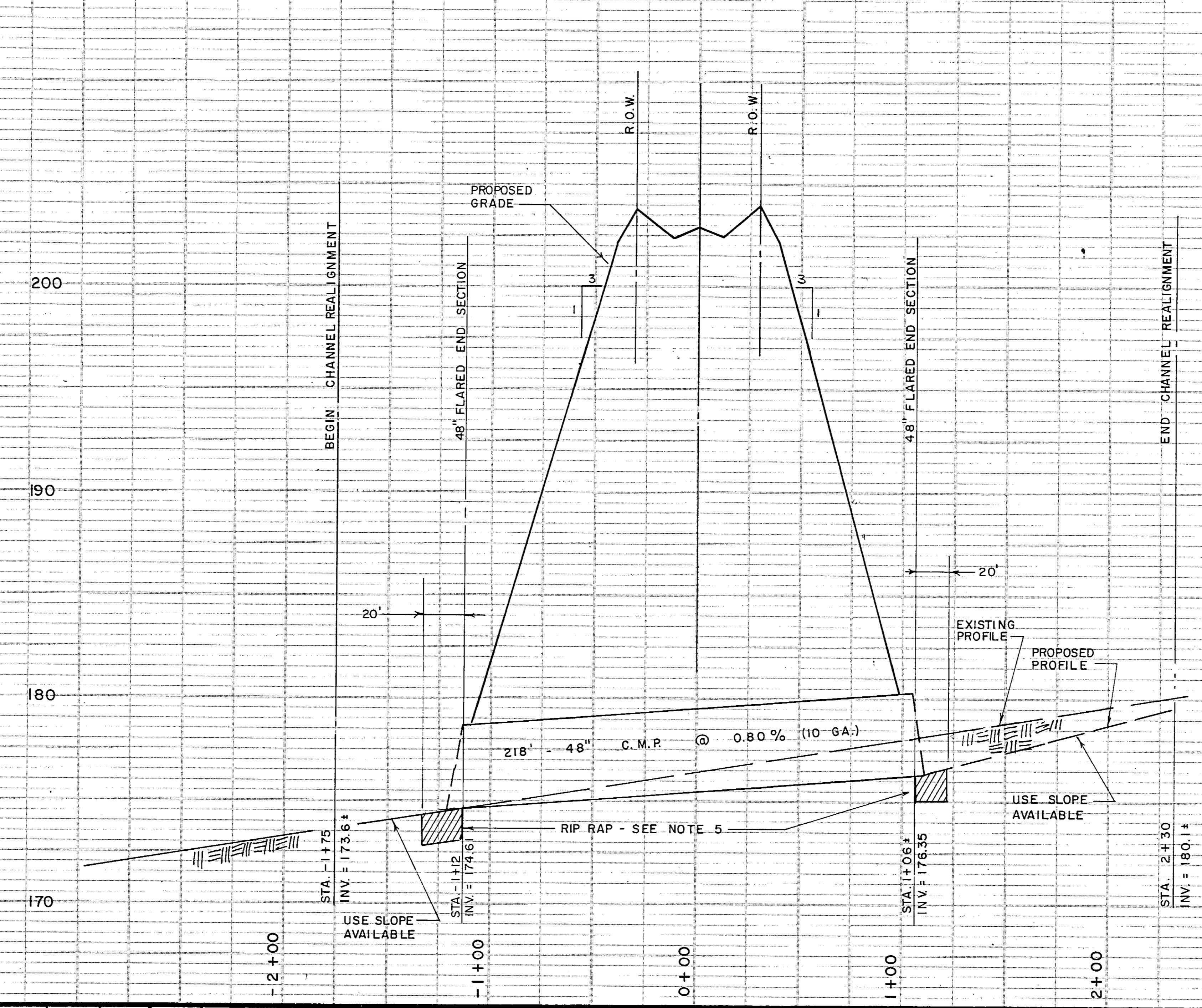
NOTES

- 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 large shrubs and hedges before placing earth against or near them. Shrubs and hedges which must be removed during construction shall be heeded in and replanted in good 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 main 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 (approximately 18 (eighteen) inches) between top of sewer and the invert of the water main or 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.

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

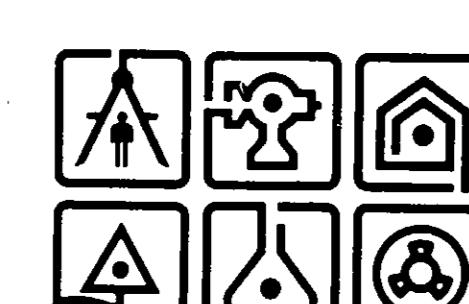
ALBANY COUNTY DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES.  
By direction of the Commissioner of Health, these  
plans are hereby approved. See first sheet for  
date and signature.

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



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

Engineering Surveying Architecture Landscape Architecture  
Laboratory Services Computer Services



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

DRAWN BY JMG  
CHECKED BY  
APPROVED BY PAUL K. MALE  
LICENSE NO. P.E. 57,084

TOWN OF BETHLEHEM  
COUNTY OF ALBANY  
DATE MAY 16, 1984  
SCALE: HORIZONTAL 1 inch = 50 feet; VERTICAL 1 inch = 5 feet

PLAN / PROFILE  
DEERFIELD - SECTION I  
STOCKBRIDGE RD. - CROSS-SECTION & DETAILS  
DWG NO. 84-153

Paul K. Male

Sheet 5 of 5  
FEB 11 1985