

"I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary." Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Frederick B. Abeles
Signature of Developer
Date: 12/20/72

"I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Leon A. Todolaj
Signature of Engineer
Date: Dec 18, 72

Reviewed for Howard Soil Conservation District and meets Technical Requirements.

Charles E. Kull Jr.
Signature
U.S. Soil Conservation Service

6/21/73
Date

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

Approved: Richard Zieher
Howard S.C.D.
Date: 6/22/73

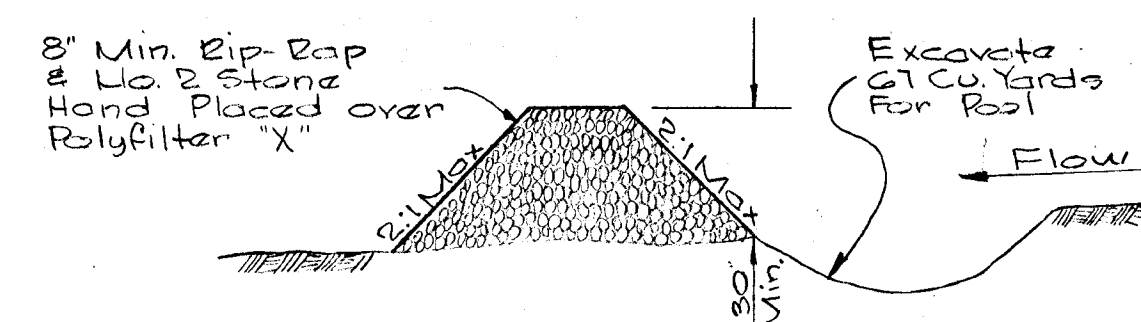
SCHEDULE OF WORK:

- 1.) Construct and stabilize diversion berms and stone filters.
- 2.) Grade road area.
- 3.) Install storm drainage structures and temporarily cap inlets.
- 4.) Pave road.
- 5.) Stabilize disturbed areas.
- 6.) Remove sediment control measures upon approval of Howard Soil Conservation District.

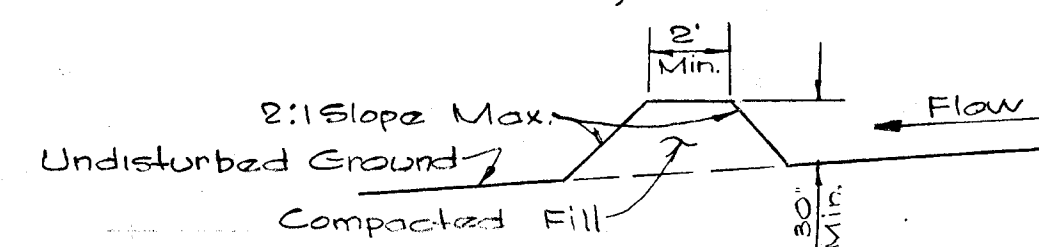
NOTES:

- 1.) Structural measures, such as berms, dikes, traps, basins, etc. will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site.
- 2.) All structural sediment control measures are to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District, phone 465-3180 or 465-5000, ext. 328.
- 3.) Notify the Howard Soil Conservation District at least 24 hours before starting any work. Phone 465-3180 or 465-5000, ext. 328.
- 4.) On-site inspection and maintenance of all sediment control measures, including clean out of sediment traps and berms, and proper establishment of all planned vegetative measures will be the responsibility of the Developer or his representative on the site, on a continuing, day to day basis.
- 5.) Protect all topsoil stockpiles with 2' high temporary berm around base of stockpile with minimum 25' long stone overflow berm at low point. Clean area back of berm as required to maintain an area for storage of sediment.
- 6.) All stockpiles that are to be undisturbed for 3 weeks or longer, shall, immediately after piling, be fertilized, limed and seeded with annual rye grass at rate of 1#/1000 S.F.
- 7.) All storm drainage inlets are to be temporarily capped to prevent entry of sediment-carrying runoff water until vegetative measures and/or paving is established as planned.
- 8.) All fill material shall be free of decomposable material.
- 9.) Sediment trapped behind stone filters shall be removed when sediment reaches depth of 1.0 foot or upon direction of Howard Soil Conservation District.
- 10.) Total area of plat = 3.4 acres ±.
- 11.) Disturbed Area = 1.5 acres ±.

SECTION THRU STONE FILTER
(No Scale)



CROSS SECTION OF TYPICAL DIVERSION BERM
(No Scale)

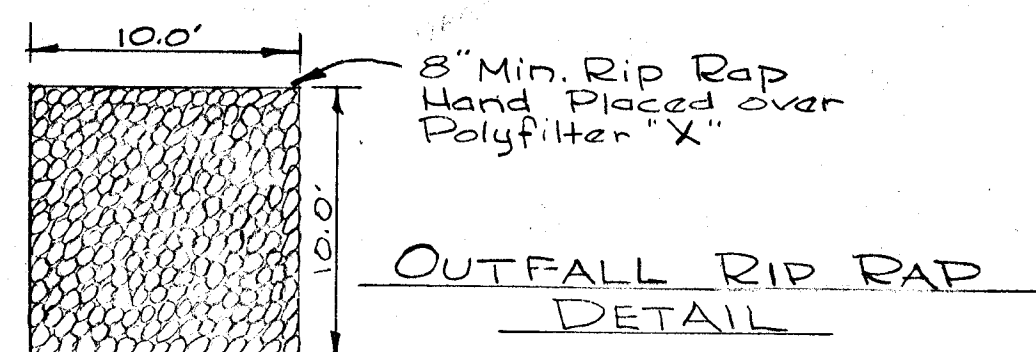
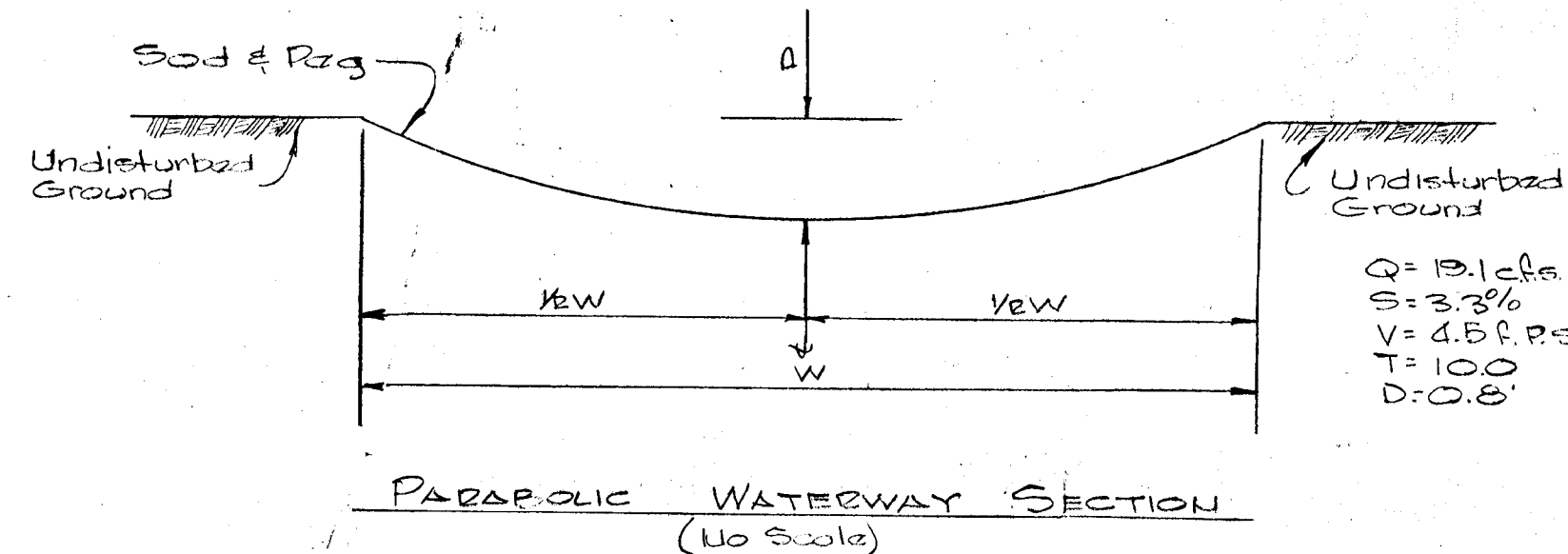


Seeding Specifications for Disturbed Areas:

- 1.) Lime: Ground Limestone @ 2 tons per acre.
- 2.) Fertilizer: Triple superphosphate @ 400 lbs. per acre and 10-10-10 fertilizer @ 1000 lbs. per acre.
- 3.) Seed: Kentucky tall fescue (KY-31) @ 60 - 70 lbs. per acre and white clover @ 2 lbs. per acre or Korean lespedeza @ 8 lbs. per acre.

ADDITIONAL NOTES:

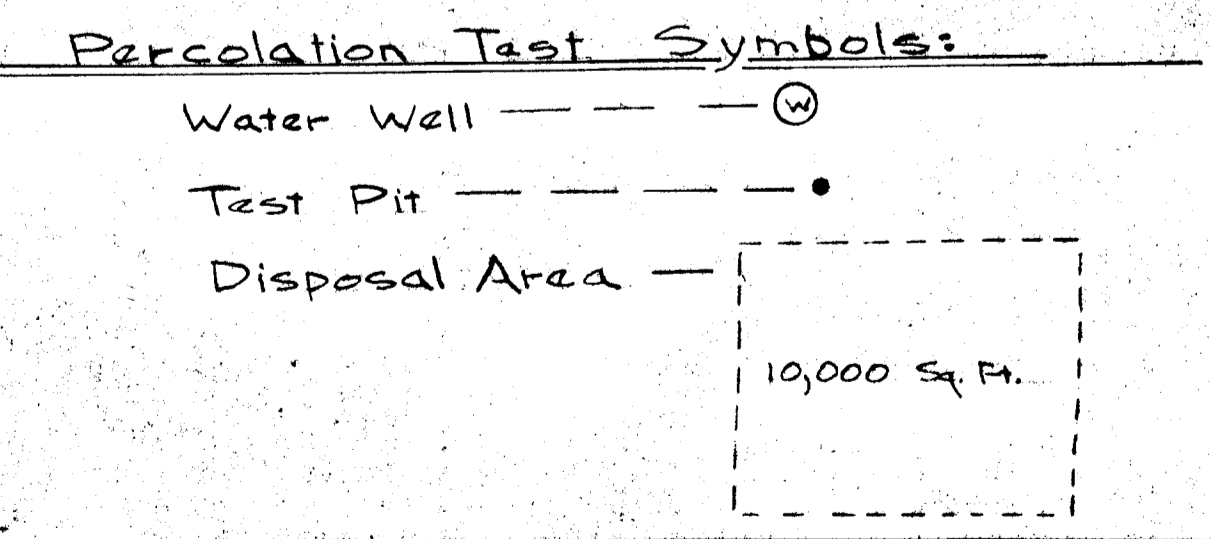
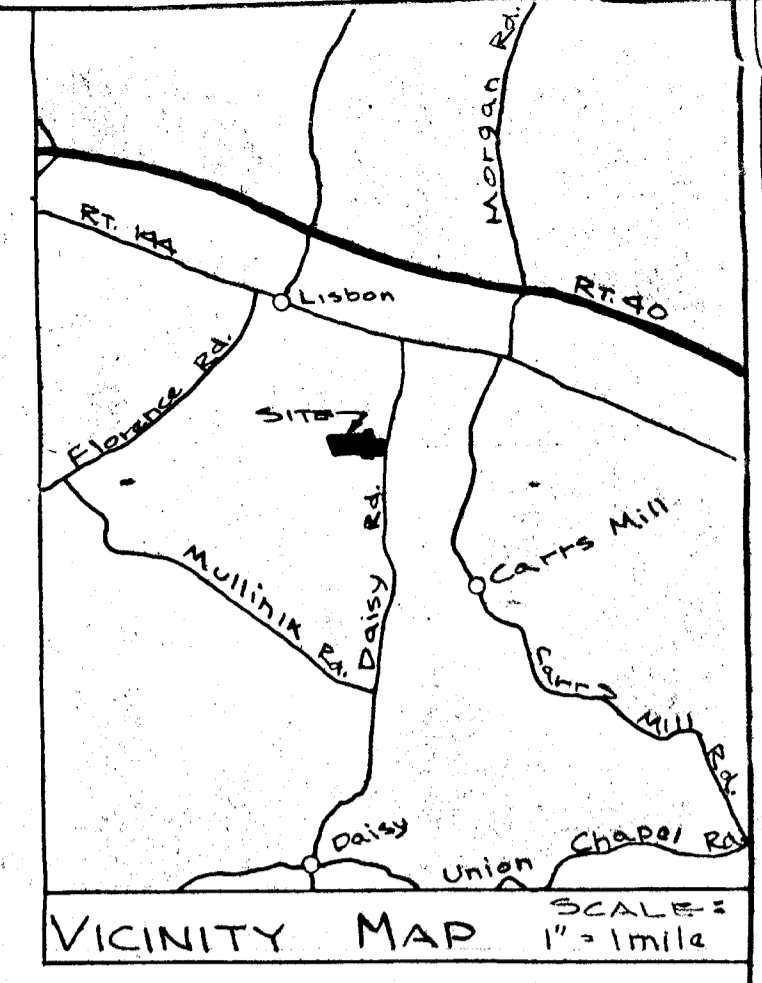
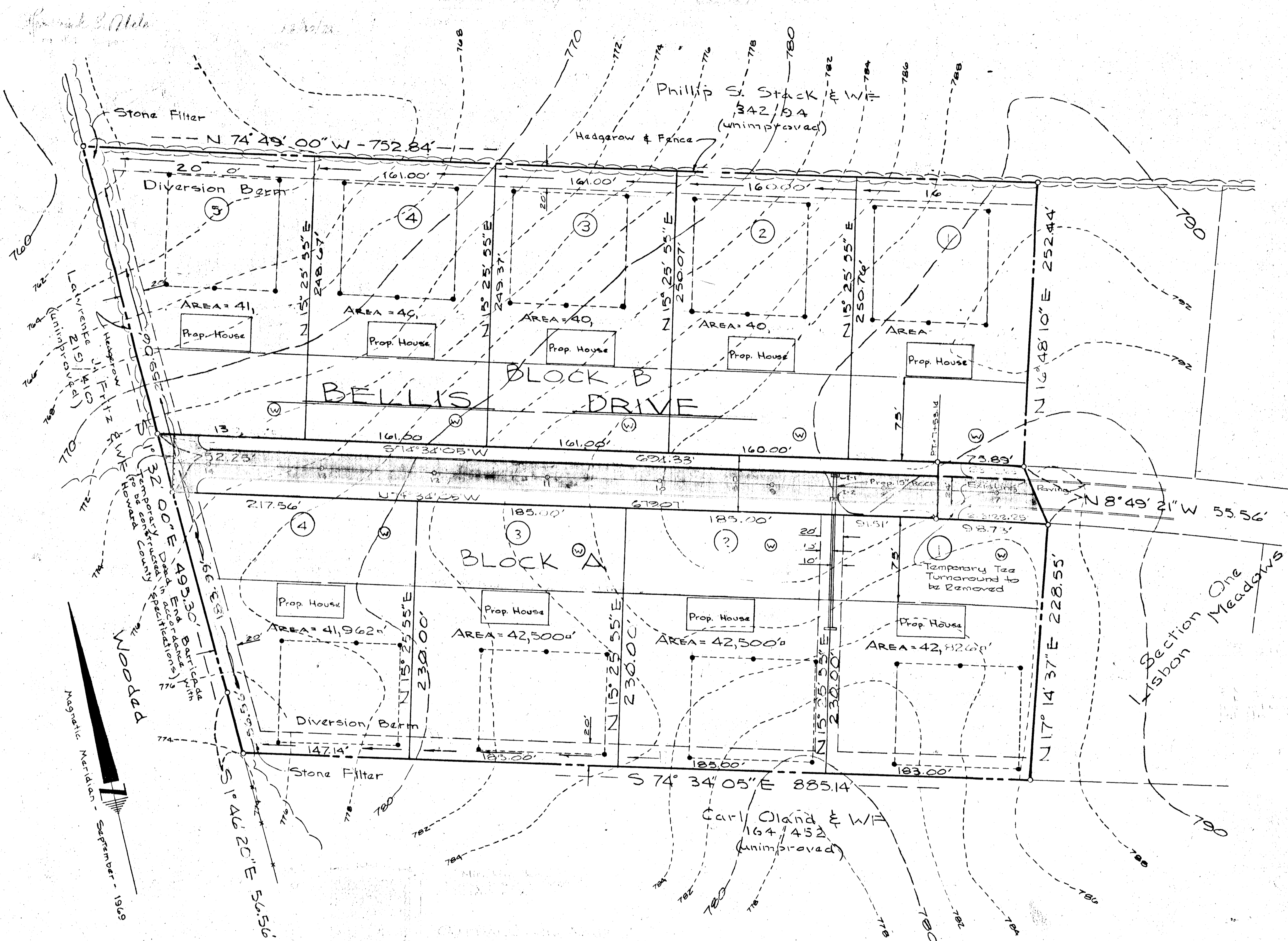
1. Sediment Control measures are to remain in effect throughout the duration of all construction, from roads thru construction of the last house and stabilization of all lots.
2. Excess topsoil to be used to construct earth dikes in lieu of stockpiling.



SEDIMENT CONTROL PLAN



Leon A. Todolaj



PERCOLATION DATA			
Lot No.	Block No.	Average Percolation time in min. per second inch	Maximum depth permitted for effluent pipe to enter sewage disposal area at the high est. elevation with reference to existing grade at time of percolation test
1	A	16.0	6'-0"
2	"	11.0	5'-0"
3	"	7.0	3'-0"
4	"	7.0	3'-0"
12	B	7.0	4'-0"
11	"	2.0	4'-0"
10	"	6.0	4'-0"
9	"	5.0	3'-0"
8	"	11.0	5'-0"

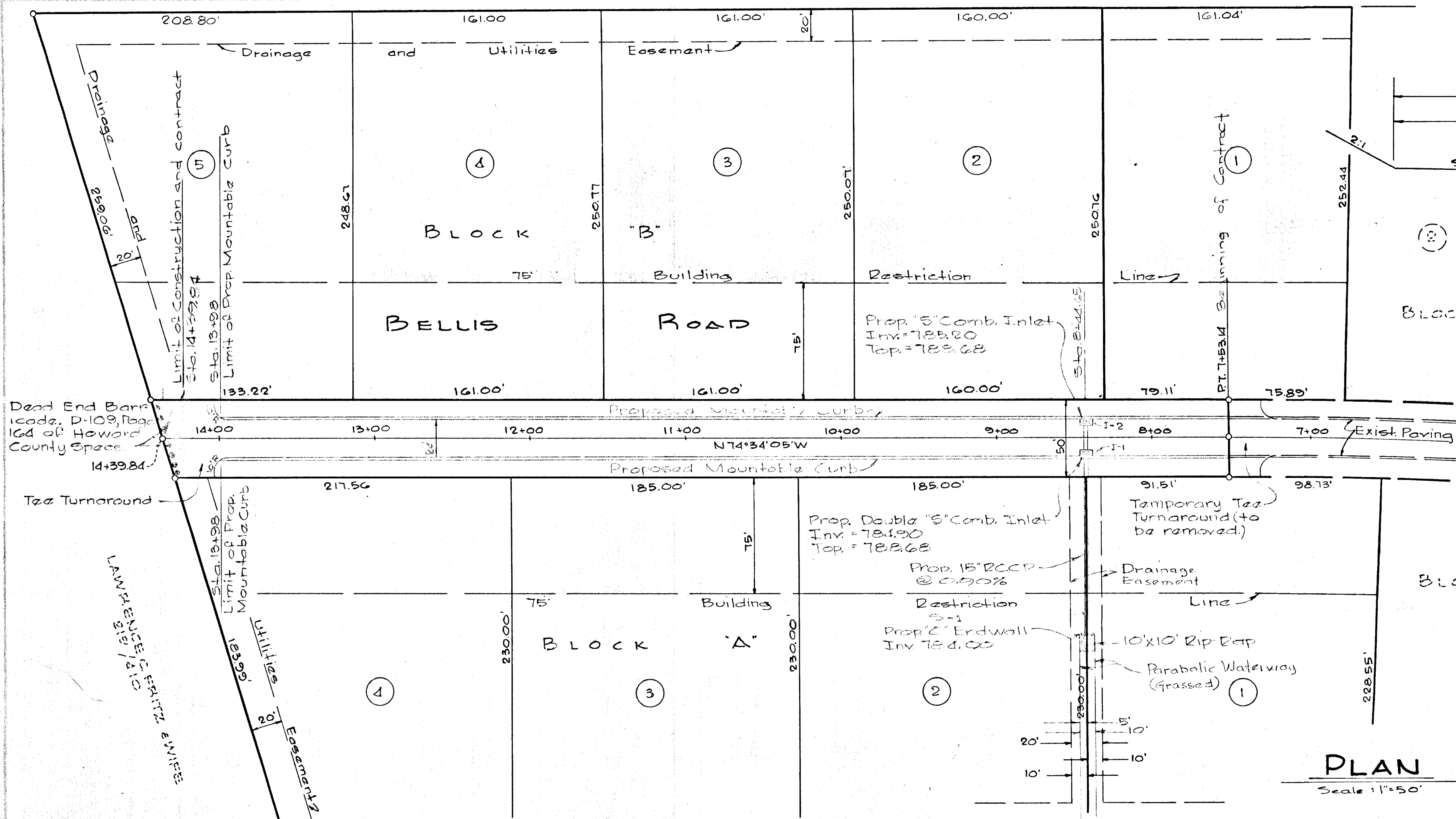
Approved by Howard County Health Department for individual wells and sewage systems.

OF
SECTION TWO
OF
" LISBON MEADOWS "
ON DAISY ROAD NEAR LISBON
4TH ELECTION DISTRICT, HOWARD, CO., MD.
FOR
FREDERICK B. & ANN L. ABELES
2104 RUNNY COURT, CLOVER HILLS
FREDERICK, MARYLAND 21701

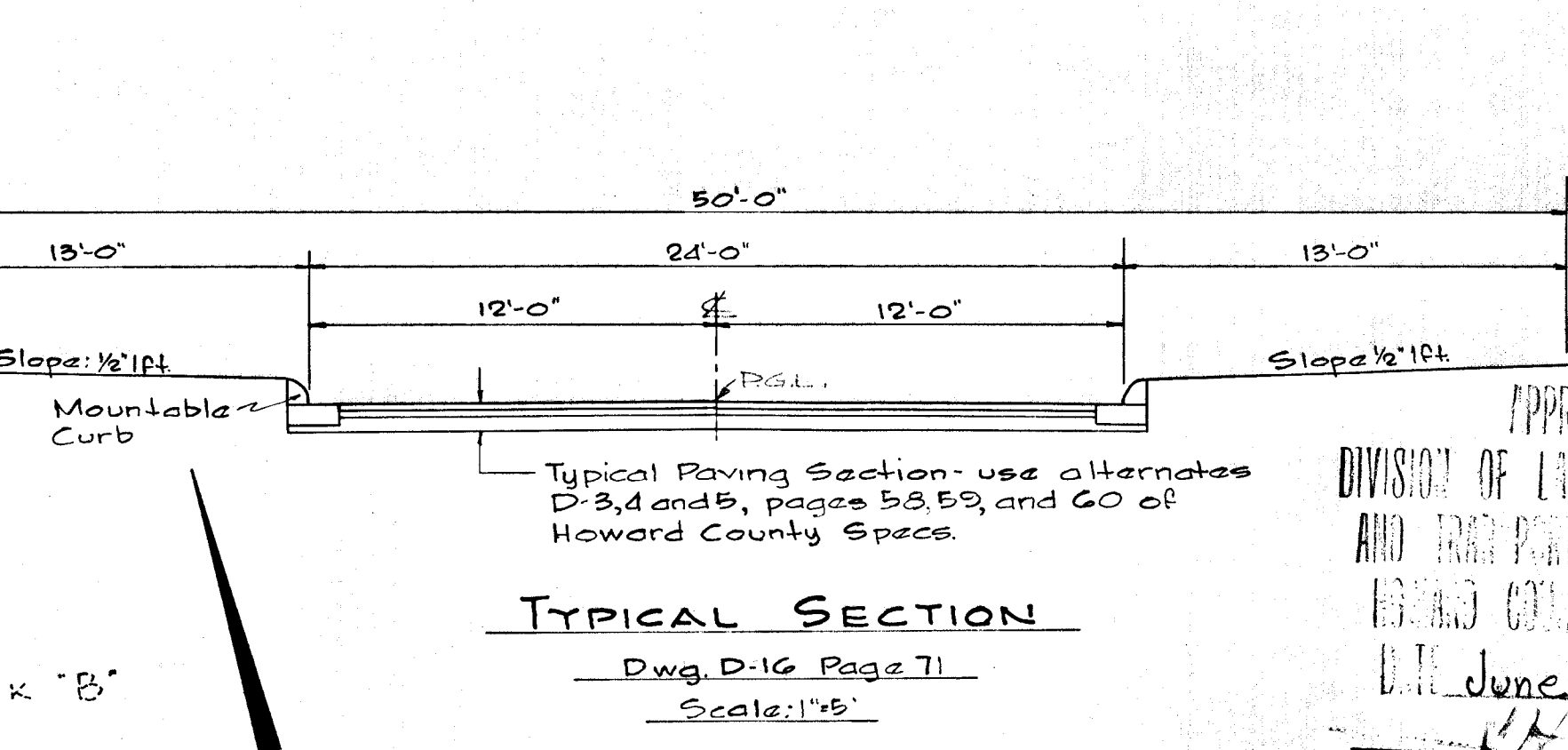
LEON A. PODOLAK AND ASSOCIATES

SURVEYING AND CIVIL ENGINEERING
63 EAST MAIN ST. WESTMINSTER, MD. 21157-848-2229
(P.O. BOX 266) 876-1226

Date 12-18-72 Scale: 1" = 50' Drawing No. 571



PLAN
Scale: 1"=50'

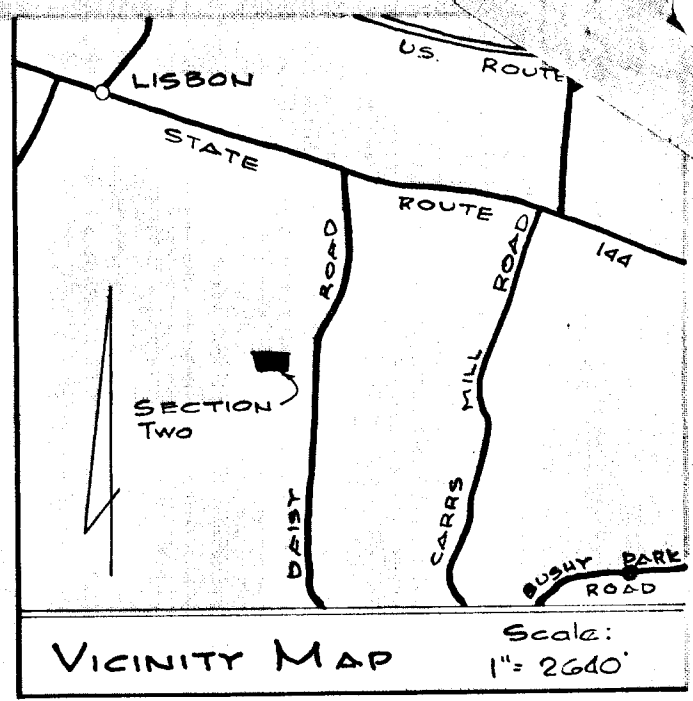


TYPICAL SECTION
Dwg. D-16 Page 11
Scale: 1"=5'

- Note:**
1. Base will be primed in accordance with section C-30-3 as provided in the Howard County Road Construction Code and Standard Specifications.
 2. Tack coat is required in accordance with Section C-31-4 of the Howard County Road Construction Code and Standard Specification.
 3. For seeding specification, see Sediment Control Plat of Section Two of "Lisbon Meadows" dated 12-18-72.
 4. All construction and materials will be in accordance with Howard County Road Construction Code and Standard Specifications.

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE June 19, 1973
1973

ROAD PLAN AND PROFILE
BELLIS DRIVE
"LISBON MEADOWS"
4th Election District, Howard County Maryland
FOR
FRED B. & ANN L. ABLES
OWNER AND DEVELOPER
2104 Runny Court, Clover Hills, Frederick, Md. 21701



DEPARTMENT OF PUBLIC WORKS
G. N. Ireland 6/28/73
Chief, Bureau of Highways Date

OFFICE OF PLANNING AND ZONING
J. H. Clawson 6/20/73
Chief, Division of Land Development and Transportation Planning Date

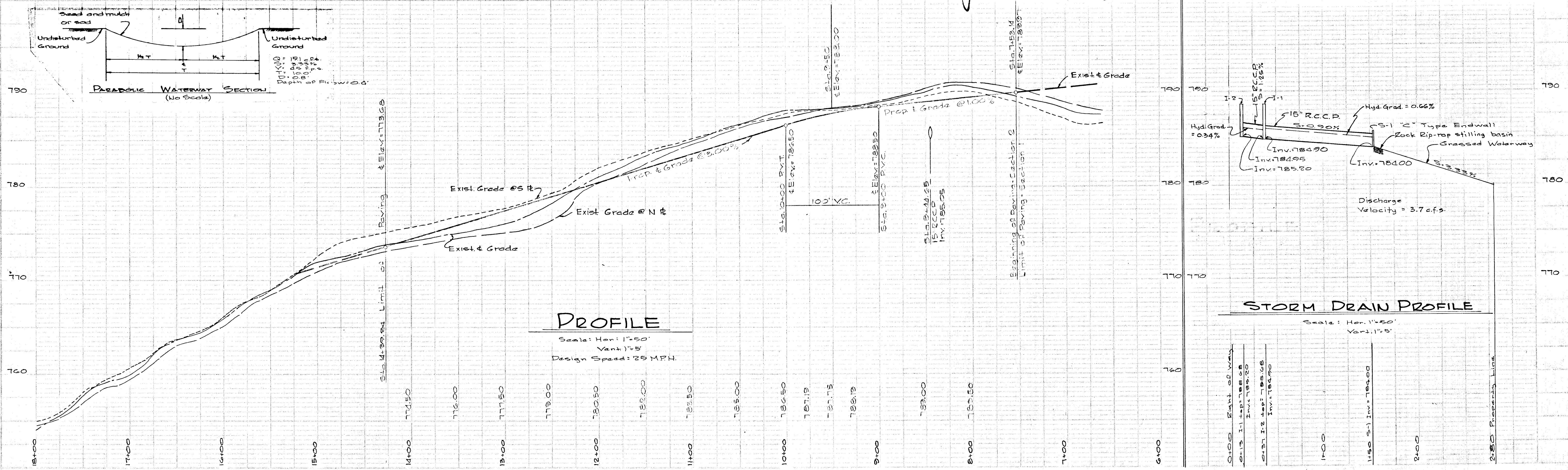
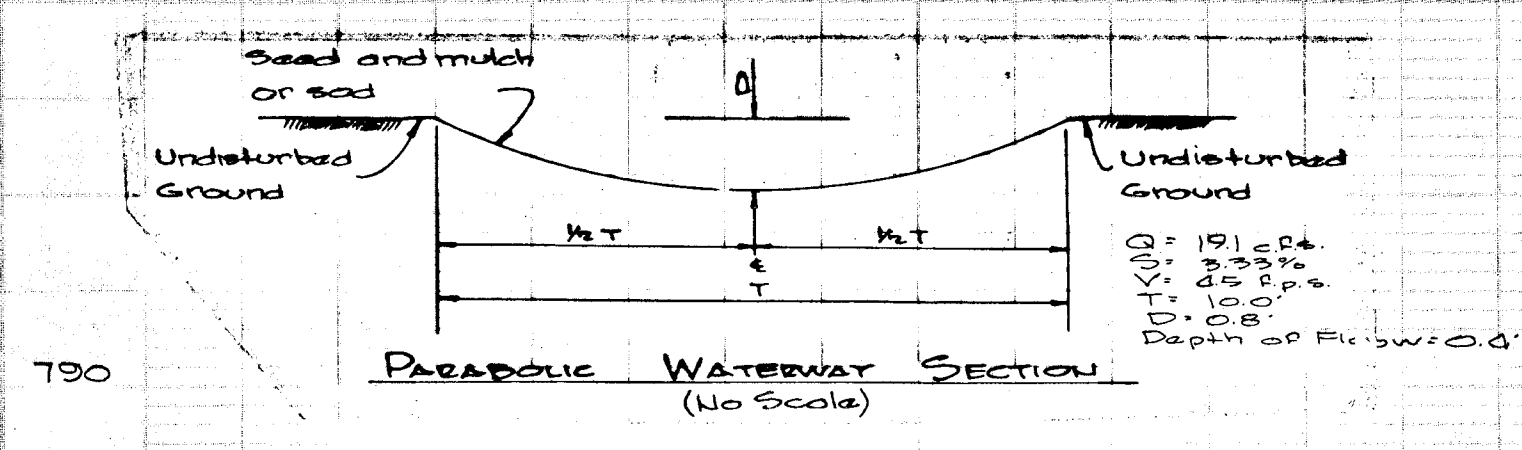
LEON A. PODOLAK AND ASSOCIATES

SURVEYING AND CIVIL ENGINEERING
63 EAST MAIN ST. WESTMINSTER, MD. 21157 848-2229
(P.O. BOX 268) 876-1226

Leon A. Podolak

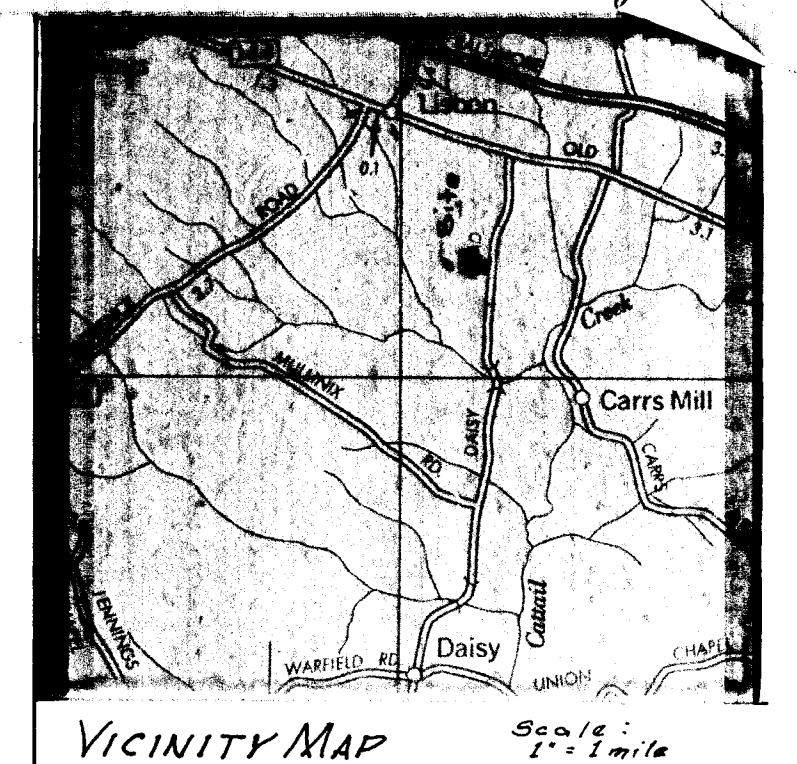
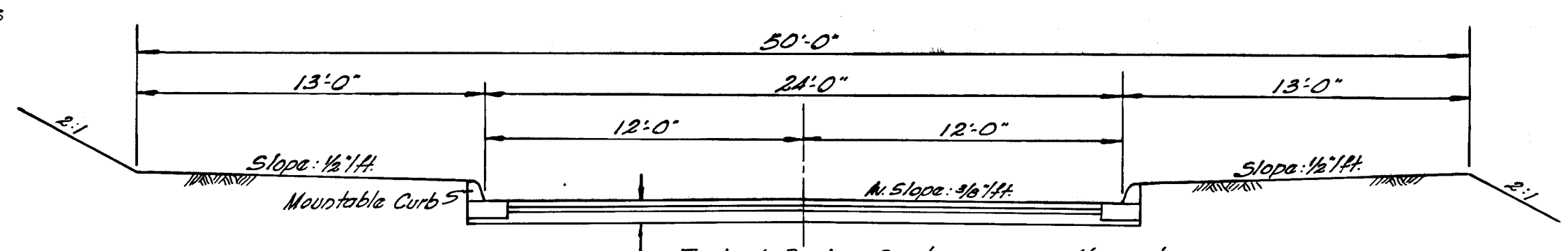
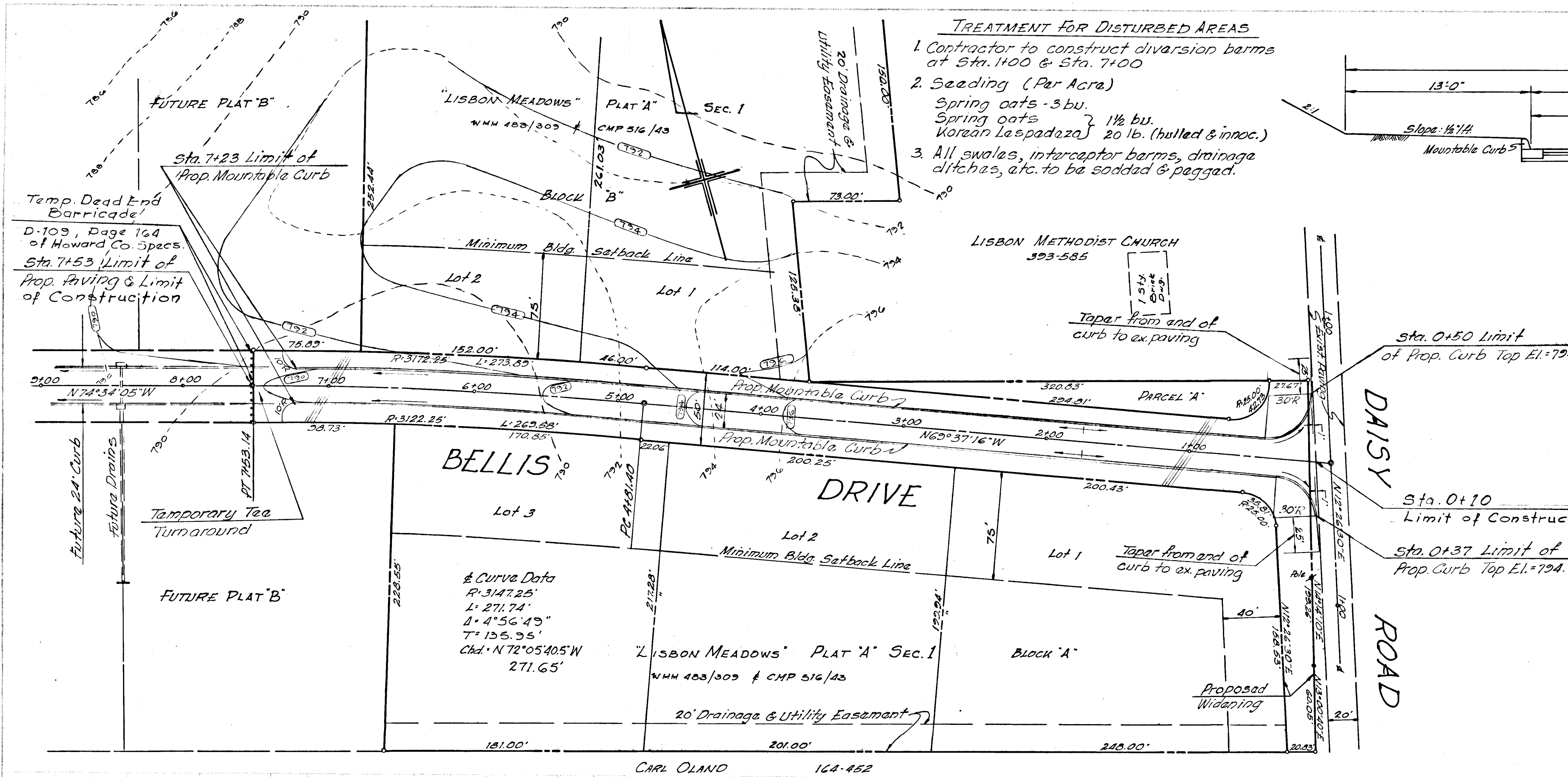
Date: 6-22-73 Scale: As Shown Drawing No. 455

Date	Revision



PROFILE
Scale: Hor: 1"=50'
Vert: 1"=5'
Design Speed: 25 M.P.H.

STORM DRAIN PROFILE
Scale: Hor: 1"=50'
Vert: 1"=5'



ROAD PLAN AND PROFILE
BELLIS DRIVE
PLAT "A" SECTION 1
LISBON MEADOWS
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FRED. B. & ANN L. ABELES
OWNER & DEVELOPER
RTE. 1, WOODBINE, MARYLAND 21797

DEPARTMENT OF PUBLIC WORKS
Granville M. Melend 3/19/70
CHIEF, BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING
J. H. Dawson 3-16-70
CHIEF ENGINEER, DIVISION OF LAND DEVELOPMENT DATE

LEON A. PODOLAK AND ASSOCIATES
Surveying and Civil Engineering
2120 Westfield Ave., Baltimore, Md. 21214 - 254-2220
63 E. Main Street, Westminster, Md. 21157 - 848-2220
Leon A. Podolak
Date: 3/14/70 Scale: 1"=100'

