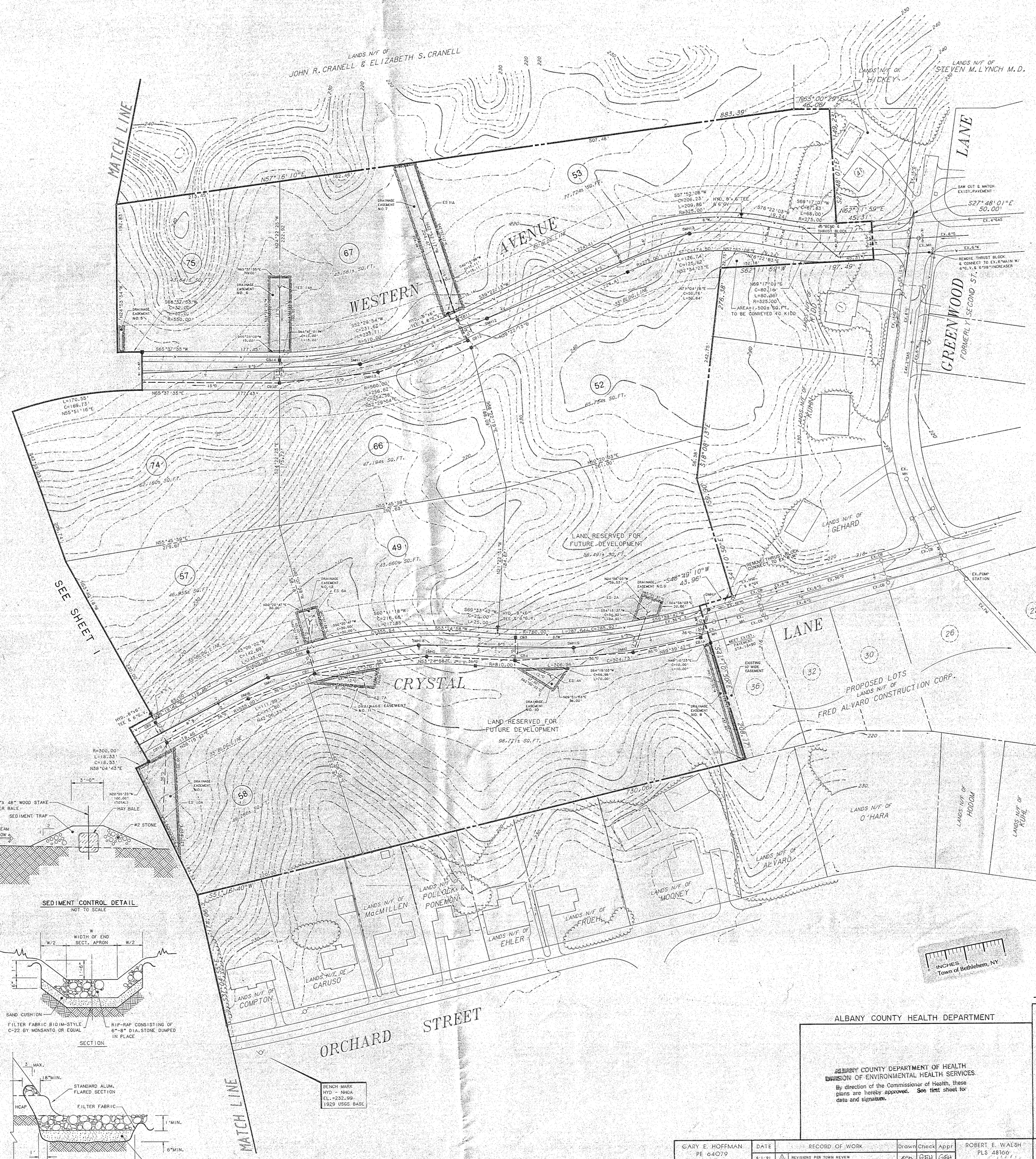
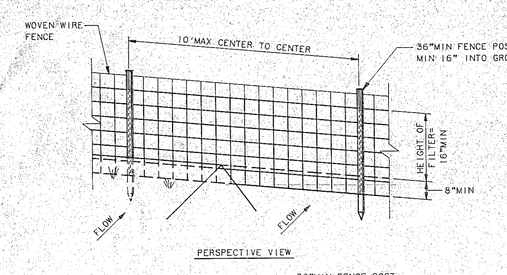
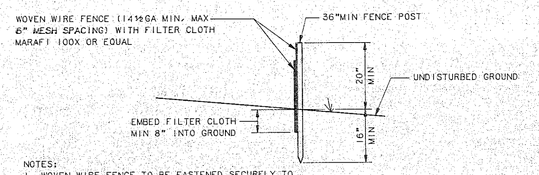
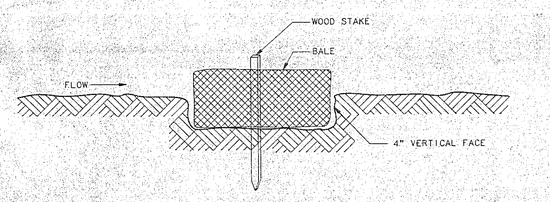




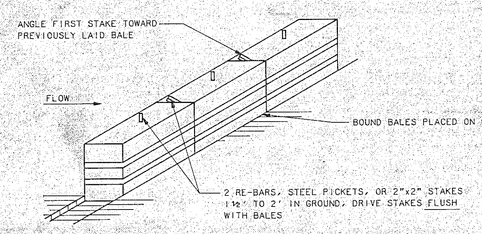


NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

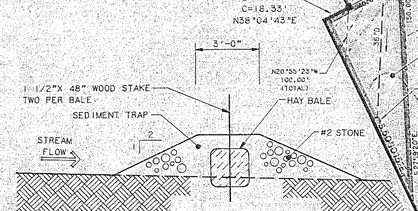
SILT FENCE DETAILS
NOT TO SCALE



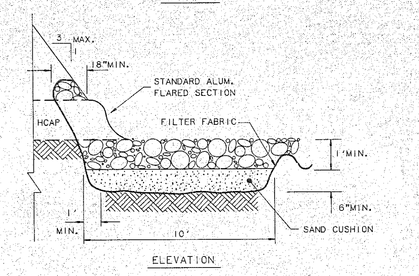
BEDDING DETAIL
NOT TO SCALE



STRAW BALE DIKE DETAILS
NOT TO SCALE



SEDIMENT CONTROL DETAIL
NOT TO SCALE



END SECTION WITH RIPRAP APRON
NOT TO SCALE

SOIL EROSION AND SEDIMENT CONTROL MEASURES

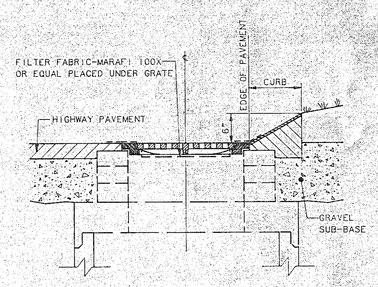
GENERAL MEASURES:

1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
2. INSOFAR AS PRATICABLE, 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 "ROUTES 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.

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 SHALL 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.
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 STOCKPILED 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.
5. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FT OF ANY DITCH, STREAM, OR OTHER SURFACE WATER BODY.
6. PERMANENT VEGETATIVE COVER: IMMEDIATELY FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
7. TRAFFIC CONTROL: CORRIDORS FOR THE ROUTING OF CONSTRUCTION TRAFFIC TO BE PREDETERMINED TO MINIMIZE LAND DISTURBANCE. CONSTRUCTION TRAFFIC SHALL NOT CROSS DITCHES OR STREAMS EXCEPT AT APPROPRIATE SPECIFIC CROSSINGS.
8. ALL HEALTHY TREES OF DESIRABLE SPECIES ARE TO BE PROTECTED FROM DAMAGE. ALL UNNECESSARY REMOVAL OF HEALTHY TREES SHALL BE AVOIDED.



CATCH-BASIN IN ROAD (FOR OFF-ROAD INSTALLATION, ADD STAKED STRAW BALES AROUND PERIMETER OF INLET).

STORM DRAIN INLET FILTERS
NOT TO SCALE

LEGEND

- EXISTING SANITARY SEWER & MANHOLE
- EXISTING STORM SEWER & CATCH BASIN
- EXISTING WATER MAIN, HYDRANT, GATE VALVE & TEE
- PROPOSED SANITARY SEWER & MANHOLE
- PROPOSED STORM SEWER & CATCH BASIN & FOOTING DRAIN
- PROPOSED WATER MAIN, HYDRANT, GATE VALVE & TEE
- INDICATES PROPOSED CONCRETE MONUMENT
- INDICATES HOUSE AND LOT NUMBER
- LIMITS OF UTILITY EASEMENTS TO BE GRANTED TO THE TOWN OF BETHLEHEM

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GARY E. HOFFMAN
PE 64079

ALBANY COUNTY HEALTH DEPARTMENT

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.

TOWN OF BETHLEHEM

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
FINAL PLAT APPROVAL
When signed by the duly authorized officer of the Planning Board, this endorsement constitutes final Approval of this Plat.
Signed Warren C. Barr
Title CHAIRMAN
Date AUG - 6 1991
See also Certificate of Approval of Final Plat No. 134-F

C.T. MALE ASSOCIATES, P.C.
JUL 25 1991
PRINTED AND ISSUED

DATE		RECORD OF WORK	Drawn	Check	Appr
4-1-91	1	REVISIONS PER TOWN REVIEW	KPM	GEH	GEH
7/1/91	2	ADDED HYDRANT, NOTES AND DETAILS	GLD	GEH	GEH
	3				
	4				
	5				
	6				
	7				
	8				

Drafter: LAM | Checker: | Appr. by: | DATE: MARCH 9, 1989

ROBERT E. WALSH
PLS 48166

SUBDIVISION
DEVONSHIRE HILLS

TOWN OF BETHLEHEM | COUNTY OF ALBANY

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727, Latham, NY 12110
(518) 785-0976
Engineering Surveying Architecture Landscape Architecture
Laboratory Services Computer Services

SCALE: 1" = 50' | PROJ. NO.: 88.1743 | SHEET 2 OF 11 | DWG. NO.: 89-1269