

REVISIONS		
NO.	DATE	DESCRIPTION
1	4/17/89	
2	12/19/89	STORM SEWER STRUCTURES REVISED
3	1/30/90	SA LOWERED IN SECTION 3
4	2/26/90	REVISED RIMS AND INVS
5	3/8/90	FINAL REVISIONS SECTION THREE
6	11/8/91	PER TOWN ENG. DEPT.
7	5/21/92	PER TOWN ENG. DEPT.
8	10/5/92	MISC. REVISION PER TOWN ENG. DEPT.
9	11/3/92	BURIED STUMP NOTE ADDED
10	1/20/93	PER TOWN ENG. DEPT.
11	03/17/93	PER TOWN ENG. DEPT.
12	07/08/93	NOTE # 9, LIMIT OF DEBRIS
13	07/08/93	RECORD PLAN (TO DATE)
14	01/17/97	RECORD PLAN (TO DATE)
15	03/30/98	RECORD PLAN (TO DATE) DOMENICO L.A.

- NOTES**
- BENCHMARK: TOP OF NUT AT POINT OF ARROW ON HYDRANT AT INTERSECTION OF FEURA BUSH ROAD AND MURRAY DRIVE EL. 165.28 USGS DATUM (town of Beth. bn. 171)
 - CONTOUR INTERVAL 2 FEET
 - PROPOSED FINISHED GRADE SHOWN THUS: 173.00
 - ALL STREET CROSSINGS 30.00' - 12" CMP ON 100% GRADE UNLESS OTHERWISE SHOWN
 - LOCATION AND ELEVATION OF STORM SEWER INLET AND/OR OUTLET LINE OR LINES TO BE APPROVED IN FIELD BY THE TOWN ENGINEERS BEFORE CONSTRUCTION
 - SEE STREET AND EASEMENT PROFILES, GENERAL NOTES AND "TOWN OF BETHLEHEM - STORM DRAINAGE AND HIGHWAY DETAILS, WATER DISTRIBUTION DETAILS, AND SANITARY SEWER DETAILS" FOR COMPLETE DESIGN.
 - CONSTRUCTION ON LOTS USING AREAS IN EXCESS OF 10% GRADE SHALL REQUIRE A SOILS REPORT WITH APPLICATION FOR A BUILDING PERMIT
 - DESIRABLE AND HEALTHY TREES TO BE PRESERVED ALONG PERIMETER AND WITHIN SITE WHERE POSSIBLE.
 - MURRAY DRIVE IS NOT TO BE USED FOR CONSTRUCTION TRAFFIC

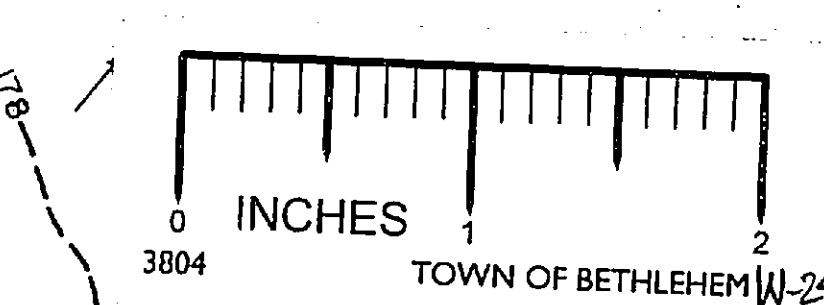
SOIL EROSION AND SEDIMENT CONTROL MEASURES: NOTES

- GENERAL MEASURES:**
- DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
 - INsofar AS PRACTICABLE, EXISTING VEGETATION SHALL BE PRESERVED.
 - SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE AREA AND DURATION OF SOIL DISRUPTION.
 - PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVEYANCE" SHALL BE ADVISED.
 - 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:**
- STORM DRAIN INLET MAY HAVE FILTERS: IMMEDIATELY FOLLOWING COMPLETION OF ANY AND ALL OF THE PROPOSED STORM DRAIN INLETS, STORM DRAIN INLET MAY HAVE FILTERS SHALL BE CONSTRUCTED. THE MAY HAVE FILTERS SHALL FUNCTION TO PREVENT SEDIMENT ENTRANCE TO THE STORM DRAIN. THEY SHALL BE MAINTAINED IN GOOD CONDITION UNTIL FINAL VEGETATIVE COVER IS WELL ESTABLISHED.
 - 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 BATTER PILES AROUND OR OVER THE FILTERS. FILTERS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND 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.
 - DAY BALE BERM: DAY BALE BERMS SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL, TOPSOIL, AND EXCAVATED OVERBOROEN THAT ARE TO REMAIN EXPOSED FOR PERIODS LESS THAN 30 DAYS. DAY 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.
 - 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 PREPARED TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.
 - IN NO CASE SHALL ERODIBLE MATERIAL BE STOCKPILED WITHIN 25 FT OF ANY DITCH, STREAM, OR OTHER SURFACE WATER BODY.
 - 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.
 - 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.
 - ALL HEALTHY TREES OF DESIRABLE SPECIES ARE TO BE PROTECTED FROM DAMAGE. ALL UNNECESSARY REMOVAL OF HEALTHY TREES SHALL BE AVOIDED.



NOTES: APPROX. LIMIT OF BURIED STUMPS AND DEBRIS. NO CONSTRUCTION SHALL BE ALLOWED IN THIS AREA PRIOR TO A SOILS ENGINEER REPORT.

LANDS OF CRISAFULLI



RECORD PLAN

DRAINAGE PLAN
"WOODHILL"
SECTION NO. 3-4
PROPERTY OF

VINCENT RIEMMA
TOWN OF BETHLEHEM

TOWN: BETHLEHEM COUNTY: ALBANY
STATE: NEW YORK DATE: 3/7/89
SCALE: 1" = 50' REVISION: 15

Map Prepared by
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Civil Engineers & Surveyors
A DIVISION OF J. KEENEY FRISER AND ASSOCIATES, P.E., L.L.C.
DELMAR, N.Y.

SHEET NO. FILE NO.

