

NOTES

- 1- Storm sewers, water mains, and underground utilities are shown in 10'-10' relative position or 1/3 for information only. Their exact location shall be checked on the site before construction begins.
- 2- Contractor shall restore lawns, driveways, walks, walks, curbs, fences, etc. to a condition at least as good as they were before being disturbed.
- 3- Box all trees and leave all shrubs and hedges before placing earth against or near them. Shrubs and hedges which must be removed during construction shall be holed 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- Rocks, millboxes, 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.

SOIL EROSION AND SEDIMENT CONTROL MEASURES

GENERAL MEASURES:

1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING AND PROTECTING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
2. INsofar AS PRACTICABLE, EXISTING VEGETATION SHALL BE PRESERVED.
3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE AREA AND DURATION OF SOIL DISRUPTION.
4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "PROTES OF CONVENIENCE" SHALL BE AVOIDED.
5. CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES, AND SHALL NOT OPERATE UNNECESSARILY WITHIN WATERWAYS OR DRAINAGE DITCHES.

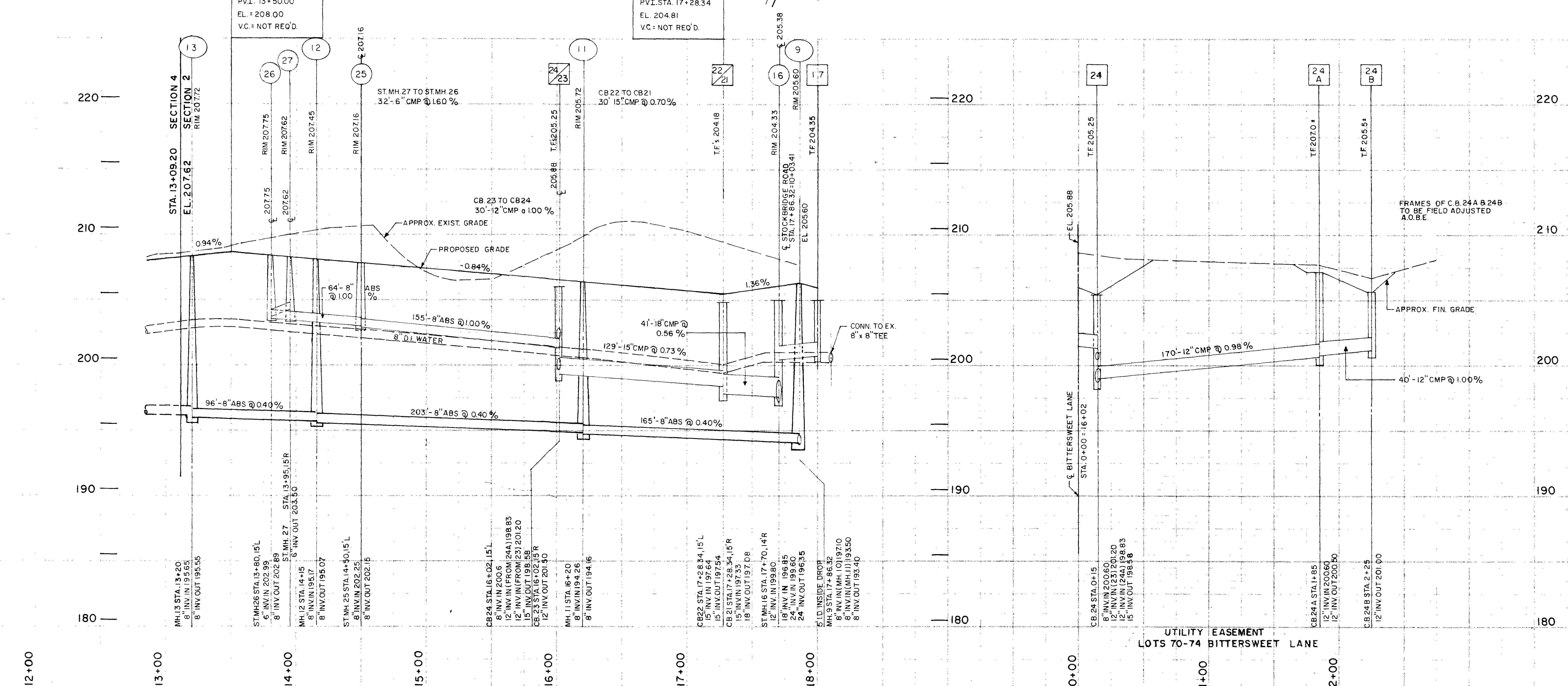
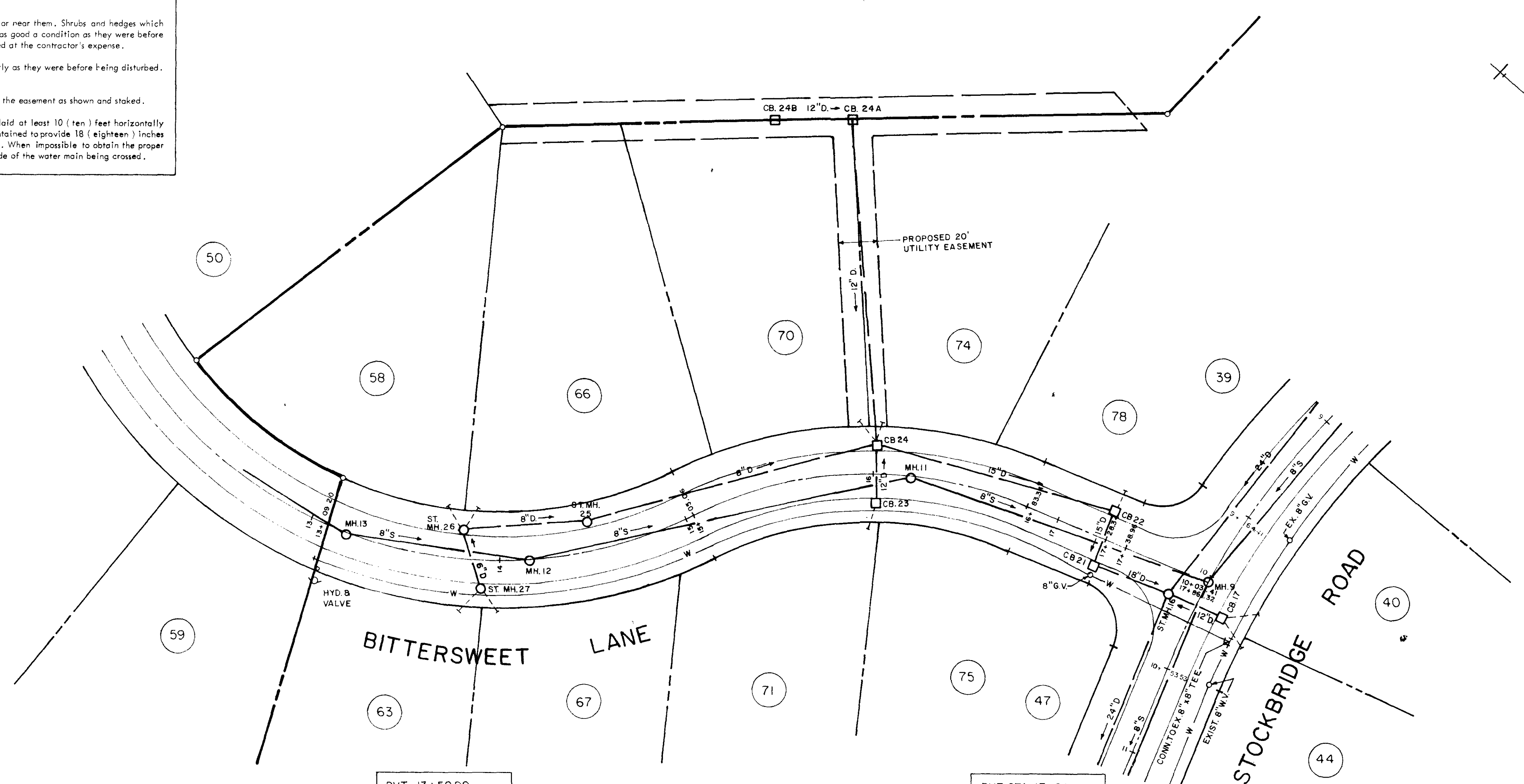
3. **HAY BALE BERMS:** HAY BALE BERMS SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL, TOPSOIL, AND EXCAVATED OVERBURDEN THAT ARE TO REMAIN EXPOSED FOR PERIODS LESS THAN 30 DAYS. HAY BALE BERMS SHALL BE ANCHORED AND MAINTAINED IN GOOD CONDITION UNTIL SUCH TIME AS SAID STOCKPILES ARE REMOVED AND STOCKPILING AREAS ARE BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED.
4. TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILE ON-SITE FOR PERIODS GREATER THAN 30 DAYS SHALL BE STABILIZED BY SEEDING. PRIOR TO THE SEEDING OPERATION, THE STOCKPILED MATERIAL SHALL BE GRADED AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.

PARTICULAR MEASURES:

1. **STORM DRAIN INLET HAY BALE FILTER:** IMMEDIATELY FOLLOWING COMPLETION OF ANY AND ALL OF THE PROPOSED STORM DRAIN INLETS, STORM DRAIN INLET HAY BALE FILTERS SHALL BE CONSTRUCTED. THE HAY BALE FILTERS SHALL FUNCTION TO PREVENT SEDIMENT ENTRANCE TO THE STORM DRAINS. THEY SHALL BE MAINTAINED IN GOOD CONDITION UNTIL FINAL VEGETATIVE COVER IS WELL ESTABLISHED.
2. **DRAINAGE DITCH SEDIMENT FILTERS:** UNTIL SUCH TIME AS FINAL SITE STABILIZATION IS COMPLETED DITCHES WILL RECEIVE TREATMENT WITH AGGREGATE SEDIMENT FILTERS SO AS TO EFFECTIVELY TRAP SEDIMENT AND MINIMIZE ITS RELEASE OFFSITE. AN AGGREGATE FILTER SHALL BE CONSTRUCTED WITHIN EACH DITCH AT ITS DOWNSTREAM TERMINUS. ADDITIONAL FILTERS SHALL BE CONSTRUCTED AS ARE DEEMED NECESSARY BY THE TOWN ENGINEER.

AGGREGATE USED FOR FILTER CONSTRUCTION SHALL CONSIST OF WELL-GRADED STONE RANGING UP TO 1.5 INCHES IN DIAMETER. THE AGGREGATE FILTER SHALL BE PLACED SO AS TO FULLY SPAN THE DITCH CROSS SECTION SUCH THAT ALL FLOW SHALL PASS THROUGH RATHER THAN AROUND OR OVER THE FILTERS. FILTERS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL SUCH TIME AS FINAL STABILIZATION OF THE UPSTREAM AREAS CONTRIBUTING FLOW IS ACHIEVED. THE DEVELOPER SHALL BE RESPONSIBLE FOR REMOVING DRAINAGE DITCH SEDIMENT FILTERS AFTER, IN THE OPINION OF THE ENGINEER, STABILIZATION OF UPSTREAM CONTRIBUTORY AREAS IS ACHIEVED.

DEERFIELD SECTION 4

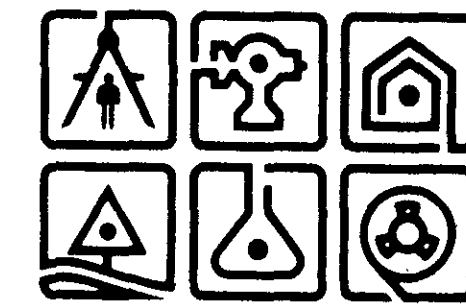


ALBANY COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES.
By _____, the Commissioner of Health, these plans are hereby approved. See first sheet for date and signature.

Paul K. Male

C.T. MALE ASSOCIATES, P.C.

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DATE	RECORD OF WORK	Drawn	Check	Appr.	DATE	RECORD OF WORK	Drawn	Check	Appr.
5-29-86	REVIEW COMMENTS FROM BETHLEHEM D.P.W.	B.C.S.		P.K.M.					
7-7-86	MISC CORRECTIONS FROM BETH. D.P.W.	M.J.G.							

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DRAWN BY M.J.G.	TOWN OF BETHLEHEM
CHECKED BY	COUNTY OF ALBANY
APPROVED BY	DATE AUGUST 19, 1985
PROJECT NO. 85.955	SCALES: HOR. 1 inch = 50 feet; VERT. 1 inch = 5 feet

PLAN / PROFILE
DEERFIELD - SECTION 2
BITTERSWEET LANE STA. 13+00 TO STA. 17+86.32

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C.T. MALE ASSOCIATES, P.C.
FILE NO. 85.345
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