

**DEVELOPER'S CERTIFICATE**

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.

*Carl C. Hall* *Jerald P. Hall* 4/12/74  
Date

**ENGINEER'S CERTIFICATE**

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.

*Lulla G. Hendry* 4/12/74  
Signature of Engineer Date

Reviewed for Howard County Soil Conservation District and meets technical requirements.

*James M. Wilson* 7/31/74  
S.S. Soil Conservation Service Date

This development plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

*Robert W. Ziehm* 7/3/74  
District Coordinator Date  
Howard Soil Conservation District

**GENERAL NOTES**

- All construction shown hereon shall be in accordance with the Howard County Road Construction Code and Standard Specifications dated November 27, 1962 and revised August, 1968.
- Reference to page and drawing numbers shown hereon are referred to the above mentioned Road Construction Code and Standard Specifications.
- Design Speed - 30 mph.

Structure Schedule

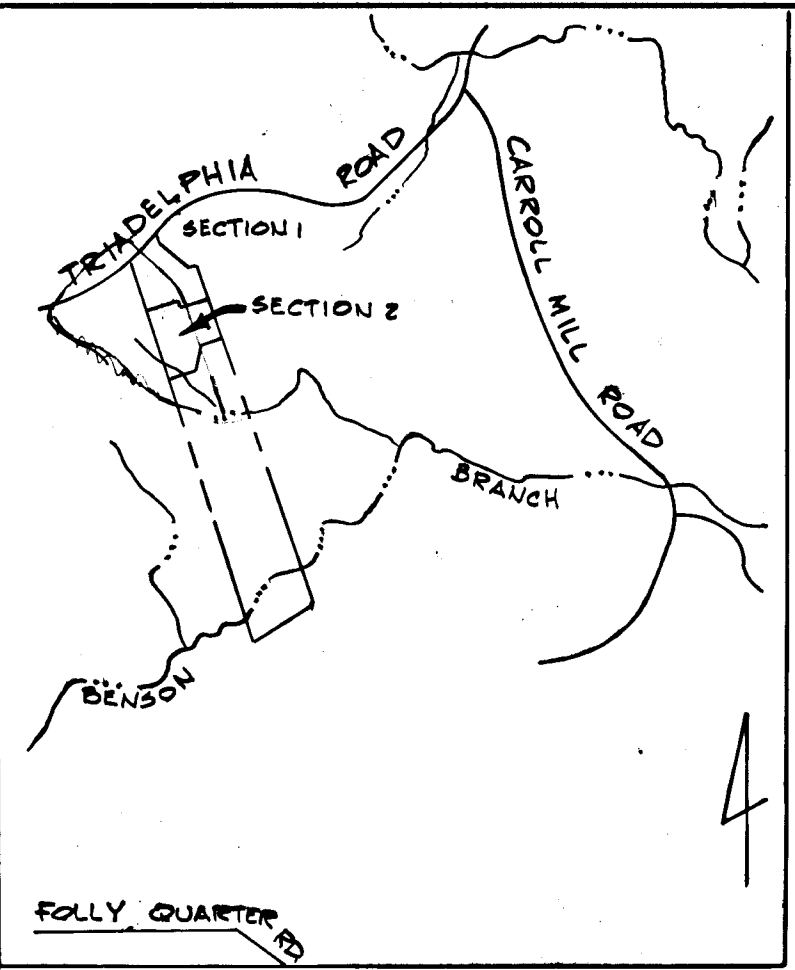
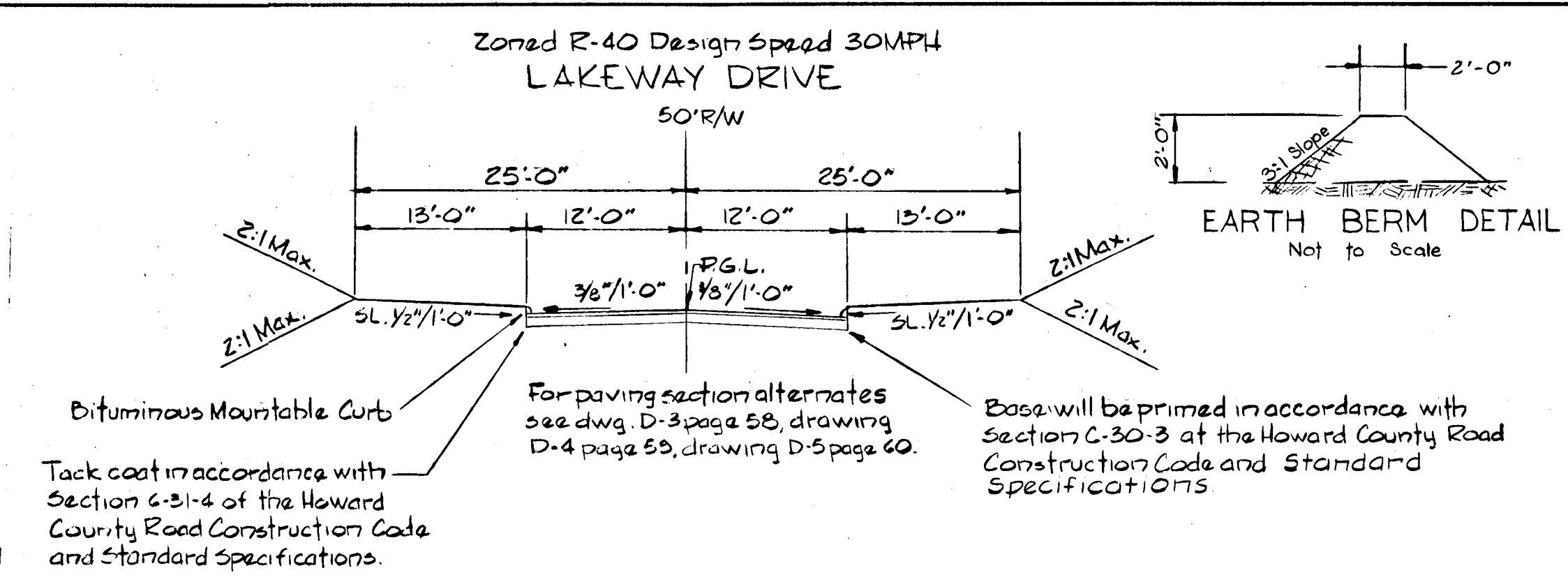
Structure	Type	Inv. In	Inv. out	Top Elev.	Std. Detail
1-1	Db'l. SComb	408.07	407.57	411.27	SDD 47
1-2	Db'l. SComb	408.21	411.27	411.27	SDD 47
S-1	Headwall		407.11	410.11	SDD 21

**SEDIMENT CONTROL NOTES**

- The developer shall notify the Howard County Soil Conservation District at least 24 hours prior to beginning any construction shown hereon (465-3180).
- Berms, sediment traps, etc., to be constructed prior to any onsite grading or disturbance to any existing surface material, and are to be stabilized as soon after construction as possible.
- All sediment control structures to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District. (465-3180 or 465-5000 Ext. 291).
- All graded areas not to be sodded shall be stabilized by seeding and mulching in accordance with the following:
  - Site preparation:
    - Harrow or disc in areas proposed to be seeded the following materials at the specified rate, to a depth of 3":
      - Pulverized limestone at 1 1/2 tons/acre.
      - Commercial fertilizer 5-10-10 at 3-4 tons/acre.
      - Super phosphate at 600 lbs/acre.
  - Seeding:
    - Sow the following seed mixture at the rate of 200 lbs/acre.
      - 20% Annual Rye Grass
      - 80% Kentucky 31 Fescue
    - The seeded area shall then be raked with a York Rake (minimum of 2 passes), covered and compacted with Cultipacker or other method.
  - Mulching:
    - Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1 1/2 to 2 tons/acre.
    - Tie mulch down with liquid asphalt at 0.1 gal/s.y. or emulsified asphalt at 0.04 gal/s.y.

**SEDIMENT CONTROL CONSTRUCTION SEQUENCE**

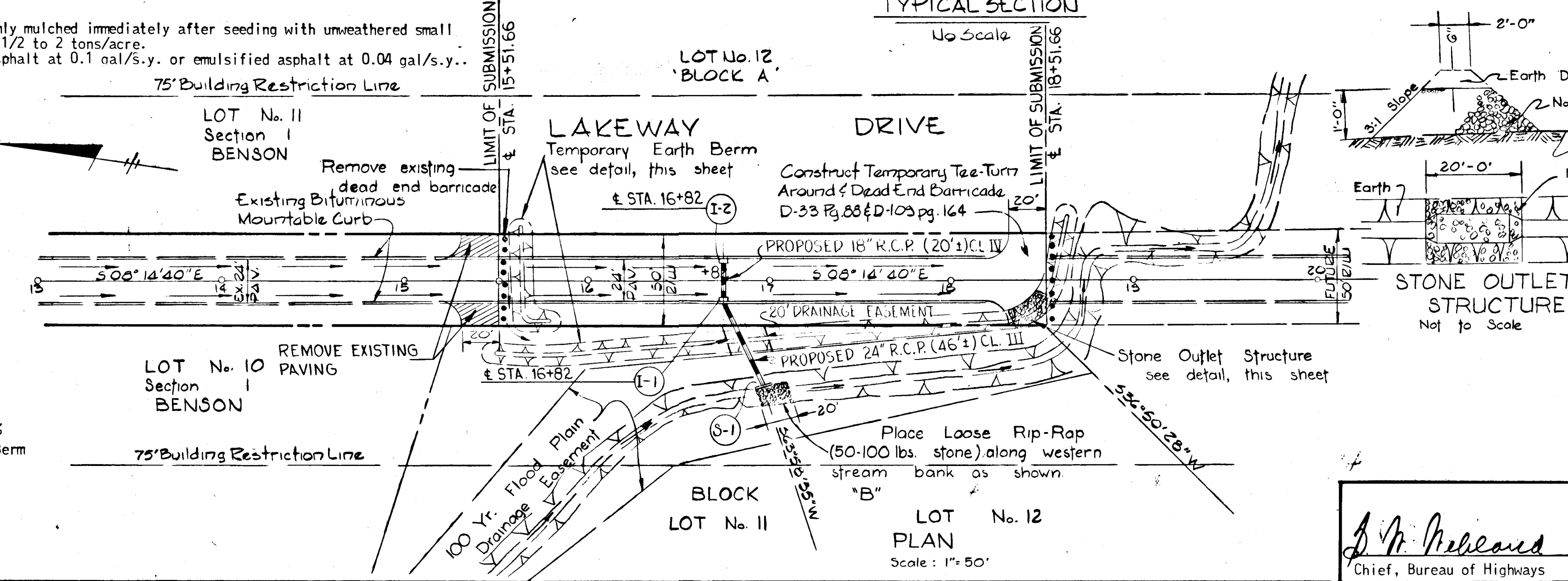
- Construct Earth Berm and Stone Outlet Structure along west side Lakeway Drive, seed and mulch.
- Clear and grade area for road construction.
- Construct Storm Drain System.
- Place roadway pavement materials.
- Stabilize graded areas in accordance with Item 4, "Sediment Control Notes".
- Upon germination of seed over 90% of area, remove Sediment Control Berm and Stone Outlet Structure and stabilize disturbed areas.



DESIGNED BY: J.A.M.  
DRAFTED BY: R.A.Z.  
CHECKED BY: B.B.C.

PURDUM AND JESCHKE  
CONSULTING ENGINEERS AND  
LAND SURVEYORS  
1023 N. CALVERT STREET  
BALTIMORE, MARYLAND 21202

OWNER AND DEVELOPER  
CARL C. HALL & WIFE  
3737 CHATHAM ROAD  
ELLCOTT CITY, MARYLAND 21043

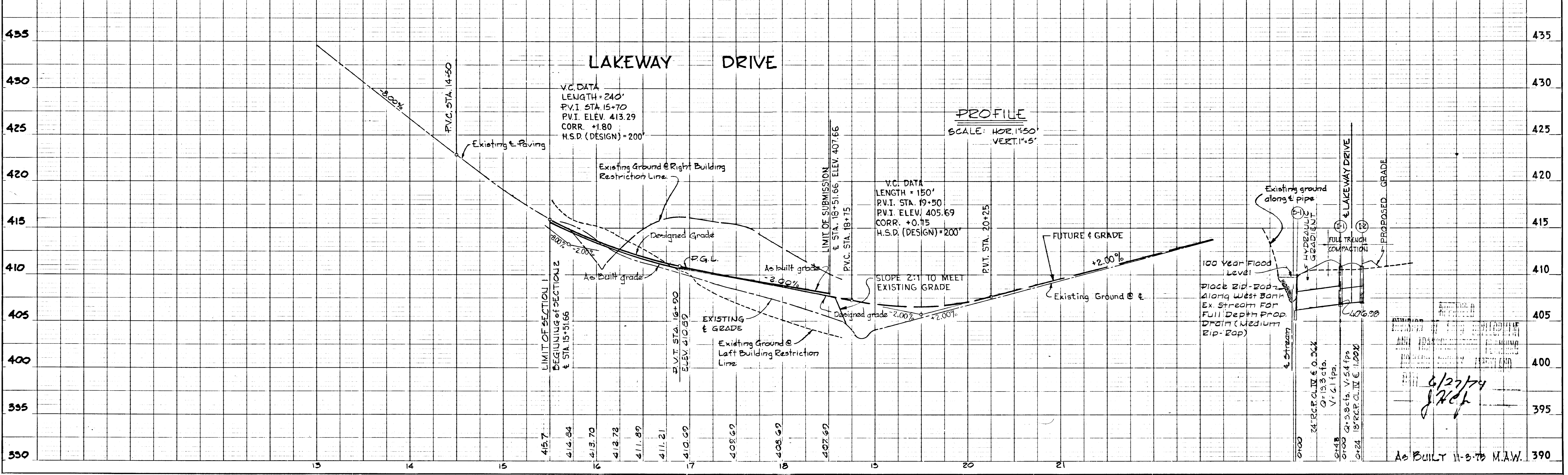


PLAN & PROFILE: LAKEWAY DRIVE  
SECTION No. 2

**BENSON**

3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
MARCH 28, 1974 SCALE AS SHOWN  
SHEET 1 OF 2

*J.M. Anderson* 7/8/74 Chief, Bureau of Highways Date  
*J.K. Clawson* 7/5/74 Chief, Division of Land Development and Transportation Planning Date



DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SUPERVISOR: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
NO. \_\_\_\_\_  
GRADE CHECKED: \_\_\_\_\_  
B.M. NOTED: \_\_\_\_\_  
STRUCTURE LOCATIONS CHECKED: \_\_\_\_\_

As BUILT 11-3-73 M.A.W.