

LANDS N/F OF
TOLMAN

LYNDHURST
SUBDIVISION

DEERFIELD
SECTION 2

BITTERSWEET
LANE

FUTURE STREET

SOIL EROSION AND SEDIMENT CONTROL MEASURES

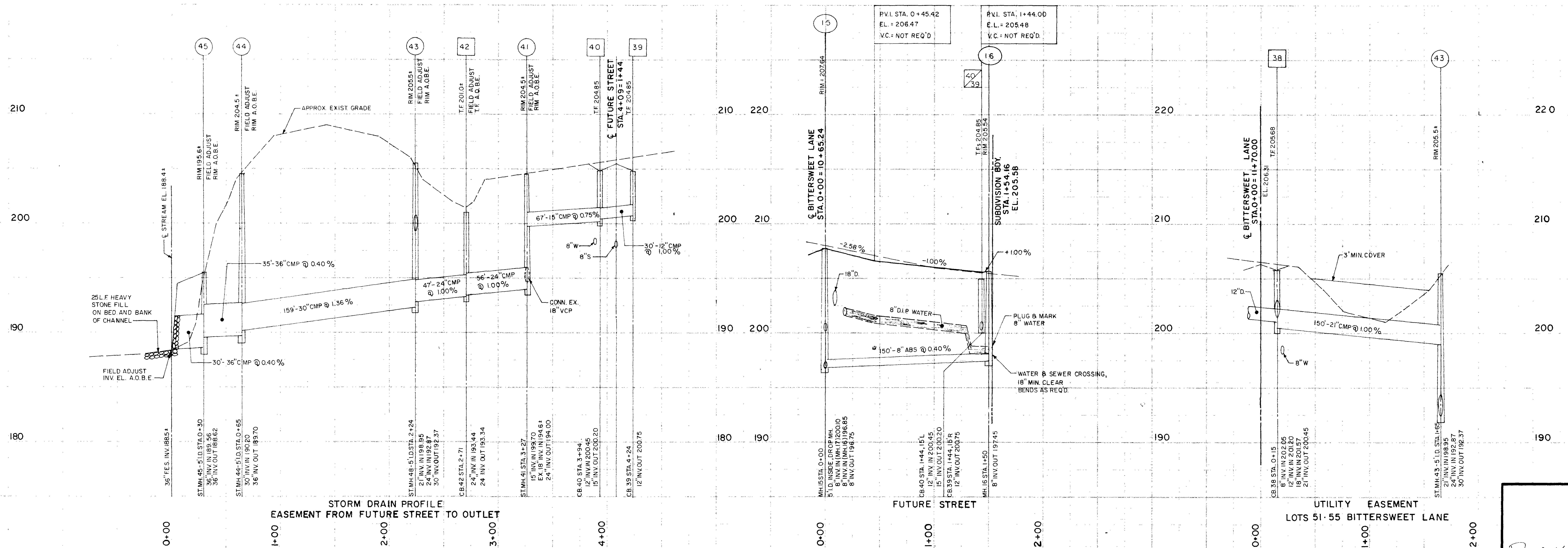
GENERAL MEASURES:

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. IN SO FAR 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 "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.
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.
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 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.

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.

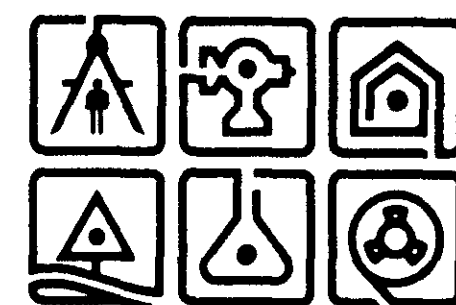


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DATE	RECORD OF WORK	Drawn	Check	Appr.	DATE	RECORD OF WORK	Drawn	Check	Appr.
6/9/86	REVIEW COMMENTS FROM BETH D.P.W.	N/J							
7/7/86	MISC. CORRECTIONS FROM BETH D.P.W.	N/J							

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DRAWN BY	M.J.G.	TOWN OF BETHLEHEM
CHECKED BY		COUNTY OF ALBANY, NY
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 4
FUTURE STREET & UTILITY EASEMENTS

Paul K. Male

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